

Table of Contents

Supplementary Table S1: Raw data of FPRGs in TCGA cohort

Supplementary Table S2: Raw data of FPRGs in CGGA cohort

Supplementary Table S3: Immune checkpoint gene list

Supplementary Table S4: The expression levels of the 6 FPRGs and riskScore calculation in TCGA cohort

Supplementary Table S5: The expression levels of the 6 FPRGs and riskScore calculation in CGGA cohort

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Supplementary Table S1: Raw data of FPRGs in TCGA cohort

geneName:	TCGA-CS	TCGA-DU	TCGA-QH	TCGA-E1-	TCGA-S9-	TCGA-FG	TCGA-S9-	TCGA-TM
AIM2	0.232942	1.28948	0.943725	0.993502	0.640749	1.359237	0.656223	0.451333
NLRP3	1.843909	2.578403	2.798972	1.368281	1.388461	1.906977	1.93728	1.182517
ISCU	5.26095	5.063352	4.478789	6.020686	6.651729	4.641681	5.549232	4.767172
MT1G	3.121907	1.550383	1.738825	1.779311	3.209113	1.749341	2.323141	4.297928
ZFP69B	1.21946	1.615111	0.955196	0.561237	0.939165	1.284294	1.907118	1.360232
ATF4	5.93851	6.356744	7.808848	6.123728	6.529527	7.289054	6.175424	6.963039
SQSTM1	5.647259	5.530893	5.721209	6.288057	5.718696	6.39085	5.510847	5.328628
GLS2	1.509502	0.652202	0.582812	0.728238	1.184949	0.608724	1.910998	0.945787
GPX2	0.129999	0.098292	0.157285	0.025212	0.099744	0.026731	0.214015	-0.09547
VDAC2	4.136829	4.683834	4.647857	5.463366	5.88876	5.109751	6.16291	6.74716
HSF1	3.453152	4.377516	7.208027	5.02467	4.965288	3.617221	4.840744	4.487769
ACSL4	3.750981	3.232186	2.545959	2.836566	2.833173	2.636457	2.96793	3.670407
PCK2	2.794007	1.754297	1.965685	2.156762	2.091897	2.452034	1.531566	1.205879
NQO1	4.542617	3.09726	1.657504	2.585845	3.843006	5.233895	3.014375	3.324323
HIF1A	4.827213	5.515107	5.942538	5.171402	4.844263	4.71847	4.517993	4.757248
CASP3	3.70683	3.404567	3.344106	2.385237	3.086843	5.284825	4.064573	2.473526
CASP8	2.159038	1.512905	0.848828	0.878208	1.088741	2.039995	1.99148	0.693093
UBC	9.758634	8.407416	8.584181	9.473834	8.454924	8.922899	8.264419	7.81635
ZEB1	4.311022	5.333256	4.899751	4.481653	3.934136	4.543964	6.431036	5.962071
SNX4	4.004824	4.32348	4.285326	1.650462	3.704561	5.570168	4.422125	4.481924
ACO1	2.828378	3.373249	2.840466	3.537977	2.548653	3.259081	3.878295	4.053749
LPIN1	3.278548	3.99018	2.98743	4.98569	2.471473	2.554495	3.00436	2.968515
ATG5	2.725017	2.961093	2.176986	2.571255	3.077491	3.59597	3.055	3.103624
NOX4	0.675399	0.416587	0.44958	0.299168	0.384215	1.305703	0.429353	0.43737
CISD2	3.721056	2.984439	2.296999	1.919012	2.760188	5.163997	3.0419	2.097695
SLC40A1	2.936192	3.798312	2.402427	4.247927	3.21927	4.218283	3.883083	2.950009
DUOX1	0.33544	0.890471	0.996933	0.937155	1.028848	1.709787	1.384194	0.588898
PLCG1	5.394804	4.785539	5.229907	4.766711	5.066955	5.312233	5.220699	4.488694
FBXW7	3.969411	2.643371	2.021162	2.160705	3.259316	2.348912	3.044161	1.918256
YY1AP1	3.99861	4.243099	4.617265	4.360177	4.403407	5.135138	4.54276	5.040541
SLC1A5	2.619337	2.823279	3.444185	2.872464	3.276781	2.177227	2.315922	0.856812
BNIP3	4.570755	4.544804	4.456125	4.619661	5.125172	4.985656	5.36204	4.636854
GPT2	5.634651	4.72803	5.364722	6.497269	6.480366	4.762117	4.613405	4.298794
SESN2	2.169672	2.538827	3.012335	2.231429	3.513409	3.579023	2.789163	2.919559
SLC2A3	4.499045	1.952025	4.493744	1.783077	3.156041	2.46382	2.439126	2.594156
BACH1	3.234773	3.076444	2.613015	2.604314	2.209885	2.452327	4.015437	2.236008
OTUB1	5.071746	4.662234	5.862553	4.500836	6.069776	5.503719	4.641009	5.370111
G6PD	4.00251	3.162421	3.735909	3.788572	4.393036	4.638472	3.362775	3.114004
HERPUD1	4.637697	5.137198	4.419446	5.042662	5.004873	5.294522	4.437281	4.488126
TP63	0.289724	0.127713	0.067413	0.104601	0.103627	0.062056	0.173733	0.111621
CA9	0.672939	0.448294	0.705338	0.653157	0.569301	3.032801	1.457999	0.530622
SLC2A6	2.877939	2.539182	1.604979	2.175362	2.474482	2.712219	2.088228	2.560685
IL18	3.045394	3.26472	2.653401	3.611755	2.902016	3.724988	2.821421	1.389724
LINC0047	0.772936	1.565921	0.712532	1.190122	0.205332	1.492514	0.635068	1.701047
CHAC1	2.077193	0.436052	0.714369	1.003773	1.797606	0.685034	0.886931	0.394112
FTL	10.52174	10.752	10.28114	10.16517	11.08559	12.43213	9.271601	8.471876
ATP6V1G	6.209152	5.268753	5.063749	5.423103	6.849691	4.499164	6.348568	7.105985
CISD1	3.725546	3.554734	1.784754	2.77326	4.769067	3.893342	4.221943	5.068869
HELLS	0.75918	0.958392	1.041817	0.304607	0.634286	2.141473	1.035232	1.828206

SLC2A12	0.751021	0.847025	0.37613	1.711758	0.685379	0.285179	0.848306	0.163842
ALB	0.277857	0.608016	1.01068	0.598607	0.781462	0.719464	0.50873	0.383341
GABPB1	1.142452	1.796684	2.084491	1.733622	2.153596	2.987514	2.384948	1.87802
FH	5.379933	3.990892	1.702385	3.610023	4.664121	5.979645	4.216453	5.116198
ATG3	3.672175	4.142679	3.214314	4.052693	4.804496	5.857184	3.879776	4.360488
CASP5	0.593043	0.368141	0.045563	0.044066	0.243191	0.344003	0.206661	0.079541
GDF15	1.77201	0.471256	0.649252	0.49124	0.829535	1.625494	1.507618	0.936185
PRDX1	8.966955	7.762424	6.847579	8.007555	6.654489	8.426132	7.428966	7.191435
YWHAE	8.746008	8.638635	8.789368	8.734079	9.092399	9.076712	7.374506	8.965833
ASNS	4.343076	3.675501	3.514173	2.64711	4.186211	4.977604	3.623847	3.597319
TNFAIP3	1.679411	2.138112	2.349668	2.333952	1.459486	2.325031	2.255906	1.605648
HRAS	5.173778	4.22592	6.458736	5.037405	6.108948	5.513649	4.57186	5.19037
HAMP	2.495174	1.525134	0.767624	0.789508	1.674672	1.032853	2.201114	0.741006
MAFG	3.75875	3.429881	4.139866	2.675882	3.485796	3.626813	2.99725	3.478161
AKR1C2	0.656923	0.635556	1.09866	1.033198	1.016872	0.61879	1.324536	0.680225
MT3	9.598923	6.149863	5.567756	9.84366	8.738068	7.121668	10.14086	5.358464
PRKAA1	3.508571	3.378752	2.962414	3.164446	2.816245	2.861378	4.581503	2.739093
ELAVL1	3.613591	3.780561	3.948403	3.342306	3.765468	4.579762	4.502181	3.855619
PROM2	0.15283	0.588217	1.368042	1.003127	0.982183	1.074913	1.186433	0.484038
CHMP5	4.223044	4.912513	5.091512	5.245222	3.883526	6.324083	4.489741	5.837925
MAPK9	3.683789	3.656617	3.143633	3.148871	3.378541	3.391647	3.97618	3.655861
CASP1	2.993896	2.995408	2.176225	2.564865	2.643618	2.790799	2.18011	1.259477
EIF2AK4	3.905573	3.125318	1.942636	2.883988	2.458022	3.134855	2.98525	2.239174
GOT1	5.515531	3.946103	2.840645	3.653835	4.84027	4.009437	4.640552	4.266972
MAP1LC3	6.387752	4.366898	2.568442	4.507626	5.444727	4.207904	5.429457	3.41044
ENPP2	4.517251	4.918025	2.03793	1.103233	1.999803	6.511845	4.105507	1.227403
ACSF2	4.320392	3.195091	3.363051	3.871063	3.699915	3.11508	3.777056	1.40284
ANO6	3.73894	3.309202	2.992061	3.554069	2.88739	3.545713	4.822294	2.100742
IREB2	3.218321	3.136828	2.492425	2.467279	2.084571	3.054351	3.224319	2.024075
ACVR1B	3.456713	3.074664	3.334442	3.019093	3.511281	3.299715	3.320301	3.579895
SRXN1	2.752717	1.953229	1.253554	1.965121	1.416536	1.808924	1.486652	1.465967
TAZ	2.662843	3.760406	4.607173	3.942247	4.68936	4.169649	3.4796	3.515635
GPX4	7.154396	7.044405	6.812101	6.968088	8.613663	7.871413	6.436956	7.022993
PRKAA2	1.777595	1.04642	0.913172	1.040593	1.019529	1.00367	1.913731	0.832117
KEAP1	4.466797	5.103032	5.397696	5.123036	5.459658	5.539719	5.637994	5.794218
PLIN4	0.933576	0.487431	0.238923	1.157655	1.87553	0.671137	0.24478	0.369195
SCAF11	4.061298	4.143422	3.151761	3.501312	3.285711	3.49592	3.83726	3.674285
CDKN2A	1.030227	2.207313	3.546247	1.792563	5.747836	1.053923	3.355277	4.013482
ABCC1	1.633297	2.214701	2.006139	1.737435	2.125076	2.696396	1.707793	1.608668
PML	1.655641	2.510858	3.29412	2.946136	2.955365	2.985345	3.061091	3.034496
CDKN1A	4.720797	3.128758	5.453299	3.366043	3.672074	5.344373	5.5481	6.24833
IL6	0.401884	0.445219	1.275148	0.116519	0.380793	0.60009	0.327414	0.2712
PYCARD	3.231998	4.041956	3.807869	3.101614	3.828596	3.164884	3.896159	1.524979
ALOX15B	0.403995	0.031767	2.506192	3.131213	0.452906	3.069176	0.135527	0.353561
HMOX1	3.13976	4.563009	4.36375	3.878732	4.70091	6.547551	2.813117	2.62888
GSDMB	1.010583	2.047665	2.712385	2.075055	3.228197	1.943316	2.418878	1.706038
ULK1	3.501988	3.404661	4.28455	3.618637	4.044915	4.164117	3.551809	3.22478
JDP2	2.754636	2.710666	4.286491	3.313018	3.092271	2.94346	2.675366	2.639954
TXNIP	4.933462	6.096219	6.536176	7.697586	5.777098	6.667168	5.516593	5.436591
ALOX5	3.436249	4.300242	2.82683	2.840276	2.72784	3.073593	4.363594	0.898989
FADS2	5.854749	7.427383	7.408904	7.162489	6.818094	5.109104	5.997861	5.709814

ATF3	1.936026	2.069333	4.929227	1.668782	1.949505	4.862376	2.178192	1.997836
ZNF419	1.758325	2.213921	2.585645	2.325274	3.013016	2.153278	2.97748	1.891392
ARRDC3	3.016654	3.154373	3.131542	3.346057	2.503821	5.059091	3.659345	3.470518
GSDMA	0.443703	0.153267	0.442673	0.031482	0.428093	1.09634	0.089234	0.078602
PEBP1	7.98805	8.126251	6.430221	9.241707	8.93464	6.944127	7.945463	8.017233
DNAJB6	4.660302	4.859701	4.092883	4.728461	3.463473	3.961316	4.155153	4.317735
HILPDA	3.236344	3.072243	5.318233	3.499964	2.045612	3.907176	2.253931	2.670733
GCH1	0.887901	0.730926	0.774798	0.696249	0.588826	0.555796	0.84161	0.540414
EIF2S1	4.726832	4.422547	3.285279	3.383388	3.581669	3.933163	2.647311	5.042418
STEAP3	2.660135	1.28037	1.325712	1.438073	1.071888	2.329221	3.456444	0.510161
ATG16L1	2.017123	2.654162	2.468033	2.261915	2.848628	3.285516	3.677127	2.708349
OXSRI	3.156321	3.10821	3.242933	2.873769	3.014366	4.67601	2.153511	3.333076
ALOXE3	0.354875	0.033972	0.231932	0.082283	0.489983	0.102218	0.274256	0.342566
NLRP6	0.105956	-0.04511	0.219606	0.508184	0.183212	0.235071	0.140899	-0.01788
IL33	1.830297	4.115575	2.840215	4.655803	3.777532	3.161629	2.526372	2.874488
AKR1C3	1.916144	3.728504	2.429394	4.162497	2.7013	2.525277	4.387002	3.52544
TLR4	2.725619	3.964662	4.048013	5.047368	2.510807	1.909097	3.027699	1.487076
SIRT1	2.085911	2.994706	3.005412	2.928873	2.143995	2.565439	3.393042	3.604426
HSD17B11	3.984522	3.598166	2.567552	4.229674	2.780331	4.553729	5.469408	3.033584
GABARAI	7.216019	6.776788	6.921949	8.238228	7.998542	6.429898	6.372392	6.256963
SLC2A14	0.600386	-0.02984	-0.02756	0.113154	0.087116	-0.00468	0.017942	-0.02124
SOCS1	1.006403	0.756499	0.770565	0.443597	0.794636	1.006055	1.203081	0.855074
ATM	3.200293	3.662832	2.441506	3.074358	2.83697	2.770514	3.51794	3.092109
STMN1	6.629064	6.706916	6.587727	6.526793	7.159215	9.363435	6.557989	5.852561
NOX5	0.096979	0.167704	0.093286	-0.01098	0.022642	-0.01776	0.912544	0.051122
PTGS2	1.106318	0.450143	2.441751	0.412326	0.236422	0.569056	0.790629	0.943061
MTDH	4.727103	4.434941	4.946046	3.461856	3.173995	4.655998	4.302981	4.046084
MAPK3	6.141147	4.929597	5.630146	6.267324	6.296663	5.123757	5.449709	5.01912
BAP1	5.165671	4.987265	4.956185	5.058745	5.472843	5.363534	4.120441	4.960888
AGPAT3	4.394448	4.704482	4.265573	4.971075	4.315092	4.364004	3.758533	3.556715
TXNRD1	3.996727	4.321049	3.369895	4.110751	3.803912	4.918995	3.98209	4.585397
HIC1	0.516751	1.119384	2.27794	0.747618	1.373175	0.912631	1.62228	1.07708
ZFP36	5.671774	5.331141	7.616717	5.169857	3.462926	6.697452	5.683762	4.876097
HNF4A	0.027995	0.017057	0.009677	0.01748	0.033598	0.000681	0.000681	0.023063
JUN	5.748264	5.592008	8.340449	5.839214	5.14473	6.332884	6.028062	4.728432
BECN1	4.106781	4.435992	3.687535	3.574177	4.071048	3.502631	3.830771	4.354811
STAT3	5.56649	5.03367	4.797055	4.740089	4.550916	4.033861	5.162612	3.86368
TUBE1	1.126653	2.289705	2.366563	3.239582	3.476365	2.861479	4.424605	3.137058
DDIT3	4.162643	3.875478	4.736322	4.586309	5.289632	5.506477	3.520434	4.745532
TRIB3	0.848221	1.068212	1.521665	0.388298	3.269881	2.684648	1.367686	2.10557
DRD5	0.119886	0.323923	0.067452	0.14452	0.492138	0.092054	0.021535	0.063613
TP53	4.509111	4.288577	4.370872	2.311984	4.519469	5.272815	2.504607	4.497653
NOX1	0.29016	0.178126	0.24986	0.26796	0.47449	0.421722	0.08784	0.256608
FLT3	0.055507	0.297008	0.124456	0.117092	0.244086	0.387826	1.216628	0.176126
NLRP1	6.286279	5.700319	6.061231	5.93661	6.341016	6.391785	5.536386	5.248632
GCLC	2.771085	4.193511	4.43718	5.236095	3.552255	4.306217	3.289302	3.208107
ARNTL	3.869379	2.12595	1.510782	2.92615	3.078018	1.472752	3.456154	2.44739
LURAP1L	1.217653	1.273083	1.42777	2.122152	1.275077	2.217478	1.679562	0.943308
SAT1	7.05723	6.379494	7.074299	6.108676	7.315791	8.374596	6.104488	5.654933
ANGPTL7	0.073723	0.061511	0.039485	0.037726	0.037278	0.03805	2.400923	0.012251
CASP4	2.212731	1.791062	1.469952	1.770659	1.762016	2.076187	1.662771	1.128407

LPCAT3	3.230039	3.192305	2.554777	2.884652	2.57064	2.330825	3.434206	2.819589
PRDX6	6.687428	5.969465	4.431153	8.881558	5.735783	6.269947	5.121077	4.685197
DPP4	0.205062	0.337322	0.260305	0.185869	0.183421	0.703337	0.177835	0.148785
MYB	0.200576	0.227951	0.237054	0.055504	0.117366	0.861645	0.062537	0.32959
IDH1	5.141892	4.917683	3.929808	3.176453	4.020741	4.83096	4.92865	5.352098
GABARAI	6.155846	4.90964	4.816249	5.960917	6.306166	4.937437	5.482039	5.415957
DUOX2	0.033508	0.087397	0.053794	0.054846	0.185556	0.161032	0.068224	0.058317
RPL8	8.3327	9.249342	12.40997	8.558859	10.11327	7.769651	7.607659	10.86811
RELA	3.637087	4.437276	4.973302	4.984752	5.015449	4.519298	4.998489	4.447071
IL1B	2.258799	2.140851	4.456191	0.673977	0.673018	1.878697	2.894594	2.872145
HSPB1	7.530617	4.781956	6.671586	6.265128	7.280954	6.692004	6.075792	4.958555
SRC	3.625221	3.889254	4.250577	2.709121	4.195423	2.286918	3.749842	4.204015
MTOR	4.06899	4.057354	3.073415	3.86778	3.101218	3.076248	4.116101	2.497412
NOD1	2.286629	1.616355	1.259176	1.691769	1.017771	1.028781	1.271308	0.502484
ALOX15	0.053887	0.041412	0.042222	0.067005	0.066409	0.058918	0.066715	0.055782
NOS2	0.205725	0.589106	0.955287	0.446229	0.625375	0.67706	1.01635	0.562987
SCP2	5.464273	5.186304	4.548324	5.50154	5.163401	5.877269	5.172098	4.381002
VEGFA	2.43957	1.933372	5.005252	1.679358	3.462115	6.223048	3.360754	3.97868
MUC1	2.674566	1.695616	3.301726	1.339673	3.134131	4.246469	1.953038	0.864201
TSC22D3	5.089482	4.59804	4.706029	6.844321	4.977765	5.874202	4.549543	5.353962
TNF	2.334594	1.472784	5.523023	0.480607	0.76311	2.399529	2.301936	1.66179
EPAS1	4.387141	5.197958	3.907104	4.336144	5.328198	3.44258	4.092316	5.826248
DRD4	0.469015	0.972544	2.836891	2.782216	3.154379	0.357863	1.654251	1.050258
PHKG2	2.870946	2.987102	3.215331	3.212199	3.99875	3.448995	3.087732	2.935684
FANCD2	1.689026	1.735686	1.889768	0.802753	1.316297	3.116733	0.713557	1.689024
NOD2	0.193043	0.960935	0.689207	0.271426	0.749496	0.528458	0.390848	0.058929
BID	3.149469	5.009144	4.993783	3.694615	4.567565	4.374144	2.771965	5.491599
LAMP2	6.23811	5.645199	4.538082	5.854107	5.375893	7.116487	4.257051	4.592798
NLRC4	1.085086	0.932054	0.5812	0.470813	1.085859	0.90808	0.564686	0.361543
DUSP1	4.912399	4.773288	6.655789	5.527224	3.362672	6.122867	6.759495	5.226347
PSAT1	7.26373	7.672325	6.74184	6.809287	6.528584	6.662207	5.830334	5.624233
ALOX12B	0.450248	0.111037	0.578024	0.197868	0.377134	0.069148	0.144429	0.50611
ATG7	3.388384	3.035939	2.91772	3.546383	2.769624	2.929518	2.269185	2.336379
NCF2	2.432598	2.565733	2.045265	1.993713	1.855432	2.363482	2.032504	1.342437
WIPI1	3.544736	2.618624	2.159268	2.547159	2.972344	3.248824	2.995794	1.687935
MAP3K5	3.180119	4.419166	3.530698	5.004572	3.254572	2.484708	4.280717	3.161539
CXCL2	1.972779	2.03588	4.247535	2.303823	2.072839	2.976228	0.684368	1.484493
SLC7A11	4.532019	3.320077	2.694703	4.335347	1.49943	1.993161	1.377116	1.433784
NRAS	3.973866	3.783365	3.506953	2.755485	3.562514	4.73605	3.66014	3.169988
FTH1	8.664911	8.218743	9.171048	10.91721	10.0844	10.59067	9.430581	8.006834
CDO1	4.528637	5.280166	4.300397	4.934626	4.334931	3.729545	3.851643	3.902588
CYBB	4.490377	4.520437	3.500092	2.778168	3.633062	3.450612	3.84726	1.436516
SCD	6.608758	8.045569	7.110592	9.247648	7.093229	6.722571	6.931327	6.631306
CBS	3.364654	3.617163	4.292698	3.273447	5.104166	2.879557	4.130147	3.560145
MAPK8	2.31195	3.35579	3.564916	3.077966	2.849823	2.880671	3.637474	3.464112
TFR2	1.302218	0.840776	0.589532	0.611312	1.020141	0.983691	2.519107	0.911714
KRAS	3.149119	2.857636	2.104392	2.444535	2.384662	2.975822	2.684993	3.099849
NFS1	4.273739	3.302169	2.919344	3.880028	5.336965	3.521825	3.998925	3.577962
MAPK14	3.010964	3.045614	3.00327	2.935225	3.052143	3.246717	3.535029	3.265054
VLDLR	1.868421	2.000104	0.513785	0.712721	1.365461	2.303007	1.70496	2.01936
TGFBR1	4.328597	3.967118	2.745347	2.17656	3.27159	3.406936	3.768867	3.026515

TIRAP	1.881432	1.896383	1.50905	1.680654	0.764474	1.356256	1.856768	1.880819
ULK2	3.14278	3.648833	2.104133	2.82046	1.87938	2.852176	3.422035	3.19606
HBA1	3.884457	3.490733	3.661766	2.916999	3.276887	3.048133	3.393358	4.897403
CHMP6	3.581888	4.028475	4.685354	3.64118	4.925775	4.854948	3.601029	3.586589
AURKA	2.682913	1.005383	1.192523	0.431391	0.915731	3.263258	0.780343	1.546336
WIPI2	4.105006	4.894722	4.622143	4.111146	4.312457	4.360322	4.008762	3.800935
CAV1	5.980996	2.354916	2.697237	1.735791	3.195557	3.72486	5.229562	2.1862
NFE2L2	4.962555	4.844636	4.164028	5.328698	4.449015	4.803296	4.815054	4.615417
ATG13	4.399883	4.29014	4.892105	5.136679	4.850337	4.785812	4.879062	4.457224
MAPK1	6.338659	4.803432	4.126409	5.030059	4.130983	4.150146	4.297129	4.655814
SLC2A1	4.161048	5.159177	4.92712	4.881216	4.999236	3.238716	3.864153	4.72503
LONP1	4.79637	4.5301	5.760173	4.973403	5.915514	5.761425	4.593626	5.178004
TF	6.223378	6.863721	5.183299	4.568445	5.004653	8.129935	9.265199	3.958911
EGFR	3.943716	5.043431	5.309597	4.00506	3.329773	2.993543	4.178052	4.114533
CEBPG	3.637394	3.326974	3.803363	2.802202	3.489123	4.351997	3.605035	2.030936
DDIT4	4.934263	6.156691	8.623201	6.179905	6.100036	4.916106	5.417605	6.399195
PIK3CA	2.301045	2.443649	2.274653	2.751877	1.573513	2.115801	3.32195	2.533644
RIPK1	2.954111	3.067989	2.743687	2.738424	2.807458	2.848091	3.821939	2.414644
PLIN2	2.554466	2.619279	3.116227	2.842106	2.45591	4.078964	2.089437	2.075711
GSDMD	2.813599	3.283527	2.782095	3.268837	3.139432	3.097276	2.569662	1.997898
NLRP2	0.926791	0.112993	0.062257	0.133483	0.65641	0.342979	0.126554	0.263185
CS	5.021	5.168958	4.919978	4.543979	5.718031	5.091039	4.913347	6.154009
EMC2	4.506236	4.824002	5.577804	5.437164	4.866618	4.834663	4.370396	3.675127
NCOA4	5.241595	5.892037	4.99836	5.051376	4.830989	5.36148	5.954969	6.049585
ELANE	0.198536	0.449524	0.63225	-0.07	0.200232	0.407431	-0.14226	0.047514
AKR1C1	1.090854	2.80469	2.238952	3.938137	2.350062	1.297055	4.082446	1.690565
ATG4D	2.662239	3.714357	4.734964	2.62893	3.894971	4.640445	3.590251	3.584746
CD44	6.816858	4.700421	5.684863	5.983375	4.792527	5.809838	5.642804	1.947035
AIFM2	2.135405	2.067998	1.980865	1.716998	1.660035	1.690387	2.073625	2.271086
KLHL24	3.657324	4.069776	2.89911	3.523852	3.243199	3.961861	5.210601	3.886673
HMGB1	5.851015	6.720131	7.079014	6.390524	6.234373	7.34943	6.329035	7.032285
PANX1	2.911933	3.02309	2.519522	1.38583	2.346798	3.528085	2.474015	3.010565
ALOX12	0.183812	0.773925	0.59305	0.5369	0.744475	0.457098	1.099436	0.504792
PRKACA	5.212575	4.028711	4.34883	4.169151	4.877038	4.573497	5.348185	3.88145
RB1	4.726419	4.394515	2.860374	3.338773	3.372892	4.679314	3.873391	3.324262
RGS4	3.424466	2.274805	0.403701	1.989205	3.66803	1.220536	1.69175	2.763349
CASP6	2.835214	1.801272	1.627325	1.694085	1.92608	3.643093	2.001435	0.873571
TFAP2C	1.098379	0.237628	0.346068	0.232342	0.074915	0.45912	0.075447	0.07984
PGD	5.601372	5.60446	5.773674	4.854729	5.086831	6.269521	4.847576	5.397022
CAPG	6.590758	5.210684	4.245131	4.1769	5.023482	6.587464	4.856328	3.415705
HSPA5	7.303543	5.784702	5.295643	5.518125	5.420693	6.892549	5.745375	5.565353
SLC7A5	4.725765	5.36079	6.32714	4.385073	5.576858	3.28784	4.628596	4.914619
EGLN2	3.517037	3.541988	4.183172	3.969709	4.406695	4.457811	5.254504	2.373761
SP1	3.437879	3.578751	3.218275	3.212138	3.136111	3.017256	3.60953	2.913469
NF2	2.242184	3.45644	3.748263	3.295569	3.622748	3.533317	3.283447	3.575424
GSDMC	0.301309	1.275331	0.643102	1.345245	0.345816	1.106258	0.058434	0.05882
NGB	0.547947	0.419876	0.213177	0.221812	1.644819	0.189172	1.115598	0.725168
RRM2	2.921569	2.414271	1.586224	0.210659	0.557868	4.263568	0.222434	2.110028
NNMT	1.963217	1.05755	2.627126	2.164567	1.519908	3.054793	1.862216	0.56221
SLC3A2	6.557188	5.837115	6.839708	6.644537	7.021182	6.198253	5.358357	5.692144
SLC2A8	3.538971	3.333667	3.406665	3.182889	4.312395	3.917426	3.098001	2.877626

ACSL3	4.661377	4.065039	3.667755	5.025787	3.705587	3.431805	5.084876	4.045655
BRD4	3.189064	3.368428	4.810676	3.521128	3.71577	3.38324	3.88869	3.491389
CASP9	2.414328	4.929476	3.484493	2.861501	3.283125	3.813429	2.660975	2.750928
TFRC	4.925796	2.809677	2.267569	3.441291	3.76708	3.80384	3.765535	3.069765
SLC1A4	4.584668	5.219464	5.750296	4.962855	5.147098	3.553105	2.649127	3.394985
SLC38A1	4.089966	3.559139	3.781134	3.939864	2.85649	3.796225	5.040916	4.629082
SETD1B	2.077861	2.897009	2.976544	2.563653	2.416004	1.870778	3.266513	2.105638

TCGA-DH	TCGA-DU	TCGA-FG	TCGA-DU	TCGA-DB	TCGA-DH	TCGA-DU	TCGA-CS	TCGA-HT
1.206509	0.564019	0.334464	0.833312	0.985196	0.804865	0.919447	0.892742	0.816406
0.835426	1.547203	0.855048	1.595399	0.970103	0.8053	0.569532	1.873276	1.125506
5.148712	5.710016	4.529974	4.780775	6.719302	5.944126	5.136398	4.86939	6.503191
3.19689	4.750161	2.02514	1.016742	4.40677	2.523116	3.702911	3.917016	5.156361
0.840463	1.318495	2.044951	1.174663	0.521444	0.846109	0.693245	1.919109	1.19643
7.444164	6.844393	7.689157	5.688221	7.426667	8.432444	7.905479	5.692298	5.758475
5.787615	6.29643	4.463086	7.357919	6.363224	6.980047	6.122351	5.994698	5.98537
0.814004	0.785666	0.771612	0.500956	0.647267	0.677466	0.828667	0.520683	2.755134
0.058447	0.004816	0.274396	0.262034	-0.00628	0.398844	-0.01784	0.065323	0.143901
5.643294	4.064462	4.295939	5.11384	6.613729	6.845351	6.651098	6.32572	5.148164
5.008809	5.02968	3.193031	4.846401	3.966628	6.124501	5.346871	6.251704	3.265012
2.40828	2.613338	2.674614	3.949126	2.664874	2.712404	3.093662	2.974758	3.976962
1.77666	2.490292	1.473641	2.612934	2.408956	1.612792	1.433523	1.861632	1.946976
2.84808	3.795667	4.678426	3.658098	3.502468	4.857136	3.045861	2.877973	3.847262
4.507358	5.017737	5.670406	4.988224	4.9395	4.117277	4.805739	5.667823	5.11049
3.646185	5.646399	4.956683	3.688067	3.26881	3.411858	3.711542	3.11151	2.699732
0.941449	1.87388	2.003543	2.292363	0.743021	0.704422	1.020044	0.885803	1.040767
8.552523	8.492141	9.74768	7.681895	8.311525	8.276255	8.837561	9.061234	8.427441
4.903166	5.292866	4.527639	4.666228	5.065804	2.848549	5.556163	6.667596	4.126304
2.835607	4.288539	6.219823	3.868522	3.576923	4.146793	3.855062	5.01234	3.425705
3.028711	3.190561	3.399708	2.909005	2.859317	4.063284	3.172595	3.864393	2.623404
3.016404	2.56743	2.429026	3.326161	3.442257	2.681238	2.126434	2.94946	3.899574
2.934745	3.083044	2.706796	4.357152	2.714685	2.950025	2.918496	3.352496	3.192877
0.722304	1.700442	3.201112	1.339147	0.212257	2.585588	0.404104	0.373466	0.334651
2.673943	3.832748	3.655782	3.277788	3.455585	4.81519	4.433846	2.880448	4.044888
3.298747	4.089094	3.226379	4.770091	3.206862	2.185621	3.097387	3.871543	2.390889
1.281531	0.660608	1.198704	0.502043	0.850668	0.549066	1.604775	0.909195	0.430143
4.763952	5.635785	5.5604	4.618959	4.480336	5.058197	4.536219	4.569036	4.11665
2.130614	3.045631	2.476482	2.213927	2.809347	2.408517	2.339473	1.975225	4.992805
4.600484	4.157247	4.402478	4.697176	4.604344	4.918336	4.783517	4.795861	4.090371
1.519883	4.307044	3.447766	2.501694	1.934059	2.256569	1.264394	2.656313	1.607853
4.238369	4.069052	2.991968	2.487989	5.580867	5.770171	4.417113	4.404044	5.673539
4.955112	5.31069	4.103915	5.91864	5.558008	5.4484	4.833153	5.230892	5.151916
2.826923	3.059365	3.492654	3.640213	2.973402	4.799143	2.901613	3.422489	2.789227
1.522587	3.699269	4.167194	6.199113	2.712225	3.421424	1.608925	1.932353	3.241129
2.074575	2.613588	3.679872	3.005968	1.877625	1.812436	1.876689	3.250228	1.966397
5.607322	4.838276	6.398794	4.814879	6.172677	6.817921	6.13164	5.218784	5.908218
3.963825	4.112512	4.481616	3.728019	3.351528	4.850111	4.481866	3.631747	4.121777
3.746224	4.079884	4.220598	6.069679	4.776188	3.338729	4.13647	4.101886	3.98418
0.069695	0.953544	0.222101	0.091913	0.072736	0.07061	0.073743	0.073239	0.129517
0.579637	0.384576	1.552931	2.251041	0.575757	2.281533	0.27727	0.360122	0.505918
2.705247	2.638421	3.096036	2.397111	2.507111	3.57902	3.396788	2.42533	3.180181
1.731187	3.314659	2.401687	2.543902	1.952891	2.415358	1.359968	3.72166	1.97166
1.409582	0.837673	1.649327	1.367653	0.292302	0.625816	1.897395	0.281772	1.100763
0.502759	2.258624	2.565447	1.209275	1.114319	0.62499	0.264885	0.831767	2.58229
10.20278	11.21196	9.665224	11.44921	10.23513	10.76597	8.963916	10.76828	9.657828
5.723171	4.304079	1.057757	4.890703	6.482583	4.992024	6.387896	6.222444	7.470495
3.732234	3.455862	3.21504	5.785273	4.687287	6.073934	4.879044	4.569437	5.448839
1.081714	1.039065	3.244098	1.151263	0.670492	2.346731	1.645786	2.470435	0.413128

0.64128	0.690127	0.178173	1.769151	1.021603	0.153753	0.572256	0.357295	1.355592
0.880158	0.219228	0.73309	0.697909	0.820923	0.128293	0.767062	0.25605	0.24743
2.367844	1.979886	4.125455	2.400103	2.272993	1.280476	2.419273	3.354021	1.767579
4.591749	5.255655	5.581827	4.049011	4.335569	6.59248	5.206061	4.653903	4.879551
4.53435	4.244526	2.617897	3.748033	4.63258	4.840856	5.297142	4.626812	3.813227
0.182395	0.575219	0.26533	0.752784	0.115933	0.086805	0.103939	0.140937	0.071251
0.819978	3.453768	1.863616	0.717475	0.56042	3.199993	1.134493	0.734202	0.61334
7.387985	8.327271	7.46551	7.888071	8.791481	5.296748	7.10982	8.709712	7.04511
8.599872	9.114633	8.549295	8.014077	8.594175	10.21715	9.458347	10.09973	8.417972
4.320934	4.225899	4.556874	4.288674	4.422083	6.087777	3.691891	5.076354	4.979153
1.213973	2.25884	3.141903	2.757801	0.988849	0.875629	1.197948	1.600987	1.426541
5.75686	6.419792	3.094608	1.891041	6.712813	9.052866	7.695397	4.748502	5.176076
1.170019	2.863527	1.160257	4.689472	2.049505	3.240663	1.0498	2.823019	2.166425
3.091331	3.00965	4.113448	3.693657	2.595246	2.674127	3.323606	3.27808	3.891556
1.547163	0.908422	1.988226	0.800958	1.516023	6.170953	2.403546	0.411717	1.371169
7.143845	9.90115	4.777967	3.797906	6.437948	11.21982	7.761718	5.953978	9.091037
2.60102	2.881931	6.300992	3.407379	2.354064	2.185484	2.935237	2.631702	2.885286
3.502099	4.554331	5.559277	3.69974	3.559683	4.560822	4.713694	5.49171	3.249732
1.373004	0.43347	0.616663	0.537672	1.245645	0.506285	0.966602	0.42626	0.292581
4.762603	4.867663	6.338615	4.877611	5.324906	6.205811	5.366131	5.320716	5.384615
3.375138	3.209663	2.667876	2.820977	3.50852	3.827765	3.810661	3.288141	5.041276
2.043031	3.230145	1.877461	3.650187	2.059523	2.078196	1.59751	2.440621	1.585336
2.43761	3.408953	4.866343	4.083122	2.2163	1.840972	1.653823	3.467833	2.7655
4.021023	4.251198	3.517497	4.023492	4.535716	5.093115	4.631971	4.259465	6.889451
4.581989	6.289359	4.7225	1.864369	4.287478	4.398606	2.331519	2.7722	5.990284
5.631638	3.666878	3.804332	2.785886	1.063708	1.340442	1.857423	2.993861	4.895608
3.146834	3.287734	3.095783	3.30375	4.60151	3.868479	1.956664	2.350119	2.721985
1.927043	3.813562	3.551297	4.581883	2.635435	2.836738	1.818321	2.796555	2.745956
2.208736	2.844929	4.356683	3.175837	2.145036	1.018361	2.400506	3.798249	2.626784
3.059808	3.035948	3.289668	3.86416	2.983261	2.37495	3.292731	3.566325	4.455566
2.02579	2.781206	1.508071	1.8178	1.464587	1.5183	2.124454	1.986668	2.456681
4.852169	3.667643	4.012477	2.91166	4.683913	5.043038	4.385621	3.315896	2.507237
7.635769	8.11971	6.611831	7.509016	8.668074	10.72588	7.785599	7.78285	6.911717
0.427625	0.970372	1.303166	1.281559	0.98105	0.450042	0.581026	1.017604	1.806637
6.046957	5.499012	3.53032	5.457091	5.923665	7.682264	6.489872	5.947573	4.541199
0.367076	0.371664	0.300236	0.268382	0.564543	0.800362	0.226182	0.471281	1.124036
3.208575	3.628066	4.587105	3.466627	2.762977	2.811187	2.894419	3.62699	2.823317
3.088359	1.173785	0.927075	4.530348	4.222296	8.25977	3.803445	2.772498	1.350578
2.047235	1.686392	3.004792	4.853806	1.926448	1.593785	1.773252	2.264777	1.7444
3.51092	3.223741	3.018652	2.950827	2.908698	3.923192	3.547313	2.942831	2.370976
5.692959	5.196331	3.663511	4.4697	3.34449	7.434453	6.582174	3.669549	4.779915
0.191412	0.589695	0.651007	1.679562	0.33718	0.256998	0.115168	0.342174	0.32826
2.935431	4.380863	2.429161	3.088493	2.820584	3.975835	2.005046	3.801389	1.7574
0.417235	0.352434	0.640429	0.135947	0.392568	0.193339	0.189873	0.103326	0.597242
3.488874	4.633618	3.351139	5.143223	3.695565	4.881035	2.947562	6.112969	2.537981
2.463825	1.280145	3.737428	1.926884	3.015296	2.242796	2.526679	1.498025	0.92187
3.887053	3.086171	4.362657	3.124704	3.730045	3.521763	3.768761	3.122122	3.760128
2.467004	2.660414	2.052124	2.25238	3.311378	3.135156	1.629139	3.509005	2.527359
6.199703	4.890361	4.897046	5.688458	5.596889	5.975267	4.520888	7.122028	5.500348
1.526765	3.918896	2.077314	3.316103	1.513634	1.761298	0.716742	2.756283	1.842359
8.615837	6.119009	4.011339	6.088799	7.180204	5.134045	6.428515	7.026089	7.176549

2.364532	2.61424	3.895682	5.191333	1.887187	2.779943	1.614878	2.034842	2.713918
1.935255	1.977683	2.695275	1.894479	2.928986	1.966281	1.603274	2.11352	1.361069
3.128429	2.496356	4.291865	4.972223	3.130621	2.534241	2.184495	4.920774	2.591655
0.203054	0.556917	0.311987	0.020393	0.049511	-0.01725	0.171491	0.583027	0.073734
6.277121	8.138115	6.999853	6.747757	9.110115	8.278613	8.450683	7.764125	8.827484
4.198279	4.401982	5.428707	4.52917	4.012048	3.749596	4.38833	4.617753	4.427138
2.428146	2.429275	3.535311	4.004989	2.686514	3.082077	2.540678	3.001943	2.311652
0.623777	0.997728	1.484817	0.725437	0.706071	0.761016	0.349884	0.761978	0.9417
4.365661	4.278982	5.114989	4.136092	4.268896	5.363868	3.320009	5.872723	4.404227
0.870437	4.286997	0.939691	2.620324	0.9041	0.778796	2.161871	2.18595	1.50266
2.849481	2.771053	3.462976	2.688263	2.382872	2.815852	2.471821	2.681985	3.013088
2.60473	3.04659	4.144518	4.442179	2.665009	2.053933	3.131935	3.671172	2.864508
0.123008	0.20118	-0.01314	-0.00562	0.15213	0.335727	0.06944	0.123533	0.643998
0.149564	0.083326	0.180804	0.000945	0.095872	-0.04463	-0.04537	-0.03487	0.117942
3.628911	3.64745	0.103306	4.452939	4.640299	3.119597	2.872905	2.780714	3.299169
4.347482	1.247524	1.65311	3.066421	3.436723	6.02317	4.441826	2.635071	2.57668
3.449063	2.67804	1.840066	1.858634	2.54766	0.822646	2.765373	3.03875	2.920724
2.688608	1.721177	2.747232	3.276933	2.616711	1.897542	2.916312	4.057271	2.325865
3.790207	4.652175	4.482443	4.940786	3.575862	2.836155	3.897341	4.091008	4.011185
7.436493	6.993988	4.18216	6.889732	8.151053	6.616682	6.736214	6.575324	6.589585
-0.05326	0.065304	0.28381	0.165402	0.052103	0.090215	-0.05326	0.080952	1.299894
0.832034	1.160366	1.80149	0.64076	1.345011	1.425283	0.747514	0.504076	0.369923
3.291385	3.009974	2.373266	3.369989	1.974786	1.17091	3.084367	3.333402	2.630387
6.586234	6.51721	8.074647	5.493476	6.991087	6.341769	5.711191	8.131234	7.960892
0.184318	0.042661	0.405313	0.131587	0.036888	-0.00392	0.027923	0.057092	0.046808
0.076935	1.162804	1.299944	0.545335	0.490284	0.303988	0.081949	0.304406	0.918065
3.748639	3.944483	3.902777	5.283738	3.70006	3.851442	4.083846	5.733436	4.067677
5.860973	4.948047	3.50499	6.056998	6.350021	5.973524	5.061361	5.453851	7.040961
5.700236	5.272322	5.777067	5.01054	5.117447	5.649929	5.63738	5.184247	5.674855
4.578747	4.639912	3.97775	3.828064	4.345746	4.019582	4.040074	3.92563	4.723455
3.495841	4.173555	5.305488	3.890418	3.505769	3.544735	4.003643	4.677205	3.990755
1.337149	1.757253	2.280547	1.043141	0.953667	2.374794	0.965141	0.871108	0.679574
1.952339	4.349963	6.278851	5.937818	4.499997	2.87264	2.64851	3.679696	4.067648
0.000681	0.014602	0.02077	0.007155	0.028428	0.009127	0.000681	0.000681	0.304752
4.003756	6.463536	6.601732	7.132955	5.629792	5.600074	4.531002	5.794671	4.649184
3.878166	3.995668	5.05666	5.07745	3.273038	4.725617	3.953482	3.967699	4.33093
4.141629	5.144467	5.923165	6.762393	3.991293	4.342927	3.619438	4.27454	4.247548
2.852205	2.066412	2.402988	2.670412	2.608202	1.589773	3.000554	1.685923	1.80299
4.803841	4.838335	5.279903	4.664863	5.416466	7.820701	6.26731	4.428746	4.745324
2.821895	4.436035	3.447853	3.217932	2.80193	4.668653	3.269234	1.774	1.840823
0.214018	0.165409	0.024436	0.029269	0.172384	0.021716	0.021066	0.074998	1.212093
4.647346	4.633868	5.80919	3.14097	4.065769	4.662817	5.036295	5.802902	3.199736
0.33928	0.273328	0.477954	0.193148	0.570277	0.805295	0.524458	0.24465	0.117109
0.183394	0.072395	0.130388	0.266779	0.086433	0.04041	0.281963	0.146236	0.4321
5.891146	6.836544	4.224632	6.381669	6.073154	8.609624	6.153629	5.807521	5.953444
4.056602	2.588732	3.409646	3.264332	4.238555	2.292843	3.262866	3.958315	3.501138
2.128332	3.151113	1.788573	2.25136	1.778563	1.52312	2.415004	1.78414	2.899286
1.836238	1.527977	1.818133	1.935824	1.448171	0.744531	0.43251	1.062614	1.55175
6.027841	6.451024	8.782887	6.745971	6.831665	7.859921	6.157008	5.597614	6.266653
0.048859	0.201697	0.144472	0.031891	0.054165	0.45453	0.036671	0.022553	0.078903
1.133845	3.568777	2.143061	2.41599	1.110401	1.729428	1.593512	1.816759	1.125081

2.699386	2.680342	3.116021	7.05589	1.86872	1.7977	2.166834	2.229916	2.438458
4.712052	5.988257	6.27768	7.807059	6.223186	6.058606	4.652842	5.053857	6.237209
0.252279	1.304093	0.300085	0.572956	0.229939	0.050299	0.166821	0.607346	0.329741
0.28753	0.309434	0.885219	0.14637	0.109641	1.007693	0.432892	1.21502	0.150212
4.822854	5.75793	5.347696	4.818268	4.121892	5.014892	4.319566	5.533879	3.067521
4.876931	5.24825	5.424046	8.258747	5.727879	5.22771	5.173705	6.637719	7.49755
0.076603	0.039608	0.193755	0.035263	0.03958	0.246376	0.73583	0.069658	0.032324
9.603166	9.841904	7.59038	10.715	9.193365	12.71626	10.79993	11.43355	7.587885
4.966837	4.981979	4.880862	6.03789	4.881383	4.822494	5.018584	5.084405	3.827029
0.663733	2.665266	0.987588	2.718387	1.527892	1.879511	0.347465	2.901053	1.376921
5.741919	6.933811	5.813781	7.451407	6.79002	9.626175	7.320602	5.188451	6.275625
3.581493	3.990599	2.570284	3.219506	3.735957	4.608373	4.426579	4.401215	3.31307
2.512035	3.802381	3.933228	3.897807	2.912779	2.531371	2.300352	4.417792	3.661148
1.322486	1.49493	1.646409	2.205956	1.337578	0.899516	0.583599	0.916872	0.89859
0.189597	0.075116	1.533652	0.059249	0.088805	0.116837	0.159147	0.067197	0.071601
0.626997	1.181142	0.376096	0.263746	1.003982	0.457115	0.435416	0.461437	1.147722
3.139223	5.131842	5.648332	5.860498	5.065397	4.552305	3.983374	4.762849	4.4143
2.86604	4.919114	6.120983	3.76517	3.005465	4.683564	2.761823	2.743909	2.71048
2.631849	1.521295	1.399666	3.988279	2.324672	2.576573	1.689765	0.722021	1.313717
4.440004	4.618099	5.100308	3.001122	5.604504	5.558884	5.161861	3.61747	4.742562
0.851486	1.045255	0.730655	1.759441	1.851592	0.796588	0.6086	1.53097	0.741352
5.600391	5.847964	5.968797	3.386388	4.430312	4.047717	5.608485	4.186698	5.534727
2.899841	1.344746	0.076928	0.315291	2.565435	1.730215	2.170637	0.572033	0.189042
3.713344	2.847815	3.58274	3.387482	3.685705	4.651044	4.404004	2.910569	2.860535
1.476662	2.326925	4.654592	1.303122	0.883172	2.339109	1.591959	3.865039	0.642342
0.458268	0.601384	0.293119	0.974011	0.145631	1.62117	1.154161	0.650141	0.176777
5.321266	2.543787	3.425203	2.722716	5.62459	5.022789	6.448511	3.69192	4.386051
5.53109	5.59114	4.953892	6.532421	4.879936	5.663703	4.141807	5.264181	5.918911
0.465005	1.120758	0.731131	1.034909	0.398639	0.510514	0.407435	0.957871	0.378765
2.442368	4.380378	5.643934	5.564549	5.11394	4.103652	4.137677	4.073479	4.828205
7.0917	6.674478	6.590628	5.288942	7.479934	5.001903	5.317914	6.757617	6.826711
0.297898	0.126898	0.166196	0.078194	0.213748	1.141241	0.978013	0.133022	0.597653
2.79043	3.015558	3.078981	3.242464	2.632901	2.457186	2.678217	3.157899	3.453504
1.825468	3.301228	1.129575	2.018325	0.963201	1.604157	1.276603	2.375776	1.527157
1.887431	3.207835	3.42092	3.457072	1.692066	2.06421	2.404141	1.623912	2.72492
4.215941	3.48386	1.484707	3.715989	3.466326	2.524653	3.563915	2.962154	4.208269
1.68016	0.902671	1.28675	2.293094	2.334483	0.354404	0.308707	1.301697	1.370436
2.58423	2.756754	1.383672	2.514581	2.102074	1.376968	2.146742	1.148446	3.204525
2.438623	3.919115	5.55172	4.464671	3.433766	3.124535	2.515678	4.942888	2.664285
9.383061	9.136004	6.564893	9.144937	9.598639	11.13796	8.868735	8.320739	8.629704
4.161573	4.547878	4.047994	5.163713	4.725476	3.548703	4.112499	4.499712	4.041407
2.412313	4.862786	2.513835	4.433997	2.253538	2.380633	1.729546	4.198333	2.373115
9.223426	6.168714	4.062138	5.541393	7.48428	5.60786	5.714311	7.15147	8.506715
6.175426	4.295372	3.142997	3.11615	4.81036	4.080454	3.364269	4.319717	3.487523
3.235636	2.181746	3.485004	2.776736	3.062072	2.233711	3.131952	3.639251	3.520767
1.4775	0.989303	2.408598	0.514513	0.675247	0.724159	1.344997	1.072096	2.085743
2.497531	2.682538	3.989182	6.257885	2.372742	1.639402	2.828251	5.380682	3.648609
3.809344	4.009241	3.449144	2.540056	4.652256	4.401512	3.799114	3.171105	4.363399
2.873714	3.196729	4.076444	4.196533	2.948663	1.866512	2.625633	3.536166	3.036358
2.09932	1.040099	2.993642	1.561786	1.426826	1.985462	2.771368	0.835065	2.567952
2.7078	3.710521	4.759916	3.712381	2.264484	3.112677	2.727884	3.969163	2.57146

1.664481	2.085696	1.879436	1.939532	1.003014	0.660442	2.150505	1.663121	1.705937
2.59931	3.165484	3.200962	2.736847	2.019595	0.174865	1.935212	2.94268	3.457588
4.36907	3.001618	3.690915	2.835411	3.138231	4.219745	3.094022	3.757491	3.671238
4.533838	3.964406	4.129307	4.490038	4.402335	6.175883	4.953706	4.156806	3.136057
1.199479	3.040639	3.958385	0.953844	0.832758	2.949798	1.97683	3.337435	0.608363
4.633219	4.202396	5.007796	5.553394	5.136548	5.420691	4.252498	4.775314	4.186295
1.811937	2.538377	4.346385	6.945523	2.549766	2.286728	2.247298	2.187555	2.452474
4.635171	4.942536	4.507011	5.994642	4.640864	4.339581	3.979825	4.862396	3.94717
5.036051	4.359331	3.905654	3.881323	4.973026	5.07669	5.131682	4.925947	4.950288
3.8768	3.36593	4.07339	4.66418	4.309017	2.600088	3.767637	3.589329	5.832642
3.995008	5.035596	3.15502	3.263864	4.898157	3.61972	4.503563	4.512077	4.798749
5.739397	5.115679	5.562231	5.27031	5.711701	7.215547	5.862958	5.376598	4.847778
8.737654	5.619191	3.270469	4.292459	4.930949	3.83548	5.510418	5.701002	7.541403
4.05465	9.29094	0.853749	2.696987	3.701487	3.80154	4.09759	5.637788	2.222224
2.795454	4.294141	4.137134	4.325541	3.638665	3.071141	3.229207	4.144506	3.107003
5.064237	2.519707	4.533305	3.012244	6.414043	5.355478	6.274983	5.470582	4.318017
1.908779	2.447247	2.27079	2.966799	1.180539	0.566618	2.00836	2.659215	2.269388
2.798927	3.520591	3.599366	3.707369	2.299178	2.902611	2.765893	2.132572	2.103681
2.07432	2.811444	4.452873	2.088302	2.033521	2.574084	1.928881	1.987674	2.302119
3.422797	5.136371	2.539397	2.611018	2.483626	3.464254	2.354495	1.853183	2.257224
0.261573	0.323649	3.563133	0.223197	0.22979	0.165502	0.184848	0.190743	1.334452
4.98463	5.706815	5.260527	4.881097	5.330944	5.77152	5.662806	6.116591	4.98641
4.487868	3.230917	2.570367	3.951944	5.69682	3.322232	4.232919	4.586716	4.366119
5.179784	4.959718	4.426462	5.630282	5.12779	4.765155	5.139371	6.402233	5.468169
0.381472	0.521786	-0.05596	0.332259	0.091833	1.594642	0.440251	0.085602	-0.03322
2.305269	0.681774	1.215775	2.062908	2.344669	4.321645	2.040733	1.581261	1.831385
3.788193	3.983235	3.894596	2.358387	4.061177	5.603531	4.761802	4.351488	2.982717
4.695349	4.865477	1.790905	7.548806	4.585539	4.359323	3.314597	4.039473	4.162775
1.692798	2.244185	2.933953	1.288024	2.217242	1.299363	1.64697	1.833524	1.81309
3.081091	2.500392	2.671661	2.238436	2.648489	2.197412	4.157349	3.275143	2.946281
7.034472	6.202241	6.412335	5.667551	6.709665	5.97666	6.379515	7.814865	5.587906
2.373156	2.909954	3.068103	3.724883	1.585405	1.911011	3.022557	3.468569	2.907042
0.643386	0.465562	0.456871	1.24013	0.604802	0.433557	0.442207	0.764279	0.156331
3.768481	5.092809	5.207652	5.136313	3.805858	4.600203	4.581222	4.683882	5.477673
2.856257	3.696458	4.584093	5.612841	2.525453	0.374888	3.114343	4.850015	3.270235
0.837216	4.814232	2.203927	2.672839	3.238298	1.640838	1.062079	0.997138	6.436876
1.816184	2.469156	3.130942	2.775952	1.583958	2.361575	1.138399	1.568998	1.492622
0.073715	1.095783	0.484918	0.062462	0.029955	0.064451	0.062296	0.083305	0.295709
4.554536	6.246959	7.667835	6.200059	5.583763	6.267506	4.798753	6.655203	4.771664
5.07365	6.915634	3.36613	5.332783	2.324912	5.816327	2.97194	4.237966	4.852812
6.189975	6.491088	7.862313	7.829344	5.255031	6.332518	5.926201	5.535138	5.247535
6.274271	6.369412	4.92057	4.932728	4.745865	5.826805	6.287561	5.942671	4.890542
3.822245	4.123412	4.829313	2.890471	4.515039	4.274208	2.872414	3.058844	3.406941
3.116535	3.770039	3.428741	3.660058	2.504779	2.080787	2.360733	4.325498	2.405986
3.514435	2.666282	3.537468	3.419195	3.746956	4.150713	3.941359	3.257676	3.339322
0.612263	0.157713	0.399516	0.195443	2.230587	0.124041	0.088359	0.162124	0.340493
0.264643	0.566443	2.100505	0.109643	1.211997	0.170981	0.414675	0.153622	4.772673
1.600107	3.064251	5.023943	0.912696	0.612153	3.976614	2.475452	5.28989	0.516969
1.001569	3.514816	4.748169	7.878628	2.080861	1.638958	1.330096	0.792005	1.63714
6.788855	6.86074	5.489666	6.352357	6.700917	6.904542	7.187678	6.184328	5.768965
3.739501	3.872077	3.600381	2.720103	3.810638	5.488094	3.531238	3.401095	2.870131

4.519271	5.885263	4.406242	3.228723	3.949091	3.047765	3.713847	3.744358	5.283414
3.563728	3.585633	4.628779	4.07474	3.275391	3.291046	3.37431	4.608993	2.851786
2.843471	2.568618	3.045915	2.752012	3.869651	3.499649	3.167249	2.894508	2.238045
2.534574	4.929441	3.620262	3.62661	3.39424	2.933066	3.542698	2.851083	3.855922
5.935993	4.602396	4.125739	3.597429	5.742602	3.025589	2.875317	4.909529	5.223451
5.245507	3.896689	4.237091	3.185013	2.408544	4.885813	4.894379	4.480439	4.693361
2.816829	2.323522	2.991975	2.58702	1.973885	1.728338	2.62298	3.028622	1.988487

TCGA-VV	TCGA-HT	TCGA-DU	TCGA-HT	TCGA-HT	TCGA-FG	TCGA-FG	TCGA-HT	TCGA-DB
1.032556	0.537416	0.371205	0.950477	0.552972	1.093701	1.162553	0.393549	0.954146
1.954192	1.065535	0.882295	1.56973	2.188462	1.986826	2.555609	1.163919	0.8813
5.503141	4.795997	3.342697	6.169384	6.597739	5.009775	4.752972	5.337299	3.613061
2.986261	2.396846	3.408424	7.425664	6.28593	1.686295	3.457902	4.159812	3.680429
1.39988	1.438927	0.879519	0.636725	1.101361	1.365257	1.811699	1.156172	2.317413
7.337419	6.224297	5.906883	5.775098	7.294036	6.171688	7.239337	6.927528	5.977058
5.51536	4.988036	4.875121	6.567143	5.734988	5.197163	5.062197	5.872837	5.666677
0.730646	0.55835	0.704449	0.545169	3.092709	0.456662	0.633771	2.32066	0.644634
0.224103	0.296425	0.175283	0.060826	1.594811	-0.09547	0.357271	0.206539	-0.05931
6.129262	4.592001	5.2083	4.642657	5.443289	4.734239	4.774624	4.968048	4.416276
4.492188	4.502874	4.564448	3.659153	4.399484	4.170731	4.294346	3.5787	5.959658
3.636148	2.741164	2.245353	2.618104	3.369266	3.005767	3.640953	3.847205	2.617918
1.908027	0.807858	1.354612	2.253024	2.481411	1.684676	1.616244	2.431719	1.887485
2.071608	2.319283	3.586793	2.772323	3.567029	1.970928	2.21109	3.727843	3.314178
5.726659	5.221364	3.274507	4.587061	5.120824	6.016601	5.550713	4.556008	4.498376
3.106704	3.168747	4.369651	3.108592	2.715479	2.905811	3.378367	3.263053	3.19562
1.232683	0.74895	1.012236	0.938783	1.177838	0.839205	1.347914	0.794829	0.687661
7.914797	7.294205	7.420284	9.006357	8.437965	8.63925	6.710734	7.791603	8.498504
5.787994	5.867426	3.431585	4.4241	3.730175	5.212974	5.070265	3.536311	6.521978
5.521408	3.558194	4.326668	3.784432	3.897606	4.07086	3.943925	3.653615	3.69067
3.199893	3.059486	3.741653	3.609641	2.38259	3.047044	3.276453	2.688799	3.051646
3.894203	4.375284	2.399249	5.547203	3.515246	4.780364	3.767684	3.325296	3.050803
3.063649	2.599282	2.106128	3.061572	3.427298	2.92907	3.039439	2.977574	4.319872
1.206109	0.536805	0.456888	0.297803	0.266251	0.307114	0.51556	0.44617	1.001783
3.758773	2.63427	3.117016	3.687628	4.130061	2.786273	3.742325	3.516785	3.37539
3.703016	2.279545	1.936049	3.417594	2.146206	3.628128	3.616142	2.319662	4.355864
1.303145	1.858536	2.475833	0.666297	0.686317	0.837949	1.2649	0.852539	0.615549
5.28997	5.901158	4.394938	4.058919	4.298266	4.375286	4.990422	4.397928	4.69061
2.535278	2.225978	2.164209	2.346337	4.758202	2.32004	2.600794	4.6488	2.568372
4.447858	4.59436	4.639694	4.192195	4.31381	4.463346	4.541064	4.183751	4.796029
3.286583	1.802673	1.771497	2.100593	2.334528	2.95675	3.497408	1.685481	2.402026
6.1134	4.61454	5.128083	3.829841	5.59553	4.322315	4.779447	5.528326	3.689662
4.146767	6.810275	4.991788	6.250658	5.044445	5.974613	4.871118	4.971691	5.179626
1.989381	2.223245	2.876054	2.022689	2.888103	2.428834	3.081951	2.080408	3.71612
3.179136	1.908699	1.974233	2.41371	3.969095	2.191131	2.329002	4.084524	3.538053
3.199741	2.648481	1.737249	2.572627	1.703845	3.272182	3.195623	1.509318	3.349772
5.636048	4.876322	5.555274	4.570955	6.7544	4.909429	4.680438	5.968911	4.903373
3.727818	3.188148	4.206741	3.385766	3.952598	3.368071	3.288572	3.609332	3.415157
5.433539	3.909897	3.474238	4.797688	5.412395	5.046665	4.871707	4.610904	4.129811
0.09588	0.092658	0.062169	0.082593	0.126382	0.136144	0.074551	0.068961	0.15012
1.246055	0.530437	0.555401	0.500992	0.475172	0.20923	0.316871	0.543664	0.364067
1.559118	2.089519	2.381164	1.954777	3.82084	2.051408	2.430505	3.333492	3.220572
3.253966	2.34309	2.323248	2.480609	2.361159	3.306294	3.709549	1.240595	1.584462
0.609169	1.131863	0.405314	1.132455	0.918851	0.92409	1.288118	0.878596	0.761048
0.274137	0.672854	0.664488	0.725172	3.002174	0.385721	0.335051	2.225569	1.364354
10.79805	9.83488	9.813346	10.56552	10.1344	10.24433	10.36596	9.596889	10.79413
5.337582	5.510812	3.986194	5.326427	7.144465	5.376508	5.566217	7.016157	5.273472
3.777483	2.958357	3.613653	3.275539	5.170311	3.099639	3.449855	5.064939	4.694798
1.39384	0.904355	0.677739	0.37266	0.648677	0.450127	0.954156	0.447261	1.026455

0.211223	0.769539	0.458984	1.660799	0.808908	1.326734	0.567709	1.1633	0.805718
0.715817	1.308983	0.608181	0.222578	0.423769	0.558966	0.673836	0.859619	0.356649
3.239057	2.722503	1.130719	1.638403	1.91088	2.32835	2.354127	1.498133	3.042796
3.977207	3.616461	5.12299	3.938938	4.732556	3.599239	4.001937	4.600998	5.819984
3.786333	3.760797	5.043241	5.055845	3.829098	3.257459	4.157343	4.307994	3.657429
0.297418	0.022438	0.15102	0.137648	0.118775	0.159304	0.231129	0.104605	0.240065
0.752967	0.570677	0.581887	0.36194	0.733413	0.479719	0.583549	0.438626	1.19343
6.97088	7.225714	9.968475	8.538738	7.42681	7.302466	8.00342	7.547219	5.891416
8.260191	7.708581	8.949769	8.976121	8.090678	8.989433	8.156242	8.215603	9.198452
4.265172	4.622518	3.454844	2.188034	5.121589	2.834184	3.389611	4.458418	4.899354
1.91154	1.082384	1.21225	1.495064	1.088862	1.409774	1.171495	0.744131	1.540318
4.916872	5.723787	6.381393	3.731247	6.378435	4.341924	4.90966	5.785885	4.853418
2.446102	0.742395	1.28504	2.177088	1.732353	1.917342	1.382337	1.001939	1.536217
3.334384	2.870704	3.012887	2.255044	4.008749	3.374081	3.925966	4.157337	3.447872
0.402834	1.213961	0.480939	0.941323	1.655271	1.089929	0.75187	0.637121	0.863047
3.579719	9.567807	9.239862	7.762816	9.038448	8.169011	8.45857	9.726618	7.347598
4.436554	3.424227	2.277055	2.831229	3.027359	3.416727	3.726271	2.632197	2.761177
4.710328	3.297637	2.770043	3.106816	3.586212	4.009288	4.302489	3.287771	4.369946
0.927619	1.730014	0.912857	0.210232	0.860655	0.451724	1.067596	0.989819	0.766756
5.629588	4.741388	5.34474	5.175718	5.30751	4.574578	4.919198	5.315064	4.226814
3.581466	3.392343	3.333551	3.178988	4.962823	3.42959	3.757859	4.511777	3.15437
2.64143	2.056328	1.590576	2.554529	1.818603	2.468103	2.749274	1.198773	2.138548
2.638874	2.46984	2.808007	3.094482	2.607704	2.888539	3.055396	2.71209	4.29184
3.495497	3.751808	4.443791	3.935974	6.822457	3.363646	4.024777	6.487733	4.284714
2.530629	4.142061	6.256585	2.87616	6.920474	2.528126	3.92787	6.468969	3.705769
0.630222	5.201115	6.338113	4.786298	4.671259	1.768769	5.229488	6.499985	4.901756
2.445244	3.230775	4.253385	3.906444	2.938895	3.262693	2.778611	2.823964	2.348255
2.921553	1.961242	2.036322	3.760265	2.19355	3.18672	2.560697	1.8268	3.312701
3.024353	2.970097	1.826858	2.501833	2.306195	3.276403	3.273402	2.356385	2.981614
2.933837	2.589003	3.054004	2.893051	4.083675	2.955126	2.796682	3.553758	3.148158
1.486492	1.830424	1.292723	2.270866	2.665526	2.158024	1.878857	2.410748	1.743289
4.596167	4.949826	3.908031	2.350809	3.562517	3.194793	3.992328	3.764915	2.866348
7.506794	6.91516	5.908688	7.080588	8.040293	6.980677	6.795061	6.94859	7.267222
1.318051	1.321814	0.674826	0.947614	1.421153	1.125789	1.051763	1.87145	1.425704
5.453307	5.023226	4.764926	5.546507	4.781419	5.246328	5.342109	4.520743	5.122817
0.260004	0.972483	0.474434	0.849002	1.229906	0.178329	0.814349	1.201133	0.871114
4.237544	3.419168	2.408641	3.454066	2.301097	3.28295	4.153626	2.795503	2.758944
1.805129	1.056933	5.337319	3.120254	3.79496	3.286635	2.516799	0.964087	1.944229
3.374708	1.837988	2.183867	1.932553	1.966426	1.643196	2.187099	1.799669	2.698488
2.448236	2.394832	2.855777	2.225921	2.766017	2.716752	2.698586	2.133966	3.09349
3.407482	2.780228	4.194428	1.72866	4.015769	4.344063	4.241791	3.189071	2.101632
0.150179	0.244003	0.158019	0.171765	0.278743	0.129451	0.568778	0.146425	0.183278
3.349527	2.263273	2.986492	3.240409	2.516046	3.495028	4.085345	1.314059	2.189569
1.133333	0.619308	0.31716	0.155083	1.917032	2.053886	1.709113	0.371076	0.091827
4.077812	2.815849	3.353614	4.144902	3.28923	3.225146	3.75939	2.116309	3.310489
3.182646	3.4356	1.344331	0.929785	1.705969	1.493148	2.554213	1.591292	1.210882
3.651962	3.603205	2.932679	2.623715	4.569052	3.409768	3.92233	4.251774	3.237875
2.459027	2.075735	3.176623	2.896676	3.576841	2.606147	3.112763	2.104855	3.117645
6.95845	6.678579	4.109867	6.55372	5.49266	6.380554	6.89679	5.343646	6.503757
3.079245	2.152165	2.231314	2.578904	2.494628	3.058419	3.401955	1.520219	1.389575
3.773954	7.282717	5.23583	7.624384	7.029353	7.453598	6.960961	7.382039	5.996014

3.338412	1.662546	1.689695	1.481693	2.838568	1.821905	2.279808	1.94787	2.984457
3.358696	3.326693	1.226831	1.855168	2.012232	1.993308	2.512336	1.976534	2.321657
3.877108	3.260905	2.03678	2.54795	2.418233	2.861521	3.146007	2.984893	3.784401
0.477968	0.084158	0.281249	-0.0076	0.104269	0.789735	0.928056	0.04828	0.20599
8.086803	8.624099	8.781628	9.145624	9.167898	7.132275	8.366956	9.370257	7.304251
4.571756	4.059359	3.622965	4.209128	4.593475	4.638856	5.47727	4.46901	5.059587
3.731381	2.521335	2.069158	2.197096	3.017178	3.449514	2.658409	2.279206	2.947302
0.608407	0.339164	0.550998	0.670416	0.695363	0.296053	0.56054	0.522619	0.786562
3.660454	3.912214	4.40604	4.257154	3.934954	4.235202	4.204436	3.893619	4.80856
0.855501	1.359663	1.810124	1.566229	1.401043	1.708856	1.619345	0.833897	2.550624
2.631061	3.137423	2.182672	1.704293	3.671516	2.449718	2.810088	3.230802	3.065625
3.890791	2.709419	3.123012	3.070628	2.386294	2.854607	3.411064	2.39362	3.924779
0.078279	0.153591	0.158739	0.009674	0.677835	0.136221	0.122963	0.221309	0.480294
0.048028	0.033959	-0.01152	-0.01054	0.30182	0.057969	0.099728	0.09774	-0.03222
1.927837	3.155366	1.088307	5.219647	2.925279	2.893244	3.460456	4.421228	3.692973
2.455634	3.162852	0.995755	4.692049	3.173129	3.686975	3.710529	3.391833	2.598185
1.56626	4.701643	1.17714	4.810171	3.08758	4.675717	3.779847	3.280603	2.338827
3.99525	2.966527	2.300047	2.753084	2.520203	3.647247	3.815505	2.339287	2.895805
4.409241	3.692435	3.64606	3.699298	3.918584	3.400594	3.976161	3.313725	3.888395
6.47554	7.338205	6.550812	8.790398	7.138993	7.510464	6.702806	7.158317	4.83123
-0.05326	0.088146	0.020094	-0.05326	0.082256	0.080316	0.007708	0.818888	0.279961
0.521945	0.539825	1.296074	0.541765	0.898606	1.05063	0.397758	0.441768	0.447621
3.676987	4.234887	1.940918	2.712206	2.037551	2.680919	3.883434	2.883042	3.349782
7.524381	7.609354	7.588485	6.756926	8.418986	5.975676	7.228248	8.156082	8.581239
0.043824	1.151942	0.010704	0.016955	0.023362	0.20928	0.165025	0.189178	-0.00718
1.070283	0.124458	0.150386	0.111767	0.833059	1.489014	2.103643	0.578276	0.281167
4.357477	3.344198	4.040699	4.121477	3.539953	3.861494	4.311684	3.909785	5.889028
4.88635	5.236829	5.811942	5.885815	6.674643	5.411629	4.761247	6.963591	5.443698
5.111336	5.094433	5.102716	5.014052	5.820764	5.441212	4.987181	5.310142	5.065106
3.050118	4.402892	4.523257	5.293577	4.965576	4.87485	4.420224	5.032522	4.28598
5.123446	2.768387	2.749049	4.127662	3.484035	3.676713	3.895217	3.699347	3.820655
1.171801	0.789541	0.606621	0.538864	0.738882	0.658359	0.845855	0.519459	0.778335
5.725063	2.501823	2.666606	2.200875	5.422658	5.661106	5.398042	4.320375	3.37106
0.000681	0.014935	0.019979	0.000681	0.186669	0.000681	0.02204	0.033065	0.052534
7.13072	3.916418	4.464327	3.939662	6.155948	6.324136	5.980389	5.560821	5.484172
4.375761	3.916119	4.080289	4.353544	4.128371	4.175184	4.022832	4.196258	5.005485
4.038689	4.408922	3.415285	4.97441	3.956741	4.41416	4.397424	3.762608	4.718182
4.097465	3.621184	1.968697	1.41342	2.907553	1.550416	3.301643	2.293193	2.251297
4.091685	3.889968	4.515124	5.046015	4.780753	3.28563	4.953172	4.671968	5.067268
2.465374	1.306459	2.004507	0.665511	2.025658	0.928208	1.218996	1.226478	2.809554
0.007441	0.326634	0.213207	0.156871	1.443538	0.172529	0.078587	0.434528	0.265366
4.202435	3.074373	3.142712	3.496998	1.88812	2.992986	3.062131	2.629312	6.990443
0.556342	0.350749	0.168325	0.2486	0.264689	0.189101	0.203126	0.166042	0.21697
0.043352	0.084783	2.149286	0.274877	0.43408	0.050361	0.158559	0.343873	0.752832
5.228504	4.866161	5.084617	5.839213	6.457589	5.018392	4.770435	6.163355	4.329843
4.246093	4.650952	3.191152	4.931011	3.785707	4.954901	4.876394	4.36684	3.859999
1.365912	3.410742	1.936294	2.510489	2.764842	1.766584	2.073814	2.216402	1.659938
0.317177	1.847068	1.643724	1.614828	1.584446	3.14638	1.98735	1.196577	1.80145
6.831285	5.807589	6.173192	5.504146	6.59286	6.038667	6.244855	5.441771	5.745607
0.029713	0.044586	1.1014	0.155641	0.124751	0.047826	0.012251	0.041749	0.034865
1.634856	1.159917	1.901382	1.249004	1.072705	1.493928	1.720852	0.728475	1.26053

2.513609	3.186413	2.017127	2.990424	1.900273	2.849177	2.87205	2.182871	3.815382
6.259481	5.178061	5.352528	9.279356	5.65051	5.605065	5.049152	5.250895	5.67951
0.151383	0.182476	0.242509	0.277348	0.747605	0.227816	0.377041	0.233855	1.270605
0.11297	0.08542	0.077166	0.06105	0.269923	0.127236	0.172576	0.53215	0.673806
4.860557	4.48767	5.0452	3.67702	3.472228	3.81425	5.613506	3.081352	4.307879
4.199403	5.512419	4.189177	5.014121	7.148558	5.016966	5.096712	7.02135	5.825175
0.243478	0.304373	0.196913	0.041033	0.192729	0.058813	0.174427	0.064927	0.090171
11.63494	8.896469	8.191466	7.162402	8.446566	9.120097	8.892407	7.929766	12.04103
4.359878	4.495427	3.319414	4.582943	3.631699	4.504682	4.440995	3.397722	4.487002
1.876098	0.318859	0.623476	0.876442	1.763566	1.67292	4.558645	0.801632	1.459037
4.89773	4.506155	7.170988	4.923125	6.120582	5.334697	5.760429	5.276197	5.149208
4.268092	3.607736	2.396826	3.48162	3.69367	3.382595	3.127843	2.488918	3.875182
3.206045	3.751654	3.025686	4.032579	3.613669	3.757428	3.954235	3.450697	4.483491
1.027706	1.325424	0.693678	1.004905	0.978268	1.008212	1.245374	0.950555	1.150911
0.044757	0.061902	0.758045	0.046423	0.090512	0.041066	0.061904	0.116898	0.085409
0.339304	0.610911	0.182451	0.367824	1.500837	0.524927	0.729003	0.893472	1.290144
6.104466	4.326582	5.904557	6.08709	4.57705	5.060717	4.855125	3.87939	6.361869
5.626655	1.930616	2.248983	1.652896	3.219427	1.520916	2.628373	2.63046	2.533694
2.145784	1.810752	0.934577	0.594689	1.867702	0.977173	1.628768	1.0347	1.679172
5.913415	5.670883	6.945897	4.154832	6.204613	5.860412	5.331244	5.746221	3.566975
0.927672	0.163049	0.599197	1.158849	0.347927	1.836017	4.131419	0.975397	0.647841
3.654211	4.795511	4.235329	3.171824	4.919417	4.488251	4.839536	4.955467	5.297874
1.47479	2.043904	0.350812	0.653857	1.659781	1.105456	1.483923	0.918065	1.080592
3.397457	3.460712	2.817629	2.634954	3.533488	2.616714	2.984113	3.202374	2.487035
1.446107	1.013537	0.74377	0.89258	1.026697	0.953427	1.456894	0.715829	2.653528
0.468715	0.86526	0.258532	0.332735	0.475841	1.231594	0.968765	0.493789	0.30413
4.348842	4.482378	2.401099	4.379062	4.622384	5.141217	4.480604	4.516599	3.816996
4.951307	5.633971	6.769456	7.435875	5.31066	5.222347	5.65897	6.437193	5.131896
1.292541	0.613786	0.418504	0.554504	0.491924	0.811166	1.03392	0.290964	0.556112
6.402671	2.313539	3.0184	2.601268	4.351808	6.289879	5.861093	4.385384	4.120888
5.543728	6.739389	6.715797	8.254506	7.15736	6.890267	6.97603	7.168669	6.830325
0.409171	0.156275	0.193279	0.147056	0.42497	0.128248	0.191866	0.417841	0.428061
2.616996	2.68085	2.830446	3.440941	3.079261	3.1597	2.900939	3.017921	3.050983
2.284106	1.290067	1.450922	2.072236	1.3041	2.380175	2.923954	0.969367	1.362152
2.556389	2.794175	2.640121	2.426682	2.572918	2.274688	2.454144	2.578084	2.068032
2.36794	3.898756	1.772138	5.221862	3.586801	4.436427	4.382639	4.327898	3.339275
1.451189	2.6495	0.573153	2.509524	3.125129	1.442652	2.124862	2.812472	1.048437
1.764659	3.056256	1.039755	4.29094	2.821713	3.14944	2.367903	3.317655	2.005759
4.699036	3.572487	3.985735	3.147186	3.465783	3.745167	3.753151	2.840901	5.169277
7.700136	9.768733	11.05062	8.453491	9.218545	9.21305	8.731958	9.509453	6.928558
4.349533	4.50054	4.055205	6.266478	3.853295	4.8056	4.528249	3.943923	4.841493
4.355434	2.604886	2.099488	3.791909	2.400205	4.26574	4.369899	1.354264	2.985921
5.311579	7.899238	7.155119	9.727006	8.075887	7.702252	8.212973	9.136956	6.865357
3.751183	4.958096	3.54989	3.694446	2.57092	3.67997	4.317136	4.83774	3.592934
3.853876	3.96064	2.193448	3.034446	3.478465	3.747674	3.851016	3.360736	3.930055
0.669524	1.751988	1.527922	0.38639	2.165757	0.690613	0.783771	1.811996	1.978375
2.435689	2.671594	2.023727	2.956201	3.202696	2.896843	3.477743	2.796067	3.538632
2.95478	3.457784	3.568401	4.37401	3.825591	3.463143	3.14879	3.986634	3.937905
3.460063	3.225674	1.832805	3.053265	3.093495	2.719029	3.11258	3.20979	4.091969
0.321127	1.826524	4.50409	1.159975	1.886183	1.520978	1.891029	2.642389	1.359822
3.930759	2.69044	2.80058	2.989298	2.010562	2.842334	3.267858	1.400603	3.485198

1.977467	1.873151	1.426763	1.484703	1.308558	1.676871	1.876515	1.314827	1.383516
2.121272	3.593304	3.864316	1.920679	3.513967	2.025444	4.088129	3.724154	3.993795
3.733339	3.922363	6.422939	2.939441	5.481744	3.931442	2.840705	4.77556	3.071966
4.282797	3.901971	4.346353	3.551789	4.024052	3.760143	3.449931	3.948005	4.49585
1.284925	0.732425	0.996982	0.872349	1.060367	1.007856	1.318693	0.691729	2.653741
4.482634	4.373222	3.716334	4.214972	4.968065	4.458717	4.198382	4.340829	5.639452
5.807591	1.884823	1.509127	1.289748	2.081525	2.338492	1.813581	1.607896	3.099065
4.273701	4.320159	4.407902	5.757667	3.748855	4.439027	4.894314	4.193768	4.739844
4.497326	5.036538	4.258743	4.93269	4.790113	4.959411	4.642255	4.990395	4.255272
3.804261	4.239154	3.807388	5.870183	5.173316	4.990147	4.467958	6.550481	4.047802
4.854749	4.94988	4.465493	3.93644	5.136651	4.516644	4.993445	4.317946	5.118707
5.300598	5.174198	5.167075	4.597791	5.198207	4.624577	4.252705	4.816916	5.984431
1.760879	7.376904	9.46267	7.172267	7.215838	5.175446	7.426772	9.181227	6.658821
3.909452	4.583407	0.80895	4.47248	3.069271	5.456794	6.250515	2.826134	3.939869
3.774544	2.802976	2.245239	2.832576	3.787714	3.568518	3.484193	3.00858	3.475517
7.704804	5.902114	5.335085	3.085618	5.768263	7.296568	6.852232	6.456206	2.730814
3.35683	2.43924	1.400127	2.438784	2.066566	3.105032	3.238573	1.872728	1.88257
2.453973	2.526218	2.128941	2.428325	2.355915	2.116637	2.640174	2.227431	2.685822
2.945543	2.175367	3.403654	1.995587	2.433063	2.450381	2.909699	2.415381	2.409205
2.872482	2.251435	2.087384	3.50786	2.619786	2.259313	2.79524	2.513928	1.917407
0.425456	0.269613	0.121948	0.314292	1.934046	0.0684	0.149796	1.265428	0.079704
5.972549	4.391668	3.793819	4.506804	4.507676	4.752327	5.497437	4.658082	5.909511
3.471081	4.469525	4.075433	6.000481	4.174652	4.345447	4.362256	4.942162	5.014945
5.58222	4.77568	4.998318	5.945491	4.715945	6.094247	5.707067	4.900337	6.200373
-0.04381	0.097565	-0.08678	-0.08567	0.0202	0.307334	0.039015	0.383808	-0.07811
0.672206	2.051762	0.672988	4.523862	1.823586	2.839662	1.154981	1.159221	2.670732
4.020737	4.029932	3.534238	1.924315	4.567283	3.652958	4.192908	3.474195	3.048953
4.082514	4.571166	2.329608	4.721327	4.427745	4.767777	3.279993	3.959571	3.38738
2.109152	3.038082	1.431195	1.484157	1.90841	1.525615	1.711259	1.880808	1.454314
5.303937	3.686215	3.520798	3.32254	2.83568	3.89884	4.498603	3.205186	2.524776
7.174883	6.769827	5.816716	6.514392	5.402807	6.448197	6.89103	5.241141	5.965591
3.563546	2.099268	4.086505	2.852779	2.058396	3.215104	3.34007	2.503366	4.071009
0.872053	0.762265	0.313439	0.159022	0.461027	0.477235	0.723277	0.267327	0.757096
3.727874	3.924426	4.572493	3.771199	5.183118	3.526177	4.077103	4.592452	4.575199
4.69982	3.104818	3.238692	4.104317	2.783593	3.906403	4.137373	2.343804	3.651127
0.491965	1.45758	1.632428	2.36046	6.251562	1.282859	1.017371	3.73438	2.800726
2.341646	1.732677	1.669949	1.760795	1.569157	1.656089	1.794004	1.61534	1.622801
0.112915	0.26475	0.141519	0.238095	0.148807	0.146963	0.047105	0.252276	0.100209
6.400831	5.219152	5.425974	5.195911	5.129194	5.631693	5.733343	4.253502	6.67517
4.21103	3.093054	5.011914	4.924008	4.510927	4.653712	4.625046	4.887629	4.603375
5.094088	5.111263	6.255044	6.628129	5.175726	5.042415	6.343394	6.027559	6.689466
4.696855	4.100297	6.155579	3.689529	5.224703	5.161947	5.539631	6.155901	5.846222
4.224853	4.40853	4.197516	2.835354	4.440057	3.360822	4.138124	3.905753	3.012802
3.539976	3.410707	2.636552	3.374759	1.699171	3.141976	3.788938	2.678101	2.860207
3.331335	3.356584	3.277512	2.91137	3.46414	3.467795	3.526856	3.022489	3.508708
0.044825	0.212942	0.048486	2.636138	0.970666	1.036816	0.255051	0.735851	0.149001
0.106562	0.366414	4.203224	0.531392	4.108912	0.407048	0.285799	0.899563	1.820077
1.334253	0.566995	0.621973	0.548601	1.225276	1.141452	1.6215	0.400253	1.693859
1.685273	1.36339	0.899565	1.038816	2.161705	1.690458	1.265416	1.009728	1.440268
5.621054	5.605135	5.774157	5.640841	6.169735	5.932564	5.793226	6.627295	5.526851
2.686976	3.667911	4.156946	3.307855	3.803091	3.518399	3.637806	3.661875	3.000917

3.773787	4.607363	4.23466	4.847554	4.999715	4.557333	4.037457	4.991929	3.686757
3.58031	3.677899	3.363673	2.88548	3.324054	3.450853	3.754067	2.937081	5.108547
4.423713	3.777638	2.986359	3.852272	2.877699	4.531786	4.740253	2.581415	4.022475
2.139442	3.720962	2.724023	2.828686	3.489335	2.5223	2.841315	3.711868	2.215247
2.071825	5.839004	3.749929	4.88676	5.572765	5.762729	4.897952	5.662446	5.697918
2.831836	3.488808	2.949233	3.42622	4.344431	3.014999	4.539187	5.538125	4.480758
2.615441	2.455033	1.497403	2.174429	2.270858	2.610817	3.265586	2.011346	2.793333

TCGA-VM	TCGA-P5-	TCGA-FG	TCGA-FG	TCGA-DU	TCGA-HT	TCGA-HT	TCGA-S9-	TCGA-P5-
1.334453	0.077322	0.496052	0.561027	1.098061	0.793349	1.091929	0.562993	1.02628
1.477946	0.27252	2.73402	0.677705	4.954855	3.163366	2.224247	0.909966	1.069802
4.655035	3.723082	4.544919	6.064848	5.196802	5.996808	5.682562	5.57673	5.748763
3.645396	1.842882	5.386646	3.748327	1.532337	6.317898	7.944989	3.386663	2.83577
0.850117	1.102843	0.882576	1.500613	1.5491	0.999705	0.689958	1.056821	0.975977
6.591253	7.33209	7.747475	6.576994	7.773355	6.920261	7.840492	7.1294	6.987367
6.122535	6.041948	5.823994	5.680649	5.577998	6.009941	6.363628	6.040605	5.472197
0.609955	0.516596	0.59351	2.373545	1.061587	0.647795	1.219358	0.792271	0.753716
0.038353	0.208973	0.097064	0.145788	0.503494	0.105917	0.126709	0.201115	0.116388
5.580007	5.835824	5.546159	5.57583	5.407555	3.420586	5.257527	6.336403	5.580505
4.616549	5.645589	4.120076	4.264998	4.865726	3.952184	4.605715	6.383888	4.253159
3.238328	3.312611	3.498017	3.723902	3.683016	2.864096	2.670195	2.974664	2.809409
2.275003	1.117676	1.574897	2.077844	2.144458	3.302308	2.808163	2.209645	2.186876
2.942503	2.315972	2.816613	2.995285	2.842131	4.387416	2.69648	3.569042	3.379246
6.472744	4.051548	6.691133	5.582875	6.083823	4.733117	5.787151	4.71954	4.818991
3.190798	2.49918	3.121891	3.094747	3.017903	5.04956	2.332166	2.501706	4.048284
1.041924	1.240653	0.733536	0.757808	1.087857	2.806641	0.871662	1.165306	0.870753
8.534908	7.1493	10.68976	7.368813	9.323431	8.458781	10.14094	7.794803	8.559473
5.365821	4.775782	4.63963	4.982093	4.875523	3.824306	3.922298	5.681076	4.926438
4.700015	2.937114	4.346815	3.751087	3.695006	4.627414	3.268422	3.751008	3.40119
3.401481	2.224321	3.432402	2.999222	3.003778	3.393824	2.901557	3.264835	2.95006
3.680342	2.918317	3.935762	3.511469	3.501459	3.534312	4.714207	2.854926	2.8116
2.772328	2.139752	3.063211	3.084652	2.69164	3.359884	2.53565	2.864268	3.14626
0.635444	0.996419	0.62583	0.523087	0.32705	0.368963	0.223595	0.55554	0.356193
2.77945	3.790495	3.35514	3.616726	3.042876	3.729282	2.460222	2.35545	3.551807
4.83089	2.37217	2.960212	2.658804	2.918937	4.925385	2.720474	3.884598	3.513383
1.043722	0.654117	0.878015	1.266347	0.861119	0.433827	0.356793	1.204862	0.61276
4.830207	4.999612	3.875291	4.658686	4.557741	4.129912	3.805058	4.819647	4.259406
3.011072	2.27282	2.855053	4.319822	3.349818	2.461457	2.75435	2.205709	2.688582
4.502403	5.117555	4.615749	4.724697	4.325589	3.914276	4.705882	4.973917	4.279744
2.817082	3.711713	3.174414	0.953072	2.483001	4.242189	3.796749	2.169618	1.336579
5.123235	3.951758	4.606188	5.283953	4.19404	3.814835	4.666427	4.640544	4.855376
4.915404	3.602927	4.685716	4.565257	5.576718	5.176086	5.407674	4.630943	5.335239
2.737324	2.472738	2.657529	2.620574	3.313655	3.114945	3.194	3.016224	2.642858
2.364601	2.247169	3.823497	3.216173	4.867106	3.130378	5.051852	2.025433	2.79805
3.0625	2.0555	3.027003	2.360677	2.75768	2.869315	2.670191	2.427823	2.280964
4.908316	6.47365	5.061409	5.559167	5.122796	4.490283	5.365637	5.626266	4.9453
4.115004	4.396077	3.368787	3.327169	3.66661	4.063053	3.811467	4.175241	3.335794
5.0516	3.726303	6.230024	4.235021	5.743667	5.90987	5.302396	5.452958	4.139895
0.077681	0.105664	0.087121	0.101349	0.13433	2.239738	0.189603	0.103086	0.128484
0.251162	0.120355	0.495981	0.240629	0.457916	0.371536	0.470956	0.561427	0.384217
2.08108	1.951989	1.983964	2.834547	2.604829	2.995046	2.555605	2.804957	2.536625
3.579301	0.61341	3.433139	1.272643	2.435288	5.094936	2.389717	3.270828	1.856133
0.772899	0.043687	1.725272	1.486872	1.23326	1.893542	1.442855	1.019921	1.523559
0.218743	0.375983	0.517159	1.848808	1.697361	1.639375	1.8025	0.61323	1.425059
10.72515	8.14301	10.51032	8.796128	10.53201	12.27862	11.00458	11.31395	9.902078
5.656725	6.078229	5.251056	6.806749	6.001018	3.795296	5.741105	6.303777	7.021212
3.690283	3.453977	3.359369	5.046166	3.800332	2.372004	2.99745	4.39777	4.320563
1.204905	0.834652	0.378049	0.883483	1.079576	1.080349	0.276388	1.650931	0.678893

1.155235	0.121271	0.987655	1.283933	1.33441	0.692216	0.605292	0.341445	0.97231
0.846784	0.336612	2.483623	0.585448	0.643454	0.355337	0.314245	0.764052	0.625392
2.124176	1.478852	1.991622	2.525201	2.322383	1.416594	1.090389	2.34227	2.008689
4.03179	3.916832	3.650182	4.603969	4.084998	4.532548	4.284306	4.774138	4.69607
4.631412	3.900093	4.301943	4.358998	3.587635	4.981504	3.250029	4.627261	4.980961
0.332203	0.056043	0.26798	0.044477	0.248141	0.502733	0.117564	0.293916	0.098316
0.628857	0.621272	0.571039	0.634457	0.443769	2.644197	0.45895	1.467572	0.472068
7.474691	5.569004	8.815256	6.514	6.774222	8.520846	8.798014	6.615498	7.465565
8.6861	9.026308	8.175943	7.881253	8.269971	8.86577	8.351274	8.641368	9.64088
2.882557	3.756127	3.632478	4.743138	4.450022	4.025942	3.507118	3.583441	4.136665
1.834467	1.199574	2.674973	0.94991	3.907361	2.810854	2.426825	1.45419	1.061663
5.335779	5.165205	4.680036	5.014962	4.97524	4.978731	5.415002	5.940697	5.346012
0.943592	0.945632	1.931706	0.744736	2.253772	4.261227	3.95466	1.385418	1.605693
4.373947	4.231482	3.438992	3.846154	3.266658	3.150604	4.107035	3.334775	2.898986
0.529175	0.634168	0.929563	1.246588	0.894054	0.433189	0.646145	0.749466	0.648286
8.005219	3.33171	7.628826	9.417452	7.935348	9.311048	10.24606	8.125191	10.05605
3.510206	2.614129	3.666845	3.280805	3.587142	3.684711	2.393639	2.972879	2.829403
3.912314	4.292999	3.933907	3.586618	3.550565	3.727021	3.425508	3.996295	3.527111
1.09205	0.818088	0.488207	1.075121	1.030194	0.249618	0.557907	1.151267	0.801995
5.389353	3.43182	5.188914	5.371547	5.223381	5.699923	4.028604	4.913411	6.62458
3.322281	3.128866	3.454383	4.415598	3.850679	3.376323	3.622585	3.414885	3.659166
2.633803	0.750259	2.589823	1.043351	3.181456	3.952903	2.830989	2.525128	1.994081
2.595155	3.801449	2.500775	3.013179	2.718936	3.070739	2.632194	2.513141	2.396355
3.238476	4.101754	3.966322	5.989086	4.868392	3.780558	4.888589	4.192877	4.728745
2.621247	1.370067	4.363293	5.613705	5.459111	5.124329	5.410343	5.259571	5.776889
3.656297	0.843283	5.730789	5.227051	2.622197	3.823702	1.691527	4.585518	5.089379
3.386554	1.62107	2.824017	2.271941	3.180302	3.304209	4.118542	2.512135	2.41709
3.55624	1.62173	2.930835	1.904459	3.26221	3.790342	3.537573	2.276856	1.998149
2.906724	2.579733	2.497638	3.120644	2.873227	2.70368	1.64954	2.496225	2.307736
3.31501	3.649748	2.231542	3.883939	3.272369	3.127986	3.63525	3.204629	3.328517
1.51716	3.63794	1.975361	2.806108	1.781935	2.532058	3.006013	2.810401	1.867712
4.318646	4.187237	3.757703	3.73384	3.636993	3.909312	3.15847	4.252114	3.907144
7.163626	6.002938	6.840792	6.654572	7.218996	7.174077	7.994691	8.258185	7.237959
1.811817	0.544416	1.380674	1.227672	1.393697	0.739095	0.944917	0.56828	1.027613
4.577987	7.409635	4.304742	4.726016	4.851878	4.432571	4.869558	5.998327	5.049032
0.255591	0.177857	0.314198	0.477112	0.792727	0.744157	0.417201	0.870815	0.654468
3.636531	3.372859	3.554051	3.565229	3.396101	3.763096	2.683728	3.406259	3.589951
3.734138	1.749976	3.609808	2.772844	3.73596	1.39913	3.38262	2.822906	3.762483
2.502056	2.539807	1.502063	1.66017	2.030199	2.132192	1.547758	1.918725	1.756926
3.365049	4.702618	2.42882	2.646177	3.581533	2.965552	3.949448	3.993837	2.745575
4.333536	2.968058	6.363168	5.795798	6.183327	6.029824	7.664111	5.905083	6.005381
0.190416	0.13451	2.734552	0.083868	1.996329	3.299048	2.94696	0.165263	0.197506
2.424891	1.081135	2.487445	1.34107	3.507033	4.819638	3.702997	3.800004	2.705269
2.702372	0.081756	2.230788	0.405631	0.186843	2.507257	1.318675	2.10484	0.018373
4.243157	1.308223	4.757753	2.498227	4.818034	6.692763	5.649381	4.073247	3.279346
3.540651	1.324702	1.70788	2.110135	1.97128	1.475502	1.023582	1.895316	1.969264
3.648311	3.92493	2.880297	3.883463	4.059011	3.137154	3.533132	3.653134	3.194304
2.770254	1.92903	3.496549	2.464493	5.606203	4.213103	4.778533	2.259951	2.180075
5.652977	5.095222	6.286469	5.985442	5.522565	5.66179	6.123422	5.82621	6.559932
2.845043	0.680336	2.429844	1.170226	3.314295	4.599573	3.562409	1.471977	2.085129
6.677988	6.061711	6.0221	7.055991	7.173571	7.979046	8.079897	6.702823	7.801176

1.916377	1.650431	7.667372	1.632212	6.559269	3.844055	5.359766	2.382698	2.170462
3.114938	1.797359	2.383506	1.679236	2.343929	1.93906	1.806831	1.650689	1.939166
3.349422	2.28145	4.320531	3.558518	4.037	2.88482	3.113833	3.085882	3.431616
0.525088	0.020882	0.551415	0.007791	0.079118	0.936344	0.225148	0.56512	0.109393
7.88414	8.160398	7.717948	6.920515	7.781725	8.225652	9.084637	8.271531	9.011876
3.91585	4.203468	4.681977	4.326746	4.80267	5.698813	4.966837	4.421697	4.67865
2.506069	2.643909	6.644644	2.222671	4.043089	3.749292	6.782869	2.582789	2.438782
0.660606	0.228046	1.31388	0.441039	2.185393	1.711813	1.82052	0.713305	0.509687
4.486117	4.563033	4.224874	4.94479	3.844372	3.440428	3.483386	5.081668	4.683838
0.836637	0.710486	1.681437	0.675893	1.734646	4.762697	2.1925	1.205904	1.747546
2.824041	3.066377	2.665817	3.242676	2.050844	2.231609	2.144635	2.686188	2.56753
3.170077	3.477906	3.016572	2.905038	3.174136	2.686813	2.755331	2.839649	2.846642
0.1232	0.209665	0.572556	0.290213	0.294892	0.234562	0.271853	0.255443	0.153615
0.635116	-0.06091	0.317793	0.020716	0.158815	0.237939	0.452504	0.111597	0.03863
3.74959	-0.18841	3.568845	3.514757	3.664798	3.352925	3.428377	2.577887	4.783219
4.204518	1.356315	3.277035	3.821716	3.295925	2.041107	3.709428	3.76109	4.173295
2.96579	0.358859	5.267851	3.61767	4.010937	3.596541	3.845522	1.830241	3.452987
3.297633	3.108219	3.575119	3.388277	2.620827	2.045008	2.65103	3.463115	2.822073
3.36786	3.23556	4.130409	4.120444	4.201707	4.427685	3.180289	3.522854	3.719339
7.153214	5.901566	7.760842	6.944922	7.39101	7.074203	7.871609	6.786417	7.874634
-0.02657	0.002791	0.023981	0.234891	0.184579	0.24525	0.566317	0.047398	0.031948
0.954784	0.323895	0.632244	0.613557	1.685754	2.287791	1.966829	1.25202	0.834006
2.996767	2.955937	3.24094	3.868118	3.307794	3.038109	1.629356	3.187331	3.528933
6.547194	4.767527	7.345374	7.248902	6.651337	5.912272	6.249597	6.557066	6.809175
0.045026	0.043662	0.001795	0.343165	0.085898	0.03256	0.030388	0.089978	0.096816
0.214279	0.077773	2.460463	0.539268	1.758451	0.575769	1.227966	0.264778	0.194451
3.763119	5.155633	4.045032	4.36221	3.959412	4.460798	2.874476	3.80551	3.805155
5.556837	5.41286	5.164203	5.599472	5.642349	4.681727	6.196407	6.003208	5.177404
4.805342	5.734287	4.443793	5.426769	5.05865	5.557886	5.149837	5.29794	5.153719
4.071778	4.248271	3.965148	4.539727	4.572416	5.468246	5.410142	3.896586	4.65489
4.394061	4.703579	3.066905	4.225285	4.13142	4.424824	4.163966	3.972139	3.895004
1.593731	1.700037	1.330024	0.649729	2.10913	0.766885	2.972781	1.436528	0.970601
5.076439	2.106755	8.85358	3.220439	8.680981	6.250269	8.086254	5.136361	2.117735
0.019343	0.000681	0.021004	0.167824	0.051095	0.036075	0.010123	0.000681	0.008174
6.276657	5.746809	9.321796	4.503511	9.70019	5.161453	8.039579	5.6349	3.80044
4.600588	4.620419	3.859591	3.963009	4.038115	4.679183	3.932744	4.411745	3.637927
5.596385	4.183729	4.580626	4.15912	4.907506	5.437603	5.625856	4.215179	4.031542
3.53704	2.145343	3.075986	3.223129	3.482424	2.060695	1.65878	2.894144	3.083258
4.750357	4.344938	6.514279	4.888709	5.556534	4.285597	5.200019	4.702368	5.091384
1.953575	2.845181	0.946956	2.350392	1.901341	2.629581	1.456329	2.992101	2.14382
0.023232	0.007441	0.283304	0.867903	0.565372	0.233107	0.246299	0.10106	0.619987
3.559514	5.78614	2.784705	3.445876	3.998911	3.777189	2.964033	4.725066	4.123329
0.495475	0.103544	0.409903	0.330585	0.275634	0.26628	0.040718	0.325746	0.357027
0.101085	0.043274	0.390616	0.347284	0.196914	0.183426	0.109086	0.207793	0.082901
6.046027	5.418286	6.219531	5.366749	6.645062	7.100116	6.86712	6.002501	5.829388
4.686242	2.651689	5.282119	4.466125	3.87521	4.073368	3.685547	3.708074	4.417421
1.847463	2.0359	1.957356	2.94299	2.079608	2.916903	2.260613	2.136843	2.640537
1.482391	0.362883	2.42061	1.865061	1.695218	1.015834	1.129511	1.082415	1.692169
7.370434	5.162873	8.406715	5.565739	8.698535	7.96267	7.814792	6.811492	6.150867
0.02646	0.173357	0.043031	0.025288	0.03787	0.156932	0.012251	0.21426	0.012251
1.947423	0.901859	1.589742	0.705234	1.731026	3.701649	2.102304	1.723099	1.181866

2.59179	3.228646	2.375538	2.345349	3.765038	3.083773	3.057505	2.459872	2.840133
5.494297	4.784482	6.786498	5.03391	5.891335	7.308537	8.063718	4.7537	5.70996
0.208709	0.099885	0.273929	0.33679	0.241259	1.17311	0.195029	0.452282	0.359012
0.132961	0.204902	0.083976	0.255223	0.193573	0.211452	0.063468	0.35009	0.1723
4.270614	4.828235	3.908382	3.926728	3.700446	5.032989	2.535718	5.072775	4.480729
5.514201	4.141488	5.398184	6.734014	6.883292	4.425933	5.910249	5.030719	5.894926
0.078213	0.043694	0.119093	0.201406	0.082756	0.031191	0.032122	0.07793	0.035117
9.70344	11.15542	9.072756	8.405435	9.662997	8.349955	8.498421	10.89196	9.187983
4.572476	5.440669	4.448949	4.217136	4.784494	4.364671	5.365726	5.119608	4.535131
0.652803	0.519705	4.886222	0.43601	5.398093	1.771013	4.437112	0.466829	0.813161
6.110473	7.120729	11.11923	5.981948	6.178166	6.76057	8.471511	6.838617	6.328367
3.810594	4.637767	2.615718	3.263727	4.117782	3.184078	3.966295	4.371351	3.288706
3.407035	2.604657	3.06728	3.230584	3.799634	3.790086	3.334441	2.826475	2.657843
1.388582	0.507309	1.139566	0.939464	1.329333	2.03547	1.938323	0.950581	0.999592
0.134433	0.079174	0.139936	0.076166	0.157203	0.075965	0.042675	0.054608	0.078237
0.71398	0.335723	0.44373	0.932997	0.503641	2.261065	0.515622	0.319889	0.517106
5.431336	2.951957	4.947061	3.573152	5.079053	5.83229	4.75985	3.966269	4.388031
2.928508	4.363758	4.591338	2.704599	4.401734	3.48461	4.115567	3.442154	2.71576
2.775701	0.543025	1.48745	0.944668	2.481459	3.063253	2.259239	2.557693	2.125522
5.573765	3.911263	5.9254	6.007059	5.017903	6.034054	5.46058	5.966017	4.392386
1.263031	0.679305	1.882076	0.392609	1.441582	0.57464	2.215903	1.368702	0.90413
5.892288	3.925151	4.320615	5.346757	4.667214	4.633603	4.433603	5.966436	5.130436
2.213816	1.10412	0.962524	1.525311	1.260575	0.7938	1.505186	2.208777	1.494014
3.282376	3.172689	2.989597	2.881101	2.787875	3.16088	2.857668	3.081694	3.09446
1.118232	1.65443	0.885569	1.121744	1.642488	2.194505	0.740774	1.832045	1.150964
0.373049	0.125737	0.599932	0.20533	1.027293	0.829913	0.495507	0.470102	0.496513
4.624675	4.773516	4.186957	5.067074	4.726673	4.674064	4.913812	4.480779	5.384374
6.360518	3.653955	6.405098	6.080563	5.006415	6.034722	5.010789	5.24893	6.205411
0.95271	0.125717	0.576403	0.245109	0.548222	1.386502	0.457165	1.040041	0.412829
5.054843	3.013282	7.981029	4.202318	7.11583	5.852678	5.138248	5.335183	2.090914
6.836555	3.878065	7.025444	6.485801	7.362275	7.737259	7.323269	5.851833	7.39096
0.192135	0.312369	0.11583	0.669057	0.375217	0.119579	0.305827	0.616583	0.389432
2.508575	2.464177	2.838653	3.054256	2.919821	3.484991	2.937497	2.699228	2.700187
1.853998	0.394803	2.266853	0.766664	2.52495	3.993208	2.340194	2.816617	1.791013
2.985298	1.501504	2.425913	2.79098	2.417993	3.528603	2.501731	1.962729	2.395584
4.455815	2.739216	3.332035	4.585801	4.297853	4.481608	4.634483	3.114394	4.326215
1.582683	0.117447	4.124925	1.703269	6.616943	1.60519	3.436086	2.600591	2.529093
2.075325	0.658809	3.734896	3.036931	3.205464	3.953487	3.324579	1.078407	3.095869
3.937212	2.832215	3.759426	2.750574	3.610701	3.879382	3.054506	2.869467	2.644839
9.065864	7.589505	10.1109	9.873507	9.339091	9.878283	10.18742	9.377909	8.822485
4.452426	3.386224	4.8859	3.934253	4.851792	5.710864	5.050925	3.839407	4.829011
3.549805	0.57509	3.413695	1.4577	3.677109	5.420051	3.350125	3.184898	2.519087
7.087261	7.014915	7.734989	8.515201	7.71603	7.216521	8.532064	7.712474	9.392801
3.688565	3.088328	2.494089	4.940747	2.770427	3.249032	4.14015	3.476981	3.84798
3.26852	2.359579	3.715649	3.922373	3.458411	1.899683	3.160172	3.290712	3.359031
0.297756	0.353207	0.640441	1.556689	1.178434	1.576496	1.097508	1.365536	1.244048
2.853094	1.865896	2.601017	3.19772	3.607702	2.965767	2.058185	2.50505	3.08104
3.764372	3.541293	3.476703	4.199159	3.43265	4.105994	3.642413	3.813101	4.540125
3.467196	2.991101	2.601038	3.367884	2.404389	3.302974	2.386592	3.11995	2.769505
1.43474	0.584685	1.681625	2.415968	1.382739	2.208949	1.063174	1.852857	2.135645
2.815446	2.516253	2.358082	2.235318	3.094691	4.766343	2.601748	3.006052	2.49757

1.598154	2.409635	1.279917	1.89638	1.495069	1.947885	1.392009	1.940393	1.529794
3.023526	3.495452	3.289393	3.621614	2.82689	3.623378	2.926789	3.444396	3.251084
3.207248	2.939056	3.951168	3.174353	4.722701	3.799067	5.029218	4.283515	3.928397
4.598362	4.071255	3.150353	3.468382	3.754919	3.914663	3.857726	4.041385	3.670433
0.866387	1.952142	0.804451	0.928759	0.894302	2.261211	0.547277	1.369594	1.036307
4.147571	4.259032	3.590788	4.23878	3.892063	4.926741	4.375432	4.258348	3.950333
2.84322	1.250028	4.324519	1.604352	1.836267	1.281502	1.805663	2.483311	2.187017
4.32325	5.021644	5.100542	4.581505	4.845371	4.997431	5.305384	4.41542	4.852665
4.401214	4.5385	4.877819	5.35094	4.405897	4.061811	4.624892	4.990579	4.469284
4.780687	3.592598	4.700208	5.031466	4.978357	4.622173	4.836644	4.129904	4.620716
5.021564	4.253562	4.583	4.361123	4.601352	3.998284	4.946451	5.085535	4.134093
5.096417	6.012529	4.214215	4.859148	4.841268	4.930827	4.887259	5.744213	5.015561
6.245203	2.908306	7.709771	7.593947	5.908349	5.966566	5.488131	7.332329	7.877658
5.033922	2.635086	4.462109	5.191461	5.033056	6.691831	3.55538	4.755727	4.464997
3.483511	1.321668	4.036528	3.024941	3.817471	4.099877	3.934805	2.804253	2.836552
6.417306	4.800153	8.022827	6.61825	5.501117	5.645932	5.108077	6.649474	5.985844
2.846072	2.395579	3.38982	3.149386	2.52527	1.915003	2.065146	2.101201	2.066687
2.273448	2.621508	2.790523	1.972893	3.058076	3.693875	3.48531	2.691733	2.24865
3.358507	1.141899	4.115916	2.020853	2.479649	4.403608	3.037043	3.897465	2.570471
2.610352	1.743501	2.669341	1.80062	3.321035	5.656959	2.766978	3.323924	2.459151
0.503358	0.097889	0.119917	0.108721	0.88168	0.538863	0.134933	0.084339	0.422808
5.508122	5.535234	4.712279	5.360558	4.777075	4.491462	4.475491	5.614785	4.787658
4.986615	3.101189	5.019121	4.941331	4.373061	4.744334	4.486114	3.940102	5.153435
5.687984	5.869027	5.649635	5.451176	5.109242	5.212337	4.927824	5.945197	5.213018
0.456857	0.184591	0.030388	0.410613	0.071743	0.686242	0.018145	0.096074	0.109208
2.576037	0.747098	3.046942	2.034849	2.614704	1.2515	3.751011	2.15038	1.618175
3.410043	4.630316	3.746202	3.307839	3.6468	2.939466	3.684757	3.777877	2.75502
5.546318	2.803335	5.11405	3.551598	5.087647	5.070207	6.553003	3.840076	3.032883
2.087722	0.912434	1.404767	1.819127	1.696332	2.148629	1.77278	1.935054	2.087688
3.900664	4.147215	4.130208	3.768363	3.142999	2.847067	2.353641	3.676508	3.704443
7.032663	6.314811	6.141263	5.469128	6.077498	6.221505	5.141035	6.728627	7.085116
2.76013	3.402254	3.252176	3.037045	3.478946	2.544864	2.736392	2.816952	2.124497
0.511551	1.381616	0.345952	0.535241	0.74488	0.354576	0.288108	0.816336	0.401341
4.044874	4.503147	3.359125	4.389801	4.297677	4.367791	4.524984	4.281046	3.826851
3.8961	2.363088	3.714259	2.700206	3.459434	5.060897	2.833787	3.363635	3.329462
0.637193	0.7457	1.338679	6.079802	4.375324	1.86495	3.155513	1.499012	3.052919
1.608143	0.903508	1.859972	1.385897	1.616777	3.069718	1.906841	1.32952	1.971097
0.158294	0.016725	0.102139	0.10066	0.348281	0.115766	0.268991	0.125068	0.1411
5.712757	4.584916	5.377097	4.275985	5.584962	5.952766	4.855573	5.243212	4.320492
4.146736	3.085651	4.226396	2.718014	4.563287	7.933969	5.701573	6.142046	4.381025
5.830846	5.957282	9.044399	5.769179	5.797958	6.108098	6.183832	5.4042	6.541436
5.271516	7.940387	5.424342	4.804603	6.023401	5.678444	5.771963	4.67215	5.202069
4.300358	2.799978	3.706169	3.33704	3.887284	4.424922	4.206949	3.386548	3.107176
3.477156	3.069815	2.935388	3.314199	2.465122	3.07229	2.452911	2.983814	3.052522
3.61981	4.072451	2.893971	3.268546	3.34049	2.951731	3.289358	3.703665	3.323015
0.501849	0.040428	1.552963	0.35709	1.265796	2.01943	1.039173	0.350015	0.765895
0.081835	0.428546	0.096472	3.05343	1.116728	0.365514	1.389365	0.270822	0.351945
1.022745	2.978244	0.421273	0.713265	1.563508	4.166615	0.291018	2.027459	1.016081
1.081477	0.906013	2.370939	1.017794	2.503114	4.303922	4.356191	0.843463	0.93007
6.645987	6.806778	6.625266	6.528671	6.360144	6.509425	6.376133	6.275304	6.337561
3.212049	2.190237	3.112861	3.068248	3.351611	3.895273	3.424457	3.679132	3.357999

4.568125	3.282136	4.956978	5.318492	4.244493	4.939972	4.585138	4.520933	4.780175
3.700106	5.163009	3.054413	3.378998	3.845408	3.065127	4.216112	3.813827	3.08956
3.473553	3.008416	4.292442	2.925028	4.542698	3.113289	3.168307	3.46924	3.365404
4.616815	2.646692	3.883992	3.089882	4.335892	4.245505	3.02148	2.253015	2.725299
4.876466	2.372651	4.818064	5.775771	5.071728	4.715914	5.182708	4.388182	5.479452
2.350917	0.908752	3.53124	6.031706	3.932463	3.709878	4.196849	5.14483	5.687711
2.278464	3.552994	1.480273	2.544989	2.382585	2.027717	2.101777	2.370352	2.263635

TCGA-FG	TCGA-E1	TCGA-DU	TCGA-DU	TCGA-HT	TCGA-DB	TCGA-HT	TCGA-DB	TCGA-E1
0.596568	0.614099	0.794763	1.058974	0.471365	0.680549	0.648728	1.003235	1.232355
1.263317	1.71653	1.173174	1.848042	1.906869	0.844711	0.453975	1.940425	0.643326
5.704058	5.748119	4.471273	4.994253	4.294248	5.85292	4.572377	5.483796	4.524848
3.395851	1.205466	3.093057	3.312714	1.989633	7.724634	4.702839	3.39436	3.36566
0.68865	1.625667	1.68799	1.744877	1.117508	0.57961	1.537235	1.376051	1.009674
7.461247	6.532871	6.753655	5.529065	5.267637	7.379791	7.021307	6.450685	6.435934
5.784087	5.511189	5.889885	5.7841	6.483847	6.23194	4.896048	5.510738	6.272316
0.578528	0.994894	0.592973	0.476542	0.442706	0.851972	0.711128	1.196975	0.483462
0.125296	-0.02263	0.047157	0.065045	-0.00511	0.103593	0.194772	0.089225	-0.02522
5.840147	5.648066	3.042678	5.176286	5.047385	5.902376	6.433962	4.855052	6.835154
3.57434	4.824632	4.631165	4.913857	4.128944	5.338741	5.023478	4.391368	5.013989
2.4105	3.422322	2.335505	3.000225	3.054793	2.837331	3.995778	3.268273	3.629809
0.531216	1.329923	2.560295	2.535904	2.449459	2.198899	1.517832	2.274497	1.245677
2.11806	2.487401	2.856209	2.545682	2.32912	3.698612	3.299939	2.187863	4.039031
6.15986	5.789163	5.962883	5.322626	5.324799	4.664983	4.565708	5.991318	6.538138
2.925526	2.713624	4.113441	3.111828	3.892348	3.115213	2.550195	3.220372	3.202064
1.015671	1.048578	1.403696	1.12663	1.141267	1.144936	0.655793	1.637137	0.602894
7.607664	8.580643	8.252972	9.224742	7.823914	8.379964	7.3141	8.043928	7.322113
5.522939	4.783989	4.883675	5.757829	5.341996	4.355398	6.582129	4.673163	6.76525
3.962052	4.030489	6.008437	4.319162	4.434023	3.350939	4.757334	4.377806	3.885436
3.259516	3.93398	2.940309	3.200517	3.236446	3.315418	3.612194	2.895726	3.609215
3.029027	3.724664	2.750183	3.24546	4.994658	3.825026	3.681119	4.292386	2.83529
3.073297	2.890073	3.485177	2.888853	3.157544	2.689768	3.242514	2.959088	3.062758
0.206343	0.325854	1.360878	0.366021	0.243945	0.453713	0.2591	0.439562	2.006229
2.979268	3.517079	3.64078	2.841519	2.928282	3.444074	3.404427	3.329528	3.876505
2.974813	3.265837	3.775296	3.549709	5.023968	4.375557	1.941048	2.946104	4.105949
0.804628	0.821366	0.412765	0.976208	3.694117	0.702773	1.044654	1.086213	0.60096
4.794762	4.536389	4.683929	4.43991	4.424954	4.522544	5.142554	4.922094	4.645593
1.402934	3.383313	2.960074	2.263559	2.269071	2.326299	1.969118	2.808246	2.434743
4.877709	4.591138	4.30802	4.522953	4.388181	4.476632	5.175519	4.786033	4.677942
2.302326	3.448656	2.993363	3.315056	2.554426	2.118799	0.837169	3.205948	1.666246
5.443044	4.777616	2.974755	4.325958	4.683261	4.712951	4.676253	4.714408	5.090369
6.658553	5.793161	4.954358	5.245748	5.821681	4.928586	4.439188	5.552009	4.588675
2.174521	2.62704	3.272846	3.119656	2.774952	3.039935	3.070512	2.75868	3.003558
2.51254	3.262421	3.1963	1.717604	2.038443	2.286363	1.596152	2.567819	2.768694
2.318391	3.4337	3.174437	2.919784	2.941032	1.92165	2.547845	3.053076	3.120035
5.904304	5.630826	4.233874	5.069232	4.918319	5.909593	5.198849	5.4548	5.363485
2.768007	3.551302	3.237503	3.743729	3.508623	4.180881	3.139555	3.502348	3.511808
4.661779	4.474906	4.966351	4.965615	4.162583	4.181661	4.135468	5.283522	4.578324
0.105635	0.079909	0.097278	0.097181	0.131255	0.113153	0.181949	0.088829	0.179549
0.251636	0.424423	0.695537	0.589907	0.514871	0.404417	0.452622	0.618928	0.521036
2.414085	1.72315	2.270839	2.352619	2.05304	3.161224	3.180905	2.338991	2.397121
1.815602	3.053299	3.113003	3.073851	2.211321	2.147952	1.01816	3.889396	2.448214
0.529807	0.318041	1.309517	0.78986	1.530245	1.156952	0.675669	1.351935	0.556162
0.258856	1.081183	1.027026	0.534428	0.916675	1.177809	0.371245	1.665314	0.352067
9.082786	9.888724	11.01138	10.31685	10.4682	11.14059	8.794015	10.2529	9.01655
6.534385	6.448865	3.677183	5.938539	4.616051	6.543454	6.138848	5.752969	6.547244
5.047549	4.583797	2.018763	3.549758	3.219158	4.518434	4.287598	3.682314	5.545974
1.300304	0.32282	1.498139	0.972204	0.416324	0.835992	3.12476	1.42298	0.751737

0.47674	1.020634	0.527534	0.782031	1.713562	0.524593	0.597438	1.374478	0.794081
0.795441	0.27337	0.339795	0.455126	0.299812	0.844151	0.887361	0.931826	0.754325
2.367625	2.041084	2.135294	2.302713	1.852947	1.459275	3.314696	2.502794	2.13405
3.460184	4.013628	3.662058	4.303315	3.836958	4.644904	4.035125	3.956888	4.707292
4.634685	4.302208	4.83561	3.834404	4.518648	4.435471	2.687972	3.739242	3.961682
0.067371	0.061113	0.307832	0.50842	0.360824	0.153749	0.067947	0.243557	0.059738
0.49368	0.369876	1.718125	0.557631	0.434064	0.871477	0.736769	0.48844	1.269727
7.746277	6.994256	7.586593	4.627044	8.213805	6.840629	4.473661	7.299955	7.789797
9.618631	9.207901	8.731104	9.483972	9.413248	8.59177	8.018883	8.174393	9.785083
3.500626	3.496503	4.741005	3.377706	2.602899	3.995804	4.506622	4.226977	2.078744
2.254095	1.268863	2.062132	1.295312	2.418459	1.153472	0.783653	1.811978	1.223106
5.178321	4.075076	3.861825	5.009905	4.182414	6.213371	5.528312	5.159846	4.897145
1.615765	0.829407	2.052805	1.887494	1.112906	1.270738	1.20414	1.452016	1.285429
2.747346	3.361745	3.651535	3.123688	3.0629	3.169246	3.961404	3.224584	4.292001
0.888069	0.846971	0.473677	0.582377	0.602133	1.118153	1.374043	1.244341	0.527811
8.578035	10.45687	8.739053	8.222176	6.636315	8.110398	5.681185	7.09932	1.517839
3.237517	3.349921	3.859242	2.709521	3.173306	2.390373	3.561427	3.764931	3.215197
4.193879	3.937841	4.335432	4.235171	3.530343	3.81507	4.91605	4.043842	4.601756
0.895976	0.287428	0.363194	0.386279	0.292396	0.887449	1.071268	1.220145	0.237461
5.563126	5.234329	5.270129	4.347155	5.204981	5.138129	5.397048	4.668394	5.481563
3.331305	4.002033	2.853903	3.341533	3.448828	3.547181	3.953512	3.860278	3.355345
1.898849	2.211097	3.2416	2.57742	2.878808	2.231748	1.41593	2.76136	1.610331
2.440512	3.4781	3.430398	3.241495	2.723211	2.370783	1.941216	2.721152	3.220833
3.344212	4.96978	3.621626	3.540437	2.96205	4.5631	4.431532	4.487953	3.93613
2.627103	4.199696	4.688393	2.636955	3.113195	5.140716	4.878536	4.381032	2.393672
0.626283	2.821286	2.994329	3.157865	3.572772	4.088886	1.263637	2.019783	1.252436
2.826543	1.617647	2.262335	3.119029	3.114474	3.260132	1.497033	3.284397	0.963073
3.178037	2.913398	3.508954	3.34936	4.211952	1.98624	2.146602	2.729059	3.004047
2.792629	3.354983	3.385708	3.322642	3.472102	1.626106	3.865054	2.990953	3.349461
3.118974	3.947778	4.066886	3.244692	3.110803	3.418478	3.329876	3.505133	3.195886
0.835064	2.170852	2.084316	1.756679	1.952779	2.520316	2.275692	1.80813	2.445661
4.004312	2.342447	3.133738	2.972823	3.315956	4.347963	3.925439	4.231116	3.078678
7.421827	6.125769	5.814633	7.248176	7.013033	8.479278	7.577913	6.878585	8.000803
1.097615	1.270906	1.56294	0.905583	1.196628	0.54139	1.017741	1.502209	0.436872
5.367011	5.2669	4.738314	5.458307	5.664432	6.008401	6.027694	4.934128	6.459122
0.406264	0.607797	0.602036	0.35317	0.437205	0.628738	0.836187	0.933167	0.130226
3.43642	3.647528	3.724641	3.624387	3.818852	2.981547	3.67698	3.477778	3.839158
4.141447	2.97351	6.786533	4.007435	4.485392	2.048443	2.690869	2.567739	0.996308
2.1784	1.573477	2.201959	2.003026	2.557505	2.149294	1.546949	1.690929	1.544927
3.026798	2.903702	2.568208	3.309569	2.620315	3.077298	3.57932	3.085851	3.241696
3.503277	3.461072	4.060388	3.448732	3.158931	5.63031	4.904093	4.104676	4.931473
0.445639	0.127729	0.47598	0.27188	0.497268	0.144728	0.250223	0.230414	0.112184
2.714364	2.861244	2.681451	3.835379	3.628905	3.69833	1.901372	3.438406	1.977493
0.230145	2.034114	1.420913	0.583591	0.187637	0.462636	-0.02837	2.506228	1.047709
3.063066	3.946255	3.839291	4.44251	4.341465	4.118361	1.847509	3.972263	2.657852
2.762022	1.144757	1.608524	1.437283	1.550579	1.713057	2.132044	2.629362	1.217865
3.617701	3.545209	2.7728	3.36187	2.387284	3.614393	3.989212	4.522998	2.715011
3.121912	2.734838	2.857839	2.864129	3.094865	2.401282	1.817376	2.900261	3.274298
5.622555	7.208916	6.828493	6.546183	6.871691	6.239072	6.111585	6.558886	4.882705
1.926261	2.381753	3.428891	3.262379	2.572036	1.942364	0.992099	3.194036	1.40978
7.2988	6.673797	5.585681	7.039243	7.652722	7.661648	6.327305	7.808729	5.292858

1.059396	1.390326	2.939182	1.472335	2.358114	1.777611	0.867288	1.939754	0.941944
2.903844	2.283139	2.207479	1.702185	2.497859	1.48666	2.021104	2.851677	1.353098
3.339442	2.704742	4.76818	3.848639	3.55977	2.901258	3.426546	3.195081	3.228824
-0.01725	0.01577	0.054409	0.022021	-0.01725	0.130085	0.046921	0.020572	0.025056
9.309073	8.861211	6.544922	8.536989	7.831057	8.549307	7.351952	7.917919	7.983906
3.881512	4.13095	5.449824	4.523562	3.693443	4.04042	4.940769	4.184111	4.571477
2.19712	2.515326	3.471725	2.627623	2.601198	2.490484	2.890145	2.819431	2.368336
0.425157	0.582719	0.97202	0.590342	0.563884	0.884397	1.182263	0.844	0.439842
4.908143	4.10806	4.437408	4.502261	4.866327	3.998613	5.196517	4.15715	5.218915
1.043933	0.871295	3.940545	1.412561	0.921509	1.130801	1.490669	1.204255	0.351727
2.794979	2.614444	2.840749	2.190001	2.735999	2.584994	3.055071	2.818949	2.255705
3.527617	3.501185	3.527126	3.205837	3.42621	2.379237	3.229531	3.015251	2.999415
0.060464	0.309326	0.088544	0.108619	0.015812	0.139878	0.327341	0.369031	0.037056
0.071809	0.10894	0.107303	0.164458	-0.00099	0.019382	-0.02667	0.378668	-0.03288
2.769668	2.501147	4.544174	3.614832	4.551349	3.555457	1.722959	2.859216	2.341921
3.855863	2.704359	1.300795	3.766028	3.718151	4.22813	1.732352	3.666212	3.92583
2.077064	4.365353	3.13085	3.993379	4.378676	2.578562	1.392992	3.826211	1.381961
3.111684	3.792726	2.203104	3.258802	2.972976	2.793936	4.089898	3.571173	4.058142
3.760824	5.209854	3.84697	3.884597	2.986752	2.940349	3.388719	3.956213	4.059803
7.750789	6.775234	5.241785	7.373865	7.350978	7.161794	5.237329	6.88289	6.801038
-0.01979	0.054001	0.045913	0.080716	-0.05326	0.036594	0.342903	-0.05326	0.172265
0.381897	0.353569	1.803289	0.761828	0.695813	0.839694	0.589695	1.351524	0.403238
3.200074	3.251259	2.960801	3.013597	3.316513	2.623527	3.542455	3.167771	3.053538
7.084333	7.503043	6.163628	6.861305	6.433167	6.251265	6.17982	6.519263	5.3914
0.232625	-0.00063	0.021615	0.089789	0.045464	0.054727	0.070456	0.15829	-0.00775
1.122532	0.451203	0.530573	0.403084	0.131086	0.298736	0.806836	0.721162	0.262853
3.303015	4.86671	5.023171	4.608815	4.30415	3.900138	4.26548	3.573333	4.668607
5.404355	5.958154	4.925718	5.755968	4.975001	6.137386	5.040967	5.621809	5.218349
4.659705	5.040946	5.264427	5.190559	4.90038	5.555501	5.47662	5.387681	5.175497
3.723724	4.216651	3.793258	4.698274	4.975396	4.951552	3.39607	4.352435	3.480865
3.732357	4.540336	4.249033	4.357803	3.638886	3.819808	4.483919	3.556532	4.667648
0.757629	0.420274	0.900757	0.693586	0.954501	1.304648	1.367311	0.854863	1.327083
4.673605	4.319698	4.447133	4.006053	3.685485	3.251888	3.16659	4.546942	2.401577
0.006547	0.015778	0.010654	0.000681	0.000681	0.011215	0.018473	0.026619	0.000681
5.375895	4.439856	6.006948	5.887854	5.515397	4.476408	3.705989	5.544157	3.899093
3.814756	4.17755	5.791556	4.193625	4.433427	3.879825	4.263769	4.247996	3.931821
4.421092	4.334764	6.163258	5.103555	5.893912	3.965988	3.620366	4.597589	4.86388
3.39273	1.350654	2.383116	1.484335	2.002915	2.733612	3.402511	3.354216	1.116304
4.163736	3.800872	9.886201	3.612633	4.732952	4.919247	4.069232	4.304904	5.186218
1.667554	1.771392	3.756097	2.270807	1.194403	3.229258	2.873909	1.769343	2.658453
0.02723	0.841859	0.176522	0.041495	0.05981	0.111497	0.066877	0.468578	0.007441
4.812058	3.679363	4.170452	3.996928	4.254648	4.393915	4.702926	2.106025	4.727365
0.446258	0.257686	0.193004	0.346105	0.287986	0.271576	0.405685	0.318482	0.161923
0.145545	0.204406	0.038589	0.080761	0.29249	0.282311	1.138848	0.219407	0.319952
5.679788	4.676116	5.525581	6.130829	6.291198	6.961213	4.981071	5.396509	4.902976
4.600955	4.315805	3.1502	4.330677	4.704259	2.597317	3.077097	4.657242	1.787758
2.813917	3.008175	3.887371	2.130852	2.138316	2.128806	1.810261	2.185148	1.205998
0.647805	1.005238	1.65196	1.605794	1.574218	1.305074	0.633152	2.585281	1.122205
5.740674	5.189847	5.780614	5.732279	6.319779	6.200636	5.133466	6.735113	5.925427
0.030057	0.012251	0.071975	0.042888	0.031274	0.059764	0.179309	0.163163	0.012251
1.081561	1.22357	2.407989	1.688457	1.577643	1.531828	1.133416	1.462154	1.598383

3.861602	3.100391	3.148285	3.160404	3.413646	2.657894	3.296729	3.311434	2.590931
6.231875	6.218454	5.864992	5.923091	8.070089	5.742303	4.628843	5.631923	4.759776
0.053183	0.196602	1.040697	0.784131	0.267034	0.405924	0.334029	0.269887	0.203149
0.161635	0.068234	0.904231	0.347079	0.097425	0.209665	0.866898	0.332129	0.16917
3.891737	4.31564	5.219225	4.966589	4.225931	4.317958	5.023512	4.282353	5.001866
4.968451	5.991524	4.334739	4.720521	5.264932	5.069469	4.210199	5.33684	4.000844
0.072225	0.085	0.026751	0.055694	0.834161	0.073092	0.057106	0.080865	0.022401
9.30473	10.41464	9.866922	10.11536	9.401088	10.01964	11.53541	8.704338	11.35128
4.833733	4.615281	4.182714	5.150797	4.589418	5.040006	4.959024	4.678556	4.836223
3.27649	1.247373	0.808619	1.809577	1.375648	0.838443	0.757448	0.730048	0.299127
4.924445	4.088543	8.416378	5.521662	4.873018	7.036899	5.758777	5.260662	5.648874
3.723663	3.738483	3.347464	3.934067	3.484379	4.174368	4.151576	3.445785	4.354397
3.052534	3.546312	4.356595	4.107489	4.346838	2.705219	2.947352	3.658255	2.837081
1.329843	0.846065	1.815835	1.049362	1.823104	1.227323	0.94589	1.319193	0.972954
0.056808	0.207485	0.053287	0.073858	0.058428	0.12681	0.042133	0.033072	0.040485
0.881919	0.737722	0.629215	1.030818	0.268669	0.921089	1.266023	1.271916	0.932579
5.180651	5.672449	5.14657	5.523292	5.694704	4.204407	3.698461	4.971385	3.558829
3.199788	1.477248	4.352281	2.373357	2.336739	3.518375	3.288996	2.208729	5.661124
2.020073	0.932265	1.823583	1.005482	2.211373	1.857593	1.431736	2.201154	0.389711
4.725922	5.647857	5.316179	5.211844	2.767285	4.033695	4.098473	5.844222	5.42735
3.167593	0.801539	0.358888	1.379217	2.284663	1.025311	2.059646	0.478436	0.2851
4.944296	4.169159	5.344212	5.123692	4.202842	5.717766	5.521535	4.758046	6.663758
1.93964	0.328665	0.494334	1.386535	1.487369	2.199195	1.60948	2.137809	1.498175
3.909893	2.389593	2.202045	2.761372	2.936732	3.391254	2.993093	3.488865	2.833873
1.256396	0.74707	2.917381	1.601585	0.865555	1.135889	2.900466	1.748584	1.090804
0.307045	0.269005	0.409643	0.438693	0.22656	0.300432	0.586807	1.097951	0.219209
6.205112	4.790198	2.939569	5.084761	4.504117	5.520695	5.335656	4.846521	3.930978
3.571012	5.375844	6.718892	5.967382	6.668324	5.454177	4.181623	4.887454	5.71031
0.452346	0.677527	0.970609	1.0161	0.83674	0.446237	0.38909	0.923727	0.63077
5.476047	4.686605	3.851532	4.170307	3.048145	3.233338	3.992471	4.474157	4.12823
7.179692	6.205023	6.249502	7.376552	7.99574	7.073319	5.20269	7.668074	4.994036
0.127791	0.375716	0.267955	0.183901	0.242381	0.392537	0.862867	0.424809	0.356614
2.258378	3.298681	3.351661	3.190536	3.014281	2.69518	2.126702	3.10056	2.452566
0.655777	2.464137	2.824627	2.166085	2.094834	2.681052	1.632208	2.097892	1.215083
2.154876	2.260632	2.594565	1.980704	2.734407	2.464967	1.784962	2.465519	2.147401
4.607214	3.72152	3.274326	4.190518	5.419545	3.536462	2.634399	4.396381	2.71404
2.461934	0.647667	1.328888	1.109436	2.145058	1.279881	1.109442	2.98489	0.054631
1.237511	2.511807	3.043137	2.432262	2.847101	2.663231	2.113062	3.1646	1.664946
2.68284	4.240713	4.472578	4.24462	3.979411	2.599009	3.278344	3.613333	3.473072
8.062374	10.29981	8.212122	8.866673	8.471297	8.962825	6.687279	8.346184	6.121528
5.249482	4.32907	5.117363	4.995218	6.677486	3.943145	3.949197	4.584899	3.281127
2.362608	3.97948	4.097158	4.79497	4.729795	2.72792	1.258415	3.590035	2.108784
7.06671	6.981322	5.048406	7.726356	8.08602	8.303714	8.073611	7.817071	6.776494
4.489014	3.410184	3.214624	4.006039	3.42482	3.987482	2.726814	3.697481	3.800307
3.243526	3.719285	2.228305	3.2971	3.07469	2.755123	4.0996	3.855675	3.702545
0.631496	0.994604	1.632121	0.540346	0.333545	0.915801	3.255362	1.791042	0.370706
2.97271	3.284375	2.861295	2.774713	2.706729	2.695432	2.614951	2.934492	2.862767
4.386821	4.092235	2.553872	3.581881	3.253	4.35805	2.350424	3.294001	4.658928
2.993111	3.656555	3.098883	3.285629	3.294235	2.40209	3.491407	3.054305	3.569957
0.738238	1.003568	2.046482	1.09724	1.329597	1.772318	1.290479	1.439263	2.309025
2.837687	3.333894	3.994985	3.311889	3.65492	3.199949	3.488813	2.941962	3.23682

1.089612	1.623964	2.091634	1.450098	1.832763	1.275726	2.449111	1.90897	2.494168
2.286589	2.093659	2.857891	2.930564	3.648683	2.821728	1.508434	3.169707	2.307524
2.830546	3.391643	2.783215	4.326764	2.783215	3.02976	7.783956	4.82878	3.273269
4.497229	3.414736	4.341933	4.346138	4.585975	4.740733	4.04034	3.902322	3.968873
1.113136	0.826611	3.090624	1.675266	0.714498	1.143146	2.085944	1.299797	1.104496
4.590827	4.817991	5.729992	4.637561	4.314968	4.680994	5.080252	4.548811	4.691184
1.961807	1.682059	2.439771	2.780238	3.020636	2.057705	2.914286	2.132604	3.045745
4.674781	5.460843	4.9391	4.717416	5.138481	4.341644	4.053537	4.333467	4.702246
5.246373	5.102435	4.205284	4.746763	4.648732	4.793692	4.509651	5.179375	5.035455
5.1231	5.82349	5.391925	5.313058	5.468457	4.364097	4.056296	4.949594	5.5482
5.216852	4.575204	4.403936	4.643714	4.239954	5.641528	4.788909	4.827826	6.113591
5.251011	4.51467	4.74052	5.123251	4.896751	5.661031	5.706433	5.171526	5.504363
5.269834	5.513888	4.597449	6.002213	5.98384	7.664982	4.496361	6.114309	3.660646
4.444651	6.177102	8.600656	5.447404	4.622788	3.521691	5.20423	5.08594	4.334702
2.99687	3.352747	4.737701	3.587282	3.270989	2.901852	2.640138	3.807243	2.345316
6.205022	6.263105	4.966837	6.575191	3.580954	4.326457	4.31689	6.697122	6.595153
2.080886	3.400531	3.034505	2.89131	2.679544	1.653253	2.761324	2.989685	4.25985
2.246467	2.340522	3.362865	2.717362	2.957807	2.703145	2.612767	2.981704	2.56331
1.387857	2.345813	3.913288	2.616147	2.09882	2.482243	1.600112	3.079166	3.142761
2.204263	1.410041	4.171947	2.283876	3.047403	3.395526	2.015826	2.990568	2.30055
0.103174	0.380334	0.198374	0.170513	0.110762	0.111186	0.164386	0.824055	0.184167
6.087332	5.739383	4.785153	5.6002	5.371762	5.319957	6.031003	5.08887	5.978176
4.709209	5.087605	4.476802	4.681755	5.005798	4.045901	3.363256	3.935618	2.801636
5.034589	6.216534	4.754621	6.132776	6.016127	5.347695	5.77415	5.778447	6.651644
0.335247	0.11132	0.026981	0.140028	0.685507	0.206892	0.688127	0.284276	-0.01793
2.433328	1.494983	0.698954	1.970482	3.988716	2.535174	1.723436	1.944207	1.11291
3.7739	3.186812	2.818621	3.609751	2.842961	4.126673	3.768767	3.765867	3.591934
5.09846	4.511008	5.417782	4.033961	5.65728	4.005779	1.851092	4.315587	1.338294
2.239155	1.433836	0.750399	1.311289	1.538488	2.419979	2.64529	2.163789	1.853522
3.477688	4.440703	4.103885	3.797312	3.246427	3.743484	3.830107	3.606527	4.873591
7.328216	5.588113	7.055714	6.148075	7.002193	6.419525	7.068471	6.824503	6.346201
1.884822	3.690835	3.125596	3.511324	3.113553	2.176136	3.30489	2.858186	3.365804
0.762205	0.63797	0.478597	0.613443	0.662012	0.391663	0.518758	0.680979	0.504415
3.966718	4.243157	3.884935	4.328504	4.084721	4.353239	3.997597	4.289162	3.522217
4.114877	3.853091	4.419313	4.087629	4.91032	3.115652	3.510803	3.887997	4.176974
1.071959	4.142984	1.998259	0.769192	1.568717	2.874865	1.982971	3.530346	0.696847
1.58429	1.479212	3.414974	1.601913	2.074142	1.651762	1.499649	1.9467	0.881542
0.114771	0.111579	0.09362	0.110957	0.236323	0.105058	0.416447	0.260483	0.057965
5.730682	5.574901	5.877699	6.147442	5.779618	5.208698	5.406658	5.312433	5.191697
2.977353	4.718209	6.485639	4.316261	5.406652	6.040769	2.559775	3.90865	2.597364
4.976421	5.004316	6.533323	5.6831	6.880894	5.763993	5.023921	4.309452	6.79573
5.866652	4.369998	5.7282	4.930698	5.660061	6.143127	4.908145	5.198844	7.238124
3.922185	2.650491	3.434953	3.254533	3.070313	3.400407	2.934634	4.912731	2.060326
3.349273	3.749493	3.566919	3.659058	3.880252	2.632707	2.647676	3.256627	3.681571
3.586933	3.727673	3.034431	3.605464	3.6645	3.656336	3.76016	3.508295	3.566873
0.214575	0.074052	0.047384	0.566868	1.715211	1.34601	0.320023	0.636059	0.033668
0.156413	0.983059	0.323602	0.167484	0.148412	1.067834	0.316258	1.73956	0.113108
1.323918	0.590511	4.315664	2.623687	0.756519	1.054822	3.533654	2.218444	1.026307
1.576604	1.628531	3.935293	1.185858	1.268868	0.994486	1.346135	2.744717	0.582763
6.704959	5.618451	7.105129	5.957684	6.139182	6.614956	5.217311	6.418255	7.10557
3.163099	2.774652	2.725215	3.596033	3.073984	3.888997	3.408809	3.410009	2.905058

3.593645	4.377251	5.308523	3.826332	3.583034	4.422253	4.377478	4.782639	4.062382
3.007981	3.348588	3.839763	3.97994	3.367852	3.173231	3.473878	3.677266	3.557076
4.169778	5.562463	2.418923	4.913374	3.75519	2.952416	2.17337	3.586721	1.929781
3.233145	3.079843	4.719995	2.642977	3.52254	2.844774	3.356984	2.281194	3.382259
5.626469	6.078423	4.410373	5.148107	4.975656	5.068542	3.144593	6.141152	2.880238
1.433458	2.551044	3.820237	4.146585	3.408887	4.888145	4.889196	3.913397	0.546403
2.334936	2.674072	2.616264	2.926572	2.178184	2.29273	2.891956	3.12782	2.671972

TCGA-DU	TCGA-WY	TCGA-FG	TCGA-DU	TCGA-DH	TCGA-DU	TCGA-HT	TCGA-DU	TCGA-CS
0.33469	1.165488	0.269501	0.381084	0.769962	0.97804	0.423138	0.53588	0.278636
1.253044	1.548587	1.76021	1.991981	0.572641	2.108208	0.699358	1.890956	0.515931
5.766001	5.566495	5.428564	5.893868	5.587276	5.551402	6.541291	5.428597	4.124581
2.724437	2.455923	4.221701	4.08743	3.210361	4.175922	8.758629	4.615263	4.693842
1.161983	0.868623	1.20546	1.298651	0.48969	2.422654	1.262937	0.690987	1.986755
7.00099	7.865702	7.401919	5.160777	6.923097	9.01636	7.693808	8.104136	6.603079
6.671995	5.581839	6.573333	5.769184	6.174764	6.452743	6.548149	5.673866	5.525977
0.565496	0.450054	0.673165	1.561136	0.706921	0.735365	1.724443	0.626514	0.739694
0.083467	0.084025	0.153869	0.018531	0.111799	0.159309	0.31192	0.079464	0.173237
4.034119	5.984659	4.816266	5.35356	5.755231	5.941079	6.686572	5.711894	5.448827
4.763352	4.911921	4.568449	4.121615	4.783815	5.719388	5.143517	4.968199	4.592439
2.240766	1.947928	2.461169	3.718704	2.970864	3.564137	4.159909	2.235897	3.094334
2.021747	3.15365	3.177819	2.226436	2.569631	4.937	1.758558	2.721924	1.11518
3.923843	3.180083	4.63345	4.466525	3.00588	1.948946	4.833827	3.669709	3.185145
6.077913	5.019132	4.332621	4.481075	5.877047	6.012457	5.168522	4.162262	4.19868
6.110274	3.189729	3.420466	2.222342	3.279234	3.823588	3.409097	1.981315	3.255499
2.85946	1.115736	1.991314	1.345005	0.743738	1.878013	0.998847	1.396763	0.34313
11.08761	9.54978	9.235759	8.279442	7.123126	8.760618	7.772005	8.640212	8.191125
3.548347	3.284031	4.114352	5.358615	4.748375	6.069122	5.69264	4.414291	6.852348
3.48533	3.703093	4.209043	3.724086	2.760786	4.36909	4.124464	3.750177	4.254731
2.465592	3.336045	2.689249	3.331521	3.323597	1.823799	4.150203	3.300824	3.516242
1.801486	4.205202	2.405206	3.289596	2.913747	2.827403	3.482992	1.678956	3.499978
3.112671	3.018747	2.287911	2.813366	3.085943	3.606468	3.421372	2.963923	3.285232
2.424566	0.415595	1.029466	0.310682	0.574985	0.367451	0.610799	0.916257	0.692221
3.139927	3.534371	3.047661	3.335795	3.301071	3.718171	4.136158	4.570262	3.763164
4.098818	2.686265	3.654391	3.06735	3.132579	1.540695	3.080554	1.913602	2.992539
0.285457	0.566264	1.23477	0.862234	0.727935	1.588061	0.984333	0.647634	0.953229
5.156594	5.019691	4.816039	4.443952	4.381448	4.324171	5.145815	4.393608	4.891638
2.612777	2.049128	2.011121	4.605379	2.644886	2.966029	3.515214	1.805264	3.206623
4.239749	4.313883	4.188175	4.416529	4.508254	5.35161	5.294517	4.32292	5.222992
3.589971	3.540962	3.738827	2.353583	1.412086	4.260111	1.171337	3.756952	1.282104
2.822902	3.92544	3.731567	5.245104	5.956359	3.185343	5.044917	4.768452	4.151892
4.012668	6.566871	4.450694	5.747112	5.508101	4.365712	4.694491	4.782113	4.08465
3.860304	3.386661	2.861772	2.977459	2.671255	5.607045	2.847508	3.143547	2.362677
4.698647	1.471939	2.354526	3.594085	1.724508	5.094332	4.832367	2.584002	2.078282
2.782396	2.077837	2.671518	2.292622	2.208939	4.599851	2.763103	2.453369	3.397187
5.238837	5.419118	5.634831	6.056757	5.178865	5.738739	5.648504	5.9067	4.737114
5.612969	4.025558	4.788895	3.837931	3.60166	3.680823	3.554781	4.306869	3.09821
4.628989	5.160239	5.370173	4.778905	3.962471	4.53804	4.505967	5.099227	4.091357
0.087562	0.073232	0.093103	0.144789	0.133251	0.053556	0.111698	0.082001	0.107472
2.962228	0.869966	0.321694	0.581101	1.079038	0.435833	1.206506	0.738037	0.280264
3.367829	2.123039	3.21473	3.125723	2.336083	3.107706	2.634786	2.878721	2.473052
3.772229	2.905357	4.378435	1.682831	1.119127	3.028933	1.394661	3.883398	1.173057
0.512941	0.852444	0.41585	0.553721	1.215421	0.767442	1.596345	0.494161	2.335105
1.82695	0.658287	1.892262	1.919843	0.48636	4.054915	1.525115	1.284682	0.31415
10.95706	11.39649	13.77069	9.687922	9.911468	11.69337	9.713584	11.40468	9.091908
1.802109	5.333913	3.823411	7.026093	6.675739	3.822819	7.165518	5.61169	5.329421
3.140098	3.310526	3.651607	4.693582	4.678777	4.960442	5.778148	4.654868	4.247184
1.417314	0.555649	1.579551	0.563837	0.795274	1.1735	1.674023	2.341247	0.972226

1.277521	0.394148	0.468652	1.044983	0.461476	0.537666	0.92417	0.280895	0.276152
0.541231	0.887119	0.423086	0.495969	1.048622	1.110377	1.97287	0.487595	0.934921
1.383485	1.286293	2.261708	1.517153	2.302186	3.170567	3.02057	3.070779	3.434461
5.101695	4.65868	4.323853	4.122423	4.491756	4.542346	4.638701	4.60974	4.263725
1.923146	5.214056	3.873374	3.005465	4.793946	5.482594	3.644998	5.630892	3.498889
0.491701	0.186155	0.825015	0.127085	0.11113	1.689383	0.125884	0.348438	0.077397
6.908768	0.665626	1.466599	0.646892	1.601113	0.71362	2.559316	0.809867	0.734298
7.938383	5.680995	8.297135	7.333846	4.192528	6.934165	5.861096	7.850433	6.577517
8.294462	9.938116	7.707137	8.705981	8.379635	7.992017	7.666038	9.059478	9.039565
3.610036	4.798645	3.475474	4.213866	3.822457	7.420213	4.730046	5.731138	3.169955
2.126276	1.067576	2.667947	1.954324	0.852725	1.901117	2.659027	1.08139	1.906791
5.970504	6.944252	5.699538	5.252328	5.253099	5.872106	5.36486	6.808607	3.752441
6.280301	1.139684	3.744903	1.963268	0.736975	6.932434	0.852039	3.329655	0.816106
2.734639	2.616439	3.783835	4.069343	3.342673	4.96301	4.551895	2.631951	3.895329
0.368854	0.661979	1.615056	1.336414	1.38368	0.493704	1.190403	0.83092	1.464099
10.82599	10.7729	7.89995	8.018537	10.19747	3.85371	8.041162	9.85722	3.467053
3.431725	2.701594	3.089162	2.699204	2.785699	3.929573	3.649494	2.175019	3.668373
4.673693	3.811764	4.174346	3.709258	3.30083	4.84964	4.552299	4.067397	4.629234
0.165339	1.569183	0.925439	0.301831	0.901421	1.047155	1.146178	0.623663	0.482813
2.4824	5.562324	4.793842	5.125868	5.889114	5.130845	6.558209	6.512811	5.02411
2.707406	2.374735	2.773933	4.660406	3.280469	3.60954	4.204843	3.06339	3.444453
5.240313	3.060876	3.412932	1.845011	1.422268	3.802139	1.567636	3.294906	1.193444
4.371141	3.123503	3.146849	3.12037	2.342246	3.002066	3.108201	2.485434	4.02017
3.963135	2.677535	4.473858	6.144344	3.940832	4.64254	5.715253	4.230193	3.633354
5.439312	2.976369	5.898888	5.440822	4.665041	3.630472	4.832992	4.665068	2.487426
1.838378	3.042425	6.784814	2.60527	3.11427	2.986213	3.217562	2.33502	2.859523
3.584812	4.353327	4.168559	3.430592	2.898489	1.556149	2.081475	3.00917	1.010506
4.61892	3.021223	3.659911	2.806729	2.521684	4.04728	2.359184	3.140647	2.108208
1.988271	1.18046	2.328757	2.987917	2.458725	3.159424	3.792761	1.956927	3.886556
5.476098	2.827706	2.949154	3.858707	2.757715	3.700296	4.237263	2.537224	4.344027
2.763001	1.433979	1.314629	2.100585	2.310007	2.713398	3.288024	1.482987	3.90233
3.301284	4.77757	4.226748	2.711351	4.084476	4.105888	3.871991	4.244044	2.801326
7.800966	8.61389	8.382116	7.061271	7.182156	7.575007	6.892661	9.095748	5.805417
1.431099	1.080593	0.639775	1.599349	0.609185	1.58516	1.235299	0.765347	0.999846
6.148876	5.917142	4.766402	4.817774	5.526234	5.124586	5.056243	5.928096	5.715201
0.113367	0.393412	0.321348	1.400492	0.365868	0.16364	0.9007	0.456641	0.362338
3.031868	2.809631	3.246844	3.124464	3.469863	3.708895	4.141641	2.580754	4.296986
1.119365	3.173328	2.429766	2.215741	2.826601	4.649048	0.80076	7.365227	2.447113
2.671468	2.160336	2.759026	1.884339	1.593835	2.8267	1.743922	1.978999	1.874585
4.737206	2.234635	3.691761	2.586236	3.267417	3.70826	3.291869	3.571525	3.201836
7.565438	2.827417	4.302879	3.675664	6.921677	7.576418	6.168977	4.400561	3.570684
0.565598	0.373813	0.81758	1.312359	0.117972	4.266954	0.213391	0.30426	0.166429
4.641781	4.259318	4.91828	1.993094	1.664887	4.712214	1.865458	4.304198	1.039234
1.431079	1.305384	1.870574	0.016571	0.770369	-0.02806	0.642869	1.068346	0.581591
4.076959	5.247349	5.557774	3.552933	2.988373	6.336405	3.920473	3.738024	4.308567
0.850555	3.124268	3.009146	1.315875	2.054824	2.861235	1.81196	2.471062	1.584073
2.943492	3.880067	3.303179	3.871072	3.404999	3.699668	4.038745	2.974089	3.57011
2.39722	3.9603	3.328511	3.04512	2.212842	3.276418	3.187428	2.624432	1.445769
5.570094	7.812617	5.789835	4.805697	6.318493	5.132648	7.409706	4.979025	7.225386
3.804093	2.583224	4.377264	2.373684	1.212744	5.713466	1.807492	2.729494	0.572813
5.475064	7.611549	6.003034	6.074849	8.080095	4.355341	5.583355	6.274373	6.415527

3.372377	1.777812	3.017246	2.839674	1.577845	5.253819	3.639114	2.785502	1.203732
1.867197	3.277544	1.811093	1.338189	1.597336	1.721339	1.850188	2.626	1.490952
3.599884	2.727935	3.527292	2.479416	3.415929	4.422793	3.93934	2.859646	3.710067
0.00118	0.010394	2.039616	0.092427	-0.01725	-0.01725	-0.01725	1.309924	0.123856
8.333857	9.87687	8.457186	7.968477	8.343606	7.043753	7.999114	8.116701	7.495462
4.462191	4.617808	4.812482	4.321667	3.963658	4.459944	4.429912	6.025447	4.426945
3.158563	2.736919	2.911908	2.321403	2.487769	2.379152	2.210021	3.377262	2.413971
1.027188	0.432047	1.001389	0.9053	0.312528	2.471729	1.656182	0.602409	0.66191
4.595131	3.932859	3.248279	4.276139	5.152058	6.077004	5.717799	5.345831	4.039827
5.255436	1.05011	2.28376	1.134138	1.259807	3.135597	0.763367	2.568321	2.533465
3.443316	2.638396	3.112684	2.514166	2.518773	3.427737	3.092988	2.787302	2.618614
2.914174	2.733941	2.865687	2.801583	2.968172	3.322397	3.362606	2.902097	4.299529
0.065758	0.104362	-0.00541	0.384937	0.115336	0.205866	0.583971	0.141356	0.17014
0.046453	0.046791	0.10132	0.073778	0.039172	0.157946	0.251824	0.061128	-0.04704
3.20696	4.299086	2.004489	3.784489	3.519581	1.871825	1.85189	2.936383	1.753217
0.529713	4.819382	2.422159	2.136955	4.201398	1.866378	3.342543	2.339159	3.575557
2.334935	3.182318	2.616586	2.457229	3.470786	2.244742	2.613633	1.917429	1.857936
1.073268	2.941041	2.316521	2.812104	3.228896	3.210037	3.765209	1.959107	4.153346
3.216162	2.963154	4.749103	3.20198	4.18176	3.749869	5.187217	4.215959	4.377151
5.185364	8.525237	5.610903	6.138009	8.153266	5.031576	7.013109	6.920452	6.096891
-0.05326	0.000728	0.022461	-0.00235	-0.02816	0.024171	0.493721	0.025461	-0.01222
2.314194	0.699514	1.650707	0.534628	0.366253	1.142251	0.49219	0.96321	0.525672
1.970261	2.429433	2.560763	2.476025	3.223886	2.833461	3.600073	2.019931	4.345709
4.1076	6.922021	8.373381	7.531808	5.188453	6.250354	6.56431	8.000352	5.6508
-0.00583	0.022812	0.087969	0.061014	0.033292	0.005613	0.313233	0.170166	0.045052
0.669776	0.914938	0.516172	1.714629	0.082395	0.889362	0.833572	0.338426	0.116241
3.850325	3.197306	4.273219	3.364217	4.086183	4.233848	4.484732	3.862356	5.109578
4.104962	6.173852	5.967852	6.546379	5.373768	5.497375	6.037628	5.54504	4.996232
4.185949	5.175814	5.000944	5.893643	5.369091	5.234968	5.566779	5.02849	6.586822
4.562772	4.846234	4.538685	4.435195	4.738022	4.035292	3.769689	4.152117	3.967762
3.979516	4.068832	4.297275	3.603501	4.062039	4.886435	4.906695	3.711938	5.105483
2.027115	0.816079	1.370905	0.70474	0.903644	2.429274	1.156873	0.917702	0.71537
5.673322	4.502444	5.680918	5.545443	2.084022	7.511826	4.948875	5.171403	2.080382
0.000681	0.000681	0.000681	0.28542	0.000681	0.036809	0.041644	0.009904	0.007875
7.546163	6.056318	5.698915	5.116409	3.855793	8.953121	5.746719	6.557935	3.988805
4.021225	4.262491	4.420142	4.351124	4.013163	4.532835	4.654181	3.628264	4.28968
6.107349	4.248016	5.27655	4.441195	4.339781	6.449113	4.738867	3.546191	4.361369
1.875461	3.437414	1.37128	1.558519	3.228021	4.308413	3.455075	1.623086	2.42498
5.439957	5.357051	5.472306	4.174922	5.170091	6.045683	5.428984	5.447133	3.607133
2.458156	1.704084	2.960395	2.330287	2.418013	5.280144	3.403392	2.780909	2.700578
0.028674	0.023442	0.14824	0.997515	0.022294	0.067943	0.266248	0.227409	0.102396
5.778132	4.316609	4.424219	3.708188	4.308064	4.735869	3.962962	5.778413	5.060646
0.152387	0.703191	0.210983	0.216194	0.425639	0.402932	0.458328	0.768823	0.270346
0.075845	0.372861	0.475065	0.521575	0.075669	0.049919	0.201823	0.071948	0.682491
5.077185	7.143282	6.150168	5.657513	6.910884	5.254239	5.272539	6.56774	5.201881
3.18338	4.136482	3.461777	3.625148	4.309379	2.846826	3.499287	3.295039	3.795973
3.096123	2.018817	1.433097	2.217261	2.727485	2.698164	3.447029	1.540401	1.618995
0.991167	2.204206	0.965948	1.033415	1.261805	1.467584	1.523751	1.047531	0.42448
9.282585	6.875981	7.878427	6.565149	5.991151	6.929078	6.857938	6.83744	4.56366
0.031356	0.040907	0.062207	0.074564	0.012251	0.053249	0.063756	0.172296	0.055554
4.633056	1.395615	3.003687	1.289026	0.930512	3.512484	2.109927	2.073502	0.805223

3.974293	2.957042	2.512527	2.532835	2.507917	4.057559	3.158268	2.486138	3.215799
7.100661	7.499529	5.890227	6.017768	5.693689	5.873364	5.422944	6.620832	4.491433
4.505635	0.164335	0.86075	0.465267	0.283097	0.218701	0.450339	0.138161	0.298002
0.118329	0.102957	0.278661	0.148858	0.198769	0.393205	0.195457	1.014576	0.207573
5.15584	3.948262	5.133294	4.202386	4.381719	3.613455	4.369516	4.490894	4.254954
4.160123	5.18346	5.302637	6.674972	5.176823	5.072323	6.66186	4.75712	4.886084
0.026851	0.102001	0.093105	0.087585	0.120583	0.265635	0.076002	0.081168	0.05525
10.15564	9.24695	9.382659	8.541617	8.939718	10.42552	9.796959	12.13896	9.184351
5.103841	4.911112	4.537762	4.669788	4.802676	6.643527	5.021308	4.361719	4.785048
1.673491	2.021254	0.75175	4.417013	0.290502	4.059869	1.609165	1.255534	0.250722
9.352021	7.722367	7.799307	4.54699	7.405548	7.416149	7.10596	6.571131	5.372505
2.899105	3.555017	2.593389	3.699828	2.596541	3.963575	3.615691	3.775186	4.324603
3.121301	3.240896	3.544725	3.984466	2.038104	3.45334	2.838978	2.992126	3.092932
3.061111	1.470055	1.500606	0.852205	0.893157	2.223402	1.213335	1.20867	0.859649
0.033072	0.061781	0.162988	0.06907	0.068511	0.18265	0.134557	0.079395	0.062135
0.804337	0.455349	0.884398	1.269642	0.733723	0.334001	0.879611	0.366204	1.048133
5.594004	5.79123	4.364532	4.989158	3.73525	4.537981	4.027867	5.082189	3.01754
6.56341	3.370262	3.4863	2.599726	4.037504	6.349647	3.442032	2.82126	2.058723
3.77765	2.031874	2.86352	1.304638	2.694497	3.726108	1.638792	4.105706	0.464859
5.760382	4.762685	5.60735	4.673173	5.170854	2.769425	5.44627	5.053916	5.504206
0.466817	3.544318	0.85471	2.051075	0.281037	3.254353	0.401219	1.602026	0.307597
5.525234	3.365195	5.158252	5.978781	5.37275	3.713389	6.035516	3.80071	5.045901
0.793882	4.020397	1.077074	0.506752	1.543013	1.141451	1.32597	2.416469	0.714976
1.846232	3.95403	3.239113	2.961451	3.287043	3.556504	3.090633	3.829548	2.071606
2.035939	0.749887	2.598205	0.969808	0.697267	1.397311	1.555458	2.174354	1.4212
0.992499	0.398486	0.302795	0.298901	0.114261	1.67767	0.246363	0.400862	0.971442
3.440928	4.855005	3.672566	4.464603	5.830373	4.545376	4.662063	5.034128	4.411432
5.413452	5.508364	6.725886	5.107839	5.655341	4.413458	4.915227	4.492973	4.792961
0.616644	1.045599	1.700548	0.44565	0.445296	1.751995	0.615952	0.978781	0.284023
5.436674	5.017248	5.262372	5.854198	2.964364	6.271602	5.853094	5.394886	4.45121
4.84118	6.63264	6.299489	7.412219	6.575147	6.663844	5.114686	6.062799	5.817855
0.051754	0.295677	0.043727	0.571679	0.461733	0.187732	1.788727	0.331529	1.922288
3.371418	3.027044	3.869549	2.975358	2.538168	2.750075	2.863798	2.520077	3.670787
3.007533	2.011049	4.00457	1.719473	1.628613	4.275571	2.213165	2.215798	1.65734
3.65718	2.512583	3.258761	2.544836	2.04021	2.081769	2.536084	1.724183	1.494209
3.087278	4.510857	3.247747	3.829878	4.618466	3.616889	3.311281	2.614673	3.2208
0.761413	2.116756	2.251469	2.53872	2.521972	2.186399	1.138555	1.733268	0.973556
1.905916	3.571934	1.434356	2.18271	2.944752	3.005232	2.389505	1.495824	2.996061
3.63026	3.185274	3.901973	3.543951	2.619742	5.037319	3.137539	4.045973	3.16636
8.602795	10.68906	10.51387	8.519853	10.4222	8.597023	9.458658	9.765767	6.804775
2.759703	5.87761	3.309155	4.664017	4.073359	2.995268	4.625455	3.650845	3.861291
3.654317	3.804519	4.567276	3.485043	1.837253	4.945304	2.254027	4.208964	1.480979
6.515495	7.130692	7.455717	7.640018	9.025327	6.053739	6.898923	6.030343	7.761502
2.882993	4.356786	3.243562	3.238292	4.827087	4.167478	3.911087	3.481854	3.107969
1.21975	3.254124	2.814281	3.493626	3.048416	3.3811	4.594511	2.636896	3.953639
1.158648	0.617361	1.759731	1.615213	1.05128	1.127403	2.086077	2.1862	1.532523
1.649369	2.334458	2.310775	3.006977	2.827527	3.263889	3.164566	1.987628	3.152747
4.189832	4.100244	3.667226	4.40057	4.687717	2.68418	3.381852	3.956002	3.368826
3.170386	2.519917	2.808408	2.935033	2.882371	2.764493	4.194527	2.759081	3.680005
2.17962	1.553906	2.73314	1.657362	2.19398	1.457141	1.667706	1.21025	1.464365
2.909842	3.128447	4.139253	2.288706	2.624086	5.419486	2.837744	3.03372	3.345205

1.963439	1.290648	1.493074	1.60013	1.820623	1.665934	2.699194	1.015703	2.649128
0.450779	2.562837	3.68698	3.524352	2.640797	2.280655	3.351046	2.053637	3.208515
5.028805	7.639515	3.279885	4.650996	2.990267	4.074624	4.44226	4.957113	3.267502
4.515539	4.453587	4.580277	3.515079	3.822788	5.202017	3.493419	4.418366	4.269361
2.542779	0.530855	2.156194	0.855166	0.926913	0.881716	1.38282	2.384406	1.089581
5.019453	4.936922	4.645659	4.511596	4.267844	4.49045	4.328098	5.748562	4.549384
5.770355	1.397655	2.626034	2.267308	2.170425	4.114924	4.557387	4.709666	1.930888
5.557584	4.786994	4.664977	3.76253	5.095763	5.738097	4.976353	4.187233	4.275093
3.754765	4.545685	4.600228	4.759432	5.180683	4.399013	5.422006	4.020389	5.456299
5.458107	4.16419	3.934773	5.654372	4.104624	4.979277	4.731317	3.31394	4.921949
5.680761	3.677998	4.582453	5.666075	4.196232	4.157488	5.301974	4.039706	4.038305
5.89911	5.994353	5.352936	5.277058	5.537945	5.753597	5.189184	6.035731	4.926284
4.617513	6.351526	8.54475	4.523639	7.808182	5.370622	4.794168	5.439435	5.792694
2.676383	3.413215	0.545027	4.246886	4.233235	2.868393	4.479527	3.184202	5.811723
3.699043	4.500345	3.366998	3.044762	2.922156	5.889386	3.022415	3.199904	2.520843
5.107853	7.10575	5.886539	4.766393	6.103724	4.07924	5.971958	5.99487	6.683261
1.796761	1.413158	1.386273	2.546603	2.60057	2.660576	3.21205	1.366465	3.952718
3.594745	2.895491	3.144549	2.060964	2.402259	3.93504	2.916618	3.058066	2.677821
2.481138	2.605183	4.80966	1.690062	2.495855	2.323204	4.029832	3.350639	2.223023
5.042436	2.799179	4.378804	1.743481	2.35288	3.834871	2.139359	3.533686	1.243307
0.477209	0.339896	1.871302	1.444541	0.136627	0.245852	0.84439	0.561863	0.106831
5.184254	4.450941	4.660889	5.680783	5.113074	5.704473	5.632531	5.538463	5.549265
4.372534	4.783633	4.199958	4.13188	5.164927	3.421296	4.176415	4.553141	3.588948
3.711195	4.696335	5.731638	5.659902	5.644042	4.905947	5.940294	4.758491	6.475013
0.9024	0.799737	-0.14226	0.519868	0.151119	0.086801	0.306562	0.01449	-0.01949
0.471599	3.506871	1.371338	1.395035	2.105015	0.99666	1.675487	1.811143	1.766393
4.634437	3.495882	3.80165	3.321146	3.175217	4.45507	3.675756	3.785248	3.578733
7.17019	4.921966	5.451208	3.2861	5.541481	7.76205	3.595555	4.909345	2.957388
2.311677	2.780578	2.629187	1.661999	1.962836	1.261379	2.593744	1.740876	2.20517
1.728181	3.014774	2.826901	2.391501	3.618555	2.081197	3.820696	1.997996	5.115011
5.370504	6.873231	4.406249	5.206127	6.662522	6.517464	6.321098	6.056701	6.269006
2.731642	1.65504	2.873429	2.76982	2.293095	3.822624	3.354118	1.866689	3.879129
0.244368	0.455993	0.447673	0.361443	0.597519	0.759772	0.640956	0.294832	0.715207
6.197703	4.434331	5.233551	5.004478	3.283122	5.27574	4.68433	4.617302	3.489858
4.177103	3.172185	3.430848	4.054027	3.150674	4.572135	3.904018	2.446436	3.532432
4.475701	0.589173	1.930275	6.219316	0.817114	4.423546	3.884074	2.101689	1.776206
3.486975	2.361411	2.622454	1.231063	1.681692	2.454797	1.358504	2.249926	1.212499
0.043552	0.083285	0.189307	0.202951	0.138406	0.093026	0.247259	0.119422	0.067485
6.214893	5.498889	6.310584	5.641504	4.145459	5.826907	5.174449	6.269853	4.946992
7.093027	4.967348	7.995186	3.715416	4.827183	6.342916	3.802939	6.057909	3.55083
8.245955	5.926314	7.004576	5.526286	6.325042	8.065537	5.855817	6.287978	5.746189
5.498975	5.801057	5.544774	4.938378	6.98725	7.774355	4.57541	5.661736	6.147662
4.100193	4.485001	5.066788	3.241475	2.974661	3.657837	3.168465	3.835693	2.308846
3.652081	2.661868	3.215538	2.681607	2.837455	3.328063	3.011309	2.467225	3.74463
4.527338	3.6368	3.37613	3.592635	3.282584	3.49699	3.241078	3.66254	4.01515
0.30845	1.12272	0.29373	0.883322	0.412259	0.655842	0.5409	0.145321	0.231557
0.081835	0.219838	1.093404	3.736858	0.192467	0.232355	1.36289	0.995136	0.231052
3.415387	0.484231	3.179818	0.973423	0.272763	1.151299	1.060905	2.491531	1.383964
8.382464	1.798052	2.134323	1.344575	1.071863	5.340643	1.938933	1.914978	0.838566
6.876564	6.920446	5.881023	5.409259	7.318166	7.240858	6.642546	6.718887	5.773785
3.558135	4.069088	3.980375	3.075151	3.595076	3.526267	3.28565	4.008144	2.995194

5.908468	3.808984	4.255569	4.344249	4.718022	3.444728	4.779263	3.662579	4.826882
4.256541	3.636363	3.976486	3.549192	3.117929	5.657783	3.313162	2.939524	3.676119
2.568056	3.822264	2.951218	3.535997	2.950923	3.058349	3.459127	3.429257	2.456765
4.796818	2.804316	1.843576	3.543235	2.871651	3.979972	3.23633	2.960744	2.492688
3.974815	4.858615	4.504553	5.43809	5.85125	4.075004	4.029877	4.593512	4.071032
2.786306	3.962744	4.210591	3.790193	6.03882	4.491513	4.97385	1.895199	5.450314
2.209328	2.567518	2.421163	2.388828	2.07029	3.086094	2.655366	1.667317	3.341424

TCGA-HT	TCGA-HT	TCGA-HT	TCGA-IK-	TCGA-DB	TCGA-FG	TCGA-DU	TCGA-TQ	TCGA-QH
1.224755	0.633325	0.775978	0.970529	0.704214	0.473402	0.478178	0.665043	0.075683
1.335902	0.710258	1.416062	1.2935	3.232174	1.655438	0.445568	1.361577	1.115576
5.450993	7.207618	6.008213	3.13396	5.50173	5.023242	4.642807	6.213423	5.367471
6.847475	5.2261	2.735446	5.279342	4.386377	3.461184	2.353427	1.607526	4.869692
1.712775	1.26177	0.941312	1.342314	0.695437	0.310985	1.175483	0.64921	0.122955
6.416074	5.940194	7.237054	5.764039	6.905405	7.876768	6.948541	7.688826	6.672919
5.899956	6.044211	5.197469	4.666121	6.473575	5.3504	6.012795	7.03306	7.315742
0.784981	3.598558	0.642505	0.61684	0.636965	0.409164	0.802509	0.803317	0.639637
-0.06045	0.088937	0.267362	0.182776	0.042461	-0.04773	0.208642	0.08225	0.116535
6.332844	5.33706	5.548021	5.531076	5.509737	4.86233	7.092159	6.652424	3.391068
4.107791	3.774641	5.101235	4.865973	4.682888	5.57177	6.326408	5.754675	4.119735
4.113922	3.783418	2.446088	3.097225	2.939343	1.075685	3.67766	2.553155	2.571951
1.831066	1.376667	1.789958	1.909081	2.487177	2.680747	1.559579	2.469611	2.830496
4.590764	3.67122	3.106655	3.004475	3.275738	4.684559	4.496863	1.678948	4.000087
5.567279	4.762717	4.416599	5.594844	5.375784	3.126422	3.756323	5.415378	4.757034
4.341446	2.49712	4.007048	3.296874	3.615691	3.343179	3.891705	2.636424	3.109209
1.022775	0.529595	1.26725	0.768916	1.490692	0.996987	0.927069	0.806528	1.802169
8.660789	8.156387	8.663258	8.157684	7.492205	9.950979	8.532155	8.553089	8.714837
6.155155	4.401985	4.872174	4.98926	4.685399	3.034049	5.857983	4.454341	3.728748
4.452248	3.20882	4.63447	4.976984	4.234922	3.013476	3.54181	3.538775	2.796061
3.84151	2.73157	2.495054	2.449442	3.194098	1.993298	2.498464	3.478936	2.552948
3.521599	3.53299	4.018753	4.423633	3.75321	1.973136	2.637339	3.228521	3.312769
2.962231	3.350389	3.20787	3.89658	3.009536	2.52918	3.278315	2.185493	1.387565
0.611705	0.37191	0.715148	0.226908	0.37993	2.13901	3.291528	0.284465	0.449564
3.516828	4.122009	3.175587	4.427722	3.264032	3.400315	4.284472	3.526474	2.451198
4.323453	2.087333	2.761299	3.970035	3.910272	3.034882	4.329103	3.120605	4.994981
0.664094	0.712043	1.268522	0.772129	1.125379	0.552137	0.727855	2.398926	1.096925
4.427649	4.087853	4.647563	4.797716	4.680167	3.548234	5.01573	5.118921	5.229789
2.586724	4.563532	2.971617	2.17777	2.272185	1.912815	2.365226	2.187236	2.163905
4.348534	4.135684	4.397849	4.52377	4.237563	3.944811	4.960209	4.58383	4.008415
1.677092	1.27	2.434665	2.368074	3.167828	3.117201	1.247609	2.410544	2.850113
3.775871	5.956435	4.811625	3.656022	4.972574	2.898564	4.450046	3.662089	2.768174
5.293694	5.470197	6.342466	6.414765	5.213353	4.076777	3.423725	5.047565	4.761099
3.679433	2.740338	2.39762	3.2396	2.616834	3.417473	3.302484	3.27946	2.162248
3.274575	4.057998	2.538527	2.578208	2.694152	4.056035	1.864045	2.735885	2.497167
3.044904	1.330046	2.264977	2.974506	2.352287	1.451119	2.500323	2.486042	1.722479
4.956965	6.028139	5.968777	5.162829	5.341282	7.068789	6.119291	6.310611	4.625351
3.347143	4.030355	3.287273	4.234421	3.803693	4.601543	4.106328	4.947373	4.956152
3.621584	4.542749	5.081938	4.744177	5.449565	5.229269	4.786056	4.898482	4.564033
0.18191	0.114847	0.128703	0.069356	0.122181	0.059058	0.120068	0.124861	0.076611
0.806785	0.282652	0.856069	1.658072	0.500953	0.578819	0.725573	0.601643	0.542238
3.053405	3.556736	2.652019	1.976576	2.37175	3.514012	2.37423	1.98434	2.649018
1.485363	1.426092	3.030076	1.781184	4.170176	4.203109	1.021147	2.428399	2.709498
0.81048	0.890315	0.671578	0.710582	0.748306	-0.11541	0.631952	0.526624	0.788863
2.143676	2.412351	0.614002	0.911166	0.43875	0.61428	0.688583	1.026886	0.897665
9.647304	9.663102	10.97897	9.564623	11.64466	13.78338	9.49151	9.702306	12.1221
7.310993	7.49194	5.243953	6.637661	5.53433	3.156184	5.826818	6.33904	3.495697
5.059202	5.654369	3.813423	4.753243	4.009622	5.678615	5.327498	4.147796	2.09151
1.076406	0.524228	0.977485	1.665499	1.433677	0.690872	1.69923	0.253065	0.41541

1.340517	1.298347	0.413999	1.565342	0.80592	0.247353	0.322417	0.23524	0.274228
0.553294	0.477215	1.121468	0.629551	0.721341	0.745768	1.374891	0.299306	0.317519
2.228577	1.947616	2.883358	2.895309	1.966348	1.455615	2.484089	2.209991	0.818301
4.501645	5.350629	4.136056	4.404229	4.29471	4.53959	5.122904	3.655563	4.724618
4.488719	4.05419	5.046396	5.117075	5.365642	4.499908	4.068459	4.146754	3.807417
0.095636	0.039155	0.169241	0.138612	0.68116	0.470981	0.291388	0.022438	0.199481
0.625102	0.5838	0.557332	0.491809	0.569616	1.592257	1.563582	0.787121	2.64459
4.9197	7.229987	8.149801	7.316304	7.896729	8.34666	6.615967	7.302019	8.715835
9.005127	8.358653	9.283038	9.257031	8.99765	10.33381	8.533788	9.471456	6.918691
4.233168	4.855115	4.407286	3.314009	3.582986	4.020591	4.266214	3.490812	2.408646
1.955103	0.894415	1.32857	1.256094	2.064595	1.357437	1.568697	1.364156	1.163898
4.277942	5.319487	4.909064	2.264746	4.96078	8.852749	5.68478	5.792569	6.453052
2.178061	1.099321	1.425862	0.708832	5.026005	5.415377	0.91905	1.562834	2.564257
2.987287	3.638527	2.994752	3.397912	2.714912	2.280702	3.709016	3.155583	3.138614
0.695146	1.492499	0.787737	1.504452	1.093519	0.563102	1.320498	2.725845	0.515241
6.874676	9.906356	7.883992	7.264354	5.917269	7.131209	4.331698	8.661297	10.89904
2.899815	2.713726	1.890779	3.363095	2.981558	0.879524	3.120987	3.616283	2.951878
3.489414	3.179669	3.701225	4.505658	3.476769	3.557738	5.024277	4.498524	2.466929
0.519406	0.702742	1.173069	1.015449	1.296603	0.559216	0.722948	1.295227	0.553133
5.397001	5.73794	5.672709	5.941799	5.347274	5.23502	3.756604	6.251619	4.955818
3.889473	4.946254	3.114532	2.395716	3.446413	2.6158	3.861433	3.098575	2.837018
2.166638	1.1886	2.526316	1.418403	3.414573	3.853001	1.8939	1.822727	3.342713
3.006047	2.84816	2.628038	3.764124	2.078786	2.056234	3.777326	3.147892	2.647747
4.729027	6.96677	4.111222	2.93627	3.338711	3.521909	4.513838	4.190093	3.99533
4.605536	6.105371	4.929107	3.726371	4.191102	5.13714	3.42404	2.794127	6.068134
2.152598	5.587189	5.801473	3.284678	4.100719	4.032533	1.928766	0.854117	5.068304
3.579933	2.128579	3.35581	2.930306	3.841986	2.805612	2.866881	3.175978	5.773547
3.443745	1.905404	2.368716	3.385343	3.272505	2.038841	2.652199	3.222492	4.316565
3.062069	2.490035	2.526073	3.591921	2.642983	0.931333	3.244305	2.572601	1.595627
3.770726	4.394848	3.274182	4.03234	2.752589	0.949048	3.361769	2.958101	2.384577
1.744279	3.161158	1.391394	1.962364	1.010355	0.790584	2.344436	1.915084	1.724025
3.147584	2.887524	4.385141	4.190341	4.544324	4.409555	4.423094	4.571671	4.126982
6.933201	7.305097	8.095062	6.985465	7.632318	10.72406	6.91197	8.56661	8.077133
1.543362	1.57126	0.994405	1.134209	1.035876	0.3538	0.545887	0.932822	0.221842
5.158031	4.664115	5.680516	5.55867	5.179174	6.514202	6.441	6.514866	4.721958
0.665349	0.350556	0.828529	0.869498	0.817732	0.281394	0.643549	0.242639	1.425526
3.832017	2.819129	3.326458	4.935238	3.506446	1.262595	3.913997	3.466449	2.584345
1.480415	1.56715	4.599425	5.612981	2.747286	7.758552	1.195202	5.654359	1.040061
1.531265	1.630729	1.453909	1.740092	2.352627	2.486065	2.390903	2.169283	2.913268
2.384044	2.260163	2.568392	2.656056	2.952153	3.621986	4.25782	3.439509	3.34447
3.952067	3.992744	2.97176	3.317695	4.118419	5.463001	4.6836	4.208883	4.40991
1.332396	0.109124	0.41696	0.197025	0.750483	2.38199	0.354933	0.241803	0.314654
2.125376	2.188445	3.807442	2.300775	3.895783	6.633893	2.001935	3.022066	4.210208
-0.03858	1.289574	0.221548	0.542345	0.470905	1.60004	0.322988	0.708461	1.135401
3.835742	2.445556	3.816741	4.55474	5.434248	6.270006	5.192432	4.460995	4.933777
1.367958	1.136527	2.92444	2.314063	2.66052	1.923452	1.724053	2.495907	1.432927
3.071311	4.242387	3.233178	2.854444	3.491487	2.647765	3.953496	3.956919	3.133429
2.26842	3.057732	3.209476	2.92514	4.396854	3.734794	1.1389	3.083046	3.759373
5.266363	5.234378	6.42713	6.171392	5.229561	5.808976	5.187246	7.19478	4.33286
2.084062	1.290121	2.609303	1.824414	3.540401	2.653236	0.987112	2.385143	3.071479
7.125501	6.289129	7.378953	7.229882	7.231085	5.030572	4.935731	5.628836	6.726746

1.955266	1.91294	1.917831	2.469874	2.765294	5.69055	2.020106	4.551759	4.097391
1.640055	1.500174	3.055621	2.688829	3.1624	1.787653	2.216174	2.13335	1.413163
4.066866	2.717231	2.904421	2.690987	4.326786	2.992857	3.032582	2.672028	2.200684
0.217539	0.057292	0.08098	0.086342	-0.00312	-0.00279	0.02352	0.246643	0.384007
7.929283	9.310697	8.243857	7.530519	8.305544	8.236322	7.050986	9.046823	9.18406
3.683837	4.67355	4.31145	4.413625	3.728187	3.699079	4.035446	4.33196	4.351107
1.874496	1.833027	2.804627	2.221114	2.387776	4.014239	2.946514	3.713834	2.525684
1.183333	0.516449	0.339133	0.75435	1.077473	0.53347	0.944154	0.739914	0.646939
5.346406	3.980941	4.238196	6.015254	4.756418	2.892582	4.347978	2.672012	2.917155
0.703686	0.619347	1.411564	1.280384	2.104473	1.720092	1.689258	1.242198	4.528343
2.31869	3.20067	3.123717	2.049	2.194259	1.966127	3.311167	2.077998	2.440059
3.07095	2.556719	3.02586	3.866394	2.855243	2.692972	3.53059	3.659864	3.050133
0.420274	0.816353	0.193151	0.032598	0.137704	0.020998	0.173292	0.431705	-0.0027
0.061914	0.013379	-0.02304	-0.04812	0.477461	-0.02302	-0.02497	0.097475	-0.06091
4.766757	2.63281	3.989071	5.107037	4.368342	2.33813	0.551034	4.181942	4.780926
2.354606	3.159021	3.036155	1.341235	2.547342	3.047188	2.840492	4.765592	2.306186
2.838001	2.533153	3.042934	2.005836	2.288448	2.554673	0.841285	3.272718	2.503634
2.955678	2.443461	2.936978	3.771059	2.765747	0.955389	3.557851	3.687701	1.225203
3.594819	4.13317	3.560118	2.90219	4.299073	3.365721	4.923198	4.201542	2.675908
7.097323	6.977696	7.447394	6.340047	7.599528	6.094112	5.854027	8.81329	7.409562
0.049278	0.111907	-0.05326	-0.01542	-0.05326	0.002969	0.157608	-0.02649	0.048936
0.841763	0.567842	1.71295	0.49704	0.884824	2.270327	0.920511	0.545614	3.742759
2.862238	2.152513	2.537924	3.938411	3.252651	0.673441	3.086551	3.245494	2.112748
7.240402	7.97197	8.04357	7.365577	6.848203	8.198164	5.63301	6.833773	6.043553
0.033568	0.058792	0.183776	0.260931	0.102094	0.14472	0.014472	0.247093	0.143809
1.148303	0.33698	0.153044	0.283992	1.974341	1.648706	0.601336	0.403607	0.336118
3.860752	3.948547	4.377839	4.036134	3.435901	2.498266	4.940012	3.402371	3.627873
5.506184	6.975912	5.875258	5.180745	5.803265	6.524168	5.029269	6.439505	5.613831
5.005028	5.57348	5.17989	4.956733	4.66973	5.365581	5.883762	5.442916	4.339845
4.179655	4.878884	4.643909	3.698837	4.459457	3.514429	3.824933	3.659859	3.888973
4.425062	3.683294	3.758809	3.308274	3.670278	2.283316	5.01568	3.539451	3.164529
1.046975	0.750934	0.896457	0.801105	1.345944	0.944745	2.412005	2.155666	1.228251
3.77784	4.181617	3.990449	3.718785	6.346167	6.208313	3.762385	5.548388	5.699717
0.0223	0.304102	0.010539	0.000681	0.010319	0.000681	0.010036	0.0194	0.009677
5.039291	4.934064	5.219309	4.795252	5.563108	8.145301	5.876562	7.216245	6.136408
3.659125	4.081231	4.007398	4.471568	3.841773	2.931305	4.451401	3.699133	3.672989
4.855428	3.770745	3.959957	5.138323	4.970113	4.737749	3.907649	4.147318	4.748404
1.953193	1.964137	2.959787	3.742658	3.107761	0.656513	2.55893	2.126253	1.106612
5.235098	4.82437	5.240466	5.865223	5.344594	9.012974	4.56562	6.015618	5.566891
2.464108	1.490447	1.490746	3.00364	1.828333	2.739772	3.147194	2.309685	0.559977
0.125794	0.658512	0.241587	0.126928	0.023725	0.007441	0.069803	0.02328	0.03771
4.560697	2.523933	4.369945	4.678879	4.206515	5.069299	5.589666	3.480134	4.236788
0.328457	0.194101	0.445923	0.351107	0.510742	0.388284	0.388694	0.701377	0.218578
0.112805	0.546036	0.19874	0.074375	0.125405	0.076362	0.16292	0.087246	0.014188
6.116069	6.163411	5.661842	5.41636	6.439252	8.457661	4.743453	6.842881	8.554616
4.166739	3.390723	4.176145	4.814307	4.145091	2.526759	3.058982	5.465001	2.570922
2.34236	3.228815	2.295902	2.458209	1.862051	1.681744	1.508218	2.077368	2.674664
0.67305	2.03495	2.296979	0.617218	1.46539	2.254248	1.565892	0.930681	0.548984
6.983232	6.203922	6.727925	6.409502	8.467253	8.89418	6.279287	6.72209	7.591436
0.076993	0.153955	0.056759	0.042326	0.012251	0.012251	0.040561	0.082168	0.092479
2.166058	0.962211	1.254123	1.056502	2.431556	2.430141	2.046668	1.364192	2.815955

2.816652	2.109125	3.431232	3.553352	2.445883	1.11288	2.978459	2.251067	3.231025
5.591045	5.827471	5.521123	5.581326	6.173072	6.852767	5.058863	9.143768	7.212112
0.33759	0.526153	0.233244	0.289566	0.267379	0.241214	0.290367	0.139683	0.661204
0.344708	0.130868	0.223231	0.252723	0.174096	0.468244	0.382877	0.055504	0.055504
5.324087	3.414229	4.552541	4.349722	4.552906	3.598258	4.419305	3.411929	4.253534
6.322249	7.383133	6.659443	4.590425	5.006061	5.866569	4.504908	4.457079	4.681181
0.087864	0.062193	0.19035	0.108838	0.168074	0.041049	0.031975	0.164075	0.097799
8.198959	7.850181	10.12484	9.390315	9.429983	11.18555	12.21854	10.57403	8.668752
4.497429	3.328521	4.619658	4.99359	4.809023	4.887797	5.079372	5.521598	4.031226
2.161967	0.883573	0.802448	1.480994	4.765173	2.789601	0.588553	2.149509	0.924003
4.399801	6.404801	5.079973	5.880001	6.071463	10.95918	6.701718	8.036087	10.82869
3.936948	2.968928	4.385522	4.265042	3.454941	1.818087	4.546572	3.360234	2.061773
3.754654	3.531835	3.32767	4.240885	3.120686	2.10119	2.52197	3.236264	2.766247
1.24261	0.849906	1.147179	1.6028	1.616054	1.860566	1.253078	1.689347	1.244458
0.033072	0.065825	0.043097	0.073112	0.100369	0.033072	0.05204	0.033072	0.139331
0.957533	1.326773	0.993216	0.370472	0.756841	0.122058	0.789519	0.745335	0.200158
5.902905	4.331593	5.447525	6.650296	5.778288	5.083293	4.830253	5.768174	5.559268
3.163317	2.540095	2.147715	3.022638	3.690816	2.473781	4.862253	3.733482	2.892408
2.77228	0.464235	2.170176	2.096291	3.806925	6.743647	0.787004	3.461824	4.438544
3.957677	5.849078	4.976539	4.740324	4.938704	5.811451	4.689048	6.969204	4.951074
1.702576	1.057716	1.218289	0.966923	2.234688	1.921535	0.448996	0.244442	1.584859
6.040987	5.447605	4.044603	5.312145	4.763437	2.844158	5.422944	4.149089	4.258696
0.843801	1.121249	2.019766	0.891468	3.210936	2.591586	2.330519	2.872066	0.887923
2.611111	3.076046	3.383069	2.803013	3.549187	4.778302	3.496336	3.385651	3.100424
1.559507	0.749925	1.425318	1.626617	1.7083	1.374013	2.348811	1.114124	0.692362
0.137545	0.17567	0.645352	0.206174	0.869834	1.043459	0.256235	0.270979	0.088874
5.047037	4.700109	4.971312	3.811385	5.300691	4.354166	5.032525	4.477047	3.381659
5.835902	6.207342	5.706984	6.161714	5.946885	5.749206	4.357114	5.708816	7.443666
0.650318	0.333633	0.73725	0.506071	1.196521	1.915499	0.334554	0.577681	0.721028
3.583845	4.792386	3.789904	3.812787	6.380204	6.977512	4.842833	6.957002	5.294562
7.552716	6.540053	8.073509	8.065263	7.562234	5.192729	3.840189	7.139188	6.733036
0.288545	0.543626	0.100504	0.237823	0.09906	0.034681	0.259973	0.367237	0.059027
2.668033	3.425084	2.704043	2.914834	2.987016	3.771234	2.475168	2.768827	2.767551
1.297981	0.782681	1.769082	1.367395	2.125185	2.04074	0.975805	1.483937	2.909102
2.66704	2.589059	2.168574	2.27372	2.93308	2.288648	2.72149	3.25079	3.326376
4.331914	3.999394	3.700178	3.466987	4.182963	1.164384	1.417926	3.194618	3.327031
1.764078	1.054176	3.345779	0.908808	3.998163	1.497784	0.686406	1.568254	1.699878
2.377412	2.836661	2.779615	1.740807	2.522332	0.490301	1.714029	2.860362	3.221466
4.424413	2.605903	3.840373	4.540143	3.901047	3.267936	3.323891	3.131599	2.341942
7.838993	9.425188	9.271635	8.516799	9.432813	10.22907	8.357853	10.03127	11.06903
4.923871	4.102198	4.31397	5.435963	5.373316	3.10077	3.555029	4.944906	4.959628
3.63336	1.174651	2.897043	2.577743	4.534901	3.933474	1.738439	3.204201	3.214528
7.572003	7.824356	8.373048	5.649466	7.600156	5.624757	6.265355	6.492643	7.526949
3.610888	3.402201	3.563899	4.081112	4.701922	2.434642	2.374677	4.760241	2.915905
3.515741	3.384463	3.718962	3.783999	3.01267	2.178823	3.065925	3.020032	1.443866
0.784141	2.321326	0.875355	0.287459	0.518423	0.422071	1.104192	0.646856	0.523211
3.5673	3.420528	2.870226	3.316321	2.59767	1.304888	2.558323	2.595929	1.524274
4.820479	4.499972	3.395966	3.481801	4.260812	2.79171	3.833105	4.887662	3.622633
3.270106	2.922819	2.851368	3.835251	2.743564	2.166265	3.413073	4.74421	1.264523
1.755236	2.377059	1.983231	2.253734	1.71681	2.600931	0.748446	0.325239	3.358596
3.57965	1.862827	3.308464	4.871058	3.950758	4.061358	2.242617	2.323286	3.007737

1.389136	1.414398	1.293264	1.295764	1.564915	0.250906	2.470604	2.128198	0.780496
3.411541	3.426472	2.871814	3.707251	2.910423	2.15214	2.610253	2.866509	2.671142
3.219142	3.723618	5.061029	2.889181	2.860628	6.868812	3.801352	3.399905	3.128089
3.821726	3.566168	5.151292	4.779437	4.661197	6.864737	4.407421	4.172956	3.687126
1.593656	1.078397	0.924219	2.128984	1.1735	2.196817	2.319413	0.868405	0.962822
4.157525	4.529206	5.044595	4.673148	4.509569	5.441876	2.792499	4.6487	3.490866
3.533865	2.008769	2.249998	3.380742	2.866803	4.950567	3.469405	6.220403	4.990352
5.025449	4.025102	4.590725	5.923172	4.710333	3.340606	4.45355	4.782558	4.367159
4.632635	5.12544	4.953723	3.710495	4.405514	4.730257	4.513983	5.328425	4.168431
5.377287	5.60191	4.416563	5.494099	4.699427	2.721022	3.949331	4.991318	3.920937
4.682757	4.963525	4.526053	5.112798	5.097679	2.057644	5.666066	5.136376	3.950815
4.956809	5.026475	5.488312	4.88554	5.318056	5.761317	5.864613	5.791248	6.012191
4.051378	7.493709	7.921428	5.491271	6.771467	7.964684	4.125394	2.139752	7.739795
4.514241	3.70944	3.65676	4.355008	3.830514	1.737665	3.62625	4.580847	6.908022
3.883825	2.810744	3.638113	3.518561	3.202537	4.135706	2.232527	4.70361	2.911718
3.960003	5.084235	5.756952	5.452413	5.355498	4.934317	6.787911	7.084648	6.355921
2.628365	2.398608	1.515809	2.255442	1.675846	1.180926	2.177951	3.943981	1.024169
2.793804	2.128291	2.666587	1.782489	2.688876	2.955027	2.789803	3.496565	2.371498
2.461472	2.381599	2.635479	2.181971	2.55828	3.810041	2.79521	1.125778	2.777545
1.915346	2.128053	3.370017	1.608643	3.797885	4.913066	3.042466	2.761763	5.008203
0.16166	1.491057	0.309732	0.082919	0.077298	1.177935	0.25135	0.278405	0.394127
6.103471	4.993231	5.288638	5.315668	5.570935	5.224606	6.172381	5.020036	4.640081
4.479383	4.379131	5.205424	4.502065	5.285693	3.310924	3.933092	5.13461	4.63503
6.049024	5.106218	5.36472	5.983393	5.711558	4.225795	5.794698	5.238098	3.912117
0.544026	-0.08636	0.106079	-0.08519	0.178367	0.900137	0.387397	0.916612	0.502547
1.730615	1.933246	1.090135	2.258885	2.325118	2.826358	1.70358	1.498919	1.524556
2.807075	3.299325	4.236578	3.368881	3.14866	3.859952	4.39304	4.115626	2.740149
4.567529	1.660905	3.406424	2.93256	4.483839	7.642462	3.673655	5.288859	7.305701
2.097415	1.6123	2.676673	2.166994	2.329989	1.205747	0.991091	2.34076	2.140683
3.45445	2.7815	2.963612	3.410332	3.44895	1.296497	4.228127	3.291352	2.855884
8.244848	5.628052	7.912437	7.069604	7.282205	5.43506	7.169049	7.314142	5.406378
3.403132	2.771308	1.922862	2.316836	2.415872	2.772752	3.534733	2.911196	2.32682
0.401593	0.450495	0.782295	1.1823	0.435685	0.089536	1.271067	0.666406	0.593017
4.948083	5.138671	4.002116	4.143747	3.914249	4.046927	4.511698	4.579757	5.493593
3.935704	2.974723	3.261377	4.897481	4.082227	0.963394	3.394838	3.577169	2.97805
3.961467	6.015694	2.167987	0.501164	0.700139	0.833624	2.042119	1.906891	1.667386
1.268813	1.36686	1.846165	1.552295	1.855083	2.732883	1.469017	2.133528	2.291964
0.193971	0.324148	0.351398	0.044974	0.445686	0.152787	0.043312	0.183395	0.188715
6.458542	4.793716	5.535958	6.037693	6.018501	5.943964	5.23384	5.498276	5.196099
3.216176	4.310999	4.760633	4.281643	5.079244	8.482067	2.68836	4.09963	7.902309
6.586587	5.27028	5.695513	5.726356	6.064841	7.556017	5.677968	6.060249	5.809446
4.791196	5.029442	4.403579	5.026327	5.421045	3.492724	6.509907	5.412032	4.243106
2.727686	3.663397	4.183553	3.476212	4.061782	6.064878	3.23083	4.928192	4.938704
3.672608	2.241251	2.871892	3.322169	2.550127	1.236479	3.411264	3.618038	2.45268
3.386998	3.607549	3.447894	3.835206	3.431951	3.805375	4.035624	3.91575	3.172573
1.054173	0.249967	0.70164	0.239108	1.779286	0.249015	0.075918	2.520264	1.081425
0.245937	5.019262	0.806139	0.179567	0.14337	0.165283	0.161063	0.79029	0.352125
2.033335	0.645866	1.032868	1.838461	2.088193	2.246364	3.160361	0.418501	0.560712
1.693396	1.170278	1.00263	1.375029	1.402341	7.280864	1.690313	1.28399	3.566367
6.002807	5.780137	6.072454	6.434487	6.461421	6.13219	6.7606	6.886274	6.968297
3.795184	3.383185	3.690445	3.084914	3.61893	5.906852	2.451172	3.467268	3.639058

4.539888	5.168757	4.069457	3.613121	3.700519	1.914043	3.76553	3.850589	4.276901
3.032299	2.902645	3.441022	4.047175	3.045965	3.430599	3.804233	4.150894	3.683486
3.865374	2.751716	3.553164	3.288431	3.94266	2.90082	4.551447	3.343177	2.466874
4.105727	3.534193	2.326272	3.186037	3.466815	2.41243	3.179451	2.80629	3.885611
5.033452	5.186022	5.897823	6.424424	5.280681	2.729013	4.118102	2.569357	2.559743
4.013065	4.643502	3.571872	1.817408	3.059915	1.071299	2.87515	2.537634	2.189109
1.953774	2.102844	2.494522	2.24227	1.791289	1.207374	2.738729	2.622468	1.419535

TCGA-TM	TCGA-E1	TCGA-HT	TCGA-DB	TCGA-DU	TCGA-TQ	TCGA-DU	TCGA-HT	TCGA-E1
1.258731	0.193057	1.250106	1.378218	0.6922	0.871302	0.614156	0.534364	1.29683
2.181506	1.490034	1.956567	1.993571	0.634497	1.850167	1.9731	2.328357	0.729967
5.550324	6.20624	4.244448	5.117782	6.079855	4.709529	5.420556	4.907851	4.51657
2.623826	2.298376	1.18775	1.09088	7.253987	2.590058	2.870983	3.241261	1.93407
0.797801	0.378971	1.903847	1.027892	0.912474	1.011875	1.357075	0.87072	2.44155
6.99312	6.640479	6.015204	6.402216	6.233609	6.551634	6.783349	7.053925	8.126235
6.197309	5.830232	5.707763	5.804407	6.507418	5.403519	6.396016	6.129188	4.818322
0.529698	1.309934	0.543858	0.968581	0.679344	1.06791	0.790981	0.602375	0.487011
0.247798	0.151242	-0.00155	0.00819	0.128507	0.176744	0.114361	-0.02711	0.118181
5.016801	4.209541	5.219883	5.081498	5.605646	5.475603	3.083538	5.338709	5.935329
4.511311	5.064844	3.688886	4.986067	4.729919	5.343839	4.642509	4.566312	4.26799
2.768861	1.831131	3.673019	2.766217	2.975132	2.667334	2.742022	2.927215	2.672423
2.335551	1.854033	2.14356	1.72923	1.582715	1.899985	3.680565	1.91043	2.537418
3.136965	2.493382	2.823299	1.990038	3.639952	2.569959	3.164075	2.22732	2.274846
5.386165	4.445952	5.809486	4.861576	5.231651	4.83157	5.28833	5.718268	5.870138
2.889491	3.702234	3.294798	2.820938	2.869912	2.536738	4.733361	3.404875	4.647595
1.384138	1.312961	1.128071	0.860948	0.892969	1.411164	2.718204	1.194917	1.699128
7.912608	8.666171	8.145182	9.356758	8.800446	7.455346	8.656024	8.515304	8.243896
4.824959	2.861543	5.980461	4.858295	4.907103	4.963651	3.608798	5.681796	6.054243
3.909872	3.641278	3.938376	4.093626	2.196535	3.311321	4.552873	4.165855	5.426
2.906533	3.305125	3.142015	3.23045	3.870258	2.761333	2.154817	2.990476	2.791957
4.082749	2.948137	3.837464	5.047644	4.068823	4.166453	2.601543	3.693486	2.130305
2.780266	1.992675	2.728348	2.943053	2.76519	2.715102	2.497259	2.853168	3.37952
0.273429	0.480924	0.345284	0.314515	0.324268	0.530095	0.925017	0.323395	1.190604
3.024512	2.988709	3.388251	3.35471	3.174904	2.270707	4.800435	2.712016	5.321397
4.327606	1.825076	4.474269	3.253775	5.353227	2.181642	3.670115	2.769716	2.578809
2.578987	0.469544	0.805492	0.909796	1.495792	1.476022	0.808929	1.220101	0.812311
4.924635	6.778412	4.451668	4.211777	4.665036	5.447257	5.542308	4.917553	5.6793
2.239277	3.453719	2.385119	2.584476	2.35422	3.129143	2.491263	2.376423	2.696397
4.093994	4.104751	4.355072	4.829771	4.613753	4.132551	4.511853	4.627946	4.516304
2.78825	1.494273	2.958144	2.647309	0.99768	3.069809	3.602382	3.38449	3.86128
4.600443	4.603244	4.079229	4.806577	4.484565	4.294424	3.060547	4.573558	2.869885
6.08256	5.064924	5.867846	5.899544	5.432318	5.771382	5.145002	4.783269	4.154913
2.627129	3.104785	2.697259	2.828079	3.237005	2.295136	3.042697	2.632289	3.217777
1.844769	2.629944	1.796746	2.191874	2.266769	2.42448	3.041339	2.419913	3.927234
2.308913	1.560059	3.555706	2.340933	2.092888	2.600953	3.052916	2.748192	3.764048
5.232786	6.285548	4.765622	6.646721	5.221882	5.077303	4.411835	4.866778	5.566482
4.024348	4.350557	3.639507	3.961907	4.021068	4.054467	3.773834	3.104725	5.135296
4.554945	3.827326	5.159876	5.048362	4.81734	4.890435	4.093097	4.68509	4.334557
0.119646	0.072088	0.098787	0.098536	0.161336	0.087286	0.395647	0.074381	0.099028
0.46602	0.478624	0.605098	0.592975	0.378706	0.792841	0.411243	0.494067	0.36709
2.430441	3.149083	2.119772	2.942857	2.768214	2.518021	2.294463	1.741347	3.132464
3.287937	2.014973	2.902834	2.109913	1.481271	3.13638	3.072206	2.87569	3.245855
1.262493	0.612295	1.370696	1.250201	1.338394	0.930899	1.002481	0.529132	0.279321
0.440437	1.844098	0.636094	0.72856	0.518048	1.09216	2.074934	0.310586	1.119224
11.01163	9.322508	9.934811	10.07638	9.59746	10.68248	10.98919	9.636324	10.33719
5.727261	5.780013	5.452054	6.059093	6.413349	5.704804	3.370793	5.886725	4.664598
3.623297	3.482108	4.134588	3.358952	4.416579	3.359502	2.408876	3.172854	3.243783
0.571092	0.677891	0.93305	0.748215	0.556773	0.604948	2.405721	0.65945	3.021538

0.580151	0.472305	1.066985	0.530818	1.244123	0.732953	0.779921	0.64654	0.482023
0.800974	0.560516	0.487234	0.643404	0.934151	0.766965	0.392246	0.932433	0.160512
2.096371	2.026899	2.116718	2.099421	1.499495	2.48383	1.775566	1.414882	3.313793
3.944189	4.963804	4.012148	3.864381	4.958445	3.681659	5.423479	3.637679	3.897911
4.455496	3.908911	3.706351	4.114518	4.133176	4.405123	5.169936	3.725571	4.404574
0.310441	0.041787	0.359225	0.130888	0.221933	0.167234	1.332717	0.196896	0.136024
0.643606	0.812281	0.413477	0.598951	1.432385	0.611365	2.702914	0.607135	0.826418
8.548638	8.485277	7.847373	8.192204	6.439761	8.35332	8.572996	8.139285	6.738522
8.527782	8.6205	8.63297	9.186847	8.62741	8.685015	8.671979	8.660511	9.369279
4.039093	4.105901	3.324096	4.067515	2.953251	4.007962	3.935165	3.055756	4.664567
1.420442	0.484698	1.982121	1.98156	1.520565	1.718539	2.45504	1.598633	1.223308
6.034486	6.406854	4.24707	5.701997	5.698161	4.337995	6.581646	4.401188	4.547228
1.565417	0.999718	2.238177	1.310721	0.588808	2.649091	5.609436	1.276215	2.474386
3.175153	2.550607	3.072334	2.408168	3.844446	2.807309	2.788059	2.808342	3.751851
1.169057	0.643364	0.487898	0.660449	1.099336	1.621444	0.646361	1.254001	0.767994
8.99959	11.10888	5.984393	9.122948	6.73913	9.600193	8.02462	9.249797	8.681212
3.036476	2.581143	3.321445	3.098359	2.362696	3.385259	4.001808	2.717067	4.510869
3.376896	3.562696	3.76063	3.874112	4.145844	2.575838	4.284113	3.704051	6.100228
1.270211	0.57589	0.382871	0.994683	0.617094	1.964421	0.446642	0.797828	1.663103
5.072677	4.578615	5.121395	4.502693	4.924603	5.086631	3.943985	5.060341	5.650829
3.336962	3.343103	3.30861	3.504418	3.333402	3.434073	3.254557	3.413303	2.839531
3.047483	1.178769	3.197916	2.378102	1.833116	2.533894	4.572842	2.2207	1.55664
2.696733	3.481802	3.181271	2.68573	2.924619	2.695822	4.224683	2.639322	3.326812
3.707433	5.33976	3.396276	3.781613	4.400607	4.68962	3.588643	3.202387	4.246182
4.178941	7.208198	3.411928	3.986612	4.588023	5.096372	6.629094	2.209899	3.188333
4.403942	3.681477	4.035789	2.152412	4.198997	6.08357	3.810533	2.528562	3.541231
4.138931	3.849271	2.662443	3.516924	3.21939	3.490924	4.70823	2.919012	1.125967
3.677808	2.470031	3.744058	2.692789	2.698186	2.551583	3.686547	3.405303	2.919177
2.30028	2.237732	3.167535	2.438762	2.721921	2.545044	2.918274	2.735663	3.676986
2.635917	3.466273	3.241102	3.10126	3.492212	2.879162	2.810333	3.458779	3.603592
2.04808	2.550125	2.219332	2.330314	2.918603	1.588443	2.60799	1.359685	1.210294
4.556249	4.351794	2.927393	4.14646	3.434955	4.793098	4.255954	3.89184	4.161668
8.013266	8.168658	6.880194	8.065064	7.253094	6.841419	8.015939	6.771106	7.56457
1.067266	0.658055	1.429712	1.122084	0.514734	0.943199	1.366946	1.208383	1.526971
5.274114	5.411072	5.394292	5.789339	5.968738	5.77593	5.427041	4.785612	5.676511
0.970744	2.236077	0.257476	1.015734	0.415367	1.143399	0.477231	0.447789	0.165138
3.469653	2.759922	3.901421	3.135376	3.570372	2.772442	4.120286	3.534299	4.346311
3.963234	1.129921	0.98972	4.022103	3.595	4.200112	1.249928	2.699796	1.145329
2.129063	2.026112	2.205584	1.411534	1.953485	2.319958	3.151254	2.169419	0.767191
3.140057	2.372704	2.810391	2.845762	3.592719	3.034805	3.655512	2.136945	3.380333
4.173209	4.731397	2.675765	3.081512	6.831888	3.436905	6.043391	4.08445	4.468378
0.692697	0.569345	0.387764	0.186649	0.212287	0.369302	1.676162	0.305234	1.226049
4.711247	2.820511	2.99946	3.431466	2.417296	3.678767	4.282963	3.006955	2.389405
0.509483	0.590733	0.36738	0.527965	0.645852	0.348307	0.432909	0.25389	2.247037
4.617968	2.122692	3.976031	4.242063	4.168645	3.808283	5.058067	4.220802	3.147389
3.078944	1.858191	1.193965	2.35297	1.118596	3.250322	2.727969	2.02352	2.525864
3.838786	4.237351	2.904132	3.61921	3.322805	3.359089	3.254238	3.475281	4.012557
3.16454	3.197537	2.883109	3.549662	2.463714	3.135074	3.577083	3.950531	3.335587
5.834301	6.089751	6.8834	6.648064	6.498906	5.365896	5.123971	5.212257	5.366463
3.891233	1.851093	3.132094	1.949131	1.095244	3.318285	4.398305	3.475825	2.062946
7.37932	8.205817	6.674753	7.965213	7.2616	7.320709	6.771366	6.486913	5.213665

2.090956	2.074098	2.67726	1.208697	2.333085	2.647419	2.636334	3.023237	4.0804
2.979742	1.849909	1.485816	2.546786	1.479512	2.533812	2.420241	1.390766	3.21289
2.492295	1.56614	4.044157	3.330425	2.752652	4.265073	3.512769	3.68985	3.85721
0.009896	0.037104	0.410426	0.029742	-0.01725	0.08915	0.745833	0.248542	0.753206
8.61528	9.120371	7.859531	8.329067	8.851444	7.650776	8.08784	8.617984	6.397084
3.890359	3.553754	3.871212	5.347282	3.903332	4.625448	3.839663	3.496965	5.28495
2.280536	2.519482	2.585921	3.033845	2.754165	2.584036	3.096056	2.351941	2.901943
0.568879	0.511378	0.630148	0.594659	0.297782	0.632935	2.478327	0.686504	0.729186
3.605252	2.751354	4.992564	3.991114	4.407705	3.664821	3.638178	4.701518	5.952298
1.40766	2.819592	1.886483	1.564839	0.865207	2.209865	5.455953	1.448067	1.117421
1.670808	1.944255	2.311087	2.58423	2.495685	3.065829	2.620916	2.326888	3.961925
2.942858	2.453941	3.214793	2.679408	2.928438	2.909684	3.63197	3.301026	3.857858
0.0507	0.443083	0.104467	0.255933	0.094543	0.034729	0.008931	0.160076	0.064396
0.010074	0.135302	0.074261	0.120865	0.104846	0.185187	0.151715	0.033345	0.538641
3.949139	0.807081	4.296525	4.612816	2.083663	3.179619	3.654477	3.792942	1.451124
4.511996	1.97238	4.033777	3.53969	4.71929	3.192885	2.72965	2.621887	1.17055
4.055149	3.339343	4.370555	3.793111	3.38037	3.347654	2.717714	3.576204	2.006817
2.535113	1.635097	3.361146	2.950323	3.032817	2.635804	1.953917	2.973489	3.256148
3.406366	3.149343	4.106213	3.471413	3.268303	4.099586	4.17695	3.876417	5.705586
7.987592	8.076774	6.984166	7.955628	6.953086	6.682979	5.413549	6.947888	5.557975
-0.00025	-0.05326	-0.05326	-0.05326	0.23261	0.017885	0.231777	0.04738	-0.03167
0.916659	0.524146	0.701248	1.437587	0.633213	1.005879	1.983977	0.450471	1.393012
2.910763	1.928282	3.383546	3.696959	3.181461	3.972655	3.478211	2.849256	3.544224
6.587205	6.747709	6.730049	6.233244	5.629742	7.104102	6.827166	6.124338	8.370909
0.1124	0.030102	0.430159	0.030472	0.007467	0.111014	-0.00557	-0.00841	-0.00686
1.141167	1.587601	0.624655	0.305423	0.555241	0.233296	0.896757	0.876302	0.363973
3.435271	3.241695	4.680914	3.256242	4.220572	4.194769	4.480534	4.145002	5.575338
5.914749	5.746864	5.030207	5.726657	5.433767	6.030194	3.904897	5.490394	4.89959
4.970883	6.036275	4.96056	5.34474	5.558741	5.437986	5.16376	4.778493	5.379358
4.886518	5.036771	4.41503	5.127698	4.975815	4.469657	4.621564	4.174312	3.554992
3.610013	2.825574	4.383275	3.758618	4.522117	2.573394	4.622899	3.963922	4.218962
1.128986	0.614982	0.53572	0.900221	2.208336	1.067529	0.986523	0.573235	2.181805
4.798327	4.020487	4.582012	3.552487	4.900359	5.191864	6.571337	5.668592	5.596731
0.000681	0.02319	0.000681	0.022251	0.007485	0.066723	0.007041	0.007769	0.000681
5.770843	5.135746	5.423533	6.355408	5.594153	5.667771	6.478583	6.56878	8.060274
4.133082	3.886759	4.2729	4.000779	3.916984	4.158238	3.52265	3.87174	4.763351
4.585704	4.042496	5.143698	4.34106	4.427507	4.62602	6.083309	5.004009	5.827215
3.227141	1.902165	2.109101	2.721637	1.84217	4.017947	2.363217	1.9318	3.454796
4.858637	4.115405	3.739803	4.351897	4.732536	3.801382	5.782883	4.202997	5.288161
1.773037	2.359501	1.378497	1.875477	2.607378	1.348397	2.173734	1.661292	3.284354
0.283622	0.16576	0.051125	0.413425	0.086394	0.169188	0.08135	0.066544	0.05799
3.078506	4.182675	4.277426	3.942581	4.278391	4.737258	5.520079	3.34259	4.838431
0.451496	0.214237	0.331859	0.309025	0.14346	0.23032	0.441647	0.441483	0.467346
0.058177	0.319342	0.547795	0.049612	0.30119	0.205886	0.124192	0.062628	0.030997
7.849184	5.831694	7.173081	6.763215	5.935329	5.533271	7.481379	5.293557	5.085509
4.20215	4.763453	4.215209	4.241954	3.785059	4.081155	2.139376	4.647855	2.774219
2.240321	4.93422	1.626247	2.688308	2.303413	2.024446	3.852195	2.866062	2.345362
1.274257	0.749142	1.785659	2.26022	1.220416	1.877235	0.713983	0.73387	0.963965
7.129925	6.858888	6.115164	6.08062	6.410275	6.312667	7.390546	6.141691	7.566488
0.095104	0.079609	0.03203	0.092563	0.012251	0.074548	0.021932	0.075812	0.012251
1.717258	1.176515	1.829356	1.197226	1.567492	1.459096	4.077015	1.424322	1.614194

2.608281	2.773016	3.176321	2.785547	2.822362	2.76466	3.436265	3.138058	2.93621
6.965971	7.636521	5.899701	6.84682	5.347552	5.45743	6.993722	5.847941	5.241036
0.27448	0.189749	0.290694	0.476153	0.14231	0.32914	1.057962	0.098355	0.589902
0.094413	0.087026	0.136453	0.136049	0.11775	0.165085	0.345047	0.114508	1.372011
4.051735	2.819657	4.946453	4.418381	4.431989	3.743589	5.237008	4.146553	6.295643
5.421181	5.939536	5.256482	4.595519	5.102317	5.536324	3.843575	5.111214	3.70961
0.550655	0.044571	0.083658	0.113768	0.335623	0.170898	0.26591	0.181603	0.032127
9.002093	8.157546	8.544831	8.632557	9.43961	10.49985	8.344037	10.83121	8.480314
4.673787	4.633945	4.741451	5.879446	4.936973	4.741079	5.086557	5.033494	5.091055
3.645149	0.849228	0.914096	2.324891	1.619444	2.244862	3.747422	3.94189	0.336031
7.044413	9.864426	3.995895	7.499294	7.897278	5.62867	7.833423	4.541457	6.186608
3.692881	4.079465	3.109292	4.094527	3.971557	3.053032	3.930658	3.548769	4.442084
3.496702	3.018555	3.901663	3.629241	2.945014	3.689171	3.701296	3.767797	3.598914
1.884483	1.2493	1.336925	1.08759	1.067465	1.748994	2.134927	1.119423	1.051258
0.088933	0.063447	0.072442	0.065786	0.053745	0.083216	0.065155	0.089816	0.040761
0.942278	0.823624	0.192968	1.345229	0.279353	0.665555	0.431319	0.942092	0.286454
5.392462	5.065331	5.686905	5.328444	3.563093	5.16587	5.67182	5.066985	5.085669
3.019751	2.840806	2.160038	1.808205	3.992463	2.153927	3.288456	2.317707	5.631177
3.326821	4.582004	2.212959	1.077653	0.856115	3.326886	4.585437	1.651587	2.613323
4.501958	6.702065	4.488673	5.720731	5.753399	4.973065	3.221697	4.858357	4.72492
4.254859	0.57782	1.653556	0.467389	0.810944	1.46792	1.527521	2.114829	0.110026
5.031965	4.483089	4.77371	3.541866	6.07975	4.650087	3.927742	4.534014	5.123429
2.975255	2.491268	0.280584	2.225319	1.473235	1.54895	0.691773	0.533278	0.924408
3.632603	3.845504	2.458483	3.513916	2.877393	3.187085	2.944496	2.81428	3.702106
1.259902	1.747925	1.358271	1.190158	0.994953	1.33352	2.188818	0.915919	4.063877
1.685635	0.059567	0.472771	1.612232	0.35001	0.683906	1.549237	0.287523	0.217207
4.987345	3.516122	4.404976	5.100273	4.986473	4.384985	3.223559	4.880757	3.269838
5.705932	5.08535	6.376103	5.665955	5.35463	6.419613	5.832515	5.765948	5.126349
1.005549	0.378832	0.853028	0.591888	0.317617	0.847247	1.283431	0.5803	0.907144
4.261061	4.025217	4.972889	4.134951	5.965677	4.573929	3.237087	6.060426	5.812313
6.999976	6.859809	7.757526	8.116986	5.909579	7.22229	7.257745	7.082559	3.740509
0.236584	0.530959	0.303395	0.134572	0.290697	0.12302	0.102543	0.267618	0.055158
2.909531	3.383518	3.065153	2.596461	3.013834	2.99136	2.916669	2.853016	2.249703
2.916904	0.944076	2.275338	1.423008	1.548079	1.831996	2.962125	1.563893	1.792343
2.541255	3.749544	2.121315	2.466917	3.246154	2.396539	3.162603	2.146722	2.74412
4.582507	3.132234	4.065848	4.172459	4.166339	3.735311	3.315473	3.966319	1.924302
2.337318	1.713285	2.893699	2.510498	1.456374	3.175833	1.770521	1.696408	0.647702
3.089684	4.038382	3.023917	4.117013	2.976512	2.317947	4.07677	2.810625	1.791864
3.395895	3.288411	4.067859	3.598124	2.556599	3.464711	4.141282	4.227253	5.362976
10.46152	9.975618	8.35598	9.827237	10.36694	9.476541	9.373021	8.300688	8.645696
4.851781	4.240465	4.731912	5.649336	3.880816	4.795038	5.865314	4.663201	3.797346
4.234684	1.855323	5.204851	3.323523	2.168956	3.696242	5.111968	4.244438	2.3811
8.407454	6.573326	7.612176	8.457014	8.930356	8.481457	5.295411	7.223103	5.510329
3.88795	6.192035	3.470552	3.701995	2.42421	4.488628	3.234498	4.798892	3.513384
2.96261	2.947346	3.439564	3.536529	2.986802	3.030358	1.785543	3.415514	3.118526
0.700572	1.487336	0.391243	1.481271	0.764927	1.000796	5.865848	0.543188	2.032178
2.395363	2.389356	3.00159	2.708605	2.542246	2.558228	2.83749	2.733213	4.432952
3.840258	5.524864	2.951281	3.544975	4.643473	3.878876	4.00522	3.031331	1.796647
2.817119	2.867976	3.256521	2.98774	3.060972	2.785696	3.656425	2.904255	4.404558
1.858843	0.902877	1.506822	1.502091	1.982131	1.247828	1.018178	0.64821	2.657093
3.175258	1.938659	3.745569	2.606578	2.419875	3.3389	4.017936	3.78671	4.158903

1.615433	1.389422	1.935497	2.200704	2.024133	1.595471	2.522893	1.750485	1.569202
2.815093	3.091533	3.463127	3.590579	2.509522	3.616369	4.049174	2.663689	2.397476
4.89713	4.38965	3.037058	3.192844	4.758288	3.94295	3.259566	3.450543	4.395765
4.381337	4.293764	3.570155	4.548746	4.170727	4.167123	3.966343	4.44249	4.24809
0.674053	1.892797	1.137298	0.741135	1.449076	0.738956	2.156332	0.612292	3.786026
4.291581	6.666253	3.906054	5.379532	3.110731	4.462476	3.790639	4.396992	4.484213
2.076294	1.719461	3.073647	1.126883	2.486717	2.907952	2.35377	4.05937	5.69419
4.737841	4.510751	4.951439	4.376307	4.690494	4.514778	5.742396	4.703109	5.328114
4.688468	5.132435	4.802353	5.408989	5.031661	4.325477	3.921187	4.833354	3.66536
4.601225	2.887941	5.666904	4.904624	4.704988	4.3203	3.814726	5.282513	4.387923
5.047648	5.652017	4.122563	3.899765	6.04851	4.615788	4.056477	4.922372	5.271259
5.234833	5.927484	4.364482	5.616814	5.571173	4.52347	5.203454	5.057634	5.754221
6.731348	5.868278	6.595531	5.168312	7.132436	8.52946	5.458058	4.663955	4.794478
3.997387	6.239532	4.433661	4.666722	5.398154	4.210606	4.525854	4.875865	0.844667
3.300299	3.573615	4.087743	3.101776	2.148913	3.018753	4.81481	3.725497	5.540464
5.526425	5.513722	5.795019	6.33371	7.545929	5.824713	2.307391	5.303814	4.184889
1.758358	1.722816	2.912402	1.791731	2.721355	2.067251	2.179189	2.703636	2.977267
2.771684	2.775748	2.956978	2.447395	2.505644	2.558566	4.131422	2.408705	4.058971
2.439226	3.6818	2.253399	2.029511	2.340553	2.419748	1.893163	1.771257	3.54623
3.775685	5.211159	1.954094	2.83284	2.38414	2.871214	6.348663	2.202154	3.011601
0.354281	1.07347	0.195743	0.448045	0.14067	0.101037	0.553343	0.17042	0.154872
4.812232	4.643413	5.224828	4.96126	5.382026	4.131799	5.094479	5.489231	6.302145
4.930626	4.535621	4.618364	4.651798	4.003401	4.762472	5.13423	5.151564	3.573392
5.265599	3.410064	6.114605	5.278644	5.945446	5.466939	4.105833	5.816452	4.68886
0.384401	0.289074	0.385016	0.382506	0.302814	-0.0004	0.468142	-0.02126	0.049494
2.005235	1.1123	1.541384	2.704575	2.517536	1.3605	2.077511	1.532564	1.062353
3.534761	4.056352	3.227351	3.91228	3.356488	3.952995	3.120866	3.319446	4.526059
5.506217	6.133414	5.762213	3.924872	4.107699	4.215981	7.746488	5.405771	3.622651
1.992858	2.231637	1.6996	2.992521	1.482089	1.897762	2.429228	1.423099	1.433906
3.17474	2.681135	3.809721	3.352233	3.777651	3.346976	2.752288	3.051248	3.26031
5.694289	5.893987	6.758439	7.10975	5.702865	6.436649	4.900672	6.522978	9.847533
2.328486	1.328821	3.591244	2.902346	3.453829	2.042777	3.62551	2.808658	3.507655
0.502113	0.179455	0.538172	0.469371	1.153364	0.906852	0.56054	0.651464	0.351165
4.178751	4.878679	4.139136	4.234336	3.958242	4.398898	5.825766	3.85348	5.033011
2.82608	3.084646	4.850232	3.479436	3.273431	3.683538	4.752334	3.77975	6.376923
1.321814	4.162537	1.008679	2.399632	1.601916	3.06629	1.926469	1.791184	1.422844
1.980511	2.135769	1.650838	1.599497	1.632569	2.08957	3.95993	1.483877	2.043712
0.367218	0.090563	0.202899	0.235274	0.0457	0.241011	1.813766	0.134589	0.090922
5.2231	4.787255	6.037426	5.62183	4.660297	5.488974	6.118464	6.098883	7.041104
3.923508	5.970221	4.496653	3.789973	3.283427	4.236662	7.412913	4.98848	4.824469
5.422365	6.00187	6.024824	5.441006	6.043559	6.070538	8.16271	5.338772	7.148004
5.078899	6.627914	5.215451	3.894854	6.379762	4.310837	5.519693	5.028903	6.79196
4.846865	3.93844	3.12355	3.45136	2.674754	4.535288	4.501271	2.84	5.212985
2.821973	2.335727	3.628382	2.676979	3.281734	2.630657	4.199802	3.754727	4.201723
3.585961	2.991663	3.360893	3.715331	3.427468	3.245148	2.691271	3.253216	3.805128
1.584345	0.131305	1.930004	0.915929	0.727164	0.393702	0.85783	1.159976	0.024327
0.343273	3.288773	0.151025	0.459378	0.209635	1.202796	0.496753	0.171582	0.340067
0.90973	1.296543	1.951003	1.053829	0.944595	0.570034	3.803787	0.482202	4.710757
1.478525	4.461839	0.978513	1.550881	1.02239	1.370258	3.725067	1.101018	0.990674
6.196689	7.750361	5.732843	6.728789	6.781948	6.167019	6.759738	6.601277	6.383221
3.971847	4.202762	3.150509	4.033842	2.83671	3.668285	3.803527	3.337368	2.864584

3.747288	4.540339	4.231562	4.617497	4.844409	3.933214	4.266569	3.472587	4.203153
3.396713	3.731753	3.324188	3.795465	3.367293	4.20035	3.964934	3.314925	5.152101
3.857958	2.797033	3.76313	3.931553	3.420125	3.254463	3.107394	3.994366	2.332703
3.16916	3.433649	2.998769	2.637492	2.930128	2.628697	4.925926	3.060296	3.282319
5.121985	5.071777	5.571866	5.312224	6.317884	5.592844	4.190371	5.248009	3.360263
4.054273	2.756622	5.268785	2.72119	5.283426	3.589757	4.344531	3.661266	4.92379
2.477791	2.2453	2.556871	2.739661	2.560403	1.890039	2.615465	2.381353	3.050113

TCGA-DB	TCGA-DU	TCGA-FG	TCGA-HW	TCGA-S9	TCGA-HT	TCGA-HT	TCGA-S9	TCGA-HT
1.04349	0.086612	0.018073	1.818148	0.542578	0.562328	0.542992	0.272849	0.601904
1.814125	1.820517	0.960761	1.726567	0.781947	1.717827	1.608205	2.723184	1.734735
5.024718	5.055147	4.850511	6.566657	5.628445	5.896191	6.728403	5.253675	4.720654
2.2649	5.479163	5.324616	2.629687	4.080256	1.997003	7.277456	3.152083	4.034807
1.495591	0.924459	0.605855	0.73418	1.219962	1.237281	1.03737	0.823246	0.489501
6.725189	6.586615	7.21883	7.469777	6.973346	7.450799	6.95661	7.304619	6.846234
5.524395	6.086942	6.307148	7.350727	6.427951	6.611654	5.813663	6.680672	5.87024
1.600781	0.499484	0.67597	0.735648	1.618695	0.70782	2.103142	0.902457	0.479526
0.019629	0.273457	0.445049	-0.09547	0.271786	0.06634	-0.05452	0.14423	-0.0281
5.231917	3.773258	3.957051	5.98786	6.323059	5.233759	5.306071	4.607624	4.545733
5.693847	3.935116	4.654835	4.75703	4.697855	4.240868	4.431189	5.652971	3.139514
3.398248	2.702654	2.376143	3.124371	4.451643	3.292282	4.087769	2.513156	2.341591
2.212399	2.451788	2.196675	2.429292	1.219902	2.694281	2.170479	3.068592	2.239322
2.092897	3.649698	4.126938	4.762297	4.431854	3.456897	4.292972	3.109927	3.639681
4.272861	4.566421	5.580565	5.944885	5.167975	5.001198	3.601943	4.749695	4.568644
3.936431	3.307562	4.475928	2.423858	2.628111	2.826518	2.319912	2.040003	3.876322
1.357506	2.154157	1.210004	1.161785	0.839034	1.174721	1.329124	0.983233	0.978532
8.357755	8.73131	8.469593	8.859556	7.819886	8.679122	7.474735	7.806142	8.443277
5.724171	4.26262	3.961384	5.633608	5.998982	4.872599	3.298887	4.702309	4.947419
4.377175	3.909907	4.165567	3.308383	4.538373	3.955528	3.313911	3.258457	3.957381
3.131445	3.080015	3.628537	3.404484	3.696251	3.039023	2.973558	2.877765	3.054572
3.804112	2.900141	2.448736	4.020733	3.255755	3.538582	3.059799	3.559186	3.944808
3.400352	2.790575	2.634007	3.187917	2.969984	2.15049	3.176072	2.061194	2.394979
0.668705	0.942261	0.809494	0.322379	0.73917	0.594462	0.39798	0.355141	0.584314
4.01776	3.281721	4.006505	3.311011	3.530376	2.806088	4.441241	2.424281	2.931441
3.053231	3.276349	4.196297	4.112731	2.63156	3.482587	2.102948	2.71561	3.314954
1.426325	0.951955	0.719713	0.843179	0.736777	1.207018	0.655579	2.699065	0.74484
5.302218	6.16621	5.33831	3.950189	4.949045	4.85197	4.54322	5.322507	3.849507
3.481034	2.267841	3.009746	2.256951	3.652354	2.75689	5.025555	2.003469	2.326459
5.072905	4.118837	3.972091	4.577452	4.510248	4.694454	3.946163	4.702307	3.964252
2.258496	2.516188	2.816457	2.024416	1.166387	2.484563	1.825996	3.561703	2.097026
4.618387	3.027117	3.417673	5.164807	5.316161	4.603001	5.944627	4.193568	4.947385
5.04513	4.364067	4.728231	5.110477	4.460588	6.120534	4.155619	4.472851	5.549736
3.223858	2.194149	2.378529	3.66921	3.523386	2.482877	2.972949	3.00316	1.819382
2.769096	2.014952	3.951066	2.459699	4.900714	2.032847	5.966933	1.925631	1.826397
2.735209	2.310009	1.836403	1.512906	2.319981	2.740771	1.867198	2.20894	2.138009
5.542527	4.194676	5.118474	6.276434	5.239113	5.259526	6.513327	5.746964	4.457801
3.336628	4.514635	4.039563	3.910212	4.344977	4.343752	4.687206	4.757527	2.899979
3.938044	5.431007	4.64645	5.480128	5.25811	4.986637	3.957605	5.334554	4.031682
0.079734	0.197182	0.130443	0.13916	0.164417	0.083801	0.083552	0.083803	0.09879
1.141715	0.321191	0.409847	0.31345	0.362197	0.235191	0.307063	0.192872	0.367348
2.906431	2.419934	3.241571	1.965172	3.821367	2.053191	3.817412	1.631742	2.297538
2.126411	3.612921	2.705597	2.454083	1.546648	2.270928	3.599038	3.286171	2.893987
0.895075	0.797	0.670306	0.836846	1.347021	0.852911	0.408927	0.678799	0.991953
1.463424	0.977605	1.331718	1.422771	2.182771	0.675925	3.365936	0.410873	0.45818
8.579477	12.08738	11.5481	11.3805	9.075746	10.44085	10.84792	11.53473	10.86516
5.881929	3.920327	4.195603	6.311616	6.737422	5.052352	6.755012	5.78639	6.172456
3.740102	2.551617	3.055438	5.112397	5.398717	3.972259	5.311076	2.476028	3.443859
1.384095	0.852503	1.287365	0.430085	1.129909	0.637335	0.492744	0.826804	0.413516

0.731177	1.030737	0.625081	1.905293	1.044753	1.363567	1.434424	0.996185	0.991189
1.034363	0.392214	0.303854	0.594762	0.578446	0.633921	0.305047	0.657122	0.671682
2.570777	1.348217	1.144681	1.861526	2.024987	2.111648	1.248	2.174631	1.326614
4.175263	4.446107	4.716343	4.569452	4.590061	4.863518	4.397931	3.317121	4.399061
3.511017	4.257497	4.177163	4.83228	3.407981	4.819646	3.233923	3.773865	4.869222
0.083575	0.285184	0.123802	0.194962	0.112009	0.314198	0.128534	0.2688	0.194476
0.828547	3.372595	3.467388	0.95784	1.417048	0.522031	2.808056	1.352339	0.393231
7.982208	7.878028	8.285834	8.116205	5.390765	8.409169	7.883536	5.049602	9.265254
8.410514	7.378618	7.900118	9.000782	8.265342	8.581037	7.957671	7.892596	9.14162
5.088895	3.449075	4.806672	4.567953	4.770399	3.731803	4.972189	4.117375	2.936393
2.217294	2.260541	1.198559	1.984613	1.529101	1.983407	1.7089	1.596923	1.202521
5.446387	4.537548	6.707448	5.232884	5.786369	4.557008	6.766372	6.123204	5.388589
2.095937	1.754541	1.363481	1.689021	1.191734	2.588814	3.645754	2.648401	2.780696
3.835649	2.734343	3.027023	2.503574	4.642712	3.033458	4.763716	3.904319	2.571692
0.587501	0.776997	0.730303	1.322856	0.905429	0.740269	1.304585	0.666119	0.589812
6.79891	9.978171	10.11274	9.259241	8.524149	8.654754	9.460191	9.151671	8.80414
3.440728	3.34363	2.844135	2.800698	3.026892	3.580351	2.362725	2.402658	2.686018
4.651188	3.409652	4.980103	3.211795	3.938342	3.349188	4.342223	3.698979	2.935943
1.004378	0.735665	1.036123	0.672171	0.759957	0.694759	0.417562	1.755327	0.595478
4.836848	4.279955	4.637018	6.323023	5.560416	5.065364	5.445156	4.85568	5.182558
3.97184	2.959586	3.214334	3.66208	4.684596	3.551629	4.953559	3.10056	3.227203
2.200494	3.33911	2.508723	3.111933	1.468299	2.654401	2.415822	2.852546	2.390083
3.465637	3.013241	1.791543	2.527322	2.897411	3.25192	3.152227	2.015771	1.972193
5.132906	3.967397	4.382888	4.10526	5.810691	3.916733	6.785624	3.50728	4.058875
3.855161	5.673063	6.185905	4.505524	6.333398	3.526552	7.922404	3.973687	5.280352
3.291725	6.972983	4.972766	2.107456	1.961953	5.904755	5.12236	4.452351	6.272643
2.943813	3.692352	3.443546	3.117419	2.677342	3.317729	3.019751	3.203535	4.065112
2.440055	3.569205	3.836753	3.907585	3.250563	3.488691	2.771772	3.496254	2.409757
3.618006	2.37335	1.477658	2.505749	3.347617	2.779736	2.179055	2.24512	1.852332
4.433842	2.510853	2.859747	3.361374	3.352816	3.108834	4.200357	3.199306	2.546946
2.554461	1.937012	1.142263	2.381758	3.419003	2.265813	2.11614	1.308955	1.438291
4.194742	3.715318	4.256045	3.312842	3.615554	3.687433	2.957747	4.804582	3.361962
6.625815	7.706486	9.31563	7.724936	7.016016	7.247946	7.284924	8.377	7.136672
1.794079	0.695714	0.572468	1.436886	1.121867	1.159929	1.459803	0.695034	0.72571
6.700915	5.174918	6.081775	5.335795	5.334521	5.493247	3.955315	5.635553	4.928556
0.427659	0.741538	0.947673	0.518508	1.324924	0.663325	0.645138	0.64567	0.881452
3.894598	3.718672	2.807217	3.48218	3.608654	3.396706	2.584092	2.973056	3.106838
2.871285	1.194803	1.042894	2.573658	2.330689	2.520375	4.923188	3.228677	1.640731
2.870036	1.90404	2.239848	2.09239	1.812327	2.360108	1.95078	2.590674	1.617382
2.86141	3.030493	2.243559	3.667105	3.35069	2.566943	2.702433	3.540964	2.046715
3.087702	5.542272	5.346456	4.085088	6.549123	2.887109	6.543444	4.044314	2.486602
0.425034	0.373088	0.186146	0.595484	0.135287	0.174865	0.59661	0.360898	0.240779
2.810259	4.101919	2.600946	2.687689	2.058475	3.32095	3.867395	3.993271	3.439441
-0.01097	0.827397	1.25668	0.143941	0.138961	0.121777	0.101754	1.23673	-0.01206
3.689868	4.168698	3.430986	5.533025	2.531783	4.124698	3.264744	4.792513	3.92931
2.765197	1.286016	1.69785	1.525438	1.394863	1.539394	1.256409	2.989364	1.404427
4.303539	2.902865	3.674495	3.148893	3.869021	3.211908	4.245607	4.110704	2.355636
3.043208	3.321311	2.893698	2.73356	2.003537	2.656289	2.68729	3.311187	2.32366
6.102029	5.613838	4.795366	4.933601	5.901407	6.575098	3.065465	5.233855	6.50695
2.889479	3.468222	2.084711	1.920223	1.542607	2.914226	3.289212	3.501004	2.97912
6.88569	5.042402	7.004131	7.171633	6.486577	6.580568	5.88882	5.750946	7.918515

1.721432	2.486388	2.747012	3.490053	2.101819	3.004297	1.982246	4.153118	2.598087
1.824756	2.191421	2.692514	2.353557	1.709248	1.928471	1.555099	2.456057	1.927676
4.303457	3.285239	2.669868	3.823158	2.432144	3.980474	1.338302	3.157151	2.88579
0.101628	0.035536	0.347358	0.336075	0.177968	0.412214	0.113534	0.365163	0.156831
7.935319	8.522576	8.512675	8.937535	8.01442	7.950814	8.579108	8.186791	9.64885
4.851819	4.202948	4.475686	3.503344	4.171136	4.015145	4.917973	3.833857	3.703861
2.641397	2.514427	2.662491	2.42827	2.234072	2.75622	2.156729	2.464395	2.27742
0.641096	0.788699	0.63073	1.263028	0.86576	0.583463	1.258449	0.505379	0.910496
4.838319	4.297934	4.019839	5.088053	5.096579	3.231025	3.2832	3.367606	3.552997
1.684642	3.232846	2.876984	1.110903	1.0583	1.976265	2.031344	1.791691	1.432857
3.142936	2.527993	2.858857	2.045476	3.065307	2.516053	3.149403	2.698687	2.066153
3.717524	3.038641	2.551037	3.05498	3.271135	3.425343	2.312935	2.869758	2.594685
0.331085	0.012175	0.20797	0.075321	0.823563	0.117006	0.485129	0.193115	0.027067
-0.01481	0.090015	0.163346	-0.0459	0.0069	0.004152	-0.04462	0.249619	-0.0207
3.899651	2.275378	2.825638	4.082489	3.446047	3.149742	2.608431	3.557698	4.350782
3.80779	2.138805	1.630117	4.73669	3.036942	4.999556	2.133872	4.040331	4.226332
4.056665	2.488078	1.263785	2.588243	2.034945	3.429801	2.765298	2.094235	3.969938
3.204455	1.962175	1.66946	3.001289	3.232466	3.347402	2.179563	2.996493	2.530867
4.14831	3.82778	3.242319	3.331447	2.77626	4.375386	4.111268	2.293154	3.819302
6.226302	5.71125	5.744749	7.21859	6.539774	7.836326	6.60413	5.998254	8.011475
0.082962	0.05037	1.935447	0.122599	0.530754	0.062681	1.763042	-0.05326	-0.05326
0.622127	1.29819	2.237844	0.886707	1.050302	0.367997	0.954495	0.990366	0.355385
3.604029	3.245755	1.830915	2.687721	2.842291	3.513687	2.095757	3.144081	2.5704
7.465295	7.093939	7.535912	6.073889	5.649553	7.30126	8.07111	6.819031	7.577634
0.229685	0.32312	0.121621	0.006712	0.197882	-0.00932	0.072126	0.08666	0.377625
1.615081	0.237832	0.248756	1.398551	0.971618	0.166281	2.167728	1.397636	0.139737
5.162486	4.597463	3.606216	3.260892	4.495191	4.575174	3.615526	3.053083	3.53628
5.496067	5.705092	5.519922	6.035478	5.319674	5.014426	6.578884	6.16921	5.876163
5.46966	4.332277	5.380633	5.004877	5.319279	4.940758	5.599438	4.990379	4.39553
4.80642	4.215375	4.247758	3.016867	4.598665	4.415682	4.615584	3.909762	5.000817
4.411742	3.261548	3.152621	4.160615	4.379704	4.934697	4.131203	3.37264	3.464337
0.544821	1.284248	0.969257	0.752266	1.255133	0.51481	1.101322	1.628261	0.647752
5.213784	5.281012	4.939366	6.49868	2.986275	3.873297	5.814043	6.936809	3.349787
0.048468	0.000681	0.000681	0.023974	0.027239	0.014292	0.500466	0.009195	0.000681
6.148974	5.951355	6.207561	5.844415	5.181918	5.963709	6.196091	7.059127	4.485736
4.080231	4.184657	3.926054	3.785732	4.91889	3.594331	3.424142	3.748431	3.643929
4.520682	5.504886	4.365435	4.95843	4.88846	4.931532	4.20057	4.20252	4.142715
3.142555	2.59416	2.441133	2.242756	2.714305	2.017731	1.83972	3.32295	2.143937
3.839672	4.856335	4.623675	6.334308	5.229237	4.551957	4.259203	5.764452	4.650609
2.262648	2.640764	3.042921	4.034556	3.485654	2.360258	1.707559	3.977349	0.827395
0.499971	0.007441	0.393521	0.109962	0.310293	0.075427	3.363116	0.064286	0.122024
4.620156	4.436272	4.259761	4.07815	4.125717	3.828609	2.653816	4.595095	2.822947
0.264902	0.275579	0.339805	0.564262	0.214399	0.357908	0.123857	0.277969	0.328924
0.317173	0.146059	0.150193	0.07393	0.174445	0.101907	0.1547	0.215855	0.271586
5.010633	5.43726	6.308138	5.916338	6.312596	6.088126	6.955212	5.748628	5.688816
3.76621	3.396273	3.308692	4.039247	3.337826	4.331674	2.923227	3.601604	4.157243
3.123828	2.972	1.554504	2.220695	2.063206	2.145404	2.259198	1.238868	1.782086
1.908973	1.286968	1.528128	0.881481	1.486244	1.27991	1.264218	1.819103	1.869834
5.080925	6.955783	6.97996	6.588866	7.438169	6.4992	6.068699	7.357645	6.22145
0.030502	0.130049	0.130554	0.035838	0.129506	0.151142	0.012251	0.038037	0.033434
1.057208	2.889842	2.769198	2.01519	1.437218	1.370851	1.621375	1.845703	1.408451

3.489215	2.639787	2.148568	2.652636	2.759277	3.077182	1.794034	2.431247	2.353245
5.522768	6.393108	6.255478	5.663052	5.356444	6.410084	5.836068	5.089366	7.828719
0.47744	0.447647	3.518394	0.16269	0.444167	0.373243	0.831642	0.404585	0.301862
0.356664	0.140037	0.389391	0.088118	0.200175	0.095392	0.159866	0.126185	0.090602
4.927204	4.853148	5.067005	4.103552	4.309456	4.456616	3.480446	3.868129	3.516349
5.497944	4.631858	4.545299	5.633094	6.497683	5.629185	7.425721	5.026832	5.02854
0.143372	0.094515	0.126119	0.108947	0.049635	0.130251	0.033996	0.575317	0.065621
10.12806	8.726954	9.29321	9.543659	9.463966	9.740777	7.840507	11.11675	8.352029
4.986963	4.322098	4.135524	5.942256	4.672173	4.480828	3.452887	5.082309	3.975893
4.372416	0.582335	0.588326	2.186987	0.233872	0.703302	5.21329	4.409151	2.068349
5.523901	7.296559	8.596364	6.043095	6.758569	4.881251	7.773084	6.348829	4.694419
4.740112	2.510816	2.492136	3.152542	3.077625	2.852798	2.890023	3.4312	2.279859
4.288905	3.457793	3.161039	3.53319	3.382147	3.649505	3.462797	3.235523	3.391262
1.298786	1.562866	1.246052	1.58091	1.040867	1.553711	1.006741	1.551942	1.292584
0.08134	0.040499	0.033072	0.056702	0.068867	0.146753	0.092244	0.084298	0.047253
1.424295	0.975867	1.2584	0.616041	0.843066	0.429739	0.375606	0.644348	0.469603
4.774649	5.184661	5.335976	5.807377	4.300015	5.695102	4.487035	5.103511	5.183747
2.464937	4.054935	4.550071	3.208455	3.929875	2.145493	2.521647	3.268115	2.090632
1.01912	3.653038	2.452306	1.7725	2.191095	2.24491	2.001968	2.085293	1.083764
4.538286	4.78466	5.666652	5.984851	5.600494	5.246012	4.129484	6.029475	3.981964
2.660398	0.687109	0.589795	1.374842	0.135236	0.398958	4.258638	4.094189	1.251505
2.768575	6.32855	5.992133	5.866549	6.284455	4.19422	4.327078	5.568496	4.497868
1.127938	1.375507	1.25912	0.132209	2.194609	1.012797	0.497515	3.637763	0.724502
3.092317	2.55544	3.149682	3.135704	3.019376	2.788675	2.937131	3.620814	2.76984
1.566129	1.736262	2.076119	0.630465	1.308889	0.990922	0.909678	1.099528	0.667047
0.714635	0.156959	0.281143	0.515355	0.347039	0.484523	0.390362	0.281538	0.487107
4.557174	3.15977	4.356482	5.074299	4.30642	4.401671	3.261328	4.072704	5.06748
4.932616	7.42687	6.536401	6.345286	5.280559	7.222551	5.543469	5.367745	6.880503
0.755189	0.8556	0.56629	0.726059	0.561345	0.892814	0.801126	1.166864	0.542349
4.974625	4.926932	4.194193	6.913891	3.838042	3.938099	5.546084	6.71504	3.675045
7.324858	6.410369	6.614264	7.576245	5.1681	6.981272	6.447844	5.57475	7.971279
0.277091	0.064259	0.106325	0.117352	0.888853	0.210173	0.661793	0.386511	0.214369
3.176055	3.135123	2.732957	2.596583	2.838356	3.081913	3.05694	2.596904	2.509967
1.322441	2.74316	1.801295	1.418682	1.664827	1.801267	1.829966	2.509268	2.204774
1.400595	3.710526	2.820026	2.735817	2.548759	2.7182	2.225256	2.791144	2.852115
3.081352	3.439345	3.168034	4.54134	3.45026	4.140278	3.583254	3.69978	4.439534
3.264661	1.07042	2.90483	2.389798	1.24509	2.772837	2.697003	1.674238	1.600486
2.637247	3.54161	1.834012	2.71274	2.38731	3.344068	3.370911	2.297655	3.910008
4.133913	3.465093	3.551773	4.002398	2.672569	3.821666	3.229472	3.016912	3.408246
7.230508	9.784263	10.40074	11.99218	8.819345	9.350918	9.116109	10.18823	9.890585
4.678974	2.391395	3.622546	4.53699	4.105349	3.852385	4.208873	4.194758	4.259212
3.403557	4.336961	2.702232	2.926478	2.642721	3.855755	3.280814	3.752209	3.12027
7.122072	8.680489	6.705491	6.951427	7.188843	8.134165	7.450944	7.03562	9.392549
5.433481	3.640213	3.243962	3.504313	3.805389	3.512572	2.967149	3.840685	4.808026
3.92742	1.833659	2.101719	2.426634	3.811638	3.220627	3.103398	2.521031	2.888397
1.667398	0.645419	1.225822	0.645261	2.864174	0.485548	2.461097	0.653977	0.391256
3.254386	2.065236	2.528224	2.819467	2.743648	2.89185	3.547943	1.634686	2.530507
2.930664	4.06643	3.283361	4.794955	3.494786	4.243509	3.427542	3.378058	3.561977
3.609925	2.9871	2.710543	3.155537	3.330819	3.722983	2.901268	2.619577	2.042031
1.035971	2.505822	1.564967	1.414292	2.021032	1.690842	1.983788	1.001107	2.185881
3.55747	3.91685	2.813186	2.170687	2.444547	3.410734	2.610144	2.332495	3.223107

2.447447	1.992699	1.116459	1.663836	1.93551	1.907352	1.193403	1.84387	1.355536
3.957066	3.667713	3.138658	2.001754	3.676878	3.475115	3.507059	3.0294	3.607723
3.626995	3.821858	3.790751	3.605704	4.277252	3.514837	7.104095	6.249778	2.948922
5.206541	3.658176	4.501657	3.959868	3.803986	3.674451	3.191137	4.29522	3.925057
1.39898	2.104073	2.644505	0.815	1.326005	0.745995	1.168348	1.039452	0.474263
5.03429	3.953831	4.772633	4.49372	3.770934	4.219513	4.515648	4.16141	3.769256
0.768564	4.620445	2.942843	4.953418	3.193201	3.77906	1.507202	2.857014	1.975211
4.303274	4.998121	4.438718	4.977475	4.321891	5.570023	3.675881	3.804287	4.422214
4.724659	4.397512	4.367043	4.792243	4.247417	5.052378	4.475064	4.602395	4.322324
5.244826	4.386236	4.193437	5.063516	4.798788	5.110835	6.483157	3.497959	4.767639
3.70171	5.329002	5.668379	6.294631	5.162966	4.223108	4.521986	5.596993	5.112629
5.336772	5.129723	6.403895	5.489701	5.876891	4.659251	4.441497	6.052316	4.461314
5.984474	9.621167	7.372582	4.000489	4.423952	8.220614	7.005448	6.88736	9.181488
4.971756	7.447907	8.966485	3.779429	4.275931	4.685247	1.755914	4.408226	2.604539
3.647831	3.598402	4.095698	3.990098	3.475904	3.768407	3.467066	3.747918	3.477272
4.417367	5.829951	6.104997	6.348546	6.196154	6.19152	4.217545	6.992496	3.766084
2.668998	1.924258	1.951091	2.594755	2.550955	3.050757	1.850506	1.931368	1.622215
2.425099	3.11541	3.290972	2.355473	2.688196	2.992928	2.076473	2.347804	2.712863
1.422518	3.45794	2.775418	2.537304	2.604235	1.962225	2.31836	2.724433	3.212013
3.017734	4.493291	5.035322	2.859267	2.801547	2.546317	3.056721	3.294588	2.239727
0.136248	0.541115	0.498314	0.134142	1.118983	0.176445	1.278145	0.172656	0.220255
5.261687	4.768606	4.896728	5.880846	5.660698	4.696932	4.72398	5.174219	3.993516
4.699328	4.936994	3.906473	5.179649	4.000115	5.350933	4.395323	4.334535	5.692259
5.456085	5.354852	3.92392	6.04025	6.066378	5.761927	4.876874	5.105567	5.136255
-0.14226	0.550761	0.084073	0.118649	0.494736	-0.08364	0.071589	0.277013	0.092667
1.465423	1.757976	0.914711	2.198573	1.982747	4.111609	1.762211	3.582105	3.190576
4.948365	3.35559	5.171421	3.067748	3.44426	2.918106	3.178784	4.044856	2.761698
2.860605	6.24747	5.634193	6.033511	4.348188	5.781137	4.997009	4.727462	4.8989
1.923378	1.76126	1.72893	2.295164	1.960173	1.747942	1.575085	2.046139	1.579147
2.906229	3.519245	3.330153	2.884078	3.293521	3.873254	2.524983	2.810516	3.500952
6.681187	5.998802	6.837774	6.493941	6.103236	5.76215	4.925215	6.752236	6.556835
3.346894	2.459238	2.813006	3.207591	3.049584	3.149282	2.58575	2.421434	1.412256
0.885002	0.47868	0.462789	0.319301	0.627182	0.325049	0.170475	0.764588	0.202629
4.778124	5.260226	5.174437	4.215269	5.0954	4.107064	5.854877	4.365461	3.900167
4.073099	4.188277	3.792543	4.10583	3.700204	3.571128	3.229051	2.703693	3.725759
4.426201	0.772794	2.810022	2.506991	5.385594	1.983647	5.940451	0.656536	1.196015
2.341684	2.632294	2.897119	1.733744	1.283562	2.362961	1.753614	1.513297	1.848462
0.100806	0.224009	0.182209	0.09309	0.627781	0.05531	0.317473	0.02887	0.277299
5.742789	5.130364	5.994494	6.010954	5.156468	5.806318	4.94302	5.787964	4.809207
4.090878	7.038316	6.272644	4.195785	2.982836	5.016178	5.013973	4.290957	4.917235
6.043504	6.889326	6.222337	6.108727	6.203069	5.989489	7.039873	5.016478	5.589708
4.785153	5.728787	5.921246	6.038211	6.167114	4.407159	5.001351	6.011253	5.988899
3.786116	3.563332	5.480876	2.829444	3.247231	3.919936	4.334605	4.464119	3.230961
3.532068	3.476737	2.5421	3.185566	2.386178	3.657031	2.24237	3.057742	3.049648
3.932589	3.143017	3.41792	3.285265	3.733057	3.464361	3.366349	3.687012	2.954051
0.108447	0.217278	0.296349	1.854066	0.63615	2.000843	0.059032	0.700733	0.711837
1.975582	0.128625	1.188497	0.258067	0.476171	0.22346	2.275734	0.154081	0.198833
2.533181	2.459982	3.422653	0.446612	1.961822	1.185087	1.643299	0.624458	0.338
1.127174	1.064906	6.604529	1.820699	1.512138	1.22111	1.336864	1.045813	0.930226
5.874793	6.706337	6.767765	7.386565	6.457033	6.144261	5.98199	6.697596	6.067631
3.375583	3.475909	4.564614	3.107582	3.722725	3.433737	3.103896	3.335991	3.171358

3.931869	4.812591	5.119938	4.686554	4.933746	4.2192	5.272786	3.324678	4.151885
4.197122	3.987401	3.907325	3.213306	3.744332	3.005268	3.469715	4.524996	2.224849
5.332553	2.761022	2.819345	3.82921	4.08124	4.840357	2.22363	4.519924	2.762605
2.685038	5.855017	3.787962	3.652872	2.947869	3.092782	3.797296	2.008193	3.111553
5.326112	3.501702	4.205343	4.53094	4.833472	4.302065	4.597267	3.935541	5.468514
4.111231	4.695542	3.629269	2.556426	4.950659	4.914495	4.371568	3.089793	6.258881
3.498619	2.056062	2.06273	1.661713	2.264411	2.14703	1.822255	2.69577	1.486713

TCGA-CS	TCGA-HT	TCGA-DU	TCGA-DU	TCGA-DU	TCGA-HT	TCGA-FG	TCGA-HT	TCGA-QH
0.221022	0.631876	0.500685	0.961086	0.680048	0.799564	0.321624	1.025452	0.771722
0.482339	1.602254	1.529224	0.967864	2.01217	1.430119	0.828364	2.6289	0.52068
4.832954	6.489372	5.696028	4.373272	4.546479	5.77689	5.376883	4.996478	5.383769
1.666834	7.071606	3.767275	2.948913	2.1973	4.017398	2.225227	3.268507	5.792971
1.018531	0.687097	0.393985	2.233191	1.105276	1.430802	0.893923	1.009739	0.366481
6.092378	5.804382	7.497299	6.380019	6.598829	5.98594	6.576924	7.895713	8.51875
6.773244	5.606835	5.720764	5.378723	5.387113	5.74446	6.468249	6.014866	6.271488
0.792951	1.770731	0.576615	0.559836	0.622931	1.786745	0.996966	0.664231	0.555037
0.012622	0.040863	2.022579	0.215262	0.215598	0.284852	0.145841	0.244208	0.300423
5.83361	4.785648	5.439613	4.651298	4.944438	5.348932	5.235738	6.11781	6.542727
4.157729	3.8475	5.919162	4.301371	5.387001	3.50156	5.199009	5.158158	5.785757
3.964501	2.594364	1.905343	2.448484	2.228417	4.030897	2.395459	2.668381	1.673729
1.68789	2.33441	1.348186	1.524897	2.588258	2.546626	1.489585	3.247493	2.353237
4.484636	3.537204	3.686287	4.226005	2.540591	3.686979	3.773654	2.983665	4.234731
5.378664	5.06423	4.634529	4.952036	5.672649	5.365598	4.693982	5.195286	4.153227
2.712917	2.455235	2.047379	3.187719	3.387059	2.875584	2.283132	3.843114	2.92516
1.034074	1.68989	0.752892	0.965293	0.970443	0.940965	0.909181	2.224987	0.637346
8.363854	8.145582	7.444196	8.814456	8.21968	7.782046	7.70326	8.19417	8.369897
5.152847	4.167738	4.661495	5.199746	4.837683	4.875936	5.053522	5.350353	3.71364
3.849513	2.583783	3.390866	5.118948	3.994104	3.879137	3.639297	4.736461	2.341714
4.021016	2.431449	2.440426	4.093711	3.509199	2.92454	2.739288	2.993029	3.277825
3.23727	4.215007	2.529673	2.029311	4.605208	3.679901	2.769217	2.551537	1.337207
2.884881	2.39129	2.574209	4.06454	2.248152	3.100603	2.687886	3.556603	2.302487
1.220273	0.294105	0.373058	0.663294	0.262495	0.30467	0.565512	0.873941	0.944384
3.391115	3.057453	2.256213	2.766178	2.667965	4.282351	3.162799	3.661856	3.766529
5.105261	2.973074	2.36634	3.610216	3.042176	1.966305	3.954777	2.482011	3.378251
1.131147	0.676886	1.005371	0.687319	1.418446	0.749284	1.215637	0.636869	0.835369
4.110837	3.997657	4.797155	4.127007	5.383836	4.274474	5.002528	4.569872	3.884835
3.253228	3.7494	2.177012	2.60067	2.23255	4.252287	1.824504	2.452809	2.053323
4.631367	4.047609	4.212229	5.074446	4.546395	4.451235	4.746518	4.881747	4.54865
1.387795	1.971306	2.585757	1.707799	3.336014	1.726158	2.039453	3.557219	0.87652
4.99502	4.986298	5.328496	3.958684	4.322748	5.213122	4.89881	3.986068	4.755035
4.682111	5.050635	5.362702	5.704057	5.165292	4.76088	5.092946	4.890453	4.379016
3.253385	1.876931	3.113063	2.737412	2.984279	2.101602	2.419884	2.940175	3.471939
1.992689	2.765645	2.005961	2.315015	1.659061	3.741001	2.030847	2.748964	2.525357
2.307193	1.733533	1.659571	2.238809	2.787415	2.345929	2.247775	3.000166	1.217607
5.810465	5.068337	5.557794	4.377577	5.822036	5.439128	5.603355	6.829919	8.286475
4.399418	3.396447	3.3979	2.916963	3.955101	3.588046	4.104635	3.900875	4.842285
4.659181	5.196453	5.094362	4.184161	4.67667	5.084063	4.170639	5.24365	5.117866
0.134323	0.128408	0.126017	0.098622	0.057529	0.094791	0.094888	0.095867	0.131511
0.699374	0.755431	0.570714	0.548101	0.327629	0.347076	0.524225	0.37037	1.657313
2.955143	2.702681	2.506188	2.935916	2.07747	3.219851	2.792132	2.486048	3.459589
2.05722	1.996912	2.624749	2.499989	3.324222	2.234892	1.686739	4.563153	1.544801
1.29829	1.271456	0.19295	0.744212	0.809919	1.316639	0.458704	0.598596	1.175511
0.710168	1.399184	0.662731	0.501375	0.340722	1.314522	0.831102	1.161799	1.593979
10.01003	9.498315	11.20519	9.899489	11.09582	9.411034	11.78913	12.22503	9.71691
5.723068	7.132331	4.631867	4.2986	5.564215	6.84514	4.443498	4.611271	5.633272
3.631795	4.234076	4.086992	4.271425	2.625801	5.026035	3.281686	4.811723	4.711777
0.508489	0.346994	1.11863	1.966622	1.228475	0.613943	0.903381	1.98446	1.014841

1.321126	1.533747	0.463191	0.607177	0.675149	1.155455	0.689392	0.535025	0.29228
0.239413	0.842772	1.205015	0.36373	0.866695	0.526577	0.763612	2.412533	0.843254
1.354569	1.450316	1.920987	2.81438	2.049468	2.055681	2.405558	2.649903	2.208426
4.769026	4.110902	3.920994	4.254007	3.717637	3.795919	3.739921	4.71583	4.627747
4.13123	3.564955	4.381484	4.528977	3.833825	3.794143	4.28888	4.599776	5.389676
0.121718	0.094868	0.423722	0.216248	0.495415	0.208913	0.087762	0.752801	0.188524
2.240705	0.423308	1.430682	0.622172	0.506414	0.512121	0.671597	0.718623	1.069509
6.144024	7.307989	9.061474	5.838635	6.97152	6.003806	8.151673	8.089651	6.990649
8.599001	7.99412	8.465538	8.997673	10.20914	8.428394	7.577592	9.837961	10.26742
3.212342	3.393486	4.122881	3.134216	3.386034	4.063802	3.706406	4.658262	3.932162
1.814946	1.599151	0.935516	1.074767	1.594687	1.298894	2.021335	2.949386	1.343833
5.93998	5.432196	5.341851	4.186756	5.141097	4.726727	5.894675	4.887369	9.458395
0.790853	1.545338	1.679191	2.369821	0.938621	1.08013	0.824416	4.975047	0.565475
4.621844	3.358115	2.232382	3.687508	3.490053	3.760607	2.869504	3.440907	3.680471
2.202181	1.093852	0.962354	0.580536	0.525488	1.199776	0.496987	0.495597	1.142785
8.850007	9.401737	8.600839	5.497564	7.534926	8.508773	10.27768	5.177173	9.953095
2.891864	2.553429	2.193757	3.478033	2.908534	3.314693	2.857047	2.85875	1.384683
4.080191	2.693662	3.472856	4.932735	3.558959	3.68784	3.966435	4.765576	3.098043
0.370891	0.742054	1.452918	0.808333	1.473137	0.562597	1.962408	1.258742	0.552786
4.809628	5.015686	4.983349	6.143318	5.493048	5.379971	4.946848	6.646301	5.561594
3.560168	3.94132	3.093228	3.002977	2.803545	4.699429	3.108188	3.229272	2.74424
1.323904	1.676802	2.181963	2.173335	2.952507	1.901903	2.473073	4.37296	1.615122
3.896963	2.648749	1.512016	3.078575	2.549297	2.928427	2.532763	2.626867	1.672106
4.387086	5.413774	4.29933	3.791177	3.034753	6.090647	3.228157	3.675394	4.54023
2.756389	5.655366	5.008023	3.685129	2.672702	5.42219	4.869681	5.940119	6.327014
2.310777	3.990256	4.835618	5.551908	3.94662	5.242257	5.667943	2.130611	1.646245
4.142567	3.850729	2.734785	1.586961	3.410596	2.567078	1.971156	2.722622	1.831097
3.540853	2.399874	2.069547	3.784026	2.46743	2.515895	3.555426	2.111705	1.841805
2.673052	2.244448	1.928879	3.505516	2.774257	3.232449	2.788376	2.588092	1.576236
3.581825	3.347825	2.254578	3.346692	3.461594	3.920309	2.804985	3.009673	2.663293
2.521496	2.848601	0.716119	1.490168	1.654506	2.313473	1.188515	1.571294	1.322732
2.955237	3.548201	5.258311	3.23168	4.46657	3.017081	4.692997	4.769807	4.637339
6.218064	7.919936	8.512266	6.487118	7.521488	6.515218	7.678657	8.38632	9.931808
0.538925	0.940104	0.702496	1.820126	0.979302	1.443669	0.875697	1.146986	0.132688
5.58862	4.311516	5.530451	4.934394	5.613365	4.434447	5.267293	6.249486	7.242676
0.1635	1.174466	0.500203	0.43227	0.465007	0.590196	1.0445	0.722145	0.302617
3.406502	3.030797	2.979454	3.462665	3.59173	3.491811	2.662389	2.202135	1.728874
5.923666	2.307061	4.307902	6.954648	1.966058	1.936591	4.280338	3.699038	4.096879
1.814728	1.381192	1.445288	2.80135	2.37535	1.945668	2.913683	2.49953	1.446738
3.360485	2.405266	2.702369	2.3995	3.288829	2.346982	3.152261	3.926685	3.957428
6.100088	5.644713	3.749731	3.314921	4.120251	5.651972	4.246934	3.614613	6.692115
0.105825	0.152487	0.246582	0.890637	0.299855	0.27596	0.466859	1.063752	0.361872
1.631767	2.394586	3.673829	2.286806	4.548775	2.172368	3.217536	5.303691	3.226308
2.789549	0.29382	0.490179	0.131098	1.952307	1.049707	0.582576	0.304028	0.482211
4.769049	2.447741	4.216606	3.20012	4.213354	2.652946	3.871174	6.752626	3.321367
0.928444	1.645862	2.882367	1.801947	3.009613	1.191302	2.664041	2.765925	1.617329
3.118979	3.678633	3.594948	3.473178	4.129089	3.696881	3.585862	4.03332	3.495045
2.660664	2.570092	2.844441	2.518022	3.517636	2.416514	2.061865	3.372444	3.058716
6.127227	5.185369	4.564903	5.521621	6.440509	5.817429	6.261919	6.30052	4.961043
1.707998	2.427021	2.486474	2.319104	2.768769	2.261892	1.941244	5.089438	0.81315
6.489515	7.205647	7.315188	6.70296	6.9654	7.262661	6.683551	6.073366	6.882459

2.182329	1.722299	2.044809	2.739261	1.754829	2.312128	4.196798	3.663327	2.622662
1.348672	1.327014	2.69348	1.893488	2.510389	1.534648	2.408954	2.668721	1.492971
3.162399	2.965995	3.287591	4.486184	2.467382	3.559326	5.100324	4.411176	0.981802
0.346987	0.074468	0.687622	-0.00831	0.007245	0.146064	0.474038	0.009599	0.024633
8.766824	9.320126	8.761062	6.997077	7.429538	7.151391	8.759866	6.630997	8.578999
3.993634	3.775904	3.799243	4.296598	4.346171	4.076029	3.602112	4.486747	3.667286
2.728874	3.640717	1.716009	3.076417	2.667507	2.292013	2.384742	3.011998	2.870559
0.445819	0.652704	0.266759	0.757988	0.662335	0.724449	0.313546	2.274121	0.593164
4.98566	3.535337	3.506574	5.037711	3.935655	4.720676	3.191528	5.345702	4.505419
1.08661	2.040787	1.081104	1.728098	1.112107	1.281946	2.333458	2.253513	0.345881
2.670305	2.09038	2.318918	3.157471	2.055829	2.753075	2.730021	2.467285	2.089987
2.98807	2.349028	2.394972	3.646844	3.176444	2.741315	3.170742	3.634409	1.801634
0.006448	0.271767	0.049137	0.090274	0.317063	0.581652	0.212263	0.647792	0.286214
0.108104	0.2639	0.001485	-0.02581	0.126876	0.043915	-0.06091	0.094546	0.170494
-0.39481	3.41881	3.722823	5.718402	4.055978	3.770302	3.823518	4.089471	-0.21805
3.058494	3.314738	4.033078	1.493371	2.094579	4.035923	1.822244	3.706261	4.346321
1.772117	4.189619	1.720838	2.68064	3.121153	3.549904	2.721461	2.627177	0.324471
2.95839	2.301925	2.05542	2.8004	3.063709	3.029163	2.845922	2.503493	1.608934
4.059905	3.693192	3.584539	3.241909	3.045776	3.811652	4.299565	5.064839	2.303445
5.822099	8.037474	7.487674	6.624154	7.339246	6.812865	6.667951	6.787527	7.531366
0.121944	0.048189	-0.05326	0.067636	-0.02931	0.0058	0.019942	-0.05326	0.001543
0.387258	1.191378	0.90081	0.469032	0.933473	0.923875	0.789414	1.167674	1.46945
3.57799	2.732049	2.351889	2.605001	3.15484	3.604426	2.866353	2.679935	1.638085
5.636205	6.23578	7.395062	8.843716	6.848196	7.16898	7.770528	7.540218	6.375006
0.005407	0.038713	0.101566	0.043299	0.044006	0.158966	0.021175	-0.00903	0.062867
0.144386	1.11622	0.098596	0.355554	0.194658	0.870511	0.430256	0.454269	0.417444
5.353139	3.19022	3.118015	4.449313	4.262351	4.627151	3.812787	3.515516	2.513366
5.551564	6.435912	6.01493	5.017902	5.735324	6.197624	6.187038	5.957539	5.932
4.610047	5.64	5.128445	4.813451	5.225083	5.201618	4.917883	5.308215	5.769855
4.606248	5.552473	3.783498	3.63168	4.696634	4.769557	4.425342	3.724902	3.771654
4.913791	3.409558	2.933094	5.155951	3.648836	4.1338	3.653871	3.79376	2.321351
0.858286	1.000174	0.957458	0.689374	1.260456	0.830971	0.928904	0.997636	2.293489
3.164899	5.108588	3.022772	3.178681	5.630678	4.430954	5.403676	4.57079	5.411849
0.000681	0.071417	0.22155	0.018922	0.000681	0.102795	0.051775	0.028187	0.038959
5.1806	5.950709	4.61475	6.478868	6.854844	5.186387	7.062394	5.612199	5.129637
4.385786	3.587516	3.135946	3.471133	4.511019	4.059514	3.04031	3.96322	3.512866
4.552446	4.038117	3.884719	5.714186	4.844788	4.307566	4.814222	5.399229	3.941502
1.456968	2.044142	2.794754	2.749983	2.962935	2.368861	3.446015	2.816152	0.879404
4.793781	4.567454	5.27529	4.049894	3.875346	4.295821	4.608501	5.307249	6.435078
1.586002	1.522133	1.663413	0.912392	2.734294	1.603633	1.92592	1.874308	3.815916
0.016985	0.507965	0.199343	0.088184	0.021611	0.885371	0.050547	0.127943	0.071498
3.540763	2.670302	1.211831	5.128228	5.239233	3.507548	5.375907	5.669423	5.505081
0.088741	0.15657	0.673397	0.463974	0.184604	0.208317	0.446871	0.759131	0.428785
1.444527	0.41252	0.147879	0.114929	0.212857	0.183663	0.047595	0.186609	0.110873
5.261411	6.639314	5.208959	5.924306	6.152509	6.061451	6.052	6.134107	6.588506
2.967202	4.16561	4.180553	3.851451	4.850601	3.08038	3.305695	3.927878	2.151603
3.164544	2.374076	1.526975	1.932561	2.311178	2.42779	1.673815	1.835606	1.691639
2.024591	0.746083	1.005208	1.285003	1.183286	1.174274	2.358962	1.145321	0.856132
7.142599	5.712337	6.15406	6.302648	7.167977	5.707936	5.848867	8.806872	7.302342
0.046309	0.097064	0.124229	0.067035	0.050176	0.022769	0.051027	0.040084	0.026866
1.322493	1.106802	1.167484	1.520096	1.852156	1.168177	1.091951	3.247429	1.917903

3.142677	2.192085	2.161051	2.71561	2.923692	2.451486	2.701222	2.140101	1.761342
4.84571	6.915309	5.358077	6.825917	5.095158	5.398121	5.668148	6.399063	4.605987
0.333174	0.419315	0.286025	0.227199	0.356062	0.34149	0.153149	0.370258	0.174058
0.130322	0.132481	0.321935	1.1608	0.276561	0.196392	0.161323	0.857339	0.314225
4.890907	2.472849	3.575056	4.91851	4.224511	3.888592	3.891508	5.006762	3.878279
5.299562	6.162449	5.192505	5.339968	4.855918	6.527976	4.671721	5.017428	4.892867
0.175321	0.04909	0.096969	0.094117	0.171815	0.042293	0.23052	0.175609	0.03642
8.511827	7.902882	11.77104	9.154418	10.35572	7.970736	9.371415	10.63235	12.59449
4.699174	3.796352	4.639354	4.260959	5.163032	3.948766	5.148003	4.217697	6.179468
0.267296	2.145233	0.399348	1.067277	0.593443	0.99281	1.285775	2.815449	0.689081
6.798109	7.35382	5.855154	5.316683	4.615372	4.660845	8.227132	7.961325	6.656409
2.005536	2.668443	3.474196	2.963137	4.83845	2.832638	3.274484	4.170087	3.968739
2.423284	2.867486	3.045593	4.683628	3.853426	3.376442	3.020586	3.019265	1.702117
0.703033	1.048334	1.315558	1.058957	1.572971	0.781664	1.929949	2.238006	0.807097
0.095043	0.097265	0.055109	0.033072	0.14824	0.061006	0.109785	0.124061	0.033072
0.422951	0.716765	0.604649	0.186422	0.918273	0.663126	0.357327	0.819039	0.243106
3.476503	3.725399	4.719557	6.607216	4.951535	4.284431	4.549284	5.294513	3.138809
4.227313	3.159851	3.1241	3.292485	3.131541	2.933261	2.443388	3.268708	3.921676
0.807774	1.64137	3.937183	3.54819	2.229598	0.910626	4.957656	4.647234	1.881761
6.796364	5.965582	5.257499	4.220096	5.268806	5.690305	4.873674	3.821167	6.838885
0.207017	2.543466	0.43566	1.119288	1.617333	2.63228	2.345229	1.897592	0.65494
5.289519	5.73752	5.084334	4.90072	4.651148	5.423386	3.854918	4.375111	6.156871
0.319889	1.615911	1.546064	0.808164	2.831887	0.436568	2.138628	0.730837	1.700022
2.675881	2.749006	3.93863	2.808858	3.602749	2.581385	3.480507	3.996279	4.809693
0.942622	0.679417	1.431047	2.699695	1.705785	1.032193	1.263867	3.042422	1.452496
1.24318	0.241618	0.178614	0.454441	1.259923	0.533286	0.362401	1.499328	0.397879
4.086989	4.229733	5.293689	4.353909	4.818767	4.795883	3.367561	5.240547	7.38165
5.975802	5.665103	4.866289	6.593663	5.017547	6.659552	6.529233	5.081314	3.174564
0.377243	0.392885	0.842498	0.983026	1.33875	0.546858	0.542985	1.937742	0.336866
4.837478	5.796769	3.045804	3.606014	5.218397	4.708902	5.689735	3.94846	5.518108
6.251543	6.655519	6.909871	8.31565	7.115766	6.677364	6.615732	6.068136	5.072447
0.160203	0.473257	0.04945	0.075661	0.717661	0.453502	0.11999	0.320325	0.321283
2.809409	2.621476	2.530681	2.252734	3.023563	3.150317	2.640089	3.255347	2.081424
1.44502	1.390697	1.345933	1.093001	3.02783	1.891999	1.495829	2.737923	0.533913
3.544763	2.987038	2.117088	1.948819	2.997303	2.564927	2.344925	2.443882	2.072824
4.273777	4.69178	3.269416	2.319415	3.57109	4.231029	3.182923	3.008044	2.769605
0.161173	2.348856	1.195565	1.652041	1.486785	2.187177	4.433275	2.578772	2.588658
1.97367	4.086882	1.662689	1.993172	2.295794	3.749947	1.084348	1.636018	0.711981
3.153712	2.063434	3.146577	5.391124	3.728278	3.072653	3.647052	4.173582	1.943266
11.63247	9.981475	10.17718	7.74825	9.228466	8.973434	10.05716	8.586943	10.8913
3.25218	3.928879	5.311113	4.705631	5.24142	4.110788	3.563066	4.217827	2.89364
2.54053	3.143874	3.198362	3.489248	4.215032	3.406128	2.529091	5.432141	1.331551
8.090488	9.102105	8.0657	7.684097	7.07389	9.441864	7.520087	5.894423	5.637084
2.940855	4.122566	3.980587	3.656686	4.776953	3.351421	4.441267	4.485949	3.880517
2.387452	2.781239	2.617656	3.861118	3.198969	3.67634	2.621355	3.349552	1.85511
0.758451	1.838961	0.65572	0.731809	0.478078	1.487825	0.51258	0.894401	0.937041
2.841927	2.665395	2.320016	3.663892	2.227905	3.569188	2.100184	2.885012	1.319308
3.866535	3.841232	4.121885	2.884498	4.305471	4.133898	3.925119	3.597893	3.664186
3.007396	2.54598	2.658903	3.535333	2.830606	3.188392	2.863227	3.465579	1.948908
3.500574	1.336456	2.13894	2.982567	1.234245	2.058368	1.654615	0.80539	1.424621
3.704968	1.727416	2.410742	4.35665	3.14812	2.734101	3.059507	5.037343	1.770008

2.024534	1.400177	0.63	1.202	2.442152	1.657099	1.041109	1.452767	1.631326
3.438168	3.519049	3.09015	3.560569	3.972261	3.268381	3.598128	2.920012	1.962847
3.684166	3.88413	4.480752	3.850561	3.902745	3.480264	3.081435	4.088932	3.984899
3.464279	3.576309	4.55231	4.21414	5.09311	3.278407	4.376392	5.443942	6.24751
1.874096	0.41973	1.30207	2.787187	1.675575	0.831963	0.766237	2.750502	1.574484
4.202705	3.532967	4.434764	4.916019	4.153576	3.692764	4.38072	5.476891	5.064433
4.377641	2.148336	2.858009	2.71001	1.938431	3.389137	5.964831	3.704224	3.367015
5.984334	3.9159	4.258847	5.6406	3.557782	4.514204	4.527405	4.382632	3.142061
6.003717	4.601746	3.826105	3.711946	4.654819	5.093421	5.353624	3.875505	5.432322
4.828002	4.973564	3.663127	5.01687	4.412916	5.859313	3.035328	3.861368	1.947855
4.409913	5.396376	4.915792	4.515307	4.372848	4.617395	4.577521	4.623999	5.596972
4.981917	4.81003	5.835113	4.564242	5.890291	4.142988	5.358423	5.938379	7.066879
7.061218	7.747826	7.752731	7.262391	6.411989	7.833128	7.292348	4.394791	4.821041
3.550914	3.367084	2.032536	3.58248	4.598636	4.597479	2.953938	2.649737	3.640123
1.430253	2.70777	3.198027	4.281163	3.436593	2.87502	3.006072	3.969468	2.179737
6.216176	6.957129	6.17824	4.916887	7.038229	6.223349	5.211823	5.576733	7.089764
3.863661	2.167223	0.917061	2.250502	1.796648	2.701431	2.385872	1.902928	1.202963
2.246481	2.624257	2.471364	3.266365	2.567064	2.060652	2.710521	3.373969	2.581033
3.103729	2.374529	2.479462	2.177424	3.323511	2.1863	2.535702	3.269095	2.566479
1.35639	2.86914	3.465089	2.093758	3.346526	1.861423	2.910057	4.389963	4.767059
0.088581	0.202917	0.218244	0.218471	0.333015	0.733789	0.131593	0.201585	0.221724
5.242786	4.240106	5.010228	4.754266	5.193387	5.170043	5.041023	4.882167	5.311021
3.659378	4.863744	4.952681	4.78734	4.542454	4.864351	5.156283	3.93932	3.487194
6.82388	4.724805	4.720659	5.679593	5.601536	5.945678	4.874476	5.499083	4.068868
0.185637	-0.0203	-0.14226	0.013005	0.335614	-0.02423	0.279785	0.164205	0.328014
1.847573	2.078836	1.526909	0.699199	0.871566	1.679954	1.15941	0.978492	2.492865
3.972582	2.748051	3.927361	3.514286	3.986159	2.716996	3.853558	4.756246	4.954854
5.999631	4.580584	2.890369	4.886784	2.960778	4.342946	5.953039	5.204222	2.751086
2.402942	1.93233	2.516383	1.266313	2.108139	1.502808	2.294244	1.517317	2.542838
4.666415	2.580113	2.551409	3.862179	3.421387	3.692953	2.911002	2.740653	1.478518
4.752161	6.108293	7.575984	6.606796	7.025765	6.22843	5.690121	6.904566	6.39482
5.332172	1.993254	1.019298	2.890735	2.816584	3.317846	2.235349	2.616751	2.58171
0.445	0.385331	0.380793	0.371492	1.212364	0.392385	0.82926	0.535991	0.397162
4.27155	4.195789	3.766859	4.386465	4.527518	4.624516	4.497388	4.987893	4.498989
3.838532	2.850443	2.501982	4.182012	3.380167	3.621575	2.635091	4.610877	1.349916
0.534471	4.68514	1.820329	2.753948	0.336967	5.829917	0.713881	1.540164	2.150294
2.204749	1.647383	1.579152	1.515849	1.93224	1.091238	2.022118	3.04208	2.041903
0.61763	0.360881	0.291169	0.101885	0.144194	0.29186	0.225351	0.068635	0.084276
4.267001	3.666576	5.670726	7.064765	5.982811	4.333991	5.663745	6.331855	5.583473
4.412057	4.611167	4.722894	4.62068	5.202901	3.586558	5.499515	6.674041	2.575975
6.403113	5.587877	4.773251	6.778859	5.306955	6.048717	5.622381	6.879587	7.129443
5.639216	5.050918	4.742556	4.978456	4.742636	5.430429	4.095835	5.320636	7.060241
2.212235	3.03964	4.370012	3.541642	4.006547	2.858073	3.841593	4.264014	3.890956
3.109541	2.379963	2.645617	3.640749	3.040117	2.89138	3.275503	3.098524	1.960128
3.218824	3.284777	3.394423	3.404536	3.911472	3.141493	2.828208	3.928697	4.070413
0.504181	0.221728	0.461326	0.306563	0.751351	0.887079	0.162988	0.133469	0.039846
0.199882	3.549894	0.480569	0.698143	0.117773	2.780534	0.136671	0.121222	0.315425
2.053028	0.244234	1.227691	3.22385	1.880195	1.101816	0.469719	3.055708	2.293452
2.011282	1.130263	0.912875	1.397915	0.976353	0.908261	2.04055	2.03772	1.979672
6.611147	6.656146	6.397135	5.492467	6.350855	6.311429	6.4679	6.320598	7.90293
3.593371	2.537141	3.894033	3.984086	3.602567	3.329655	4.54267	4.535818	4.257314

5.472122	5.313454	3.531014	4.17282	3.505752	5.294576	3.538442	2.94643	3.359883
3.103869	2.73201	3.014642	3.828442	4.455679	2.991979	3.352446	3.876446	3.601772
1.806616	2.212884	3.519841	2.986086	4.736499	2.776182	3.13422	3.039452	3.291367
2.467946	3.362998	2.653273	3.530362	2.451852	3.54047	1.960994	3.26157	2.795158
3.201323	5.467437	4.920997	4.17203	4.558886	4.995048	4.089291	4.287518	2.646923
4.948313	5.184494	2.151734	4.614834	2.257104	5.98188	3.187788	2.519262	1.531741
2.413577	2.097781	1.892551	2.489212	2.818834	2.18293	2.311435	2.29683	1.72759

TCGA-HT	TCGA-HT	TCGA-HT	TCGA-P5-	TCGA-S9-	TCGA-HT	TCGA-TQ	TCGA-QH	TCGA-WY
0.167428	0.892602	1.128819	0.948238	0.641347	1.021935	1.1162	0.707636	0.948177
1.066218	1.066624	1.003145	0.887544	0.823481	2.381607	1.354042	1.75073	1.438821
7.194992	5.697296	4.890984	6.209582	5.231294	5.607996	5.018857	4.621743	5.94674
8.233152	3.511587	4.584692	3.615864	1.782542	6.80812	1.658427	3.887049	2.766279
1.06287	1.456747	1.378168	1.21451	1.195125	0.800001	1.040665	1.408214	1.877571
5.758237	6.380776	6.581337	6.030726	6.935069	5.611414	6.898391	7.307756	7.543714
5.402947	5.51881	5.656847	5.318545	5.852582	6.443631	5.541321	6.026076	4.805633
3.683436	2.192058	1.166751	2.600567	0.663449	0.45062	1.045157	0.530651	1.045901
0.347506	0.074882	0.419491	0.120582	0.322534	0.235916	0.290008	0.172384	0.149926
5.512125	5.362923	5.031716	5.438689	6.482224	4.594302	5.603128	5.603929	5.692091
4.143191	3.568939	4.326946	4.597794	5.100281	2.829799	5.512202	3.964592	3.622736
3.6174	3.872004	3.255403	3.429238	3.662529	3.369027	2.774255	3.319351	3.627447
1.715744	2.105249	2.222195	1.699319	1.385642	2.779416	2.264555	3.411759	1.533581
3.674967	3.487405	3.315565	3.331508	2.666048	2.177669	3.097789	3.033761	2.269597
2.872524	5.029107	5.144221	5.104716	5.505939	5.3183	5.613245	6.68947	5.122341
2.077166	3.692732	3.204887	3.440043	3.526413	2.834454	3.260683	3.28011	2.646316
0.46452	0.911729	0.913403	0.885427	0.55455	1.831168	0.80434	0.909411	0.999053
7.656063	8.340132	7.842199	7.275588	7.547092	9.146083	7.810085	8.690063	8.638626
2.681579	5.485804	5.644125	5.65644	6.004975	5.022714	5.31949	5.124914	7.109881
2.892131	3.490835	3.611236	3.390916	3.984302	3.741424	4.101463	4.757555	2.809229
2.370463	2.814929	3.202143	3.029208	3.375212	3.360425	3.547079	3.568871	2.845526
2.786378	3.174306	3.360272	2.773312	3.230189	4.292961	4.366515	4.283231	3.429899
2.963309	3.446747	3.043002	3.225176	3.203258	3.072892	2.643816	3.141188	2.938066
0.275864	0.451547	0.463819	0.436254	0.519512	0.26355	0.303282	0.286828	0.394971
4.105931	4.037623	2.884419	3.541078	3.559683	3.209048	2.93819	3.329664	3.656853
1.352903	2.912925	2.558393	2.500974	1.871844	4.941726	2.3812	5.13641	2.894014
0.462471	0.718665	0.859877	0.969257	0.973968	1.193845	1.218156	0.906469	0.848052
3.859518	4.253079	4.882021	4.774688	4.927835	4.195177	5.433831	4.856005	4.831226
5.483425	4.71683	3.518888	4.004511	2.999078	1.827029	2.752103	2.675066	3.598895
3.838182	4.365682	4.779277	4.351893	5.09316	4.484361	4.341464	4.538162	4.580768
1.009898	1.107096	1.169942	0.40721	1.05937	3.538647	2.352541	2.346971	2.093706
5.947391	5.304628	4.502245	5.187524	2.994731	3.242262	5.348298	3.790589	4.469617
4.315119	4.910558	4.777031	4.99845	4.719866	5.259178	4.661549	5.512833	6.333857
2.15783	2.501171	2.614595	2.925096	2.623468	2.303024	2.762612	3.768014	2.003023
4.251285	3.334802	3.724635	3.66046	1.889976	2.377625	2.348548	2.517547	2.566339
0.725001	2.292645	2.57313	1.576031	2.380108	3.486604	2.300329	2.847353	2.53103
7.042734	5.754205	5.37254	6.035441	5.658116	4.146468	5.423212	4.574164	5.149395
4.245398	3.381139	3.301217	3.870002	3.576614	3.931143	4.016142	3.263407	3.66518
4.909735	4.563691	4.131753	3.371317	4.263901	5.435866	4.688586	5.567896	4.505315
0.102192	0.096046	0.098224	0.067776	0.077141	0.251517	0.056769	0.069961	0.098511
0.727031	0.595088	0.516324	0.592416	0.793161	0.974007	0.484172	0.488105	0.932301
3.984018	3.192112	2.743846	3.605989	2.956714	1.851783	2.531094	2.119694	3.257138
1.404155	1.073988	1.376196	1.223797	1.223387	4.815235	2.576507	2.14747	1.823366
0.509867	1.371398	2.289599	1.777241	1.270405	1.719865	0.615973	1.290039	0.989016
3.330926	1.971713	1.299087	1.721188	0.37974	1.270978	0.910885	0.507831	1.057839
9.797572	8.938146	8.609759	8.684452	8.696711	11.788	9.638545	9.74189	9.330264
7.778411	7.196846	6.243088	6.797407	6.774233	4.4245	5.737598	5.689318	6.149867
5.581019	5.235284	4.30194	4.995682	4.244323	3.201223	3.906471	3.411724	4.260879
0.347529	0.593963	0.890057	0.995686	1.315469	0.380046	1.404351	1.054427	1.691328

1.455693	1.046001	0.937698	0.823574	0.230145	1.232105	0.565708	0.508821	0.362938
0.360407	0.513616	0.928537	1.072949	2.22855	0.357317	0.929029	0.870306	0.888857
1.785968	1.926447	2.043003	2.262676	2.714776	1.752221	2.277561	2.360107	3.373452
4.780144	4.917445	4.30683	4.822518	4.755864	3.412265	4.404811	4.796892	4.353299
2.430236	4.090318	3.646862	3.455002	4.239096	4.060283	4.266804	4.972828	3.290504
0.058137	0.022438	0.068711	0.022438	0.13725	0.1988	0.022438	0.278515	0.079549
0.526722	0.350225	0.429657	0.574414	0.454741	0.672673	0.518462	0.83859	0.54173
7.290053	6.234172	6.436614	5.845761	4.72246	8.184654	8.654031	4.833928	8.972293
7.507406	8.645486	8.246598	8.395076	9.006975	8.363377	8.601724	9.292851	8.963939
5.620057	4.782175	4.308341	4.881204	3.241487	2.798629	4.705171	5.627647	5.111427
0.440166	1.034219	1.382634	0.780336	1.00226	3.423098	1.049089	1.973938	1.209845
6.689527	4.720986	4.613563	5.711048	5.52584	4.040387	5.169413	4.280072	5.031367
1.297237	1.038717	1.210335	1.263196	0.731919	2.72186	1.112084	0.687375	1.477852
4.040401	3.723532	3.58966	3.648377	3.543331	2.670645	3.177616	3.558687	1.93052
1.85953	1.010132	0.858794	0.86901	0.807893	0.907447	0.7841	0.719032	0.780964
10.11484	8.179168	7.032168	8.120932	6.698039	9.031226	8.863326	6.992473	7.938691
2.00458	2.641273	3.005774	3.066563	3.108409	3.839418	2.803235	3.870566	3.04348
2.693301	3.457728	3.613425	3.814222	4.472264	3.167397	4.097661	3.886874	4.106175
0.805631	0.36982	0.798066	2.448706	0.769658	0.571922	2.144462	1.11807	1.371218
4.841251	5.60776	4.763423	4.699573	5.864358	5.126831	5.030247	6.150253	5.268545
5.390846	4.716558	3.90158	4.429613	3.429922	3.330764	3.630425	3.591784	3.943729
1.179138	1.365251	1.264929	1.008218	1.167723	3.554249	1.65256	2.16059	2.097299
2.59726	3.325719	2.7559	2.909365	2.609548	3.536033	2.611428	3.131693	2.27133
7.491336	6.352729	5.132438	5.778478	3.992148	3.141539	4.338646	4.032286	4.527283
7.654056	5.571104	4.822873	6.242473	4.699439	3.929648	4.697399	2.745466	5.006527
3.952143	4.792074	3.800162	2.781021	4.960437	2.974922	3.819451	3.224711	1.559002
3.115509	2.566963	2.416873	1.97894	1.682928	3.661936	2.649652	3.249009	2.470395
0.949767	2.24057	2.596462	1.69662	1.987885	4.365315	2.91893	3.394567	2.380664
1.791765	3.143555	2.317263	2.801722	3.614052	3.142104	2.63535	3.270321	2.579735
4.48032	4.108301	3.890976	4.102227	3.7943	3.010736	3.515529	3.213178	3.704037
2.366911	2.798475	2.1823	3.075652	2.546531	1.495038	1.679557	1.106	1.745925
3.285986	2.737488	3.905388	3.950136	3.957091	1.680435	4.732024	3.727252	3.980328
8.475973	6.735445	6.065925	7.569643	6.913929	6.27	7.65777	6.649362	7.615918
1.729197	1.581221	1.056984	1.330773	0.745995	1.160757	1.673291	1.099053	1.693892
3.75749	4.961881	5.003935	5.389892	6.825899	4.577397	5.831399	5.038882	5.528899
1.351587	0.634914	0.651227	0.530262	0.533743	0.264942	0.659441	0.776464	0.306103
1.721671	3.449391	4.100836	3.208641	3.802046	4.162889	3.580794	3.886248	3.114377
1.029454	1.649638	1.829648	3.316663	4.255194	2.696713	4.845357	1.158907	3.615306
1.612115	1.844494	2.230786	1.763486	2.088714	2.645313	2.262903	2.245978	1.613959
2.052939	2.339202	2.516364	3.106007	3.98311	3.007426	2.86377	2.250725	2.802754
2.585186	4.945693	4.404064	4.65449	4.931626	3.241009	2.568519	4.057388	3.294501
0.395607	0.15283	0.119016	0.18851	0.119435	0.516852	0.213747	0.131368	0.599989
2.027407	1.619191	1.410406	1.723199	1.987953	4.239266	2.922972	1.922498	2.52301
0.434059	0.169591	0.000579	0.04898	0.613892	2.618917	0.491903	1.684229	0.519999
1.42452	2.272553	2.555794	2.310739	1.600943	5.00342	3.363632	4.088298	3.169532
1.69893	0.906118	2.305423	2.116065	1.695514	1.952664	2.781204	2.314147	2.847821
4.846467	3.776658	3.926326	4.516104	3.760204	3.04936	3.959278	3.327861	3.638548
3.074603	2.565406	2.040338	2.417584	1.989506	3.164407	2.650523	2.822104	2.775324
3.151635	4.827793	5.471511	5.230641	6.723855	7.009948	5.25792	6.029648	5.576454
1.625028	1.732656	1.890908	1.507638	1.155097	4.503555	2.392169	1.171721	2.038355
4.633881	7.300623	7.253257	6.277054	6.918826	6.891115	7.160499	6.767622	6.76509

1.385951	1.68853	2.091005	1.17032	1.698131	2.033702	1.373147	3.702999	1.71178
1.498266	1.514061	1.802864	2.041043	1.831945	2.043694	3.073616	2.529939	2.768857
1.270372	2.606125	3.18018	2.771597	3.057952	4.305713	2.833073	3.059116	3.814234
0.043071	0.056387	0.06908	0.086974	0.035798	0.830663	0.162413	0.142409	0.088875
9.437818	8.81287	7.599268	8.221933	4.756072	8.103623	8.062205	7.770352	8.175993
4.271369	4.320787	4.206401	4.757019	4.356548	5.189984	4.240328	4.84542	5.887539
1.981789	2.434861	2.329985	2.601559	2.519817	2.602136	2.465953	3.008569	2.96677
0.790079	0.547528	0.403986	0.592246	0.334217	0.951864	0.234681	0.355274	0.521603
3.307375	5.009594	4.684799	4.488993	5.032307	4.303697	4.336687	5.187141	4.286225
0.981821	1.62411	1.429646	0.801688	2.58545	2.122753	1.481747	0.517848	1.259173
3.533822	2.822062	3.03253	3.042587	2.949749	1.473841	2.711503	1.564523	2.237554
2.008178	2.899349	3.165808	2.959506	3.448168	3.969243	3.130713	3.392507	2.346632
1.076377	0.289446	0.267165	0.530142	0.245662	0.011724	0.371789	0.115813	0.3498
-0.02078	-0.05101	-0.01459	-0.00821	-0.04324	0.215392	0.083026	0.107914	0.093618
2.051388	3.734675	3.72941	3.756821	3.367343	4.226133	3.024822	4.910182	3.277288
1.720209	3.656168	4.128365	3.336847	3.581517	5.98274	3.469887	3.221835	4.29651
1.60297	3.371945	2.853992	1.321195	2.204756	4.042134	3.474768	3.623692	2.979524
1.605185	2.819656	2.996462	2.505123	3.930155	3.192026	2.822146	3.445461	3.04102
3.016165	3.852016	3.730701	3.295988	4.398209	4.684027	2.887787	2.333768	4.96743
6.275828	6.72634	5.850809	6.80692	7.017692	7.043721	7.012822	7.268067	6.94427
0.08492	0.191774	-0.01878	0.025038	0.05089	0.108876	-0.00964	0.039863	0.010633
0.497421	0.824125	0.596684	0.559236	0.942331	0.592047	0.720434	0.476954	0.676779
0.936107	2.928721	4.048789	2.952691	3.361778	3.477253	3.423123	3.1362	3.027789
8.898617	7.330672	6.210668	7.329305	6.317509	6.1213	7.051505	6.467323	7.720206
0.177156	0.048277	0.149854	0.169098	0.450903	0.068127	0.142372	0.062308	0.168369
1.213747	0.987311	0.895469	0.290772	0.149307	0.147424	0.122577	2.216089	0.710288
2.718027	4.422228	4.313859	3.274139	4.561066	4.545012	3.982941	4.380451	2.666159
7.348102	5.40395	5.515574	6.426438	5.542511	5.175447	5.782956	4.9419	5.558117
6.334015	5.802993	5.609294	5.928184	6.001985	4.205666	5.149643	4.889062	4.999194
4.530696	4.856852	4.370757	4.527346	3.884498	4.666914	4.278273	4.486474	3.751022
2.625294	4.107058	4.494937	4.083986	4.496298	4.423646	3.944856	4.472021	4.126746
0.709524	0.505397	0.848184	1.234799	1.026342	0.924219	1.854306	1.228755	0.719527
3.633003	3.316728	1.718939	1.972681	3.940634	4.032068	2.74062	6.137213	4.797159
0.538222	0.126525	0.072438	0.213768	0.000681	0.000681	0.038735	0.033324	0.052667
5.214836	4.538265	3.583614	4.468365	4.878596	4.957555	5.679849	7.112152	5.346393
3.565803	4.20266	4.079416	3.9701	4.612167	4.35661	4.050258	4.486453	3.879264
2.689513	4.054875	4.415108	3.795222	4.144776	5.965785	4.280158	4.415343	3.805093
2.069276	1.635848	3.129675	3.59498	2.958118	2.555102	3.529223	3.946374	3.595362
4.408648	4.177709	4.097209	4.297872	4.360452	4.399645	4.269862	6.114633	4.33013
1.232499	2.094444	2.084063	2.66452	1.601363	1.163041	2.586359	3.392475	1.199408
1.121084	0.603411	0.55488	1.128848	0.068584	0.078916	0.249012	0.075581	0.276848
1.044603	4.375889	4.768229	4.162656	4.767283	3.911577	4.453644	1.674025	4.454451
0.180863	0.223264	0.233517	0.144755	0.455438	0.189099	0.06333	0.302429	0.356297
0.862663	0.457503	0.310743	0.391037	0.396477	0.702024	0.141263	0.185523	0.332161
6.535159	5.519737	4.664223	6.260929	5.918008	6.211439	5.864883	5.542863	6.961995
2.577101	3.774377	3.193267	2.629362	3.505192	4.774553	4.90828	5.249383	3.703573
3.134237	2.888635	2.526393	2.806537	1.95518	2.622302	1.821109	2.072374	1.451692
1.328297	1.122631	1.450681	0.87535	1.387443	0.812373	1.149786	1.72514	1.961125
5.151842	5.602959	5.40982	5.41552	5.096734	6.823754	6.077526	7.481917	6.230414
0.220366	0.027839	0.057679	0.053704	0.026193	0.117863	0.046885	0.03707	0.079244
0.852843	0.972712	0.903315	0.989916	0.831474	2.708427	1.110072	1.291987	0.990729

1.549305	2.671804	2.98628	2.661167	2.654184	4.015576	2.390484	2.955496	2.338704
6.304797	5.126974	4.861568	4.604066	4.571093	8.396107	5.581878	5.484427	5.074664
0.543129	0.320456	0.370301	0.285853	0.145302	0.677289	0.289469	0.222195	0.107766
0.240959	0.205733	0.286595	0.197616	0.343608	0.103383	0.112829	0.284177	0.455034
1.839195	4.446414	4.51093	4.641509	5.369654	4.154044	4.714568	4.54762	4.461949
7.970822	6.835525	5.87872	6.2175	4.720336	5.233017	5.459024	5.576838	6.53872
0.071228	0.054765	0.054057	0.058306	0.069575	0.11042	0.088902	0.100569	0.05061
7.420522	8.164493	9.24435	8.270587	10.16931	7.798862	10.9962	9.137655	8.611138
2.482723	3.849715	4.585559	4.565137	5.197418	4.77463	4.349909	4.662142	4.560143
0.905906	1.549993	0.447779	0.400192	0.296195	1.558581	0.369473	3.786469	1.795239
6.341062	4.687175	5.117226	5.39676	5.265061	6.374922	5.261635	4.046004	5.284
3.393357	3.710016	4.309397	4.512199	4.377366	3.388873	3.735022	3.03817	3.983018
3.243051	3.476319	3.16322	2.992432	2.597699	3.990483	3.668227	3.706496	3.556534
0.600681	0.682335	1.353629	0.707883	0.960816	2.268131	1.170964	0.860159	1.240775
0.213657	0.094576	0.063569	0.060888	0.060875	0.047626	0.063954	0.090456	0.06328
1.806746	1.324164	1.038609	0.656559	0.749432	0.386959	0.788176	1.03392	0.622913
3.717317	3.982805	3.267325	3.631806	3.62262	5.703158	5.130801	6.212412	5.457559
2.611046	2.648715	3.522957	3.608341	2.877998	2.157276	4.419443	3.930453	1.824025
0.357763	0.64853	1.58755	1.468857	1.719673	2.510931	3.270496	1.886979	3.048471
5.289193	4.713239	4.273171	4.071369	4.954725	4.64693	5.315529	5.487189	4.598999
0.615882	2.024902	0.227749	0.352779	0.657487	0.504088	0.18436	3.382432	1.081692
4.846476	5.650683	5.731772	5.981918	4.765754	3.982146	5.174995	4.866317	4.598036
1.492471	0.231703	1.23542	2.050352	1.951849	1.161806	2.271374	2.84429	1.627426
3.642874	2.633999	2.883014	3.493347	2.816802	2.923177	3.374874	2.792488	2.919326
0.602846	0.985502	1.146801	1.20801	1.616457	1.20597	1.295391	1.586558	1.836659
0.02212	0.276382	0.500341	0.718472	0.291826	0.972613	0.698903	0.383771	0.995702
4.007274	5.222671	4.900476	5.46041	5.435448	4.034438	4.368207	4.755357	4.723756
3.787851	5.65387	5.224919	4.160276	5.116876	7.048455	5.027461	6.353531	3.982165
0.500487	0.410314	0.470632	0.327387	0.450796	1.184254	0.768711	0.513672	0.417902
4.123404	3.666971	2.334318	2.380931	4.656634	3.155299	3.458058	6.606441	4.526387
5.298481	7.274126	7.094438	6.988123	6.157057	7.203721	7.212318	8.039949	6.971691
0.879249	0.422681	0.554957	0.533481	2.019141	0.082805	0.135618	0.31039	0.413043
3.030061	3.106575	3.065513	2.651397	2.63222	4.221791	2.426261	2.465569	2.202035
0.625573	1.609851	0.919208	1.060918	1.997251	4.118563	1.314869	1.258111	0.986744
2.258992	2.309288	1.848844	2.181728	1.265108	2.601908	2.46601	2.697115	1.694052
3.402135	4.109417	3.912514	3.307844	3.757396	5.124134	3.762703	4.47729	3.646611
1.779364	1.454518	2.037019	0.413869	1.282599	2.459117	1.409868	2.789395	2.836522
2.607333	3.167867	2.882169	2.953584	2.288235	3.849757	2.489809	3.970203	1.751457
2.044366	3.093802	2.903744	2.714979	2.842656	3.592742	3.642252	4.201413	3.967911
9.350681	8.188977	7.114822	8.35183	8.343189	9.604358	8.833512	9.035131	7.687275
4.053262	4.192946	3.985823	3.89752	4.168696	5.965394	4.731427	5.35578	4.958718
1.265337	2.627963	2.343043	0.982224	1.831413	5.275537	3.052667	2.530458	1.886115
7.024147	8.761661	8.225092	7.122353	8.548926	8.068844	7.940334	8.04526	7.137019
3.330584	3.756481	5.865885	4.085415	2.69433	3.359856	4.793309	3.648627	2.601627
3.256775	3.770798	3.527994	3.494773	4.138046	3.139675	3.667401	3.46851	3.860368
3.12293	1.426981	1.448044	2.676346	1.438577	0.55357	1.403223	0.326654	2.306793
3.115692	3.41546	3.21794	3.358124	2.448187	3.429512	2.573541	2.942655	3.44138
4.35331	3.892067	3.087911	3.853594	3.428172	3.147622	4.342036	4.181678	2.7243
2.727332	3.164541	3.180875	3.013792	3.524667	3.383849	3.092137	3.421898	2.509757
2.504664	2.578515	2.480315	2.225268	1.765976	0.85077	1.551638	1.452173	0.919327
0.688537	2.834959	3.20017	2.133029	3.133624	4.758999	2.536344	3.003119	3.345813

1.249271	1.606257	1.954613	1.947398	2.709092	1.81055	1.536495	1.738277	1.89455
3.488944	3.265575	3.32066	2.953923	3.021813	3.876491	3.462213	3.139407	3.537128
4.297764	3.517448	3.152152	3.88869	2.783215	3.363262	4.301505	2.913599	3.530806
3.1652	3.770784	3.720799	4.292663	4.256317	3.838612	3.959253	3.911399	4.24582
0.647406	0.981432	0.937206	0.963686	1.302376	0.692977	0.816151	1.308657	1.242992
4.458363	4.181797	4.379112	5.059637	4.619895	5.298503	4.370746	3.646093	5.241869
1.877493	1.793882	1.845168	1.519138	2.265724	4.558871	1.807881	2.885835	1.94094
2.290973	4.248815	4.531986	3.242381	4.195854	5.574488	4.227729	4.646816	3.803365
4.723054	4.878111	4.845833	4.607645	4.959049	4.715779	4.72146	4.545275	4.682065
5.227417	5.631522	5.086724	5.454488	4.415542	5.071102	4.855402	5.261682	4.718431
4.612455	4.321063	4.092112	4.272326	3.918921	3.713331	4.844422	4.609355	4.24709
4.714164	4.842405	4.740668	5.10524	6.020026	4.257522	5.706053	5.049289	4.834284
5.980724	7.475476	6.853547	4.962692	7.49662	5.077669	6.857764	5.66702	4.162692
1.85824	4.731822	4.553255	5.014724	5.251189	4.159381	4.691554	4.913311	3.697588
2.910065	2.827017	2.588916	2.484814	2.558256	3.439389	3.65263	5.035681	3.612158
4.917418	5.638919	5.521738	4.216131	6.740674	4.866298	6.689913	7.335286	4.77119
1.37517	2.710094	2.878129	2.195186	2.765955	3.223705	1.827417	2.597621	2.052942
1.664326	2.190798	2.665018	2.436402	2.505363	3.590335	2.07712	2.614799	2.624403
1.866555	1.725551	2.006085	1.6774	1.537823	3.407386	2.267977	2.782714	2.130889
2.448652	1.837112	1.911701	2.275064	1.718406	2.679696	2.733798	1.842669	1.846649
1.35142	0.576807	2.410769	1.657447	0.076567	0.300869	0.294535	0.068661	0.407338
5.114055	5.195106	5.44838	5.157539	5.513203	4.543143	5.482649	5.645424	5.346278
3.494313	4.224217	3.857525	3.613659	4.230519	4.620461	5.515071	5.846692	3.646032
4.049378	5.858889	5.872642	5.037332	5.808779	6.272148	5.360174	5.940532	5.259682
1.174674	0.2786	0.061768	0.236253	0.956469	0.433864	0.051714	0.197485	0.04754
1.739926	1.344097	1.70004	1.131746	1.384758	3.11872	1.423562	2.854341	2.544212
4.026117	3.118114	3.419043	3.744297	3.687138	2.241619	3.952152	3.240388	3.668631
0.955683	3.332914	3.461578	1.045656	3.536984	6.289804	3.997996	4.453653	4.415076
1.751953	1.720268	2.050662	2.537636	1.19879	1.954237	2.730966	2.385069	2.755165
1.863533	3.435196	3.652825	3.210503	4.221447	3.340935	3.453341	4.157145	3.624365
4.080542	5.973841	6.145288	6.000232	6.909916	6.988106	6.9947	7.769423	7.768383
1.933448	3.482597	3.177564	2.614792	3.430871	2.65593	2.356267	3.003942	1.843065
0.251724	0.391695	0.782322	0.745203	0.877329	0.506325	0.732304	0.574372	0.699095
6.23714	4.749467	4.150287	5.158195	3.933951	4.164231	4.102713	3.693416	4.668121
1.771959	3.622505	3.689465	3.07661	3.550099	4.930013	3.354218	3.917729	3.631713
7.247497	6.504758	4.573317	4.8724	0.964947	1.201296	2.923192	1.887461	3.258936
0.960791	1.361606	1.512452	1.745835	1.489767	2.463595	1.743706	1.509028	1.650691
0.344851	0.218196	0.050984	0.131264	0.042787	0.097022	0.233334	0.195387	0.190254
4.354601	4.438929	4.441405	4.443031	5.150152	5.022122	6.028722	6.021063	5.913571
3.938864	3.663353	2.654965	3.087164	3.284862	6.993605	3.493194	1.892879	3.748971
5.043554	5.874468	6.019364	5.208981	5.874389	5.870263	5.512645	5.866579	5.703668
4.584783	6.045833	7.287431	5.644139	5.853751	4.68635	5.707441	5.464342	5.013457
4.583556	2.983892	3.026231	3.204887	3.22291	3.515467	4.671126	3.54311	3.385522
1.006817	2.841558	3.609665	1.984613	2.83171	3.916877	3.058564	3.434564	2.24046
3.725386	3.354391	3.364806	3.528916	3.905305	3.085873	3.906419	3.471941	3.692812
0.200246	0.35624	0.213071	0.098362	0.265631	1.23164	1.489322	0.934087	0.477251
5.567619	3.354472	2.033583	3.428211	0.750568	0.11261	1.656106	0.201822	2.400286
0.218544	1.039486	0.885352	1.086899	1.84085	0.441705	1.457308	2.032588	1.785057
1.673966	0.850404	1.01454	0.827828	0.660123	2.069153	1.177033	0.98704	1.673085
5.468468	6.039586	6.511959	6.052213	6.135554	6.024954	6.35288	6.71069	5.671687
3.584686	3.250255	3.050045	3.59014	3.497901	3.063484	3.495161	2.930468	3.393812

5.099703	5.116841	4.651784	4.326769	4.402951	4.040589	4.494389	4.56466	3.955543
3.36596	3.003726	3.729658	3.54193	4.108805	3.425447	3.75512	3.515738	3.74052
2.275733	2.988993	2.790798	2.988793	3.633308	3.414844	4.281466	4.406917	2.55039
3.386605	3.798683	2.958844	3.341328	2.449545	3.197766	2.362265	3.0175	2.275357
4.144203	5.778231	5.943363	4.763786	4.546519	4.081642	5.239093	5.193853	5.023959
3.913616	5.668734	5.52269	3.823232	4.953561	1.903796	3.812333	3.990371	4.579888
2.082411	2.237609	2.88173	2.892612	3.254511	2.809948	2.604695	2.028547	2.311295

TCGA-HT	TCGA-EI	TCGA-HT	TCGA-DU	TCGA-HT	TCGA-FG	TCGA-HT	TCGA-HT	TCGA-FG
0.542664	2.304567	0.79335	0.165165	0.075718	1.040116	0.422746	0.785926	0.445424
1.34986	0.845679	1.81687	1.362048	1.454041	1.351167	0.899738	1.034194	1.8645
5.223082	4.378105	4.672429	5.967529	5.236707	5.477991	5.359481	6.080636	5.911698
2.575961	5.532791	2.603997	5.669098	3.62948	4.171653	4.66545	3.87418	3.725812
1.517912	1.250252	1.420805	1.49352	0.639474	1.025188	0.884487	0.801371	1.245128
6.576386	7.15236	7.402172	5.95997	6.063565	7.665493	6.379651	7.29067	6.11759
6.428902	5.644015	5.899754	5.625878	5.985643	5.710809	6.017506	5.997179	5.886496
0.696398	0.605636	0.453521	2.379065	0.505782	1.098743	1.963065	1.595448	1.542049
0.008331	0.03574	0.082224	0.116213	0.77974	0.2031	0.134096	0.060465	-0.03617
6.436718	3.901941	5.693273	5.209626	3.1739	6.055855	4.986065	5.245787	5.323991
5.598243	4.121173	4.528228	3.131824	4.060777	4.877926	3.928927	3.673904	4.643954
3.669698	2.6572	3.290755	4.232482	2.424058	3.33534	3.334606	3.371939	2.99713
2.029156	1.690715	2.433798	1.827412	1.84316	3.283014	1.563531	3.015315	1.687536
1.99648	3.352409	2.678555	3.551113	3.252778	3.391744	4.377192	3.485367	3.138927
6.272737	5.82144	4.431311	4.280253	6.489357	5.419109	4.874556	4.99315	5.04824
2.792674	5.844876	3.332344	3.071418	4.660416	3.822938	2.57477	3.849853	2.849518
0.918856	1.86798	1.246756	0.955598	2.088044	1.340047	0.767736	0.750333	0.879472
8.097974	9.261773	8.688341	8.367061	8.306708	8.401485	7.89625	8.172089	8.821646
5.121433	4.2386	5.292995	3.85189	4.016896	5.222701	5.174899	4.472048	4.492088
3.906171	4.425441	4.27047	3.749579	4.314841	3.293015	3.562221	3.487783	3.490534
3.691667	2.633689	3.321335	2.935589	3.243088	3.042506	2.518348	3.552184	3.185514
3.870011	2.14279	3.927424	3.483488	2.877478	2.509518	2.768492	3.885108	3.351801
2.643094	3.155595	2.715428	3.103943	3.333277	2.98985	2.628871	3.147929	2.786157
0.240603	1.483484	0.457274	0.294591	1.484294	0.761497	0.400838	0.362507	0.360794
2.435927	4.594994	3.440545	4.349257	3.674607	3.324788	3.293983	3.96954	2.933343
3.350926	5.259705	4.415213	2.4297	3.315846	2.493193	1.62604	2.95986	2.833253
1.225625	0.478494	1.471059	0.755849	0.400811	0.648268	0.640762	0.574239	0.825537
5.157569	5.992938	5.12583	5.013652	7.106782	4.215088	4.58253	4.018025	4.312638
2.325416	3.616105	2.325523	5.003856	1.778889	2.961305	4.149894	4.163454	3.748533
4.858092	4.544065	4.66255	4.151848	3.83934	4.49714	4.282682	4.273628	4.275622
2.465415	1.994048	3.376468	1.621249	2.239658	2.555753	1.012951	1.378372	2.925647
5.031905	4.012475	4.561832	5.547426	2.983706	4.319897	5.008186	5.550449	4.899492
5.787627	4.702348	5.409103	4.025076	4.234232	4.751924	4.333549	5.021648	6.056304
3.240075	2.66831	3.633766	2.2254	2.794592	2.943722	2.069628	2.645438	2.533368
1.950936	3.025058	1.966435	5.470623	2.252141	3.914861	3.051254	3.501641	2.910052
2.864011	2.763247	2.571328	1.939155	2.620584	2.391987	1.861969	1.851814	2.509396
5.192143	4.75433	5.073989	5.331979	4.582471	5.922274	5.377279	5.798554	5.572986
3.705786	4.895923	4.410919	4.073718	4.213685	4.330518	3.852665	3.483801	3.959582
4.573915	5.048219	5.171107	4.402117	4.575915	4.229749	4.880275	3.973947	4.332486
0.063754	0.29554	0.11367	0.104465	0.904795	0.096283	0.087792	0.099089	0.117444
0.161632	0.369435	0.286821	0.413718	0.388317	0.971051	0.286045	0.494905	0.477894
1.59888	1.399113	2.205823	3.411155	1.774901	2.773453	3.236513	3.230778	2.188049
2.550156	3.294272	3.230237	1.795719	3.596224	3.486929	1.931358	1.340171	3.104981
0.464742	1.457268	0.835612	0.47267	1.310723	1.30073	1.255084	1.368105	0.30835
0.337991	0.803131	1.486855	2.385561	1.035166	1.585487	1.66926	2.255362	1.413494
9.728296	9.050624	11.94587	9.908104	10.52792	10.88794	10.02577	9.623921	10.94236
6.320421	2.781216	5.459707	7.175214	3.150398	6.275229	6.565138	7.127601	6.357437
4.5594	3.224455	3.886631	5.30317	2.717361	4.455396	4.528563	4.827864	4.239615
0.60234	2.929477	1.055346	0.530399	1.298093	1.140804	0.686166	0.445317	0.40212

1.258534	0.559761	0.463478	1.531391	1.081855	0.663085	1.30835	0.783836	1.341222
0.543597	0.372949	0.568973	0.304319	0.381034	3.105746	0.471074	0.436658	0.523366
2.552064	1.992774	1.670525	1.25473	1.473285	2.4407	1.503768	1.554861	2.068547
3.857405	5.786279	4.421496	5.304502	4.500394	4.751033	4.408512	4.541969	4.403305
3.877187	4.323762	4.562824	3.918625	3.941338	4.502107	4.861026	4.597417	3.841108
0.077568	0.137133	0.308445	0.19621	0.261657	0.532323	0.077731	0.064352	0.053922
0.466256	2.200352	0.981748	2.268965	4.83549	0.901037	0.570932	0.481626	0.370819
5.907115	8.109631	8.073739	7.331783	7.482116	6.108148	6.915519	7.329542	7.559383
7.893716	10.34925	8.518687	8.155036	7.384099	8.600577	7.853007	9.120114	9.331873
3.29796	5.08105	5.674951	4.725772	3.374842	4.810644	3.928713	4.805229	3.339003
1.251728	2.141548	2.909165	2.091723	1.995714	2.26912	1.504734	1.452656	1.580643
4.315076	6.598282	4.860885	5.36994	4.648531	5.882756	5.090031	5.768408	5.228167
1.246557	1.759864	1.03688	1.501434	2.114466	3.52816	1.401909	1.41258	1.723243
3.536455	2.312317	3.313857	4.53256	2.704697	3.213474	3.772894	3.705045	3.073687
1.429166	0.37646	1.110759	1.368658	0.560106	0.789896	0.863762	1.493668	0.834732
8.551718	13.13734	7.714625	9.331831	10.96523	8.414187	8.588853	8.980078	7.752662
3.524468	4.683559	3.424785	3.02848	4.447484	2.590903	2.932028	2.49622	2.419951
4.124842	4.933474	4.195071	3.488649	3.849375	3.966584	3.274015	3.000487	3.705223
1.00774	1.014201	1.220201	0.466439	0.656973	0.355441	1.019829	0.449395	0.643639
5.334112	3.84731	5.140531	5.204324	4.923302	5.149253	5.345957	5.773231	5.187153
3.331806	3.303792	3.650323	5.028661	2.632012	3.633392	4.274741	4.435506	4.024066
2.043149	3.036178	3.196001	2.529059	3.143891	2.946101	1.519859	1.65898	2.666999
2.751138	2.543231	2.800873	3.449141	3.57813	2.717872	2.533048	2.690954	2.495978
3.303311	3.7832	3.710419	6.795859	3.149554	4.907737	6.118366	6.327555	5.453305
1.160299	5.664465	3.493845	6.861687	6.206159	6.394438	5.945432	6.0876	5.244016
1.119582	0.814248	5.420442	6.38094	4.051531	1.922652	7.180575	5.373129	4.104242
2.885534	3.102903	2.816141	2.757407	3.402689	2.597816	2.477474	2.800446	3.216337
3.578112	2.739621	3.541631	2.378446	4.241831	2.483001	2.151711	2.191425	2.684248
3.272502	2.516166	3.100457	2.856038	2.852263	2.382675	2.319634	2.355563	2.382439
3.248281	2.962115	2.820314	4.12235	2.979311	3.592019	3.345046	3.629598	3.342758
1.842743	1.313399	1.496414	2.906101	2.700414	2.051529	2.271324	2.431846	1.860223
3.545414	5.065354	4.949298	2.520509	3.893429	3.909658	3.347226	3.386512	3.170162
6.717389	6.515824	7.157024	6.759706	7.338975	8.015965	6.912718	7.285726	7.487852
1.497858	1.592172	0.909552	1.736222	1.065365	0.774992	0.949296	1.188289	1.221301
5.350483	4.818561	5.459795	3.918607	5.864401	5.745932	4.874682	5.089308	5.07287
0.420482	0.33319	0.437262	1.603939	0.176375	0.343936	1.071838	0.913516	0.381645
3.921067	3.422123	3.541121	2.890551	3.679322	3.182583	3.092901	3.030948	2.414592
3.590737	6.809905	3.008997	1.744673	1.231707	3.748833	1.373162	1.775863	2.021553
2.574018	2.754916	2.304236	1.858705	2.7569	1.706793	1.79403	1.760051	1.844649
3.076799	3.134925	2.780175	2.041499	2.803457	4.033415	2.697666	2.336426	2.527048
4.948786	4.190864	4.326727	4.711566	6.772273	6.189122	4.884516	4.816381	3.721767
0.219784	0.620259	0.707107	1.60882	0.314749	1.658337	0.166926	0.207835	0.330217
2.814213	3.328109	3.804761	2.159997	3.273257	4.499652	2.103058	2.163289	3.610353
0.438498	0.758302	1.867663	0.112647	0.660734	0.035124	0.07039	0.021714	0.467823
3.601783	3.631975	4.845372	2.329181	3.756791	5.265119	2.597841	3.148786	4.205037
2.245822	2.399464	2.724791	0.859649	1.490348	2.165905	1.310835	1.324837	1.295824
3.938015	3.232291	3.082344	4.024026	3.269989	3.513976	3.669024	3.465482	3.361494
2.931469	3.079563	2.972045	2.478964	2.52379	3.250556	2.542834	2.905825	3.119791
6.358056	5.978933	6.844422	4.02633	4.29	6.095098	5.261515	5.735048	6.223044
2.31189	2.492528	3.327739	2.409939	3.901845	3.557376	1.789173	1.833992	3.218426
6.085878	7.331954	6.291431	5.586169	5.31455	7.638253	6.615772	7.992218	7.634667

1.505329	5.18215	3.875315	3.091416	3.069894	2.744058	2.310047	2.389952	1.896487
2.859989	2.913436	2.708787	1.666437	2.638085	1.601641	1.514346	1.740753	2.134158
4.22738	2.698619	4.188872	2.27546	3.026819	2.871634	3.417807	3.610849	2.72053
0.075345	-0.00382	0.45704	0.074277	0.047563	0.276159	0.014387	0.03803	0.104056
8.773069	8.435185	8.590088	8.632104	7.653811	8.714495	8.774409	9.284458	8.178036
3.421795	6.205816	4.194311	4.506445	4.544903	4.078478	4.278033	4.50629	4.174375
2.043436	4.851437	2.503978	2.679	2.96252	2.278355	1.634705	2.05619	2.430298
0.409949	1.443788	0.816313	0.974629	0.910848	1.427511	0.644243	0.635121	0.740548
5.021509	3.470671	3.444487	4.22969	4.318974	4.385746	3.937426	4.476879	3.986911
0.771022	4.039972	0.941155	1.826103	4.886486	1.991012	1.111504	1.103554	1.353903
1.488474	3.163396	2.646256	2.828666	2.850107	2.587805	2.921543	2.951346	2.561686
3.877756	3.152124	3.133413	2.531886	3.004681	2.70783	2.635909	2.667091	2.682601
0.13223	-0.00251	0.185445	0.764542	-0.01314	0.320856	0.353011	0.247726	0.295816
0.114582	0.043319	0.188143	0.04849	0.007822	0.0473	-0.01925	-0.02939	0.077889
3.147706	3.54046	3.602071	3.291057	3.845364	3.407734	2.806197	4.352275	4.046126
2.196586	0.275046	3.847852	1.650117	1.78136	4.364107	3.471498	4.123507	3.015298
3.079555	2.074756	3.980113	2.419497	3.004367	3.204097	2.238456	3.448652	3.740414
3.570438	2.143158	3.036899	2.315141	1.687913	2.686461	2.727223	2.559256	3.025546
3.321694	3.656015	3.60359	3.507985	4.366809	4.113397	3.595472	3.65434	4.724985
6.740081	8.149294	6.928537	6.332638	6.375935	7.013959	6.362113	7.382916	7.293008
-0.05326	0.076545	0.074279	0.33913	-0.05326	0.589543	0.069855	0.252518	0.255822
0.381841	2.05833	0.742499	0.761696	0.655021	1.33267	0.628989	0.490631	0.440787
3.574619	2.700648	3.464469	2.427886	3.309964	2.832084	2.918093	2.852905	2.356519
6.711377	7.605374	7.395168	7.907395	5.286701	6.660826	7.82118	7.653144	7.354557
0.033508	0.013507	0.066605	0.150699	0.020109	0.067709	0.140418	0.017737	0.03889
0.157207	1.06782	2.497336	2.621219	0.696362	1.962457	0.372106	0.630242	0.775169
4.484167	3.304261	4.224634	4.523632	4.124768	3.562559	4.452405	4.126327	3.595488
5.347172	4.448817	5.158772	6.438264	4.777455	6.018438	5.819479	5.973891	6.659123
4.964179	5.161604	4.343288	5.190241	4.827484	5.652566	5.291848	5.493043	5.509521
3.958158	4.083282	3.998731	4.476267	4.387834	4.139702	4.639415	5.225152	4.404702
4.080474	4.585111	4.236157	4.211723	3.944174	3.567974	3.361507	4.026761	3.061118
0.868238	1.368286	0.888337	0.791195	1.107615	1.501949	0.739945	0.975566	0.590949
4.205743	8.053231	5.851524	5.565441	6.746209	5.017441	3.153096	3.357265	5.551958
0.007897	0.00984	0.008181	0.259556	0.000681	0.078335	0.070548	0.232679	0.144858
5.430743	9.447823	6.938129	6.111598	6.74478	5.528963	4.476963	4.414654	5.622396
3.961238	4.042619	4.384684	4.159272	4.613916	3.702881	3.910981	3.96619	3.822818
4.858904	4.722307	4.788487	4.214744	5.843215	4.337798	3.923161	4.173798	4.408017
2.772284	3.747881	3.279093	1.925681	2.680477	2.4581	2.178038	2.125236	1.665877
4.723925	10.22925	4.509213	4.261249	4.746377	4.842353	4.829872	5.276898	3.552862
2.135017	2.600334	2.747152	2.171004	1.709122	2.847501	1.852313	2.147748	1.596341
0.019643	0.038256	0.094281	1.958906	0.02265	0.471084	0.5541	1.028957	0.621593
4.320705	2.324651	4.232523	2.69514	4.345298	4.952175	3.489388	3.547845	3.393541
0.35534	0.683505	0.213358	0.199822	0.377781	0.440694	0.131427	0.34118	0.136444
0.058052	0.028832	0.337735	0.189917	0.176619	0.228809	0.314574	0.45407	0.216839
5.502371	6.696071	5.423557	5.745883	5.024611	6.464203	4.705906	6.156647	5.407472
5.146478	3.981006	4.477678	3.273445	2.724061	3.129158	3.875275	3.922334	4.219664
3.102878	3.913418	2.277043	3.173431	4.475164	2.131216	2.311794	2.512049	2.590873
1.139304	1.731213	2.347742	2.071439	0.890752	1.035484	2.178014	1.187371	1.966713
5.760039	6.816434	6.927908	6.11387	7.155997	7.185018	5.936294	5.864587	6.290427
0.012251	0.093899	0.012251	0.204874	0.168616	0.055232	0.297686	0.162872	0.085423
1.401759	3.148143	2.224225	1.338578	1.811296	2.183719	1.074267	1.057237	1.767521

3.231926	2.696735	2.949977	2.141945	3.428838	2.589648	2.214899	2.448384	2.649249
5.84445	7.307632	6.212624	5.417124	6.354055	4.900809	5.52589	5.923216	6.247741
0.086935	0.990962	0.51528	0.768575	1.5736	0.41901	0.458693	0.410257	0.366081
0.085757	0.849523	0.207949	0.161093	0.223184	0.239741	0.136394	0.22793	0.081275
3.939899	5.633315	4.844591	3.509785	5.058875	4.583889	3.862933	3.935665	4.260304
5.356903	4.130586	4.632351	7.428576	4.180857	5.978769	6.253701	6.905998	6.275961
0.122514	0.023976	0.224823	0.069551	0.023842	0.063769	0.039001	0.041429	0.074812
9.944614	8.020795	10.25746	7.586458	8.283938	9.871949	8.320181	8.336261	9.9746
5.159447	4.558635	4.790322	3.119058	4.586591	4.938682	3.884344	3.988961	4.603515
0.634651	1.327315	4.027315	4.103689	2.885188	2.187588	0.349308	1.847444	2.494014
5.034204	9.901526	5.591573	7.393928	7.905101	7.396952	5.425166	6.443976	6.503991
3.06423	2.073624	3.167744	2.548033	2.137282	4.289923	2.741972	3.168896	3.271681
3.573693	4.145759	3.636296	3.923868	3.754651	2.570815	3.28944	3.040889	3.411781
1.362331	1.901457	1.565091	0.697674	1.993948	1.119801	0.994157	0.871235	1.281105
0.062226	0.06999	0.07084	0.071835	0.033072	0.033072	0.04959	0.04418	0.082352
0.619885	1.321479	0.401703	2.239629	1.148436	0.321772	0.756296	1.003321	1.001052
5.973699	6.063602	5.207288	4.366465	5.60278	3.787103	3.727192	4.010766	5.249732
3.408421	4.189152	3.601575	3.58575	4.348773	2.679501	2.608532	3.015237	1.733613
1.494434	2.330392	2.279754	1.34777	4.024348	1.87147	0.558742	1.452349	1.682874
5.781084	5.848186	5.069379	4.633764	4.384838	4.58735	5.568177	4.59967	5.509122
1.328993	0.336916	2.888468	2.009717	2.09871	1.421849	0.426216	2.496927	2.348585
5.78683	4.854504	4.467635	5.439335	5.076352	5.643889	5.868453	4.826527	4.726023
1.374973	1.727072	1.509236	0.404043	0.288071	1.821476	0.603055	0.959841	0.596652
3.167841	4.398631	3.057763	2.294623	2.860831	3.292073	2.655069	3.123525	3.056285
0.947963	3.354056	1.435779	1.087565	1.838511	1.43496	1.259343	0.739943	0.731709
0.387823	0.352052	1.084859	0.064365	0.224519	0.502507	0.203491	0.376192	0.441104
4.333183	3.602194	4.234629	2.939677	2.864335	5.550159	3.864355	5.288005	4.94861
4.852854	5.623303	6.049527	6.751445	6.884769	4.504137	7.328495	6.318598	5.33895
0.649772	0.591069	0.765292	0.490018	0.755928	1.159402	0.317811	0.342695	0.866611
4.507616	7.734229	6.519322	5.861013	6.44243	4.654813	3.904516	3.633567	5.351776
5.962289	6.44266	7.411848	6.406812	6.54444	7.186506	6.564781	7.302723	6.874747
0.377666	0.047123	0.348498	0.544836	0.034681	0.334751	0.286934	0.380714	0.398784
2.696126	2.586999	3.146369	3.025782	3.48866	3.327901	2.834153	3.155517	2.973951
1.097366	2.241178	3.292704	1.388915	2.345504	2.686317	1.211879	1.633524	1.815779
2.77422	2.516248	2.699543	2.956561	3.314647	2.327759	2.676499	2.568174	2.626454
4.030271	3.907316	4.136317	3.524904	2.525513	3.932556	3.432472	4.527092	4.122711
1.318641	3.092815	2.827576	2.759045	2.089028	4.171821	0.767644	2.518918	2.256644
1.857604	3.307808	2.378918	3.256197	2.944454	2.773058	2.246709	3.691495	2.414129
4.049861	4.516558	4.003482	3.267133	3.823994	2.848738	2.913104	2.715542	3.269566
10.03481	9.941833	9.339302	9.392614	8.746395	8.880035	9.665477	9.035023	10.19986
4.405945	7.084966	4.983628	3.400877	4.040363	3.867178	3.42296	4.303298	4.601741
3.229692	2.851834	4.329768	3.054154	3.396847	4.054498	2.274523	2.749639	3.262366
6.185422	6.380347	7.767236	8.251617	5.631842	7.902802	9.300866	9.643491	7.819129
4.430818	2.477259	4.422075	2.578804	4.313551	5.343751	3.216878	4.813236	2.58296
3.720453	2.701037	3.319287	3.324274	2.212462	3.020938	3.085739	3.478528	3.194354
0.332747	1.081555	0.52749	2.05664	0.732379	1.467551	1.468736	1.239544	1.341717
2.850773	2.94517	2.63828	3.563316	2.794043	2.974588	2.639412	3.234248	2.750952
4.211137	3.126999	3.472881	3.959648	3.900631	3.530259	3.492853	4.07956	4.043941
3.761122	2.349149	2.908346	3.030499	3.179974	2.847765	2.71318	2.82542	2.642191
0.645909	2.181439	1.979224	2.578371	2.021944	1.613011	2.949071	2.296701	1.291874
2.841716	2.883616	3.681889	2.306141	3.688667	3.810852	2.239035	2.677166	2.867567

1.928153	1.48303	2.107407	1.414036	1.903519	1.760477	1.095385	1.499512	1.635375
1.464742	2.420008	3.603918	3.849569	2.403311	2.373528	3.728884	3.389198	3.299521
3.06295	3.729899	4.872076	4.648232	3.551579	3.883311	3.994826	3.197161	3.992902
3.878417	3.714716	4.008448	2.742112	3.612598	4.428417	3.488802	3.555909	3.547938
1.106414	3.396774	1.249901	1.372848	2.200967	1.755217	1.555478	0.778909	0.612063
4.403599	5.503112	3.780221	3.982253	4.603855	4.465594	3.891135	4.241553	4.477568
4.868653	1.452404	2.735229	1.755581	5.56192	1.824754	2.647381	1.852665	3.030379
5.231484	3.547905	5.097322	4.107067	5.538259	4.077867	4.559353	4.531419	4.894188
5.131872	3.637978	4.399909	4.5209	4.211855	4.729827	5.079086	4.888401	4.594061
5.474945	4.139341	4.523522	6.551339	4.835276	4.409553	4.723199	5.038438	4.822639
6.263782	4.779611	4.795566	4.696195	4.285915	4.593354	5.307344	4.248137	5.228209
4.898926	5.046601	5.203169	4.217435	5.586864	5.275322	4.824541	4.761727	4.805731
3.151555	4.934963	7.346858	7.941793	5.860222	6.543398	9.744086	8.907573	7.187846
4.894278	7.966472	4.375566	6.296657	8.883338	3.684942	3.958144	4.158374	4.509597
3.80753	4.75731	3.939392	3.120398	3.150595	3.461909	2.258207	3.105449	3.124281
6.685488	7.567785	6.05913	4.845792	4.503655	4.963034	5.511969	4.293126	5.625223
3.279691	2.573057	2.385878	2.457937	2.080873	1.936845	2.377633	2.1214	2.334734
2.716078	3.291695	2.857659	2.185227	3.562718	2.836804	2.167973	2.148523	2.30852
1.553962	2.961986	3.521361	2.301772	2.494251	2.667956	1.897319	2.300588	2.296224
2.129431	4.577365	2.558292	2.391371	4.139688	3.869076	2.079861	2.217911	2.406473
0.312405	0.139713	0.154173	2.252323	0.138387	1.221672	0.340622	0.671721	1.493347
6.049828	4.696788	5.570904	5.212807	4.815948	5.080404	4.976088	4.754375	4.590457
5.30477	3.869834	5.14987	4.68174	4.852081	4.011579	4.459867	4.718879	4.893991
5.790322	3.437212	5.986166	5.001254	4.253333	5.285087	5.532074	5.476229	5.346034
0.328232	0.709096	0.16987	0.425606	1.111444	0.268288	0.384652	0.087682	0.115122
1.212216	0.465837	2.380175	1.843947	1.231333	1.616237	1.681213	2.39427	2.726341
3.626857	3.98559	3.579598	2.970611	4.214519	3.955051	3.450458	2.963035	3.42743
4.680254	3.545592	4.734242	3.518588	6.568068	4.736963	3.60709	4.351535	5.12107
2.293941	1.650865	2.261702	1.608548	1.725303	1.861755	1.311979	1.677499	1.659523
4.308483	4.506794	3.264429	3.240024	3.023551	3.398983	3.567748	3.036148	3.155384
6.657411	6.208955	6.559811	5.482433	6.575753	6.710119	5.576724	6.177368	5.876016
3.159791	2.42202	3.047243	3.123924	2.659753	2.89621	2.28368	2.408012	2.336018
0.900866	0.787985	0.341711	0.222808	0.807667	0.678825	0.652642	0.22149	0.437397
4.151888	4.634572	4.398425	5.333353	5.926106	4.749346	4.395847	4.408856	4.740537
3.982445	4.09474	4.036141	3.449318	4.605697	3.711687	3.289117	3.013636	3.446677
1.232886	1.788312	0.92775	6.1907	0.421006	3.999106	5.606438	5.825922	4.860839
0.910325	4.147106	1.961841	1.367327	3.230272	2.006313	0.820492	1.584064	1.880564
0.126949	0.05564	0.393991	0.434103	0.257891	0.154471	0.158704	0.108268	0.208491
5.385352	6.649248	5.953234	4.691129	5.947941	5.073172	4.668166	4.41902	5.639287
2.359952	6.383715	6.856116	4.371683	6.732739	6.427573	3.916822	4.262163	5.381191
5.455671	6.232182	6.036384	5.740694	7.971368	6.008209	5.427665	6.552828	5.381472
5.955068	5.257654	6.381296	5.322583	5.066025	6.041121	5.174219	6.408397	5.100254
3.354577	4.962743	3.337052	3.356422	3.647704	3.596298	3.516947	3.279887	3.398112
3.770468	3.118419	3.519455	2.542208	3.414521	2.980489	3.079814	2.817211	2.70328
3.745958	2.642015	3.430799	3.162234	2.987208	3.644531	3.106792	3.278731	3.700823
1.058696	0.062732	1.192712	0.090063	0.108285	0.187268	0.432116	0.266166	0.078938
0.173161	0.680888	0.14562	2.719757	0.120391	1.354646	2.056774	2.519733	2.699164
0.486872	4.457891	1.565264	2.050886	3.257903	2.645936	1.870267	0.625523	0.224902
0.800512	4.336492	1.249388	1.345164	2.516016	1.947077	1.112075	1.251404	1.194634
6.993036	6.635982	6.399938	5.895603	6.66126	6.734967	5.72291	6.750247	6.125434
3.129834	2.679911	3.51685	2.863889	3.676471	3.44737	3.280924	2.917613	3.361025

4.218266	5.541213	3.744607	5.418889	5.125614	4.441577	5.034361	5.098397	4.282995
3.670238	3.851032	3.53819	3.18457	4.425036	3.576862	2.90379	2.60233	3.431873
4.540667	3.637443	3.951671	2.023936	2.754309	3.210662	2.890856	2.673984	3.495597
3.41093	4.394317	3.108005	4.725088	5.973131	2.774438	3.183346	3.255807	3.078755
4.952819	4.497351	4.528353	4.454607	3.775187	6.19341	4.762535	5.662781	6.146135
2.524675	3.061123	3.664356	3.986576	3.456418	4.7098	4.582321	5.810468	3.729184
2.673899	2.386889	2.167464	1.892606	2.099931	2.496631	1.937523	1.843115	1.827554

TCGA-HT	TCGA-FG	TCGA-DU	TCGA-P5-	TCGA-HT	TCGA-TQ	TCGA-HT	TCGA-HT	TCGA-P5-
0.157558	0.077689	2.41638	1.927124	0.222101	1.261798	1.125299	0.089665	2.659283
1.287055	0.898541	0.46211	1.361337	1.192542	0.740011	0.978225	0.971481	0.4819
6.952956	4.894585	5.213162	6.425461	6.339156	4.834419	5.21903	6.995788	7.396473
5.658333	4.429903	4.817533	3.276972	7.081428	2.556373	3.071919	4.619975	0.315115
1.43218	0.599318	2.353886	0.084228	0.749277	1.111086	0.693807	1.188827	0.317952
6.367859	7.71579	6.366845	7.149803	6.917228	7.054232	6.993708	6.440682	7.581101
5.590279	6.11452	5.517618	6.654638	5.643015	5.277178	5.00364	5.737627	7.648732
4.553695	0.474327	1.274225	0.509842	3.160802	0.675826	0.75002	4.2468	1.830666
0.243524	0.061118	0.468622	0.037891	0.066099	-0.04903	0.097955	-0.00037	0.291565
5.38163	3.375582	5.826725	5.7176	4.849649	5.645098	5.771278	5.728507	8.242781
3.772297	4.416678	4.275728	5.937064	4.077942	4.489849	4.659696	3.965366	5.550909
3.779782	1.437338	4.338381	1.976201	3.103208	2.921497	3.4565	4.321733	4.085935
1.697406	2.413198	0.853067	3.284332	1.750074	2.382785	1.898471	1.48177	1.670814
3.649596	3.663922	3.374669	4.412685	3.657122	2.775293	2.125365	3.763252	8.500021
3.951592	6.248368	5.616421	5.087371	3.767238	5.987113	5.562883	3.016836	5.581876
2.269075	4.499301	3.329366	3.22271	2.558634	3.718685	2.579782	2.111564	3.219245
1.100661	1.973868	0.677313	0.984052	1.068657	1.085989	0.930447	0.563778	0.463056
7.836757	8.264253	7.716465	8.700257	7.776059	8.16289	7.587058	7.819365	7.483829
2.921323	4.751289	7.120622	3.933005	3.500172	5.724141	5.349146	2.672934	1.814676
3.156113	3.941902	3.528327	3.156715	3.410265	3.675321	3.46923	3.959967	2.558959
2.433694	1.798986	2.172253	2.454589	2.346812	3.434214	2.675809	1.523119	2.466783
3.782546	2.201412	3.322094	4.174901	3.711898	2.400546	2.688349	2.767882	1.888777
3.171171	3.228883	3.231321	3.069295	2.593915	3.157302	2.381273	3.393509	1.428781
0.308209	2.775168	0.849187	0.243186	0.416877	0.610278	0.653962	0.450322	0.443538
4.165639	3.728955	3.50521	3.901388	3.714013	3.18729	2.767224	4.622473	7.260182
1.176426	4.504562	3.022155	4.195328	2.397588	3.153901	3.897788	1.406124	4.759234
0.660032	0.235444	1.137629	0.637437	0.626729	1.128878	1.464411	0.916256	4.71134
4.340366	6.039294	5.133073	4.197191	4.402922	4.69615	4.870839	4.129545	4.589285
5.407641	2.743403	3.207279	1.7096	4.872504	2.287907	2.645466	5.487898	1.413045
4.286061	4.264276	5.32817	4.321969	3.839252	4.433109	4.509534	4.309888	4.214254
1.672813	2.633491	0.565138	1.824937	1.661069	1.800937	1.700221	1.18197	2.484847
5.77876	2.964077	5.26725	6.085661	5.722446	4.583649	5.401154	6.164522	6.155871
3.994783	4.919686	4.318808	5.619926	4.90802	5.304586	4.412074	3.849996	3.737117
2.944126	3.247565	3.331886	2.70591	2.239267	2.816346	2.156321	2.464514	5.027245
4.66522	3.464514	3.49521	1.627651	3.583651	1.870527	1.607726	4.489767	1.246808
1.924198	1.686932	2.698281	1.931652	1.325459	2.543362	1.950131	1.051954	1.625238
6.250855	5.249615	5.397104	5.847473	5.814852	5.077282	5.457629	6.984623	3.565386
4.178752	3.815876	3.373655	4.090293	4.011418	3.796785	3.588907	4.253941	5.494422
4.628083	4.562576	3.854711	4.819388	4.795147	4.513297	4.05177	4.769614	5.727918
0.092682	0.289971	0.087821	0.101141	0.103767	0.088189	0.080378	0.106041	0.070614
0.446786	1.005178	0.36853	0.641112	0.424414	0.655024	1.080773	0.502453	6.145791
3.845381	1.835188	3.246844	2.373197	3.551328	2.442839	2.277947	4.007022	1.539536
1.465017	2.148645	0.756008	2.538378	1.784417	2.234319	2.640872	1.013121	1.197053
0.831032	0.527895	2.232177	1.311581	0.66827	1.896775	1.663512	0.244089	0.292012
3.334895	1.506059	1.033783	1.126615	2.226343	0.548249	0.658794	3.12241	3.386272
9.329021	12.83524	7.895605	11.98241	10.22115	9.883912	8.87016	9.80569	9.865659
7.208256	2.015976	6.737886	4.857931	6.744612	6.273359	6.622506	7.695876	0.079141
5.593815	3.031407	4.907528	4.142159	4.749561	4.001982	4.266685	5.868164	5.131694
0.357393	1.457527	1.501468	0.376379	0.531777	0.961195	1.522599	0.361887	0.905365

1.706643	0.147527	0.280961	0.378057	1.045702	0.429421	0.397011	1.368416	3.507052
0.757285	0.429048	0.737226	0.503339	0.603384	0.672398	1.247966	0.393534	3.358448
1.693626	2.127102	2.868827	1.258775	1.54554	2.209408	2.048318	1.667381	1.35784
4.873807	4.938277	4.846199	4.333619	4.338266	4.818339	4.544469	4.894557	6.553292
3.189062	3.656108	3.768842	5.046577	3.459033	4.557798	4.095811	4.19735	2.154036
0.099862	0.647514	0.09943	0.116287	0.108295	0.297774	0.057377	0.022438	0.022438
0.758281	3.514416	0.797032	1.259007	0.49844	0.872324	0.62084	0.38866	3.058933
6.979721	8.353448	4.10042	9.883814	8.123993	7.261	6.720945	7.389892	8.615963
6.984172	8.935065	8.694881	8.691437	7.828729	9.030011	9.696516	8.144342	2.845503
5.4172	5.521026	4.847413	2.476367	4.672218	3.867623	4.166652	5.445364	-0.10068
0.97243	1.72914	1.461394	1.248052	0.802505	1.202498	1.149252	0.719632	0.938106
5.724433	6.998845	5.187925	6.523391	6.112036	5.148116	5.900596	6.263879	4.760936
2.898749	1.342546	0.646037	1.344956	1.781849	1.040162	0.753548	1.050256	0.744921
4.330103	2.581384	4.091899	2.443219	3.880977	3.213726	1.326134	4.237071	1.941014
1.413745	0.398628	0.799018	1.046409	1.67667	0.588945	1.807443	1.96084	0.389462
8.99062	10.85228	5.446276	11.66729	9.380663	8.661568	9.403867	9.256813	3.431198
3.187941	2.984719	3.509386	2.211387	2.50883	3.148776	3.606442	2.573103	5.040019
3.107966	4.741273	4.268911	3.597886	2.926204	4.026002	3.897768	3.468834	2.167592
0.59011	0.745931	1.141138	0.719899	0.957985	0.726112	1.140132	0.629803	0.193493
4.723088	2.254933	4.036252	6.335461	4.587986	5.17489	5.194158	5.670759	3.301726
5.607603	2.863553	4.04169	2.82965	4.54912	3.25718	3.545878	5.686577	3.388232
1.761716	4.531455	1.446696	3.156925	1.597705	1.811879	1.444132	1.117234	1.581109
3.138154	2.88627	3.446743	2.375609	2.35274	2.272511	2.678774	2.925052	3.549125
7.645143	3.050663	5.249804	3.754267	6.538233	3.89726	3.877377	7.644918	6.612238
6.729145	5.796923	4.720978	4.740094	7.018544	4.866109	5.466934	7.427766	6.204797
5.907161	0.723519	1.884725	2.538819	5.626931	3.517683	2.115327	6.769065	5.379588
2.759498	3.724666	0.967009	5.040385	3.487597	2.64088	2.519067	2.122139	2.910852
1.49206	3.447489	2.505715	3.286672	1.750793	2.606413	1.833077	0.967378	3.256102
2.528633	2.133113	3.85705	1.633193	2.009115	2.634474	2.223794	2.343884	3.704189
4.577307	2.375443	4.072544	2.359452	3.575814	3.312766	3.089336	4.650813	4.415191
2.855861	1.409601	3.769042	1.948801	2.65526	2.418284	1.471177	2.445817	2.755383
3.083639	4.786552	3.985555	3.981397	3.804426	4.151636	4.720533	2.994205	3.481431
6.991445	8.858711	6.160555	9.44809	7.826214	7.014233	7.433094	7.75231	9.919388
1.791582	0.629469	1.226178	0.656098	1.247575	0.836619	0.81471	1.718728	1.155061
3.828309	5.916441	5.76885	6.697691	4.644282	5.535314	5.029218	4.201952	3.042992
1.78007	0.315611	0.323274	2.386657	2.21505	0.315503	0.442624	0.803619	0.113919
2.442348	3.236975	4.296681	2.78096	2.59268	3.761876	3.1935	2.023641	4.46048
1.01824	3.919138	2.658718	4.493234	1.308747	5.144734	4.183727	1.138748	1.279867
2.004399	2.444192	2.326037	1.590682	1.964489	2.115191	1.929019	1.783339	5.750712
2.42041	3.827628	3.216518	3.410418	2.280452	3.23803	3.509968	2.096033	2.407393
4.738815	5.991924	4.389584	3.553092	2.308002	6.402499	5.57981	2.705979	5.54092
1.203253	0.324523	0.171041	0.257408	0.170509	0.279294	0.149427	0.134847	0.732703
1.404136	3.302469	1.325375	3.84146	2.823472	3.045088	2.50005	1.669317	2.495659
0.509339	1.256414	0.567773	0.208118	0.029349	1.074954	0.967672	0.105579	0.435745
3.045252	8.106653	2.47599	5.034897	2.545893	3.356321	2.948673	1.950587	6.546769
1.888919	2.160365	1.799939	1.629028	2.000699	1.822496	2.801941	1.079613	1.28079
4.91633	3.378187	4.34284	3.244532	4.247903	3.412507	3.222324	4.471356	4.963783
3.633348	2.73541	2.222008	3.421636	3.107389	3.117906	2.457919	2.945081	3.377431
3.731367	5.368595	6.098784	7.912758	4.856497	5.884133	5.892485	4.358035	6.574126
1.802	2.42294	1.099547	2.551956	2.655531	2.108047	1.461763	1.676359	1.63363
4.48115	6.306054	6.437107	7.534082	6.476838	8.180743	6.803715	4.010847	6.452331

2.871383	3.868606	2.137552	1.672102	1.554753	1.860125	1.416157	2.325803	2.071716
2.033262	3.606252	2.015975	2.126818	1.640103	1.992298	1.957784	1.410159	0.970891
2.065625	3.074955	4.415216	2.959773	2.306903	3.138571	3.206071	2.543406	5.30829
-0.00826	0.206678	0.012321	-0.01725	0.063898	0.263936	0.28067	0.002072	0.073169
9.111927	8.155964	7.486808	9.72205	9.457289	8.537342	9.741879	9.566547	9.885275
4.420641	4.888612	4.876471	5.088506	4.328113	4.221052	3.665529	4.70124	5.589661
2.79705	3.252063	2.785688	3.885473	2.358991	2.523594	2.835253	2.13367	3.098696
1.533531	1.225189	0.744022	0.592379	0.68952	0.462713	0.194889	0.826718	2.775831
3.713567	5.111329	5.793486	4.006193	3.396746	4.423856	4.348	3.950705	2.949117
1.079822	5.189873	0.819601	1.880743	1.611822	1.302753	0.832971	0.72019	1.206081
4.114628	2.61955	3.168518	2.018484	3.18401	2.817413	1.992656	3.884937	5.158545
2.521366	2.800508	4.171919	2.607906	2.256866	2.834166	2.813202	2.37007	2.254588
0.968334	0.0248	0.522289	-0.01314	0.45707	0.052701	0.182651	0.68472	0.059188
-0.014	-0.03556	0.137416	-0.06091	0.01473	-0.02405	0.004231	0.014606	-0.06091
1.549834	2.318302	0.979507	5.231347	3.221887	3.508214	3.132825	1.706829	0.277802
1.623854	0.479336	3.70064	6.184509	3.104058	4.59211	5.141788	1.449249	2.519112
2.324289	0.764454	1.496276	3.688481	3.043975	3.602269	1.306776	1.845062	0.63245
2.323829	1.018989	3.740602	2.396551	1.876387	2.955419	3.152372	2.16139	2.118918
2.811611	2.53453	4.093194	2.911418	3.314869	3.486053	2.440672	3.320488	3.396544
6.003384	5.650276	6.019186	9.51506	6.870214	7.330654	7.452575	6.640736	4.907212
0.387374	0.24178	0.20296	-0.02666	0.138607	0.05569	-0.01434	0.31441	-0.05326
0.544886	4.408122	0.306872	0.67094	0.758348	0.577021	0.766902	0.479284	0.819888
1.895522	1.823945	4.045832	1.535387	2.182491	3.56505	3.456105	1.66653	2.549617
8.134863	6.063134	6.623965	6.755763	8.049106	5.375793	6.348657	9.289334	4.400997
0.122812	0.027847	0.125197	0.021906	0.219586	0.054877	0.057773	0.081708	0.473017
1.418807	0.205427	1.171761	0.185627	0.507961	0.578184	0.76286	1.108754	0.096118
3.936262	3.001194	4.747951	3.917975	3.224834	3.847294	2.887917	4.143634	3.143585
6.133254	4.269147	4.889328	6.699687	6.628986	4.840848	4.787754	7.035519	5.696254
6.001128	5.296751	4.558672	4.900153	5.507653	5.350192	4.93895	5.581818	3.377413
5.022746	3.910051	4.082567	5.307215	5.284816	4.377458	3.758933	4.656315	2.373716
3.387837	3.246344	5.431508	3.895676	3.12878	3.644866	2.969813	3.113909	6.052208
0.584799	2.18142	1.194645	1.166296	0.808998	0.945201	0.758763	0.566191	0.748476
5.982104	5.995145	3.421709	2.951935	3.712402	4.985232	4.620338	4.001345	4.917979
0.219555	0.000681	0.02596	0.000681	0.261918	0.000681	0.007502	0.403391	3.7554
5.352558	6.481952	3.635835	5.269067	4.784167	5.399125	5.342384	4.822852	5.062065
4.250416	3.611953	4.666317	3.931271	3.687316	3.828462	3.030306	4.321687	2.939012
3.716685	5.20425	4.711771	4.486078	3.690533	4.704224	3.558778	3.078048	4.410553
2.354276	2.594015	3.624266	2.2765	2.493669	3.108829	3.088342	1.909202	0.913385
4.895584	5.879377	4.488678	6.205502	4.499795	4.112827	5.046052	4.686057	6.456601
1.28576	2.721065	3.312236	2.059845	1.367236	2.567594	1.603132	1.211136	3.531833
1.107512	0.007441	0.240262	0.172996	1.133243	0.117789	0.064352	1.720587	1.963734
1.311365	5.249883	4.432349	1.518033	2.489673	4.145106	4.1704	1.37293	2.408483
0.102462	0.632965	0.292048	0.650024	0.176319	0.340808	0.757012	0.073642	0.104033
0.909734	0.022732	0.097402	0.114658	0.41126	0.278942	0.2659	0.468121	0.040417
5.237498	7.179651	4.914739	8.813989	6.302946	6.303191	6.895595	6.119355	3.903905
3.386343	2.602673	2.7412	4.555419	3.365136	4.697366	4.19874	3.575741	1.826908
3.656959	3.330605	3.256898	1.511124	2.48612	2.258415	2.439013	3.324875	1.728985
2.384429	1.575306	0.519407	1.334845	1.554669	1.36411	0.574003	2.049453	1.210424
5.786871	7.592257	5.883041	6.513415	5.88866	5.957297	6.098495	4.794818	6.63569
0.154657	0.012251	0.035302	0.012251	0.273313	0.012251	0.043176	0.119183	1.86323
1.69456	4.196727	1.086956	1.730588	1.003012	1.374027	1.280093	0.800494	2.632948

1.664475	2.555238	3.456103	2.108831	1.760556	2.686575	1.913786	1.791548	4.588591
5.888099	6.949751	4.306696	8.227719	6.734134	4.624811	5.593415	5.6199	7.283088
1.137435	3.071785	0.47356	0.146864	0.749329	0.404399	0.136838	0.455155	0.820158
0.121606	0.220971	0.777236	0.071182	0.088749	0.103573	0.199975	0.326313	0.398941
1.938152	5.498853	5.683094	3.206825	3.163476	4.598502	4.188651	1.883895	4.457096
8.008761	2.855548	5.744803	5.119114	6.84793	4.945642	4.866629	8.123161	5.893594
0.049483	0.016271	0.142061	0.062766	0.07501	0.118442	0.317061	0.087179	0.527353
6.908719	9.882756	8.446768	10.07903	8.060343	8.850055	9.641473	7.464663	7.719218
2.86691	4.060007	4.862011	5.07172	3.369381	4.834407	4.638707	2.605368	3.638696
4.042215	0.92507	1.423432	1.562482	0.718316	1.133888	1.448566	0.888506	0.724479
5.751116	9.933009	4.724783	9.162564	6.436081	7.099045	7.498319	5.000463	11.08162
3.343501	1.974536	4.216904	3.028483	2.963807	3.818523	3.166038	3.201089	2.261864
3.843546	3.308075	3.283085	3.232158	3.46382	2.568668	2.153147	3.56775	3.817021
1.158723	2.499412	0.733411	1.402627	1.053697	1.037545	0.762079	0.639065	1.735283
0.231483	0.079376	0.083911	0.042543	0.056021	0.062154	0.053798	0.155826	0.043806
1.819633	3.496977	0.467487	0.834528	1.037257	0.591311	0.568962	1.686481	0.128899
3.748373	4.846967	3.383219	6.073359	4.221978	3.68764	2.976991	3.850044	7.023675
2.873144	6.76404	3.74154	3.219108	3.471994	2.844058	2.476611	2.168217	4.877748
0.336913	2.765181	1.265447	2.412553	1.076941	1.865497	2.768831	0.136831	0.944925
5.60634	4.793662	5.327381	4.837942	5.314401	5.471284	5.519768	5.551236	6.537649
0.906854	0.542546	1.129548	0.739095	0.86556	3.028552	1.711589	0.117398	0.860849
5.945766	4.798114	5.01855	4.202105	5.412918	5.750434	4.089257	4.517849	6.115906
1.05485	0.532511	1.537164	1.555461	2.112705	1.561623	1.304464	1.097353	5.803571
3.243797	3.734847	3.214556	3.592476	3.17964	3.134364	4.187927	3.349922	3.469425
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0.133766	0.427581	0.797808	0.378354	0.270417	0.541876	0.995724	-0.00437	0.095885
3.823557	4.713846	5.290124	5.158306	4.23797	5.673988	6.319709	3.46255	0.31531
5.825802	5.661203	5.154718	6.140424	5.701049	5.167639	4.629912	6.355751	4.988546
0.377111	0.583592	0.4563	0.713229	0.598991	0.5005	0.489906	0.398054	0.23162
5.02411	3.847019	4.070502	2.651827	4.016557	5.057364	5.474835	4.167766	3.726947
5.10697	5.409821	5.495885	8.004133	6.641504	7.678182	6.204151	5.488386	0.513067
0.939083	0.180328	0.563017	0.121141	0.475874	0.219542	0.330246	0.762004	0.049015
3.180333	3.001297	2.292489	2.958706	2.705683	3.002478	2.08618	3.375415	2.200735
0.944824	2.279275	1.432886	1.947628	1.16939	1.998384	1.959273	0.644416	1.257415
3.037663	3.470401	1.231869	2.407843	2.457831	2.070194	1.723878	2.168652	1.848285
3.589078	3.463172	3.330276	4.640094	3.736706	4.715811	4.049217	3.168613	2.010015
1.209643	2.801361	0.989166	2.078698	1.521925	3.346442	2.32878	0.606773	0.271253
2.697999	2.00602	0.970954	3.634879	3.249605	2.78802	2.098301	2.077728	-0.10225
2.512244	3.777647	3.108511	3.103605	2.686017	2.909536	2.561215	2.705435	2.107447
8.888093	10.05532	7.804034	11.05328	9.972777	8.679727	9.224051	9.924621	8.437402
3.632351	5.388118	4.312565	6.150821	3.433408	4.161659	4.418977	3.824407	8.788703
1.457253	3.376009	1.679415	3.195603	2.21795	2.952758	2.284406	1.618262	2.225621
7.476837	4.184901	7.040294	8.292852	8.577078	8.404188	6.110226	8.110053	4.089644
3.267696	3.330244	4.303453	3.583601	3.722193	4.971617	5.215542	3.062977	2.383659
3.520165	1.553602	4.293225	2.737306	3.029328	3.537731	4.19676	3.689918	1.837518
2.998224	1.390103	2.448695	0.325955	2.173297	1.33572	0.985444	2.316122	1.370709
3.455864	2.074861	3.771336	2.146925	2.645768	3.188248	2.684688	3.42729	3.112843
3.975251	3.596374	3.338028	4.137693	3.691375	3.920166	3.980153	4.2058	5.10852
2.946365	3.161418	3.863278	2.792611	2.445268	2.987608	2.011186	3.24984	4.990301
2.561771	0.932612	1.599956	1.086789	2.09205	2.285355	2.181702	2.975905	4.243913
1.930373	2.117994	3.303196	2.411075	1.675995	2.913228	2.554818	1.275433	1.650772

1.350945	1.283688	2.559351	1.00721	1.133617	1.85183	1.666772	1.070049	1.541104
3.732859	2.345333	3.662895	2.929162	3.678132	2.766933	2.845335	3.696887	2.512987
3.71335	3.958535	3.344464	3.071662	5.773694	3.079975	3.0483	4.031652	3.108182
2.610646	4.704303	4.014374	4.81383	3.670332	4.159064	4.004017	3.366946	3.529027
0.796758	2.261444	2.134701	0.878289	0.773847	0.861905	1.54009	0.711251	2.058011
4.14	4.918337	3.958987	4.949135	4.190454	4.048644	3.409477	4.563739	3.254932
3.090744	3.794666	2.906063	2.568898	1.927474	1.586685	1.78912	1.816108	2.511412
3.270262	4.502522	4.71042	5.073081	3.425391	4.082448	3.438225	3.126779	3.355098
5.037423	4.219437	5.073743	4.713225	4.623454	4.791809	4.55244	4.982587	3.981096
5.279906	4.349815	4.629216	4.468524	4.64001	4.881276	3.872748	5.848621	3.803238
4.861624	5.174564	4.273653	5.021081	5.19627	4.144368	3.775979	4.492674	7.850025
4.714441	6.065393	5.324817	5.454237	4.826808	5.491715	4.767229	4.597712	4.592372
7.357244	3.014489	4.635059	6.377837	8.813592	7.517698	4.916129	8.472246	0.352134
2.758419	7.903335	5.973548	3.200894	2.828601	4.154852	5.440454	1.319909	1.779265
3.331317	4.825982	2.858638	3.56084	2.787487	3.457361	2.786651	2.82915	1.609063
4.058783	5.613553	5.667741	5.367376	5.437833	6.7146	6.882308	4.776226	5.680897
2.52193	1.437287	3.515514	1.837101	1.708757	2.781768	1.610642	1.852807	0.678594
2.187761	3.637696	2.458649	2.565656	2.114282	2.813305	2.123194	1.477556	2.148769
2.615236	3.047229	1.332203	2.813009	2.547078	2.878284	2.427861	1.900985	1.956569
1.858303	5.841771	1.571185	4.015629	3.301874	2.543511	1.940763	2.125335	3.696318
0.381825	0.305572	0.284382	0.203298	1.154799	0.150546	0.171517	0.482822	0.182779
5.43831	5.085166	5.633296	4.162445	4.665516	5.146814	5.286193	5.175297	6.80606
3.879838	3.522351	3.361336	5.873174	4.499008	4.635061	4.895739	4.414196	3.938772
4.797764	3.301498	5.892751	5.019735	4.457116	5.706901	5.421138	4.588663	5.930029
0.624608	0.133196	0.755166	0.910531	0.320206	0.252783	0.458666	0.859557	-0.05175
1.286277	0.614174	1.003409	5.219937	1.678918	1.683653	3.382756	1.346463	0.497245
4.281931	4.594627	3.437149	3.911297	3.69933	3.725904	3.927835	3.954304	3.977024
2.086174	6.285679	2.372583	5.373553	4.308988	4.740384	4.46824	1.16495	0.809619
1.878051	1.583034	1.57522	1.904012	1.868419	1.651238	2.014962	1.738402	2.914935
3.01905	1.70739	3.68976	2.478861	2.58477	3.798202	3.882273	2.618524	1.869025
4.111838	6.234798	7.159998	6.919756	5.162541	6.792988	7.017557	4.976216	3.97586
2.883866	1.892091	4.420075	1.38123	1.724743	2.413278	1.878183	2.748453	0.824697
0.239827	0.316842	1.236316	0.367735	0.381516	0.388668	0.296979	0.135251	0.983173
5.794389	5.675597	4.824498	3.724452	5.171782	3.922629	4.525247	6.278933	5.058814
2.423651	3.544519	4.571699	3.510099	2.497188	3.60583	3.200235	2.268419	4.274741
7.148785	0.542515	4.012217	1.263458	5.971087	1.080788	1.342427	7.344092	0.336373
0.834364	3.435119	0.870518	2.058193	1.407181	2.019946	1.825042	0.79871	2.886044
0.322655	0.044786	0.304981	0.218549	0.223676	0.043988	0.06489	0.422225	0.061514
4.640831	6.317194	4.737474	5.348842	4.764188	4.685375	4.293364	4.613125	7.290734
3.988896	6.445203	2.911497	5.5741	4.400245	4.460501	2.634454	3.494379	3.771982
4.873871	8.149747	6.359339	6.314932	5.646708	5.998631	4.461805	5.312092	6.617576
4.146257	5.936974	5.443842	5.148223	4.794364	6.688847	4.005802	3.889198	1.687416
4.298846	6.174963	2.784964	4.284203	4.301812	2.960224	2.664659	4.208865	3.290498
1.924418	2.891793	2.935679	2.462529	1.951083	3.094549	2.635718	1.573254	3.468471
3.828341	3.798766	3.549416	3.107921	3.490466	3.458003	3.752502	3.151257	2.858417
0.321574	0.108845	0.047922	2.786045	0.300737	0.330788	0.268932	0.158637	0.124065
4.093173	0.151735	0.491179	0.198857	2.887561	0.102494	0.209954	4.596119	0.192602
0.22914	3.074683	2.674413	0.54014	0.567125	1.109969	1.818175	0.226863	0.621549
1.640309	8.989026	1.222056	2.306769	1.346712	1.183621	1.87881	1.47108	1.531947
5.373073	7.321324	5.78149	7.027602	5.936015	7.060257	6.687457	4.94683	5.76261
3.514322	3.761221	3.510394	3.900416	3.500721	3.228062	3.030401	3.817814	3.232228

5.308271	5.326023	4.902857	3.877393	4.619277	4.94765	3.942765	5.388604	2.044022
3.481232	4.565969	3.792922	2.75204	3.11135	3.578075	3.007616	3.373731	2.499235
2.194302	2.717021	3.880523	3.393812	3.115063	2.904398	2.798373	2.407081	2.433413
4.911966	2.720744	3.850813	2.325523	4.122377	2.425585	2.202989	3.275797	2.79445
3.888366	3.303304	3.614999	5.059068	4.728631	5.914006	3.520515	4.036327	1.156291
4.635358	3.131532	5.052964	3.99256	4.999686	5.468591	4.971833	3.906527	-0.38872
2.515404	1.706071	3.102818	1.858241	2.069773	2.633425	1.87899	2.135978	2.817965

TCGA-DH	TCGA-DB	TCGA-HT	TCGA-DU	TCGA-DU	TCGA-FG	TCGA-DU	TCGA-QH	TCGA-S9
1.431744	1.196554	1.099656	0.62354	1.13117	1.463704	1.378501	1.236031	1.147177
1.941002	2.104345	1.641182	1.457068	1.842129	2.2894	2.617275	1.345948	2.559891
5.388136	4.496856	6.273651	4.031976	4.666838	5.76401	5.6195	5.432496	5.660868
4.684956	5.211541	2.897238	3.292933	2.451004	3.09825	4.365613	4.503787	2.881931
1.567859	0.776565	0.89296	2.13268	1.960625	0.625378	0.623165	2.187069	0.356502
7.431912	6.497104	7.508637	8.008685	6.171616	7.219498	6.255298	6.452694	6.649016
6.224709	6.394348	6.43338	5.387314	6.363592	5.839779	5.713988	5.012127	6.197707
0.600247	0.46268	0.780563	0.649642	0.565405	0.847662	0.568104	0.875738	0.621008
0.048515	-0.0295	0.309927	0.077746	0.200291	0.039438	0.127789	-0.02053	0.391625
5.493041	4.939954	5.59527	6.085719	3.185944	5.262079	3.935186	5.282676	4.602388
4.623651	4.133443	4.731974	5.355878	4.301901	4.131909	4.269988	4.333598	4.906591
2.560003	2.402489	3.333483	2.460219	2.634692	3.285968	2.820514	3.512565	2.781639
2.994895	2.351967	2.418953	2.383432	2.419954	2.939681	2.926027	2.426342	2.644058
2.76923	3.969407	3.133476	3.958313	3.545422	2.873591	5.023566	3.125	2.512449
5.228658	5.660036	6.340527	5.426596	5.660721	6.294986	6.252108	5.437461	5.738404
4.490943	3.996145	3.817983	4.340147	4.996319	3.306648	3.699263	3.273237	2.496823
1.773102	1.24891	1.494969	1.562171	2.569333	1.207083	2.819564	1.193812	1.126685
8.763515	8.842744	9.245558	9.791296	8.323513	8.619105	8.778721	8.430891	8.461274
5.735825	5.462957	5.693665	6.193442	4.867251	5.190707	4.092541	6.026908	4.412175
4.339741	4.454011	4.817403	4.958767	4.297564	3.744311	3.79533	4.543219	3.710038
3.549659	3.648418	4.064252	3.367994	2.127573	3.153539	3.08607	2.974123	2.44056
2.421836	3.083341	3.681801	2.332756	2.878203	3.062629	2.909543	3.425802	3.414393
3.349852	2.712918	3.902102	3.384088	3.23903	3.389595	2.216572	2.973243	2.2662
0.489927	0.782346	1.685464	1.047042	2.9601	0.345465	0.57109	0.255238	0.341895
2.835178	2.74757	4.018905	4.982341	3.940486	3.51136	3.622783	3.80579	3.371741
3.811597	3.664563	3.302619	2.525472	3.910778	3.165344	3.841175	1.533989	3.485547
0.421056	0.477255	0.758031	1.398135	0.596773	0.668576	0.450167	0.967487	1.218878
4.252364	3.538287	6.001577	6.486666	5.834986	4.888637	6.257213	5.26371	4.500359
2.131938	1.622518	2.351676	2.599367	2.34386	2.324508	2.852562	3.06021	2.262304
4.675097	4.074068	4.72076	4.716711	4.045693	4.798294	4.156385	4.710209	4.292436
2.55728	2.110016	2.777233	3.848675	2.446622	2.644394	3.453063	2.495237	4.33906
3.788018	5.078049	10.54877	3.849537	3.261692	4.847737	3.209388	3.76762	4.581846
5.608632	6.002787	5.914646	4.651678	4.896584	5.247491	6.168254	5.499382	4.971393
3.534839	3.106499	4.003112	4.329858	2.756722	3.119213	2.833204	2.64377	2.223788
2.553881	2.630478	3.834449	2.606243	2.613996	2.708322	2.386183	2.572608	3.405878
2.762967	2.502227	3.096615	3.331172	2.766721	2.529414	3.125658	2.875453	2.488889
5.632799	5.25363	5.890001	5.244562	4.272188	5.265596	4.224134	5.257824	5.040362
3.565151	4.301868	3.574212	4.809135	4.934181	3.347427	4.130901	3.632454	4.366966
4.57506	4.336872	5.355089	4.032696	4.286496	4.571505	5.648173	4.44915	5.95016
0.091392	0.121666	0.08199	0.070805	0.118062	0.12408	0.129886	0.100463	0.108124
0.997133	0.954584	8.110074	1.735252	0.524574	0.881	0.171145	0.599679	0.167842
3.628513	2.864699	2.23846	3.118245	1.879966	2.705485	3.729534	2.891894	1.931644
3.799317	3.257271	3.558397	3.078244	3.614985	2.971796	4.402736	2.095413	3.851686
1.199763	1.19232	1.432464	0.311886	0.926196	2.047613	1.744006	1.099829	1.520563
1.08862	0.290934	1.075755	1.010764	0.8308	1.738391	1.684934	0.930935	0.560544
10.98359	10.93284	11.21969	10.82016	12.10619	9.788667	10.20143	9.56241	11.01043
5.373918	5.534823	6.06031	3.759269	2.738936	5.846615	3.131589	6.992086	4.667825
4.498692	3.972751	4.785107	3.966285	1.668986	4.509278	3.423398	3.831946	1.799152
1.005816	0.726978	0.597097	3.706537	2.292946	0.60456	0.695018	1.126562	0.429368

1.2095	0.921503	1.418025	0.197421	0.142743	0.619442	0.613298	0.669872	0.531591
0.985971	0.355724	1.174033	0.363623	0.30657	1.185901	0.289664	0.898108	0.407027
2.402354	1.349694	3.004013	3.4073	2.171233	2.084264	1.70971	2.744503	1.345356
4.822847	4.392648	4.269078	3.278139	4.040391	4.595805	4.405573	4.576672	2.900222
4.620124	4.407723	4.809232	4.803011	3.732886	4.262068	5.008853	4.100264	4.67647
1.163531	0.315178	0.380289	0.769289	0.582078	0.245486	0.627457	0.101142	0.30049
0.543966	0.445102	1.729968	3.87663	3.223085	0.874465	1.678964	0.433183	0.56608
8.560935	8.71401	4.346774	6.116692	7.592712	6.999211	8.88284	6.830348	7.42859
10.10956	9.913314	9.777485	9.182565	7.865873	8.874996	7.404885	8.775053	8.980144
3.538918	2.535969	5.224104	5.932796	4.75103	6.188548	3.928579	4.328849	2.107249
1.810955	1.402531	2.990969	1.724097	2.440319	2.999513	3.146441	0.684824	2.973844
4.106623	5.079835	3.871884	5.052182	4.413926	4.160444	5.020467	5.44055	5.708543
6.333677	3.839691	3.606975	3.130525	2.859349	1.956189	3.608158	1.063098	0.946553
2.287845	2.524051	3.282553	4.070857	3.370762	3.40456	3.608373	3.318284	3.160446
0.405404	0.494352	0.408991	0.405786	0.463075	0.780619	0.520951	0.7496	1.249912
5.814118	5.517174	9.843465	5.815364	9.454985	9.785702	10.0851	8.942159	6.542146
2.969145	2.2805	3.881935	3.702764	3.839142	3.109191	3.996817	3.697951	3.28413
4.769676	4.02974	3.992262	6.150626	4.547018	3.022235	3.334257	4.118904	3.253181
0.326377	0.232466	1.607617	1.703949	1.019081	0.855643	0.248939	1.470718	1.228891
5.459631	5.108866	7.038528	5.695538	3.28231	6.042526	3.487182	5.604061	5.457188
3.112557	2.993665	3.541327	2.45374	3.021952	3.734358	2.971815	3.766672	3.128347
3.917982	3.266159	2.955014	2.897369	5.041779	2.497824	3.848368	1.641886	2.653972
2.703139	2.816811	2.879615	3.655295	3.520064	2.896807	3.728532	2.818727	2.140698
3.928248	3.358645	4.015416	4.096402	2.875258	4.740312	4.256261	4.385336	3.754101
4.787004	4.268113	3.594975	3.504593	4.836171	5.3364	5.224112	3.301175	4.197119
1.376934	3.65295	1.61697	5.553796	2.691654	3.555488	4.143496	2.489596	4.312252
3.24551	3.87156	3.057653	1.398186	2.836906	3.376748	5.157772	2.420034	3.479971
3.908008	4.02546	3.509276	3.458354	3.944413	3.241954	3.698696	2.549424	3.036387
2.299754	1.908418	3.146433	4.163319	3.261931	2.678089	2.888753	3.351128	2.07674
3.556987	3.535412	3.077779	3.282873	3.102846	3.511345	3.164657	3.376906	2.561951
1.44592	2.043078	2.005266	1.140247	1.797213	2.387206	3.243375	1.944299	1.18175
3.094414	2.740474	4.349226	4.527391	4.633253	4.532359	3.728923	3.867836	4.3196
8.727528	7.679388	7.150136	7.577738	6.850278	6.978016	6.666001	6.762735	7.732952
0.494844	1.044052	1.39987	-0.01838	1.241031	0.697966	0.553271	1.424055	0.887116
6.734433	5.333185	5.362847	4.553194	5.19314	5.125537	4.531	5.280016	4.831872
0.089903	0.446406	0.348137	0.37356	0.284449	1.026672	0.463448	0.765055	0.614732
3.183172	2.703807	4.052746	4.39233	4.166086	3.598672	4.155889	3.724623	3.26565
1.942763	2.696753	4.240258	1.138796	1.174042	2.104184	2.781296	3.460793	4.305349
2.11445	2.011725	2.342345	3.237622	2.938584	2.139728	1.880728	1.925129	1.6616
2.909857	3.148567	2.389118	3.645198	4.869233	3.324691	3.986919	2.773866	3.625312
3.515245	2.675622	4.578523	5.516314	4.902628	5.457769	4.116215	3.36032	5.912435
1.723584	0.285975	0.414074	1.095473	1.292652	0.941306	0.844024	0.143775	0.921077
4.503112	4.422691	3.922175	2.90895	4.284396	3.101779	3.439475	2.327107	4.296938
-0.04559	-0.0063	1.356791	0.49167	0.566347	1.170487	1.134945	0.285433	3.765502
5.99689	4.778767	6.149628	5.058278	5.521461	4.43472	3.849141	3.229615	5.33448
1.516304	0.689505	3.009207	3.207586	1.629786	2.085567	1.346968	2.289003	2.002208
3.279188	2.733427	3.719265	3.997932	3.979904	3.421553	3.086451	4.152581	3.350658
2.704509	2.291373	3.462468	2.514388	2.864615	4.307937	2.819335	2.298728	5.428741
5.7147	5.940631	7.277879	3.783726	5.257244	6.143964	5.340092	6.583324	6.422868
4.901692	3.572225	4.024912	2.772943	4.362533	3.772981	4.118871	2.513551	3.642948
6.683464	9.472773	7.005002	6.060131	7.112592	7.986583	7.343062	7.631116	6.205355

3.791943	2.588856	3.719506	3.360984	3.944429	3.20853	2.168947	1.432143	4.636497
1.837319	1.403187	2.83287	2.907431	2.822715	1.603592	1.958118	2.171874	2.206706
4.033463	2.782093	5.081533	4.841851	3.574028	3.407101	2.931877	3.360276	3.118131
0.645769	0.205945	0.651995	1.092556	0.90386	0.701757	0.545023	0.144988	0.637565
6.613534	8.673195	8.420623	7.166946	6.921976	8.388405	8.643329	8.625401	8.320844
4.499343	4.031423	5.702148	5.925905	5.931628	5.359889	5.020078	5.094	4.737198
2.871151	3.027461	7.61057	3.99289	3.470413	2.792196	4.624583	3.049795	5.041471
0.717758	0.568533	0.797484	0.690008	2.11498	1.149723	1.652023	0.615841	1.304268
4.091547	3.856102	5.55675	5.693204	4.919549	4.643258	3.157542	4.260927	3.260318
2.390618	1.718317	1.216001	1.805176	4.376489	1.046399	4.321818	2.673513	1.339453
2.338972	2.419065	1.892465	3.399805	2.884122	2.572247	3.192574	2.8395	2.464774
3.831815	2.765761	3.923836	3.995728	3.264894	3.11456	3.655934	2.530348	2.99634
0.081166	0.079985	0.550515	0.042699	-0.01314	0.372241	0.061308	0.092448	0.071973
0.149704	-0.0346	0.22021	0.042993	0.008473	-0.00679	0.372284	-0.031	0.762388
4.961101	4.743119	2.89604	2.723981	3.556785	4.02944	1.689739	3.079673	2.902888
3.706858	4.160377	3.154972	0.968269	0.469227	4.872281	2.279375	3.108902	3.510975
3.245465	4.071374	3.04165	1.588335	2.507729	2.473746	5.032987	3.025985	3.451233
2.975641	2.612878	3.720876	3.010702	2.277412	3.025819	1.425664	3.467985	2.98962
4.619676	3.788995	4.162723	4.471973	3.89709	3.421565	3.302916	3.336333	3.529992
6.734417	7.270462	7.420157	4.305307	5.423285	6.83935	6.875746	7.14171	7.480278
-0.05326	-0.03372	0.151408	-0.00121	-0.02731	0.007142	0.08119	0.07896	-0.02951
1.151621	0.917018	0.798073	0.654925	4.060829	0.990308	2.166924	0.761694	0.864361
2.812916	1.701141	4.051924	3.131911	3.452221	3.195707	2.790709	3.184791	2.850598
7.362128	6.768005	6.769004	8.287238	6.347283	5.816483	4.913469	7.812333	6.692503
0.067326	0.046852	0.041179	0.327119	0.013145	0.241148	0.036521	0.559614	0.512948
0.227421	0.2123	0.816832	0.979732	1.363463	1.214546	0.321437	0.273926	1.517819
3.618313	3.129392	3.997859	4.511345	4.501132	4.024551	4.675148	3.759573	3.593938
5.882602	5.708733	5.49436	4.550046	4.448231	5.597141	4.266385	5.76988	5.798339
5.337973	4.759205	5.116535	5.824308	5.543183	5.308056	5.303952	5.092249	4.486286
3.203369	4.682896	4.082079	3.950827	4.427742	4.444537	4.957676	4.323814	4.494118
4.082126	4.272249	4.670501	5.514323	4.893632	4.322117	4.031397	3.975608	2.698159
0.81833	1.014062	0.949309	1.590803	1.882543	1.067884	0.953	0.977005	1.788873
4.905595	4.810694	5.783479	5.622554	5.996002	4.916024	5.582453	3.622839	8.007632
0.008237	0.014342	0.016798	0.006771	0.000681	0.028864	0.000681	0.016217	0.008994
6.047299	5.626908	6.911087	7.096447	6.458641	5.024616	6.220742	4.841266	8.101522
3.864896	3.958363	4.808245	4.529723	4.684633	4.391099	3.511343	4.283106	4.134582
5.670933	5.00633	5.102771	5.270265	5.748133	5.221301	4.865939	3.867131	4.765252
2.193394	1.087074	3.599577	3.310826	3.250562	2.819567	1.705219	3.660589	2.876461
5.087985	3.681501	6.165749	5.481837	5.07184	5.212535	3.431538	4.732243	6.400948
1.968185	1.610802	0.781534	2.693828	2.342572	1.78832	1.664658	2.188533	1.704765
0.070373	0.064487	0.034611	0.027981	0.007441	0.210718	0.179646	0.146768	0.155959
5.036949	4.431171	4.271767	6.468302	5.161397	3.86325	3.733558	4.089376	2.697638
0.406201	0.238627	0.599541	0.273413	0.301778	0.423884	0.172304	0.293565	0.241126
0.139712	0.17703	0.130647	0.064304	0.028658	0.503754	0.43467	0.055951	0.158373
8.095631	7.9862	5.773135	4.096593	5.354453	6.186083	3.572981	6.304178	7.280016
4.005427	3.762061	5.389907	3.374168	3.176909	4.904826	3.562212	4.184665	4.261496
1.799486	1.68358	2.512025	1.548698	3.272107	2.483689	4.298104	2.570287	1.619219
1.636863	1.747614	1.515224	2.069274	1.246364	0.880686	0.47947	0.482848	0.630618
6.944489	6.024886	8.890999	7.530092	7.127532	7.157132	7.084966	5.826347	7.63169
0.023746	0.03299	0.072619	0.021521	0.080067	0.054817	0.048059	0.047466	0.049861
2.768874	1.78332	2.190045	1.970735	4.513404	1.917143	2.796855	1.108255	2.351902

3.228438	3.591864	3.049636	2.686166	3.519468	3.376698	3.854793	3.234464	2.304346
6.132402	5.799639	5.838476	5.592843	6.174252	5.031108	7.570376	5.193795	8.011597
0.227073	0.182465	0.519246	0.89137	1.14875	0.277398	0.822409	0.181849	0.277332
0.278732	0.162347	0.095997	1.4591	0.823479	0.182754	0.191142	0.255435	0.090321
4.673116	4.401371	4.005923	6.971197	6.324635	4.237721	4.690024	5.042301	3.237019
5.207053	5.635158	5.645447	4.000029	3.764302	5.445755	5.034267	5.430146	5.176638
0.057191	0.044853	0.496272	0.091626	0.027724	0.048743	0.028729	0.055178	0.138139
10.4733	9.685118	10.02804	10.28347	8.256458	8.822797	7.739266	8.545287	9.428775
5.249314	4.881553	6.186147	5.053275	4.7648	4.661104	4.472223	4.906827	5.195994
2.796189	3.00711	2.768849	1.995852	4.18573	2.749843	2.291658	1.683439	3.652588
6.829154	6.437444	3.860718	5.53456	8.826327	4.996772	8.652414	4.562968	8.627942
4.435544	3.424073	4.057187	2.968759	3.44786	3.368595	3.201652	3.20803	3.177326
3.644984	3.364045	3.550133	4.031177	4.00575	3.008562	3.299697	3.672683	3.146268
1.433741	1.203891	1.672165	1.429008	2.329742	1.177405	2.111412	1.079854	1.738099
0.130039	0.094552	0.033072	0.039269	0.060625	0.068695	0.171669	0.125362	0.115552
0.309821	0.168557	0.668448	2.745344	0.894453	0.988786	0.174329	0.504089	0.263535
6.184892	5.474963	5.456934	4.766004	5.414663	3.966391	6.264619	5.003043	5.357508
2.767856	2.184443	9.082946	6.683174	5.790809	3.038218	2.985289	2.335034	3.227718
4.017045	2.553956	2.925221	3.34453	3.659328	3.432055	3.220655	1.365293	2.220797
2.639448	3.419488	5.650257	3.802213	4.086766	5.017075	5.679782	5.055698	6.026486
1.896825	0.83882	0.278744	2.301208	1.658508	1.90409	1.141007	0.61457	1.112286
3.566425	4.243712	5.244617	3.719857	4.698704	5.635985	5.662504	4.876213	5.694551
0.093786	0.652463	1.029242	1.022059	0.788217	1.115092	1.073997	2.009582	3.093444
2.991668	2.773709	3.753504	3.031317	3.169232	3.338809	3.311071	3.060635	3.272339
1.543359	1.112538	1.350345	4.947998	3.557223	1.11071	1.511223	1.43381	0.743069
1.020291	0.424899	1.332997	0.604517	1.11288	1.212441	1.234193	1.152742	0.171857
5.102339	5.235953	4.444039	3.994266	2.946705	5.891549	3.570274	4.856787	4.113888
4.685711	5.425897	5.36553	5.612108	5.686869	6.173981	6.156993	4.810907	5.840653
1.839302	1.043944	1.284158	1.012688	1.401223	0.637697	1.108555	0.470619	0.737289
3.534471	4.296217	7.154127	5.239884	5.389655	4.886602	5.196959	3.69549	7.145985
7.955651	7.81131	6.390454	5.567082	4.646651	7.539056	8.189008	7.314329	6.191676
0.085357	0.107528	0.413654	0.04296	0.034681	0.316069	0.074612	0.279506	0.112077
2.996798	2.932803	2.797549	2.859706	2.854655	3.338074	3.574152	2.41468	2.877323
1.808783	2.392081	2.907952	2.10362	3.532227	2.579475	2.213063	1.715572	3.213661
1.772533	2.560896	2.624608	2.113867	2.86122	2.569381	4.049428	1.830979	2.762698
4.142795	4.544132	4.376806	1.492159	3.594978	4.374302	3.563236	3.520182	4.113921
1.916739	2.400946	1.506902	0.932472	1.233392	3.315718	0.610615	1.472275	2.596812
1.964962	2.200215	3.184858	1.216921	3.066361	3.624254	4.720912	2.883308	2.379357
4.121539	3.757123	3.962675	5.203363	4.496665	3.13877	3.37401	3.894611	3.020277
9.670921	9.201276	10.16104	8.3236	9.988696	8.950593	7.845691	8.380334	10.65056
5.630049	5.465101	4.852235	2.141434	6.351702	4.351141	5.297971	5.039047	5.029407
5.3709	4.233664	4.400388	4.452608	5.01987	3.716236	5.755122	3.357722	4.350183
6.244234	9.163234	7.265576	6.916525	5.795915	8.34685	6.68357	8.400561	7.346224
3.540683	4.241686	3.492276	2.837721	3.714793	5.260082	2.93544	3.445427	3.39341
3.543753	2.573692	4.237421	3.707175	2.145613	3.545933	1.94494	4.151204	3.283266
0.458354	0.366771	4.132033	0.507901	1.860581	1.426643	0.662465	1.61421	0.411518
2.927922	3.556223	3.125314	3.160406	2.94296	3.051278	3.104039	2.978119	2.073292
4.411067	3.641044	5.102212	2.664282	2.578082	3.942792	4.922887	3.714805	3.342217
3.333218	2.374994	4.170799	3.712844	3.455695	2.841506	2.628093	2.798898	2.264866
0.898067	1.455046	1.165938	1.608204	1.698672	1.649326	1.880047	1.168017	1.161993
5.055097	3.396092	3.40675	3.740015	4.528729	3.160564	3.752891	3.081063	2.977695

1.261958	1.553929	2.72078	1.246585	2.222829	1.504666	1.949213	2.494267	1.311285
3.02296	3.175442	2.869283	2.730273	3.043043	2.017583	2.211445	1.905875	2.928617
3.01932	2.783215	3.867599	3.405471	7.204203	3.1604	3.351677	3.557022	3.103261
4.858518	4.589918	4.145017	4.422188	3.587459	4.388618	3.572278	3.979848	3.960387
1.65728	1.375411	1.251874	4.29155	2.758656	0.957637	1.743346	1.116639	0.500584
5.190871	4.269691	4.857921	5.266575	5.938984	4.306075	4.486398	4.289682	3.981358
2.81585	3.519043	5.277505	2.5435	1.763992	2.287934	3.804663	1.701963	3.174373
4.957788	5.031349	4.971605	4.967387	5.392445	4.493001	5.456418	4.271177	4.582686
4.97345	4.401611	4.116447	4.24104	3.483781	5.073319	4.521471	4.865406	4.3324
4.884173	5.290441	4.268005	4.185137	4.783393	4.450534	4.993345	5.088941	3.810467
3.446582	4.179151	5.311894	3.319527	4.15603	4.738754	4.786736	4.329593	6.330476
5.484374	4.824449	6.308333	6.100863	5.094036	5.259499	5.346975	5.441675	5.025092
5.667226	7.821283	4.789896	7.225558	4.612978	7.034984	5.946609	5.802696	6.919688
5.165437	3.841551	4.672834	2.782734	9.963085	5.093711	5.613684	5.100706	3.762236
4.886982	3.389433	4.629756	4.355393	3.725863	3.370285	3.961271	3.997693	3.440838
5.412397	5.926694	7.862141	6.264984	2.518183	5.97255	5.17822	6.489978	6.903494
2.4829	1.775326	3.423546	3.2819	2.221715	2.110341	2.630077	2.486789	2.438476
3.26035	2.956468	2.856108	3.323547	4.013896	3.074119	2.987294	2.515824	2.947026
2.167799	2.001007	4.44327	3.177754	3.477653	2.699752	2.534529	1.87471	3.273122
2.754538	2.334588	2.84366	2.79168	5.773546	3.341787	5.266773	2.171005	3.565328
0.333918	0.17685	0.130627	0.408857	0.193295	0.518591	0.757104	0.46582	0.225061
5.46136	5.003808	4.834891	5.94559	4.836554	5.145745	5.800469	5.227583	4.120207
4.57389	4.329359	5.441061	3.101359	3.491533	4.654249	4.889514	4.633187	4.819128
6.102868	5.586626	5.662796	5.621358	4.228834	5.760623	5.26753	5.244316	5.395784
0.349017	0.143278	3.250908	0.063307	0.160683	0.681891	0.517763	0.421239	0.331836
1.610783	3.063688	0.743286	0.60391	0.533341	2.809612	1.390537	2.330785	4.037955
4.323606	3.131224	3.807844	4.675773	3.373203	3.297644	3.662798	3.464473	3.555176
4.940894	6.440903	3.687727	4.241467	5.544962	5.06553	5.266175	3.456302	4.637943
1.102111	1.393617	2.001221	2.843383	1.648273	2.176342	2.792403	2.181886	1.481437
3.104178	2.891298	2.911586	3.518573	2.863	3.376698	3.33422	3.41409	3.322719
5.217178	6.086264	7.402941	8.62358	7.66423	7.112517	5.339193	7.213972	6.672982
2.757303	2.453833	2.551423	3.651956	3.296132	2.789593	2.987438	3.101891	2.887548
0.632814	0.250817	0.926743	0.652099	0.688053	0.559344	0.164131	0.624891	0.524549
5.696136	4.441916	4.011653	5.384464	4.628894	3.758134	5.101417	4.627377	4.300703
4.699072	4.420022	4.557745	4.418918	5.143834	3.582046	5.250393	3.865232	3.324247
1.299447	0.729367	2.640962	1.640541	0.495861	2.57987	2.725156	2.881366	0.855029
3.134223	2.386967	2.452817	2.313646	3.887131	2.022882	2.429703	1.334629	1.867507
0.027505	0.016725	0.051044	0.051247	0.080628	0.076439	0.299549	0.266208	0.271884
6.668791	6.455924	5.373084	7.527106	6.281956	4.689685	5.407801	5.595352	4.439066
5.672372	5.512385	5.854544	5.531776	7.434096	4.650965	6.269565	3.33062	5.361029
6.934775	6.433154	6.744953	7.001368	6.334329	6.118721	6.536256	5.061762	7.863978
4.801419	5.485557	4.848609	5.071306	6.091132	6.600077	4.529182	5.270257	6.070096
2.75594	3.120563	3.6615	4.45464	4.849387	2.986954	3.495247	3.864992	4.55686
3.587518	3.200232	3.68712	3.618015	3.488521	3.399344	3.222368	2.629925	2.899776
3.871304	3.272486	3.504626	3.513323	3.428152	3.256093	3.167461	3.77412	3.251803
0.319842	1.25393	0.119279	0.117324	0.038447	0.402833	2.093908	0.387761	0.82424
0.177345	0.081835	0.133484	0.171767	0.158832	1.830359	1.494382	1.023269	0.135026
1.977969	1.903852	0.7495	4.689713	4.725053	1.266539	2.260268	1.786674	0.573985
1.960811	1.518145	1.836397	2.081087	4.697357	1.220654	2.293596	0.935081	2.962514
6.099738	5.717063	7.710381	6.219502	6.195624	7.637086	7.050672	5.76734	6.631877
4.350257	3.539074	3.439108	3.703278	2.236585	3.557766	4.165657	3.591903	2.846868

2.880237	3.711799	4.038988	4.444663	4.533025	4.480101	7.389685	4.649072	3.754234
5.093702	2.918084	3.557334	5.24608	4.657786	3.272097	3.061367	3.951824	4.234516
4.297591	3.94643	4.134412	2.563802	2.785202	3.915836	3.167748	3.186933	3.710233
2.450828	2.518089	3.501666	4.002038	5.014361	3.646554	3.52842	3.049407	2.707943
5.783619	5.925279	5.188838	2.712813	3.603776	6.335506	3.853616	5.209701	3.557597
3.715705	4.494526	4.015418	4.179916	0.231003	5.187863	3.942231	4.495272	3.050351
2.431982	2.289699	2.357397	3.617521	3.202093	2.182677	2.07234	2.95904	2.420792

TCGA-HT	TCGA-DB	TCGA-TM	TCGA-S9-	TCGA-DU	TCGA-S9-	TCGA-P5-	TCGA-HW	TCGA-QH
1.766483	1.453224	0.443727	0.69921	1.276376	0.311365	0.520955	1.181431	0.51921
2.096586	0.571708	1.120332	2.148093	2.185027	1.502669	1.581216	0.941062	1.743039
5.030324	5.832341	5.506629	6.08496	5.082797	4.611832	6.132501	4.491533	5.106735
0.775708	3.787945	6.550736	2.884925	4.789608	3.597782	2.825256	2.42342	6.902738
0.75301	1.289312	1.240379	0.379835	1.797523	0.717985	1.21875	1.999609	0.626131
6.606405	6.359825	6.32504	6.033812	5.888432	6.85571	6.744702	7.12296	7.71021
6.593868	4.914427	5.562705	6.652743	5.857251	6.042504	5.523196	4.798174	5.223784
0.541412	2.261704	1.750823	1.170954	0.485333	0.433094	0.579947	0.723468	0.457564
0.057126	0.430069	0.127654	-0.01901	0.032289	0.003863	-0.01787	0.470486	-0.04414
4.375628	6.499335	4.473311	5.545506	2.902921	3.847917	6.576722	5.16051	5.27728
3.807988	4.555641	4.588732	4.24361	4.195826	4.905697	4.953583	4.211673	4.313838
4.410634	4.151513	2.920783	4.210563	4.058618	2.36219	2.840653	3.499358	2.183865
3.584304	2.039806	1.989769	2.873029	2.542017	2.557341	2.155994	1.632754	2.390522
2.970369	2.896857	2.820913	5.925974	4.631759	5.318858	2.276351	2.514739	3.757382
7.01774	4.922514	4.399819	6.783028	4.934109	4.831501	4.532735	5.414523	5.063189
3.696312	3.505875	2.28752	2.548745	5.564533	4.529385	3.048709	3.262451	2.906937
2.895376	0.34719	1.037808	2.155693	3.274769	2.525711	1.234482	0.79501	1.296008
9.478462	7.323377	8.100066	8.768701	8.487312	9.223979	7.85835	7.920137	8.266189
4.933176	6.172746	4.988496	5.4837	3.230067	3.499172	4.774342	6.768212	4.494229
3.963617	5.082281	2.729537	3.662098	5.29844	4.699342	3.683725	4.400201	4.178004
3.211778	2.901786	2.891833	3.160354	3.939347	2.061554	3.759658	2.41606	2.915578
4.941087	3.398763	3.282099	2.794582	3.011298	2.031349	3.154642	3.352316	3.020505
3.525495	3.820979	1.745859	2.982758	4.020941	2.806265	2.072783	3.206204	3.109477
0.914216	1.166659	0.244689	0.906116	1.480481	4.829965	0.378858	0.860878	0.633933
4.419063	3.827195	2.988274	3.09927	4.122534	3.687317	3.264662	3.912767	3.16458
5.633501	0.860417	1.602376	3.137065	6.096613	4.526121	3.646072	4.073948	2.853515
0.269544	0.86385	1.116818	1.977703	0.489975	0.399052	0.677632	1.245977	0.665733
5.23054	5.128582	4.713459	4.098082	5.738767	5.06109	4.660623	5.210111	3.822451
3.668131	4.229644	4.143584	2.855392	2.401604	2.27616	1.644387	2.885873	2.37397
4.550469	4.677562	4.210916	3.651558	4.65877	3.830297	4.480078	5.071334	3.769085
3.265812	0.436601	1.757098	3.351579	2.710177	3.148051	1.889449	1.398978	3.044129
3.611001	5.230455	4.670069	4.023982	3.595856	6.856086	5.475738	4.03026	4.781743
3.461867	4.393731	5.193671	3.726752	4.685871	4.735182	5.677369	4.120205	5.394952
3.857089	2.688087	2.364651	2.581824	2.358275	2.054637	3.646394	2.018952	2.12946
4.174325	3.938287	4.042702	2.712637	1.740646	3.072138	1.906465	2.303227	1.558706
3.851345	3.328605	2.032985	2.841928	3.045716	2.761	1.910514	2.984507	2.126999
4.246627	6.286	6.156906	4.126698	3.38525	4.729041	5.383271	4.980007	6.25153
4.44807	3.899737	3.881977	7.080669	4.296362	4.611437	4.013557	3.395488	3.738573
6.403868	4.043591	3.60775	5.929383	4.691544	6.150488	4.211025	4.0362	5.595876
0.10766	0.098791	0.092538	0.081454	0.355992	0.325029	0.110357	0.125562	0.070725
2.822368	0.663923	0.649586	1.821678	1.771353	5.972123	0.277206	0.560199	0.794973
2.454805	3.568596	2.703708	3.075942	1.844513	2.565141	3.167629	2.680703	2.124526
4.997203	1.000684	1.393758	3.552888	3.898892	4.139406	2.378271	1.578457	3.364987
1.88569	1.06067	0.489955	1.993645	1.750631	1.032832	0.573251	2.082505	0.936263
0.602348	1.827726	1.367062	1.203941	0.921781	0.867979	0.196592	0.436961	0.344142
13.34518	8.128073	9.246483	10.66255	10.48054	11.39791	9.294626	8.922041	12.0806
4.356212	6.888821	6.380128	5.948747	1.3972	2.182164	6.705737	5.086138	5.809402
4.724021	5.690314	3.205983	5.115559	1.805558	1.881323	4.806025	3.863525	3.393667
0.588411	3.192206	0.681783	0.297077	2.946953	1.341885	0.536883	1.781742	0.934829

1.875718	0.530534	0.995427	2.366246	1.460682	0.511425	0.431438	0.287444	0.140967
0.367901	0.559611	0.534896	0.522025	0.71252	0.274083	0.569426	0.751568	0.621521
1.150306	3.193672	2.29185	1.321706	2.693857	2.033354	2.186655	3.348348	1.924931
3.974071	4.74712	3.80467	3.611273	6.529112	3.827417	5.731997	4.423243	3.981484
4.544121	4.379526	2.70942	3.955869	5.116987	4.034804	4.742599	3.873275	4.62397
1.114242	0.047555	0.070849	0.216703	0.48638	0.340194	0.043159	0.284151	0.229514
0.946087	0.67611	0.441302	0.968657	0.919387	1.388961	0.405982	0.812871	0.825473
6.73178	6.960347	7.64408	3.070606	8.124938	7.986775	4.65506	4.057296	8.653141
6.460428	8.864492	8.495579	7.177885	7.744179	8.655328	9.182165	8.510267	9.367867
3.30556	5.27107	4.048889	2.942314	3.532065	2.592685	4.070373	4.741999	3.582836
3.812136	0.977798	1.053109	2.941082	2.731886	2.770293	1.031013	2.008614	0.95669
2.356521	5.934653	6.397459	4.677799	4.123444	6.951301	6.189376	4.235474	5.333035
5.2729	0.814383	1.741733	2.150975	4.397036	1.100669	0.924257	1.394055	1.792633
4.469908	3.701214	4.033931	3.005654	3.40711	3.049189	3.375737	3.32272	2.618611
0.571218	1.115688	0.721676	1.367542	0.98316	2.199141	0.545729	0.74215	0.895918
8.049122	7.28406	8.730437	8.119519	4.116452	9.289955	10.18623	6.402231	8.500373
4.231535	3.415619	2.441659	3.638566	4.054982	3.350525	2.769472	3.890895	2.439722
3.053753	4.693761	3.252151	2.775878	5.246811	3.569719	3.957298	4.22649	3.514828
0.283355	0.538933	0.690307	0.588414	0.411751	0.262346	0.397205	0.851239	0.914969
7.034115	5.171805	4.89033	5.630702	6.32544	6.059476	3.925844	3.730687	5.14551
3.406151	4.885738	3.847792	3.550847	3.713338	2.69501	3.290619	3.568104	3.164457
4.958452	0.864466	1.676868	3.318089	3.692213	3.892183	2.194956	1.962328	2.667165
2.77945	3.963778	2.744943	3.594947	4.503103	2.821974	3.177919	3.822853	1.986544
4.271642	6.196445	5.154117	3.905996	3.048005	3.282397	4.447759	4.044541	3.580972
4.27868	5.72848	5.7392	4.349426	5.968852	5.503888	4.46868	5.144726	4.857433
2.241246	3.530445	2.627643	2.122814	3.387634	2.641963	2.151237	3.980457	4.993834
4.184325	1.439343	3.070254	4.446606	2.730293	4.215471	3.882467	1.487312	3.710509
4.524442	2.15738	1.697737	5.603564	4.085573	4.583196	2.439522	2.595337	2.636879
3.252881	3.405776	2.211584	2.704838	3.796622	2.512162	2.479393	3.461875	1.827099
2.375963	4.171375	3.544057	3.673254	2.954393	2.575422	3.269772	3.736379	2.688734
2.263282	2.331235	1.644937	3.298917	2.536821	1.480755	2.174345	3.311368	1.312624
3.585466	4.110497	3.523298	2.9235	4.445333	3.874142	3.899383	4.034661	3.702703
6.619785	7.979686	7.795292	7.043897	6.73014	7.182768	8.697576	7.198265	8.077791
0.891426	1.499035	1.301607	1.252536	2.194372	0.785322	1.28123	0.782185	0.650842
4.198247	5.384925	3.698394	4.790377	4.774142	4.619335	6.019024	5.411382	5.350229
0.229137	0.600042	1.104478	0.231123	0.48521	0.64708	0.354999	0.398799	0.494566
3.618053	3.879641	2.953848	3.381561	5.224632	3.341276	3.259966	4.012466	2.819584
4.542185	3.676479	2.824985	3.586286	6.489401	1.042251	3.870265	1.705587	3.183243
4.258456	1.760507	1.484967	4.475766	4.656165	3.02445	2.137069	1.926635	1.956586
4.861748	2.979302	2.76504	4.428523	3.092014	4.601762	2.952765	2.979527	2.248267
5.560326	4.750311	1.973299	7.801055	5.063363	5.745178	1.643756	4.89396	3.562359
1.478042	0.158858	0.156663	0.288999	2.096655	0.329329	0.083868	0.44677	0.317083
5.106348	1.285291	2.536957	2.771586	3.452207	4.189513	3.427527	1.924469	3.843835
1.592412	0.04614	0.052066	3.615377	0.086094	3.267193	0.202732	0.62485	1.462828
7.01587	1.523958	3.18899	4.288805	5.049318	4.488334	3.923106	2.475026	4.290479
1.682281	1.740805	2.583881	1.319981	2.091153	1.535196	2.089354	1.845983	2.003092
3.64389	4.542573	4.469388	2.69278	4.105551	3.456277	3.538334	4.044905	2.828254
4.431283	3.266161	2.831656	3.179614	2.698999	3.535918	2.344897	2.076253	2.574805
6.736041	6.003483	5.267391	6.968426	5.444265	6.939116	6.788307	7.122609	6.171628
5.607555	0.56105	2.022202	4.278254	3.627472	4.114235	2.212776	1.556113	2.259474
5.253783	6.228103	6.282769	6.199228	5.278721	6.177042	7.24024	7.29968	8.559924

5.289047	1.218633	0.92044	3.731613	3.63469	3.056426	0.949921	1.586658	1.708814
1.332165	1.925207	2.115686	1.152917	2.173805	1.850221	1.499155	1.819193	2.20799
3.6087	4.298533	2.957656	3.307538	4.377774	2.859448	2.959065	4.11007	2.769967
0.126431	-0.00292	0.11605	0.598605	0.783374	1.189386	0.319232	0.118804	-0.0017
9.665583	8.27201	8.486445	7.734967	7.13362	7.252243	9.584566	7.557672	9.059609
4.49914	4.632726	4.098177	3.816895	6.071179	5.343892	3.903357	5.285285	4.256936
2.783829	2.700695	2.276613	2.688998	3.592608	6.431235	3.220163	3.222948	3.106749
1.722581	0.495983	0.639285	2.21929	2.304506	1.241676	0.467216	0.582426	0.281501
3.146796	6.268798	3.833258	3.686751	4.587422	4.464607	2.750353	5.408574	3.913843
3.705067	0.256268	0.68786	3.654334	5.29256	4.511232	1.67854	1.278339	1.372077
3.202884	3.275702	2.476234	3.456829	3.843562	2.727369	2.33857	2.910241	2.330275
5.111272	3.189894	2.72007	3.302827	3.863404	3.393272	3.262186	3.351091	2.694994
0.009124	0.721545	0.496229	0.129122	0.007498	0.010798	0.165603	0.161737	0.035634
0.187631	-0.04207	-0.04263	1.967173	0.057119	0.056554	0.045984	0.03119	0.193421
3.484923	1.538434	4.081497	3.421666	3.968042	4.299402	3.496635	2.558556	3.211065
3.935664	3.787102	3.316671	5.053031	3.205409	3.085717	6.043267	2.631348	4.178639
4.373231	0.912093	2.818238	4.446796	3.431911	2.660398	2.805043	2.558477	3.743054
2.631576	3.355343	2.712755	2.526605	2.345169	1.84653	2.85411	3.762081	2.65214
5.127044	4.868221	2.801135	3.966448	4.156138	3.698382	3.239955	4.311361	3.580564
4.871505	6.289805	6.753558	6.87504	5.506585	6.039775	8.245475	6.049002	7.433592
0.019755	0.139814	0.134122	-0.03059	0.147798	0.26494	-0.05326	0.117876	-0.05326
1.955704	0.467086	0.740711	1.264401	1.578823	2.294523	0.49146	0.65262	1.114194
3.893102	3.113902	2.925551	2.851371	3.528288	2.007447	2.639215	3.758411	2.634785
4.326336	8.089248	7.234041	2.605504	7.778018	6.473802	6.794075	6.131783	7.696117
0.130156	0.103979	0.175757	0.364893	0.302943	0.307054	0.021296	0.072453	0.063982
0.500663	0.392661	0.475826	0.260626	1.512289	0.742368	0.044888	0.190785	0.136927
5.394754	4.942186	3.616097	5.044549	5.302169	4.174512	3.37341	4.994711	3.476556
5.488981	5.823628	6.852922	6.004907	3.709698	5.488824	5.731493	4.623486	5.51178
4.922217	5.64336	5.765297	3.676669	5.512633	5.066104	5.721564	5.788567	4.839567
3.944863	4.477006	4.425302	4.845164	4.068153	4.048745	3.990948	3.97544	4.712123
3.964535	4.326306	3.345493	5.910853	6.655197	3.594442	4.527825	4.702552	3.435444
1.023285	0.692924	1.170204	1.556103	1.35178	2.722189	1.115369	0.988567	0.789927
5.156991	3.669482	1.753275	5.445856	5.208245	5.597628	2.229079	3.860584	4.101424
0.007097	0.172148	0.066473	0.000681	0.018483	0.000681	0.000681	0.000681	0.000681
7.380549	4.511423	4.62833	6.87645	7.027424	6.624105	4.711663	4.551117	4.967369
4.326301	5.021466	3.694131	4.589285	4.237398	4.484721	2.585685	4.679731	3.560484
5.998296	3.506319	3.555618	5.639097	5.54412	5.552517	3.001425	4.23652	3.888456
2.065859	2.514355	1.957518	1.985345	2.717604	1.571917	1.541615	3.12618	2.591114
7.395478	3.718661	4.724292	5.058618	4.815919	3.638005	4.781715	4.116631	4.447008
2.042378	2.28826	1.068045	1.806511	2.292679	2.071427	1.668662	2.394438	1.688051
0.050438	1.33303	0.852456	0.007441	0.007441	0.007441	0.034572	0.077921	0.078016
3.933346	5.252408	4.246643	3.191708	4.301684	4.157434	4.047941	5.180255	2.861206
0.296512	0.366527	0.248763	0.220378	0.659362	0.131505	0.337696	0.238601	0.420261
0.665748	1.041598	0.191895	0.825837	0.168729	0.185843	0.088461	0.243278	0.398414
5.162229	5.739585	6.482737	8.543566	6.466111	5.537176	6.000276	5.126566	6.923716
2.825008	3.22268	3.658031	2.225447	3.516517	3.187481	4.692983	4.099846	4.297593
2.688353	2.766698	2.327883	2.157093	2.927923	2.108133	2.453677	1.846396	1.510128
1.835662	1.018049	0.779468	0.459742	0.941605	2.289177	0.339563	0.813246	1.968972
9.76241	5.990227	5.994858	7.058612	7.62595	8.675205	5.840065	5.345113	6.662494
0.797766	0.041824	0.08297	0.024325	0.117341	0.027976	0.084297	0.012251	0.091163
4.423072	0.706197	0.733307	3.241276	2.999553	4.171162	1.35969	1.271741	1.305029

3.402787	2.607437	2.447331	2.823224	4.099261	2.8532	3.179021	3.423462	2.197795
5.784238	4.823176	4.600314	6.253586	8.00978	6.720031	6.589941	4.292071	5.739763
1.292159	0.270402	0.386674	0.36443	0.426437	1.14266	0.133152	0.274192	0.423734
0.196722	0.815695	0.209695	0.101906	3.152146	0.347827	0.082551	0.531349	0.202432
5.866195	5.48718	4.433692	3.139224	4.644253	4.725218	4.992231	5.4989	3.986308
5.079882	6.500436	6.330065	5.145728	4.206421	3.828354	5.171449	4.743556	4.976394
0.051073	0.036758	0.094487	1.314153	0.08265	0.016271	0.05656	0.108308	0.120528
8.201474	9.429912	9.206533	8.164438	8.453607	9.713123	9.631298	9.445552	9.88689
4.950899	4.443908	4.345872	4.370943	4.027053	5.008367	4.830476	4.514483	4.856794
1.683465	0.517794	0.956677	1.034602	3.868791	1.094032	0.773202	0.884267	0.383087
7.438432	5.870731	5.022171	8.749562	7.658253	10.15156	7.066256	4.189808	5.977013
2.309233	4.092575	4.06958	3.446874	3.755365	3.165456	3.938743	3.866502	2.889201
3.459415	2.952315	3.644042	2.206106	4.82732	2.879853	3.793481	3.002876	2.770711
2.25194	0.964773	0.649721	2.08546	2.136624	2.573792	1.076238	0.868158	1.145435
0.059017	0.072446	0.0523	0.080876	0.129895	0.043592	0.105265	0.111309	0.075766
0.558392	0.629	0.977274	0.667545	0.428253	1.808794	0.430731	0.386506	0.223098
5.933099	3.967527	4.47568	4.607825	6.725446	5.572695	6.336999	3.267663	5.711531
4.563861	3.63424	3.03015	4.039075	5.950449	7.981212	3.175297	1.532605	2.047545
5.090283	0.834669	1.684993	4.81388	4.977916	3.790725	2.700955	1.735319	2.91236
5.769813	5.44231	4.363897	6.105678	4.091326	6.929106	4.711446	4.840902	5.49543
1.383507	0.161042	0.408369	0.188714	1.793769	1.088344	0.220413	0.472352	0.732409
4.210214	4.836309	5.080863	6.582872	3.669795	7.492002	4.808028	5.106854	4.823909
0.068573	1.22918	2.439757	0.726971	0.586319	1.169721	1.009492	0.802963	0.815407
3.008466	3.286121	2.952995	2.489494	3.229061	2.872298	3.446329	2.944764	3.051166
1.4051	3.435328	0.84127	0.711969	2.824175	1.906094	0.974865	1.98558	0.884273
2.323356	0.6403	0.172451	1.367118	1.176533	0.555349	0.377159	2.556	1.177103
3.182627	4.531179	3.740566	3.811803	2.580697	4.209744	5.279054	5.191164	5.314574
7.070783	4.627266	4.660187	7.40536	7.916347	6.176202	5.078397	4.9407	5.799939
2.509126	0.374686	0.480671	0.948515	0.996871	1.687843	0.558066	0.552109	0.83789
6.083954	4.125804	2.255148	6.865153	5.388881	6.051845	2.846008	4.231261	3.625754
3.731721	6.155569	6.903079	4.550658	7.127659	5.820981	7.619821	6.412434	7.27217
0.06928	1.70643	0.240366	0.45015	0.082563	0.090134	0.109746	0.327455	0.159783
4.10347	2.510266	2.8078	3.152232	3.341889	2.982788	2.781159	2.86034	2.503737
3.210069	0.383278	0.998625	2.36207	2.770251	3.04416	1.788099	2.402683	2.531878
4.369983	1.936676	2.24219	4.042724	2.813472	3.8219	3.019809	1.866929	2.209108
3.452275	2.233245	3.260139	4.050074	3.762674	3.850458	3.540413	2.957	3.928986
0.68014	0.543608	1.544037	0.385722	1.153837	1.933064	1.604201	1.834205	2.300316
2.039495	1.46981	2.836961	2.512514	4.079825	2.671361	3.355026	2.6902	2.872528
3.853498	3.621691	3.172391	1.860049	5.185409	4.153702	3.505233	3.160868	3.786972
10.21069	7.980523	9.069091	10.77288	8.419591	9.943612	8.963473	6.634686	10.70499
3.061386	4.352264	4.521449	3.627313	7.147543	5.641549	4.753573	4.114873	4.42836
5.829374	0.722706	2.529937	3.112356	5.531021	3.720152	3.455141	2.658931	3.56466
5.499705	7.948971	8.392287	7.160802	4.243828	4.59787	7.952778	8.618798	8.329368
2.899512	3.762448	3.789809	3.316342	2.643908	2.692253	2.874373	2.494024	3.53428
2.133535	4.053785	2.918816	1.466704	2.181643	1.911621	3.209659	4.063054	3.179793
0.523819	2.208309	1.970485	0.508768	1.500941	2.910703	0.857171	1.92816	0.40774
2.621907	3.902286	2.520331	2.623371	3.495499	2.569999	2.799919	2.94698	2.240351
3.984932	3.041073	3.935316	3.334161	3.211308	3.153205	6.17674	2.841554	3.290621
4.720312	3.45421	3.445549	2.82922	4.129783	2.892127	3.442969	3.399774	2.40981
3.477742	2.167778	1.24628	3.298832	1.927775	1.861175	1.430772	1.323867	1.421995
5.111337	3.871903	2.111743	3.420287	4.658724	3.216122	3.043988	3.825359	3.208885

1.61736	1.995358	1.568654	1.984451	2.136731	1.36458	1.885941	2.505231	1.365744
2.322449	2.153684	2.888116	2.665656	4.202237	2.884289	1.758846	3.775781	3.23726
3.173498	4.001487	3.587744	2.909614	3.372449	4.113052	3.531031	3.44226	8.454562
3.83444	4.403735	3.378944	3.605578	3.564431	3.867607	4.260794	3.839762	4.480826
1.609615	2.784313	0.809814	0.578896	3.542692	2.435846	1.00394	1.675097	0.930038
3.887583	4.55413	4.225552	3.285787	4.968702	5.072916	4.294065	3.84589	4.520716
5.248981	1.821941	1.351726	6.857288	2.652342	6.345611	1.931647	1.647816	2.509437
5.690337	3.532921	3.591293	5.320481	6.504377	4.652312	4.830815	4.080875	4.167152
4.905261	4.759342	4.554835	4.243614	3.988984	3.636974	5.109364	4.844604	4.074337
3.879209	5.526903	5.050035	4.641452	3.599551	4.255625	4.935484	4.248784	4.242296
3.357333	4.553423	4.204318	4.855685	3.783055	7.379694	5.442533	4.734384	4.858868
4.968123	5.664116	5.392938	5.272331	4.948266	5.318223	5.528709	5.154983	5.361137
3.338015	5.039431	5.321828	4.567013	4.648486	4.04171	3.789479	6.795456	8.128447
2.859136	4.91847	4.423762	2.032795	2.711314	8.451999	4.586166	4.802065	4.330358
3.681173	3.434035	2.224626	2.892754	4.788119	3.647416	4.065623	2.786888	3.900597
5.274127	6.5585	5.770894	6.243228	2.310979	6.451044	6.077863	6.039982	6.005477
2.682751	2.155662	2.062654	3.08287	2.626502	2.301876	2.357421	2.69579	1.65254
4.250346	3.113909	1.769693	3.077748	4.267457	3.881808	2.785355	2.120185	2.514438
3.809251	1.6467	1.453935	2.528563	3.453921	5.528826	1.768404	2.299607	3.110998
4.027446	1.646046	2.495491	3.096277	5.16436	5.756071	2.715573	2.2325	3.155485
1.165213	1.302205	0.191886	0.607271	0.190881	0.248316	0.105955	0.177612	0.191214
3.94963	5.442424	4.522734	3.961758	4.75786	4.375105	5.92844	5.493995	4.366505
4.22709	3.55894	3.855227	4.32412	4.277134	4.20769	4.318443	3.835419	4.77797
6.113968	5.730364	4.597908	5.715809	4.871974	4.956441	5.545086	5.896739	5.241484
0.377164	0.409618	0.394228	0.187319	0.750289	1.077385	0.061825	0.160631	-0.14226
2.893513	2.195077	0.97127	4.476062	1.501045	7.982032	4.252866	1.321294	2.663045
2.18975	4.232967	2.501827	2.040991	2.850407	2.931148	4.246492	3.989281	3.268944
7.234462	0.495271	3.03133	8.548056	5.586335	6.4785	3.460627	3.895661	4.564649
0.653535	1.12192	2.238628	1.811074	2.11579	2.318283	2.023272	2.052342	2.09803
2.768147	3.484869	2.486173	2.423322	3.736249	2.40631	4.299609	4.47954	3.256718
3.659243	7.765729	5.993096	5.83876	5.924622	6.548598	6.503134	7.816727	7.377103
3.842425	3.682571	2.578623	3.188368	3.186639	2.296679	2.291982	3.95888	2.332976
0.797833	0.636102	0.56629	0.327353	0.384518	0.254146	0.757316	0.836691	0.335173
5.147903	4.741219	5.572927	5.043549	5.118095	5.190862	4.363689	3.632119	3.677906
4.795322	4.436039	2.856044	4.460096	3.461577	3.885158	3.854203	3.809368	3.020271
5.3747	5.172969	5.074134	3.522199	2.395483	0.828115	1.180513	1.4998	0.905581
3.75385	1.128656	1.292932	2.505936	4.381694	3.844385	1.658226	1.734441	2.031484
0.183378	0.289419	0.362367	0.126951	0.175544	0.117596	0.274573	0.03398	0.134414
5.287937	5.343691	5.291981	4.000102	6.072852	3.428106	6.066188	4.890811	5.611845
6.787903	2.543412	3.498549	4.698379	6.736896	7.820554	3.833018	3.61432	5.726481
9.001382	5.388728	6.052886	8.037432	7.841053	6.605347	6.877518	5.753087	6.047562
5.268625	4.519395	4.377757	5.484458	4.493034	8.254189	6.156305	5.697363	4.553162
3.273056	3.285255	3.450696	2.321264	3.494108	4.612753	2.808454	2.859256	3.808148
3.33857	2.516661	2.628519	2.65396	4.652331	3.000555	3.139861	3.460534	2.540528
3.286821	3.722719	3.936171	3.708443	2.910219	3.042782	3.800457	3.529708	3.400252
1.900356	0.140726	0.064429	0.298235	0.227725	0.364649	3.297853	0.078086	0.537545
0.09567	3.017254	2.755985	0.098939	0.316382	0.370479	0.232217	0.590568	0.214592
1.34317	4.465752	0.523815	0.446274	4.134696	2.866335	1.34048	2.816544	0.874301
8.588161	1.301487	0.850969	2.494225	8.048543	5.12252	0.767526	0.947734	2.225774
6.81318	5.601028	5.658013	6.201791	5.648452	7.929068	6.784927	5.911606	6.720945
3.958031	3.391557	2.953845	3.763255	3.771793	3.48811	3.862205	3.244241	3.722837

3.504503	4.821893	4.300031	4.576807	4.006817	4.648949	4.574428	5.058716	4.134991
3.140053	3.905388	4.767165	3.116728	3.80596	4.070555	3.373805	3.308377	2.718679
2.704375	2.584422	3.557883	1.580393	3.314794	2.592681	4.493139	2.925054	4.604565
4.70633	3.128231	3.403056	3.624282	4.213587	3.574502	2.968993	2.855546	2.184499
2.649984	4.416286	5.387546	3.186051	3.870381	4.779756	4.961297	4.923058	5.904301
1.922603	4.992078	2.303072	5.018348	2.89038	2.662888	4.136534	4.796567	4.941798
2.790136	2.295048	3.077505	1.788008	3.412762	2.162107	2.609391	3.15077	1.519791

TCGA-E1	TCGA-TQ	TCGA-HT	TCGA-TQ	TCGA-E1	TCGA-DH	TCGA-P5	TCGA-HT	TCGA-CS
0.483905	1.502198	2.164624	0.778775	0.882586	1.232525	1.019786	1.020186	0.351002
1.619959	1.886882	1.369472	2.637868	1.391795	0.818261	0.437515	2.908547	2.284963
5.730145	4.90102	5.395017	5.17286	5.668032	5.64606	5.525216	4.85288	5.132043
5.019236	2.71954	6.168595	6.35072	3.673532	1.417079	3.421166	3.985197	2.68045
0.909311	1.29042	0.921324	1.182806	0.928675	1.201327	0.473271	1.213687	1.403922
7.603913	7.439368	7.787736	6.551732	6.825296	6.87528	7.289355	6.461737	6.677538
5.817221	5.497452	6.616153	6.080066	6.02576	6.86316	6.891841	5.991842	5.271298
0.798625	0.587551	0.516485	0.67453	1.660103	0.572278	0.507445	0.724404	0.657883
-0.09547	0.140649	0.025376	0.051493	0.290363	0.214399	0.160838	0.054883	0.231638
5.530088	5.728805	4.875887	5.747174	5.53599	5.610556	7.014767	5.483678	5.146208
5.151754	4.779126	5.104505	5.384636	4.774164	5.306346	4.836915	3.938201	5.370112
2.133675	3.112959	2.101637	3.367671	3.665194	3.740994	3.396735	3.235593	2.930566
2.353723	2.531629	2.546212	1.617241	2.020115	1.264391	2.001077	2.54678	1.77112
1.913232	3.000991	5.565463	2.150448	6.038364	3.480175	3.635152	3.410771	3.476526
5.619971	5.980015	3.879848	5.724883	5.166194	6.40319	4.871062	6.095598	4.965627
2.208743	2.446554	5.168597	3.073713	3.034271	4.176457	2.95503	3.028232	3.130489
1.043222	1.763783	1.381182	1.908382	0.904928	1.06454	0.636724	1.932107	1.187147
9.059292	8.976006	8.914984	8.035638	8.459922	8.101312	7.359632	9.120752	8.345406
4.789378	4.771252	4.409194	5.20539	4.243726	3.527524	5.119301	5.301878	5.855606
3.41077	4.414997	4.832061	4.270121	3.584703	5.388796	4.009598	4.299287	4.021301
2.855914	2.423115	2.633303	3.135386	3.412722	3.444407	3.388058	4.172609	3.218749
3.8278	2.806577	1.814904	3.267292	2.971561	3.126448	2.703187	2.816987	3.182918
2.786309	2.688584	3.513112	2.903201	2.547307	3.019757	3.0228	3.306659	2.954624
0.186669	1.00728	2.440152	0.404742	0.441451	0.988937	0.339844	0.346456	0.595336
2.246238	3.108902	5.110682	2.722965	3.88371	4.524355	3.348761	2.749303	2.686279
2.738346	3.081133	1.894008	4.464159	2.226776	2.637123	4.75984	5.306415	3.25988
0.815168	0.867259	0.681212	1.257058	0.685885	0.374892	2.500926	0.73049	1.114577
4.71649	4.86674	4.792822	5.100241	5.350963	5.353313	4.551122	4.036126	4.59788
2.222409	1.844801	2.226341	2.335116	3.76334	2.988992	1.765799	2.597805	2.782391
4.711404	4.609273	4.663702	4.442157	4.104773	5.373326	4.946779	4.512507	4.339089
3.051998	2.644123	3.44255	3.528801	2.420095	3.430407	0.673244	4.094586	2.896255
5.001949	3.874055	4.114647	4.359902	6.288959	4.019511	5.374298	3.95053	4.755172
6.092037	5.026034	4.278269	5.291978	5.526963	4.189516	3.956151	6.94929	5.040307
2.044294	3.792391	3.263601	2.667593	3.726793	4.204448	2.638008	2.669929	2.828111
2.055078	1.845701	5.071745	1.977002	4.320572	2.801375	3.390671	3.186244	2.235083
2.24166	2.7487	2.239852	3.361699	1.933957	2.02956	2.448839	3.05211	3.094627
5.524934	5.890632	5.9176	5.153306	5.580601	6.009375	5.532313	5.14167	4.841541
3.747186	4.45817	4.899274	4.976937	4.390964	5.088722	4.5451	3.976398	3.530299
4.881899	5.11761	4.469456	6.034484	4.925369	4.181877	5.370838	5.758349	4.787224
0.076862	0.087517	0.096211	0.116776	0.124705	0.076953	0.140914	0.097274	0.124498
0.545717	0.688712	3.453184	0.474625	0.745635	0.851872	1.426678	0.606259	0.435606
2.31452	2.891579	3.106218	1.940136	3.75565	3.163206	2.070337	2.482038	2.276729
3.071105	3.600945	3.382301	4.418927	2.648888	1.869323	0.842234	4.198746	3.855165
0.968463	1.330285	0.80524	0.927456	0.693712	0.735353	1.372276	1.421828	0.406518
0.575683	1.113674	2.142678	0.368209	2.886463	0.626536	0.392491	1.038112	0.664154
10.78052	10.20196	12.58428	10.16633	10.43409	10.51428	9.918693	11.49849	11.08963
6.168129	5.575511	3.503406	5.246726	6.320075	4.952827	6.648932	5.983026	5.756045
2.716564	3.83863	3.926033	3.582582	4.834619	4.492772	6.002957	5.294585	3.54966
0.318505	1.504094	2.13828	1.541127	0.455677	3.569328	0.960865	0.893707	0.540054

0.835422	0.472776	0.221758	0.42454	1.084165	0.215652	1.994627	1.509321	0.826098
0.431424	0.49966	0.422326	0.875504	0.529492	0.120909	0.56728	0.542704	0.743157
2.210973	2.167406	3.172002	2.366828	1.522847	1.940225	1.988867	1.92847	2.420439
3.901874	4.810677	5.359047	3.542702	4.566076	6.49556	4.099759	4.416295	4.039714
4.32118	4.560936	4.69454	4.296452	3.404174	4.245925	5.147384	4.703177	3.954204
0.176583	0.246222	0.340678	0.567749	0.116698	0.15846	0.069053	0.864712	0.232981
0.777907	1.278705	4.008252	0.62243	0.724975	2.0202	0.834191	0.654897	0.419079
8.808447	9.250525	7.610977	7.104851	7.579103	5.249709	6.376631	7.791756	8.162869
9.257411	8.175867	9.558611	8.031435	8.128009	9.115377	8.901377	9.625141	8.008779
3.338851	3.92659	5.821684	3.81084	4.89156	5.818176	3.720919	2.834334	2.66273
1.396524	1.324404	2.685413	1.979131	1.220708	1.872242	1.403409	2.904177	1.72311
5.788415	5.540128	7.949902	5.133312	6.485878	6.250346	4.448771	3.756135	5.092455
2.422258	1.267252	4.308917	1.600849	2.734085	2.312777	0.56393	4.538708	1.219036
2.129898	3.100686	4.727859	3.579926	4.384937	2.259507	4.089782	3.086296	3.107399
0.98804	0.51146	0.476676	2.405931	1.080745	3.524406	0.570439	0.934244	1.438281
9.980381	10.06193	8.097285	6.665181	10.30316	7.634426	9.378124	5.044454	9.600358
2.751009	3.560273	2.891681	3.539735	2.324221	3.306563	3.013081	3.111753	2.617796
4.00559	4.685702	5.9782	3.817131	3.337824	5.179222	3.194922	3.096058	3.801996
1.211071	0.495779	0.970893	1.354437	0.783921	0.590505	0.999188	0.559775	0.684024
4.83535	3.449593	5.827107	4.144924	4.935935	6.409374	6.72329	5.498552	4.436106
3.09495	3.020267	3.215757	3.259431	4.182784	3.785298	3.578312	3.590884	3.385119
2.898411	2.876139	3.247759	3.352426	2.088581	2.57805	1.869587	3.792413	2.708201
2.559928	3.043951	3.083013	3.505077	2.29308	3.701593	2.666929	3.017294	3.433711
3.443859	3.925093	4.280667	3.044105	5.939928	4.565243	4.187176	4.138367	4.039388
3.541057	3.006565	6.369594	3.209058	7.446811	1.640305	4.5045	3.86203	4.135531
0.974458	3.658887	4.113382	3.385826	3.193157	1.652482	5.110872	2.705456	4.514929
3.703266	3.158699	3.652624	3.17971	4.449716	2.800489	2.509257	3.764733	2.598519
2.330749	4.084534	3.128653	4.03155	2.967833	3.869739	4.112485	3.751603	2.575855
2.117083	2.908907	2.552873	3.301166	2.09909	2.38237	2.463473	2.754903	2.999491
2.433814	2.620229	3.021603	3.175292	3.168603	3.333677	2.800944	2.742368	3.641576
1.489333	1.65441	2.039883	1.889162	1.974576	2.214228	1.3348	1.703919	1.815413
3.763999	4.2467	3.806033	4.970897	3.906248	4.359756	3.973832	3.082488	3.100091
8.501075	7.678659	8.900592	6.588649	7.328926	8.767926	7.605992	6.317656	6.929476
0.704852	1.168202	0.287154	1.537089	1.092375	0.72528	0.809193	1.294791	1.253251
6.240156	6.059703	5.622686	5.188836	4.502757	7.04387	5.990556	4.722111	5.169162
0.390195	0.200483	0.720006	0.536609	1.842629	0.764629	0.790899	0.179044	0.704844
2.550648	3.682357	2.522942	4.34999	2.76304	3.763986	3.605587	3.012089	3.464456
5.759176	4.157816	1.380312	3.382027	2.192077	7.457125	1.661925	2.468531	2.702727
1.522551	2.373018	2.355771	2.493497	1.575853	2.482195	2.962427	2.453914	1.839389
3.119209	3.839266	3.931779	3.495184	3.013864	5.949505	3.432667	3.031786	2.527651
3.803704	3.670664	6.156071	3.751286	4.784549	7.215469	5.984895	4.167375	3.285521
0.25784	0.148353	1.253236	0.362618	0.224661	0.32771	0.136716	1.210599	0.202852
4.392073	3.432885	4.349825	4.0112	3.268957	2.956777	1.621162	3.939802	4.631537
0.28561	2.841996	0.998705	1.829769	0.30929	0.539893	0.048528	1.213747	0.696415
4.448922	3.788361	7.150581	3.370896	4.122404	4.6794	4.377876	5.938431	4.256669
2.016123	2.275439	2.225037	2.983296	2.320769	1.328644	1.837569	1.376939	1.368679
2.848511	3.429532	4.162218	3.773483	4.175052	3.525509	3.490898	2.125784	3.700013
3.512702	3.372694	3.536866	3.215248	3.368972	2.786165	2.461587	4.175316	2.915348
5.05003	6.504549	6.621183	6.809225	5.717346	5.752025	5.998342	5.711804	6.701393
3.007607	3.344155	3.331432	4.527736	2.991001	1.870273	1.593951	4.356969	3.228056
6.983349	7.157579	5.48568	6.714632	6.516886	5.664665	5.387436	8.549837	6.041694

1.495803	1.933336	4.48604	3.712067	1.567729	4.472303	3.292106	3.382547	1.488028
2.740703	2.017447	2.513945	2.408584	2.392962	1.544506	2.145309	2.134342	2.24187
1.031253	2.477672	3.897388	4.004756	2.477333	3.03949	4.50168	3.582825	3.545374
0.596279	0.570453	1.154137	0.180471	0.246138	0.000534	0.12349	0.02855	0.207099
9.284341	9.349699	7.890584	7.89029	9.111785	8.398616	9.124249	6.929254	8.630752
4.068347	4.093599	5.445819	4.132002	4.396926	4.473699	3.701067	4.357315	4.043241
3.115208	2.891548	4.462081	2.414368	2.496818	3.08025	2.312756	2.830185	2.208459
0.418088	0.62957	1.13611	0.660139	1.151665	1.83411	0.654858	1.200385	0.614897
3.846007	4.412276	4.169555	4.379382	3.603685	6.21872	5.010586	5.181528	4.669879
1.616331	1.671517	3.155807	2.470913	1.494643	1.257899	0.671844	2.754836	0.937004
2.427097	3.094955	3.447201	2.590812	3.032917	3.008251	2.839112	2.488615	2.238819
3.175702	3.401696	3.08722	2.965461	2.625751	3.61036	3.555299	2.287386	3.079914
0.075309	0.044501	0.28533	0.169248	1.035794	0.369202	0.100235	0.148779	0.218806
0.071208	0.065725	0.003462	0.589041	0.13104	-0.00283	-0.02584	0.303917	0.143748
4.525525	1.131706	1.900818	3.94261	2.311173	4.268708	4.83938	4.308256	2.76919
3.064158	4.963699	2.005785	5.220666	3.124172	4.935485	3.750602	3.211379	2.956633
4.198339	4.20005	1.491501	4.485825	2.598094	1.252609	0.840506	3.523385	4.125664
2.622707	2.700395	1.77877	3.535443	2.243642	2.55467	3.441619	2.82035	3.276671
2.144163	3.175143	4.064713	4.536974	3.493495	3.213835	3.622424	5.137864	4.951708
8.602584	7.228106	5.981112	6.648419	7.296155	5.245157	6.633553	6.761777	6.677573
-0.00887	-0.05326	0.434976	0.00535	1.079066	-0.0359	-0.00122	0.160271	0.013846
0.644573	1.166967	2.886099	1.318993	0.588697	1.680739	0.599812	1.150153	0.423839
3.031202	2.845888	2.20815	4.721492	2.149685	2.59926	2.890669	3.07544	3.278369
7.249498	7.555432	7.457978	5.856528	6.616299	6.827874	6.897889	5.989145	7.139271
0.038604	0.111871	0.04436	1.040416	0.067934	0.03316	0.087723	0.056374	0.134503
0.501436	0.095486	0.880277	0.884059	2.208167	0.367796	0.320246	1.989537	0.18382
2.847871	4.463201	3.772065	5.126251	3.261284	4.840664	4.482576	3.963406	4.483788
6.052853	5.14015	4.88048	5.125423	5.581422	5.436311	6.03661	5.98631	5.886663
5.077509	5.121023	5.726097	4.932048	5.700593	5.502541	4.886041	4.769147	5.138872
3.821139	4.128416	4.007307	4.1392	4.813786	3.747738	3.519168	4.586997	4.170235
3.155177	3.626388	5.095014	4.379837	3.42914	5.121796	3.735933	3.288347	4.072795
0.864118	1.270767	2.322442	1.118483	1.241245	1.019137	1.207227	0.832186	0.676032
5.398688	3.428348	6.496586	5.522484	4.262727	4.084907	3.126425	6.196994	3.770349
0.000681	0.000681	0.009104	0.000681	0.047175	0.000681	0.000681	0.025883	0.024193
5.792372	5.931167	6.517745	7.100805	5.327302	6.845915	4.867366	5.963574	4.319553
4.023788	4.01839	3.891648	4.015575	4.145614	5.545031	4.039391	4.824162	3.632366
4.293636	4.230891	4.899934	4.322947	4.759201	5.256562	4.759848	5.614842	4.146319
3.077137	1.465112	2.22533	3.311294	2.190801	1.91069	2.585303	2.505578	1.682019
4.370966	4.479324	6.316981	4.091383	4.851135	6.742865	7.151561	3.256335	3.833036
0.992347	1.300885	3.664929	2.096199	2.183282	4.046512	2.72648	1.312073	1.883142
0.033654	0.007441	0.104676	0.024811	0.439729	0.007441	0.022865	0.319972	0.123404
1.569899	1.641781	5.15805	3.996303	3.590558	5.408467	4.376267	4.626359	4.280848
0.16339	0.220565	0.441102	0.249098	0.263282	0.790424	0.561751	0.204206	0.100116
0.037811	0.340573	0.066422	0.262625	0.115124	0.110111	0.476149	0.114122	0.086494
5.73684	7.549036	5.898199	6.29308	7.193525	7.767033	5.722049	5.614273	4.742222
4.262914	4.039652	2.616812	5.230364	3.514638	2.309004	3.753611	3.496938	4.049231
2.845392	2.203579	2.058493	2.11091	2.738771	2.214337	2.406635	1.413805	2.854635
1.824758	0.821408	1.71943	1.847499	1.066657	0.975906	1.6272	1.54882	0.952818
5.994162	6.556403	8.42313	6.943557	8.120228	7.102578	6.915485	7.558589	6.083458
0.024091	0.16994	0.598526	0.012251	0.026474	0.048894	0.03988	0.02187	0.03606
1.499678	1.756636	3.116957	2.247975	1.522195	2.181177	1.578778	2.705154	1.729469

2.619839	3.309822	2.296187	2.632722	2.130718	3.407148	2.3149	3.604373	2.742345
8.371291	5.547894	6.213842	5.840544	6.63976	5.894125	5.172797	6.133332	5.637352
0.162675	0.219427	0.882676	0.191301	0.47671	0.126761	0.090614	0.293342	0.277485
0.062068	0.09061	1.238935	0.140582	0.11009	1.314396	0.599058	0.179677	0.10792
3.701426	4.773884	6.046743	4.080687	4.157028	4.749372	4.519673	4.371484	4.56611
5.154791	4.364517	4.275652	4.868435	7.454425	4.753135	5.526959	5.795853	5.21981
0.055201	0.088962	0.065291	0.177801	0.127104	0.108536	0.573391	0.053164	0.094022
9.561111	9.681378	9.577836	10.691	9.058172	10.26119	10.86567	9.792043	10.97535
5.236477	4.605331	4.824028	4.80303	4.31018	5.002261	5.08865	4.882575	4.230749
1.734104	0.644183	2.548263	1.946921	1.566644	1.574929	0.571175	3.645435	1.339257
6.770321	7.334789	8.924722	7.277107	6.421714	8.949421	7.910254	6.576855	5.099963
3.268322	3.577214	4.787016	3.133376	3.359417	4.812831	3.128976	3.465836	3.666489
3.429723	3.815449	2.28506	3.606002	3.466313	3.22523	2.147626	3.622972	3.515526
1.480341	1.190468	1.704625	2.031587	1.541603	1.306642	0.978339	1.673807	1.23561
0.056699	2.195809	0.075427	0.094739	0.18709	0.293845	0.033072	0.064952	0.064791
0.312858	0.317698	0.537471	0.629458	0.574843	0.140178	0.822307	0.418318	0.863461
6.019343	6.034273	4.160472	5.467516	4.472126	5.982327	5.178987	6.061659	4.577995
1.963009	3.671527	7.936499	3.649512	4.514223	3.910647	4.400265	2.18834	1.816917
2.519573	3.408288	3.759079	2.289138	3.082595	2.635729	3.804968	2.278251	1.305866
5.086417	6.001265	4.618182	5.816968	5.244946	5.370488	5.177216	5.553475	5.302568
1.425996	0.256746	1.736585	2.956059	1.483316	0.25058	0.853437	2.752699	0.824345
4.064796	5.301807	4.293464	5.101837	6.61618	3.815862	5.611813	5.628266	5.439289
2.69812	0.777229	1.001215	2.008867	1.527369	0.571422	1.91641	0.356734	1.088143
3.705236	3.750996	4.20585	3.129752	3.578426	3.29229	3.20012	2.838605	2.448206
0.804689	1.49159	4.082359	2.727205	0.796975	2.887542	1.357092	1.702352	0.99616
0.24267	1.195038	0.904143	1.639144	0.490958	1.239584	0.178674	1.055865	0.647881
5.186597	4.817113	4.510454	3.851095	4.003308	4.888968	4.867301	4.720667	4.065938
3.788363	6.280275	4.139239	5.691966	4.76373	7.47584	7.170045	5.038241	5.245752
0.790064	1.140665	1.00398	1.307189	0.716063	0.57078	0.256446	1.674788	0.895608
6.38494	3.916176	6.335333	5.24118	4.768936	5.377286	4.077717	6.299777	3.642954
7.200911	7.468033	5.274162	6.5179	6.420254	4.630171	4.977512	7.811237	6.232363
0.279644	0.04607	0.21863	0.156064	0.446958	1.674146	0.457248	0.118531	0.20692
3.166361	2.880304	3.218582	3.900723	2.838169	2.363424	2.405615	3.725923	3.047897
2.228279	2.66684	2.59909	2.73226	1.761654	1.785299	1.181668	3.246712	2.497333
2.547804	3.179836	3.013717	2.438032	3.071883	2.172009	2.389751	2.560036	2.176148
4.539814	3.238746	1.799538	4.163967	3.891788	2.568054	3.462064	4.501089	3.406512
1.966275	0.335303	1.595157	2.140787	1.99302	0.23659	2.288273	4.183687	0.907973
2.944188	2.499854	1.896132	2.941125	2.296961	1.592805	1.823176	2.129608	2.06249
3.098846	4.005288	4.181489	3.875271	2.951162	3.494995	2.77635	3.922109	4.181876
10.23642	10.10749	10.33593	9.695662	10.00592	10.40278	10.76739	9.251611	10.60347
3.647629	4.52733	3.655597	4.978854	4.212289	3.559708	3.602131	4.608557	3.99525
4.00662	4.091291	3.460733	5.116855	3.104076	2.706138	1.503021	5.310034	3.879488
7.506207	6.733659	5.47506	7.363176	7.420443	5.533879	7.381656	7.357392	7.673115
2.561879	4.230854	3.553724	4.09151	3.705377	3.703114	4.085971	4.005318	3.573353
3.177085	3.063633	2.158985	3.722546	3.32438	2.563627	2.717783	3.077549	3.22528
0.686258	0.517636	1.44488	0.500402	2.140401	0.298184	0.396477	0.690119	1.01552
2.307751	2.750646	2.329199	2.553419	2.630797	2.740518	2.396601	3.567574	2.96814
4.035543	3.039347	3.056258	3.58376	3.917964	3.922359	3.94652	3.728386	2.957524
2.311781	3.201979	3.359511	3.514833	2.751142	2.663377	3.234389	3.159363	3.36443
0.726655	1.658034	2.751209	1.07081	2.070899	2.324454	2.184705	1.197343	1.362945
3.246113	3.15727	3.728198	3.555227	2.527763	3.389002	2.247698	4.438383	3.771618

1.484281	1.17308	1.961393	1.821652	1.438497	1.125254	1.701633	1.387288	1.453533
1.798255	2.324401	2.511718	2.884601	2.504385	0.079127	2.685573	3.025541	3.007476
3.407943	3.340433	6.729814	3.386109	7.102304	3.020392	3.198037	8.189473	4.753211
4.240346	4.73974	5.899899	3.804257	3.687158	4.664539	3.999841	3.913907	3.921082
0.693612	1.611869	3.973212	1.18959	0.895418	3.563993	1.851313	1.263064	0.839388
4.270867	4.305316	5.004562	3.747846	4.040889	4.651448	4.151125	4.469686	3.261118
1.477969	3.94922	3.49447	3.773188	3.324377	5.222134	3.946081	2.665224	2.178618
5.142606	4.071836	4.26425	4.481225	4.498486	5.087373	5.184643	5.03812	4.592462
4.670124	5.442191	4.50291	5.035483	4.518753	4.727642	5.144687	4.812029	5.056086
4.709482	4.808557	3.356641	4.442621	4.518817	3.474197	4.493212	5.228713	4.962795
4.574443	5.048207	4.495499	4.620571	5.521188	4.064191	5.38457	5.098795	5.663517
5.54149	5.746313	6.452913	4.850184	5.540656	6.711719	5.647873	3.882508	4.441898
5.358575	7.859357	6.587305	6.084552	5.730556	3.210985	7.415265	5.532632	6.411321
4.481785	4.029813	0.782266	5.125439	3.224125	2.509107	4.046608	3.732409	6.391413
3.428852	3.348358	4.618029	3.578247	3.313334	4.238385	2.755786	3.2529	3.062931
7.462211	6.844093	5.458762	6.853859	5.938904	6.337284	6.173078	4.987736	5.929539
1.730394	2.661685	1.476711	3.314017	1.992361	1.542692	2.599355	2.447561	2.953165
2.597709	3.051475	4.12655	3.040001	2.851547	2.992911	2.013888	3.205848	2.467851
1.385481	3.112201	4.614848	2.911892	2.369895	2.128842	2.18657	3.624888	2.660882
2.907129	3.197325	4.429323	3.304305	3.172404	2.431937	2.543886	2.914753	2.637162
0.140014	0.27442	0.281347	0.247228	0.848918	0.209179	0.499881	0.391464	0.098844
4.215281	5.340153	5.304983	5.388446	4.906624	6.153442	5.762262	4.546363	5.28519
4.574732	4.571845	2.992698	4.756687	4.250587	4.195939	5.279462	4.085609	4.895818
5.049811	5.355457	3.856093	6.270475	4.830143	5.299391	5.787608	6.347855	5.953341
0.118616	-0.14226	0.526353	0.116437	1.935648	1.636992	0.234466	-0.08786	-0.00835
4.867543	3.027092	1.135127	4.460107	1.839278	3.596782	0.819528	1.713839	2.034357
3.474075	4.683648	5.22516	3.675136	3.879254	5.287408	3.143706	3.062895	3.508481
5.007741	5.204387	5.095062	4.822675	4.179116	5.857982	5.168979	7.047487	4.171888
1.591364	1.995715	2.573425	2.279687	2.191831	0.869292	2.205671	1.899069	2.280256
3.215381	3.422432	1.338046	4.34196	3.066423	3.537681	4.124452	2.682902	3.702847
7.354197	6.176381	7.24893	5.810285	5.163108	6.965647	7.242634	6.541324	6.301332
2.298008	3.867161	3.200297	3.411909	1.863849	3.718132	2.500053	2.369688	2.886743
0.753231	0.989951	0.282215	0.886493	0.652992	0.82813	0.69097	0.240105	0.630992
4.69466	4.902311	5.489736	4.083275	5.575801	5.866697	3.645551	4.456873	4.215898
3.781246	4.62379	3.834521	4.142753	2.745717	1.043448	3.326575	5.185418	3.997162
0.703816	0.60434	2.275837	1.072924	5.540853	1.021671	1.815053	3.435718	3.091053
1.79429	1.815139	2.152007	2.211889	1.593264	2.234994	1.60532	2.345998	1.337138
0.060742	0.040563	0.987909	0.074687	0.369144	0.025395	0.105983	0.308801	0.136437
5.022463	6.675954	5.874934	5.63411	5.371647	5.674624	4.739778	5.928333	5.542893
6.129624	6.044203	7.013221	4.333223	4.382048	5.257763	2.846877	6.504109	5.23064
4.941759	5.707836	8.026819	5.997691	5.835774	6.562463	5.99536	5.86267	5.22204
5.308463	6.504831	5.207845	5.397178	6.095501	5.405367	6.084063	5.376298	5.725492
3.767389	3.424089	5.985666	3.860009	4.336873	2.965595	3.227277	3.22391	3.170105
2.764251	3.29298	2.769388	3.746046	2.338073	3.349453	3.582358	2.535953	3.240883
3.541855	3.576243	3.786519	3.471872	3.735919	3.794038	3.49656	3.19709	3.596668
1.69496	1.063262	0.144832	0.873548	1.663268	0.054513	0.210841	0.478927	0.146151
0.288263	0.152983	0.428272	0.330617	0.705921	0.208635	0.101494	1.022491	1.586139
0.388239	1.575134	5.467501	2.35125	0.680585	4.958022	2.311117	1.222799	0.389951
1.169612	1.86744	4.316814	2.036483	2.591888	2.463701	0.874966	1.582832	1.065316
6.371293	6.769054	6.921488	6.466357	6.530909	6.111905	7.49705	6.008561	5.704806
3.593006	3.916583	4.030222	3.960514	4.336277	4.54336	2.506287	2.960058	3.057023

3.707155	4.614055	4.362178	4.169178	4.752599	2.997185	3.609514	4.025928	4.109487
3.804897	3.64781	3.815131	3.909641	3.694288	4.570495	3.281465	2.98878	3.539144
4.5019	4.465971	2.213911	5.441165	3.2895	4.16775	3.246401	3.087841	3.81559
2.74963	3.22645	4.491997	2.596042	3.921593	3.546057	3.039638	4.307779	3.428515
4.265333	4.684768	3.572364	5.086874	5.372708	2.345784	2.575562	6.115495	5.57328
2.586	3.73676	3.99505	4.353311	3.592654	4.884238	2.954991	3.773679	2.125021
2.13396	2.305924	1.890387	2.817025	2.029787	2.072204	1.896787	1.59448	2.837645

TCGA-VV	TCGA-S9	TCGA-DU	TCGA-HT	TCGA-S9	TCGA-QH	TCGA-TM	TCGA-TQ	TCGA-DU
0.823497	0.163597	0.724063	0.922399	0.819732	0.313183	1.052775	0.801964	1.242192
1.429719	1.309635	0.625158	1.180052	1.148269	2.082412	1.28573	1.040937	0.885581
5.867513	5.471419	4.513769	6.631356	4.659402	6.673771	4.789385	5.726855	6.452402
2.028045	2.882338	2.4352	5.113172	2.256567	3.589072	4.264385	1.669395	3.707955
0.801315	0.645221	1.102325	0.131213	1.065728	0.47359	1.686137	0.965648	0.794371
9.30706	6.910912	6.968221	5.281712	7.05044	8.099739	6.706063	7.517754	5.897784
6.168116	6.251231	5.399679	6.55029	5.734212	6.190861	5.249196	5.653076	6.596195
0.513071	0.480529	1.624423	0.67249	0.831523	0.51237	0.866597	0.616026	1.719286
2.735806	-0.04425	0.070283	-0.03443	0.160515	0.278712	0.040896	0.560957	-0.015
6.83893	3.470375	6.743743	5.072567	5.8734	4.175157	5.356679	5.882468	5.584326
5.195026	4.608565	5.747809	4.305547	5.231721	5.305795	4.510645	5.226144	4.488975
4.036644	1.679761	3.702483	1.839517	3.066045	1.835216	3.560214	2.182415	3.262839
0.759185	1.849764	2.712071	3.025779	2.92613	2.502501	1.564254	2.034922	2.446832
3.147733	3.093328	4.178791	3.806192	2.159581	3.795689	2.359722	1.925477	3.979313
4.328306	4.634668	4.34147	5.63761	5.381742	4.649547	4.954102	4.703576	5.061024
4.001186	5.631258	4.031708	3.209622	4.118836	4.018913	2.789584	2.41771	2.896215
0.898139	2.715078	0.646491	0.68766	0.523834	2.262108	0.652316	1.128178	0.89351
9.187964	9.018779	8.313748	8.667759	6.858067	8.634861	7.815909	8.270116	9.1569
6.572483	3.546928	4.446727	4.039846	6.105735	3.133018	6.283249	4.783588	4.628587
4.449865	5.239931	4.188192	0.799835	2.654151	4.042067	3.859314	4.236116	2.89767
3.780723	3.248429	2.160207	3.878393	4.239522	2.479222	3.231598	3.314929	3.958776
2.85441	3.097086	2.387696	4.612116	3.279946	1.822809	3.406843	3.901919	3.754296
3.42609	3.648418	2.449968	2.635972	2.978965	2.951924	2.8644	2.842081	3.081748
0.789352	0.848264	2.423464	0.373137	0.47703	0.916715	0.306918	0.314975	0.289336
3.140347	3.285413	4.75747	2.654803	2.525272	3.378736	3.425409	3.056493	2.756007
4.372443	5.73521	2.372994	2.915518	3.349209	3.232	2.124256	3.513542	3.94474
1.628927	0.427238	0.378821	0.466596	0.827288	0.431969	1.475187	1.602226	0.722602
4.496539	5.817901	5.292383	4.16364	5.163925	7.268301	4.776874	5.661549	4.78809
2.836264	2.756465	3.283059	2.190421	2.243236	2.273363	2.510114	2.963097	3.205042
4.914688	4.377509	4.797856	3.951756	4.802886	3.982584	4.568483	4.75006	4.667639
1.786512	1.665428	1.986134	1.875152	2.367369	3.838706	1.481191	1.930587	2.048001
6.630977	3.35255	5.19297	5.093741	4.452944	3.031154	4.468475	4.497147	4.956947
3.918607	4.676647	3.736837	5.855243	4.993367	3.462629	4.824973	5.444016	5.280511
3.248419	2.374817	3.49087	2.335757	3.105738	3.437173	2.873828	2.927559	2.709386
2.528352	2.004015	2.690846	1.705935	1.845675	2.305413	2.330505	1.766047	2.61749
2.949415	3.273214	2.306926	1.908056	2.476995	2.636728	2.929092	2.387493	2.408751
4.761758	3.709603	6.87783	4.669462	5.25808	5.294932	5.00221	5.883617	5.320057
4.423031	3.506603	4.621518	3.325006	3.891999	4.704237	3.420532	3.740475	4.081891
4.80304	4.509749	4.359249	4.206983	3.994198	6.349709	4.255476	4.485165	5.402928
0.372188	0.699241	0.111023	0.078092	0.060969	0.115126	0.073376	0.071536	0.737685
0.748831	0.608803	1.54613	0.409648	0.601738	0.745761	0.304619	0.195328	0.327051
1.854754	1.736241	2.839942	1.973565	2.213398	1.946369	2.502884	2.048229	2.691191
2.86916	2.438324	1.627899	2.326891	1.627891	4.704706	2.069969	2.013666	2.847393
0.807768	1.104923	0.319232	1.779343	1.874615	1.464065	0.915047	0.598144	2.228053
0.531381	1.632317	0.946408	0.525247	0.890257	2.792485	0.571718	1.000497	0.963157
8.498213	10.34259	10.23846	9.683647	8.182036	12.14242	9.952114	9.91334	8.614116
6.473738	3.496767	5.833492	6.420866	6.038014	2.510792	5.925614	5.578018	6.696723
5.562945	1.88197	5.169203	4.451493	4.180931	2.852824	3.604018	4.024376	4.27417
0.584263	1.023582	1.889895	0.260735	1.395165	1.972217	1.023997	1.693156	0.750018

1.134217	0.18777	0.290146	1.976772	0.334581	0.31112	0.504747	0.344502	1.13118
0.607926	0.498002	0.64432	0.37308	0.804207	0.754375	0.633538	4.946427	1.027946
2.349472	3.035649	1.463326	0.924028	2.556882	1.868028	2.770938	2.662179	1.928404
4.265733	4.859403	4.719484	4.288217	4.416124	5.316599	4.32429	4.112205	4.819492
4.420433	5.369884	4.380697	3.86837	3.933561	4.109489	3.987291	3.61382	3.733348
0.260196	0.179643	0.081645	0.038715	0.101512	0.295453	0.209407	0.132858	0.065168
1.455997	1.294649	3.492078	0.82208	0.35617	5.110506	0.460245	0.789912	0.69889
6.131864	7.871926	5.742406	7.681705	6.939189	8.659529	7.548027	7.940162	5.007397
8.983031	8.114104	8.887154	8.357241	8.064202	7.580891	8.128645	8.550026	9.566785
3.177197	4.662517	4.564293	2.087881	4.222078	5.216873	5.025517	5.004618	4.068951
1.483645	1.769773	1.61679	1.255672	1.326396	1.318764	1.173094	0.753086	1.556974
5.114259	4.240522	7.051508	4.860495	4.728347	7.314383	5.793374	6.433793	5.308354
1.016023	1.881926	1.112258	2.664325	1.104019	2.443799	1.232575	0.813249	1.293761
3.617975	2.788548	3.923064	2.468714	3.768622	2.742026	3.307613	4.136839	2.808576
5.096951	0.453907	2.103396	1.01413	0.565894	0.574697	0.75973	0.744601	5.546668
7.787519	10.22573	8.410616	9.532012	8.383644	11.69248	7.444137	5.875515	10.54649
3.787471	3.144177	2.059703	1.880933	2.507542	4.949252	2.870037	3.073212	3.208093
4.465162	4.45894	5.519157	2.5822	3.629369	4.618992	3.955065	4.259955	2.921952
1.268789	0.422077	0.539126	0.256618	1.389212	0.943347	1.410519	1.23079	0.964447
6.176662	5.071543	3.83567	4.663797	4.561904	4.55261	4.781549	5.002181	6.506599
3.945366	3.034255	3.868885	2.80207	3.508025	3.77219	3.735948	3.430721	3.589234
2.049926	2.796505	1.523258	1.430603	1.502563	3.478565	2.116328	2.192362	1.528371
3.404831	3.082231	3.115434	2.593713	2.827971	2.32495	2.267555	3.093282	2.861284
4.24077	3.156954	5.009604	4.4872	3.663208	3.861967	4.149756	3.344245	5.15187
5.457979	5.719247	4.617034	4.157939	5.564128	7.14977	4.093868	2.760687	5.30729
0.325041	1.599098	4.22016	2.608009	1.261101	3.972326	3.640809	2.816204	2.340741
1.834124	3.623305	3.021857	4.098652	2.845103	4.249975	2.224624	3.076161	4.059478
3.38534	3.455399	2.122867	2.477854	2.159194	2.854933	2.571995	2.818523	3.250238
2.995491	2.709779	2.130865	1.765945	2.662212	1.925638	2.995675	2.981343	2.437459
3.751472	3.096768	4.095866	2.968445	3.784811	2.899671	3.412727	2.352697	2.969548
2.12908	2.060784	2.52629	2.598676	2.215481	2.138869	2.01706	1.120751	2.77848
3.270264	3.645891	3.828897	2.766232	4.735373	4.924107	4.095746	5.191105	3.963381
7.108018	7.998162	7.729125	7.206854	7.25569	9.206935	7.639171	8.129998	6.722499
0.451079	-0.11395	0.674153	0.426481	0.928458	0.948031	1.601131	1.16459	1.084884
6.327408	6.46129	6.483415	5.28221	5.722258	6.234079	5.898483	6.09142	5.18331
0.249287	1.124198	0.706999	0.656161	0.401843	0.162944	0.460909	0.623617	0.54259
3.560153	3.552365	3.054743	2.997586	4.070139	3.179511	3.464466	3.403984	3.508059
3.472586	0.939463	2.040284	3.402609	3.11261	4.679011	2.619969	4.360967	3.098444
2.01838	1.630385	2.569291	1.246533	2.090948	2.240901	1.931225	2.626845	2.074893
3.853202	3.211205	2.837881	2.65532	3.615528	3.242988	3.120894	3.128064	2.876859
7.053761	3.885492	6.215749	7.146028	5.829987	6.690556	2.001954	2.455143	6.60472
0.266647	0.261272	0.236563	0.237847	0.216484	0.430267	0.261207	0.279541	0.179458
2.605992	3.362654	2.106596	2.475556	1.976491	5.041693	2.901755	2.674446	1.975123
0.856601	-0.00503	0.915024	0.254179	0.111517	2.500082	0.026486	0.392012	1.665913
3.164712	3.433977	3.105675	3.70875	3.196998	4.529432	3.108421	3.514456	3.265962
1.281719	1.283062	1.178037	0.913258	2.99054	1.664502	2.885138	4.205614	2.008617
3.623445	3.880098	3.63688	2.711824	3.914695	3.60034	4.21459	4.129176	3.735559
2.263571	3.103844	2.768301	2.354215	2.875709	2.804561	2.159045	3.0247	2.668277
8.224528	8.043876	4.810485	6.369037	4.287337	5.311903	5.584797	6.725215	8.555215
2.177189	2.15153	1.565446	2.42779	1.627702	3.912201	2.039078	1.783041	2.25314
4.177701	5.431346	5.548897	7.474802	6.628297	4.299517	6.096266	6.222013	6.18725

2.938416	2.12706	2.481228	1.503039	1.560496	2.799553	1.259896	1.841571	2.013963
1.648356	2.771145	1.54453	1.0613	1.916954	3.292292	2.740565	3.005938	1.753423
3.186527	3.805186	4.283757	2.909477	3.663912	3.30722	2.776667	3.300585	3.865955
0.184994	0.116672	0.24066	0.010421	0.061149	0.041566	0.103792	0.594655	0.199322
9.068992	8.287013	8.459778	9.806246	8.101537	8.138827	8.343978	8.117363	8.027328
4.592166	6.960667	4.648848	3.68822	3.897935	5.984948	5.012408	3.850996	4.687476
2.501399	3.157444	2.989792	2.338815	2.269688	2.835453	2.972026	2.517742	2.657264
0.37084	0.950091	0.664685	0.547136	0.522238	0.871237	0.459785	0.295992	0.724003
3.288748	3.586873	5.157581	3.554058	5.141736	2.917892	3.803377	4.297821	4.749692
1.749422	4.105561	2.939365	2.116435	1.349762	4.372648	0.902985	0.367616	2.813216
3.090237	3.252591	2.851333	1.605382	2.536666	2.90477	1.841359	2.329621	2.685933
2.032325	3.58013	3.803095	2.08814	3.148215	2.390739	3.079652	3.128088	3.140974
0.043243	0.082966	1.022438	0.066083	0.241617	0.015105	0.293151	0.15351	0.380383
0.078073	-0.02026	-0.01628	0.093447	0.184374	0.151108	-0.0062	0.022929	0.329381
1.636512	6.021839	0.687258	3.510843	4.369582	2.020189	3.475236	3.864899	4.935194
4.817922	1.120579	3.229228	5.134893	4.326634	2.918659	2.947933	3.24233	4.61722
2.298997	1.710029	1.515633	4.123813	2.297184	1.231292	2.438052	2.834745	2.919474
4.012107	1.501408	3.100691	2.266048	3.137086	1.649234	3.177537	2.877807	2.584312
5.30423	3.250854	3.716566	4.980286	3.953539	4.084009	3.310473	3.051783	3.840793
7.522894	7.187497	6.171528	8.100676	6.1626	6.681974	6.697385	6.983923	7.920678
-0.02984	0.44341	0.029471	0.018699	0.101483	0.085243	0.02804	-0.00304	0.112132
0.556399	2.016342	1.038137	0.542374	0.919004	2.745034	0.74305	0.777432	0.504034
3.060227	1.674483	2.395719	2.290544	3.981976	2.162914	3.083473	2.85792	3.634962
6.241045	6.788403	7.958502	4.480995	4.697186	7.142867	7.476003	7.189843	6.038946
0.01549	0.037892	0.049462	0.009894	0.158556	0.061829	0.108233	0.119048	0.124886
0.979415	0.300066	0.634057	0.612217	0.306067	0.384094	0.327139	0.396603	0.219157
4.530612	3.944078	5.600318	2.961956	3.867496	2.565228	3.476162	3.209802	4.334
5.745784	5.127932	6.239571	5.935401	5.649795	5.359004	5.572215	5.304502	6.420144
4.218862	6.017972	5.886074	5.550255	5.531803	5.457134	5.426705	5.148614	5.001101
3.608744	4.46895	3.977673	5.514399	4.125577	3.665216	4.002044	3.960944	4.878128
4.751322	3.964067	4.90241	4.251096	4.077109	4.210678	3.998503	3.297257	4.590112
1.145767	1.972285	1.441819	0.484457	1.308167	1.151429	0.95984	1.112892	1.517012
5.04585	3.175911	3.728507	4.03491	3.222551	5.554105	2.895446	4.306559	3.525477
0.528355	0.000681	0.006502	0.007004	0.000681	0.000681	0.094669	0.113296	0.033983
6.833336	7.788045	5.11216	4.282361	4.474434	6.277251	4.841638	5.782823	4.964221
4.156764	4.923236	4.214895	3.51909	3.51577	3.86269	4.000145	4.607534	4.46588
4.167186	4.755208	3.783715	4.545885	4.628158	4.541415	4.208644	4.838017	5.012062
2.072566	2.941163	1.805705	1.26038	3.633182	3.745208	3.186115	3.492254	2.973976
5.840096	4.977644	4.712427	4.600473	5.180396	6.917553	4.077022	4.65569	4.505809
2.552289	1.814504	2.627915	1.918374	3.078903	1.95715	1.546077	1.872372	1.466555
0.007441	0.043018	0.313829	0.265708	0.085214	0.021219	0.262265	0.022326	0.329563
3.552357	5.154759	5.459368	2.929465	4.649771	3.978995	2.664371	4.808031	3.644369
0.616205	0.374955	0.284948	0.311755	0.360094	0.809717	0.307471	0.547732	0.336751
0.482549	0.023858	0.455041	0.066455	0.23221	0.095528	0.074039	0.234614	0.122617
6.401399	6.305561	5.753119	5.066778	5.512873	7.572489	6.271756	6.738081	6.582458
4.048907	3.345026	3.154265	4.963442	4.011967	3.632715	3.242717	4.151311	5.496519
2.761479	2.629949	1.168926	2.781815	2.313926	2.649266	1.758964	0.993682	2.928456
0.580535	2.544751	1.253225	0.914092	0.845068	1.629833	1.075554	1.589031	1.061028
7.134225	7.674585	6.350122	7.011574	5.14155	7.238398	5.50681	6.107218	6.525191
0.012251	0.407093	0.047378	0.012251	0.012251	0.036943	0.190236	0.038918	0.586235
1.722845	2.637223	1.61088	1.240016	0.957003	2.672661	1.112168	1.087333	1.508663

2.023145	2.679291	2.717137	2.846008	2.74536	2.392486	2.416327	2.759938	2.642139
4.856421	7.914805	5.952096	7.969052	4.42567	7.03086	5.019318	6.422289	7.41684
0.162072	1.258178	0.186282	0.135439	0.169629	2.833943	0.497145	0.170672	0.392421
0.30884	0.2514	0.377176	0.066157	0.303554	0.258334	0.165154	0.541857	0.131725
5.196969	5.436506	4.201389	3.078039	4.660211	3.578467	5.452862	4.132614	3.542943
5.299899	3.65906	5.001489	5.455869	5.107108	3.648304	5.53947	4.788853	6.291012
0.859142	0.025176	0.05268	0.032184	0.055363	0.036764	0.12153	0.252357	0.044235
9.734243	8.753142	11.15969	8.423959	9.483845	9.764261	8.926188	10.36771	9.289477
4.986932	4.233819	4.983158	4.396066	5.198504	4.411046	4.36284	4.968896	5.157543
2.691072	1.117092	0.598926	3.28547	2.749255	0.953485	0.620431	0.52621	0.562605
8.462919	9.528057	7.156719	7.992075	6.741154	10.29935	4.28132	4.798032	7.266761
3.966612	2.518583	4.551608	2.385029	4.478041	3.659521	3.999004	3.458424	2.919899
1.876247	3.69925	2.464424	3.085306	2.771189	2.863563	3.710526	3.605875	2.991073
0.457934	1.498331	0.602315	1.277695	1.165115	1.684279	0.961616	0.993996	1.116486
0.06615	0.054525	0.824895	0.064968	0.041022	0.049609	0.090281	0.16211	0.041574
0.597215	4.018409	0.637207	0.333232	0.590864	1.860466	0.973169	0.561526	0.948956
4.200827	6.276697	3.694616	3.549254	3.170695	5.857136	5.273274	4.806864	4.336522
2.784716	4.686404	3.855467	2.719944	3.605935	4.108784	2.337767	2.355179	3.249455
1.224925	3.008817	0.723432	0.982563	1.744643	3.070253	2.296911	2.227064	2.393778
5.625059	4.151657	4.871459	6.279393	4.56118	6.275995	4.13993	4.532865	5.278334
1.016667	0.837294	0.274478	2.09763	2.295924	0.636438	1.00828	2.342532	0.553698
4.030785	5.661584	4.389286	6.090845	6.52713	4.942736	3.910151	4.07143	5.171451
0.756414	0.511	0.553495	0.53588	1.932839	1.380203	2.755613	4.302357	2.54575
3.544067	2.908304	3.195458	2.678777	3.178443	4.092147	3.381906	4.210574	2.990701
0.809248	2.118118	2.29532	0.514898	1.308727	2.576321	1.386231	2.504505	1.151283
0.663479	0.189286	0.184875	0.267266	0.249784	0.174052	1.84664	0.973078	0.529989
6.19725	3.856893	5.106183	3.52931	5.337174	4.307697	4.465796	4.956985	5.088366
5.700727	5.979532	4.943634	6.21842	4.860032	5.320009	4.786968	4.555641	6.373162
0.805714	0.399209	0.260479	0.23277	0.394491	1.213344	0.715341	0.83494	0.36357
7.180245	3.154057	5.543063	4.260276	3.181238	5.692654	3.824686	4.66307	4.605426
2.716579	6.805319	5.044696	6.447722	7.181743	5.461337	6.987984	6.945187	6.162003
0.233763	0.11901	1.46943	0.228906	0.577863	0.056753	0.135304	0.675404	1.028292
2.038265	3.440851	2.619896	2.985116	2.810082	2.627963	2.352436	2.753065	2.8141
1.739289	1.849532	0.91314	1.249641	1.022791	2.885333	1.412558	1.370275	1.767349
1.384001	3.197411	2.146914	2.803072	2.300812	3.068058	1.513679	2.359606	2.93728
3.23583	3.466233	2.445218	5.001296	4.209609	2.976391	3.591665	4.087045	4.671577
0.346327	1.013255	0.975389	1.38927	2.310437	1.074127	2.317658	2.542523	0.890599
1.412209	3.55745	1.498051	3.747292	3.020192	3.885858	2.662983	1.213764	4.55258
2.81813	3.815576	3.074898	1.820791	2.727996	3.719924	3.8055	3.468507	2.285455
9.501612	7.441718	8.818855	11.62998	8.017859	9.076935	8.077833	8.319231	9.458236
3.681499	5.689527	3.65049	3.876749	3.749352	5.518515	4.580281	5.070766	4.958593
2.273173	3.215691	1.90811	2.401319	2.297607	4.338054	3.288399	3.014644	2.133265
5.933469	5.228993	6.352043	8.719705	7.989565	5.729683	7.291358	6.094599	7.001456
4.02993	3.640716	3.175723	3.951612	5.227097	3.586292	3.851778	3.705931	3.50466
3.899221	1.960074	3.450702	2.322091	3.374114	1.59285	3.938418	3.391732	3.511199
0.518529	1.806033	4.844166	0.536964	0.933443	2.384493	1.832897	1.111208	1.410893
3.116391	2.306076	2.815232	2.713269	3.077508	2.359867	2.850371	1.955488	2.808003
3.734405	3.714405	3.140116	4.800788	3.949008	5.597977	3.266312	3.282388	4.979249
3.383665	3.499593	2.623848	2.582436	3.439271	2.320912	3.050872	3.175078	3.224851
1.202599	0.792663	1.398709	0.740568	2.153668	1.241686	1.131264	0.966973	1.239262
2.777152	3.223432	2.772785	2.009474	2.823373	3.416713	2.895663	2.872332	2.194778

2.271198	1.46471	1.501378	1.230499	2.116494	1.522897	2.133591	1.666092	2.047191
2.551602	3.045198	2.674797	3.032731	3.161451	2.771974	3.412512	2.580712	2.944519
3.158283	2.868155	4.542899	3.029698	3.027112	3.156291	4.316102	3.306772	3.282218
4.106151	4.034054	4.486209	3.492338	3.862619	5.314905	3.931824	5.696279	3.49576
1.392918	2.674752	2.676522	0.82201	1.025645	3.614503	1.400843	1.935506	0.95439
4.544973	5.991377	3.829674	4.468932	4.110741	5.870081	4.610874	4.688702	4.364973
5.686216	2.173978	3.48079	1.316738	1.498963	2.222246	2.301642	2.164284	2.334741
5.749443	5.92498	4.114659	5.670903	4.298146	4.043268	3.992073	3.920837	5.058303
5.948573	3.642691	4.065425	4.779142	4.753762	4.47789	4.770943	4.521389	5.214955
5.10446	4.54029	4.149655	4.885883	4.873638	3.528452	4.88769	4.031551	4.982277
4.331161	4.941418	4.211488	5.160703	4.113933	4.894602	4.0991	3.517801	5.083602
5.338877	6.411203	6.053863	5.019997	5.668647	6.823406	5.339692	6.09751	5.182284
1.771017	4.033478	5.942842	6.905456	5.929404	6.6116	5.711694	5.476061	6.630892
5.879923	9.938886	0.934184	4.233172	5.165377	9.598853	4.720059	3.65211	4.338715
3.484283	4.574462	2.291533	2.046993	3.071478	5.619088	3.390693	3.754762	2.536124
7.419861	2.650303	6.243631	5.764424	6.126204	6.412644	5.535756	6.136119	5.902083
4.033622	2.010579	2.208029	2.702273	2.69669	1.722719	2.527194	2.126388	2.485947
2.65588	3.622011	2.031612	2.304567	2.771742	3.304928	2.446964	2.739822	2.807318
2.339697	3.485627	2.114766	2.369258	2.28524	3.860741	2.314619	2.148133	2.212708
1.905988	5.299042	2.439026	3.380149	2.28721	5.039985	2.067043	2.800002	2.210243
0.068665	0.252472	0.241247	0.205749	0.128509	0.16805	0.077124	0.076004	0.349489
5.999512	4.576603	5.882775	4.406526	5.734108	4.757725	5.441929	5.515957	4.895828
4.567334	3.477557	3.900389	4.892773	3.788787	3.881904	3.668711	4.142569	5.349586
6.465602	3.673141	5.675913	5.547913	5.710231	4.15129	5.128976	4.847594	5.322818
0.197654	0.754497	-0.04265	0.22345	0.182455	0.195813	0.1748	0.554317	0.069276
7.073845	0.848641	2.111726	3.926002	1.235784	0.731861	1.371996	1.581321	5.304725
3.644286	4.242451	4.394497	2.372032	3.415966	5.552632	3.978388	4.769576	2.889004
4.958183	4.500116	4.601196	3.547839	3.117588	4.368937	4.171861	4.268928	4.141418
1.473418	2.028951	1.756771	1.144331	2.509378	1.440896	2.670618	2.216543	2.144599
4.159803	4.376206	2.597759	2.797292	3.638705	3.423332	3.573486	2.626147	3.430504
7.369608	8.642471	7.023499	5.724897	6.935646	6.778374	7.292558	7.200994	5.881869
3.370145	1.247285	3.398257	1.501378	2.799781	1.645636	2.709342	2.238398	2.187818
0.629993	0.56612	0.721526	0.267924	0.779352	0.422781	0.84772	0.853292	0.585898
4.147941	4.86633	5.07451	3.429006	3.590228	5.081326	4.259517	4.265567	4.294542
3.658652	4.430261	3.272334	2.874254	3.335318	4.128632	3.801239	2.458105	2.997536
0.678001	1.096284	2.945297	1.908602	0.919438	0.495019	3.156244	0.466721	3.330332
2.253798	3.620093	1.498613	1.45419	2.06067	4.059647	1.768334	1.874848	1.198738
0.247966	0.03182	0.145361	0.087708	0.966286	0.016725	0.222946	0.230731	0.334637
4.205364	4.638724	5.28981	3.76844	4.775519	5.224002	5.86487	5.858802	4.230141
3.469635	6.035017	4.133265	4.03825	2.528075	7.791471	3.315235	3.143645	3.574392
5.547951	6.461267	6.076691	5.759044	6.370606	6.835752	5.446227	5.439715	6.64271
8.791412	6.066714	7.297227	4.866874	6.835457	5.760279	4.581838	5.96029	5.821939
2.502019	4.133053	3.447508	2.755313	2.982776	5.600744	4.135638	4.569246	2.908504
3.198686	3.311973	2.509673	3.02409	3.508906	2.597426	2.960537	3.091299	2.851377
4.333537	3.612445	3.918259	2.894147	3.660717	3.404009	4.143357	4.015953	3.380394
0.08959	0.083898	0.192129	1.9608	0.135728	0.046741	0.471412	1.039099	0.184985
0.201883	0.214313	1.653991	0.855046	0.212243	0.099397	0.944336	0.138145	1.369227
1.357217	3.622711	3.307851	0.321095	1.398124	3.538714	1.477984	2.817784	0.82725
1.967705	1.716353	1.823909	1.328188	0.726807	8.902189	1.190228	1.008913	1.871326
8.034971	6.852131	7.093949	7.550849	6.988716	7.494822	5.532892	6.612951	7.273799
3.262067	3.647318	3.34291	2.510229	3.323027	3.7433	3.382881	3.81856	3.189018

3.798073	5.675806	3.588249	5.316355	4.03322	5.349326	4.178906	3.232421	4.49224
2.898809	3.956027	4.127971	2.737152	4.033671	4.139886	3.782161	4.244414	3.31693
2.806768	3.078821	1.985818	2.096336	3.149273	2.641991	5.927698	4.036683	2.968343
2.235928	4.302969	2.92257	3.381037	3.461106	3.179368	2.579385	1.972608	3.142977
1.141563	4.35499	3.453956	6.357218	5.356376	2.989278	4.925061	5.011703	4.762539
5.2723	2.326122	2.567164	3.860151	5.672404	3.432444	2.53612	2.568794	5.299597
2.494111	2.616208	2.091399	1.689989	2.859202	2.262471	3.068706	2.347793	2.319257

TCGA-QH	TCGA-R8	TCGA-VM	TCGA-HT	TCGA-FG	TCGA-E1	TCGA-DU	TCGA-E1	TCGA-DU
0.576959	0.924085	0.85646	1.415931	0.562798	1.031263	0.390943	0.411337	0.636033
0.869469	0.998999	1.637214	1.922339	2.033542	2.329918	2.23036	0.401916	1.883059
6.349962	5.114235	4.937625	4.295373	5.29117	5.156556	5.978263	5.343242	4.953148
2.949659	4.626844	1.749312	1.944616	2.872814	1.930946	4.92145	2.285193	6.353749
0.906055	0.4618	0.661118	0.641812	0.530868	2.023198	0.980728	0.868946	0.940684
7.026116	7.595477	6.658138	6.778997	7.501765	6.6777	6.910263	5.812908	6.970802
5.843627	5.939824	5.823889	5.028711	5.704439	4.943198	6.882583	6.833473	6.08889
1.040838	0.599069	0.587119	0.702203	0.885632	0.774379	0.913259	0.659207	0.573158
0.896196	0.18884	0.050606	1.239003	0.258654	0.587348	0.129168	0.301804	0.21284
6.101038	5.765638	6.094289	5.213802	4.783302	5.152831	5.940133	5.990961	5.68492
5.012101	5.261475	3.50363	3.9597	3.928345	4.423411	5.007531	3.995563	5.976559
2.853152	2.783368	1.672785	3.307986	2.841741	3.304388	3.403374	2.92786	2.690889
2.734662	1.312092	2.528109	1.901725	2.934456	2.270551	2.120038	2.544093	1.645993
3.336702	3.262722	2.062017	1.910669	2.88421	2.190915	2.820368	3.763496	2.515518
5.219727	5.379894	5.444234	6.878086	5.18686	7.761647	5.924808	5.052248	5.134696
3.424648	3.634243	2.794931	3.923807	3.130087	3.863275	3.40654	3.056928	3.121754
0.694251	0.82454	1.207998	0.685606	0.962765	1.820174	1.312829	0.768385	1.170346
7.608126	8.515007	9.373633	7.298334	8.100615	8.55548	9.502399	8.35208	7.683979
4.808216	5.527221	4.769505	5.900481	4.297943	5.11125	4.923421	5.162919	4.906676
3.224258	3.533928	3.292642	3.902095	4.078687	4.665634	3.966858	2.974068	4.253082
3.309967	3.377181	3.551373	3.544949	3.075047	2.111562	2.892125	4.205169	3.302157
3.089882	2.226497	3.54807	3.182339	3.406765	2.515476	3.217838	2.404965	3.7462
3.400459	3.06234	2.462857	3.156084	2.754069	3.124801	2.183151	3.025724	3.144036
0.680049	0.827558	0.392683	0.600091	0.653295	2.045821	0.581871	0.543263	0.531347
3.75799	3.752704	3.03532	3.522534	3.667051	3.235586	2.662624	3.653102	3.36697
2.37102	1.946042	2.586147	3.379172	3.050985	2.557151	3.368316	4.251274	2.842815
0.715759	1.342706	1.017082	1.561514	1.062816	1.116584	0.737275	0.788869	0.860593
4.231314	4.968877	4.813733	4.515861	4.377515	5.015499	4.803597	3.999382	5.799704
3.303963	2.422509	2.471669	2.726854	3.044112	2.890691	2.681779	2.530704	2.065032
4.954402	4.918352	4.529381	4.839642	4.188122	4.546325	4.883334	4.198745	4.562907
1.386799	1.950307	2.940043	2.468248	2.396834	2.181822	3.509191	1.636743	2.912839
5.031282	4.5303	5.200477	4.918722	5.150436	3.987385	4.31115	4.761956	5.267444
5.508895	5.012022	6.329721	4.70019	4.81471	4.107114	5.543194	5.352595	4.613361
3.113093	2.493583	2.340774	2.391837	1.939041	3.985984	3.217171	2.686269	2.992638
2.217193	2.766905	1.767674	2.886034	2.467197	4.724022	2.601029	2.346447	1.823611
2.280895	2.263176	2.308337	3.240954	2.217735	2.488189	2.965158	2.705213	2.5464
5.982167	5.70468	6.110616	4.611307	4.971693	5.076617	5.222506	4.819273	6.432489
3.896043	4.26834	3.410474	3.188646	3.322742	4.677854	5.3866	4.271918	3.992179
4.571398	5.649544	5.464492	4.9022	5.359205	5.726348	5.093598	5.027821	4.613857
0.279987	0.095656	0.075149	0.360845	0.06867	0.095507	0.107929	0.120957	0.111629
0.361677	1.37721	0.593611	0.616303	0.681312	0.960414	0.253947	0.417412	0.42579
2.986131	2.485165	2.601406	1.740552	2.400963	2.239859	2.397161	2.396711	2.359914
1.30908	3.264437	3.106592	3.028883	2.314102	3.705561	3.5664	2.334594	2.744412
1.129666	1.237049	1.087498	2.465505	1.491296	0.964551	0.909254	2.12693	0.512736
1.1229	0.173219	0.334202	0.307826	0.732091	1.202989	0.711809	0.593084	0.802221
9.388128	11.04615	10.58569	8.721841	9.983911	10.58247	10.93509	11.24749	10.13735
6.263562	5.827947	5.738777	6.895319	5.64593	5.652161	5.353601	6.54297	5.398588
4.742132	3.509105	3.914805	3.691928	3.522441	4.486483	4.027792	4.9535	3.738455
0.709772	1.182208	0.701712	1.187337	0.644026	1.517837	0.591543	0.468747	1.309429

0.674887	0.358724	1.060581	0.696955	1.117144	1.425981	1.110664	1.289097	0.585727
0.980213	1.831533	0.471706	0.877927	0.666097	0.555406	0.27721	0.303598	1.923137
2.607961	2.60324	2.223006	2.58759	1.868123	2.377704	2.387496	1.505697	2.288517
4.884973	4.312092	4.381715	4.017557	4.112728	4.004779	4.385116	4.725544	3.81521
5.084051	4.599851	3.678003	3.550363	4.987978	4.629614	3.466215	4.850552	3.393821
0.11181	0.188121	0.222291	0.139577	0.156467	0.345249	0.253762	0.178753	0.163961
0.53345	1.429032	0.620642	0.615235	0.505196	1.057463	0.584609	0.871063	0.910427
6.262108	7.184345	8.221754	6.167242	6.95081	4.41495	8.219318	7.182862	8.340776
8.934776	8.735711	9.153022	9.365908	9.023687	8.295448	8.618135	8.636945	8.368095
4.182413	3.733579	3.202789	4.807343	3.547144	3.534288	4.02994	2.581874	6.683864
1.447333	1.653073	0.872626	1.958008	1.339864	3.214091	2.726913	1.500123	1.426773
6.804085	6.534864	6.492962	3.926345	4.952407	2.637039	5.59684	4.805174	5.043378
1.435859	0.801977	1.387692	0.953038	1.862988	5.861211	3.270279	0.682046	0.639106
3.156135	3.362482	3.332757	3.741531	3.364735	3.448341	3.893403	3.400224	3.478485
0.904294	1.589064	0.693014	1.527547	1.985428	5.920809	1.105858	0.631967	0.539709
7.718359	8.689681	7.714644	7.749933	9.763643	8.063922	7.272626	10.30203	5.477054
2.770228	2.96813	2.939332	4.132173	3.226997	3.921255	3.263767	2.920974	3.062811
3.560096	4.287317	3.39999	3.957039	3.498819	4.546493	4.235282	3.959027	4.291479
1.066004	0.91589	0.891976	1.171398	1.019474	1.29247	0.828876	0.267519	1.708331
5.712582	5.756549	6.199762	6.022002	5.428016	3.436275	3.559762	5.89435	5.728197
3.469815	3.166273	3.205544	3.366629	3.352943	2.659483	3.628338	3.316989	3.205385
1.519775	1.833525	2.827062	1.914255	1.897004	3.303076	3.113629	1.642233	2.079789
2.179783	1.802347	2.382641	2.648689	2.683641	3.3838	3.829326	2.875687	2.99012
4.491751	4.217596	3.762834	3.881868	4.838846	3.491341	4.154391	4.242814	3.25898
4.50392	4.143856	3.413644	4.39549	5.448358	4.662378	3.146978	3.589751	3.556585
3.85313	5.543174	4.005796	2.583849	6.500257	2.511408	1.32167	5.799909	2.650656
2.319359	2.491339	3.876519	2.564765	2.77796	1.831465	2.160456	2.221866	2.592194
2.119135	2.109651	2.696505	2.495422	1.927315	5.377194	3.924046	2.639357	2.767958
2.248685	2.449521	2.343807	3.554694	2.352953	3.165393	2.945394	2.405208	2.542114
3.446788	3.388053	2.430607	3.249924	2.790039	3.598094	3.615976	3.264228	3.005095
2.19539	1.867495	1.742067	1.943084	1.964854	0.885203	2.923963	2.932791	1.263789
4.082526	4.588184	3.939184	4.01185	4.110154	4.414026	3.529355	2.80194	5.203954
8.293693	7.649276	8.149035	6.38007	7.252139	6.815622	7.944232	6.739727	6.737961
0.742839	0.543273	0.903653	0.826048	0.615084	0.481557	1.302842	0.635392	1.034957
5.835402	6.226983	6.052415	4.760932	5.109374	5.328778	5.324599	5.445116	4.993595
0.324032	0.341384	0.255725	0.316543	0.580688	0.232198	0.445699	0.518223	0.604319
3.3709	3.089751	2.55416	4.203501	3.364412	3.901892	3.540572	3.298627	3.355081
3.719842	2.326713	4.551684	1.530826	1.139029	4.783127	3.369329	3.818725	4.125302
1.49988	1.535564	1.661749	2.07493	1.539411	5.580822	2.764908	1.44834	2.340259
3.431232	3.553483	2.954501	3.069181	2.537108	3.223273	3.232672	3.159202	2.860726
6.959997	5.476625	3.690902	4.277625	4.518615	5.344865	5.17837	6.457179	3.047897
0.185006	0.119377	0.083868	0.210193	0.578799	3.756512	0.487718	0.099271	0.15671
2.504833	3.143305	3.817905	2.044268	2.515656	3.467172	4.464933	2.525939	2.889139
0.045835	2.983955	1.7097	3.473223	0.479529	0.485302	1.098182	2.151608	0.907679
2.926106	3.360882	3.330764	2.494515	3.837368	5.171739	4.668327	3.767921	3.794061
2.118686	1.866629	2.568696	2.483943	1.816998	2.640006	1.736729	0.747068	3.514115
3.509028	3.531799	2.963706	3.697726	3.112688	4.294764	4.298753	2.731949	4.108727
2.812743	3.577664	2.720809	3.017494	3.110692	4.207882	3.609239	1.518315	2.347067
6.284483	7.149987	5.785854	6.750858	6.212812	5.349012	6.068468	7.477169	6.478299
1.675538	1.985442	2.0478	2.340866	2.550488	4.230718	3.800057	1.347921	2.459901
7.669356	6.836493	7.461688	6.789899	7.301672	7.34078	5.883801	7.005157	6.562851

1.789648	2.854863	1.74682	2.288767	3.846764	4.517684	5.36606	2.442735	1.402061
1.714186	2.172946	2.795346	2.470255	1.751956	2.056646	2.00615	1.256856	3.318082
3.069892	3.385252	2.810656	3.891064	3.312255	4.52347	3.865998	3.99566	3.400227
0.02138	0.622674	0.484628	0.05947	0.259671	0.001831	0.580461	0.573266	0.483844
7.979694	8.394021	7.461221	7.629995	8.259233	7.368145	7.951933	8.83012	7.59817
4.320509	4.502468	4.040828	5.73494	4.025703	4.54145	4.461406	4.307299	6.496355
2.405904	4.04846	3.849134	3.289594	3.867596	2.57653	3.349595	2.243535	3.105898
0.477588	0.402244	0.208974	0.252967	0.778423	1.088593	0.776796	0.654737	0.233034
4.623117	4.269586	3.551468	5.000018	4.010703	4.65601	3.340272	3.253485	4.668035
0.429509	0.828895	1.47729	0.908522	1.610335	2.696669	1.470102	0.587291	1.482894
2.647252	2.758028	2.741769	2.664599	2.581471	2.867982	1.44324	2.36411	3.388009
2.638243	3.089709	2.52247	3.619815	2.640482	4.450082	3.702121	2.955833	3.299421
0.125912	0.090493	0.045424	0.063117	0.082794	0.111587	0.333896	0.032257	0.347586
0.072734	0.61337	0.017019	1.178404	0.069661	1.331026	0.611897	0.029176	-0.0064
3.849368	1.704328	2.902918	3.58937	3.894676	2.956387	1.856254	2.946917	4.307796
3.989143	4.209848	4.580877	4.819177	3.932148	2.132022	4.383273	4.92348	3.603713
2.841364	1.974557	4.10943	2.414087	4.05579	2.252061	4.033855	3.341179	1.951305
3.239944	3.736809	2.850964	3.834436	3.114612	2.895547	3.121348	3.373816	3.330999
4.312756	4.384171	3.608737	3.918622	3.974095	4.01159	3.920337	5.150647	3.773863
8.243421	7.312428	8.903705	7.126207	7.234679	6.271736	5.574284	7.873303	6.378653
0.022354	0.050719	-0.02407	0.041743	-0.0094	0.057732	0.082042	-0.05326	-0.05326
1.064059	1.776883	0.996857	0.903154	1.440245	0.92452	0.587864	0.849606	0.282057
2.499417	2.928593	3.040716	3.684804	3.624143	3.628398	3.073656	2.536336	3.803986
6.293537	7.596639	6.865193	5.466017	7.422338	6.223137	6.665548	7.205259	6.557618
0.062682	0.146837	0.068784	1.034211	0.106333	1.145161	-0.02056	-0.03187	0.301909
0.302022	0.188384	0.093513	0.308753	2.179719	1.408134	1.923629	0.282111	0.056873
3.772935	3.430582	4.342004	4.219479	4.101119	4.495436	4.02294	4.052634	4.248405
6.095462	5.492065	6.290903	4.257503	5.486956	5.097452	5.833249	5.745647	5.340731
5.661082	5.386636	4.699142	5.315798	4.896013	5.355946	4.811678	5.119112	5.137627
4.560597	3.383528	4.439798	4.706933	5.079367	2.900535	4.17682	4.116382	3.925352
4.058585	2.862753	2.669513	3.655653	3.285723	4.022065	6.45256	4.505048	4.215818
1.350803	2.317048	0.669974	1.447375	0.899641	2.089395	0.876422	0.939581	1.49352
3.638736	5.140377	3.973371	4.630708	6.024783	7.93823	6.829052	3.927806	3.854222
0.000681	0.114702	0.000681	0.00737	0.023692	0.007201	0.014315	0.000681	0.000681
4.246252	4.948787	7.692358	6.306612	6.508156	9.01172	7.452215	4.882156	4.722826
3.479548	3.896286	3.803032	4.778324	3.495276	4.571474	4.321289	4.121596	4.306514
4.189592	4.052447	4.490479	4.740131	3.868529	5.30731	5.134032	4.786202	4.168879
3.142477	2.861028	2.527239	3.586768	2.96044	3.882298	1.902376	1.660991	3.768243
4.992574	5.396787	4.797187	4.36134	5.534214	4.90965	4.238163	4.557585	5.348999
3.184689	2.697234	0.957796	1.962387	1.886211	0.704939	1.672297	1.837696	1.299048
0.137636	0.017769	0.092052	0.018754	0.180963	0.051128	0.25487	0.007441	0.007441
4.290658	4.333996	3.604446	4.097111	3.515743	5.287517	4.424059	3.64495	3.142082
0.536789	0.49875	0.166879	0.346233	0.404856	0.190589	0.345848	0.229833	0.758631
0.300762	0.083097	0.161927	0.059547	0.249766	0.164891	0.315269	0.271632	0.102497
6.095136	5.808551	7.277544	4.586321	5.287743	8.234943	6.755818	5.745978	4.910273
3.818726	4.082104	4.24713	6.77151	4.545177	2.77002	3.975535	4.544841	4.092954
2.766772	1.99175	1.893182	1.562037	1.959779	2.429024	2.092541	2.914839	2.380699
1.149583	1.027216	1.670814	1.016913	1.879964	0.405201	0.553292	2.012225	0.940634
6.371427	7.406441	7.307519	6.813924	6.783878	10.01439	7.059041	6.268498	6.396091
0.025721	0.03078	0.027785	0.012251	0.012251	0.089823	0.207179	0.059724	0.069133
0.996284	1.555428	2.034454	1.329332	1.244087	3.083045	1.909349	1.335591	1.130357

2.361445	2.243576	2.264085	2.451279	2.335949	3.58723	2.793799	2.870924	2.867435
5.766573	5.006108	7.676201	4.729464	6.427447	5.339216	6.821075	5.484239	5.018501
0.214734	0.508858	0.182049	0.244348	0.499298	0.165433	0.353404	0.296989	0.180241
0.136187	0.17073	0.098234	0.154709	0.156835	0.467115	0.084125	0.068804	0.217202
5.121155	4.827119	3.741173	4.313626	3.572854	3.990857	4.052644	4.453853	4.805558
5.447749	4.980159	5.309344	5.406487	5.050448	5.354103	5.106339	5.147576	4.194789
0.042216	0.126007	0.079756	0.125588	0.095496	0.186451	0.05045	0.08162	0.067534
9.367987	9.68834	8.390129	8.879609	8.841472	8.628972	9.921105	8.969854	11.89436
5.005361	4.980093	5.224701	4.695519	4.357045	5.101176	5.22207	4.564274	5.513982
3.445601	0.438745	0.268084	1.01268	4.922226	5.596012	5.382658	0.268545	0.714453
7.242373	8.054834	6.300467	5.743019	7.042748	8.538548	7.774719	7.467183	6.114438
4.030859	3.654347	3.161392	3.128473	2.390496	2.982772	3.701711	2.611136	3.71683
2.249712	2.332945	3.275641	2.591496	2.568496	3.825031	3.199802	2.824654	3.449463
1.0508	0.876895	1.141873	0.776003	1.205029	1.632663	1.577308	1.019537	1.961764
0.086329	0.051634	0.172361	0.066797	0.056418	0.091748	0.153375	0.033072	0.061841
0.455752	0.423967	0.945425	1.01133	0.669642	0.406992	0.685648	0.124882	0.532697
3.424643	3.581365	5.940197	3.519674	3.801735	5.6397	5.502659	3.828442	4.905933
3.456234	5.120268	1.970446	3.663189	3.026651	6.396626	2.640854	2.198827	2.598378
1.247427	2.265599	2.339574	2.247244	1.494295	3.318595	1.625682	1.077057	2.379997
4.474756	6.88961	6.077599	6.559678	5.914266	4.564122	5.700505	6.048653	4.482883
0.65297	0.294738	0.165291	0.195043	2.500183	0.926131	3.046387	0.506799	1.160713
5.627656	5.562452	3.5611	5.145468	5.037728	5.013418	4.903734	6.51175	4.78214
2.062629	1.746877	1.630783	2.144436	1.412877	0.200545	0.789288	0.113731	2.26502
3.447532	3.34076	3.708915	3.042012	3.070588	3.428356	3.303236	2.414919	3.621837
0.682032	1.007572	0.835402	1.81664	0.987837	1.954369	1.061998	0.629126	1.787496
0.307245	0.320655	0.33584	1.143398	0.92276	0.848881	0.863747	0.228673	1.573994
5.44613	5.337705	5.26621	5.776018	4.401153	5.212631	3.653368	5.346496	4.910306
5.333472	6.042146	4.771803	5.522969	6.968646	7.057365	5.268492	7.171802	4.917523
0.247345	0.722317	0.805408	0.891117	0.583153	1.99112	0.816665	0.417382	0.785465
4.150391	5.80143	5.80973	5.446063	6.45316	7.358418	7.091859	5.728639	4.204208
7.266631	6.259221	7.618986	6.904694	6.899951	4.766045	4.905896	6.370141	6.261618
1.077748	0.899675	0.16819	0.302137	0.193993	0.078502	0.283509	0.448293	0.159016
2.518327	2.421384	2.785443	2.895836	2.723795	3.222644	2.749649	3.195538	2.561594
0.892026	2.318526	2.231853	2.688243	1.998897	2.257337	2.033815	2.060643	1.696977
1.746218	2.48865	2.229701	2.639033	2.495465	4.479624	3.05405	2.345463	2.586997
3.99611	3.506814	4.630334	4.611921	4.431014	1.643049	3.403567	3.918811	4.189931
2.112399	2.227325	1.880887	3.085414	4.126934	1.664804	3.310026	1.365412	1.947631
3.199053	1.247987	3.71143	3.029626	3.735928	2.015981	2.029128	2.753792	1.880123
2.915043	2.626934	3.199908	2.914516	2.790805	4.41842	3.665738	3.339147	4.03474
9.879912	9.984204	10.08671	8.744159	10.07443	10.92584	10.65623	10.10706	8.794015
4.444458	3.911632	4.768857	4.192218	4.24938	3.571357	4.914753	3.731273	4.969821
1.645311	2.050359	4.045379	3.097285	2.745122	4.371095	4.208814	2.2875	3.516142
9.30404	7.740567	7.191609	7.347635	9.587533	5.327833	6.392173	8.117244	6.519316
4.603818	4.505063	3.271648	5.798424	4.751008	2.748394	4.304078	2.536696	3.775022
3.257353	3.525457	3.103056	4.725553	3.169663	2.969564	2.880789	2.969063	3.276854
1.258909	1.465767	0.897073	1.480471	0.766604	0.771088	0.889617	0.706519	1.189726
3.190254	2.328628	2.016618	2.949248	2.666478	3.012975	2.403139	3.07184	2.448082
4.461335	3.558786	4.380676	3.492365	3.338251	3.405859	3.855794	4.057401	4.444006
3.013666	2.931192	2.374727	2.966098	2.462958	3.245354	3.45863	3.149719	3.194431
2.423516	2.445916	1.609335	1.506722	2.393916	0.940378	0.159167	2.456321	0.438178
2.754163	2.591174	2.240545	2.791578	2.60693	3.534861	3.052366	2.50084	2.627855

1.503265	1.652263	1.892811	2.061222	1.477159	1.592188	2.946973	1.659866	2.005369
2.399352	2.591146	2.391184	2.746924	3.571897	1.806803	3.195936	2.912933	2.615365
3.369076	3.711402	3.02269	3.043371	3.298125	3.40227	3.515939	3.256725	3.4068
4.97422	4.456912	4.510574	3.345714	3.960511	4.134211	4.162603	3.96392	3.625114
0.872658	1.452701	0.809691	1.241515	0.902241	1.960818	0.907511	1.144156	1.360184
4.641877	4.757103	4.50517	4.212519	3.77482	4.480721	4.470171	4.415724	5.991492
1.762033	3.124739	1.713039	4.024925	1.768952	2.458535	7.88978	3.546899	5.662279
4.79762	4.522154	4.107678	4.500042	4.821023	4.567885	4.938805	5.428574	4.504055
5.350059	5.340594	4.829964	4.922849	4.689014	4.020932	5.267369	5.696949	4.812341
4.791955	3.714021	4.661484	4.127311	3.952735	4.716367	4.754123	5.029697	3.884649
4.095856	6.313624	4.026682	4.634884	4.995823	5.014572	5.527497	6.321016	5.116753
5.788588	5.723863	5.473145	5.053421	4.845576	5.239363	5.110503	4.934087	5.583742
7.577412	7.797854	6.317249	6.325741	9.74019	4.363658	3.836854	7.526118	6.076866
3.653413	4.319882	4.155926	6.474252	4.198785	3.828758	5.250031	3.849022	5.040506
2.817979	2.873116	2.999	3.515817	3.284741	4.635246	3.121947	2.685602	3.618538
6.429937	7.893297	7.486148	7.705402	7.241143	5.639147	6.396111	6.185013	5.314913
2.224142	2.366253	1.497799	3.659397	2.060109	2.488161	3.930371	3.55056	2.2519
2.400355	2.780957	2.497077	2.176134	2.260782	3.312899	2.795106	2.504212	2.809208
1.98702	3.742687	2.382703	3.659539	3.138986	3.595017	1.834718	2.880153	3.505893
2.772105	3.241749	3.389134	2.109536	2.991703	3.743825	2.726993	1.957417	2.398391
0.260731	2.909201	0.41535	0.290376	0.167927	0.195752	0.902609	0.199881	0.287649
4.937319	4.579773	4.455198	5.360081	4.182776	5.225892	5.553789	5.140878	5.620561
4.516244	4.249234	6.807438	4.631361	5.049694	3.973011	4.548406	4.572156	4.877031
5.415676	5.09961	5.785646	5.754663	5.255067	5.458928	5.555243	6.446746	5.119156
0.621396	0.874557	0.031078	1.211596	0.052735	0.077446	0.558778	0.057871	0.465457
1.803389	2.367325	3.959454	2.299691	1.849235	3.080938	4.113363	2.413673	1.572754
3.863232	4.500231	3.983167	3.39212	3.309273	3.378445	3.569287	2.926446	4.196786
3.977978	4.617118	4.982942	3.603801	4.494504	6.918352	5.695153	4.489488	4.357204
2.200294	1.812199	2.373354	1.932343	1.557629	0.943611	1.997142	1.661647	3.24585
3.785527	4.052306	3.936447	4.210217	4.161087	3.697035	3.75299	5.001525	3.191883
5.607637	6.643833	7.213845	7.615746	6.984128	5.626916	6.3227	6.005071	7.434886
2.217289	1.936214	2.498398	3.038469	2.107067	3.067437	3.128455	2.991792	2.615825
0.688942	0.925624	0.546305	0.629742	0.522396	1.517044	0.781924	0.4078	0.442697
3.92612	4.099632	4.051064	3.149191	3.614552	4.732792	4.719487	3.628486	3.475887
2.226367	3.117453	3.121642	3.675105	3.237762	4.249787	4.119826	4.118342	4.065717
2.880723	0.606005	0.771496	0.859465	2.279127	2.300801	2.291392	1.775269	0.632332
1.587134	1.440329	1.643245	1.842026	2.03482	2.896359	1.613042	1.731963	2.422014
0.209172	0.102066	0.10248	0.128137	0.081589	0.14291	0.661347	0.027991	0.109443
4.629789	4.75308	5.682725	4.340138	4.041282	5.8027	5.839133	4.804643	5.730913
4.069175	5.433611	5.466951	3.766951	4.579026	5.31851	5.039185	5.147521	3.292782
6.374468	5.030964	5.987961	5.42293	6.093657	6.279026	5.411653	5.525142	5.412975
6.068828	6.6746	4.522392	6.254039	4.201419	6.358828	5.204535	5.942817	4.942419
3.218923	4.156961	4.235107	3.096056	3.348351	3.762572	3.415583	2.387865	3.700482
2.831421	2.865498	2.410995	3.352532	3.370025	3.562988	3.688819	3.385597	2.889493
3.954972	3.486792	3.501351	3.39452	3.043925	3.834853	3.817991	3.257196	3.479882
0.247327	0.272302	2.173694	0.264329	0.542368	0.212332	0.085997	0.195148	0.338212
0.770839	0.209259	0.270542	0.12475	0.785453	0.164546	1.046024	0.165314	0.14244
0.560786	0.905024	0.854005	1.997436	0.877009	2.509046	0.894184	0.483392	1.925438
0.780793	1.610545	2.007028	1.164747	1.608795	4.722677	1.618268	1.265469	1.539888
6.745609	6.590482	6.939658	7.274244	6.948845	6.610484	6.370862	6.741246	6.96269
3.704491	3.286356	3.881296	2.978549	3.303053	3.319231	3.389389	3.232718	3.584373

4.99803	4.369849	4.539374	5.077264	4.746572	3.171408	2.848427	4.823975	3.224587
3.629448	3.684432	3.322252	3.55506	2.837628	4.543375	3.915151	2.751127	3.328046
2.90896	3.572275	4.533111	3.283794	2.838536	3.926559	4.973098	2.368108	3.773504
2.720929	1.907277	1.897222	3.145145	3.085689	3.958116	3.512643	3.110619	4.31497
5.875782	3.928692	3.984599	5.013901	4.966017	4.113132	4.273465	4.984789	5.310274
4.576141	4.557286	1.544658	5.241761	4.577099	2.76627	3.715215	5.183204	1.839577
2.539626	2.406065	1.700969	2.733915	1.993955	2.596443	2.942644	2.051924	2.767763

TCGA-E1	TCGA-FG	TCGA-HT	TCGA-DB	TCGA-HT	TCGA-DU	TCGA-DH	TCGA-HT	TCGA-HW
1.250923	0.879856	1.17548	0.737462	0.931176	0.674783	1.012676	0.069233	0.455721
0.65415	0.805088	1.254135	1.27551	2.218364	0.943124	0.580385	1.0101	0.477223
5.350668	5.460828	4.834954	4.002805	5.361035	4.953895	5.89415	4.92485	6.021074
4.711587	4.217826	2.854072	1.377437	6.274897	7.209544	4.742338	4.44676	7.223308
0.848137	0.71641	0.626588	1.214402	1.073247	0.697893	0.379161	1.643614	0.973414
6.812937	6.56138	7.902837	6.43933	6.631086	6.805423	5.876253	8.191601	8.01211
6.175872	5.815691	6.916865	4.969044	5.774721	6.272355	6.936165	5.585392	5.279931
1.308754	0.836279	0.496549	0.534415	0.538243	0.481283	0.627088	1.14098	0.82645
0.097598	0.018051	0.841172	0.130551	0.25199	0.07344	-0.03246	0.319851	-0.05508
6.344573	5.825122	4.326771	5.441157	4.799272	6.272427	6.738166	6.494428	6.680636
5.158892	3.963558	4.567707	5.100655	5.785121	5.327818	4.980636	7.740017	5.823684
3.683751	2.985807	2.418128	3.119008	3.045696	3.433094	2.474312	2.317795	3.015659
0.937106	1.042881	2.012262	1.566256	2.768343	2.823058	1.996571	2.353628	0.538789
4.189788	3.618418	4.947903	2.3014	2.695639	3.06577	3.511494	2.902139	4.007429
5.337289	5.434526	6.521836	6.529435	5.265013	6.510739	5.772946	5.289901	3.457626
3.200972	3.658212	5.328837	3.650942	2.890128	2.416783	3.429067	3.250389	2.690341
0.725649	0.712475	2.593274	0.727871	1.490474	0.498697	0.653323	0.894084	0.661202
7.448917	8.248783	9.253335	7.534325	8.307134	8.22473	8.272607	8.381634	6.557287
5.699056	5.15055	3.926535	5.223053	4.755396	6.069055	4.541324	6.292236	4.573422
2.831424	3.140075	5.135755	4.741736	3.938447	3.703365	2.969231	6.459624	3.403729
3.279713	3.323876	2.012842	3.773129	3.228169	3.651462	4.027144	2.374205	2.686443
3.234682	3.831313	2.916196	3.84634	3.988926	3.399602	1.93731	2.19467	2.691509
2.950473	2.976804	3.988351	2.981413	2.942787	2.603868	3.261722	3.22846	2.865912
0.523265	0.374845	3.738868	0.45861	0.345377	0.192382	0.352435	0.726654	0.28902
3.068531	3.17288	4.466069	3.229212	3.456289	2.494225	3.736089	4.115348	4.137545
3.29601	3.105772	4.723585	3.132231	2.949186	3.761501	3.828324	3.109059	2.475896
1.229032	0.653923	0.222399	1.088582	0.724924	0.745365	0.407228	1.164716	0.699804
5.237399	3.668144	5.912382	5.091529	5.06949	4.757829	3.466167	5.848287	4.540026
3.571494	3.516003	2.192185	2.280793	2.336462	1.889194	1.67489	2.513568	2.600019
5.097354	4.159975	4.353179	4.454458	4.31467	4.660189	4.07316	5.141774	4.466034
0.796195	1.168572	2.500565	2.588838	3.439865	2.753851	1.56081	1.952198	0.536336
4.58923	4.940993	4.537953	5.117743	4.307712	5.335248	5.364275	4.10269	5.101293
4.799765	4.778118	5.584223	5.685244	4.561005	5.383718	4.773223	5.149744	3.857282
2.82952	2.640286	3.650474	3.024397	3.230887	4.131029	3.006573	3.056028	2.322701
3.130016	2.564246	4.663355	2.378871	2.071687	3.926868	1.979624	2.462743	2.695444
2.375168	2.037112	3.209978	3.104711	3.406966	2.880343	2.098742	2.991442	1.468938
4.957796	5.061606	5.126728	4.759734	5.213554	4.690333	5.624259	6.081429	5.929267
3.668027	3.319859	4.230407	3.156435	3.764267	3.619579	3.610806	2.646935	3.929201
4.531319	4.47932	5.05048	4.82363	4.425206	4.627494	4.744156	4.346345	4.826263
0.069898	0.081317	0.12036	0.083384	0.08429	0.117536	0.121686	0.184785	0.124898
0.487101	0.397769	4.559279	0.147945	0.454739	0.220717	0.664574	0.771823	0.944335
2.095406	2.656706	2.593285	2.134756	2.436071	1.276112	2.415163	3.265505	2.930106
1.532861	1.329445	2.574434	2.682821	4.251734	2.17826	1.173299	1.831503	0.704642
1.658032	1.420233	1.604854	1.025467	0.675093	0.288298	1.783564	0.875483	0.421431
1.250696	1.084228	1.987536	0.173492	1.219941	0.904505	0.575036	0.983455	1.268376
8.581601	9.656369	10.4099	9.452907	11.78872	10.02738	10.32207	10.785	9.21182
6.486321	6.691334	2.954551	5.165042	5.145502	6.30162	6.882784	4.170292	6.987778
4.733604	5.039203	3.33568	3.098475	3.377451	3.542612	5.939241	4.193503	4.156517
1.629776	0.831197	1.697873	0.874918	1.14815	0.323409	0.518115	3.667162	1.603888

0.909973	1.016144	0.708814	0.679097	0.438836	1.490762	0.86039	0.407108	0.761274
1.301244	0.246227	0.440171	0.564983	0.564591	0.355633	0.597607	0.967936	1.258306
2.408862	1.560132	2.079312	2.108362	2.180658	1.782284	1.90644	3.995864	2.577444
4.331091	5.049376	5.455358	3.887048	3.527749	3.267486	5.230966	7.384877	3.879009
3.338253	4.350014	5.664281	4.037688	3.896787	3.741043	4.826822	3.538864	2.70345
0.084724	0.102388	0.318021	0.095518	1.499167	0.040759	0.088728	0.35356	0.065062
0.745397	0.465615	3.847961	0.703136	0.609043	1.07456	0.836708	2.021422	1.489212
5.385621	5.63141	7.730121	7.688973	8.532291	8.260258	7.79421	8.194293	4.848614
6.914202	8.938335	8.625674	8.67939	8.568957	9.215811	9.325058	9.329697	7.944713
3.850192	3.216723	4.532179	3.465202	4.91398	3.729385	2.813439	4.982894	4.974926
1.48785	0.999827	2.913638	1.008694	3.903031	3.956736	1.439001	1.33235	0.757262
4.670763	5.482945	5.305396	4.689951	4.152064	4.165564	5.578676	5.312063	6.811863
1.260704	1.109652	1.203073	0.565469	8.597173	1.318708	0.725517	2.062562	0.574636
3.996941	3.093935	3.083086	3.382146	3.151578	3.391745	3.292281	3.699226	2.467845
0.792709	0.809192	0.439277	0.557894	0.530507	1.057969	0.843241	0.657938	3.784014
8.378312	8.838111	8.51114	8.678971	7.74578	8.897922	8.948842	7.672322	9.07828
3.168869	2.221808	3.395129	3.622178	3.120487	2.823767	2.174276	3.927068	2.540465
3.759648	3.615555	4.569151	4.818922	3.980504	4.291289	3.555588	6.336802	3.502937
1.015613	0.218939	0.456818	0.877651	0.813374	0.54018	0.214293	1.169219	1.335245
5.523012	4.728483	3.898331	4.929639	4.66753	5.330178	5.839303	5.201572	5.50905
3.70282	3.747617	3.216575	3.4695	3.292176	3.074391	3.085076	3.171802	3.739544
1.213467	1.394984	3.285724	2.193181	4.043594	1.49051	1.590441	2.324319	1.445777
2.802607	2.582222	3.818191	2.697489	3.129313	2.203489	1.90789	3.590371	2.578155
5.026689	4.931607	3.337298	3.11144	3.140748	3.188143	4.428767	4.56325	4.894146
4.765703	5.759025	5.270801	2.408548	3.791254	3.418341	3.518822	3.108264	5.16945
1.866859	4.148209	1.406071	3.842891	3.7084	2.560636	4.321266	3.379448	1.50511
2.867291	2.97022	4.42087	3.006346	3.256972	2.380048	2.895797	1.877871	1.784544
2.244059	2.43631	3.931613	2.844504	3.169058	3.304351	2.425731	3.881936	1.887052
3.573083	1.985076	3.17001	2.997651	2.626171	2.584918	1.961952	3.277312	2.136601
3.682404	3.577133	2.758689	3.170976	2.998056	2.839019	3.119469	3.11147	2.972121
3.006533	2.065731	2.378696	1.221002	2.090714	1.628456	2.858288	1.459999	0.878109
4.09915	2.751494	3.28751	3.886785	4.320487	3.254706	3.029883	4.044244	4.794358
6.283224	7.479465	7.877333	6.559195	6.94101	7.618283	8.481592	8.738148	8.251131
1.08855	0.778554	1.114764	0.989508	0.967159	0.846042	0.408201	1.252948	0.653476
5.092939	4.914312	6.630763	6.003677	5.544815	5.274345	6.036357	6.022102	5.523912
0.829662	0.62675	0.725937	0.573316	0.824532	0.836547	1.059344	0.965921	0.89888
3.947098	3.150468	3.928483	3.767185	3.676475	3.049375	2.837839	4.114659	2.375886
2.802307	2.726619	2.333515	3.448723	2.830415	3.781514	3.969989	2.846078	3.33234
1.77895	1.185827	2.552534	2.109035	2.377617	1.609498	1.40317	2.124341	1.337372
3.53577	2.786724	4.019098	2.545284	3.162587	3.48873	3.532171	3.169761	3.747066
6.293603	7.369705	7.075398	3.343246	4.220437	5.11203	7.28216	3.325471	6.407296
1.408442	0.144728	0.326089	0.139475	0.377545	1.319597	0.388171	0.771736	0.797578
1.77043	2.249169	3.231339	2.497568	5.456007	2.091981	2.273659	2.918405	1.698018
0.299995	0.078812	0.426845	2.899544	0.014082	0.244098	1.244566	0.055026	0.451229
3.073363	3.146018	4.154856	3.138384	5.915503	4.13264	4.832709	3.632359	3.031406
2.17531	0.878177	0.969458	1.980472	2.265602	1.534391	0.678671	2.568488	2.312615
4.341467	2.815124	3.498647	3.601241	3.864024	2.711643	2.946707	4.368286	3.498591
2.551535	2.6339	3.046961	2.459051	3.518849	3.66432	2.943515	3.125177	2.480852
5.739474	5.274632	5.048561	6.532937	5.501462	4.090706	6.330616	6.903224	5.699145
1.132012	1.452222	3.207632	2.176011	5.077327	2.189485	0.939602	1.918897	0.373506
6.830921	7.288654	5.998065	7.266765	6.852865	6.35821	7.206529	6.429858	4.919135

2.138351	1.620846	2.345481	1.111571	1.794227	5.06053	3.011169	2.833882	2.944019
1.922383	1.215525	2.432977	2.953415	2.421834	2.008487	1.150911	3.72232	1.759779
2.560509	2.685598	2.909919	3.544641	3.363669	3.594119	3.461893	3.37985	3.443491
-0.01725	0.072981	0.208121	0.449072	0.010243	0.17837	0.221175	0.258936	0.054617
7.594182	8.319256	7.391014	8.183752	7.635352	7.391069	8.974522	7.39017	9.22186
4.316611	3.947288	5.172755	4.507556	5.216631	3.649446	3.670333	4.742576	4.407905
1.44582	2.241283	6.278148	2.433746	3.161545	1.67671	2.411749	2.880124	2.92397
0.758632	0.697523	1.900709	0.226169	1.320134	1.671051	0.518883	1.292235	1.246624
4.866096	4.763932	5.673977	4.476956	4.304709	4.639577	4.715776	5.642323	4.246467
1.353229	1.125401	3.794567	1.095079	2.652865	0.923003	0.576985	1.215994	0.605218
2.968081	2.066341	2.510384	2.800319	2.436116	1.845617	2.052437	2.976556	2.200741
3.20632	2.69067	2.043092	3.273601	3.501941	3.407557	2.420404	3.570651	2.512929
0.52823	0.12854	0.00606	0.168029	0.154546	0.059978	0.017005	0.099066	0.677431
0.047435	0.014434	-0.06091	0.083821	0.269886	0.250565	-0.01089	-0.02908	-0.01297
2.851663	4.568057	3.78021	3.653518	3.676554	3.713154	3.314939	3.194243	2.358537
3.86554	4.473328	0.400357	3.685056	2.894063	2.678028	4.970683	1.142881	4.109551
2.36744	3.967342	3.012068	4.158567	3.151077	2.528221	2.10452	1.991696	1.010216
4.185929	2.676422	1.784284	3.663139	2.958594	3.312411	2.962312	3.428077	2.833424
5.136333	3.471307	3.68995	3.162705	4.854405	3.539527	3.921783	4.973041	3.35692
6.242199	7.134201	6.757908	7.476724	5.932876	6.434206	7.80955	5.443668	6.262043
0.243995	0.08108	0.897475	-0.05326	0.19376	-0.03292	-0.03461	-0.00604	-0.00571
0.666875	1.248749	2.983816	0.727392	0.827388	0.321331	0.475631	0.795813	0.6208
3.761591	2.008479	2.366087	3.156082	3.731273	2.679212	1.738487	2.557783	2.057695
5.646187	6.92373	5.3248	6.669335	6.549184	5.774356	6.275152	7.82065	6.856145
0.250476	0.020288	-0.01128	0.201259	0.019938	0.015137	-0.00487	0.228346	0.023141
0.850481	0.415864	1.664308	0.361199	0.819417	1.534027	0.651923	0.658866	1.952406
4.255805	3.639888	4.33816	4.659911	4.928202	3.644636	3.665128	5.70858	2.543177
5.118948	5.711766	5.13899	4.720187	5.450572	5.997363	6.086457	4.75032	5.949189
5.839017	5.419456	4.136421	5.098725	5.080498	5.058514	5.065739	5.513203	5.06856
4.177446	4.917004	5.36184	4.596236	4.282627	3.795704	4.21748	3.980441	2.896315
3.962111	3.55261	4.249142	3.870859	3.917094	3.345298	4.381025	4.215652	3.516043
1.051794	0.625136	1.76789	0.544639	1.10722	1.373481	1.032425	1.9857	1.181813
4.866699	3.957089	5.109569	4.75872	6.046956	6.693963	5.656667	5.652538	6.682167
0.113148	0.047806	0.000681	0.000681	0.006963	0.000681	0.000681	0.00896	0.025628
5.518507	4.807033	6.555395	6.382211	5.50619	6.79589	4.937297	6.790528	5.22656
4.183826	3.160621	4.782884	3.829145	4.108392	3.778983	3.343069	3.633994	2.146015
4.408238	3.992013	5.637618	4.560553	5.286578	4.809829	4.758815	4.521269	2.774851
3.319369	1.262755	3.348022	2.796189	2.824725	1.470022	1.245738	3.173819	2.736292
5.124359	4.773121	6.320323	3.660109	4.554279	4.944647	5.066985	5.978289	5.506338
2.54952	2.309598	4.043896	1.539868	1.349251	4.13377	2.61206	3.657684	2.808148
0.357053	0.453214	0.007441	0.039764	0.070217	0.01948	0.018484	0.129425	0.143372
4.409532	3.914879	4.729625	3.897948	4.764568	3.472815	4.134887	6.20556	4.445103
0.311933	0.345084	0.4096	0.428684	0.193341	0.422928	0.307283	0.428443	0.736858
0.224866	0.145544	0.052709	0.09647	0.061246	0.116631	0.053264	0.071776	0.02029
6.060498	5.210532	5.750041	5.217903	6.023404	4.706391	5.805358	5.668433	5.611997
3.61191	3.933555	3.526509	5.630158	3.869782	4.397614	3.720362	3.238163	2.662343
3.05821	2.094052	2.817018	1.73251	2.402582	2.219928	2.184976	1.916073	2.144303
1.204524	0.988737	1.977248	2.984076	0.949593	1.152382	0.991521	0.552873	0.648832
6.830608	5.564217	6.421377	6.147899	7.283917	7.543394	6.126755	6.41563	6.927356
0.108825	0.048029	0.012251	0.041331	0.031312	0.023085	0.012251	0.190671	0.024933
1.166616	1.075202	3.589482	1.070312	2.957048	1.721497	1.283884	1.615865	1.687758

2.712719	2.058144	2.782128	2.659321	3.064406	2.641309	2.609247	2.903282	1.470982
4.857136	5.625143	6.725047	5.320362	5.745922	5.602426	5.50397	6.186687	5.096563
0.228238	0.235151	0.995579	0.27432	0.23266	0.128872	0.170994	0.256946	0.079314
0.208252	0.140483	0.223365	0.181416	0.218466	0.073468	0.152394	0.731408	0.237202
3.910804	4.175579	5.26236	4.227866	4.911222	4.540112	3.919718	4.500198	4.12064
6.091719	5.69837	3.104775	4.968582	4.530378	5.25743	5.321419	4.950194	5.062155
0.116669	0.036145	0.124712	0.06818	0.068435	0.075287	0.035425	0.1344	0.06138
9.188651	9.405201	9.110207	10.00061	10.60012	10.33196	10.08668	11.92096	11.74783
4.927821	4.035635	4.6791	4.393566	5.006916	5.333013	5.251243	5.507055	4.829349
1.216261	0.384192	1.444547	0.640521	3.890894	4.712788	2.484262	1.439196	0.327865
6.848082	5.923674	8.90561	4.181395	7.126929	5.889812	6.728966	5.754261	7.855532
3.491666	3.595957	3.318407	3.822807	3.902434	4.094676	3.839859	4.02433	3.174342
3.0179	2.579064	2.938173	3.725262	3.780639	3.60596	2.011434	3.765369	1.930402
1.088476	0.77815	1.35105	0.698625	1.702296	1.129592	0.688179	0.989346	0.88553
0.114154	0.033072	0.04989	0.071792	0.225154	0.054699	0.04633	0.049869	0.049987
0.705258	0.748992	1.175916	1.168496	0.664118	0.338305	0.628077	0.712563	0.794175
3.512325	3.901583	6.169299	5.536762	5.195609	5.582306	3.849687	5.039624	4.75603
3.169593	2.885315	9.00867	2.894072	3.177579	4.555932	3.648753	5.1001	2.780395
1.893767	0.524268	2.693894	1.213035	3.171791	1.812585	1.838934	2.939438	0.640654
5.469882	5.191887	5.683443	5.649926	3.606775	4.766477	5.311358	4.018466	5.773517
0.969818	0.27465	0.423245	0.951391	3.401441	0.803127	2.076603	1.462211	0.356895
6.605862	6.327347	6.183824	4.201055	3.814907	6.828347	6.338744	5.216634	5.705167
1.302112	0.620942	1.660583	1.666472	1.01383	1.734416	1.210456	1.658774	3.392742
2.643489	2.785679	3.12009	2.750241	3.250915	2.77434	2.938609	3.885771	4.073328
1.526403	0.861968	2.484106	1.145214	1.838629	0.656681	0.536036	4.19362	1.672829
0.200069	0.123327	0.820555	0.648555	1.178486	0.267584	0.000636	0.558063	0.720316
4.8782	5.567117	4.081447	4.725146	4.334906	4.618914	5.461847	4.417632	5.117496
5.133215	6.28617	5.71679	5.48607	5.38045	5.962012	6.337116	3.856409	3.468758
0.413109	0.322683	0.746121	0.695858	2.089691	0.328183	0.259002	0.718637	0.258594
5.385796	4.597393	5.083611	5.340911	4.333394	6.821259	5.943174	5.036772	6.044176
5.821017	7.182707	6.501976	7.50537	6.597925	7.686992	7.145951	6.8315	4.462256
0.746293	0.398235	0.079256	0.136172	0.150175	0.2348	0.146296	0.164587	0.370828
2.96401	2.580084	2.890051	2.758399	2.761865	3.143856	2.536003	2.440547	1.222619
1.471022	0.983802	2.408917	1.92958	2.065962	1.610823	1.342463	1.540119	0.515081
2.690078	2.684563	3.911723	2.174765	2.779894	3.315966	1.912274	2.318734	1.845441
3.619035	4.312207	3.551345	4.573122	4.003982	4.022618	3.91575	2.347191	2.033078
1.86383	1.323615	2.190316	1.627721	2.813272	2.26528	1.677629	1.425024	2.576135
2.517042	2.84687	2.93047	2.712442	2.794315	2.504282	1.548787	2.305216	1.723731
2.775688	2.797732	4.192708	4.15398	3.874396	3.86744	2.900665	4.515121	2.224537
9.708378	9.192562	8.316286	8.149671	9.903395	9.038152	10.25813	9.064667	9.414268
3.924004	3.721667	7.191909	5.160375	4.307804	4.533308	4.055455	2.922495	3.608065
1.383836	1.697425	3.592566	3.448796	5.205216	2.467191	1.769899	3.194003	0.087959
7.29639	9.205481	5.807104	7.443053	6.754568	6.871742	7.826894	6.89244	5.210145
3.835716	3.582391	2.53892	3.796151	3.393252	3.575013	4.152222	4.986639	3.637023
3.878899	2.880848	1.407478	4.373535	2.977027	2.87179	2.811029	3.642492	3.335138
1.420512	0.79403	1.711738	0.462918	0.960769	0.564327	0.480142	1.595647	1.867741
2.854948	3.219167	3.103244	3.006032	2.808916	2.761269	2.643202	2.957183	2.010259
3.743048	4.01044	2.769417	2.899232	2.69275	4.22511	4.826797	3.01399	3.709151
3.434356	2.701958	3.972393	3.209488	3.311816	3.050144	2.983208	3.713879	2.052763
1.676072	2.303657	0.640029	1.602648	1.240908	0.962948	2.430546	1.145964	1.047172
2.850532	2.553396	2.893142	3.079625	5.345728	2.729993	2.3146	4.127896	2.490267

2.243977	1.021489	1.35174	1.731624	1.829806	1.399634	1.380395	0.95428	0.83589
3.130047	3.26472	3.006461	3.153907	3.361898	1.942054	2.471924	3.159119	1.028748
4.60313	2.909089	2.915115	3.008951	2.833875	5.711292	3.22595	5.054415	6.994155
3.261079	3.714256	4.877817	3.77401	4.726235	3.079226	4.918537	4.495823	3.811335
1.74615	1.253284	2.959862	1.044358	1.746675	0.899841	1.082574	4.588934	1.408771
4.337977	4.106308	4.014722	3.988616	5.417126	4.462942	4.397709	4.639638	3.435989
2.75631	2.64324	5.528979	1.701044	3.068806	3.506882	3.222404	4.626274	3.700794
4.757359	4.243693	5.523278	4.609273	4.95204	5.080611	4.715608	4.078373	4.603351
5.247169	4.692138	4.006643	4.87324	3.989753	4.503304	5.112514	3.765115	4.41245
4.648639	5.260294	5.270404	4.966577	4.243689	5.17824	4.829647	3.160752	3.035528
5.820793	4.894577	6.230823	4.407678	3.49503	7.397147	5.722932	5.132267	6.214925
5.647827	4.741518	6.119922	5.431375	5.332996	5.247565	5.463417	6.085851	5.470362
5.869562	6.971194	1.808543	6.644755	5.739243	2.846465	7.45222	5.26652	3.368112
5.74566	3.611556	7.819698	5.614828	4.461837	5.157675	4.306881	3.954564	4.172852
2.713914	2.720463	5.139087	3.599449	3.748364	4.306139	2.811845	4.90918	2.938131
5.128162	5.847848	6.601934	7.849054	4.876854	6.249053	6.091471	5.301501	6.198718
3.350689	2.154005	3.761679	3.08876	2.193915	2.981878	2.412655	1.642289	1.155822
2.521425	2.080656	4.247398	2.64993	2.996847	2.209932	2.317206	3.091609	1.700025
2.00069	1.848183	4.00508	2.599448	2.303642	2.705645	2.543222	2.300664	2.194294
2.151749	2.107067	5.670528	2.070104	3.863465	2.376458	2.226463	2.821364	3.218983
0.149946	0.481941	0.295577	0.084716	0.906911	0.186712	0.067361	0.094421	0.20732
5.45982	5.215666	4.791446	5.31113	4.791286	5.612392	5.673431	6.136299	5.086867
3.831058	4.235145	5.092101	5.016741	4.748759	4.385684	4.329392	5.401754	3.195975
5.706645	5.755322	4.542197	5.957421	5.507801	5.830577	6.25408	5.078112	4.644055
0.850656	0.429714	2.280341	-0.05978	-0.03486	0.097054	0.234834	0.200926	0.136594
1.881293	2.330443	0.57694	2.015103	2.594167	2.783446	2.576826	0.604262	2.241044
3.290789	3.263665	4.597006	4.698107	3.727874	2.945149	3.350007	5.654349	3.782897
3.590588	4.071343	6.487452	3.984849	5.541501	4.728673	3.758417	3.707814	0.910724
2.033387	1.860217	2.44138	1.61488	2.217766	1.794981	1.692826	1.80263	1.957294
4.123993	3.42447	4.316416	4.41958	2.888728	3.439344	3.122063	2.803453	3.096331
5.858707	6.780529	7.282492	7.106386	6.569514	5.73441	6.255586	6.625631	7.368038
2.966854	2.327602	3.10752	3.373946	2.479022	2.941124	2.048796	3.048741	1.107929
1.082557	0.265282	0.311364	0.706321	0.753353	0.543401	0.712079	0.971891	0.38831
3.965751	3.991558	6.049276	4.182074	4.518479	3.996367	3.910245	5.066635	5.052121
3.477334	3.312555	5.422592	3.765072	4.790835	3.64723	3.585845	4.375616	2.441975
4.396852	4.591156	2.581547	0.599412	0.707376	0.797001	0.664802	2.448295	3.198584
1.438552	1.56221	3.738776	1.372363	2.345015	0.799007	1.494328	1.998169	1.142363
0.141029	0.611171	1.269084	0.136568	0.069873	0.228253	0.107851	0.99603	0.18756
4.64822	4.682163	5.220068	5.914437	5.633137	5.962202	4.720384	6.023774	4.31142
2.363122	3.646611	6.01429	2.754335	5.825259	2.466979	4.294292	3.917223	2.459457
5.169123	6.553374	8.882233	5.555462	6.908058	5.742842	6.466976	6.868146	5.15683
6.385834	5.911943	5.754073	5.351214	5.243258	6.815892	5.901912	6.123497	5.61583
3.34376	2.679883	4.954024	3.82778	4.007765	2.894335	2.5246	3.463878	3.398058
3.352105	3.023838	3.109084	3.50879	3.326205	3.2439	2.626457	3.853896	2.362382
3.43025	3.306619	3.417776	3.643095	3.526969	3.464238	3.480675	3.21439	3.544069
0.036011	0.8254	0.193693	0.836835	0.190334	0.303614	0.674041	0.290693	0.112138
1.472615	2.30666	0.152213	0.143202	0.237867	0.081835	0.137484	1.624844	0.379987
1.212202	1.576552	4.576843	1.171149	2.93446	0.349889	0.421468	4.010544	2.452165
1.99501	0.827595	3.472104	1.541242	1.336911	1.152893	0.937926	2.225945	1.780044
6.838736	6.3274	7.494334	6.083114	6.160405	7.150719	7.055793	7.079916	6.819013
3.160382	3.117759	3.286905	3.194463	3.520375	2.574315	3.245548	4.251425	3.838073

4.538134	5.23438	5.596477	4.789214	3.4912	3.923262	4.409676	4.239695	3.379325
4.059668	2.821743	4.230004	4.109299	3.922301	4.13188	3.111017	4.628285	2.931761
4.034785	2.857271	2.933082	4.926925	4.811673	3.545151	2.19554	2.501349	3.691106
3.133583	2.895674	5.778036	2.228862	3.147869	3.958595	2.864132	3.380667	2.744938
5.435515	6.49308	4.060697	5.56714	4.524464	4.650653	5.257499	4.289717	3.248364
5.329852	5.079389	4.594954	4.319538	2.403235	2.286301	4.380396	3.658073	3.690436
2.814388	1.708386	2.263919	2.720776	2.784092	2.117743	1.76896	3.30869	1.892259

TCGA-P5	TCGA-E1	TCGA-DU	TCGA-FG	TCGA-P5	TCGA-QH	TCGA-S9	TCGA-TM	TCGA-DB
0.518505	0.192455	0.94373	1.000532	0.6333	1.400302	1.305156	0.608455	0.849592
1.643095	1.142984	1.60624	1.710174	1.058814	2.446153	2.534266	1.717569	0.882506
4.818335	5.877873	4.96186	4.667791	5.623681	4.6563	4.799762	5.675207	5.656114
2.562147	5.346224	4.535639	1.530881	7.154947	5.088797	1.950959	1.917912	3.133243
1.297667	0.48816	0.952949	0.81836	0.791834	0.919806	1.166751	1.494006	0.652208
6.622799	6.823563	6.584299	7.268637	7.402126	7.715159	7.039865	6.952903	6.390337
5.733831	5.826337	5.340701	6.005399	6.319916	5.540593	5.623983	5.558681	6.381658
0.722732	0.765322	0.754453	0.475223	0.621683	0.533149	0.840093	0.878575	0.796293
0.007294	0.082156	0.224432	0.00039	-0.09547	0.139437	0.146869	0.519729	-0.01453
5.026529	4.556957	5.331357	4.836689	6.106182	5.488013	4.89037	4.993555	6.751089
4.805748	5.155639	3.92126	5.175583	6.258707	4.852084	4.360743	5.964917	4.868983
3.248375	2.302395	2.825786	2.760318	2.266227	2.864503	2.899961	3.145943	3.266029
1.469249	1.472264	1.869875	2.038298	1.67129	2.096109	2.980826	1.76468	2.076467
3.418826	3.097074	3.125551	3.025016	2.400456	3.488841	2.768997	2.178518	3.931717
5.150407	4.122038	6.085501	5.694863	4.102254	5.658561	6.046777	4.819584	6.107059
2.650969	3.806683	3.478566	2.857293	3.001491	2.95403	3.471369	2.820306	3.268397
1.117516	1.345103	1.193712	0.937761	0.480288	0.798085	1.188415	1.615449	0.808184
7.288132	8.970852	8.409778	8.918398	8.540096	8.574212	7.758425	7.728326	7.621001
6.145015	2.977094	5.444852	5.144013	3.500277	5.618303	5.002684	5.866354	5.154669
3.497407	4.322989	3.524925	4.630736	2.840853	4.381381	3.219286	3.756697	3.630222
2.869272	2.645584	3.779375	3.029662	2.469874	2.916392	3.489285	1.97518	3.539764
2.79616	2.802458	4.034496	3.705286	4.563465	4.087821	4.145348	3.864384	2.836957
2.382328	2.986355	2.844248	2.967482	2.068272	2.953924	3.1149	2.675284	3.155139
0.362381	0.689888	0.769244	0.588401	0.260438	0.234632	0.402272	0.575613	0.39677
2.336585	3.810678	3.031134	2.86547	3.600323	3.095618	3.08811	3.096399	4.308237
3.208794	2.073599	3.1249	2.610513	2.960444	2.819873	3.798365	2.929912	4.368246
1.208001	1.361265	0.698606	1.070624	1.414455	1.221523	0.352077	1.788686	1.144529
5.805788	5.341585	4.193125	4.734885	3.846517	4.360359	4.603012	6.846063	4.804112
2.369346	3.004108	2.380279	1.876512	2.266415	2.568377	2.403743	2.558387	2.301089
4.60883	4.209181	4.338933	4.352599	4.27379	4.463668	4.371881	4.484186	4.873386
2.389184	2.691164	2.242263	2.714612	3.044843	3.158836	1.997792	2.653766	1.465536
3.693867	4.975421	4.473645	3.473934	4.174214	5.061112	3.889594	5.187274	4.820962
4.258129	4.684819	5.055829	5.77079	5.323129	5.429353	5.201634	5.6899	4.621953
2.904929	2.778229	2.810601	2.658058	2.412793	2.205196	3.497417	2.936043	2.918824
3.007317	1.927243	1.587745	1.71144	2.251286	2.343829	1.693666	1.837777	3.195704
2.589753	1.895175	2.304636	2.722283	1.634284	2.552463	2.823665	3.210333	2.541168
5.164556	5.06697	5.051258	4.990832	6.598058	5.213617	4.72091	4.41848	5.603036
3.682771	4.318427	3.578008	3.417473	3.505185	3.52888	3.655442	3.809837	4.708966
4.564655	4.458333	4.922946	5.347999	3.812667	4.641612	4.776467	3.96492	4.823482
0.124847	0.063369	0.115538	0.109825	0.062848	0.087314	0.206344	0.075271	0.074809
0.161218	0.326351	0.364785	0.286549	0.858941	0.649061	0.882158	0.263653	1.106771
2.317236	2.205856	3.024881	1.783748	1.882371	2.451975	2.49379	2.353057	2.597197
2.315802	4.063188	2.224497	2.621259	2.095161	2.132294	2.294173	2.304594	2.866902
0.778586	0.871461	2.563372	1.109221	0.370958	1.051574	1.864233	0.755119	1.509006
0.497536	0.935429	0.315626	0.421084	0.346971	0.673778	0.42758	0.518637	0.588691
10.78699	11.09371	9.198522	10.55743	11.07559	10.46341	8.683298	9.694558	10.83555
5.997782	4.475202	7.026048	5.195654	5.718829	6.138322	6.058239	5.95611	6.694586
4.301412	2.881528	4.375984	3.25384	4.148678	3.805883	3.606336	2.825173	5.716307
0.861882	1.523408	0.756212	0.931454	0.49459	0.810798	0.767081	1.370108	1.587083

0.54421	0.730125	1.152918	0.771541	0.454154	0.750878	1.20224	0.938895	0.998927
0.776747	0.590292	0.517366	0.568257	0.21269	0.667407	0.893921	1.954281	1.242019
2.72838	1.818471	1.724024	1.833133	1.97162	1.989593	1.402983	2.913415	2.201916
3.430008	4.772168	4.262052	4.014713	4.268106	3.971043	4.746733	3.251788	5.089317
3.777711	5.012347	4.31486	4.565238	5.624421	4.817353	4.057071	3.001673	4.204615
0.181371	0.070269	0.092509	0.24081	0.113524	0.167336	0.109386	0.078478	0.227595
1.066761	0.8896	0.753396	0.486168	0.435148	0.359351	1.179673	0.577602	0.927574
8.320536	7.878798	6.804355	8.086615	4.207866	7.707622	7.141403	6.697594	6.759911
7.305925	8.910528	9.413707	9.075313	10.13061	9.413451	8.649896	6.248385	8.927087
3.901465	4.739239	2.816957	3.173027	2.808393	3.500236	3.684973	4.902609	4.077591
1.318051	0.989671	1.504295	1.51216	0.557678	1.020647	1.561548	1.630106	1.31848
4.846222	6.536621	4.644787	3.777323	8.223363	5.225326	4.298918	5.278803	5.159043
1.847847	1.255018	1.212634	0.955573	1.541931	0.869087	1.059362	1.231421	1.650889
3.680102	2.786458	3.260913	2.941414	2.62504	3.090071	3.179385	4.623937	3.691274
2.585505	1.281298	2.211037	0.792655	0.462422	0.626791	1.145139	0.751127	0.785645
10.02905	12.22952	8.246758	7.995349	8.215572	8.533006	6.292467	5.474972	6.228602
3.271892	3.125646	2.306163	3.559163	0.903701	2.867898	2.946165	3.732807	2.893996
3.926764	3.643745	3.283557	4.120774	3.166429	3.57132	3.417226	3.518295	4.064418
1.482387	1.311115	0.744382	0.745851	1.054887	0.951165	0.509337	1.868355	0.543958
4.646009	4.003347	4.917168	5.486373	6.188088	5.849459	4.841775	4.330963	5.966602
3.256425	3.176915	3.337819	3.49316	3.116236	3.381157	3.197309	3.554626	3.663285
2.34937	2.425026	1.695632	2.637676	2.537986	2.45839	1.602317	1.86868	2.098613
2.931757	3.012086	3.160864	2.689914	1.935355	2.367141	2.398689	3.222692	2.628356
3.562233	4.824492	3.910086	3.553232	3.612882	3.927322	3.501519	3.232802	4.685656
3.886571	6.662339	2.964098	2.986952	2.741046	4.281603	4.963292	3.656573	4.176552
5.157339	6.189627	3.452304	5.163502	2.341378	4.498712	1.7645	0.965491	4.107504
1.976835	4.178036	2.887894	3.39892	3.477509	3.331865	2.79889	2.666566	3.316823
3.808537	2.150235	2.783946	3.084218	2.803355	2.651593	2.941894	3.775765	3.014218
3.650395	2.146257	2.956752	2.707345	1.950073	2.603711	2.040471	3.475277	2.608823
3.254992	2.447949	3.774747	3.139876	2.668602	3.016436	3.78627	4.116732	3.298073
0.977899	1.588151	2.629955	1.900463	0.904529	1.507315	2.903108	2.341478	2.652913
4.437151	4.783868	3.28414	3.751211	3.531792	3.683787	3.59775	4.374847	4.164259
5.993603	7.539305	6.916795	7.841388	9.096951	7.422258	6.833662	7.1565	7.580052
1.400081	0.623373	0.549667	1.03869	0.868426	0.999695	0.947228	1.648895	0.615708
5.00945	5.154654	5.220881	5.978238	6.232138	5.213982	5.429213	4.728803	6.2433
1.009333	1.361669	0.603267	0.362296	0.312649	0.890961	0.882532	1.715757	0.390198
3.804957	3.27079	3.697664	3.66913	1.949762	3.470621	4.067567	3.721844	3.318088
2.776563	4.360935	3.484146	2.323348	4.794982	1.439121	3.299568	3.054187	2.446704
2.986661	1.623836	1.74466	2.033643	1.972518	1.726186	1.367039	2.623491	2.373063
3.539651	2.496006	3.029362	2.707145	3.251529	2.455401	2.396849	3.048351	3.740025
5.102263	5.542135	6.052389	3.310671	1.869203	4.559061	7.461479	3.178093	6.531354
0.750092	0.138091	0.239128	0.468376	0.268402	0.194622	0.363825	0.098182	0.399417
2.944826	3.299251	2.348919	3.249851	3.686719	3.120531	2.697518	2.698266	2.80078
0.086273	2.922094	1.361258	1.283115	-0.02813	0.107072	0.377761	0.415827	0.550166
4.470053	2.988424	3.106589	3.979745	3.514649	4.253356	3.191908	2.836016	7.609321
2.645154	2.409263	1.228874	1.89732	2.403577	2.229359	1.991929	3.350437	1.703101
3.382439	3.764331	2.933009	3.270749	2.841168	3.14326	3.414737	4.244881	3.523281
3.428428	2.593088	2.746778	2.990049	3.548496	3.175712	2.707772	2.114238	2.655612
5.429828	6.209165	5.164814	6.08849	5.248379	5.513121	6.05596	7.375537	6.491901
2.624931	3.017772	2.43282	2.079348	1.941779	2.567842	2.220162	2.404798	1.961551
5.344134	6.16818	8.108517	7.279964	6.484347	8.148575	7.94988	6.823636	7.633232

3.381126	2.038737	1.500974	2.793826	2.308741	1.956812	2.238656	2.213018	2.890543
1.964608	2.448508	1.268679	2.407417	2.223941	2.393648	1.733484	3.122798	1.926343
4.096521	3.576419	2.588284	3.403435	1.360524	2.756392	2.744792	4.590488	3.74613
0.003643	0.127027	0.606226	0.36679	0.292307	0.155996	0.150117	0.183945	0.124128
8.386767	9.330654	8.754441	7.630892	7.992504	8.822341	8.062218	8.429321	7.438458
3.909325	4.939266	3.995242	3.936073	3.949639	4.441295	4.112636	5.211178	3.878606
2.509483	2.656267	2.639188	2.430826	3.012613	3.319815	2.875584	3.007962	2.210337
0.764826	0.800272	0.567921	0.555509	0.16486	0.852964	0.809645	0.305878	0.788444
4.55225	3.392822	5.303627	4.187583	4.046127	4.412973	4.612856	3.323764	5.331566
1.06429	2.731232	2.040993	1.37444	1.077514	1.033866	1.076069	1.339442	0.971221
2.977314	2.755024	2.279057	2.256313	1.826536	2.259399	2.18181	3.024757	2.728133
3.303185	2.644992	2.613976	3.274288	2.811339	2.801834	2.965727	3.274402	3.183525
0.138493	0.051177	0.088556	0.088607	0.331634	0.044198	0.084504	0.392298	0.082249
-0.00623	0.246817	-0.00801	-0.02258	-0.00902	0.034125	0.00489	0.272091	0.00335
1.955149	3.052753	3.031888	4.753625	4.021648	4.547914	3.517915	2.671213	3.658324
3.791054	2.093088	4.203151	3.109638	2.53581	4.511769	3.794258	4.151944	3.412319
2.329709	3.260303	4.071682	4.261592	1.100418	4.093474	3.344315	3.851913	2.505106
2.823363	2.315149	2.524055	3.026726	2.230524	2.849949	3.331855	3.317991	3.519223
3.439606	3.294508	3.238915	3.584465	2.895441	3.328858	3.165642	3.847083	3.424489
5.641708	7.96457	7.006136	7.562193	8.348653	7.706686	6.834507	6.306335	6.767345
0.048153	0.079489	-0.03352	-0.05326	-0.05326	-0.05326	-0.02866	-0.0323	0.159889
0.360439	1.604388	0.802046	0.906449	1.153744	0.71273	0.765258	0.479352	0.643377
3.531355	2.697294	3.939881	3.11868	1.599235	2.7502	3.64341	3.656644	2.90523
7.224425	7.845969	5.079085	6.951028	7.067164	7.278656	3.826853	7.032496	6.051244
0.424082	0.037568	0.047661	0.170557	0.005449	0.057184	0.067077	0.347268	0.085196
0.867571	0.408342	0.155574	1.71286	0.066634	0.531077	1.657719	0.104238	0.372076
4.195151	3.668014	4.417402	4.671768	2.739654	4.230779	4.30173	4.487213	3.966273
5.26483	5.720155	4.835694	5.5897	6.572624	5.413682	5.155035	5.771671	5.409976
4.522959	5.365309	5.591416	4.811969	5.005372	4.893022	5.491608	4.232968	5.360244
3.548083	4.664286	5.464349	4.853943	4.470331	4.549922	5.018609	4.600997	4.126017
3.738948	3.007381	4.009144	4.048641	2.735026	3.94027	4.210644	3.787151	4.294789
1.250267	0.902488	0.79097	0.890711	1.01479	0.950093	1.161337	1.23896	1.189228
6.249681	3.620692	3.374036	5.882545	2.438248	4.197824	4.914742	2.802879	5.180148
0.022062	0.01939	0.00759	0.000681	0.009712	0.017334	0.009293	0.015338	0.009089
6.630192	5.989846	4.577359	6.87322	4.679838	5.772019	5.174508	5.62281	5.567023
3.796609	3.929706	3.903726	3.712057	3.300331	4.054991	4.12804	3.731699	4.371036
4.85994	3.804984	4.66042	4.902648	4.201166	4.256963	4.746458	4.619201	4.618332
2.821054	3.626428	1.906182	2.691799	1.730542	2.45838	3.253235	5.459353	2.564687
4.784876	4.707432	3.913847	4.292835	5.977648	5.226324	4.242031	4.76625	5.130903
1.63508	1.965	3.069846	2.490848	1.757231	1.34908	2.822487	1.519533	2.723961
0.124529	0.670538	0.019124	0.073893	0.022703	0.117042	0.064925	0.127603	0.035746
4.862423	4.409843	4.521621	3.935275	4.209184	3.943631	4.718032	1.876126	4.279855
0.301037	0.470846	0.237277	0.445895	0.597367	0.441254	0.299103	0.348485	0.496771
0.046466	0.029328	0.050558	0.06186	0.111522	0.182608	0.276337	0.274007	0.281661
5.468258	6.076744	5.527419	5.911636	7.595772	6.288829	5.657022	5.789336	6.444969
3.391893	4.601835	4.550217	5.047653	3.355174	4.743793	4.126005	4.368776	4.40826
2.458712	4.228473	1.796423	1.93237	1.552327	1.947485	1.8692	3.37768	2.261853
2.040119	1.912529	1.436655	2.08477	1.036424	2.54921	1.009492	1.117911	1.242597
6.827939	7.211458	5.597478	6.745066	7.018575	6.110698	5.556011	6.343106	7.190577
0.044621	0.082131	0.043568	0.012251	0.092789	0.049973	0.150269	0.045491	0.012251
1.87328	1.471529	1.412428	1.613856	1.078361	1.330635	1.039624	1.095874	1.671094

2.954101	2.350659	2.583816	2.497964	1.954698	2.314818	3.215526	3.007969	3.278313
5.344494	6.880913	4.937303	6.00677	6.68449	5.756413	4.804152	5.44479	5.352542
0.205915	0.178543	0.50601	0.243415	0.166358	0.493032	0.298591	0.168179	0.171997
0.149798	0.258589	0.107353	0.154237	0.093306	0.178456	0.16178	0.267044	0.358157
4.656121	3.748548	4.207103	3.971987	3.905842	4.681724	4.543349	4.029642	4.665664
5.449271	5.392798	4.857332	4.705427	6.187718	5.536599	5.064717	5.166951	5.287601
0.087088	0.085978	0.039409	0.122431	0.158879	0.102029	0.0415	0.132952	0.109472
10.30478	9.20907	9.009027	10.68364	12.41274	10.05793	8.825086	10.37614	9.561004
4.6054	4.445928	4.511715	4.498391	4.998241	4.466263	4.734749	4.66942	4.856893
5.282566	0.238228	0.426075	2.793758	0.551051	4.127132	2.58388	0.635312	1.539599
7.358253	10.79893	5.762585	5.018416	7.315072	6.806549	6.655023	5.630389	7.069401
2.802201	2.652681	3.963286	3.60024	3.788459	3.482002	3.914147	5.43783	3.140994
3.269864	2.580983	2.872966	3.704261	2.814072	3.35849	3.146096	3.621652	2.405128
1.46541	1.239254	0.94604	1.528501	0.901522	1.066653	1.121623	2.41995	1.136326
0.05477	0.13468	0.067893	0.063312	0.042258	0.107724	0.183376	0.106093	0.066992
0.360587	0.608393	0.391321	0.65839	0.427815	0.443042	0.582288	1.370966	0.9069
5.418173	5.294127	3.656809	5.418315	5.355892	5.176031	3.807297	4.288222	3.707136
3.522469	3.10727	2.930892	3.292436	2.028426	3.262805	3.297561	2.800449	2.974812
2.260105	4.004755	1.159148	2.127525	3.205202	2.266288	1.547065	3.186901	2.350139
4.619372	6.730758	6.115825	5.495839	3.976735	5.262676	5.3481	4.170704	5.686115
3.347656	0.277835	0.211961	3.049766	0.825135	1.373819	2.266196	0.659989	0.885215
5.15181	4.375816	7.133473	5.380064	2.799768	4.255468	6.12354	3.464078	5.943403
1.080236	2.799427	1.104204	0.576572	3.122838	1.916911	1.211523	3.350043	1.183287
2.872144	4.044089	2.631066	2.813518	3.885155	3.052478	2.369711	3.607814	3.171551
1.531269	2.034898	0.936987	1.157038	0.969403	1.093231	0.801275	1.31345	1.822635
0.175166	0.109912	0.995232	0.260541	0.052165	1.194068	0.179614	0.810372	0.453127
3.381816	3.205015	6.038998	5.092757	4.870695	4.976012	4.824342	3.857821	5.828695
6.149721	6.872463	5.463319	6.347806	3.807069	5.546995	5.510661	4.797737	5.918507
0.919933	0.439225	0.427975	0.971096	0.351344	0.510279	0.4494	0.509947	0.502057
5.495902	3.973689	3.776662	6.287237	2.711437	4.615505	4.948574	3.164918	6.249208
5.607154	6.616039	7.521834	8.005479	7.569693	7.83799	7.458975	5.241153	6.418182
0.129146	0.060029	0.212501	0.074991	0.231136	0.165469	0.769715	0.300705	0.364119
2.403727	2.436833	2.833752	3.135637	1.91672	2.428974	3.21748	2.860494	2.847308
1.531624	1.985984	1.744166	1.852467	1.359949	1.983427	1.509997	1.57852	2.234379
2.071564	3.179239	3.366292	2.417529	2.099467	2.31894	2.856765	2.912983	2.881913
3.393763	3.381619	4.241445	4.394254	3.352346	4.10845	4.519287	3.480096	4.095597
3.097844	0.979964	1.803632	2.6548	1.726989	3.045224	2.633385	1.81605	2.647229
1.657895	3.02003	3.333706	3.134299	1.778144	3.473363	4.233093	2.889503	2.54978
3.844801	3.428286	2.941327	3.849228	3.020527	3.702754	2.986593	3.208296	3.116197
9.71893	11.07404	8.358178	8.891205	9.502755	9.339588	8.81303	8.742356	9.7514
3.315038	4.931369	4.181468	5.635043	4.630947	5.071975	3.941109	4.524159	3.767046
3.529803	2.748406	3.337938	3.733836	3.16709	3.725212	2.884472	3.321563	2.892276
6.508441	8.235596	8.289935	7.936298	6.691246	9.53407	9.724713	7.338523	7.994029
4.361585	4.973579	3.806828	4.137043	4.143314	3.711954	4.675286	5.782681	4.338699
2.534961	2.276796	3.156748	3.190208	2.699657	3.380186	2.822158	4.223372	3.337107
0.505732	1.656618	0.591927	0.221578	0.599155	0.732321	0.73353	2.396986	1.070116
2.483365	2.035889	2.889778	2.978255	1.544016	2.831697	3.248317	2.242688	3.158411
3.704694	3.655638	4.75636	3.794807	3.924414	3.381157	3.572489	4.013949	4.775245
3.2299	2.598791	2.89232	2.962993	2.270332	2.567433	3.182591	3.487977	3.267774
1.353568	1.958211	2.455001	1.588091	0.973544	1.595654	1.722964	0.211819	2.700199
3.316912	2.272082	2.869533	2.959199	2.365341	2.828596	3.46887	3.010196	2.692412

0.559927	1.601515	2.575991	1.667182	1.142931	1.420801	1.937614	2.597782	1.590241
2.565206	3.52445	2.717583	3.555989	2.209123	3.231655	3.583616	3.405128	3.311509
2.952564	4.514932	3.435352	3.163495	2.783215	3.04274	3.176057	3.276408	3.341975
3.563796	3.663261	4.229683	4.3912	4.784022	3.972012	4.128652	5.250676	4.114771
1.09362	1.572197	1.113684	0.99037	0.906013	0.940455	0.729891	0.853894	1.869826
3.600406	5.207717	3.873622	3.452655	5.293012	3.762478	4.027009	2.729085	4.306889
5.19483	3.260799	2.518895	2.322887	3.45824	1.877419	2.148173	3.558579	3.230946
5.001637	5.004113	4.303994	4.885504	4.699335	4.358657	4.314953	4.527475	4.840409
4.919466	4.964082	4.714926	4.69686	4.454794	4.363036	4.601816	5.180346	4.736213
3.845263	2.787223	4.931497	5.392085	3.569465	4.5841	5.020575	4.332462	4.616789
5.478459	5.27215	5.112517	5.120887	4.165235	4.314538	4.408802	4.279811	5.638918
4.95885	5.11976	5.141798	5.55037	6.405868	5.015983	5.284848	5.010112	5.920524
6.592439	8.755213	7.043985	7.419999	5.269797	7.52579	7.094917	4.510275	6.671723
3.5916	5.20006	5.092486	4.226599	3.844166	4.115479	4.638068	5.321001	4.510396
2.444036	3.423529	2.72159	3.979906	2.66485	3.552721	3.077999	3.713759	3.257113
6.13056	5.833223	6.500271	6.998271	3.347615	7.582652	6.363918	5.524065	6.422326
2.394077	1.752119	2.522095	2.415724	1.34796	1.998034	2.825143	3.107989	2.297565
2.429682	3.131719	2.796111	2.710795	2.233034	2.596491	3.079364	2.966574	2.65001
2.675531	3.322763	2.616384	2.969414	1.587238	2.373366	2.510516	2.27622	2.298869
3.018619	5.660304	2.504449	3.222384	2.739648	2.325719	2.414769	1.981354	2.506774
0.421468	0.120147	0.278022	0.340202	0.069317	1.216814	0.12863	0.079417	0.114274
5.836484	4.456911	5.188138	4.672251	4.913082	5.052454	4.962303	5.391194	5.736712
4.534932	5.170131	4.34436	5.533633	4.941449	5.171027	4.084557	4.473977	4.59094
4.823315	4.146374	6.181156	5.692673	4.570684	5.379546	5.901881	4.610548	6.043426
0.268494	0.243938	-0.08282	0.420339	0.504903	-0.07062	0.281553	0.221645	-0.07003
3.925449	1.301776	1.700042	1.519234	2.072719	2.361274	1.114247	4.606069	2.657236
3.56833	3.633581	2.854656	4.070855	3.747735	3.235868	2.651355	3.314243	3.591277
6.005298	5.047434	3.179438	4.274151	4.955678	4.605549	4.919862	5.368379	5.68643
2.023802	2.180084	1.970512	1.955435	2.220593	2.137305	2.209	2.889945	1.648745
3.049419	3.877408	3.777716	3.684579	2.491498	3.328332	4.322274	3.143846	3.763073
6.554739	7.121688	6.016176	6.957877	6.420867	7.381502	6.397735	7.075915	7.453335
2.548885	1.245837	3.771998	2.55864	2.698221	2.445342	3.038918	2.457077	2.469898
0.771528	0.392767	0.370182	0.489952	0.215429	0.433727	0.573891	0.932682	0.756148
4.402617	4.441457	3.770584	4.300628	4.116061	3.937318	3.646932	3.97109	3.757837
3.721165	2.37201	3.544782	3.999162	1.056821	3.45187	3.858078	3.130898	3.658103
1.932101	2.285658	0.917874	0.755624	0.59471	2.109393	0.944514	1.481193	1.648537
1.682262	2.562103	1.798502	1.420563	1.54646	1.57195	2.018957	2.079814	1.453668
0.265004	0.082585	0.10361	0.086804	0.224353	0.18756	0.170372	0.09886	0.064239
5.854603	5.062689	4.713192	5.876652	6.47495	5.730993	4.657178	5.155617	5.113024
4.204572	5.878238	4.30706	4.49184	4.404308	3.787746	3.714148	3.160504	3.979944
5.895111	5.200869	6.371029	5.432491	6.49056	5.952685	6.436593	5.569862	6.13166
5.413261	4.557206	5.430524	5.781954	3.807658	4.836755	6.367659	4.887103	5.872231
4.040175	4.897321	2.388758	3.181404	4.650199	3.807914	2.536924	4.648435	2.746388
3.431805	2.706085	3.052515	3.531385	2.260326	2.913113	3.458957	3.211788	2.747318
3.710303	2.991609	3.359852	3.401151	4.000817	3.433429	3.351364	3.650884	3.605347
0.516944	0.147316	0.847493	0.845307	2.160408	1.33206	2.009235	0.454383	0.510098
0.201391	1.391798	0.239097	0.145514	0.195434	0.6738	0.650242	0.262803	0.287749
1.107535	1.460561	1.27627	1.175875	0.997293	1.142258	0.633388	0.798971	2.820066
1.34938	3.243852	1.079442	0.970923	1.009389	1.105438	1.092447	1.464057	0.891654
6.057492	6.834178	6.44104	6.287573	6.231793	6.285882	6.895586	6.376317	7.216618
3.364494	4.04511	3.324854	3.767464	3.326002	3.164112	3.194902	3.555089	3.40198

3.738823	5.19883	5.19751	4.206204	3.055545	4.733478	5.036463	3.809062	4.569396
3.926117	3.433041	2.996724	3.713262	3.623406	3.222941	3.585657	3.915953	3.440209
4.071451	3.14887	2.997042	4.441652	4.902461	3.346266	3.644983	3.439171	3.06905
2.640753	3.082797	3.023854	3.10421	1.513155	2.417045	3.099777	2.749286	2.431992
3.824002	4.436817	6.075965	5.070226	4.497317	5.529164	6.457172	4.35866	4.632956
3.095702	2.825508	5.995444	2.821473	2.101565	4.342004	5.577333	4.369539	5.206988
2.334946	2.217094	2.024823	2.161078	1.933138	1.897516	3.00074	3.355433	1.982228

TCGA-HT	TCGA-TM	TCGA-E1	TCGA-HT	TCGA-DU	TCGA-HT	TCGA-CS	TCGA-HT	TCGA-DU
0.649666	0.06253	0.567264	1.624458	0.213298	0.583069	0.790566	1.017771	0.691432
1.445954	0.763435	1.988418	2.322348	0.774341	2.484365	0.705924	1.742872	2.10364
5.726722	5.259743	5.368601	4.517385	5.843216	6.633439	5.492607	5.746001	5.385625
2.42148	4.594059	3.514987	4.697838	5.493561	7.680081	2.455685	3.811929	5.42335
0.51131	1.110375	1.507551	1.612284	1.275002	0.35442	0.956418	0.799852	1.211416
7.705031	4.571478	6.297668	6.460452	5.50865	6.140584	6.792042	6.154863	5.512193
7.563226	5.117937	5.954569	4.808602	6.248075	6.745786	5.508741	6.303484	5.655606
0.573697	0.735353	0.623837	0.61357	2.137509	0.515386	0.896401	0.999868	0.647042
0.027418	0.054025	0.294239	0.011887	0.223022	-0.00188	0.267361	-0.06541	-0.03086
5.46765	3.356029	6.048198	5.199898	4.489547	4.438428	5.212958	5.626402	5.467969
6.3534	4.220249	4.693455	4.331219	3.809554	3.620176	4.369533	4.288247	3.659947
1.940555	2.056807	3.343972	3.478489	3.628706	2.494553	2.740707	3.17996	3.62008
3.131071	3.073255	2.389245	1.967279	1.478081	3.394501	1.910639	2.255254	2.079588
5.862138	2.653865	2.636436	2.708359	3.735478	5.28945	3.598062	3.408176	3.667572
4.485866	6.548389	5.447306	6.156744	4.667474	5.836834	5.183449	5.771321	5.450965
3.226623	5.245454	2.81484	3.692467	3.48567	3.396055	3.8648	3.895921	3.512636
1.396077	1.520331	1.490382	1.563349	1.550759	1.922099	0.980917	1.304545	1.282788
8.056674	8.299862	9.427898	7.476082	8.566411	9.820537	8.019391	8.202782	8.138592
4.681972	4.02137	6.009606	5.451319	3.940811	4.839438	5.51818	4.870387	5.522197
3.182073	2.997758	4.01201	4.45496	3.60178	3.862134	3.17792	4.669888	4.311979
2.223034	3.96651	4.165501	2.859721	2.62076	3.435352	3.356019	3.593	3.520922
2.173497	2.84794	2.493697	3.949895	3.29457	4.413815	2.82556	3.405754	3.550457
2.389724	3.242296	3.42402	3.071669	3.108625	2.862622	3.078767	3.650056	3.149426
0.664402	1.592932	0.313776	0.299987	0.517727	0.650835	0.444912	1.417914	0.36423
3.047818	3.325108	3.522947	3.070507	4.004214	3.484452	3.329585	4.275866	3.436223
3.660871	3.799582	4.135697	3.322862	2.185723	4.520063	2.617743	3.491761	4.384282
1.039392	0.597125	0.969708	0.890645	0.450521	0.470657	0.520603	0.900379	0.796612
4.181313	5.289466	4.653932	4.893588	5.259825	3.379473	4.194058	4.854352	3.902289
1.557185	3.74237	2.103133	2.797114	4.608376	1.969352	3.144521	3.101152	3.082366
4.350412	4.333041	4.781656	5.728187	4.148251	3.696733	4.726144	4.56934	3.903559
3.773232	0.941952	4.081303	2.968735	1.618727	3.935991	1.426404	3.235145	2.297774
4.043473	4.219171	4.298888	3.730776	5.016336	5.565132	4.584228	4.239133	4.885107
4.285877	5.75828	5.628205	4.874488	4.362086	4.971674	5.127532	4.997705	4.895091
2.611335	4.78739	3.39344	1.993717	2.450633	3.035636	3.112167	3.068434	2.295576
2.225848	2.306592	3.487813	2.159418	4.323035	2.025412	2.923832	3.313562	3.407185
1.729944	2.01334	3.363066	3.258755	1.885521	3.03703	1.978018	3.149875	3.091065
6.100007	5.798603	5.809194	4.994587	5.874226	3.263242	5.53261	5.72442	4.805145
5.263139	3.315197	3.914528	3.04598	4.02557	3.482021	3.385983	3.854287	3.324582
4.865767	3.821216	4.656418	4.909747	4.608602	5.062126	4.13717	4.976117	4.551626
0.084019	0.090657	0.083167	0.109666	0.09991	1.163779	0.081988	0.124195	0.156364
0.419502	0.470168	0.444828	0.421036	0.498909	0.449329	0.582727	1.291918	0.357681
2.709638	2.592977	2.367367	2.433992	3.240824	2.067297	2.860986	2.864511	1.883542
4.029018	1.806038	3.618267	4.935052	1.174891	3.560586	1.083067	4.091643	3.798261
0.488897	2.434834	0.349609	1.65878	1.28489	2.091524	1.790444	1.166746	0.768152
0.620536	0.69224	0.977134	0.347148	2.505576	0.625674	1.335185	1.260183	1.04762
13.24656	7.848888	10.45797	10.10641	9.871817	11.852	9.391637	11.05096	11.29938
5.208872	2.773711	5.733455	5.281507	6.939062	4.945157	6.07693	6.23917	6.284268
3.98106	3.905563	3.872686	3.448523	4.330555	2.958972	4.211255	5.005182	4.646956
1.176931	1.41866	0.966264	0.904295	0.843933	0.145773	0.715491	0.94801	0.519512

0.664498	1.499307	0.397177	0.870651	1.207346	2.21554	0.872128	0.748728	0.944208
0.574326	0.198499	0.258727	0.509012	0.131177	0.269072	0.711205	0.419327	0.369523
2.124006	2.196023	2.121918	2.843399	1.91399	0.953044	1.875877	2.546659	1.521086
3.034706	5.90383	3.736265	4.260232	4.787378	3.749563	4.788022	5.368511	4.287096
4.253606	3.194938	4.381632	3.570723	2.655853	4.108149	3.585279	5.060795	4.300356
0.211467	0.117338	0.257698	0.274095	0.116888	0.039161	0.07724	0.683357	0.381715
0.461943	1.622308	0.477188	0.369148	1.232469	1.607617	0.479005	0.538118	0.627321
6.739262	8.326775	8.806114	8.43089	7.865245	9.367989	6.625485	8.226033	7.772933
8.856615	8.200591	9.303414	8.059733	8.495196	8.460951	8.960139	9.882483	9.215883
4.023184	4.050154	4.044221	3.926341	4.648845	1.75869	3.159366	3.594948	3.325337
1.894137	3.094057	1.670269	1.771214	1.750714	1.85494	0.646034	2.821699	2.041552
6.090913	5.820424	4.829074	4.794989	6.290445	3.705545	5.463923	4.660421	4.45587
3.807106	1.529439	2.579823	3.060677	1.111539	2.187205	2.885706	5.225773	4.483125
2.922192	2.298189	3.494888	3.302173	4.035882	3.209541	3.666739	3.316304	3.025952
0.721456	0.401985	1.070724	0.723351	0.924219	3.185093	1.153087	0.924062	1.030143
7.170177	9.967361	9.04202	8.066714	10.86478	10.66359	8.955476	7.934475	8.988647
2.157529	3.961624	2.97919	3.642471	2.639665	3.402802	2.483409	2.943367	3.150387
3.460947	4.937848	4.672221	3.740345	3.711557	2.738033	4.007882	4.084438	3.71052
0.881227	0.614846	0.314107	1.028232	0.26976	0.124484	0.338983	0.686239	0.35446
5.536179	5.201073	5.489917	4.919624	3.712775	4.811562	4.366918	5.842354	5.517687
3.058824	3.484245	3.043806	3.642477	4.533729	3.084945	3.769471	3.802179	3.972662
3.449399	2.976613	2.769404	3.113162	2.816122	2.405625	1.403641	3.651213	3.067979
1.851136	3.788379	3.975262	3.288989	3.257015	3.047656	2.584608	3.297526	2.868238
3.577392	3.5074	4.045404	3.2585	6.309349	3.519419	4.931417	5.022053	4.822356
4.109523	5.610087	3.011482	3.507533	6.458047	4.94745	5.50492	5.305287	4.700082
3.115879	0.968641	1.134313	2.413083	3.591844	0.959747	3.077351	3.998825	3.851347
3.604412	2.530983	2.078649	2.999922	2.960456	4.245441	2.626708	2.560222	3.767133
3.87923	2.778207	3.426178	2.256533	3.50199	4.483619	2.008956	3.44895	3.2956
1.601576	3.531895	2.874962	3.279316	2.448079	2.844987	2.31318	2.99534	2.661887
2.775891	3.663599	3.686236	3.131771	4.08012	2.403113	3.600212	2.541219	2.954605
1.129772	2.576963	1.533771	1.436571	2.438921	2.815781	2.638444	1.884038	1.506249
4.305582	3.81902	3.539761	4.127734	2.702552	2.23228	2.968289	4.052515	2.980001
9.197805	7.797523	7.573733	6.779299	6.723361	6.490361	7.365454	7.975725	6.923198
0.308106	1.181934	1.172529	1.216066	1.498617	1.070464	0.83638	1.316386	1.334758
6.9537	6.855381	5.260335	4.869622	4.174308	4.068328	5.419328	6.248515	4.343757
0.658385	0.506208	0.465137	0.531659	1.034404	2.281016	0.485191	0.433033	0.514105
2.305713	3.716833	3.745817	3.833473	2.903969	3.534472	2.988779	2.310669	3.557887
3.811098	6.407914	2.718244	2.054028	0.898395	3.273279	2.931102	2.447939	2.647185
3.316716	2.25278	1.681954	2.054749	1.839312	2.179961	1.424711	2.798152	1.826373
3.893114	3.370641	3.262016	3.120089	2.775555	1.881565	3.238484	3.114471	2.45816
3.422857	7.314075	4.181296	3.233256	4.653338	7.386764	6.010877	3.666985	3.656748
0.486712	0.775477	0.682633	0.251118	0.258493	0.230234	0.899176	2.099337	0.316785
5.533292	1.803665	4.064294	3.727376	1.653472	2.747877	1.950295	4.754548	3.187622
1.507333	0.125615	1.756954	1.019665	0.076074	1.560226	0.473656	0.522624	0.130472
9.159934	1.604181	4.805276	3.858148	2.779771	4.318426	3.576582	4.981718	5.852585
2.235025	1.27401	1.77963	2.381107	0.950531	0.500237	1.150435	1.548418	1.523412
3.61334	3.101622	3.047813	3.107744	4.045236	2.519447	3.857353	3.692628	2.664358
3.662015	1.844178	3.288253	2.732199	2.604775	3.565724	2.522227	3.057524	2.631615
5.652684	5.247333	6.151896	5.992651	4.69992	7.914635	6.650739	5.923017	6.396382
3.813927	1.895024	3.775584	3.749985	1.571525	3.438577	1.552186	3.387794	4.074996
6.269487	6.773767	6.100993	7.402136	6.533879	6.585961	7.58975	7.436581	6.5896

4.17222	1.003975	1.975652	0.821122	1.776194	3.277229	2.569059	4.050164	2.284886
1.473864	1.5751	1.878447	2.941038	1.476722	1.290834	1.418934	2.259082	1.89837
2.773789	2.841448	4.394879	3.497657	2.839245	4.185655	2.994307	3.59816	3.735158
-0.00468	0.148497	0.931553	0.206188	0.331882	0.101998	0.054859	0.300252	-0.01725
8.194859	7.226477	8.655606	7.820288	8.799579	9.739728	8.733028	8.077655	8.586869
4.570396	5.915159	4.276886	4.88244	5.325227	3.965175	4.411646	4.642051	4.221182
3.747581	2.32697	2.700121	3.308138	2.909255	5.226716	3.214595	3.089487	1.934047
0.544318	1.41503	0.684567	0.787165	0.755863	1.051116	0.872251	0.768379	1.742094
3.079749	4.988392	5.018668	4.828974	4.169149	4.155483	4.645946	4.663866	4.822305
1.545304	4.807406	2.3171	1.788389	3.748156	4.764764	1.617369	1.919173	1.13311
2.618211	3.271334	2.546885	2.463441	2.725114	1.885464	2.538643	2.604828	2.046129
3.146985	2.857328	2.098164	3.044171	2.696841	2.769222	2.738367	2.640427	2.845626
0.064984	0.030213	0.162334	0.276212	0.425941	-0.00559	0.100216	0.185081	0.107556
-0.01166	-0.06091	0.164411	0.239221	0.034074	0.258316	-0.006	0.430046	-0.048
3.881524	3.302595	3.445598	3.466955	3.054645	4.631032	3.350166	3.906052	5.133118
5.734453	0.376435	5.251578	3.178888	1.80211	5.133598	4.37363	3.926581	3.50779
2.328948	3.061113	3.760352	3.56106	2.616961	4.674357	3.087121	2.588108	3.139237
1.973381	1.60468	3.407686	3.476748	1.753244	2.870695	3.376281	2.837889	3.031595
3.196399	2.567078	5.499578	4.242179	3.309034	4.381361	3.98353	4.060505	4.664519
7.774127	7.720611	7.393255	6.562845	5.972794	7.814613	6.63767	7.007793	6.8161
-0.05326	0.465645	0.050302	-0.05326	0.329249	0.075589	-0.03277	0.207539	0.060709
1.496025	2.970732	0.527901	0.987983	1.9336	0.552683	0.734812	1.39068	0.742976
1.867154	2.771232	2.974254	3.831001	1.456659	2.521517	1.995726	2.594984	2.634829
7.616685	5.455916	7.216805	7.033893	7.891138	5.468126	6.436897	7.680714	7.232035
0.114999	0.025094	-0.02683	0.072238	0.106015	0.188935	0.079794	0.266358	-0.00418
0.080674	0.238027	0.457157	0.28989	0.788541	4.048776	0.606556	0.685863	0.909285
3.383482	3.431255	3.789388	4.05922	4.319862	4.586936	3.395627	4.033844	3.830488
6.169682	4.130263	5.952572	5.197801	7.06949	5.312517	6.019089	5.688064	6.099281
4.858712	6.355804	3.819335	5.517205	5.750605	4.10282	5.663055	4.771515	4.817021
3.751428	5.336148	4.23983	4.353331	4.679027	6.181494	4.847266	4.457136	4.296001
4.399803	4.327822	4.301848	4.3534	3.984229	4.833383	3.735986	4.306074	4.034286
1.275746	1.278884	0.539525	0.78971	0.683835	0.619937	0.80295	1.227106	0.980127
4.157661	3.383587	4.930273	3.999041	4.148683	7.086956	5.543217	5.133522	4.328774
0.009249	0.006964	0.006762	0.000681	0.177124	0.007178	0.085691	0.092366	0.047257
7.270412	5.297974	5.792218	4.766105	5.59501	7.214377	5.165142	6.383463	5.141242
3.821198	3.829214	3.762572	4.007446	3.979583	4.215472	3.94906	4.496853	3.746315
4.662204	4.953903	5.124234	4.165795	4.998827	5.188713	4.144091	5.272147	4.352705
1.71788	3.184706	1.908326	3.341852	1.076225	1.179628	1.383241	2.093672	1.649679
4.8906	10.7791	4.986686	3.799451	3.82245	4.976138	4.430034	5.165029	4.642621
1.099594	2.039932	2.273246	0.877932	0.945748	0.286753	2.073851	2.328077	1.261836
0.007441	0.007441	0.058259	0.069652	1.621661	0.124563	0.536563	0.331855	0.72813
4.754321	4.442607	4.866118	1.861704	3.777596	2.005474	3.709291	4.599884	3.390699
0.280212	0.263583	0.399704	0.308226	0.278692	0.136487	0.348397	0.320141	0.399868
0.15661	0.017024	0.054844	0.088306	0.271148	0.187439	0.249283	0.227112	0.257055
8.255715	5.430416	6.065885	4.591489	6.705477	7.363376	5.985929	5.893098	5.415506
3.723114	3.754001	3.643238	4.695474	2.733314	4.333328	3.923378	3.882523	3.920613
0.994262	3.350147	3.29357	2.381498	3.741499	2.965626	2.368574	2.661485	2.276148
0.650289	1.717126	0.648209	2.375845	1.356671	0.247969	0.921512	1.677401	1.377093
8.061185	5.104768	6.509646	6.55689	4.91698	6.45838	5.937024	7.048311	7.408549
0.012251	0.021814	0.030706	0.089996	0.086711	1.377537	0.044754	0.130379	0.052598
2.304377	3.439926	1.987404	2.278885	1.50685	1.759103	1.347598	2.444373	2.825788

2.382369	3.30141	3.452012	2.688183	2.533625	2.880366	2.544087	3.103679	2.689159
5.664492	5.485173	5.078718	5.192188	5.885291	9.292024	5.045172	6.311386	7.180083
0.181416	1.626871	0.177515	0.231003	0.33866	0.259408	0.13554	0.638859	0.641304
0.281163	0.427252	0.155676	0.189691	0.23228	0.060984	0.178868	0.333541	0.122258
3.830472	5.833403	5.921753	5.771424	5.380665	3.01526	4.481747	5.852855	4.992765
5.000314	4.909831	5.225688	5.037825	6.903433	4.908142	5.703185	6.117377	5.848213
0.055558	0.071011	0.091519	0.087219	0.021531	0.043436	0.03132	0.197333	0.085451
12.29577	8.699601	10.34131	9.088202	8.171351	8.208646	9.246946	9.757227	9.198576
5.055044	4.423802	5.117251	4.222239	3.809419	3.988495	4.707193	4.793873	3.983204
0.95564	0.371658	3.035131	0.667912	0.583795	6.05598	4.311081	2.686427	3.237359
10.0113	8.467463	5.804677	3.587473	8.526672	7.945488	6.048861	6.03723	5.254697
3.220258	2.967979	4.154499	4.181397	2.47871	1.956479	3.512565	4.704766	3.472612
2.668209	4.54828	3.522208	4.094938	4.0822	3.34028	2.7078	3.910182	3.470603
1.222064	1.825837	1.579647	1.230001	0.968844	1.565134	0.81862	1.575515	1.333424
0.050451	0.058482	0.093828	0.070678	0.045769	0.046264	0.04037	0.045656	0.039885
0.404684	1.075667	0.781109	0.467409	2.238387	0.586997	0.344727	0.57799	0.508205
5.308239	5.717995	6.094326	5.576232	4.691997	6.189935	3.369115	5.249556	5.960462
2.292029	3.684199	2.398471	3.152073	2.520643	2.472584	2.088435	2.134522	2.411214
4.035642	2.387234	2.123273	2.236248	2.506648	1.845169	0.597303	2.713846	1.219686
4.775684	4.796467	4.991224	5.751476	5.288591	5.584599	5.585607	5.327535	4.323968
0.420207	0.127213	1.807335	0.497261	0.102239	4.088164	0.842387	0.984104	0.698736
3.021444	4.844293	4.29194	5.301739	5.257902	3.800572	5.830968	4.506566	5.993858
1.378511	1.165249	1.255435	1.447333	0.611369	1.707535	0.784347	0.956587	0.508546
4.077658	2.604322	3.141754	3.091985	2.467259	2.09233	2.839963	3.726335	2.638993
1.324039	2.248439	1.216895	1.45101	1.689629	0.528595	0.87692	1.069432	0.875193
0.383646	0.598271	0.423976	1.300987	0.102384	0.170632	0.470659	1.833126	0.494546
5.140993	2.498578	4.319682	5.197843	3.678677	3.201047	5.569818	3.837683	4.414096
5.334067	5.756135	5.270015	4.872674	5.648445	7.368316	4.631406	5.57573	6.454423
1.433195	0.258134	1.092047	1.255906	0.380744	0.61682	0.240061	1.503545	1.048433
3.215971	2.70064	4.288054	3.737301	4.516821	7.536011	4.610175	5.579878	4.759019
5.984959	6.653202	6.59513	7.747605	6.177502	6.88816	6.621549	7.051867	7.469086
0.080729	0.173866	0.307683	0.133307	0.32183	0.043513	0.422233	0.15649	0.157512
2.684341	2.825929	2.142466	2.774788	3.362357	2.834808	3.252625	2.425663	3.059871
3.214635	1.590643	2.488473	2.638299	0.847541	2.439502	1.445227	1.855047	2.264718
2.321009	3.470717	1.835739	1.891609	2.479047	2.674718	2.141549	2.963268	2.730349
3.429397	4.01512	3.301804	3.670338	3.859737	5.363233	3.821452	4.200793	4.085012
2.296013	1.046284	1.367369	2.158478	1.705185	1.928832	2.98533	2.24855	1.976774
2.447824	4.307219	1.25113	3.049639	3.142001	4.966002	2.636417	2.389285	3.573248
2.894291	4.358636	4.640093	4.362501	3.64344	3.27224	2.66498	4.404271	3.904866
11.4921	7.600446	8.665221	8.673137	9.075224	9.81661	9.509081	9.607441	8.803569
4.918239	5.721526	5.099948	4.461578	3.468214	4.896276	4.328313	5.771811	5.514609
3.868114	1.83819	5.133816	5.112609	2.75461	4.059661	1.084151	4.262996	4.7434
6.26703	6.79246	6.264312	7.882176	6.772818	8.137773	8.684535	6.794414	9.013977
4.070175	3.232275	2.538115	4.00707	3.182608	3.408744	3.86409	3.212639	3.415022
2.318603	2.160963	3.825078	4.12656	2.818158	2.441297	3.074423	3.561049	2.997746
0.32405	0.8967	0.651605	0.934333	2.143137	0.258477	1.381012	1.008954	0.926088
1.541224	3.438109	2.9929	2.980208	3.467158	2.507109	2.784445	2.380193	3.301245
3.183611	4.057994	3.299636	3.405308	3.506975	3.01416	3.821293	3.609858	4.053774
2.320085	3.020273	3.68253	3.621011	3.407261	2.860826	2.912704	3.384045	2.920828
0.847734	2.595435	1.193255	1.067658	2.101954	0.204678	1.107637	1.39444	1.94656
3.243449	2.719446	4.258789	3.676532	2.973453	3.073427	2.43886	4.105608	4.054616

1.037447	1.770806	1.915457	2.010271	1.582717	1.647353	1.784101	1.862092	1.201592
1.804961	3.060501	1.567467	3.293478	3.416519	3.565334	3.290202	3.961813	3.308097
3.174178	2.980816	3.671925	4.551496	3.730453	2.835593	4.399667	3.248216	4.11586
5.430838	4.333006	4.512171	3.676404	3.742004	3.100653	4.083722	5.374755	3.224477
1.368246	2.054011	1.834689	1.453941	1.649809	0.290923	1.10163	1.885968	0.864094
4.797348	6.105368	4.770275	4.294101	4.499538	3.399681	4.720567	5.223931	4.085997
5.33773	4.60392	2.911451	2.595999	3.278035	3.576716	2.179787	4.65498	3.430363
3.954801	5.351455	5.059151	4.443027	3.891478	5.420564	4.321416	4.971249	4.915773
4.317257	4.075977	5.402628	4.623694	4.446591	4.026699	4.969435	4.759371	3.980397
2.913462	4.702924	4.774703	5.094909	6.490582	5.001344	4.71578	4.06036	5.167643
3.62469	4.658612	4.545607	4.903664	4.993407	4.624431	5.676273	4.252143	5.36512
6.11913	6.520962	4.654996	4.745029	4.796007	3.764526	4.968616	5.313113	4.248446
5.901356	2.759146	5.079263	5.352596	5.020493	4.764162	6.9764	5.991636	5.766343
3.090477	5.458414	4.319117	4.889191	8.599218	2.949119	4.686936	4.394128	4.465095
3.765713	3.300992	3.007812	3.472746	3.154257	3.891725	2.852099	3.552096	3.185141
5.499041	5.669007	5.554301	6.256872	5.754565	6.292352	6.11704	6.091475	4.2765
1.482161	2.75378	3.069133	2.839713	2.171338	2.60383	2.668224	2.437825	2.213759
2.914564	3.308815	3.093988	2.633691	2.801721	2.810977	2.53456	3.093427	2.38595
3.837014	4.256956	2.465378	2.594983	1.899514	4.494409	2.13455	2.771177	2.293088
3.786898	2.833065	2.312019	2.768383	2.919182	3.834288	2.252873	3.045353	2.331175
0.660402	0.081834	0.684746	0.54161	1.68753	0.127347	0.198172	0.491115	0.134392
4.759482	5.299666	5.97956	5.205236	5.019007	3.554777	5.109113	4.255554	5.364259
4.558073	5.326809	3.721526	4.402256	3.827852	5.823151	4.493221	4.32756	5.017937
4.615513	4.607103	6.344874	5.992509	4.470386	6.016748	5.397449	5.887858	6.127338
0.836099	1.946803	0.112663	-0.01489	0.169903	-0.08635	-0.14226	0.76265	0.028079
2.931669	0.582341	1.868362	1.40512	1.124345	6.640814	2.275978	2.774252	2.121005
4.521055	4.72993	4.014661	3.912551	3.151239	1.485103	3.961238	4.252465	2.453797
6.007785	3.814995	5.837813	2.707011	5.759278	6.279827	4.153743	6.019713	4.390244
1.427677	1.757459	1.421095	2.160859	1.813107	2.287667	1.575172	1.899436	1.891812
1.971343	4.917104	3.933808	4.585163	2.598276	3.228318	3.221426	2.891027	3.399492
7.542395	6.714511	6.272528	7.216194	4.819486	6.211926	5.848003	7.14748	6.808557
2.806931	3.072517	3.480301	3.42701	2.950294	1.875728	2.519326	3.185091	2.389744
0.678995	0.409995	0.666944	0.434471	0.269169	0.149411	0.151728	0.828116	0.12627
5.061206	4.510342	4.889974	3.624338	5.267622	3.959569	4.287609	4.706206	4.48553
2.368745	4.583389	4.439636	4.593648	2.982332	4.187352	2.794049	3.9262	4.331416
0.616503	1.068838	2.450205	2.152176	6.16545	0.638116	3.519426	4.001462	3.714543
1.749433	2.905733	2.290489	1.53367	2.901139	2.877244	1.74445	2.423338	1.95957
0.065131	1.542955	0.076636	0.02738	0.494781	0.300483	0.164591	0.194086	0.119214
7.056746	6.330332	6.000672	5.915168	5.706764	4.914939	4.856981	6.325273	5.860258
7.438936	5.599	5.17396	4.363498	5.472621	6.903705	3.56715	5.469656	4.471692
5.927143	7.281689	6.517159	4.95414	6.615043	7.370658	5.931659	6.345617	5.746884
5.252462	5.201408	5.102261	5.290458	5.017116	4.530769	6.534612	5.065913	4.969367
5.066669	2.297404	2.411608	3.816754	3.719463	2.758125	2.882052	3.79819	2.937809
2.730321	2.856414	4.224732	3.392386	2.781793	3.287902	3.036303	2.186028	3.179143
3.559377	3.689112	3.664867	3.592715	3.369639	2.407723	3.80791	2.940846	3.29883
1.775103	0.279241	1.072497	0.899981	0.063852	1.183363	0.107915	1.028994	1.957978
0.118557	0.555652	0.233081	1.2359	3.171034	0.150782	2.104587	1.84685	0.873274
1.465559	2.992853	2.23318	1.657816	2.849674	0.212561	1.36233	1.761092	1.036278
1.704375	0.754361	1.215956	0.870468	1.625388	3.886468	1.389124	3.75996	0.981852
6.737955	7.12228	6.341421	5.931176	6.592926	6.582839	6.872588	6.249751	5.821809
3.709939	3.315664	3.087039	3.487989	3.413625	2.621291	3.561008	3.772714	3.022129

2.306139	5.763458	3.553707	4.999	5.304705	4.89647	4.73802	3.44739	4.424502
3.95724	3.598645	3.700572	3.102543	3.882036	2.054552	3.569236	3.411322	2.824439
4.219433	3.270682	4.570534	4.315015	2.415698	2.129482	3.206172	4.401422	3.151912
1.192036	3.727973	2.631908	3.544093	4.24449	2.76249	3.138335	2.888344	3.830526
3.794911	4.25866	4.743574	5.444919	4.576345	3.078656	6.367697	4.962437	4.988021
1.603751	2.972077	3.602583	2.607934	3.526949	4.269578	5.230786	2.845339	2.787807
2.061039	2.911046	2.637555	2.452629	2.248671	1.647781	2.572602	2.763199	1.74237

TCGA-DU	TCGA-S9	TCGA-P5	TCGA-E1	TCGA-DU	TCGA-FG	TCGA-TQ	TCGA-HW	TCGA-HT
1.131258	1.037759	1.168303	1.21227	1.629408	0.664147	1.109059	0.727948	0.567543
2.333706	2.731881	1.853852	1.494847	0.943126	1.46202	2.866927	0.979131	2.13996
5.188819	6.367889	8.511133	4.984772	5.577646	5.512702	4.785241	5.472279	4.81777
2.954644	3.171415	4.606789	6.512741	3.438171	8.787625	2.241763	2.815953	2.985253
1.322824	0.567838	0.238482	0.772422	1.833311	0.753095	0.727372	1.116848	0.876134
7.373032	6.118428	7.672161	7.0825	5.840278	6.991294	6.138657	7.12373	5.916602
5.90315	5.9438	8.524903	6.853855	5.241566	5.312226	6.071904	5.802958	5.301578
0.947795	1.573384	0.830626	0.594216	1.262939	0.960857	1.211304	1.706985	0.818288
0.015479	0.059864	-0.01107	0.210955	0.399464	0.059526	-0.0522	-0.02023	0.04374
5.300728	5.44254	5.310181	3.475145	5.501737	5.876727	4.705898	5.310401	3.117403
6.010091	4.787113	4.923451	4.986156	3.880437	4.685062	4.57159	4.03634	3.304732
2.495111	3.112971	2.95551	2.922706	3.754909	3.002534	3.20819	3.222376	2.492111
2.616611	2.079379	4.640349	3.037053	0.984562	1.864513	2.39039	2.704398	2.839243
3.082361	2.86622	5.562848	2.996537	3.717437	2.321242	4.023358	3.278725	3.656076
4.265481	4.360539	4.550456	5.255007	5.812538	5.729747	4.893922	5.732923	6.788602
4.016074	2.193526	3.001111	4.261231	3.879732	3.235157	3.158931	3.127425	4.524374
1.039878	1.264201	1.883915	2.568729	0.921538	0.969853	1.04391	0.465649	3.057313
8.630386	8.650519	9.110068	9.524483	8.336048	8.463498	8.689863	8.149569	8.03705
5.698993	4.436704	4.638461	2.584089	6.628477	4.079946	5.04324	4.916664	4.513208
4.164449	3.546175	3.289386	3.701452	3.293182	3.541522	3.954511	3.343916	4.398048
2.904369	2.653719	3.598781	3.189277	3.43386	3.078412	3.052077	3.164471	3.772508
3.542754	3.718553	2.922102	2.096523	3.188499	4.241209	4.715573	2.897511	3.496488
3.224349	2.822927	3.414305	3.728415	3.286293	2.802617	2.555628	3.231797	3.396783
0.504512	0.303966	1.741756	1.324859	0.838115	0.364154	0.200466	0.546997	1.264117
2.674879	2.852227	4.335191	4.281904	3.800742	3.592784	2.815145	3.461825	3.335308
2.797633	4.239717	4.295503	3.904984	3.266672	2.707773	3.044057	2.360731	4.157423
0.502741	1.445475	2.636858	0.93295	0.81892	0.728269	0.934757	0.733206	0.413921
4.847367	4.549411	4.173938	5.730811	4.769728	4.770411	4.426487	4.470334	6.641274
2.634683	2.904015	2.199589	2.552034	3.333288	3.323463	3.302218	4.186565	2.853463
4.660801	4.056752	4.40014	4.253258	4.748817	4.103828	3.939384	4.404425	4.049215
2.954614	2.975521	4.317296	2.995093	0.703202	2.507	2.632791	1.605211	3.285798
4.142196	4.7938	6.008667	6.729831	4.633565	4.249509	5.07571	5.161511	3.108455
5.275313	5.851682	5.175029	5.521301	4.97272	5.290975	5.602347	4.880122	5.848491
3.459807	2.348058	4.790728	4.088156	2.645467	2.506762	1.887858	2.678709	2.436844
2.84709	3.307698	3.181976	5.402281	2.935397	2.82159	3.319522	3.271429	2.27117
2.583545	2.572697	2.409167	2.39239	2.690459	1.469969	2.278402	2.4177	2.949074
5.754785	5.383707	5.028493	4.867394	5.307803	5.772438	5.606217	5.501874	3.773362
3.462918	4.656655	5.453086	4.477962	3.413676	3.777669	3.888325	3.585834	3.347481
4.733537	5.373885	5.799431	5.686257	3.804483	4.153273	4.746331	4.514445	5.600356
0.076644	0.090658	0.137415	0.134097	0.069728	0.082308	0.094554	0.088857	0.148002
0.799096	0.406359	2.813098	6.748208	0.892961	0.762856	0.363689	0.453132	0.573178
2.742428	2.757641	2.960261	2.537455	2.853452	2.989187	2.934655	3.077054	2.520109
2.494534	3.851701	3.63407	4.200101	0.872422	2.103772	2.599977	1.621949	3.666272
1.099417	1.053625	1.795991	0.868815	2.086333	0.50565	0.901823	1.309403	1.623604
0.714996	1.712558	1.233321	2.939862	0.903851	1.29282	1.147432	1.556255	0.871583
9.79439	10.24544	11.91782	12.09047	8.521758	9.106522	9.890787	9.46202	9.893244
6.268719	5.453743	5.448582	2.532598	6.583355	5.918211	5.554361	6.640016	3.307399
3.552487	5.013045	5.149348	2.57123	5.047898	4.406455	3.531481	4.334963	2.864484
0.694474	0.552397	0.442568	2.056418	1.260482	0.814785	0.393669	0.51803	0.508268

0.927325	1.172031	2.08907	0.69073	0.819298	0.374762	0.866655	1.018203	1.974185
0.639636	1.027387	0.92565	0.51209	0.924694	0.792254	0.35416	0.576401	0.267716
2.121803	2.218395	1.224439	2.112823	2.629558	2.13118	1.486514	1.799501	1.844445
4.218018	4.309077	4.71667	3.948628	4.923536	5.699728	4.098394	4.64564	4.710339
4.347124	4.135776	5.159381	4.845463	4.372567	4.178831	3.881109	4.206452	3.925645
0.19365	0.203015	1.082933	0.501611	0.138325	0.064097	0.090472	0.062387	0.349101
0.417214	0.546897	6.165815	3.080681	0.513064	1.108853	1.123489	0.688833	2.926373
7.006768	7.933294	6.262641	6.89954	7.14051	8.649313	8.728044	6.788147	8.653143
9.852613	8.430389	8.208995	5.19666	9.058217	9.565678	8.288093	8.332337	7.831462
3.872727	4.332814	6.283037	6.928783	3.859512	4.771788	3.125568	4.560961	3.834622
1.699846	1.352907	3.048567	3.487751	1.387945	0.822611	1.598813	1.227075	3.237995
3.66444	4.349891	5.492432	5.484859	4.321185	5.786357	5.351939	5.055245	3.936565
2.266038	2.360188	6.281952	4.782685	0.97812	0.971251	1.646212	1.242534	1.562541
2.856827	3.152056	4.005474	3.024579	3.874746	2.871928	3.262228	4.007807	2.961501
1.042162	1.049146	5.477014	0.40387	0.927492	1.108015	0.940562	1.282291	0.515936
7.067452	7.966221	9.923172	10.41064	6.066322	9.360751	8.970737	8.235083	9.855954
2.46004	2.851107	2.999994	3.290245	3.609788	2.754928	2.902811	3.322997	4.205407
3.821332	3.239706	3.280241	4.519198	3.911452	3.715192	3.258434	3.484686	3.840045
0.431042	0.684971	0.483743	1.328936	0.585942	0.731603	0.865678	0.573147	0.472355
5.548144	5.308642	5.313558	5.332058	5.94926	3.85141	4.605767	5.422427	5.361303
3.330697	3.910776	3.556639	3.29441	3.940521	3.85484	3.792779	4.311396	3.099133
2.422538	1.991224	3.712192	3.158461	1.252742	1.77304	1.93437	1.335453	3.999144
2.936909	2.508343	3.402477	1.918965	3.125732	2.753738	2.512677	2.552335	3.777806
4.459659	5.193717	5.460138	3.486506	5.253969	5.171906	4.702483	5.890086	3.376633
3.515731	6.465189	5.627975	7.376069	4.384089	5.175758	4.913339	5.80307	5.449576
0.749951	2.0805	1.650027	3.284041	2.503625	2.6323	3.836959	6.255825	1.113432
2.99172	3.14143	3.832826	3.766835	1.917512	3.343857	2.984102	2.174943	4.27734
3.490391	3.65413	4.54387	4.032084	2.6212	1.99817	3.762719	2.358933	3.975205
2.938192	2.583327	1.818515	2.501833	3.607544	2.20939	2.684562	2.546464	3.239625
4.08517	3.441786	2.958328	2.866537	4.077383	3.497817	2.770564	3.806492	3.602368
2.0699	1.687757	4.399303	1.990954	2.625777	1.508087	1.840843	2.35588	2.947436
3.164066	4.208948	3.289063	5.244308	3.689262	4.355186	3.806535	3.596946	3.539571
7.651232	8.660634	7.882786	8.381762	7.620477	8.036065	7.047506	7.127917	6.947775
0.865601	1.298887	0.438434	0.920422	1.188688	1.09075	1.55162	1.100913	1.533994
5.290401	5.466631	5.471309	5.777902	5.173963	5.960794	4.235234	4.885035	5.328031
0.499396	0.98085	0.150314	1.413894	0.409442	0.538	1.114002	0.529361	0.608043
3.438975	3.32036	2.889595	3.20473	4.284536	2.84756	3.263871	3.379174	4.205934
1.791479	3.440748	4.19262	6.728634	3.224586	2.672456	3.738352	2.4205	0.989911
2.0742	1.779911	3.76123	3.74142	1.618845	1.297778	2.076352	2.089923	2.448642
2.901662	3.490299	3.859175	3.603559	2.757781	2.485144	2.390958	2.525311	3.03884
4.100355	4.816687	7.633231	5.039096	5.66423	3.603758	4.039021	6.617649	4.257786
0.72252	0.207362	1.380451	3.153634	0.193707	0.265588	0.343636	0.258413	0.234462
3.230983	3.252193	4.442583	3.925717	1.074464	3.372835	2.563178	1.799529	3.579948
0.230081	0.769363	0.661671	3.224349	0.004097	0.293153	0.427661	1.453671	1.64593
4.283142	3.553561	6.221385	5.995258	4.583806	3.126472	3.505647	2.61489	4.219701
1.693856	2.211486	1.275579	3.241831	1.554702	1.997444	1.739486	1.513696	1.38045
3.452404	4.108199	2.816182	3.883043	3.476462	3.564874	3.857964	3.622199	3.244466
3.325022	2.860461	1.877228	3.521935	2.313012	3.179472	3.532465	2.980765	3.367488
6.465952	4.555924	6.893807	6.506039	5.150613	6.208982	5.772831	6.391898	5.098042
3.063191	3.614831	4.248983	5.201794	0.919198	2.282134	2.983707	1.505003	4.02695
7.476068	6.40222	5.41413	6.103583	7.273288	8.824364	7.359625	7.600484	6.376756

2.919734	2.428861	5.489097	4.936631	1.330561	1.071363	3.378792	2.982874	2.181141
1.722221	2.148825	1.523011	3.555748	1.77158	1.885291	2.207467	1.418963	2.778643
3.52855	2.940014	4.282083	5.389283	3.989314	1.53229	3.162407	3.636515	1.75741
-0.01725	0.643366	0.021011	0.478963	0.166421	-0.0053	0.156051	0.145611	0.30797
7.67591	8.766114	8.874247	7.627765	8.114029	10.06722	8.406694	8.683265	7.178777
4.298589	4.258252	4.3914	5.200961	3.990434	5.298002	3.812135	4.889818	5.115364
2.518277	2.550886	4.286435	7.125878	2.349001	3.181219	3.977715	2.725873	2.991508
0.291077	0.494079	1.032176	1.126905	0.555277	0.527838	0.731544	0.508625	1.761243
3.226005	2.876349	2.960018	2.091793	5.466978	3.670597	4.168985	4.060532	4.610035
1.416909	1.676584	4.722968	4.506844	0.685228	1.848389	1.988321	1.844207	4.824282
2.089948	2.523661	2.186357	3.152006	2.745682	2.645404	2.186377	3.070073	1.650394
3.070702	2.702713	2.87796	3.092509	3.281675	2.545617	2.720839	2.735337	3.247924
0.207057	0.49933	-0.00296	0.078491	0.336158	0.210087	0.048248	0.334344	0.078045
0.465788	0.678924	0.150997	2.432783	-0.03862	0.001376	0.427294	-0.00118	0.181774
4.174116	3.181683	3.245645	4.375643	3.62915	2.908074	3.263987	3.712334	4.040148
4.079967	2.889511	5.264118	1.075265	3.737631	4.359329	4.916469	4.221089	1.550358
3.677631	3.142132	2.733821	2.402486	2.32654	4.055136	4.86235	4.021702	3.864681
2.823306	2.514346	2.472399	1.381332	3.297279	2.549622	2.448111	2.942452	2.257273
4.193666	3.376005	4.96919	4.072298	3.878034	3.76374	2.272137	3.73954	4.209415
7.061726	7.118512	6.63482	5.884805	6.489588	8.236414	7.789099	6.629254	7.067772
0.164146	0.656225	-0.0282	0.194053	-0.00377	0.085182	0.48732	0.421409	0.172667
0.805424	1.300206	1.145974	3.765521	0.757468	0.475138	0.484288	0.873657	1.825464
2.733131	3.190673	2.359079	2.78931	3.533762	1.901059	3.022905	3.032246	3.180518
6.743509	6.685756	2.944009	6.369258	6.363431	7.431201	6.080972	7.572646	4.544335
0.081991	0.028697	0.398092	0.028587	0.05374	0.211514	0.121209	0.089583	-0.01374
1.687648	0.900801	0.924106	1.326159	0.64176	0.257278	1.717471	0.459915	1.487841
4.927131	3.338368	4.490602	3.036816	4.458072	3.225181	4.194657	4.43395	4.450079
6.325696	5.970858	5.885288	5.21506	4.961376	6.137093	6.203295	5.836068	4.328817
5.706722	4.985944	4.5299	5.11692	5.675262	5.969877	5.019116	5.587535	4.86072
4.824862	4.562203	5.093105	4.093258	4.161757	5.106635	5.1458	4.788927	4.874589
4.139279	3.544606	6.346757	3.347161	4.608313	3.423359	3.726406	3.703363	3.675461
0.673369	0.974535	1.521739	1.931474	0.994824	0.882713	1.113368	0.690603	0.870569
5.399805	6.193882	4.340097	6.587201	3.322213	3.364163	6.636565	4.30592	6.468895
0.0695	0.033215	0.000681	0.015336	0.06378	0.136386	0.027412	0.085534	0.000681
6.421158	7.484853	6.09204	7.292908	3.916097	4.664582	7.354135	5.389269	5.936809
4.214211	4.204822	3.946957	4.597516	4.112065	3.731567	3.943937	4.136197	4.786817
4.953152	4.650378	5.313979	5.371262	4.312445	3.454093	5.00185	4.203008	5.788634
1.960258	2.604358	2.434165	4.083067	3.20229	2.295062	1.953123	2.67228	2.346487
4.591644	4.387117	7.901611	9.332034	4.355883	3.026819	4.135421	4.674635	4.298458
2.292449	1.047377	3.699531	4.48973	2.131725	1.455214	0.981011	1.751221	1.324086
0.239786	0.228066	0.051533	0.068577	0.461526	0.755789	0.27364	0.386057	0.044203
5.011213	3.709342	4.341142	4.264979	4.761158	3.136267	2.980118	3.215048	4.512853
0.178297	0.353244	0.282953	0.366632	0.259669	0.331834	-0.03865	0.263834	0.178563
0.142495	0.095681	0.082221	0.024509	0.172974	0.173022	0.130271	0.289615	0.075435
6.457984	7.538028	6.519007	6.860019	4.907362	6.130449	7.640106	5.395326	3.837431
4.086775	3.817098	2.442828	3.16152	4.045097	4.319699	4.212103	4.927261	3.954984
1.954479	2.150374	3.508488	3.552443	3.105502	2.678619	2.392248	2.31906	3.38794
1.200978	1.047	1.743629	1.460634	0.825404	2.339653	0.71196	2.798816	1.408583
6.19426	6.947757	7.262228	9.564201	5.866068	6.104371	6.752144	5.850219	7.867559
0.035652	0.085243	0.012251	0.045487	0.081319	0.036932	0.012251	0.047608	0.045323
1.286649	1.833043	3.057185	3.254449	0.998324	1.160472	1.303185	0.796383	2.48044

3.48543	3.050909	2.37745	3.413697	2.964343	2.766021	2.198282	2.508756	3.419844
5.094432	7.057162	7.704144	6.403232	4.737763	5.952919	7.74791	4.926393	6.399389
0.206068	0.298775	0.289491	1.744497	0.309385	0.642418	0.187155	0.306392	0.640587
0.200182	0.082912	0.149616	0.463295	0.350423	0.233217	0.222036	0.15838	0.13411
3.406871	3.882133	4.320128	4.938696	5.508124	4.093101	3.21285	3.566543	5.701075
5.875254	6.518432	5.167342	5.554651	5.681021	5.719618	5.699676	6.531538	4.715888
0.092707	0.183663	0.665854	0.091931	0.028424	0.067046	0.079178	0.064968	0.055819
11.15583	8.775763	9.315385	9.324377	8.48574	9.434279	9.257923	8.887816	7.741003
5.320584	4.381315	5.311131	4.824499	4.353417	4.463053	4.415562	4.032222	4.209976
3.097317	1.021456	2.45361	0.868142	1.924416	1.546166	3.096537	0.81801	3.861656
5.273274	7.890367	8.72696	10.18456	5.121594	6.093521	7.464574	4.535775	7.731668
3.517711	3.712509	2.673016	3.780109	5.620633	3.599029	2.585379	3.148372	3.883446
3.856665	3.522978	2.031473	3.04143	3.204788	3.341978	3.573799	3.250484	4.322131
1.33676	1.480824	1.383974	2.43197	0.722863	0.728955	1.656609	1.13777	2.39835
0.109825	0.049638	0.153377	0.077306	0.090966	0.057798	0.077971	0.0646	0.047889
0.596866	0.756746	0.716744	0.727921	0.793421	1.227936	0.71058	1.03153	2.03728
5.137365	5.556427	4.296255	5.224172	3.654019	4.981327	5.556306	3.900905	3.934263
2.468564	2.630523	7.172427	10.95702	2.939352	2.393569	3.139107	2.634109	4.664473
2.509947	3.725107	4.016981	6.43794	1.406269	3.024327	2.997268	1.33793	2.570725
4.524251	6.02765	4.107392	6.094181	4.830969	5.597882	5.429938	5.969799	5.844193
3.33902	0.351385	1.236233	0.421787	1.28033	1.339897	2.33612	0.583189	1.612499
4.479318	5.129912	5.432836	5.081395	6.080048	4.026388	4.202067	5.875517	5.894623
0.052904	1.667911	0.777247	4.574885	0.353165	2.117807	1.328019	0.790623	0.575987
2.978339	2.977494	3.315515	4.41953	2.733409	3.467961	2.759919	2.964981	2.788008
1.471157	1.052982	0.677978	2.772519	1.629416	0.955209	0.823905	0.885293	1.167969
0.298587	0.451311	1.58831	2.036436	0.109891	1.807691	0.290305	0.376278	0.763452
5.045436	4.483095	3.985305	3.714881	5.57532	6.009138	3.612631	4.922431	2.606442
4.480368	6.39502	6.141339	6.165607	5.085559	4.189984	6.570816	6.542174	6.106657
0.59628	0.867212	1.11006	1.048766	0.283454	0.474488	0.526168	0.344051	0.824747
4.89066	6.393773	4.24868	6.905483	3.950865	3.419165	6.658905	4.878624	6.323594
7.725079	7.141672	5.975954	6.23878	7.26384	7.211872	7.402553	7.414695	6.50275
0.2041	0.262169	0.034681	0.131625	0.39262	0.336673	0.261107	0.427806	0.248247
3.463501	3.110253	3.157845	2.721343	2.942509	2.825276	2.849474	3.404508	3.231213
1.822062	2.095732	2.819139	2.873907	0.851411	1.508893	1.422835	1.74127	2.827791
1.860012	2.834749	4.011304	5.115522	2.421149	2.228577	2.825184	2.484995	3.594017
3.430831	4.179721	3.885272	2.657544	3.62049	4.298913	4.563348	4.226806	4.339327
2.948877	1.610009	1.848214	2.074605	1.071092	1.708457	3.435323	2.440667	2.192942
3.200557	3.181848	4.245864	2.44029	3.169351	2.966146	4.005138	3.745831	4.6886
4.125594	3.491753	2.235999	3.377682	3.308463	3.199061	3.203369	3.032198	4.279943
8.326735	9.834183	13.19012	11.20304	7.300916	10.47585	9.301388	9.144366	7.856582
4.629758	4.32725	3.50459	5.116946	4.158749	4.837245	4.771866	4.320136	5.368295
3.913985	3.744451	4.256526	2.65642	2.189252	2.604361	4.152786	2.017214	4.566718
7.597131	7.305217	7.15322	4.937831	8.494776	8.740939	9.031098	9.093246	5.702981
4.407332	3.60966	4.054551	4.4331	4.465768	3.650231	4.117738	5.176923	3.388615
3.082238	2.645431	1.517386	1.849628	3.940527	3.177346	2.83496	3.584095	1.914033
1.026853	1.414934	0.627842	1.490064	1.241582	1.278845	0.713573	1.52527	0.525876
2.875653	2.510663	2.172526	2.128881	3.604835	2.678421	2.745161	3.136832	3.14421
4.099934	4.489268	3.833633	4.24227	4.419264	5.39744	4.034714	3.746889	4.832266
2.959476	2.875746	3.094428	3.154355	3.563237	2.401422	2.814326	3.003523	3.420843
0.611186	1.124927	1.630696	2.298669	2.401604	0.992371	1.624794	2.069877	0.431467
3.236857	1.964353	3.413852	2.895887	2.948587	2.58575	2.508729	2.120008	3.279681

1.609629	2.046963	1.367692	1.506166	1.918337	1.32064	1.26473	1.547557	2.193471
3.24073	2.754036	1.417332	2.53918	2.735785	2.782683	3.260581	3.54582	3.380274
5.092	4.262911	6.157385	7.521937	3.095538	3.921621	5.566368	3.608091	2.842013
4.867293	3.844913	4.671331	3.947554	3.515209	3.959821	3.114443	3.778496	3.869424
1.315998	0.577532	0.886279	3.057106	1.458943	0.906133	0.564714	0.823242	1.432402
5.010551	5.040349	3.939683	5.566032	4.051097	4.610894	3.49335	4.251804	4.805337
1.675415	5.782837	4.700563	5.233201	1.880632	1.281385	1.528419	2.366612	2.759376
3.767098	4.456451	6.507921	5.560281	4.281679	3.878787	3.914203	4.414408	5.16622
3.747791	5.11009	4.583275	4.438036	4.71307	4.659834	4.259513	5.290884	3.944341
5.257422	5.096212	4.397638	3.920499	5.433216	4.526459	5.988378	4.955524	3.742354
4.635142	4.159824	4.130039	5.945854	4.153601	4.658756	4.10929	4.861314	5.350827
5.192371	5.303987	6.258345	7.156051	4.892401	5.895382	4.827678	5.047142	5.318106
5.999757	4.465474	4.747678	5.18867	6.424668	7.765691	6.694535	8.676422	2.97357
3.730569	3.422325	3.705627	5.496186	4.938811	4.081983	3.154825	3.941497	4.442889
4.069641	3.130849	3.518386	5.39909	2.436796	3.65148	3.242701	3.510782	4.237099
5.600811	5.909939	5.323427	7.052374	5.624781	6.570992	6.686067	6.543819	5.327888
2.460248	1.818618	2.544864	3.900432	2.999978	1.578068	2.033588	2.743146	3.030427
2.608789	2.733729	3.314237	3.318164	2.627463	2.621465	2.267085	2.40169	3.762516
1.832601	2.506887	3.804549	4.953104	1.29729	1.764218	1.923682	2.872711	3.362675
2.152621	3.292088	3.66005	5.992101	1.193947	2.432001	3.030545	1.75956	5.578144
0.72197	1.098626	0.604764	0.285538	0.176894	0.519523	0.575576	0.820221	0.205851
5.614287	5.181386	4.235375	4.674987	5.750193	4.78238	4.43874	4.90673	4.480321
5.265796	4.540082	5.019935	4.321869	4.177044	4.350358	6.591218	4.688226	5.213916
5.793563	5.827373	5.688712	3.454849	6.004106	4.472094	5.422655	5.519932	5.03293
-0.07588	1.455676	0.551743	3.48504	0.193867	0.130425	0.498572	0.182225	1.137315
3.110732	2.243214	3.541836	2.495853	1.358969	1.325556	2.662685	1.687342	1.278947
3.683599	3.082133	2.817397	4.468675	2.987222	4.220622	2.643954	3.700814	3.530934
3.656971	5.458902	7.215941	6.711383	2.576637	4.583937	5.491339	3.928821	4.994784
1.609304	2.056612	2.499139	1.671621	1.380575	2.147614	1.805775	1.727586	2.086144
2.521557	2.835365	2.34078	6.844294	4.071273	2.719721	2.754204	3.702448	3.531336
6.205362	6.235139	5.409551	5.718726	6.805846	6.715776	6.326892	6.105587	6.469577
2.692529	2.936302	2.908719	2.139141	3.679835	1.878823	3.014117	2.414391	2.686047
0.680869	0.846773	0.363216	0.88127	1.041395	0.364774	0.420608	0.35277	0.674326
4.367596	4.622467	4.597989	5.518749	4.217883	4.558285	4.058214	4.237233	4.14347
4.004035	3.745491	4.150173	2.782393	4.111534	3.087739	3.641004	3.108696	4.7726
3.708842	4.257024	1.673436	1.415288	4.234123	4.248242	3.309626	5.492666	2.014843
1.982274	1.85187	2.785374	3.784279	1.109821	1.787491	2.135477	1.39919	2.804387
0.124037	0.236779	0.285015	0.351815	0.081815	0.028347	0.427802	0.071771	1.00433
6.114034	5.349914	5.361392	5.911186	4.867238	5.698719	5.242684	4.437572	4.869236
4.613294	3.754989	6.393399	6.788177	3.014681	4.361641	4.477237	3.842632	6.475241
5.839638	4.684485	8.752029	7.661521	5.554341	4.949522	6.125392	5.842074	6.837714
5.44846	4.58286	6.837409	5.654187	4.940903	5.448285	4.335053	6.167496	5.804509
2.526439	3.536665	3.099802	5.699921	2.691643	4.172662	4.144998	3.550959	4.798806
3.452223	2.925401	2.974542	3.237404	3.386207	2.68996	2.605029	3.166731	3.464394
3.323678	3.497479	3.160117	3.320488	3.567241	3.695443	3.135242	3.310327	2.153871
0.325979	1.657565	0.255474	0.100655	0.225876	0.776789	4.29566	0.076011	0.155253
0.896233	1.908983	0.227584	0.552628	2.090189	2.229824	0.462977	3.252589	0.174191
1.536946	1.340142	0.780747	3.015317	1.506423	1.867003	0.397609	0.819434	1.575554
1.120636	1.93854	2.855064	6.186205	0.676885	1.839267	1.673283	0.95654	1.002726
6.919942	6.663227	7.515003	7.123533	6.136804	6.741815	6.321916	6.76626	7.422089
3.485337	3.709319	4.499583	4.272081	2.782234	4.221922	3.410957	3.184616	3.212539

3.603426	4.445137	4.187342	3.079668	4.922843	4.929398	4.591666	5.258629	5.895637
3.764959	3.316332	2.904412	4.951688	3.172132	2.959839	3.008857	3.134662	3.901449
2.623162	3.860867	1.935027	3.724338	3.045532	4.375355	3.38371	2.854313	2.755489
2.869038	1.937537	3.205131	3.739838	3.303209	3.384003	2.720609	3.338485	4.764205
6.577038	4.825956	4.063265	3.337709	5.187279	6.60701	4.998261	6.313677	4.79544
4.193537	3.208934	5.640496	3.430176	5.579669	3.515992	4.064737	5.677001	2.934414
2.409242	1.735846	1.863101	2.18478	2.444699	2.10191	2.015152	2.264215	2.680135

TCGA-TM	TCGA-DU	TCGA-FG	TCGA-S9-	TCGA-S9-	TCGA-S9-	TCGA-DU	TCGA-E1-	TCGA-DU
0.270278	0.145059	0.964386	0.584085	0.462221	0.547912	0.537583	0.303435	0.478198
1.194658	1.052787	1.911619	2.481873	1.024321	1.516706	0.970115	1.793391	0.701245
3.801046	5.995091	5.023089	5.281312	6.973654	5.569083	5.885488	6.5606	5.252188
2.935999	5.978366	3.101225	2.111675	5.197224	3.41316	5.149193	2.902102	2.870724
1.408255	0.487737	1.018053	0.672413	1.333731	1.592113	1.140433	0.669867	1.35739
9.003775	6.595465	6.480742	6.666829	6.523888	6.018991	5.910637	7.241353	7.282321
5.594997	5.723956	5.60984	5.962818	5.721295	5.978283	6.389387	7.68048	5.939973
0.499825	1.381004	0.779052	0.738237	4.287022	0.61879	1.370222	0.785265	2.653781
-0.06439	0.291557	-0.00945	0.948219	0.120388	0.020928	0.091563	0.001188	0.062684
5.42043	4.088436	4.890978	5.314787	5.898588	5.598136	6.038646	4.712833	4.939932
4.411199	4.584715	3.994551	4.613987	4.435446	4.40306	4.033002	5.694555	4.732792
2.704152	2.066564	2.632238	2.967538	3.726133	3.615504	4.036085	2.633253	3.598594
4.037437	2.366863	2.017099	2.415115	1.915559	3.318218	1.65916	4.365988	1.559212
3.493429	4.07192	3.144604	2.611239	3.192108	2.566856	4.143336	3.532258	2.658938
5.899219	4.419843	5.949946	4.824564	3.733493	5.694213	4.895219	5.925898	5.209093
4.513705	4.681669	3.276758	3.227495	2.273196	2.917297	3.290082	4.129908	2.782615
1.750715	1.19653	0.989347	1.291505	0.975084	1.255807	0.915744	2.199666	0.583573
8.172726	8.516233	9.266472	7.966903	8.20115	8.695141	8.658489	8.658773	8.354953
5.791853	2.835881	4.937597	4.947003	3.4588	5.83495	4.719492	3.812333	4.575713
4.061726	2.39	3.712811	4.269344	3.102387	3.560454	3.570193	4.308263	2.610355
2.714849	3.220634	3.421488	3.042117	2.244646	4.053624	3.011895	1.974004	2.693059
2.717236	4.171822	3.16079	4.083325	2.986843	3.541816	3.238357	1.751159	2.839481
3.105168	2.909224	2.948359	2.82319	3.347036	1.840156	3.215477	3.090884	2.584233
0.740977	0.659048	0.578849	0.397811	0.325262	0.309916	0.374901	0.633866	0.420133
3.131056	3.622499	2.068001	3.265518	4.430731	3.311622	4.879214	3.677969	3.473088
2.245954	4.485987	2.77163	3.207808	1.601087	3.129649	2.862623	3.91064	1.675508
0.412664	0.434582	0.713791	1.300854	0.528065	1.115737	0.495622	0.814433	0.933701
4.355307	5.599846	4.690414	4.870253	4.140249	6.134534	4.150225	7.027204	4.555181
3.032289	3.661597	2.378744	2.300482	5.617988	2.538428	4.250517	2.439409	4.558063
4.365874	3.73545	4.468659	4.272798	4.27525	4.901777	4.589168	5.033283	4.736445
3.434256	1.341716	2.717589	3.172285	0.840763	2.509733	1.482146	3.532912	1.563988
3.790303	4.759022	4.439667	4.45337	6.140456	5.417956	5.021296	3.139335	4.795216
3.959363	6.125274	5.793814	4.888693	4.305524	6.634285	4.563033	5.821014	4.320988
5.587489	2.136401	3.122459	2.538426	2.753711	3.041131	2.648646	5.511644	2.391622
3.129599	3.393632	3.391571	1.6338	4.551081	2.298268	3.619765	1.706031	5.690898
3.015566	1.581562	2.90392	2.92895	1.138239	2.955582	2.163514	2.43153	2.321589
4.244478	5.92706	5.05413	5.169193	7.056191	4.30329	5.755981	5.508102	5.92419
5.500909	3.708703	3.371105	3.751406	4.549845	3.303649	3.843911	4.820009	3.927109
4.228877	4.443563	5.26861	5.518329	4.565429	5.187885	5.103774	6.009861	3.949253
0.071947	0.268318	0.097592	0.087542	0.089098	0.234751	0.186439	0.169609	0.083
0.280585	0.990277	0.935795	0.564814	0.77918	0.432857	0.564132	0.215101	0.304192
2.166156	2.996445	2.530398	2.199714	3.839796	1.794401	2.678258	1.259912	3.163322
2.593112	1.060365	2.39881	3.213159	0.976203	2.430801	1.916522	4.025486	0.998927
0.725201	1.511177	1.635668	1.226576	0.477659	0.821849	0.936193	1.567634	1.711618
5.081054	2.492488	1.045959	0.774751	3.149847	0.367724	1.769833	5.162458	1.858743
10.20499	9.712158	9.797915	11.5216	9.026993	9.611567	10.95686	11.89685	8.744021
3.15884	5.871136	5.43026	5.267741	7.490224	6.509354	6.491935	2.907197	6.709932
4.572186	4.016625	3.434501	3.269717	5.708649	3.615314	5.332512	2.676466	3.753183
0.945641	0.854802	0.855737	0.713344	0.446677	0.877565	0.92214	1.276037	0.542854

1.221896	1.16402	0.911054	0.755056	1.063835	0.889059	1.14094	0.254252	0.888115
0.304027	0.72072	0.596706	5.848387	0.488823	0.487632	0.626516	1.03241	0.384196
1.313516	2.04745	2.454502	2.428311	1.810327	2.613801	1.780791	2.28416	1.556764
4.125295	5.182519	4.082328	3.974361	5.122003	4.448378	4.965026	5.328661	3.825416
4.677595	1.72989	3.647034	4.523502	3.119994	4.025093	3.766749	5.186233	3.573432
0.690827	0.053387	0.226187	0.057596	0.039295	0.108404	0.153783	1.816552	0.085839
2.753115	1.20712	0.626575	0.716759	0.526326	0.674425	0.634172	7.229018	0.625525
7.611572	8.911546	7.377207	7.826296	6.747921	7.749379	7.409766	7.575669	6.367717
8.636656	8.073042	8.851413	8.953819	7.980068	7.709401	8.866841	7.689008	8.328071
5.783241	4.933413	3.467347	3.616365	5.479967	3.718418	4.58052	5.882849	4.090981
1.841388	1.217868	2.532022	1.700088	0.558647	2.357846	1.460251	3.287352	3.338429
5.498843	6.486882	3.557319	5.453989	6.761806	4.687762	5.134025	6.645761	5.826405
4.799061	1.1309	1.439757	0.944883	1.095439	1.015462	1.392516	1.529973	0.726599
3.281386	2.156211	3.188351	2.698835	4.358636	3.348493	3.990851	3.475515	4.896267
1.039572	0.880296	1.286481	0.935307	1.249463	1.185498	1.742139	0.399502	1.043548
7.036385	11.32266	8.147997	8.304446	9.095297	9.004762	8.46767	11.31143	8.609911
3.756814	2.212874	2.232254	3.39144	2.286388	3.704519	3.00403	4.461819	2.825947
3.086832	3.858392	3.765634	3.919907	3.237801	3.64912	4.201521	5.017171	3.555256
0.921234	0.59622	0.418048	1.171669	0.517982	1.153878	0.102528	1.365868	1.074476
4.402417	4.733195	4.71759	5.036042	5.30455	6.112436	5.577428	3.304117	5.238161
3.145041	4.001725	3.237368	3.514443	5.394322	3.443488	4.47684	3.014124	4.147547
2.535735	1.980603	2.421254	2.672352	1.042714	2.361122	1.83198	4.563352	1.014733
2.776479	2.83733	3.159072	2.459522	3.048158	3.222739	2.8631	3.305554	2.682051
4.035108	5.762531	3.819065	3.935166	7.459767	3.698902	5.822764	4.346367	6.015273
4.925299	6.676248	3.576951	5.052172	7.303837	5.169604	5.202478	6.715615	5.898579
2.234566	2.575806	1.745696	5.401068	3.449439	2.772996	4.823907	4.233635	4.759254
3.231885	3.631448	2.814343	3.677364	2.251566	4.095763	2.419456	4.077038	1.883666
4.246388	2.464715	3.476304	2.721511	1.146813	2.793086	3.136848	3.420876	1.476251
2.748777	1.884082	2.878619	2.695458	2.139209	3.366761	2.785741	2.594171	2.345777
4.230307	3.871504	3.782536	2.860569	4.770155	3.239834	4.042597	2.709256	3.906857
2.222533	2.399099	2.641204	1.527474	2.795204	1.587507	2.455466	2.06365	3.106917
3.605083	4.014463	3.002865	4.194675	3.192212	3.908536	2.373977	4.809155	3.678638
5.535539	8.421985	6.924129	7.77021	8.145072	6.58452	6.533983	9.123424	6.670004
2.161841	0.710606	0.904937	1.140894	1.738131	1.380279	1.468249	0.47742	1.309455
4.447344	5.582934	5.508702	5.76893	4.647558	5.15063	4.906335	6.500839	4.375694
0.311419	1.931131	0.792827	0.412462	0.909327	0.80878	1.122959	0.66555	0.886667
3.572217	2.588237	3.790726	3.755975	2.064522	4.274378	3.277432	3.59295	3.255826
1.894332	1.086409	0.894584	2.993457	1.642515	3.387392	3.461732	1.232633	2.026611
1.569771	2.054846	1.550968	1.975479	1.968896	2.075795	2.107391	3.838296	1.591246
3.728922	2.812289	2.873112	3.06809	2.641651	3.399071	2.88142	4.419327	3.097589
6.362299	3.93789	4.806997	3.417847	3.792122	4.539424	4.259959	6.327269	6.800179
0.753019	1.204334	1.40909	0.262617	0.109336	0.459591	0.290523	0.351477	2.041463
3.110476	1.696615	3.011778	4.344624	1.5897	2.967236	2.187133	4.173495	1.453284
0.027084	0.223168	0.683626	0.859635	0.228286	1.147527	1.036995	3.260832	0.466504
4.182956	2.601923	4.516778	4.475883	1.271596	3.780469	3.406513	4.799638	2.566161
1.346196	1.807175	1.307764	2.498859	1.770329	2.749771	0.686364	2.307883	1.541342
2.518379	4.336994	3.135906	3.524249	4.964791	3.529071	3.610135	4.063382	4.181828
2.723474	3.243364	3.353115	3.335965	3.486284	3.222868	2.323784	4.436008	4.205707
3.920285	4.451738	7.498417	6.0615	3.615928	7.410139	5.828484	7.070265	5.531326
3.632264	0.933581	2.790604	3.056642	1.208514	3.466714	1.526135	4.590618	1.817777
6.280218	7.105798	8.262497	6.469706	6.19668	6.167153	6.447682	6.390132	6.531058

4.492277	2.05428	4.344719	2.459247	1.480846	1.257723	2.157301	5.152522	5.574979
1.993294	2.348933	1.570773	2.380736	1.98856	2.146882	1.607816	4.362188	1.550578
3.24281	1.675811	3.459374	3.460987	2.11976	3.693539	3.371996	2.863376	3.431162
0.225081	0.017879	0.303627	0.745497	0.039486	0.438333	0.103637	0.932698	0.166392
7.026315	8.729542	6.58051	8.160179	9.199492	8.521662	8.429922	7.796924	8.086085
3.547118	4.814498	3.093244	4.293398	4.998008	4.304056	4.407807	4.600985	5.203374
3.581435	2.916356	3.09129	2.614895	2.266619	2.292306	1.880829	1.421292	2.748991
2.224936	1.047113	0.910305	0.652593	0.542283	0.751701	0.839048	1.190744	1.190878
4.557654	4.22019	4.530955	4.108159	3.796861	4.161153	5.284631	4.984111	3.962944
3.728292	2.221432	1.789074	1.407513	0.956273	2.440041	3.012077	3.351905	0.532862
3.200539	2.700749	2.420404	2.285881	3.842415	2.610041	2.478897	3.472592	3.308272
2.853358	2.104824	3.421096	3.100136	2.30052	3.71264	2.895665	2.123629	2.78844
-0.0057	0.673374	0.362912	0.026378	1.111276	0.107446	0.607939	0.040751	0.642139
0.072008	0.030849	0.334835	0.068616	-0.01074	0.04965	-0.0482	0.151071	0.080059
1.375889	2.649098	3.712168	4.431965	2.344449	3.280678	3.671057	1.127967	2.824689
2.726068	2.275055	4.191706	4.223675	2.288362	4.475364	3.533523	1.968328	2.513557
1.078729	2.750218	4.32658	4.340394	2.162351	2.903816	2.573952	2.267668	2.750484
1.900405	1.477726	3.147841	3.130047	1.979188	3.656414	3.339971	2.191915	3.002682
2.846677	2.482538	3.655398	4.336505	3.294709	4.612536	3.597695	3.649273	3.446972
6.104729	7.633735	6.401322	7.962796	6.589697	7.219545	6.26804	5.714228	6.047149
0.180966	0.167572	-0.03622	-0.0141	0.538555	0.07086	0.132668	0.060984	0.647313
1.329248	1.765036	0.785754	0.957909	0.812652	0.638088	0.573636	2.08841	0.729226
2.500861	1.642427	2.75615	3.167014	1.601899	3.828713	2.02097	2.7137	2.948383
5.073401	6.475891	6.361134	7.106664	8.429971	6.966039	7.647839	5.891642	7.082101
0.083583	0.072065	0.157033	0.853698	0.133455	0.230702	0.092126	0.105228	0.050192
1.80066	0.862109	1.878322	0.69061	0.782625	0.750604	0.562784	0.113777	1.102253
4.323751	2.379159	4.174107	3.962041	3.445359	4.301645	4.4196	3.619422	3.965228
6.103036	5.988721	5.534959	5.836189	6.930848	5.596263	5.885159	5.529478	6.128821
4.648416	5.332389	5.463373	4.813878	6.319934	5.125402	5.220609	4.312229	5.716531
4.260656	5.5713	4.841087	4.329934	4.859489	3.740803	4.260496	3.963979	4.327746
4.210768	2.980136	4.082663	3.630587	3.33676	4.320834	4.295172	3.240376	3.49602
2.985842	1.172659	0.852684	1.0124	0.692689	1.232429	0.676095	1.306589	2.432974
7.546445	5.515813	7.445836	5.775372	4.003945	5.236355	3.394529	5.841003	6.635192
0.000681	0.078262	0.036298	0.088769	0.342025	0.000681	0.192591	0.007394	0.202275
7.705918	5.535474	7.964802	6.646574	5.374639	5.494329	4.400151	6.321574	7.774802
3.697191	3.679089	4.271731	4.177929	4.586942	4.070185	4.504823	4.617789	3.961479
6.124387	3.831173	5.270821	4.567952	3.039183	4.918843	4.513722	5.150375	4.418847
3.937429	2.289964	1.387209	2.879649	2.080145	2.189636	1.61055	4.379772	2.617623
6.003219	4.31655	4.056558	4.136798	4.640485	4.488318	4.454436	7.046789	5.678236
5.074635	0.876963	1.706559	1.749177	1.405487	2.541615	2.115987	6.845177	1.475448
0.007441	0.324205	0.354083	0.295991	1.14068	0.064271	0.804785	0.018793	1.251858
4.076249	3.6849	4.033594	4.122031	2.401777	3.666998	4.00057	4.650132	3.486213
0.266228	0.452794	0.212468	0.249364	0.167982	0.213494	0.319263	0.304814	0.093874
0.067244	0.122908	0.337795	0.162955	0.595672	0.233357	0.212878	0.149994	0.645854
7.924269	6.918686	6.200463	6.758346	6.614639	5.603616	5.56424	5.240335	5.470098
2.289983	3.686959	4.215177	4.66497	3.072186	5.029827	3.388192	3.176933	3.701824
3.412194	4.054276	2.246667	1.908311	3.131667	3.198012	2.318012	3.953263	2.349589
0.53648	1.322353	1.249161	2.131927	1.744439	0.714285	1.451301	1.411658	1.725788
5.569101	5.526452	6.649209	6.66441	5.577329	6.561655	5.819805	8.125189	6.20745
0.050884	0.15279	0.057097	0.03307	0.450066	0.019663	0.218463	0.120898	0.062211
1.712472	2.133026	1.621714	1.600374	0.776663	1.717643	1.260752	4.836743	1.35745

3.111773	2.741425	3.585295	2.499875	1.841637	3.459554	2.725447	3.24146	2.280898
5.683116	6.813404	5.109974	7.088274	4.997603	6.172084	6.090112	6.208176	3.991914
0.35992	0.405526	0.204259	0.64094	0.850131	0.219103	0.406974	2.252155	0.480399
0.087723	0.120712	0.215192	0.135083	0.168425	0.08407	0.174357	0.116927	0.117773
3.308179	4.606968	4.146921	4.140328	2.980613	4.502427	4.419151	4.382951	3.728667
4.977306	6.151423	5.535205	5.064638	8.276873	5.476728	6.484109	4.440628	6.864502
0.027039	0.08854	0.060938	0.179243	0.027274	0.066801	0.0301	0.133924	0.085036
8.942696	8.640163	9.027392	9.315332	8.189408	9.147459	9.166442	9.349702	8.628198
4.701342	4.063501	4.770956	4.764695	2.998216	4.486199	4.25395	5.178362	4.587904
2.714326	1.563389	4.313408	1.491803	1.240689	1.891846	0.65494	0.662945	3.126
9.825567	9.67268	6.639325	5.592043	5.740715	6.759451	6.161681	8.064955	10.21402
4.435941	4.005012	3.844836	3.661887	3.775745	3.269	3.076159	3.008494	3.907994
3.120951	2.771143	3.928777	3.332734	3.621188	3.765751	3.173656	3.612788	3.302297
2.869711	1.314629	1.048496	1.382978	0.58039	1.411221	0.808806	1.773031	0.863457
0.065396	0.134211	0.051207	0.14758	0.154861	0.081886	0.053097	0.093447	0.115592
0.674435	1.037839	0.551542	0.805245	2.012744	0.164691	0.9072	4.060786	0.70357
5.241351	4.096947	4.883609	5.235258	3.711898	5.841548	4.860086	5.205309	3.076776
4.608043	3.79858	2.210762	2.304495	2.455065	2.675604	2.525669	5.807019	4.168515
4.966915	2.149694	3.000112	2.086192	0.675295	1.503214	0.980606	5.232689	0.699875
4.186881	5.396257	5.365227	5.556484	5.631308	5.598368	5.476401	5.971568	6.03832
2.968091	0.604944	2.093182	0.30921	0.343715	3.039468	0.775863	0.315809	1.511461
5.462455	4.363151	5.603884	4.606536	4.854512	4.935797	5.193337	5.088004	5.476972
1.432414	2.360783	0.31999	2.76442	1.307766	1.151435	0.101447	1.970445	0.968696
2.430469	3.405259	2.552059	3.116533	3.584279	2.965842	2.423412	4.159444	2.826543
0.774888	1.091036	1.2718	1.167972	0.713489	0.884872	1.02644	1.238235	0.609397
0.670475	0.462759	0.386158	0.63693	0.109618	0.360981	0.229982	0.62377	0.459709
2.996734	4.980067	5.138781	4.516897	4.3884	4.059224	4.893461	3.947438	3.623571
5.50456	4.787119	4.799729	6.085616	3.694908	5.527307	6.449709	5.738221	4.876699
0.833058	0.240802	0.695805	1.180168	0.435519	0.756559	0.527075	0.754912	0.327741
8.436486	4.727228	7.587092	6.108465	4.494872	5.707093	3.909466	4.41034	5.568342
5.907253	7.270894	7.763113	7.09129	5.808875	6.643625	6.833044	6.391824	5.644441
0.034681	0.577874	0.232893	0.169086	0.932217	0.256836	0.537026	0.114939	0.60707
2.089432	2.82895	3.18985	3.091427	3.435091	3.214902	3.295227	2.773249	2.828758
1.56268	0.599456	2.60206	2.728331	0.679192	2.181009	3.232608	2.85138	1.246166
2.576101	2.629038	2.275914	2.396461	2.367628	2.443659	1.942411	3.762169	2.273314
3.768026	3.853544	3.72692	4.306521	3.517594	3.296865	3.87986	3.382185	3.696184
1.374573	2.987671	4.35255	1.955048	1.258558	1.903013	1.754021	1.154078	5.274926
3.51974	4.353956	2.481911	3.401511	2.018081	3.678172	3.102091	2.970718	2.341217
4.355458	3.126383	3.692257	3.58603	2.275876	3.559853	3.191021	3.386481	2.541844
8.953145	9.681838	9.399809	9.976011	8.712349	8.744293	8.695684	9.934238	8.952587
2.347984	6.635779	4.885787	4.955153	4.038974	3.986043	4.202426	4.336392	3.388279
4.111572	0.943471	3.388559	4.415589	1.427223	4.158094	2.740392	3.379935	1.229842
7.833076	7.370733	7.226776	8.429896	7.626803	7.189381	7.828175	5.882434	8.252346
3.709724	2.493561	3.725059	2.713322	2.676756	2.550234	2.427371	3.83872	4.749888
2.293812	2.460795	3.477313	3.169919	3.541182	4.489542	3.363168	2.219302	3.200082
0.690892	1.629769	0.777251	0.757897	2.942012	1.260252	1.398814	0.629832	2.062259
3.151158	2.54571	2.732422	2.491044	3.268438	3.217312	3.254011	2.292269	3.037193
2.891602	4.6791	3.611272	3.23184	4.272796	3.968752	4.16067	3.816874	3.319821
3.357443	2.168781	3.488691	2.753282	3.015951	4.311255	3.285281	3.161421	2.978468
3.925189	1.85557	0.421426	1.592653	2.270114	0.858857	1.917491	1.238805	1.898962
3.966998	1.713158	2.847556	3.590509	1.29458	3.041967	3.368964	2.998672	1.841743

1.158648	1.272836	1.793785	1.64426	1.33102	2.188227	1.540743	1.922094	1.779143
2.747832	3.482043	2.972096	3.272015	3.349594	2.825963	2.719923	2.791493	3.389483
5.560839	9.485625	10.14175	3.688343	4.25756	3.25717	3.576377	3.630489	11.18289
3.970498	4.100032	4.250192	4.352737	3.599743	3.475787	3.057778	4.307064	3.037612
0.732337	1.718332	1.079072	0.739072	0.750316	0.673663	1.264608	2.872996	0.737929
3.188074	5.375937	4.626351	4.328508	4.974994	4.10979	4.201401	5.356818	3.842439
6.091899	2.122637	2.81276	1.949177	1.524939	2.975411	2.770735	3.814809	2.065672
4.829113	4.377795	4.733269	4.63134	2.525379	5.323495	4.695272	5.782408	4.414456
3.456	4.10239	5.063835	4.523294	4.981018	4.613214	4.951645	4.767671	4.776872
4.80209	4.266657	5.165983	4.756185	5.273084	4.714795	5.789845	3.848269	4.699809
3.944683	5.005316	5.51	4.851917	4.031611	5.007874	5.196534	5.498745	4.398983
5.101426	6.138886	5.121168	4.861507	5.613595	4.93122	4.969418	6.91511	5.172769
3.392505	5.048416	6.23581	8.026455	6.212025	5.594043	5.969655	6.849822	7.390632
2.0238	4.325789	4.754232	4.217477	2.610125	5.985634	3.817512	9.311378	3.938646
5.367381	4.123824	3.706505	3.417276	3.115882	3.501785	3.011847	6.358422	2.977711
5.835936	6.070454	6.69506	6.790064	5.195859	7.418706	5.600913	6.050255	5.83328
2.435367	0.98434	3.224454	2.15906	1.903073	3.112977	2.317565	2.525355	2.809771
3.168343	2.906928	2.749957	2.594528	1.780573	2.213661	2.625908	3.56891	2.351393
2.052121	2.67587	2.485561	2.829101	1.790228	3.005292	2.7818	3.605139	2.573918
2.451851	4.098582	2.63106	2.802625	2.069792	2.628497	2.24838	6.462143	2.101901
0.382856	0.141084	0.27947	0.125771	1.854019	0.435003	1.233409	0.272189	0.957428
4.870941	4.278774	4.855788	4.738655	5.312738	5.066044	5.359391	5.541538	4.552158
3.989481	4.538293	4.054925	4.855388	3.301653	4.580549	4.068149	4.007412	3.85929
4.638234	3.495273	5.681253	5.71591	4.464239	5.563382	6.166068	4.167956	4.8748
0.177399	0.783088	0.203607	0.088717	0.673009	-0.0588	-0.14226	1.13308	0.457447
1.259043	0.887904	1.6455	1.639657	1.273769	1.142689	2.212126	1.209013	1.515179
2.313351	3.812835	3.778925	3.584262	4.213602	3.090742	3.242302	6.149712	3.917142
8.743278	3.586836	5.399206	4.274086	1.558467	4.583376	4.069213	5.786161	3.324045
1.779576	1.715273	1.869268	1.671383	2.096707	2.014783	1.540059	2.128867	1.688723
1.15199	1.92757	3.148131	3.634185	2.02906	3.786443	3.553749	3.448028	3.584799
6.653184	6.320943	5.988601	6.951571	4.951016	5.94643	6.248169	7.415285	5.418096
2.43039	1.861227	3.143858	2.265118	2.784767	2.634813	3.725113	1.931904	2.932867
0.578082	0.13502	0.591583	0.56693	0.258544	0.894691	0.333332	1.02155	0.85997
4.613748	5.382689	4.15289	4.31595	5.937652	3.895064	4.954479	6.02234	4.697697
4.146624	2.597776	3.780708	3.887806	2.054316	4.323505	3.70916	4.927788	2.269652
2.317485	4.592671	2.575514	1.607951	7.151353	2.164934	5.433872	0.421353	5.662975
2.911296	2.64316	1.902025	1.853103	0.934772	1.796665	1.444014	2.942275	1.149177
0.016725	0.236299	0.256445	0.203394	0.294566	0.460178	0.19626	0.092001	0.165316
4.957677	4.966377	5.529884	5.413314	4.614105	5.247186	5.13416	5.306616	4.160464
4.82834	5.310049	4.976998	5.096366	2.961242	4.086849	5.906378	6.781311	2.924144
8.155906	5.652519	5.078163	5.615818	5.640883	5.631815	6.314171	6.939589	6.19742
6.101091	6.34486	5.029222	5.111106	4.322761	5.72635	4.891954	5.89075	5.07354
4.266186	4.69997	3.318177	3.883873	4.271032	3.777716	2.940531	6.0381	4.007502
3.071367	1.730661	3.843976	3.180876	1.198699	3.818684	2.731869	3.753025	2.808306
3.315787	3.393084	3.556052	3.426465	3.681253	3.516303	3.572783	2.685219	3.518766
0.039831	1.092661	0.115263	0.882383	0.149402	0.059344	0.612023	0.049891	0.090672
0.081835	3.049473	1.093333	0.238135	5.807839	0.133728	3.782923	0.096308	2.381198
0.941446	1.381519	1.898048	1.263916	0.389117	0.270482	1.712867	2.843911	0.23413
10.93633	3.294415	1.937497	1.171919	2.055219	1.504793	1.514108	5.272489	1.386037
6.821236	7.790076	6.503978	6.289308	5.669307	6.631175	5.921661	8.813319	6.239848
2.924346	4.253244	3.530495	3.284298	3.556052	3.100966	3.233121	3.64531	2.81965

4.27411	4.671505	4.393959	4.081718	5.174436	3.946934	4.990999	4.90203	4.596163
4.213205	4.239127	3.807594	3.86744	3.853267	3.544078	3.139758	4.945276	4.697335
2.350214	2.177659	4.135525	4.374303	2.655961	3.466621	2.574864	3.27436	3.078861
4.468756	4.254352	3.203727	2.348786	3.2272	2.802678	2.278858	4.801007	3.229891
4.080617	4.749994	6.89247	4.691482	5.390858	4.796008	4.935358	4.115118	5.307138
3.98802	2.881885	3.181953	3.938415	4.485977	5.487147	4.991833	3.508663	4.865411
1.693946	1.992741	2.807823	2.746366	2.559792	2.549109	2.075619	2.827187	2.961367

TCGA-HT	TCGA-RY	TCGA-S9	TCGA-HT	TCGA-DB	TCGA-DB	TCGA-W\	TCGA-P5	TCGA-E1
0.90363	1.410754	0.778777	1.108992	0.426841	0.618512	0.38398	0.742988	1.067631
0.228587	1.633046	0.69098	0.780051	1.692065	1.252538	2.360921	1.605898	1.71507
5.118955	5.921941	5.488528	4.649682	4.764225	4.790264	5.587343	4.574774	5.398059
4.476903	3.307384	3.572992	6.120429	7.708796	2.006035	4.773969	7.11673	2.622453
1.298715	1.129596	0.589221	1.641443	0.657705	0.768348	0.771024	1.748326	0.646691
6.959826	7.238273	7.248767	7.330898	7.219	7.411974	7.00168	6.536665	8.143391
5.226995	5.388116	6.501634	7.663748	6.613446	5.599709	5.574807	5.11725	6.387835
0.808685	1.456922	0.713924	0.874651	0.536525	0.741542	0.629183	0.688768	0.470285
0.376826	0.12801	0.120468	0.482178	0.044051	0.163845	0.002249	0.099949	0.28457
6.858794	5.402066	5.522625	3.612325	4.734345	5.530726	5.394053	5.009671	5.363538
5.188139	4.289332	4.753617	5.417696	5.314088	4.5803	5.11263	5.193039	4.976674
4.032274	3.466474	2.701175	2.141241	2.010548	3.193631	2.46976	2.913334	2.623732
0.926376	3.095345	2.716316	1.979163	2.486931	2.195788	2.613925	2.360838	2.681182
3.291347	2.667788	3.722744	4.778579	1.893962	2.872433	3.887723	3.321942	4.820695
4.734226	5.12186	5.389689	5.684225	4.901306	5.367128	3.931821	3.878959	5.059646
3.6327	2.942336	3.547879	5.591124	1.472393	4.217397	2.476061	2.527394	2.737134
0.903622	0.987648	1.394501	1.361832	0.825473	1.037408	1.623538	1.483673	1.484048
7.190794	8.381516	8.297021	9.234661	8.676928	7.427012	8.377818	7.289558	8.326535
6.386963	5.319008	4.920467	5.281384	3.803998	5.428174	5.35669	5.017215	4.533743
4.823438	3.279223	2.897412	5.390198	2.734331	4.085795	3.031743	3.829714	3.83138
3.117488	2.459202	3.180245	3.998834	2.704935	3.356503	2.425253	2.847254	2.582727
3.132012	3.185108	3.868142	2.848574	2.201999	2.889031	2.258122	3.21124	2.650921
3.697119	3.198102	2.73998	3.819364	2.028657	3.188428	2.772246	2.08261	2.767824
1.468692	0.316669	0.415681	2.018187	0.361993	0.674452	0.787473	0.477833	0.511675
4.468259	3.743435	3.108477	4.871	1.355503	3.306848	2.93579	3.474436	2.461907
3.851567	3.372636	3.83721	3.561324	2.63088	3.096313	3.964279	3.302151	2.664302
0.487132	0.606792	0.576251	0.23829	0.844904	1.113232	1.198765	1.290531	1.612943
4.532478	3.827062	4.214418	6.028559	4.349276	4.622527	4.59543	5.161066	4.924505
2.784437	4.202264	2.160538	3.220027	1.270203	2.938397	1.896509	2.175968	2.170092
4.957224	4.132088	4.200937	4.317008	4.368645	4.644529	4.017718	4.605567	4.442965
0.488006	2.994579	2.606064	2.880147	3.760198	1.642792	3.640265	2.656211	3.183543
5.613238	5.44795	4.533389	3.725508	4.957074	4.709909	4.47383	3.945519	4.559452
3.951777	4.702397	5.316419	5.037925	5.588569	4.662665	4.516186	4.613718	4.729765
3.501266	2.190024	2.722549	3.447345	2.681351	2.316175	2.553381	2.706902	2.683571
2.130164	2.932424	2.501005	2.373642	1.939983	2.162468	1.63857	2.145503	2.596679
2.428791	2.336659	2.065757	2.605682	1.782538	2.707743	2.085289	2.493366	2.580247
5.212871	5.619934	5.186425	5.584814	5.558771	5.413628	4.880137	5.156117	5.321927
3.129965	3.947561	4.286757	4.767545	4.046755	3.762487	4.118659	3.862839	5.384121
4.541736	5.263037	4.61898	4.578373	4.672044	3.724067	6.636851	4.270066	4.891858
0.082992	0.063571	0.099575	0.145375	0.078925	0.065203	0.126184	0.116085	0.075973
0.85284	0.813805	0.840452	0.216964	1.577416	0.589382	0.289692	0.471242	2.055422
3.034278	2.770807	2.709999	2.876124	2.227619	2.512005	2.128741	2.315737	2.657408
0.697874	2.602153	2.721203	2.990474	2.685121	2.310159	4.253608	2.943395	4.930969
1.023081	1.465219	2.100869	1.031546	0.778491	1.570521	0.220966	0.238631	0.446978
0.361027	1.589129	0.952851	0.970488	1.255445	0.505922	0.588104	0.569783	0.602541
7.495755	10.04822	11.45705	11.86119	11.50574	9.813023	12.28709	10.79543	12.84067
5.214647	6.633529	6.186838	4.575695	5.123395	5.310955	5.581452	5.636622	4.820042
5.146833	4.385022	4.157147	2.434392	2.585415	4.042273	3.379639	2.867628	4.022491
2.132715	0.769762	0.631921	2.249371	0.440231	1.379338	1.256812	1.083457	0.918212

0.185863	0.758051	0.618916	0.615899	0.383716	0.815563	0.662097	0.549364	0.628885
0.920789	0.702076	0.537636	0.297602	0.442834	0.884129	0.891362	0.405578	0.609066
1.930549	2.214274	1.892926	1.785393	1.14133	2.753846	1.867203	2.183058	1.48383
3.755487	4.450765	4.840948	5.708548	3.445553	4.8016	4.077391	3.821528	3.76127
3.679982	4.093174	4.612775	4.806598	3.546077	5.564332	4.250134	4.049577	5.130888
0.046854	0.046849	0.173913	0.074789	0.236104	0.082867	0.400372	0.106021	0.342453
0.650309	0.617045	1.780472	1.939299	0.536927	0.666753	0.757552	0.652735	0.871861
2.984225	6.9238	7.540415	7.70594	6.804535	6.662855	7.692342	6.201929	7.58232
8.011036	9.100273	8.613109	9.293651	8.4499	8.662903	8.013268	7.555994	7.667394
5.325807	4.370415	3.754808	5.108968	2.213017	3.836576	4.211173	3.969319	3.350125
1.331358	1.344813	2.224607	1.791696	1.281288	1.268268	1.960383	1.248992	2.756646
5.385237	5.668048	5.791994	5.671404	7.013699	5.228509	5.745767	5.13222	5.940231
0.565118	3.371428	1.756669	1.006456	1.918396	1.304692	2.440008	2.009576	6.050676
4.324307	2.88721	2.779883	3.805067	2.623467	3.514817	2.569845	2.930318	3.227046
0.45993	1.373131	1.480606	0.534658	1.035294	1.218933	1.34769	0.683698	0.649808
4.695782	8.563081	9.106831	7.532994	9.512799	5.973397	8.022368	7.7091	9.474207
3.742263	2.58957	2.390296	3.773297	1.981128	3.678618	2.768759	3.374527	3.030202
4.382316	3.871484	3.72965	5.122437	3.086959	3.889356	3.44882	4.411127	3.258134
0.71955	0.470651	0.608421	0.850572	0.730039	0.994117	1.485765	1.147718	1.233767
5.497477	5.729072	4.978443	5.296832	4.328536	5.620107	5.218361	4.827037	4.950693
4.551081	4.161845	3.078733	3.187672	2.803236	3.459271	2.926425	2.694956	3.167943
1.062741	2.57608	2.538869	1.899123	2.627224	1.779408	3.498814	2.809817	3.771134
2.113352	2.665491	2.862222	2.469491	1.873886	2.695618	2.242551	2.965891	2.670986
4.177167	5.573008	3.920348	4.294963	3.580861	4.044418	3.397328	3.531497	4.098051
1.675065	6.214567	5.712117	5.337667	4.6275	5.304236	4.434305	4.198451	5.121739
2.381832	3.240058	1.540094	2.157492	2.550345	6.480096	4.391777	5.848252	6.209055
0.292886	2.453476	3.174778	2.428343	4.373943	2.570017	3.935291	2.61981	3.715319
2.549851	1.81457	2.767172	3.685392	3.355315	1.806816	2.592101	2.128232	2.450837
2.293039	2.433262	1.884405	3.532427	1.623691	2.60619	1.980226	2.237178	1.741311
3.454257	3.517897	3.221517	3.374387	2.977722	3.159853	2.679204	2.537672	2.417283
1.972462	2.034114	2.279069	2.715292	2.209471	2.051554	1.202778	1.041889	1.628902
4.271642	3.575515	3.826548	4.315621	3.739339	4.37618	4.938947	4.083877	4.480602
7.440844	8.067319	7.806001	7.431263	7.804071	7.809467	8.507982	6.766113	7.852887
0.744823	0.849493	0.587674	0.939632	0.453397	0.749363	0.621714	0.771315	0.672056
6.264027	5.206628	5.933115	5.801915	5.269521	5.641857	4.819359	4.937538	5.136292
0.419345	0.268188	0.370767	1.272856	0.738517	0.253822	1.536975	0.61855	1.124133
4.109276	3.153694	3.109841	4.322299	2.473227	3.875473	2.82276	3.249267	2.794841
2.058275	2.168249	4.074788	1.178018	2.964656	2.836917	3.034846	5.329215	4.916817
2.263438	1.780429	2.200498	3.303301	2.150895	1.881216	2.421799	3.301457	3.087878
2.346724	3.301816	3.603435	2.622099	3.493957	3.116181	3.401016	3.080306	3.44679
5.279255	4.427599	6.255785	5.557092	3.765377	5.425035	3.495909	2.780688	5.10836
0.083868	0.243829	0.447368	0.225492	0.212748	0.329509	0.325546	0.268212	1.176642
1.133463	3.566426	3.453635	2.419825	4.300443	2.880837	4.52503	3.666506	4.942897
0.094321	0.420791	1.171268	1.022966	1.364594	-0.0379	1.169577	0.039972	2.026558
1.924973	3.911643	4.193763	4.676586	5.536307	2.96986	5.00586	4.301117	5.996535
2.764133	1.406249	1.666553	1.445531	1.922039	2.343326	3.376563	2.836505	2.852776
3.738801	3.633368	3.194662	3.897393	3.177552	3.619975	3.08184	2.903899	2.962251
2.316896	3.367992	2.948438	2.396103	4.118881	2.305144	3.453233	1.932203	3.926352
6.051522	5.772891	5.21113	6.536736	7.133109	6.830766	6.163304	6.857718	6.23028
0.479767	3.143731	2.793156	2.138668	3.452602	1.741728	4.070951	2.926427	4.755062
4.742261	7.056884	8.379084	7.076058	8.593973	7.344643	6.045389	5.220056	6.614702

0.736014	1.764192	2.069696	3.171827	2.007761	2.945581	2.129031	2.615534	3.585772
1.708797	1.513415	1.402355	2.558376	1.832461	1.989657	2.383155	1.979724	2.711522
2.783132	3.238883	2.203897	3.922276	2.186444	3.401951	3.112852	4.311886	3.857653
-0.00332	0.010479	0.132212	0.493581	0.093303	0.105645	0.574509	0.463626	1.237027
7.551392	9.051215	8.110819	7.692821	7.099953	8.215026	8.341258	7.537332	8.408624
5.440973	4.440029	4.059088	6.201266	3.806313	4.460279	3.606124	4.241466	4.543708
2.981807	2.299289	2.303644	4.342302	3.242441	2.292374	2.047616	2.813484	2.753044
0.223561	0.815765	0.690069	1.010252	0.676884	0.899927	0.790355	0.977682	0.855491
4.773772	4.413244	3.97105	5.708458	2.63493	4.845207	2.334291	2.681204	3.101235
0.164103	1.766329	1.445846	2.815265	2.067876	1.063455	2.171623	1.429797	2.619322
3.178922	2.438151	2.258959	3.135264	2.151847	2.860801	2.206475	2.945583	2.947354
2.729861	2.534822	2.438375	3.726037	2.71717	2.926366	2.489554	3.593411	3.13231
0.083847	0.273456	0.013353	0.168957	0.241261	0.059192	0.056623	0.28034	0.038737
-0.02441	0.515216	0.040576	0.017366	0.049931	0.014598	0.201346	0.033373	0.738586
0.620855	4.021326	3.444849	4.546569	3.115774	4.051246	3.272551	3.651271	1.979629
4.350875	3.764585	5.25668	1.092738	3.981581	4.38309	3.914182	5.04775	3.455766
0.428661	2.771868	3.672696	2.296044	3.12804	2.928102	2.349166	2.436984	2.669646
3.951729	2.960695	2.410866	2.429452	2.399362	3.469068	2.294423	2.968466	2.379526
5.107971	4.160395	3.486745	3.451161	2.514963	5.004797	4.064869	4.185133	4.913728
6.268878	7.153802	7.697841	3.849825	6.827886	7.168529	6.46635	6.648424	6.524537
0.107957	0.213316	0.055187	0.043981	-0.02541	-0.05326	-0.0242	-0.02963	0.011093
0.638375	1.115466	1.434659	0.541035	0.628271	0.634895	0.735774	0.4175	0.866819
3.77699	2.826584	3.21052	2.808812	1.72056	3.552484	2.646303	2.985405	2.739675
5.562722	7.071448	4.668508	8.089665	6.402206	7.033628	7.152165	7.694821	7.808631
0.36044	0.07717	0.099343	0.189777	0.000387	0.052767	0.068355	0.056474	0.481293
0.087941	1.073494	0.371561	0.378678	0.56759	0.621422	0.529653	0.419416	0.453817
5.27363	3.735113	3.607227	5.383128	2.657885	4.606535	2.995486	4.005122	3.754188
5.154998	5.853619	5.812454	4.725689	6.548698	5.432073	6.02954	5.584407	6.358157
5.53678	5.645389	5.38376	5.960182	5.01425	5.296172	4.364442	4.896931	4.490708
3.937817	4.724411	4.52677	4.3611	4.575963	4.216045	4.026365	3.703457	4.094095
4.786286	3.764009	3.900234	5.715779	3.272814	3.651648	3.398481	3.954224	3.339704
0.93833	1.302559	1.061939	1.215773	1.042506	1.127051	1.022142	1.158802	0.995017
1.913801	5.149476	4.713401	5.086174	4.286969	5.086048	5.63087	3.868903	5.499453
0.000681	0.05725	0.008323	0.055047	0.010432	0.008602	0.000681	0.008952	0.008215
3.471131	5.823836	5.488675	5.785841	5.361302	5.990132	6.291223	4.718077	6.534874
4.68045	3.806361	3.473421	4.623535	3.969472	3.805298	2.774404	3.298053	4.360178
4.016878	3.833295	4.501193	4.385836	4.731605	3.88954	3.767496	3.69954	5.144031
3.477523	2.289744	2.413971	2.441256	1.619018	3.503899	3.235178	2.577491	2.550562
4.411713	4.592967	4.651332	5.689934	4.660964	4.61665	4.933594	4.727342	4.647957
3.007779	2.456275	1.518109	2.252762	2.739264	2.267218	3.179799	2.291955	0.937381
0.007441	0.930207	0.16819	0.235443	0.443123	0.073362	0.02463	0.049041	0.032821
4.370377	4.240331	4.137313	4.947025	1.964652	4.471042	3.323548	2.27665	4.038121
0.383948	0.400991	0.393024	0.480158	0.196905	0.472363	0.56462	0.273227	0.16569
0.116762	0.391407	0.414043	0.102373	0.126743	0.251154	0.116729	0.109173	0.122759
5.86264	6.350202	6.923349	5.340884	7.092877	5.292036	6.491515	6.278633	6.480895
1.494783	4.194952	4.22159	2.823268	3.34668	4.616424	3.537974	3.306839	3.337653
2.418681	1.938438	1.618514	3.311052	2.264162	2.401196	1.022779	1.601339	2.359677
0.638929	1.09397	1.683698	1.745924	1.750854	2.406529	1.311032	2.371746	2.531906
4.902549	6.103283	6.542428	7.453823	6.016485	6.573187	7.415978	6.069975	8.473304
0.026696	0.083084	0.023877	0.113273	0.056283	0.024301	0.027718	0.09813	0.133665
1.141397	1.519044	1.768028	2.543191	1.200299	1.290426	2.435625	1.810585	2.967026

2.933264	2.259059	2.787767	3.111387	2.906122	2.621297	2.009187	2.651023	2.439408
4.552869	5.460836	5.527479	6.118732	6.373967	4.756956	6.401876	6.2296	6.210759
0.11691	0.629956	0.43195	0.439645	0.246808	0.190799	0.214599	0.295491	0.196128
0.414615	0.141919	0.08753	1.523512	0.128335	0.398959	0.228408	0.242177	0.178909
5.425874	3.971518	4.099413	5.50148	3.098135	4.965226	3.876627	4.488429	4.568749
3.991328	6.192894	5.029184	4.880112	5.272331	5.147502	4.920171	4.177774	4.935279
0.040142	0.036182	0.03549	0.160327	0.032639	0.062405	0.13653	0.137542	0.228521
11.3122	9.247305	9.404405	10.49236	10.00334	9.14497	10.4939	9.991611	9.59105
4.942368	4.347159	4.726969	4.916927	5.223811	4.590615	4.529394	4.578772	4.804103
0.164115	3.355666	0.776773	0.607363	0.58747	2.429418	1.001853	1.296892	1.060001
5.481168	6.497339	8.339239	7.337694	8.440198	5.826394	7.630836	5.868334	8.763207
4.118728	3.605453	3.694107	2.909864	3.978846	3.916825	3.436627	3.387578	2.578023
2.528672	2.635216	2.502652	4.131001	3.181155	2.249067	2.676303	3.030564	3.007006
0.864432	0.928089	1.186324	1.525313	1.397328	0.97136	1.704153	1.399607	1.906195
0.042734	0.061869	0.094164	0.087921	0.062627	0.072934	0.245622	0.058171	0.100675
0.240705	0.642831	0.429698	1.346397	0.589191	0.608967	0.818814	0.503423	0.11492
4.121384	4.025493	3.520889	5.175075	4.41918	3.5271	6.049403	7.116327	5.061738
4.458843	2.500897	2.690988	4.457563	2.305906	2.941212	3.334743	3.645307	3.122193
0.456672	0.603007	2.223629	2.073454	3.005434	2.11692	2.391689	2.217514	5.234726
5.790498	5.709193	4.951341	5.022826	5.276686	4.190858	6.168079	3.665392	5.263284
0.102748	0.844263	0.959899	0.400474	0.448032	1.79019	2.301291	1.81402	0.381516
5.852989	5.642012	5.627289	4.946437	3.979332	5.650745	6.419082	4.778021	4.466377
2.119499	1.763916	1.935072	0.939919	2.174937	1.694538	3.333873	2.019841	1.925276
3.608086	3.27228	3.156377	3.152547	3.551987	3.335834	3.761667	3.350168	3.916441
1.570373	0.974323	0.714566	3.906647	0.826074	1.125124	2.055448	1.600306	1.254672
1.100909	0.358983	0.547046	0.235221	0.620191	0.46513	0.435944	0.557512	1.285236
4.948603	5.890229	5.169074	3.618179	4.623826	5.011908	4.958041	4.037777	3.686865
4.451075	4.983612	5.413092	6.359216	4.881099	6.48924	5.778385	6.480755	6.54736
0.133838	0.878184	0.601225	0.370075	1.049132	0.336494	0.952318	0.749886	1.382416
3.420514	5.827677	4.810675	4.829454	3.330844	6.251894	6.070759	3.578724	4.874741
5.071638	7.064797	7.631145	5.817122	6.617101	7.427123	6.096423	6.681258	5.438207
0.371304	0.37125	0.23026	0.185805	0.521766	0.274445	0.034681	0.068154	0.095124
2.057955	2.703423	3.041467	3.163917	2.684224	2.770027	2.666486	2.600689	2.780235
0.176993	2.252334	2.919569	1.778823	2.642708	1.707836	2.962188	1.998568	2.332939
1.659847	2.170885	2.299785	3.435456	2.104245	2.222635	2.83964	2.376923	3.188347
3.266966	4.256766	4.70547	1.80788	4.053386	3.574027	3.160755	2.674662	3.535163
0.122795	3.180851	3.818152	0.891251	1.891046	2.606566	1.362893	1.244856	0.813818
1.845957	3.232133	3.378494	1.806746	1.903181	2.807748	1.969322	2.21958	1.077017
3.577989	2.558551	2.30927	4.731965	2.793865	3.282598	3.015448	3.90981	3.067451
6.410929	8.994208	9.984459	9.719359	10.75056	9.408822	9.951371	8.621555	11.37698
3.507153	4.175191	4.094499	4.774352	4.167066	3.831612	3.235683	3.265629	3.102164
0.730569	3.706748	2.846158	2.599257	3.249096	2.64751	4.928415	3.910983	4.384277
5.886567	9.066296	8.399559	6.518551	8.245515	9.286429	7.612444	7.101075	7.987812
2.779358	4.281701	5.316912	2.495151	4.595175	5.953799	3.616031	3.63642	3.690332
3.669543	3.320523	2.547308	1.999069	2.824851	3.461462	2.573373	2.894308	2.472003
1.715119	1.407251	0.757004	1.883919	0.907874	1.154922	0.655369	0.885846	0.843766
3.13279	3.004838	2.851273	3.235091	1.833155	3.003948	1.655708	2.332574	1.922413
2.993744	3.564568	3.731341	2.761115	2.995659	3.36593	3.855385	3.983789	3.402926
4.232438	2.558381	2.548757	3.733791	2.008238	3.140637	2.105423	3.189315	2.657464
1.553799	1.943677	1.872176	0.821954	1.052057	2.675997	1.246503	1.742295	2.328407
3.536851	2.66397	2.817681	3.24551	2.486787	3.38364	3.649697	3.602981	3.104805

2.534082	1.639534	1.448081	1.945031	1.570247	1.787706	1.085345	1.372811	1.272136
1.883106	2.90678	1.69501	2.975834	2.903796	3.748019	2.761918	2.855695	3.440482
3.407456	3.814642	3.078662	3.049271	3.60755	3.088914	3.170509	4.990253	3.719176
4.586789	3.969294	4.334825	4.625415	4.404648	4.267477	3.978151	3.458473	4.248711
1.197722	0.825834	0.987371	3.831388	0.842594	1.115721	1.004673	1.594257	1.320494
5.851617	4.061378	4.007438	6.492431	4.360025	4.527676	3.697132	4.06777	4.445234
3.093636	1.861304	1.546565	3.811807	2.914465	2.185117	3.819084	3.470701	4.066065
4.12284	4.217016	4.510466	4.9134	4.218738	4.730347	3.883689	4.456324	4.733669
5.066983	4.471506	4.7382	4.174126	4.603987	5.021408	4.003604	4.492724	4.789971
4.581567	4.722734	4.155878	4.669428	3.320718	4.42833	3.085894	4.065982	3.555608
4.956851	5.404973	3.805284	5.069914	4.882058	4.75683	6.243459	5.198073	4.808465
5.856572	5.088285	5.468328	5.921915	5.666479	5.276045	5.121314	4.655917	4.760975
1.886415	6.93908	6.724983	3.757298	7.108288	8.77999	6.966168	7.741222	8.8087
4.605622	4.701677	2.585911	7.693304	4.110937	3.97124	2.947112	2.674788	2.406634
2.937838	3.218515	2.804007	3.842321	3.035064	3.048184	3.578821	3.559145	3.78014
5.771956	6.260341	6.13588	4.534798	6.354393	4.990352	6.114349	3.858329	5.506714
3.579547	1.82397	1.962269	2.067767	1.62279	2.437639	0.993638	2.062034	1.995681
3.046961	2.227481	2.819461	3.665393	2.82185	2.766975	2.526414	2.25668	2.982823
2.013485	2.119209	3.139044	2.937906	2.860182	2.224173	3.477892	2.205371	3.492254
2.192902	3.081177	2.95122	3.180513	3.22762	2.451447	4.390647	2.726947	4.477633
0.091809	1.491009	0.155876	0.375606	0.938236	0.19447	0.117317	0.224266	0.464018
6.191132	4.958258	4.724145	5.238055	4.338146	5.030669	4.860106	5.011941	4.212768
3.486364	3.976493	4.020693	4.691786	4.079081	4.825418	4.60373	4.720343	4.567832
6.014376	5.318319	5.410376	3.767172	4.067106	5.638067	5.025256	4.97988	4.899065
0.249136	0.097299	0.845363	-0.08334	-0.05859	0.186672	0.113819	-0.00142	0.347671
1.75328	2.10885	2.380309	0.671496	3.421197	1.959303	3.244408	1.115473	1.455979
4.402839	3.351556	3.4946	4.603978	3.75544	4.133763	3.101682	3.597761	3.85527
0.443662	3.218535	5.543242	4.93224	6.427274	3.814161	4.394019	3.223166	5.79396
3.14065	1.66248	1.9021	1.675396	1.577572	1.753094	1.842601	1.572586	1.876792
4.144815	3.361713	3.893207	3.594929	1.915294	4.553536	2.766761	3.93862	2.775398
7.015832	6.903303	6.545875	8.295236	5.14988	7.210333	6.741337	6.147001	5.859103
3.696128	2.538111	2.158395	3.570687	1.136362	2.265866	1.814493	2.540606	2.535088
0.877556	0.485814	0.688954	0.46191	0.308938	0.745973	0.57932	0.448724	0.768156
3.982288	4.526666	3.717946	4.867372	4.270031	3.616469	4.635469	4.675633	4.747416
3.611592	3.417194	3.108824	4.913034	1.765304	3.503776	3.406193	3.876469	3.869574
1.026839	5.126775	1.773577	3.213103	0.740382	0.958918	0.61873	0.879749	0.678616
1.236328	1.602424	1.807937	3.07907	1.522337	1.684625	2.147247	1.811742	3.035527
0.016725	0.070328	0.153678	0.093484	0.030631	0.061517	0.102118	0.074977	0.131652
4.908481	4.342947	4.623986	7.157463	5.082725	4.576402	5.400246	5.693572	5.45942
1.084617	4.461097	6.577968	5.912224	6.508475	4.029079	5.944954	5.293309	6.170943
6.31539	6.115096	5.756144	6.936405	5.272988	5.753271	5.224821	5.317209	5.246351
6.897552	6.389099	7.208152	5.24164	5.532816	6.401539	6.650067	5.753491	4.583285
2.466348	2.788047	3.085115	4.361199	4.674	3.789244	4.149802	3.543747	4.965863
2.310099	2.380091	2.876764	3.730341	2.688616	3.261283	2.561663	3.190589	3.015127
3.755245	3.757798	3.366849	3.334461	3.661933	3.221042	3.482555	3.44163	3.228228
0.014204	0.499279	0.516839	0.213548	0.188393	0.186085	0.692483	2.148517	0.267529
0.201154	2.380663	0.194	1.048514	0.373072	0.245475	0.146745	0.152053	0.11416
2.010877	1.103158	0.862959	5.149716	0.450784	1.081085	1.25403	1.785962	1.528778
1.112341	1.241329	1.405285	2.821614	2.066769	0.602479	1.102631	1.277934	2.373256
6.848695	6.712448	7.457604	6.729855	6.842069	6.59425	7.001522	5.795572	6.03882
3.533027	3.437022	3.290632	3.556895	3.920058	3.429051	3.850744	3.644054	3.58792

4.197219	4.741766	4.796586	4.262873	3.327837	4.724619	3.530629	3.121486	3.300036
3.481215	3.195257	3.358613	4.099466	3.979527	3.268724	3.239812	3.633916	3.622733
3.943781	2.938957	3.130655	4.545999	4.161454	2.998792	3.755754	3.9422	2.971647
4.570019	2.411794	2.410084	5.773975	2.09577	3.260495	2.93669	2.669011	2.41523
1.492241	5.153299	6.100118	4.408785	5.52604	5.223362	3.671595	3.267533	3.801306
4.306133	5.419382	4.770805	3.246202	5.154348	5.187334	3.829437	3.064152	3.311663
2.379334	2.455142	2.306843	2.831895	2.56997	2.534533	1.93456	2.377052	2.056258

TCGA-CS	TCGA-HT	TCGA-DU	TCGA-S9-	TCGA-S9-	TCGA-WI	TCGA-FG	TCGA-DU	TCGA-RY
0.283859	0.511453	0.522841	1.201347	0.696735	0.941316	0.981725	0.792859	1.016167
0.948099	0.660625	0.791246	0.867689	0.956219	1.343888	1.337923	2.650601	0.477433
4.571984	6.459735	5.786355	5.509804	5.499634	5.729576	5.145391	4.766504	5.413481
4.407697	4.492392	3.451721	2.775676	1.953909	4.359482	2.526347	3.764125	1.076707
1.521396	1.701664	1.620864	0.622401	1.043125	0.608045	0.665597	1.445978	0.571415
7.386167	6.469081	6.508657	7.229807	6.065271	6.491553	7.439382	7.880065	7.138475
5.71962	5.463605	5.603143	6.449159	5.660509	5.697556	5.450328	5.833015	5.993635
1.344517	1.700129	1.870986	0.982814	0.771966	0.500643	0.77791	0.442887	0.648811
0.217464	0.372417	0.108694	0.119063	0.299579	0.003641	0.324365	0.024821	-0.01206
6.304802	5.239483	5.705211	5.832902	5.380885	5.656795	5.644821	5.6088	6.977791
4.85194	5.74714	3.787293	5.760609	4.286567	5.274748	4.687163	4.678514	4.786676
3.929189	3.068035	4.419889	2.568324	2.878532	2.314994	3.313526	3.889896	2.255891
1.768444	1.84363	2.36186	2.795538	1.871688	2.401051	2.239278	2.742612	1.758155
3.402912	3.795763	2.887281	3.022685	3.045029	3.606741	2.517231	2.165021	2.338941
5.256644	4.512894	4.78394	5.263123	4.907759	4.861743	6.051768	5.853069	4.25053
2.969044	3.280124	2.270497	2.844692	3.413878	2.682942	3.606475	3.879149	3.588442
0.538368	0.681951	0.985449	0.597678	1.056984	0.916866	1.342703	1.94475	0.436003
7.141954	7.487467	8.068161	8.214075	8.80028	7.905777	7.58029	8.562732	7.507987
6.593409	5.160588	5.93945	5.00049	5.311436	5.105203	5.618265	5.935912	4.433485
4.257047	3.702138	3.938667	2.374626	2.889445	2.70633	3.960598	4.456122	3.933601
4.027495	2.989729	3.662481	3.500973	3.253835	2.756166	3.529954	3.023953	3.781803
3.120384	3.687145	3.215411	2.219418	3.554355	4.219108	3.53931	2.133358	2.906745
2.952833	2.47891	3.388722	2.325155	2.758988	2.835395	3.344889	2.813276	2.958478
0.524395	0.424842	0.341463	0.48373	0.499694	0.195168	0.621917	0.481927	0.376713
4.261375	3.749733	3.608839	3.163088	2.783378	2.70162	2.944687	2.336711	4.374867
2.173123	1.500241	2.497153	2.473335	3.565737	4.308903	3.509088	4.544133	4.324664
0.879994	0.728321	0.632242	1.362599	1.063666	0.804217	0.81694	1.13203	0.925141
4.297409	5.150956	4.562766	4.973573	4.96159	4.326874	4.501769	4.477117	4.648365
2.852554	4.365815	5.010016	2.007485	2.818675	1.853897	2.671701	2.407332	2.16051
5.174772	4.90828	4.742756	5.010004	4.299532	4.33372	4.485992	4.640856	4.616337
1.297161	1.448195	0.904034	1.655068	1.936019	2.156644	1.783446	3.572866	0.848491
4.553688	5.176705	5.76872	4.529032	4.545185	5.474714	4.55831	2.682632	6.244393
4.49268	4.869439	4.838875	4.721489	5.752821	6.027879	4.960874	5.476797	5.114227
2.981793	2.763518	3.229186	2.965669	2.190603	2.706087	2.668342	4.183977	3.003903
2.165337	3.398168	4.937694	2.183816	1.567336	1.50736	2.311212	3.812398	2.344384
2.634025	2.270345	2.442239	1.952056	2.394566	2.049028	2.861573	3.732054	1.677372
4.945875	5.93515	5.548389	5.554139	4.599852	5.076574	5.237382	4.607452	5.881752
3.510411	3.655754	3.769358	4.256922	3.765232	3.947814	3.389038	3.920358	4.458235
5.148705	4.687411	3.945868	5.078687	4.532151	3.854213	4.842499	5.480396	4.09284
0.140739	0.088615	0.10762	0.091587	0.222932	0.064842	0.141738	0.074734	0.080021
0.427861	0.660188	0.411431	0.444491	0.378056	0.207976	0.535608	0.392357	0.797898
2.412543	2.835812	2.738012	2.404973	2.377862	1.67596	2.485772	2.230871	3.077328
1.295047	1.214627	1.287937	1.701305	2.115827	2.193925	2.620478	4.415732	1.037838
0.978668	0.217873	1.232393	1.116616	2.74682	0.307674	2.552957	0.703435	1.930173
0.543524	1.6597	2.297415	0.227587	0.375679	0.622612	0.418299	1.598215	0.146489
9.365478	9.482915	8.588725	9.633301	9.348745	10.77034	9.147854	11.01103	8.048849
5.760251	6.423284	7.136476	7.070621	6.124552	5.785468	6.29545	4.694164	7.466282
4.620972	4.796651	5.551682	3.774892	4.212945	4.053605	3.700096	4.777041	5.688819
1.665363	1.746371	0.79188	1.084544	0.706202	0.838396	1.181217	0.530381	0.954518

0.495016	0.83423	0.945457	0.479978	0.817108	0.463569	0.55927	1.571936	0.185414
0.371573	0.501616	0.496213	0.668988	0.827612	0.660227	1.072833	0.675264	2.647512
2.616147	2.711698	2.723683	1.820283	2.024768	2.206272	2.773309	2.177463	2.315251
4.033259	5.263903	5.060748	3.915578	4.611616	4.779365	4.354167	3.157302	5.358215
3.770978	3.598875	3.830118	4.978044	4.608446	5.042713	4.504686	3.326412	4.994081
0.140623	0.05559	0.077537	0.117988	0.109605	0.075075	0.147892	1.01653	0.131152
0.5076	0.437962	0.573313	1.300864	0.724894	1.087056	0.506236	1.008717	0.576343
5.170902	7.55993	6.972132	6.833728	7.173015	9.146369	6.857933	6.907818	7.051401
8.419246	8.069477	8.927739	8.988181	8.247381	9.319613	8.359485	7.962838	10.80659
4.010831	6.042754	4.994417	3.441535	3.785361	3.736053	4.076891	4.008687	3.875336
1.369649	0.929255	1.127684	1.393489	1.683868	1.273262	1.796522	3.383673	0.670597
4.737759	5.414316	5.079772	5.500499	4.882948	5.02287	4.818996	2.201825	6.663926
0.651018	1.294597	1.010428	0.841182	1.266218	1.757589	1.247648	4.825401	0.589844
3.859721	3.795605	4.343872	3.636292	2.958044	1.95424	3.537089	3.576494	3.953106
0.74214	1.075957	1.085379	1.627189	0.566161	1.035207	0.621247	0.520242	0.961545
6.374166	9.700262	7.911563	8.406277	7.630867	10.61365	8.915752	7.967579	9.259854
3.026248	2.226269	3.471292	2.317816	3.093153	2.3016	3.542827	3.753653	2.448507
4.844266	3.701715	4.451421	3.343695	3.291015	3.660246	3.997395	4.462216	3.789495
0.753158	0.784936	0.401573	1.081839	0.86941	1.110311	1.080894	0.973901	0.627253
5.007708	5.460781	5.746684	5.787328	5.278249	5.038425	5.417796	6.033432	6.245284
3.579488	4.245772	4.710318	3.216666	3.340852	3.120395	3.297419	3.335847	3.349179
1.397954	1.436254	1.375588	1.607863	1.713163	2.332519	1.625957	4.13078	1.48659
2.807547	3.051558	3.716921	1.784166	2.688261	2.42194	2.717061	3.938868	2.633933
4.609829	5.996842	6.312607	4.390925	4.151464	3.213242	3.604639	3.431182	4.487477
3.762506	5.418325	5.709734	4.930702	5.277486	3.177264	4.747031	3.995638	6.314592
4.902642	4.567607	2.001407	5.21751	5.490231	1.523511	3.154964	2.563121	0.599934
1.648374	2.3553	2.296483	2.585066	2.867027	3.97453	2.262463	2.577486	1.692661
2.119035	2.05807	2.583766	2.085634	2.697841	2.41868	2.401256	5.163849	1.777072
3.644727	2.762379	3.30992	1.936523	2.611885	2.033707	2.872991	3.123661	2.526539
3.994159	3.863741	4.153231	3.326682	3.381	2.400797	3.229295	3.928005	3.023045
2.995698	1.918998	2.83962	2.390424	2.033648	1.605693	2.191801	1.309281	2.057023
3.097393	3.729427	2.809799	4.80636	4.201046	4.277717	4.22968	3.352529	4.313832
6.81825	7.657622	5.401092	7.350783	6.588679	8.845146	6.480797	6.436068	8.766016
0.931645	1.398153	1.641131	0.445878	0.850692	0.847929	0.880845	0.839365	0.5074
5.616517	5.170233	4.404831	5.888692	5.254197	5.712897	5.17087	4.461883	6.678586
0.536525	1.087152	0.772201	0.820596	0.556912	1.154935	0.324786	0.372517	0.084898
3.895166	3.2655	3.820604	3.02478	3.679056	2.545681	4.004626	4.130497	2.94157
3.23958	1.834761	1.407806	3.266892	3.718979	5.118262	2.373948	4.406063	3.762083
1.868375	2.175031	2.096187	1.852415	1.905925	1.92289	1.801329	3.689956	1.958251
3.685855	2.752003	2.668396	3.956303	3.221612	3.31165	2.962501	4.204244	3.472882
5.529781	3.0619	5.652026	7.35719	5.476587	1.913205	6.74953	4.449888	3.353492
0.097041	0.146101	0.083868	0.156676	0.198431	0.257044	0.164041	1.07927	0.117506
1.648637	1.891538	1.227545	2.301998	2.54467	3.67461	1.996442	4.503692	1.68449
0.890286	0.045449	0.068392	0.880993	0.845672	-0.03558	0.962033	1.996948	0.028125
2.576636	1.642333	1.948929	3.288246	3.166265	4.448626	3.120264	5.499469	1.61874
1.193276	2.332867	1.44963	2.085836	2.489085	2.844697	2.629733	2.30872	2.19358
3.451525	4.192098	3.58626	3.763957	3.357849	2.930324	3.652132	3.535272	3.687322
2.2274	2.487429	1.9374	3.333302	1.792709	3.010902	3.126136	3.685427	1.879097
6.644614	6.749131	5.735981	6.042406	5.779415	5.60051	6.174748	6.793673	5.253936
1.287679	1.572964	1.472757	1.617127	2.045306	2.470503	1.914239	5.043325	0.769007
6.355683	6.013525	7.185183	6.403614	7.327815	6.981556	7.115626	6.695906	6.370036

2.203608	1.242922	1.736793	2.368562	1.787872	1.56561	1.84133	3.97949	2.891271
1.454159	1.736238	1.815255	1.678628	1.697322	2.904862	2.197995	1.789806	1.6288
4.187398	3.514805	3.571262	3.240068	3.169632	2.226419	3.280378	4.477885	2.069817
0.088128	0.101524	0.124202	0.121152	0.360153	0.127274	-0.00496	0.00116	0.301576
8.063477	8.591875	7.940123	8.432018	8.084388	8.92826	8.134653	8.631038	9.185872
3.916943	4.038853	4.79459	4.045374	4.07404	3.71617	4.315665	4.371676	4.591979
2.272767	3.661693	2.265019	2.547257	1.922275	2.399342	2.895371	2.154804	3.175926
0.60616	0.744112	0.48032	0.278786	0.42846	0.835446	0.568454	1.541272	0.167109
5.417712	4.226945	4.099653	4.086938	2.59611	3.759282	5.081164	2.922505	3.504138
0.756649	2.675107	0.906092	1.290167	1.372534	1.125777	1.541256	2.27591	1.502436
2.504517	2.996436	3.259244	2.554435	2.512212	1.998451	2.675531	2.580442	2.782816
3.397916	3.182196	3.288411	3.00154	3.077628	2.758166	2.949802	3.42428	2.995027
0.159345	0.598276	0.542259	0.098315	0.159546	0.147988	0.034976	0.120986	-0.00308
0.091288	0.025238	-0.0194	0.308574	0.021298	0.056293	0.316076	1.233168	-0.01109
1.510262	3.606853	3.510028	3.166199	3.91715	4.241973	3.454962	2.368435	3.594076
3.313895	2.713131	3.682656	3.724988	4.344738	5.586951	4.492234	3.021391	4.694511
2.201505	1.506797	2.070935	1.779664	3.644838	3.066378	4.176761	4.956334	1.549144
3.758994	3.040502	3.558124	3.16308	2.695377	2.65839	3.441459	2.725093	2.522104
4.842423	3.806018	3.791883	3.309927	4.053999	2.511114	4.317076	5.505884	2.290697
5.641049	6.430574	6.40541	6.990854	7.858062	8.710041	7.064456	6.460333	9.234832
0.118354	-0.01635	0.386205	0.033054	-0.00403	-0.02378	-0.0055	-0.05326	-0.05326
0.869966	0.765973	0.222625	1.142727	1.296967	0.888642	1.219792	0.913733	0.821733
3.575311	2.236862	3.489203	2.876494	4.005455	2.60423	4.213628	3.953691	2.186807
6.766034	8.045831	7.05489	6.534169	5.795058	6.92279	5.081313	6.670744	5.912876
0.10056	0.131484	0.051127	0.254749	0.032152	0.111474	0.158616	0.187034	-0.01035
0.118615	0.263024	0.784736	0.182921	0.147013	0.18464	0.278033	0.451245	0.098236
5.213578	4.483526	4.606542	3.669819	4.05669	2.318279	4.307968	4.536033	3.101094
5.539587	6.63772	5.852852	5.953477	5.370328	6.0869	4.836289	4.983809	5.689026
5.422041	5.814915	5.617352	5.620985	5.576419	4.849116	5.535551	3.298734	5.703126
4.049945	4.243123	4.127971	3.729028	4.653208	4.64069	4.090496	3.727289	4.381834
4.517746	4.363369	4.75045	3.456244	4.111851	3.461244	3.569904	3.658494	3.59864
0.752962	0.865147	0.585815	1.625809	1.090736	1.385395	0.781947	0.956841	1.974109
2.499946	2.713563	1.896073	4.862128	3.408272	2.715891	5.286812	6.119696	1.902885
0.03429	0.102627	0.16251	0.008272	0.009315	0.011004	0.009056	0.006971	0.000681
3.733295	4.2646	3.91594	5.38112	5.343827	4.875238	5.513682	6.574679	5.622059
3.929893	3.545259	4.391622	3.986721	4.128407	3.239114	3.764002	3.971436	4.015039
4.43041	3.755833	4.48301	4.188373	4.678458	3.610042	4.03487	5.509642	4.091377
1.914085	2.11599	2.365763	2.624897	3.255003	3.25397	3.730375	2.247447	2.705659
4.601093	4.547929	4.216955	5.682859	4.290868	5.293403	4.45087	4.879807	5.003922
2.85829	2.088823	2.694293	1.952727	2.075682	3.122823	2.17045	1.746205	2.438204
0.202046	0.540173	1.343809	0.020275	0.050846	0.007441	0.035637	0.028652	0.007441
5.093077	4.189692	3.693896	4.261407	3.754603	4.019048	4.170715	4.861223	4.600385
0.16666	0.388913	0.241801	0.329046	0.161713	0.582671	0.368829	0.133077	0.483489
0.165345	0.292296	0.563952	0.048905	0.265481	0.063713	0.275145	0.400436	0.231259
5.13135	5.301844	4.648162	5.836701	6.456215	5.652887	4.829756	6.3248	7.44572
3.330006	3.565548	3.335523	4.419385	4.774078	3.863514	4.881697	3.018291	4.673959
2.014529	2.831186	2.705001	1.913136	2.260184	2.385359	2.518193	2.125157	2.020148
0.993545	0.857509	0.594246	1.421433	1.635789	2.12537	2.90152	1.408044	0.384007
4.659042	5.976822	6.221333	6.034581	6.005573	6.42406	6.880271	8.301668	5.572273
0.032727	0.180118	0.076898	0.0238	0.038396	0.012251	0.02499	0.068777	0.038497
1.052218	1.023361	0.894299	1.423441	1.245749	1.678338	1.042236	3.156743	0.984246

2.592251	2.224235	2.620951	2.234841	2.766704	2.034549	2.552424	3.899094	2.049038
4.363546	5.609835	4.690311	4.32639	5.49694	7.189704	4.877552	4.970295	5.068286
0.410166	0.313823	0.543674	0.128036	0.238289	0.105628	0.265883	0.202505	0.08823
0.366432	0.208012	0.213588	0.179816	0.077272	0.098661	0.165643	0.138751	0.217228
4.360488	5.227295	4.624276	4.010254	4.105982	3.911074	4.599871	4.981354	4.28886
5.018071	6.334836	6.949278	5.414066	4.917648	5.332995	4.732765	5.570673	5.061991
0.094189	0.037946	0.028386	0.198552	0.129075	0.134143	0.06845	0.139137	0.034444
10.86423	12.01483	8.104454	10.45206	7.951531	9.94318	9.027692	9.764926	9.63035
5.307683	4.012938	4.118308	5.118322	4.353484	4.767069	4.555462	4.809378	5.202934
0.310347	0.410063	0.664998	0.247626	0.454583	0.940278	0.405315	2.756826	0.288688
4.509592	5.52392	5.335525	7.978481	5.61107	7.401738	5.85594	7.801482	6.638628
3.948255	4.140108	3.964338	4.002484	3.417401	3.997432	3.557902	3.840278	4.237684
2.821345	3.678496	3.701122	2.408606	2.909492	2.982744	2.408621	3.583332	2.081352
0.637904	0.827944	0.790157	0.972202	1.200927	1.548753	1.089072	1.791536	0.529025
0.039941	0.039655	0.076568	0.05612	0.076474	0.134857	0.091712	2.944001	0.085204
0.557352	1.281221	0.561784	0.630135	0.708114	1.282177	0.57384	0.787425	0.682072
4.313718	4.455828	3.879465	3.902149	3.679577	6.399361	3.375386	5.561041	3.526833
3.116032	2.775729	2.853411	3.829911	3.187357	4.7486	3.356253	3.835658	2.347287
0.317318	2.102765	1.117613	2.551292	2.006637	1.489437	1.731748	1.599178	1.699215
5.806525	4.956633	5.377005	6.126756	5.178968	4.126336	6.057548	5.402634	5.563389
0.091747	0.672451	0.591099	0.306842	1.639719	0.744557	0.098254	1.192018	0.338251
6.099062	5.2345	5.258766	6.208504	6.372323	4.693397	5.532227	4.375311	4.491463
1.236475	1.172326	0.025754	2.497608	1.388311	1.836612	1.760665	0.632906	2.392698
2.845416	3.308348	2.596759	3.466318	2.873751	3.580416	3.355834	3.047087	4.326766
1.935805	1.603483	1.028273	1.729893	0.915785	0.942598	1.026583	1.179	1.682699
0.965088	0.149253	0.483078	0.054304	0.368172	0.463715	0.55323	1.458911	1.110984
5.179395	4.610288	4.523795	5.03581	5.093433	5.012028	5.04154	3.363314	6.685535
5.699166	4.828232	5.117665	5.626104	6.217607	5.128346	5.372935	6.03525	5.23682
0.519846	0.379326	0.419325	0.515946	0.565186	0.507191	0.794855	1.725892	0.425677
4.004683	3.631228	3.259045	5.045838	3.752298	2.147334	6.008894	5.767484	3.91781
5.592841	6.802216	6.611475	5.7918	7.043053	7.007055	7.595375	5.510407	6.97194
0.680654	0.41605	0.838415	0.173225	0.703771	0.143439	0.287157	0.060193	0.181221
2.409274	2.522245	3.543881	2.311127	3.069343	2.031212	2.931234	2.531421	2.167524
1.127161	1.206072	1.221203	1.411872	2.060465	1.081532	1.54851	2.78037	2.018038
1.548874	2.195054	1.994541	1.886817	2.237007	2.513114	2.027174	3.143318	1.474208
3.048217	2.597575	3.631717	3.494236	4.379849	4.271445	5.079347	3.664609	4.398961
0.891753	1.389863	0.600146	2.738856	2.565465	1.470907	3.508892	1.038897	0.52686
2.254574	2.854075	2.182155	1.157375	3.861798	2.504015	4.000741	1.898617	2.767647
3.143335	3.677849	3.198048	2.240945	2.681692	3.45886	3.065823	3.955755	2.217573
8.581879	8.404485	7.919767	10.46738	8.569979	10.47219	9.125753	9.644394	8.244104
3.584146	2.99921	4.134336	3.556658	3.713777	4.974241	4.076897	3.378557	4.220952
1.897979	1.819868	2.200951	1.873694	2.938144	3.133292	2.757219	4.973441	1.772333
7.643992	7.782216	8.028742	7.379607	8.344667	7.52787	8.211676	4.828237	5.773611
2.52258	3.243487	5.197808	5.837501	2.67071	3.52839	6.999086	4.262926	2.839568
3.889867	3.917355	3.774541	2.689525	3.176752	2.879771	3.475852	3.179595	3.865923
0.993953	3.057293	1.621073	1.234264	1.243035	0.670552	1.246383	0.371905	1.028298
2.819384	2.872122	4.00744	2.195456	2.905397	2.440475	3.182906	3.179019	2.601951
3.035895	4.269397	3.666574	3.964071	4.599877	4.998819	3.44634	2.984664	5.035953
3.418154	3.623334	3.658338	2.842411	2.849801	2.463523	3.282732	3.523323	2.695878
1.930447	1.347719	1.798314	2.628171	2.751676	1.275018	2.208378	1.564776	1.82159
2.936881	2.735642	2.849206	2.037892	2.728285	2.585163	2.891541	4.167766	1.896969

2.405985	1.802941	2.253397	1.447914	2.155073	1.161397	2.064139	1.934215	2.52208
3.244383	3.342325	3.359882	2.335144	3.008983	1.265796	3.43726	3.22519	3.328495
4.543917	8.011303	3.268653	3.5406	3.683077	3.521716	6.299355	3.844041	5.776598
4.205946	3.273408	2.775542	4.004185	3.71591	3.801801	3.812399	4.078976	5.74611
1.73287	1.401692	1.405273	1.449409	1.090851	1.008078	0.823035	1.461252	1.539996
3.879461	4.728496	4.182489	4.114842	3.722531	4.060846	4.150733	4.915042	4.559776
2.434885	1.843767	1.765063	2.35469	1.700171	1.847082	1.722399	5.749529	1.585928
4.620961	4.290932	4.63658	4.464307	4.823907	4.720236	4.628292	4.824011	3.630188
5.160221	4.624872	5.145654	4.770342	5.010745	4.043998	5.045256	4.447961	4.914264
4.703974	4.739444	5.90698	3.51708	4.895395	3.428935	4.895861	4.881075	4.685285
5.633671	5.111744	3.983984	5.659446	4.214178	4.661841	3.899719	4.55374	3.741091
5.501817	5.081894	4.515803	6.229145	5.424369	5.209551	4.999858	4.75926	6.35316
6.939509	6.383117	6.104375	7.692366	7.63677	5.448028	6.296445	5.756793	5.555246
6.445423	5.251502	4.626774	4.727178	4.150509	3.885224	4.20146	3.353933	4.817432
2.71947	3.39761	3.151214	3.055524	2.766029	3.729716	3.591986	4.823697	3.55142
6.474704	6.045913	5.577568	7.127723	5.822921	4.417264	7.630873	5.882184	7.119039
3.03333	2.235223	3.701534	2.159647	2.857535	1.500041	3.048155	4.504632	1.692815
2.32457	2.244637	2.515517	2.242291	2.636326	2.075485	2.786206	2.96574	2.31658
2.359338	1.772689	1.631543	2.414159	2.353514	1.913247	2.728309	3.245555	2.096432
1.916638	1.774973	1.433039	2.84326	2.36644	2.872279	2.42405	3.745351	1.864584
0.140068	0.13688	1.384606	0.080008	0.205989	0.157113	0.14583	0.552382	0.082518
6.033609	5.62534	5.299281	5.033055	4.851484	4.506821	5.188747	6.138482	5.842158
3.868653	5.12077	3.804731	4.187996	4.533258	5.236972	4.397523	3.725711	4.59767
6.127966	5.060105	6.117191	5.146621	5.812374	4.847011	5.94373	6.168654	5.774787
0.193762	0.128412	-0.08023	0.575914	0.842765	0.514522	0.335187	0.461873	0.005215
1.528038	1.377306	2.660539	2.070834	1.586363	5.309262	2.009617	2.92257	4.108286
3.460453	4.184452	3.057981	3.732666	3.026707	3.16114	3.619531	3.71446	4.067748
3.273099	1.652771	3.550588	3.168866	3.484518	4.501071	3.844105	5.673531	2.641836
1.381369	2.450518	1.607755	2.120973	1.74848	2.489316	1.828178	0.899264	1.919673
3.881821	2.779236	3.864653	3.463854	4.076942	2.487223	4.121726	4.19298	2.545605
6.106878	5.583696	6.02755	6.933284	6.583045	7.181858	7.218261	5.148066	7.587369
3.986495	2.877834	3.464495	2.202793	2.427179	1.53738	2.484684	4.022351	2.620066
0.786486	0.533933	0.173525	0.954481	0.834189	0.544629	0.85098	0.835104	0.350936
4.044491	4.875772	4.537179	4.246772	3.613589	4.443322	3.058856	5.24409	3.927356
3.766231	2.406267	4.134334	2.486172	3.541515	3.154008	3.693378	5.197791	2.95057
3.167341	5.317314	6.361919	0.576723	2.523128	0.668861	0.980918	1.17948	0.391954
1.182281	1.033455	1.145288	1.332877	2.033865	1.902172	2.186614	2.247802	0.874936
0.083125	0.323067	0.230848	0.101635	0.159349	0.278098	0.365235	0.034634	0.016725
5.127309	6.016162	4.690395	4.380587	3.958523	5.672381	4.251198	5.814122	5.000916
2.597774	3.6145	3.481442	3.94198	4.6078	3.12792	4.044821	5.084224	2.236153
5.559254	5.615411	5.987715	5.753358	5.482068	5.107155	6.048954	6.429359	6.58865
5.560897	4.828107	5.641966	5.906053	4.728136	5.366015	5.852441	5.546668	7.314776
2.584891	3.538052	2.576803	3.778184	3.214595	3.715292	3.403772	3.536611	3.256995
3.452434	3.48063	3.129318	2.991152	3.132922	2.332967	3.214359	3.948038	2.258753
3.532688	3.751667	3.329864	3.686929	3.274039	3.554283	3.090042	3.621252	4.100973
0.102535	0.195333	0.117555	0.197647	0.330711	2.261243	0.123151	0.088575	0.252787
1.635171	4.179526	1.818109	0.193268	0.358047	0.125996	0.334741	0.081835	0.11898
2.503834	1.974009	1.237773	2.003226	0.657603	0.555468	0.852108	0.843713	2.183392
0.846084	0.875536	1.717125	0.825578	1.287879	1.146173	1.51498	2.828237	2.102368
5.967373	5.824508	5.525893	6.964063	6.605742	6.192248	7.127552	6.207753	7.78171
2.928579	3.381159	2.752924	3.09641	3.252919	3.534504	3.051812	3.197567	3.746122

4.518627	4.603409	5.065535	4.034245	4.573917	3.034715	5.473789	3.505311	3.906169
4.109819	3.49145	3.255417	4.252111	3.266056	3.121434	3.257574	4.829071	3.069297
3.224051	3.074474	2.756608	3.159534	2.894564	3.300089	3.403651	3.092407	3.313177
4.005814	3.572024	3.006429	2.69231	2.556823	2.581904	2.766321	3.344701	2.503519
4.267025	4.929619	5.300992	3.161471	5.277004	5.637729	6.653202	2.963166	3.048989
5.651214	3.203763	5.622612	4.359574	5.068992	2.552513	5.541447	4.958109	5.19844
2.619252	2.691348	2.393594	2.371241	2.604087	1.635331	2.251956	3.405555	2.059853

TCGA-P5	TCGA-DB	TCGA-DB	TCGA-IK	TCGA-HT	TCGA-FG	TCGA-HT	TCGA-DB	TCGA-DU
0.78059	0.686891	0.781555	0.620345	1.093032	0.169765	1.572549	0.338255	0.687666
1.108028	1.146626	1.399815	1.134326	1.608568	2.174829	2.022427	1.352181	0.903597
6.37296	5.354568	6.102256	6.098242	6.342883	7.023992	5.352935	7.115144	5.774508
3.438684	3.674991	7.666271	1.984177	1.866601	7.502021	2.145115	6.189292	3.965522
1.161197	1.731932	1.570846	1.342357	0.768852	1.333009	0.789086	0.146987	1.1917
6.147127	6.726461	7.795461	6.719949	7.427603	6.50383	6.44543	5.488732	6.324046
5.79919	5.831866	5.95428	5.389059	6.495476	5.683314	5.841392	5.805156	6.412292
1.945083	1.486733	0.724573	1.295768	0.916365	3.351836	0.775173	0.987909	1.991629
-0.00501	0.062024	0.0842	0.125708	0.070891	0.072278	0.10536	0.043333	0.158887
6.093238	5.733882	5.576251	5.744505	6.106377	5.554557	5.329029	4.354724	5.533164
5.737035	3.515911	4.945924	3.986441	4.585399	3.543261	4.064857	4.440637	4.669951
3.139858	4.001352	2.879104	3.764775	3.639688	4.343267	3.446732	2.594559	3.314089
1.504454	1.813101	2.0211	1.291435	2.86554	1.785542	2.544233	2.395248	1.670887
4.249692	4.057079	2.370185	4.134467	2.796041	3.47638	2.771155	4.74912	3.880366
4.105393	6.45094	5.928298	5.249786	4.172772	3.216369	6.716623	4.580159	4.401971
3.373697	2.952689	2.333409	3.531546	3.472353	1.728473	3.079712	3.43331	3.030364
0.563222	0.839642	0.919806	1.11595	1.649379	0.706388	1.670002	2.406457	0.816751
6.56293	8.25318	9.076259	7.726717	7.773589	9.446503	8.142735	8.623845	8.224477
4.75727	5.746851	5.56091	6.05843	5.147069	2.832246	4.778173	2.885959	4.743257
3.607879	3.294151	2.79907	3.992807	3.503803	3.277524	3.891331	3.69899	3.220142
2.502757	3.198073	2.663102	3.120362	3.130126	1.760574	3.45712	3.452005	3.196283
3.405448	3.321274	3.241117	3.319412	3.196175	3.074194	3.933808	3.210648	3.206995
3.008802	3.071952	3.210764	3.011519	3.511598	3.377805	3.228391	2.21906	3.023954
0.452646	0.427592	0.80907	0.497468	0.388069	0.231239	0.58751	0.37115	0.325646
4.207089	3.42781	2.497485	3.32101	4.419063	4.393759	2.901629	3.685494	3.935062
2.057631	2.960697	3.951392	3.513041	4.111598	0.864102	5.32575	3.146636	2.910213
0.946728	0.64081	1.304964	0.701436	0.683858	0.342304	1.100615	0.620849	0.726949
5.332822	4.86006	4.482562	4.573134	4.094633	3.776713	4.650881	5.015268	4.531318
4.131614	3.57811	1.934174	3.629837	2.92944	6.1281	2.149282	3.090465	3.693693
4.066745	4.368862	4.717413	4.229577	4.687417	4.342705	4.46103	4.044527	4.546216
1.235745	2.325281	2.761979	1.113745	2.398553	1.678862	3.063846	2.455831	1.708794
6.274587	5.652662	4.373619	5.043245	4.978293	5.741178	4.382827	4.053459	5.193256
5.352357	4.949522	6.232183	4.866377	4.789005	4.023905	5.78147	5.645877	5.13077
2.530083	3.538052	3.326721	2.622487	2.390996	2.40977	2.702674	2.559232	2.833157
3.901231	4.24626	4.610369	3.510092	2.361475	5.644339	2.473021	2.391562	2.506739
1.726419	2.913972	2.583581	2.566981	2.78227	1.173755	2.594578	1.98226	1.879752
6.587952	5.430464	5.718198	4.937388	5.273996	7.045994	5.001555	5.279071	5.784082
4.148771	4.02197	3.445434	3.277616	3.393403	3.969731	3.641758	4.147619	3.870453
3.871096	4.528037	4.359743	3.985752	4.581137	5.621621	5.506687	5.153131	4.10465
0.129798	0.146132	0.090921	0.090961	0.098079	0.127579	0.176163	0.078768	0.152013
0.39975	0.471658	0.851431	0.330041	0.710983	0.609261	0.470093	0.806205	0.573013
3.405333	3.469753	2.802474	2.809469	2.275101	3.694234	1.947679	2.467347	2.76029
1.542728	1.788996	1.79049	1.468429	4.073502	1.703073	4.265017	3.465927	1.071718
0.529171	0.654494	0.846895	1.581509	2.305923	0.843182	1.678618	0.64848	0.717775
2.309354	2.435485	1.128351	1.269483	0.859895	2.962821	0.780253	1.420247	1.621044
10.51247	9.88226	9.650126	9.139767	10.58918	9.508466	9.895321	10.7781	10.22227
6.937466	6.292183	6.154219	6.574233	6.250319	8.038396	5.974622	4.959074	6.568849
5.420054	5.391815	4.186402	5.356552	4.721548	5.85927	4.576786	3.921273	4.898914
0.931031	0.787251	1.035008	1.064827	0.770454	0.325127	0.581763	0.480379	0.885448

1.038507	1.441485	0.295718	1.321345	0.64931	1.41829	1.662599	0.881753	0.771469
0.975428	0.409737	0.542914	0.52214	1.152675	0.353937	0.609052	0.360969	0.563943
2.382464	1.973172	2.705317	2.240162	2.512542	1.826818	2.337474	1.234848	2.063842
4.837918	4.299928	4.470474	4.841536	4.970978	4.721715	4.251451	5.339502	4.586551
3.778975	2.516671	4.385843	4.045164	4.596979	1.962345	4.406477	4.535372	3.855214
0.070475	0.106127	0.193749	0.125755	0.153446	0.058637	0.287648	0.07194	0.053406
0.58081	0.894619	0.761189	0.591038	0.715742	1.127868	0.977565	1.229214	1.385016
8.28149	7.610167	4.319345	5.385654	7.470578	7.206789	4.012118	9.242513	6.5414
8.569271	8.480727	9.28948	8.302928	9.09236	7.93375	8.320005	8.026828	8.576473
4.340677	4.388084	4.298367	4.002468	3.998071	5.827072	3.380262	4.207077	4.312819
1.001724	1.180407	2.716539	1.385955	2.178274	2.454092	2.539561	1.239447	1.44248
6.990853	5.423327	4.798175	4.906167	4.776537	6.392069	3.837499	6.140954	5.580143
2.66176	2.060705	1.251416	1.815911	2.354783	1.536767	3.465334	2.50582	0.995372
3.740654	3.948562	3.709422	3.725644	3.709453	4.272932	2.82305	2.872966	4.184193
1.398854	0.684099	0.748225	1.711181	0.749314	2.277687	2.625611	0.607162	1.451864
10.2375	7.243091	8.860063	8.844973	9.417857	9.453805	8.729508	10.8418	8.8837
2.595557	2.808022	1.947391	3.011799	3.1589	2.602445	3.405269	3.440221	2.62455
3.674094	3.992043	3.835244	3.695604	3.793014	3.162971	3.136109	3.315895	3.787371
1.128097	0.568322	1.044696	0.621606	0.552586	0.345724	0.586681	0.31119	0.540164
5.098923	4.437731	5.323569	5.631416	6.312185	5.19105	6.035467	5.388081	5.361349
4.471286	4.082715	3.348155	4.172015	4.222029	5.430256	3.372522	3.347046	4.150762
1.520378	1.85593	1.963261	1.733416	3.156261	1.441636	3.448399	2.672018	1.876431
2.556645	3.474541	2.804835	2.536701	2.876945	3.022204	3.147388	3.372012	2.875049
6.162833	5.613558	3.936042	5.202698	4.712847	7.509373	3.823361	4.931989	5.688892
6.645798	5.682283	3.175784	5.129845	5.39001	7.220953	3.783301	6.348374	5.531114
3.985897	2.696802	1.433809	2.471419	4.143111	3.177776	1.014851	4.98567	5.281082
3.189191	2.204901	2.297816	2.568116	3.051635	2.52561	2.857949	4.665667	2.781124
1.545619	4.660636	3.59106	2.584628	2.928355	1.370965	4.249508	2.592289	2.65325
2.535926	2.91044	2.824535	3.089831	2.91967	2.275427	3.099485	1.962052	2.709337
3.560908	4.203105	3.199539	3.681319	3.219287	4.461089	3.445658	2.719957	3.880637
2.10288	2.393422	2.031531	2.206644	2.592064	2.455757	1.797679	2.080677	2.268086
4.283233	2.869574	4.11187	3.403798	4.015846	2.893948	3.681258	4.074864	3.472717
8.589799	6.573049	7.6347	6.578251	7.569367	7.417651	5.705967	8.026079	7.816051
1.440275	1.694995	1.114273	1.064776	0.69301	2.293708	1.306649	0.849759	1.139588
5.543663	5.303672	5.614099	4.763612	5.642736	3.332545	5.034149	4.476816	5.760517
1.293882	1.026603	0.877944	0.447362	0.729807	0.646346	0.375173	1.048841	1.639225
2.124624	3.772192	3.180461	3.767817	3.946288	1.805701	3.706206	3.082115	3.301962
2.173358	1.294594	3.9361	3.231734	3.393669	0.862462	2.850104	4.197523	1.922716
1.99887	2.575734	1.961874	1.645694	1.944103	1.935953	2.210847	1.643546	2.102633
2.661263	2.895328	3.103054	2.566569	3.356004	2.113001	2.728542	2.796618	3.195109
2.516337	4.888328	5.332009	7.007511	3.044035	5.169564	3.862196	4.22762	5.061635
0.275729	0.571304	2.399909	0.248493	0.397182	3.877905	0.295488	0.427753	0.231236
2.910279	2.447038	3.072957	1.909313	4.210238	1.464087	3.966704	3.863978	2.407041
0.157051	0.271157	0.249319	0.01032	0.30245	0.618596	1.590424	1.325439	0.511004
3.138693	3.595312	4.529436	2.885731	4.142682	2.172634	4.437323	3.535922	3.459351
2.257135	1.312921	2.627273	1.84193	1.785967	1.276369	1.738846	1.86198	1.126707
4.961937	3.840548	3.687597	3.54539	3.650758	4.528645	3.791376	3.376526	4.248713
2.482238	2.759644	4.024367	2.04739	1.90547	3.737015	3.618348	2.614246	2.311208
5.962619	5.192351	6.253571	5.623465	6.942257	3.037841	6.586151	5.727567	5.569757
1.848205	1.92038	2.232496	2.094052	2.260437	1.556351	4.035643	2.805532	1.584332
5.760661	6.495101	7.311577	6.958601	7.158616	4.555824	7.033051	6.843647	7.112061

1.87449	3.468293	4.187484	1.949888	1.85952	5.003553	2.590532	1.913152	2.772673
2.523363	2.327295	2.665932	1.826085	1.906256	1.63088	2.407446	2.170135	1.616958
3.232	3.256945	3.843324	3.62946	3.013339	2.16137	3.503256	2.73485	3.469846
0.127626	0.228566	-0.01725	0.033765	0.294293	0.033895	0.079648	0.194787	0.110286
8.866066	7.812231	8.903133	8.607096	8.192858	9.555596	7.94848	8.645347	8.945255
4.433182	3.231279	4.716592	4.068936	4.388259	4.905192	4.519876	4.737675	4.913809
2.708121	2.683599	3.744448	2.358892	2.268806	3.631841	3.008528	3.815535	2.681616
0.67163	0.614404	0.885628	0.860751	0.982499	1.169438	0.889226	1.615341	0.619686
4.492952	5.179141	4.84645	4.467882	4.478348	3.687279	4.349372	2.504086	4.582023
1.055565	1.470924	1.814727	1.774071	1.152082	1.137966	1.652117	4.244045	1.505836
3.1043	3.089121	3.114416	2.577837	2.583956	3.442296	2.360282	2.275831	3.101879
2.364523	3.297012	2.867529	2.937761	3.146635	2.449725	3.875232	2.879026	3.027456
0.441836	0.510584	0.234604	0.440275	0.124427	0.785631	0.11135	0.064283	0.4404
-0.04277	0.114692	-0.00048	-0.0047	0.038849	0.019868	0.52065	0.322893	-0.04926
3.644187	3.182635	3.290516	3.515862	3.814189	1.814402	3.464729	4.171377	3.364923
3.054461	2.308189	1.707583	3.869882	4.242487	2.079791	4.544717	3.28398	3.08326
1.971828	2.053486	4.309337	3.144964	2.851966	2.171182	4.65257	2.879879	2.263767
2.938191	3.140351	3.061797	3.250428	3.647347	2.187977	3.072538	1.617781	2.896457
3.958835	3.404483	2.695616	4.025861	4.632072	2.228356	4.746462	3.579132	3.56659
7.712281	5.393999	7.797289	7.283497	8.004914	6.447234	7.892575	8.344749	6.662285
0.364545	0.285714	0.089907	0.145527	0.021522	0.262883	0.079316	0.138345	0.821268
0.634049	0.352735	0.572194	0.777691	0.602988	0.586253	0.870081	2.006256	0.525444
2.754946	2.976789	2.997031	3.589532	3.766801	1.442251	3.589394	2.588539	2.437529
7.977264	6.735262	6.345614	6.41046	6.128315	8.625604	6.547412	6.140592	7.173116
0.098961	0.040838	0.092274	0.083629	0.018727	0.371639	0.055513	0.095128	0.571743
0.931789	1.154263	0.652349	0.641686	0.31871	5.445474	1.064224	0.326972	0.451481
3.638932	4.884772	3.483711	4.269001	4.432628	3.421955	4.301628	3.785717	4.30019
7.187308	5.283674	5.445505	4.971826	4.900467	7.377635	5.045937	5.535294	6.343679
5.993518	5.235847	4.622858	5.455146	5.593192	5.91631	5.506912	5.413338	5.507474
4.36471	4.59771	4.555051	4.382654	4.412766	4.494322	4.658647	4.964963	4.619956
3.504906	4.598758	4.404042	4.44007	4.647909	3.646086	4.427731	3.305012	4.260487
1.59647	1.012917	1.933448	0.809799	1.662107	1.404287	1.04771	0.623087	1.316511
3.930863	5.941749	7.079474	3.888195	3.095552	6.658186	5.465378	4.84342	3.57786
0.102667	0.033676	0.038428	0.076239	0.026886	0.373956	0.004937	0.020051	0.101812
5.166509	6.2378	7.683208	4.550386	3.812902	6.889313	5.570525	5.997442	4.604995
3.933678	4.415111	3.919889	4.033899	4.50198	4.209622	4.473256	3.886505	4.002575
3.546966	5.598643	4.798304	4.206599	4.543551	3.283926	5.006374	4.771458	4.402184
2.584344	1.917683	2.584261	2.357862	2.895497	2.032948	2.688433	2.071929	2.197095
4.398495	4.483269	5.090101	4.636163	4.913833	5.264341	4.097801	4.597817	4.819274
2.042371	2.436861	2.794152	1.964692	2.878504	1.405233	2.413721	1.327935	2.021038
0.92345	0.654236	0.131534	0.592202	0.53927	0.865124	0.112422	0.238068	0.662547
4.050968	5.249479	4.665811	3.961589	4.641702	0.847282	1.77987	3.65753	4.447786
0.368337	0.348721	0.424301	0.147671	0.454386	0.164192	0.305693	0.320591	0.245885
0.2679	0.177572	0.061595	0.084781	0.292087	0.687296	0.906719	0.111779	0.122974
6.476315	5.646413	7.237122	5.043513	5.683111	6.604079	6.130406	8.724421	6.047611
3.498612	3.381601	4.125376	3.662305	4.157557	2.637206	4.879756	3.312477	3.611572
2.913681	2.379785	3.116654	2.465961	2.034687	3.476857	2.936982	2.177556	2.602191
1.204893	1.123592	2.224361	1.21963	0.778517	1.293	0.784089	1.207195	1.587054
7.123704	5.955279	5.992062	6.783074	6.930022	6.732308	7.358229	6.850703	6.255092
0.122981	0.037337	0.069071	0.038931	0.051858	0.269142	0.136774	0.084547	0.110355
1.140045	1.398406	1.314005	1.254928	2.094724	1.442235	2.3518	1.415943	1.241429

1.805917	3.271463	3.275981	2.413056	2.627184	1.561199	3.176561	2.691671	2.813107
5.901504	5.529961	4.856868	5.231226	6.063079	5.944796	6.208713	8.642956	5.56118
0.518235	0.246079	0.540784	0.344409	0.445608	0.425895	0.391837	0.142972	0.401312
0.186313	0.246651	0.224404	0.235754	0.225689	0.265084	0.143397	0.112083	0.245169
5.088121	4.384544	4.804037	4.351762	4.805362	1.484503	4.342936	3.066565	3.897987
6.567007	6.50316	6.422827	5.967214	5.464805	8.301789	5.810016	4.752298	6.443346
0.055502	0.050838	0.305776	0.028609	0.056429	0.025186	0.093457	0.040639	0.054039
10.21856	8.116232	9.8811	9.29392	9.267701	7.287302	9.108491	7.709567	9.721673
4.644978	5.26598	5.035924	3.974944	4.735316	2.603151	4.356789	4.185747	4.712251
2.839	1.704287	3.616262	1.957714	0.920474	2.397803	3.474117	0.668977	1.681648
6.309602	5.760482	7.499356	5.422989	6.410129	7.079009	5.581672	10.21472	6.97063
4.019033	2.945023	4.440439	3.720906	3.745866	3.447208	2.952776	3.192886	3.746384
3.226278	4.023629	3.207635	3.099461	2.56905	3.593718	3.820739	2.534435	3.127194
1.025119	1.620581	1.10844	0.902245	1.268631	0.894665	1.639757	1.293155	1.013337
0.152934	0.049873	0.138849	0.050944	0.085749	0.16414	0.033072	0.081757	0.057508
0.79297	0.558851	0.915936	0.664536	0.446752	1.943144	0.552774	0.685494	0.717839
4.77016	5.168492	4.437953	3.954144	4.35692	3.84217	5.668873	6.251759	3.898962
4.399926	3.230466	3.00611	3.272833	3.031384	3.122314	2.393303	2.701783	2.48137
1.770075	1.812941	2.989556	0.929418	2.281869	0.699293	2.017513	3.518332	1.406147
4.47739	5.018806	5.424712	4.994648	4.108808	5.752866	6.00984	5.520381	4.397142
1.724251	0.491968	0.590602	0.766591	0.911323	1.441713	3.079836	0.141637	1.372607
4.961266	5.761487	4.597282	6.001191	4.636366	5.057924	5.06757	4.424789	5.43636
1.991605	1.15384	1.533741	0.860239	0.984386	0.511798	0.583404	1.179278	1.158836
3.686201	2.38624	3.170424	2.836904	3.011991	3.373927	2.923899	3.892235	3.028153
1.170173	1.266357	1.53831	1.393325	1.217904	0.57974	1.334777	0.916318	1.291487
0.474583	0.190521	0.766738	0.263806	0.69972	0.150538	0.809633	0.200135	0.294598
4.791542	4.078302	5.204371	4.720131	5.398755	3.620147	4.304614	3.446431	5.143878
4.570901	5.239798	4.718246	5.448885	5.948045	3.611026	6.007119	6.900918	6.165703
0.419344	0.785491	0.570394	0.475477	1.291156	0.313926	1.49471	0.576055	0.456681
4.516509	5.469958	5.845681	4.354407	2.955054	6.598012	5.549635	5.904784	3.747565
7.075871	6.593943	6.36831	6.876188	6.541585	5.00532	6.614862	7.444642	6.221761
0.581019	0.258678	0.150904	0.251223	0.267265	0.641525	0.124827	0.124645	0.583941
2.882488	3.337309	2.993294	2.921441	3.210764	3.246551	3.494772	2.933521	3.238985
0.826914	1.288161	1.242988	1.32723	3.376755	0.819826	2.458725	2.082432	1.897275
2.466742	2.236623	1.932249	2.451118	2.189538	2.250306	3.227136	2.882402	2.133906
3.15777	4.541645	4.586387	4.052257	4.235916	3.605009	4.566601	3.128409	3.88612
2.263746	0.707768	3.248643	1.362464	2.754489	4.088334	1.325219	1.61946	1.826039
3.052939	2.241777	2.314188	3.308788	3.345339	2.952184	3.11273	4.470697	2.421028
3.111289	4.219881	3.743951	2.981778	3.145424	2.384234	3.924655	3.036958	2.764304
9.650751	8.136414	8.724444	8.497364	8.936474	8.919292	9.594811	9.052741	9.434082
5.32538	3.871801	4.221711	4.086728	4.310352	4.155739	5.0217	5.036543	3.782388
1.866603	3.361811	2.551094	2.651955	4.331637	1.819129	4.514157	3.213914	2.169972
7.419618	6.885546	8.048015	8.153865	8.046013	6.680803	6.391938	6.962929	7.974917
3.255953	4.081752	4.09286	4.603975	3.733534	3.174029	4.339268	2.993485	3.587293
3.45697	3.50364	3.898654	3.350233	3.364851	3.707298	3.264982	1.955276	3.325441
2.317816	1.64438	1.680336	1.348969	1.261362	2.087663	0.47398	0.745243	2.129168
2.912714	3.146869	3.40912	3.369826	3.031357	3.341982	3.186556	2.514672	2.701955
4.275264	4.384423	4.085005	3.723564	3.938811	4.081252	3.723646	5.05945	4.010732
3.110976	3.69533	3.4414	3.167781	3.265176	3.024843	3.514336	1.784396	3.05783
1.663769	1.157074	1.374705	2.000722	1.956078	2.766875	0.732238	2.723214	2.100623
2.221434	2.938693	2.875912	2.963423	3.816768	0.978965	3.007479	2.804868	2.850473

1.424997	1.648322	1.734141	1.742041	1.989104	1.133725	1.133498	1.469244	1.853602
3.319169	1.963747	3.242788	3.020044	3.610969	3.676457	2.456148	2.837949	3.099733
4.988015	3.315648	4.83865	3.852146	3.304155	4.139028	3.84514	3.603771	3.808487
4.455977	4.024273	3.889262	3.448965	4.055292	3.010285	3.450772	3.798516	3.93945
1.104778	1.683484	1.422228	1.290137	1.147987	0.513029	1.218812	0.785429	0.989145
4.828616	4.540088	5.044264	3.725495	4.46843	4.370764	4.396985	4.957152	4.410108
2.246539	4.219855	2.551518	1.904363	1.503201	2.5214	5.115613	2.101809	2.219898
4.126121	4.925919	4.650466	4.439949	5.140225	2.600781	5.397647	4.995065	4.429397
4.579202	4.493575	5.460522	4.443897	5.123951	4.875837	5.490864	4.443962	5.018375
5.403234	5.452517	5.041145	5.236958	4.833807	5.811006	4.900449	3.821499	4.802
5.135299	5.150434	4.649035	4.720639	3.909993	5.032305	4.941519	3.804919	4.586907
5.621511	5.12967	5.297627	4.694275	5.269906	4.357077	4.685081	5.707474	5.403192
5.984135	3.987176	5.132554	5.84528	6.394353	4.428586	4.828759	6.887171	7.047649
4.466639	3.552898	4.571139	4.613267	4.552318	1.272295	5.411528	4.801125	4.567522
3.045978	3.867322	4.084172	2.727786	3.119647	3.360476	3.334898	3.594573	2.523375
4.864391	5.710441	6.609162	5.334677	4.876497	4.756691	6.251446	5.391222	3.937966
1.833275	2.981774	2.534158	2.905829	2.427684	1.925745	3.610416	1.48557	2.20477
2.105551	2.944468	2.689476	2.337475	2.910827	1.872354	2.888134	2.291407	2.58145
2.037474	2.124223	2.529506	1.994787	2.447453	2.265218	2.471399	2.719343	2.48703
3.056509	1.869899	2.084298	2.080866	3.469961	2.654833	2.726609	5.467117	2.645473
1.137502	0.466421	0.191829	0.217423	0.356384	2.207224	0.571972	0.230143	0.587241
4.326608	5.995154	5.009548	5.406537	5.192104	4.988571	5.264288	4.445955	5.344509
4.784643	4.205344	4.271544	4.403352	4.276683	3.273545	5.201384	5.02186	4.443203
4.73683	5.80424	5.250729	5.949038	6.398621	4.145252	5.950622	4.192655	5.437409
1.101355	0.43453	0.417756	0.056313	0.219943	1.013193	0.037891	0.102212	0.572239
1.12659	1.186966	1.153535	2.385264	1.893126	2.337037	1.739481	1.242583	1.551244
4.431496	3.514403	3.579947	2.882715	3.674967	3.570059	3.071304	3.227646	3.452802
2.604245	6.290465	5.009754	2.985365	4.39389	1.841264	5.829969	5.31288	4.366747
2.339414	2.13582	2.249982	1.860953	1.606508	1.565039	1.906365	2.191254	1.746272
2.448115	2.783687	2.875109	3.585545	4.473526	1.506199	3.685054	3.153685	3.037913
6.437681	5.818196	4.991555	6.736547	7.218135	4.282695	6.598411	5.919705	6.192202
2.08459	3.391452	3.262771	3.271255	2.989122	2.7842	2.635988	2.068411	3.090935
0.508431	0.434668	0.548384	0.57095	0.948941	0.106873	1.422972	0.248469	0.55743
4.996708	5.236182	4.46239	4.045866	3.608142	5.965078	4.163649	4.202299	4.880536
2.796588	4.120443	2.524708	3.633079	4.184454	2.083091	4.502415	3.89873	2.942064
5.45309	5.140795	2.225862	4.311148	3.145045	7.827972	2.227347	3.145847	4.771719
1.833242	1.411764	1.684379	1.631326	1.835642	1.087606	2.113655	2.404886	1.462625
0.629975	0.168348	0.230059	0.122911	0.053957	0.673719	0.11164	0.263321	0.340821
5.118686	5.922514	5.02816	4.742379	4.709268	4.335232	5.421326	4.434174	4.814149
4.203292	3.323532	4.106194	3.80792	5.986893	4.190792	5.173983	6.70818	5.474957
5.807906	6.136958	6.194684	4.922387	6.793452	5.95965	5.150501	6.391757	5.793488
5.132668	5.653554	5.451099	4.826917	5.286379	5.426816	5.706201	4.012146	5.032084
4.467041	3.042803	3.903583	2.77328	3.311345	4.291681	3.34676	4.660413	3.161659
1.549275	3.453083	3.341774	2.961226	3.037377	1.028742	3.582241	2.147048	2.895344
3.803315	3.80101	3.757226	3.188042	3.419176	3.506262	3.136967	2.66215	3.505871
0.397321	0.814878	1.658154	0.55663	0.501732	0.08852	1.265365	1.943647	0.311075
4.138231	0.700054	0.85505	1.372921	1.07035	5.072149	0.21483	1.907777	3.090726
1.416014	1.911327	1.876971	2.036038	1.112832	0.28763	1.010201	0.443612	1.492594
1.47871	1.750273	1.876161	1.260338	1.070206	2.359625	2.01636	2.102951	0.999433
5.8817	6.439491	6.558104	6.011096	6.532338	5.570947	6.725749	7.031854	6.224509
3.822904	3.01587	3.794609	3.116363	3.401242	3.521266	3.008434	3.93393	3.478681

4.424806	4.646556	4.685762	5.01324	4.401589	5.374989	4.027618	4.921881	4.444456
3.696152	4.283261	4.256801	2.89717	2.994852	3.491852	2.692795	2.763033	3.61595
3.634323	4.506647	3.136836	2.951673	3.409847	2.41796	4.522203	2.835767	3.354103
3.601495	2.636899	2.735767	3.838316	2.674006	4.516322	3.222799	4.528136	3.329918
5.05662	5.326693	5.165386	5.735305	4.354887	4.207593	5.251784	3.369966	5.406798
2.459863	3.715673	5.074941	4.629591	5.426231	4.363565	2.677685	2.174173	4.827577
2.790731	2.686033	2.660316	2.069518	2.583841	1.87482	2.178618	1.602383	2.61146

TCGA-DH	TCGA-FG	TCGA-DU	TCGA-S9-	TCGA-HT	TCGA-QH	TCGA-DU	TCGA-TQ	TCGA-HT
0.612587	0.117898	0.313582	0.521564	0.926371	0.672309	1.46117	0.156707	0.562047
0.70519	1.067462	1.421228	1.981953	1.898488	1.291874	0.350107	2.031895	1.358692
5.282819	6.877211	4.858197	3.74123	6.454319	6.474611	4.313861	6.145606	5.752667
5.338933	4.942969	3.054082	3.263546	1.917614	8.392218	4.618132	4.274817	3.373938
1.412152	1.721737	2.239273	0.78786	1.406673	-0.00228	1.204159	0.08045	1.139105
7.342131	5.7567	6.136175	6.093471	8.537672	7.334351	6.625572	7.287568	5.756344
5.677989	5.58597	5.948131	7.172638	6.115704	6.308035	6.141271	6.768202	5.686022
0.687049	4.534916	0.71549	0.457929	1.767157	0.573302	0.810836	0.557841	1.146414
0.183797	0.371331	0.343811	0.249075	0.178311	0.170808	0.425215	0.059578	0.010425
6.064469	5.535589	5.706933	5.223579	4.650483	5.333244	6.101908	4.02833	5.593929
4.574795	3.829285	4.543259	4.291506	3.885308	4.970764	4.841742	4.077997	4.422556
3.384426	4.502415	2.455975	3.756387	3.614418	1.863499	3.371458	2.669911	3.396478
1.725484	2.010658	2.304593	2.122995	2.036166	3.42897	1.104458	3.379393	1.374663
3.217163	4.051067	4.359472	5.004359	3.209859	3.765126	2.721479	7.267091	5.074201
5.245641	3.418306	4.761608	6.251555	3.950049	5.199528	5.334157	5.861675	5.00185
3.529206	2.078044	4.067821	3.278253	5.682523	2.881723	3.547526	3.652038	2.830139
0.668661	1.087863	1.010896	2.378455	2.204339	0.862345	0.508323	1.060029	1.0721
7.490789	7.762802	8.480259	8.607942	7.318151	8.453671	9.113782	9.428843	7.947086
5.615286	2.973699	5.084254	4.072859	4.929979	2.829621	6.480082	2.465988	4.914108
3.054274	3.27945	4.819772	4.537338	2.97665	2.884356	4.062639	4.228109	4.049158
3.38704	1.617044	3.079627	3.904904	3.67693	2.971094	4.049935	1.939771	2.973575
3.205834	3.298127	2.343855	3.065531	3.252419	2.8732	3.332206	4.315095	2.839777
3.610023	3.475319	3.139988	3.474241	2.729599	2.673124	3.185636	2.36186	2.897795
0.513025	0.246365	2.003246	0.964583	0.803057	0.464905	1.042216	0.532206	0.858119
4.231155	4.531307	4.142063	3.221138	3.509341	3.419135	3.63262	3.414658	4.069767
4.033804	1.30823	3.475066	4.971102	6.649843	3.021103	3.017974	5.033508	2.315104
0.649161	0.545695	0.692216	2.069577	0.903637	0.748859	0.828268	0.863975	0.660407
4.391276	4.250087	3.706507	4.843376	6.408026	3.858236	5.513009	5.168987	4.723327
2.744364	5.800397	2.804686	1.967386	4.102049	1.885252	3.126279	2.434689	3.167896
5.09734	4.221601	4.890819	4.240975	4.322	3.954842	5.50099	3.459363	4.141711
1.398723	0.743225	3.422925	3.429374	2.212682	2.798773	0.761773	2.881617	2.296996
4.168427	6.332704	5.137152	4.01505	5.42731	5.360512	4.825223	3.876098	5.524909
4.653425	3.956218	3.896686	5.099482	5.268189	5.241555	4.225174	5.08807	5.049704
3.125996	2.622797	2.528477	2.263347	3.373978	2.171411	2.839642	3.178396	2.435899
1.758245	5.554246	3.544496	3.245474	4.750973	1.712624	2.423763	3.377281	3.85073
2.750541	0.911529	2.787045	3.204509	2.455394	1.976885	3.142846	1.590223	2.120046
5.410405	7.065655	4.867435	4.491677	5.767564	5.73318	6.317941	4.671885	5.909989
3.411029	4.012979	3.689177	5.277866	3.924321	4.152253	3.691579	4.712133	3.257881
3.703471	4.536005	4.394705	5.283109	4.682976	4.705034	4.211478	5.716897	5.143541
0.099827	0.092866	0.092516	0.1663	0.123214	0.082979	0.070614	0.350886	0.299912
0.390419	0.565903	3.004841	1.702406	0.625588	1.563678	0.713307	0.334898	0.322867
2.762713	4.301491	3.009154	3.035391	3.142432	2.698181	2.387215	2.301769	2.895572
1.167138	0.975789	2.967121	4.273074	2.667103	2.76561	1.082747	2.776072	1.823383
1.256735	0.551707	0.071277	1.619377	0.474975	1.204547	1.928012	2.515447	0.520863
0.441127	3.355731	1.308736	1.083076	3.135654	1.206267	0.39218	1.316313	1.752341
9.225137	9.178467	11.22482	11.82729	9.58419	11.73507	8.109203	13.24403	10.52433
6.146056	7.859759	5.963151	4.891262	6.499796	5.940892	6.461219	3.114066	6.778495
4.552913	5.921924	3.977796	4.507507	4.511923	3.333305	3.988008	2.707602	5.022974
0.910609	0.402351	1.314451	0.624593	1.450106	0.385841	1.662303	0.228583	0.809865

0.377488	1.5406	0.208963	1.809102	0.991173	0.474729	0.573894	1.563186	0.881238
1.053834	0.345202	0.290486	0.852099	1.465465	1.167201	0.827465	0.824387	0.951434
2.645141	1.94821	2.264923	1.776216	2.144844	1.365143	1.680519	1.039089	1.96933
5.197039	4.778478	5.136922	4.084762	4.487806	4.598693	4.310596	5.117991	4.911465
3.965323	2.101358	4.032442	4.509314	4.134135	4.343564	3.295325	4.349272	3.679961
0.122848	0.022438	0.294704	0.644417	0.202679	0.164069	0.022438	0.039225	0.115208
0.590239	0.765989	2.234453	0.957644	1.063219	0.459801	0.737871	2.722056	0.767438
6.949509	6.674242	7.196582	7.843941	8.401642	7.804214	4.887167	8.801008	8.144005
9.811478	7.317714	8.331613	8.188229	8.653536	9.446847	9.400883	8.566722	8.831112
3.574508	5.562432	4.349036	2.482391	4.969039	3.863961	3.485445	3.563119	4.222386
1.399193	0.704742	2.166547	2.99526	2.004521	1.239739	1.192835	1.648996	1.560995
5.017553	5.995098	6.379316	4.051719	5.309723	6.743201	5.831097	6.077483	5.510701
1.003276	1.302615	2.550936	3.843488	2.179649	1.785477	0.706106	0.891069	2.107498
3.85147	4.727723	4.532627	3.000641	4.154406	2.176074	4.594714	3.386097	3.034543
0.529757	1.744496	0.589306	0.748041	1.730543	1.134561	0.564324	0.97378	1.854545
6.812934	8.677164	8.650681	6.62952	9.218792	11.97709	8.052883	12.5867	9.274823
3.062474	2.550759	2.148324	2.61921	3.081904	2.61428	3.205738	3.049035	2.74187
4.295361	3.935283	4.400323	3.478947	3.406385	3.172824	4.476509	3.234785	3.606917
0.289538	0.78776	0.606985	0.635955	1.379324	0.808414	0.735838	0.597395	0.44671
6.141075	5.132462	5.198005	5.835155	5.396723	5.134887	5.727509	3.326996	5.304189
3.294013	5.925102	3.752862	3.311303	4.276148	2.974177	3.463369	3.302723	4.063994
1.588234	1.12989	2.390476	4.244371	2.448354	2.009749	1.040737	1.885812	2.40109
3.145761	3.237845	3.498537	3.897449	3.050907	2.150574	2.096483	2.954106	2.569898
4.164148	7.58466	4.713479	3.808334	5.936725	4.072361	4.306869	4.56257	5.692009
3.386972	7.386198	4.916219	4.459627	6.993645	5.146018	4.037251	6.010107	6.029826
1.212517	3.921574	4.101131	3.105567	4.150329	5.064301	2.733679	5.379159	3.087542
2.158136	2.475604	1.568406	3.911534	3.079485	3.604022	1.186825	4.554678	2.867697
2.38478	0.917203	3.021722	5.385643	2.376903	2.02658	2.262575	4.061813	2.634435
3.069391	2.612592	2.796439	3.056894	2.864884	1.374661	2.770902	2.257965	2.558346
4.010076	5.070899	3.909325	2.886915	4.221634	2.791222	3.512068	2.81028	3.459214
2.811517	3.044928	3.199636	2.290801	3.136449	1.577616	2.955809	3.626017	1.781296
3.125917	2.948263	2.921096	3.628863	5.010402	4.410549	3.451714	4.012627	3.37029
6.748163	7.40578	6.902311	6.922083	7.246956	7.881708	6.529876	9.007047	8.010714
0.707748	2.314897	1.192475	1.574819	1.771716	0.376223	0.59579	0.80878	1.263867
6.0855	3.659903	5.465706	4.813048	4.648269	5.487188	6.032433	5.321281	4.686406
0.357857	1.177906	0.181989	0.295296	1.135453	0.723637	0.735446	4.08524	0.761861
3.776787	1.902167	2.538793	3.184335	3.70341	2.454311	3.95995	3.147806	2.909183
1.814193	1.27518	6.164333	5.026028	3.890352	2.444827	2.52377	3.088409	1.242688
1.521291	2.297434	2.313952	4.207121	2.112135	1.783567	1.809988	2.024598	1.73456
3.113012	2.162211	3.218337	3.514623	3.090081	3.096102	2.677826	3.045976	2.180941
4.995981	3.148163	4.335743	4.332406	3.249788	5.279338	4.401358	6.716828	4.212109
0.147878	0.21373	0.584151	1.028585	0.126451	0.358769	0.083868	0.655788	1.166047
1.730103	1.357548	3.419525	3.959816	2.892164	4.243488	1.526226	2.414114	2.838967
-0.01362	0.140846	1.721409	1.198983	0.057163	1.732392	0.689482	3.170746	0.096566
2.694737	1.394111	4.653495	5.262149	3.634274	4.012631	2.165791	4.04702	3.204028
0.928095	1.508299	1.525306	1.59321	3.491927	1.410831	1.989099	0.957926	1.723976
3.27402	5.236572	3.497864	3.1232	4.395993	2.496697	3.932436	3.33077	4.524631
1.942935	2.749007	3.804809	2.985589	2.367239	3.035181	2.395407	4.482302	2.117792
6.77555	2.510032	6.372837	5.463707	5.830711	5.984323	7.985408	6.080096	4.572282
0.933166	1.492889	2.766825	4.783135	3.286561	2.66494	0.905102	2.659869	2.596019
7.58478	4.55047	6.957623	7.10831	6.505292	7.503566	7.245162	6.2164	6.039127

1.847899	1.84625	4.353394	4.200396	1.92551	2.652971	1.374815	2.963558	3.012775
1.603283	1.904056	2.489001	2.439511	1.131378	1.255249	1.635258	2.458738	2.287756
3.746003	1.782859	4.322777	3.878076	4.110652	3.361743	3.996781	2.702294	2.524592
0.113802	0.007877	1.219653	0.607787	0.066675	0.45442	-0.00177	0.37459	0.156133
8.394648	9.163847	7.381926	6.692106	9.027651	10.07528	7.769055	9.086477	8.713488
4.67782	4.7209	5.143581	4.742439	4.457775	4.622832	4.616058	5.517002	4.149695
2.424477	2.157814	3.321343	3.065078	2.45691	4.385769	2.391989	4.887987	2.56018
0.976789	0.609354	0.995412	0.65585	1.105753	0.548045	0.295719	0.748944	1.500072
5.639451	3.81532	5.611889	4.534901	3.154717	3.425763	5.359732	3.606606	4.619254
2.223747	0.62875	3.315348	3.5405	5.184407	2.066414	1.016425	4.06403	1.138019
2.629065	4.032987	3.192142	3.647856	3.535341	2.045646	3.115123	2.320156	2.60056
3.207833	2.299902	3.109504	4.039958	2.430132	1.821375	3.348964	2.968076	2.391135
0.11413	1.198681	0.416938	0.023749	0.343417	0.052048	0.111659	0.031844	0.379789
-0.03529	-0.04433	0.099201	0.250351	0.077284	-0.04261	0.01955	0.90213	-0.01853
3.265569	2.385087	1.226919	3.879616	5.944055	3.710236	1.304938	3.035051	4.130331
3.138849	1.597433	1.336312	2.535734	2.435957	5.224786	3.209983	3.728062	3.161455
2.656675	1.589492	1.577974	3.044647	2.2061	3.364711	1.637039	3.404796	2.035908
4.175389	1.963815	3.185609	2.583901	2.477579	2.37621	3.915723	2.104148	2.417879
4.140105	3.437071	4.936054	4.866188	5.896459	3.992963	4.996564	2.42476	3.058497
6.463637	6.040076	5.740012	5.451297	7.4497	7.989992	6.627446	7.628248	7.243744
0.022491	0.21224	0.107584	0.303598	0.644386	-0.05326	0.066534	2.424124	0.531931
0.608479	0.493104	0.939591	1.08203	0.975956	0.894168	1.056252	2.061597	1.132054
3.499267	1.731211	2.11617	3.531599	3.308473	1.764901	4.305884	1.750688	1.764219
5.509147	8.844768	7.488338	5.532728	7.148186	7.564933	6.133921	5.755276	7.632108
0.039359	0.080905	-0.00833	0.325328	0.933098	0.061736	0.264754	0.090864	0.058854
0.703071	1.108866	0.648353	0.383783	0.469773	0.550859	0.116346	0.421817	1.237746
4.730844	3.838261	3.9377	5.116604	2.94294	3.069232	4.847358	3.588617	3.822379
5.258152	7.448603	4.848551	5.964658	6.172152	6.576034	5.465003	5.441489	6.388603
5.614888	6.279242	5.745907	4.955299	6.21495	5.14265	5.919106	5.06323	5.135955
3.89395	4.820331	4.437322	4.55175	4.60516	5.154862	4.401706	5.539717	4.236585
4.706363	3.787217	4.900984	4.19156	4.312399	2.82356	3.828387	3.364755	3.899113
0.720789	0.638313	2.313944	1.456885	0.581527	0.762874	1.13724	1.416728	1.023006
5.051203	3.418143	6.248608	5.356342	2.923358	5.246921	2.531971	7.872994	4.896823
0.000681	0.630789	0.017722	0.105743	0.080441	0.000681	0.011237	0.026686	0.059116
4.389153	5.730164	7.026253	6.892781	5.149551	5.68585	4.416004	7.175269	4.920225
4.368558	4.477841	4.103403	5.122646	3.6749	2.77237	4.506603	3.302661	4.087857
4.447799	2.874987	5.80982	6.194058	4.613489	3.888511	4.599961	3.578435	4.110566
2.396083	2.162359	1.776121	1.87129	2.942394	2.357023	2.114542	2.169317	1.527682
4.603888	4.405892	3.983561	4.168064	4.215018	5.588726	4.738756	5.478059	3.936978
2.699628	1.606546	2.445477	1.412838	2.39951	1.693558	2.821249	1.161469	2.40105
0.052037	2.063838	0.045628	0.060919	1.911092	0.070739	0.153337	0.114643	0.474363
5.459188	1.004017	4.268591	3.797019	3.988547	3.119486	4.769896	2.515792	3.873012
0.510585	0.03892	0.177375	0.072539	0.820541	0.543878	0.239963	0.127526	0.263861
1.044184	0.457902	0.210354	0.463641	0.359023	0.171968	0.386968	0.073276	0.173685
5.512394	6.507426	5.822794	7.225765	5.233245	6.733337	5.769226	6.674057	6.047009
3.693144	2.716239	3.011468	2.63149	2.990467	4.345605	3.452295	4.727362	3.545215
2.266364	3.467065	1.901153	1.872849	3.486802	1.949514	3.502096	2.042966	2.443708
1.077923	1.463784	1.51185	0.603657	2.360522	1.601971	0.753319	0.695048	1.232913
5.444353	5.049131	6.42583	7.777017	7.060075	6.520066	4.725782	6.850585	6.845353
0.04244	0.113781	0.080172	0.15207	0.056395	0.012251	0.028294	0.070823	0.078233
1.202988	0.919671	2.171906	2.839825	2.131765	1.304383	0.954883	1.503924	1.933258

3.714938	1.933373	3.241836	3.702919	2.833683	1.949345	3.654871	1.932711	2.33758
5.365029	5.043958	5.368564	7.392689	5.563093	7.342342	4.803642	8.630096	5.922675
0.269704	0.535219	0.155	0.515792	0.551185	0.132948	0.160355	0.275541	0.275114
0.232967	0.525991	0.76409	0.100082	0.204716	0.103094	0.345645	0.07742	0.256565
5.768347	1.760868	6.032188	4.916166	5.421393	2.799402	4.823206	1.774938	4.083491
4.72101	8.17117	4.287791	5.326822	6.702448	4.779105	4.9678	4.7791	6.132684
0.030242	0.045041	0.037719	0.355146	0.247838	0.098426	0.305276	0.133252	0.056165
9.925747	6.692186	10.40079	8.582629	8.171184	9.862599	10.43273	8.483418	10.25594
4.993717	2.155361	5.571107	4.857844	4.591024	4.980089	6.093881	4.188716	3.970351
1.661944	0.840057	2.079075	1.256675	1.249625	1.633052	0.576792	1.495182	1.660352
4.773742	4.96493	6.816806	8.095737	5.666852	8.094017	6.118322	11.01474	5.949422
4.3597	3.710536	3.607462	3.276765	3.095979	2.20049	3.46578	2.414777	3.590574
2.723076	4.098048	3.536996	3.678919	4.374542	1.752924	2.587682	3.36254	3.333395
0.835982	0.721402	0.995225	2.095985	1.938209	1.149729	0.803534	1.397666	1.216476
0.06664	0.126604	0.044633	0.148241	0.15513	0.042731	0.07555	0.117121	0.062819
0.127905	2.126787	0.29442	0.202935	0.827196	0.408318	0.325568	0.65583	0.901995
3.469055	3.689008	5.743803	5.976886	4.446328	4.327767	2.988303	5.372733	4.714485
2.670728	2.816375	4.980801	2.738431	3.447609	2.770137	3.438211	4.713963	3.140222
0.843329	0.581522	1.422116	5.790572	4.371582	1.909486	0.511063	1.720737	1.415357
3.786853	5.299022	4.668516	5.039962	6.008594	5.625655	6.222859	6.846033	5.402707
2.448424	0.421459	1.524413	1.628665	0.609028	1.179619	0.701948	0.286485	0.44638
5.504094	4.331593	4.749225	4.463257	5.235186	4.186998	5.058726	5.472215	6.297666
0.467064	1.137277	0.627346	0.603203	0.417329	2.173517	2.631295	0.779525	1.098518
2.253613	3.453376	3.294983	3.040909	3.275576	3.861765	2.87004	3.073157	2.743236
0.848835	0.684442	1.789854	0.974489	1.419915	0.5343	2.228388	0.676037	1.215249
0.366115	0.096798	0.614861	0.937034	0.975593	0.317354	0.474146	0.344092	0.808688
5.09613	3.631938	3.495418	2.826226	3.635012	5.081007	5.160178	3.430315	4.736236
4.726664	4.070249	4.728783	6.967831	5.753299	6.367401	4.931166	6.331597	4.53667
0.326487	0.569309	0.605004	1.750898	0.773825	0.355622	0.281523	0.41341	0.388033
5.0906	3.866104	5.166669	4.958467	2.617938	5.372752	4.093854	7.660421	5.406866
6.899756	5.020353	5.789548	5.735994	8.609876	7.34803	5.078163	5.65755	6.390172
1.142759	0.915577	0.189606	0.049164	0.437733	0.135008	1.54685	0.095704	0.565492
2.816713	3.461181	2.818981	3.461972	3.055325	2.311282	2.804653	3.172627	2.904396
1.679529	0.539242	1.935674	2.500782	1.444196	2.089861	1.243519	2.096985	1.528111
1.723071	2.182816	2.178982	3.385823	2.340669	2.435826	1.444546	3.935178	2.272119
3.534327	3.433725	1.872163	4.089317	3.130238	3.63606	3.587547	4.700706	3.617391
1.234486	1.157464	0.591245	2.24939	3.001475	2.74219	0.293574	1.833316	2.480747
2.288629	2.30296	0.952626	3.026062	3.427796	3.131644	1.697902	4.753771	2.072527
3.169583	2.681984	5.033851	3.938309	3.628892	2.279472	2.947213	3.263498	3.822736
7.023797	8.261617	9.631391	10.20512	8.045814	10.81192	9.812749	12.16143	9.816102
4.520502	3.924039	2.180918	3.466671	6.048971	4.87026	4.124209	5.755234	4.868836
1.87664	1.498104	3.680484	4.831353	4.037543	2.954571	1.30332	2.720174	2.886808
9.363264	6.875618	6.309326	5.737196	7.181288	8.605696	8.287554	7.853606	6.686404
3.926066	3.446429	3.215007	2.791456	5.966549	4.485712	3.653861	3.354763	3.225345
3.597965	3.779959	3.637798	2.424414	3.286528	2.578792	4.112007	2.053505	3.136731
0.667817	3.423201	3.547617	0.429673	1.397388	0.4045	1.455056	0.305992	1.103945
2.646921	3.896808	2.872471	2.605736	3.617021	1.988895	2.447695	1.99197	2.973357
3.6368	3.982491	2.846712	2.943726	3.953827	3.602931	2.562637	4.40652	3.817069
3.467604	3.719267	3.640128	3.458353	3.165458	1.558441	3.72579	2.074283	3.072735
1.29869	2.691772	2.175723	2.438703	2.469521	1.243255	1.961825	1.870541	1.306714
3.769053	0.686781	3.256556	4.602166	3.083487	2.592933	2.9214	1.645508	2.666741

2.043008	1.539883	1.437521	1.80469	2.043366	0.970025	3.069983	1.764845	1.280561
3.175009	3.877044	2.737052	3.013652	3.766504	2.302862	2.571834	3.345955	2.775851
4.372545	4.886072	9.215877	4.504151	4.288493	3.006377	3.030261	4.378266	4.630163
3.961858	3.191335	3.343882	4.150827	3.108093	5.241956	4.536365	4.140725	3.752099
1.183883	0.729221	2.932842	0.877853	1.417113	0.430685	2.394784	0.774494	1.141714
4.317182	4.860038	6.320378	4.00236	5.29731	4.577652	4.883304	4.683886	4.142332
1.713977	1.580652	4.367229	6.352968	1.82752	2.0632	2.3961	4.850632	3.56252
4.834193	2.144038	3.998554	5.387234	4.76687	4.392552	4.896683	4.405714	3.90298
5.096016	4.973005	4.636546	4.519085	4.720732	4.811881	6.066446	4.289459	4.20332
4.88544	6.900307	4.497132	4.952241	5.856927	3.501959	4.36256	4.299749	5.846538
4.332681	4.143471	3.731368	4.095758	4.438293	4.457458	5.036715	5.819771	5.372835
5.27726	4.852036	4.705309	5.395073	4.52455	4.75698	5.628476	6.558156	4.792155
6.954451	5.579247	6.449825	6.094822	5.974801	9.033193	5.654829	8.05803	5.316026
4.554209	1.615809	2.584682	2.847358	5.759323	2.388741	6.791944	4.367948	3.578807
2.61237	3.187355	3.069716	3.149454	3.64096	2.978969	2.06789	4.587018	3.100531
4.1564	4.823442	5.364433	5.144952	5.771037	7.450689	7.026645	7.185311	6.124472
2.780375	2.117543	2.375693	2.438118	2.142951	0.958854	3.706213	1.190022	1.766625
2.831283	1.422551	2.940247	3.714957	2.893517	2.476829	2.992464	3.007336	2.453702
1.557761	1.476982	3.570623	2.780211	4.107365	3.090924	1.768842	4.149477	2.077276
1.756611	1.947643	2.257312	3.797641	4.356429	4.076719	1.698958	4.093121	2.542154
0.133981	2.473049	0.477554	0.350799	0.727234	0.340654	0.143358	0.171679	0.871955
5.800264	5.174262	5.413085	4.002693	4.86561	3.626707	5.72474	4.33477	5.169103
4.204276	3.251283	2.69148	3.876247	3.360268	4.789573	4.006987	5.260613	4.683795
6.477226	4.526747	5.696292	6.083981	4.569038	4.76682	5.790229	4.089342	5.154814
-0.14226	1.377316	0.188395	0.038483	0.043963	-0.06075	1.065287	1.377906	0.448374
0.603493	1.578191	1.172069	1.314564	1.503664	4.193045	1.858475	6.312864	1.598683
3.739642	3.80388	4.037515	2.356092	3.430164	3.438066	4.008919	4.47104	2.880258
4.2026	0.771492	3.626164	7.153349	4.478524	5.718329	3.85105	4.456871	3.105325
1.745438	1.744341	2.033667	2.46122	2.429464	2.070954	2.518322	1.834386	2.017884
4.445134	1.994478	3.228079	3.080123	3.602303	3.134561	4.538293	3.598225	2.107538
6.933144	4.135666	6.099043	5.933236	6.026849	6.873707	5.984735	5.373212	6.688796
3.597423	3.502606	3.772118	3.520221	2.866576	1.576799	3.974087	1.745931	2.378727
0.511838	0.26817	0.346527	0.676637	0.448231	0.127234	0.63235	0.32901	0.186659
4.109167	5.698163	5.801364	5.01218	4.716413	4.0547	4.434442	5.18721	4.595108
3.545756	2.406102	4.535469	5.4364	3.416254	2.621349	3.690647	3.207866	3.232002
1.212794	7.458165	2.239012	1.01248	5.349451	0.524015	1.911258	1.439061	5.302825
1.491383	1.026297	1.565714	3.924753	3.508445	2.438541	1.63659	1.931438	2.035687
0.045081	0.36363	0.142587	0.246177	0.519066	0.122398	0.046704	0.325338	0.41347
5.595598	4.27067	6.694471	5.574031	5.442056	3.994121	4.79226	5.977435	5.479865
3.58024	2.990929	5.150598	6.402854	5.320216	5.529042	2.883793	6.184708	4.265478
6.345859	5.067348	6.937182	7.266252	5.76488	5.671035	6.053144	5.207561	5.723161
6.952187	4.480444	5.831605	4.161126	5.700058	5.104069	5.213694	5.977375	4.886388
2.126529	4.260814	4.156899	3.868164	4.421224	3.604688	2.736485	5.276829	3.637073
3.768684	0.993392	2.912595	2.900687	3.648333	2.216826	3.806368	1.963108	2.428549
3.826283	3.482657	3.872711	3.373195	3.432542	3.354559	3.860966	3.237559	3.335522
0.239915	0.271072	0.036978	0.178042	0.100644	0.317236	0.117401	1.949994	0.463417
0.644177	5.143614	5.410512	0.10479	1.54546	0.142487	0.460801	0.472546	2.255683
0.683821	0.247389	3.543241	0.529295	2.008235	0.473589	3.236626	0.231124	1.583574
0.645106	2.13658	2.746021	5.156199	1.930202	1.7691	1.36495	2.644623	4.388994
6.269538	5.231726	6.303253	6.365361	6.516303	7.489865	7.080803	7.423643	6.063583
3.081619	3.465979	3.456019	3.56143	3.679912	3.884986	3.189657	3.402693	3.368788

5.18694	5.33557	3.265723	3.453975	4.28063	4.255874	4.467767	5.143073	4.542744
3.809369	3.601791	5.107712	3.923902	3.504983	2.645948	4.270746	3.542362	2.784498
4.168696	2.465819	2.423486	2.913678	2.878797	2.572874	3.062641	2.869058	3.929936
3.357396	3.763238	3.552547	3.253459	4.178833	1.832179	2.41025	3.62122	4.265456
5.19201	4.542428	3.410364	4.044008	5.84244	5.379507	3.444261	4.100027	5.123199
4.62132	4.186964	3.909737	1.880558	4.730016	3.768909	4.755477	3.295386	2.503963
2.792232	2.560374	2.94387	1.850364	3.477931	1.589851	3.495959	1.682202	1.833733

TCGA-DU	TCGA-DB	TCGA-HT	TCGA-TQ	TCGA-DB	TCGA-FG	TCGA-FG	TCGA-HT	TCGA-HT
0.940317	0.658307	0.594444	0.761854	1.584804	0.421964	0.537864	0.80137	0.838101
2.216463	0.942846	1.369971	1.641467	0.845403	0.834679	3.330904	1.554638	1.08779
4.74006	5.12374	3.318017	5.40906	5.177908	6.408696	4.932334	4.885415	5.453932
1.868245	4.631144	2.618638	2.53623	2.968165	5.124025	6.849607	3.99434	3.743201
1.310456	1.336805	1.5967	1.134217	0.888204	1.086409	1.439942	1.006895	1.341231
6.335389	6.699167	6.819985	6.905624	7.036807	6.759496	5.781314	7.557826	7.246947
5.398344	5.14146	5.768365	6.177128	5.310674	5.969793	5.31063	5.800659	6.270693
0.660864	1.254844	0.525318	0.595748	0.744215	3.086485	0.558512	0.830122	0.840894
0.216663	-0.0465	0.005381	0.272488	0.031007	0.256827	0.040798	0.339073	0.408685
5.515535	5.710982	5.845603	5.390993	6.192	5.096414	4.800153	4.600953	5.275505
4.450885	4.710802	5.828907	5.115284	4.329377	4.493508	4.516423	3.737331	4.781564
3.154118	3.380133	4.089362	2.519946	3.282363	3.752354	3.130049	3.29005	3.300281
1.898148	1.734054	1.582291	2.0373	1.915506	1.912531	3.078674	2.147373	3.270826
2.915053	2.355463	1.467019	2.54385	2.193074	3.457113	1.929353	3.23296	3.460652
5.62819	5.670441	6.475357	4.952358	7.273014	3.931123	6.657507	4.601492	5.889558
3.252843	3.682323	3.215694	3.492445	4.004816	1.890621	3.521343	3.026555	3.596951
1.45113	0.715837	0.744088	1.347097	1.185907	0.534439	1.616311	0.917213	1.250734
7.791111	7.372397	8.46293	8.34501	7.444065	7.98017	8.496372	7.626107	7.660328
5.690097	6.042246	5.568028	5.110895	5.008537	3.121643	5.121469	4.344657	5.439951
4.20124	4.123503	4.208556	4.523645	3.894395	2.831698	4.232538	3.681432	3.308603
3.152428	3.437007	3.549159	3.264466	3.799207	2.52775	3.789827	2.526956	2.737687
4.013068	2.945422	3.0533	3.587681	3.040898	2.901678	4.260366	4.277203	3.218091
3.252989	3.314027	3.168208	3.124691	3.893981	2.386215	2.979156	2.750983	3.467928
0.4259	0.793562	0.314123	0.451938	0.948558	0.30327	0.399636	0.699612	0.667652
2.662474	3.430407	3.343107	3.56915	4.475739	3.907304	2.810289	3.853695	3.900187
3.756438	3.55679	3.617971	4.059953	3.44128	1.551106	4.159698	2.483777	3.881376
0.998665	1.179082	0.638288	1.366908	1.181364	0.896442	0.669623	1.120761	1.042611
4.408765	4.494668	4.7522	5.766308	4.61548	4.114668	4.380092	4.500565	4.782496
2.957057	3.313674	1.869179	3.08644	3.313633	4.88209	1.950601	2.54121	2.226845
4.418146	4.997501	4.589261	4.640904	4.67397	4.190581	4.369511	4.225738	5.111127
2.77208	1.554104	1.989267	2.351421	2.048004	1.078676	4.145158	1.781134	1.401209
4.557391	4.641394	5.415377	4.57844	5.142719	5.468945	4.335651	4.631865	3.822329
5.566522	4.9328	5.959458	5.499769	4.261401	4.534585	4.056836	4.775385	4.850889
2.399946	2.217825	2.64567	3.348433	2.733968	2.293035	2.730949	2.31219	3.64025
2.305024	2.270972	2.217304	2.550269	2.227447	4.399743	1.93206	1.82397	2.219512
3.254407	2.769292	2.935176	2.96626	2.43438	1.268068	3.585347	2.474657	2.729418
4.940396	5.505798	5.083561	5.803295	5.480479	6.998918	4.584835	4.664564	5.961557
3.368397	3.350022	3.691612	4.267826	3.643666	4.587345	3.645383	3.57135	4.227455
4.629683	4.027024	4.460058	4.55212	3.949368	4.418725	6.145489	4.737523	4.866206
0.113497	0.100525	0.123441	0.077664	0.067056	0.068563	0.0927	0.116826	0.173761
0.617475	0.76812	0.861348	0.166112	1.280598	0.350149	0.496666	0.498015	0.703224
2.218509	2.605827	2.184797	2.479546	2.772174	3.589869	1.854846	2.70243	2.51511
3.665012	1.556413	1.64391	2.881146	2.864115	0.938256	3.97591	2.247334	3.654998
1.052831	2.074253	0.784748	0.587191	2.592495	0.352996	1.234045	1.152061	1.567604
0.347591	0.705826	0.490109	0.735158	0.368423	2.671595	0.277508	1.238209	1.211218
10.5452	8.094194	9.678411	10.76228	8.880954	9.564446	11.21463	10.19532	11.32342
5.377538	6.458847	5.561084	5.119451	6.649095	7.250533	5.367292	6.102131	6.335061
3.536913	4.306324	4.378092	3.897657	5.112757	4.58955	2.918478	3.619121	4.441867
0.777926	1.300109	1.249333	1.762538	0.912118	0.57981	0.649143	0.689456	1.43612

0.565881	0.531697	1.008189	0.502824	0.567646	1.219384	0.694668	0.580188	0.742642
0.499776	1.671182	0.84648	0.855467	1.671814	0.467386	0.464169	0.739574	0.684773
2.380775	2.980121	2.168021	2.501147	2.158511	1.703863	2.022043	1.94666	2.375181
4.057044	4.745865	3.835387	3.798738	4.956624	4.204625	3.549964	4.21731	4.839017
4.571853	4.441658	4.205616	4.258668	5.27722	3.285623	3.620553	5.479981	4.644993
0.134877	0.124205	0.306522	0.273101	0.045118	0.04211	0.357998	0.141954	0.83217
0.413886	0.430297	0.434823	0.512928	0.71838	0.518444	0.380869	0.701113	0.781209
7.361206	4.619909	7.521108	7.528629	6.767724	6.85565	7.500819	7.490174	6.829066
9.523835	8.625333	9.742825	8.401072	9.280316	8.132206	9.029739	8.286153	9.337292
2.80794	4.232524	4.239499	4.280393	3.639562	4.880565	3.810656	4.535818	4.527785
1.996438	1.37073	1.635278	1.507969	0.868244	0.936435	1.949914	1.646444	2.652327
3.644131	4.84361	4.896971	6.133327	5.302532	7.126187	3.436339	4.951941	5.257039
2.69171	1.314586	1.104058	1.94956	0.788679	1.518005	1.628271	0.91383	3.666655
2.783504	3.409865	2.780045	4.417098	3.93746	4.656493	3.242311	3.451304	3.599724
0.544718	0.760133	0.850261	0.723652	1.173277	1.409983	0.589115	1.029826	0.622029
8.079698	6.387701	7.053911	5.765902	8.941945	8.718266	8.318097	8.817216	6.743395
3.245909	3.250506	3.686325	3.397079	3.898155	2.504367	3.35993	3.327791	3.429404
3.92464	4.021724	3.904626	4.257553	4.305316	3.194228	3.933703	3.304515	3.648064
0.549444	0.863186	0.629517	0.966372	0.651324	0.833181	0.102109	1.332362	0.714902
4.943281	5.273631	5.359768	5.243654	6.494893	5.371163	4.805874	5.369319	5.876988
3.588808	3.640669	3.680786	3.53227	3.409851	4.941471	3.162653	3.44904	3.464214
2.943102	1.332404	2.168223	2.802303	1.652517	1.116433	3.057459	1.90621	3.026143
2.722866	2.717583	2.916495	2.936658	2.610094	2.525449	3.388228	2.739439	3.115992
3.540662	4.43256	3.277218	3.689473	4.386842	6.915791	3.020386	4.66262	4.219629
2.880467	4.322492	1.221287	3.545947	5.114276	6.958094	3.584115	5.356357	4.378406
3.545718	1.744395	2.464933	4.617615	3.939231	5.278869	2.185818	7.417736	2.870653
3.38039	2.107391	1.960231	2.606246	2.127191	2.568504	3.276574	2.803017	2.58018
2.507657	2.0351	3.697856	3.518219	2.238661	1.490013	3.288481	1.721028	3.082517
3.321818	3.114746	3.222235	3.068283	3.055484	1.991733	3.557739	2.582812	3.254538
3.382522	3.599466	3.17517	2.922748	3.592162	4.261849	3.19473	2.573292	3.488518
2.078498	2.864214	1.165652	1.224962	2.419655	2.475113	1.401855	1.67499	3.349098
3.411254	4.203371	3.66003	4.999532	4.292877	3.381879	3.035001	4.124253	4.188913
6.871518	6.883046	6.398583	8.228	6.68371	7.664156	6.89403	6.792193	7.36529
1.364699	1.065061	1.243885	0.890645	0.729549	1.41086	0.935245	0.61331	0.635626
5.158845	5.587122	5.60289	6.066937	5.207104	4.559975	4.803568	5.3322	6.102551
0.716065	0.731572	0.28004	0.880001	0.243695	1.061798	0.135721	0.675581	0.468854
3.840034	3.895628	3.649061	3.912696	4.092787	2.255703	3.995552	3.373748	3.987053
3.026499	1.090672	3.409421	4.015302	2.689462	1.150275	2.643578	2.332393	2.990927
1.869012	1.614079	2.274719	2.520121	1.518821	1.851783	1.872377	1.55873	2.126711
2.775732	3.219182	2.691189	3.164124	2.869673	2.94387	3.170736	2.403179	4.100748
3.414868	4.079147	3.221733	3.815992	5.569165	4.040842	4.112646	4.728638	5.345927
0.264637	0.18031	0.177405	0.596545	0.10107	0.113576	0.244151	0.278572	0.349859
3.99045	1.584392	2.549872	3.805228	1.826185	1.794947	4.098248	2.666867	4.04792
0.180384	0.933363	0.007808	0.148995	1.600923	0.203486	3.854741	0.026709	0.089636
4.022998	2.303903	3.123713	4.591625	2.818991	1.808886	4.216208	3.064165	6.37615
2.087302	2.386449	1.431597	3.443001	2.078817	1.912971	0.988255	1.700866	1.531519
3.291147	4.140549	3.237059	4.30165	3.383957	4.444919	2.783536	2.907263	3.446348
3.059546	2.577657	2.294028	3.43657	2.09794	3.030159	3.491727	2.440265	2.787535
6.387208	5.915232	6.628712	6.910983	6.566245	4.180167	6.81331	5.268761	6.451167
3.595625	1.701298	2.124681	2.478094	1.29216	1.373129	3.938257	2.835066	3.406403
8.047869	6.820121	7.367603	6.396221	7.508174	6.531759	6.878629	7.492648	7.336877

1.895858	0.894116	1.329914	2.439227	2.089643	1.999118	1.352253	3.767522	2.127068
2.306085	2.151484	2.240177	2.933983	2.089916	1.548633	2.11729	1.60709	1.701451
3.301541	3.650265	3.57895	4.876639	3.032143	1.877724	3.828374	2.937687	3.59905
0.332436	0.083495	0.633161	1.191532	0.254022	0.037999	1.15694	0.010645	0.525108
8.041002	8.032862	5.697664	7.669016	6.410428	9.13014	7.997654	8.747472	7.640104
4.300687	4.096523	4.917319	4.180355	4.366857	4.517486	4.487666	4.605585	4.258271
2.388395	2.370386	2.953226	2.734716	2.703364	2.758313	3.597341	2.626188	2.768546
0.81977	0.449726	0.486514	0.457587	0.396952	0.807585	0.339473	0.723464	0.954965
4.669729	5.151683	4.661125	4.630278	6.407622	3.280168	5.200225	4.122846	5.405946
1.40971	0.648285	1.80874	1.154442	1.736294	0.989417	2.426113	1.255257	1.551906
2.40733	2.756464	2.407321	2.936211	3.161008	3.266969	2.218372	2.580003	2.913122
3.325667	3.031447	3.613851	3.384119	3.399042	2.172136	3.218032	2.591153	3.517573
0.153334	0.123159	0.135734	0.095477	0.057399	0.449875	0.06818	0.156913	0.415916
0.024487	0.072718	0.005994	-0.04547	-0.01021	0.040646	0.873146	0.029952	-0.02775
4.402619	2.737042	4.002058	4.478469	1.831086	2.719764	3.085548	2.851089	3.935136
3.536984	4.20859	4.118706	2.665601	4.581904	1.876783	3.122534	2.991843	4.116069
4.16669	1.329682	2.404207	2.643323	3.699585	2.443372	4.222942	2.977282	2.537217
3.479685	3.380013	3.584894	3.123001	3.816299	1.888418	3.549793	3.167143	2.813332
4.408499	4.169468	4.199862	3.63369	3.930384	2.858493	4.106604	3.956086	4.144972
7.187015	6.5745	6.33443	6.841073	7.753149	6.389159	6.745255	7.12008	7.027014
-0.05326	0.090035	0.065976	0.082826	-0.02806	0.63311	-0.03286	0.055267	-0.05326
1.415308	0.795996	0.722918	0.621687	1.091484	0.736626	0.670964	0.575447	1.243823
3.661706	3.821004	2.905882	3.27726	4.051406	1.823254	3.411163	3.757701	3.545657
6.509621	5.847946	6.638413	6.981008	5.530968	8.370072	6.037046	7.841366	5.89738
0.066339	0.165312	0.060204	0.086154	0.069477	0.06231	-0.01413	0.207493	0.032108
2.232596	0.253574	0.624211	0.725672	0.275959	0.74877	0.943388	0.212877	0.304866
3.953957	4.317762	5.949094	4.154581	4.334404	3.659926	4.961091	4.851218	4.55356
5.521969	5.027859	5.606333	5.613688	4.730482	7.110069	5.201287	5.562892	5.541528
5.386837	5.677242	4.936026	5.518515	5.842154	5.874373	5.092792	4.632405	5.732859
4.765207	4.076287	4.362349	4.033378	4.215177	4.576605	4.157955	4.724611	4.330656
3.913676	3.996443	5.185334	3.502223	3.65303	3.184572	4.127715	3.548329	4.603176
0.969321	0.900043	0.643965	1.538924	0.887769	1.097757	0.748503	0.801018	1.228678
4.93289	3.400837	3.118163	5.501115	4.093968	5.303153	5.246379	3.056206	2.982858
0.030493	0.020887	0.000681	0.000681	0.000681	0.560317	0.007823	0.319	0.009309
5.158392	4.151103	4.656608	6.170118	5.17818	5.973097	5.945645	3.551705	4.179441
3.919775	4.162067	4.34157	4.819366	5.5201	4.072561	4.47025	4.006067	4.817465
4.218156	4.499903	4.978087	5.258987	5.153307	3.492127	5.381826	4.107281	5.440293
2.437323	3.555864	2.409119	3.190156	3.562441	2.180034	1.368498	3.348049	3.585026
3.942327	3.973053	3.660069	4.657868	4.53985	4.671951	3.532311	4.87884	5.370392
1.778087	2.751205	1.511248	1.961456	2.382198	1.490909	1.236991	1.637242	3.267087
0.094049	0.232397	0.019292	0.060948	0.037131	2.536263	0.019518	0.22062	0.09311
3.752089	4.533369	3.868448	5.191496	4.291768	2.774555	3.906451	3.74654	5.407471
0.299097	0.405359	0.424066	0.355331	0.571316	0.044482	0.228632	0.15572	0.31103
0.632143	0.272416	0.07276	0.264343	0.179734	0.432584	0.084856	0.037282	0.194418
5.5893	5.252141	5.304145	6.69469	4.801801	6.74038	4.40866	5.435448	6.27285
4.654188	4.137899	4.710528	3.813952	5.713681	3.327329	5.529882	4.077238	4.495066
2.59677	2.472956	2.172048	2.198422	1.905629	2.347687	1.748037	2.652064	2.152322
2.563195	1.559889	1.072323	0.877169	0.351771	1.744072	1.104453	0.67044	1.050326
6.418044	5.50079	5.489989	6.84439	6.163704	5.871083	6.466325	5.717626	7.466828
0.100915	0.057922	0.033503	0.048493	0.012251	0.058246	0.055249	0.012251	0.025372
2.150932	0.863337	1.105943	1.619081	1.073761	0.868154	1.906726	1.231181	2.531867

2.703084	2.653808	4.728272	3.327345	2.691528	1.992778	3.76969	2.525201	3.70842
5.389505	4.560643	5.383976	5.84656	4.958544	4.84322	6.769838	5.67796	4.912383
0.667516	0.095739	0.14522	0.343046	0.277102	0.889533	0.510043	0.360749	0.338569
0.207548	0.147441	0.346934	0.480446	0.107023	0.180717	0.200925	0.157836	0.567151
4.813218	5.015176	4.032742	4.907675	4.361022	2.405299	4.59466	3.868792	5.370069
4.922292	5.206966	6.618521	4.743009	4.742207	7.876504	5.098497	5.127961	4.75752
0.138093	0.058432	0.048463	0.168212	0.103358	0.060829	0.037215	0.091218	0.122157
9.337333	8.823934	11.86593	10.02106	8.42927	8.628719	9.76224	7.964872	9.9009
4.530791	4.753016	4.66799	5.24036	4.815389	3.357871	4.665046	4.091042	5.321182
4.382219	1.325018	2.144019	2.354229	1.102403	0.322125	1.588511	0.968123	0.960033
4.676508	4.752351	5.41814	4.702241	6.65909	6.455064	4.690552	6.854139	6.317551
3.594979	4.383666	3.446728	3.732921	3.060165	3.314379	3.212406	2.814026	4.511403
3.845527	2.609137	3.950697	3.812017	2.034886	3.359708	4.087142	2.69707	3.252815
1.143741	0.834559	1.483388	1.362274	0.933918	0.759344	1.627871	1.059837	1.412703
0.063281	0.103659	0.11647	0.16584	0.042045	0.209435	0.054767	0.033072	0.06787
0.422164	0.655902	0.530856	0.363765	0.483292	0.811143	0.45466	0.399444	0.781135
5.00657	3.384166	5.851122	5.316459	4.163396	3.7271	5.335477	4.09518	3.55877
1.550769	2.936642	2.43255	3.368055	2.688	3.251127	2.25043	2.728023	3.3474
1.428838	1.711187	0.862381	2.565902	1.483105	1.261006	1.688481	1.778861	2.71919
4.783079	5.562185	4.212002	3.803799	6.427789	5.488547	5.687663	4.796919	4.542934
2.980617	0.202471	3.273367	3.628875	0.457446	0.155275	1.833928	1.442988	1.589897
4.666921	5.694619	4.20053	4.150253	5.456171	5.022273	5.446714	5.112936	5.522488
0.860439	2.149301	0.964091	3.110786	0.302854	1.36116	0.951269	0.8597	0.465013
3.052363	3.18639	3.20026	3.56214	3.285618	3.265789	2.648768	2.547671	3.453957
1.124657	1.290146	1.997095	2.847166	0.882188	0.774312	1.400224	1.056285	3.179669
1.620059	0.929752	1.440442	0.828616	0.143244	0.130055	0.3837	0.590029	0.779096
4.999915	5.21894	5.290467	4.555961	6.931813	4.236351	4.913741	4.634468	5.100332
5.218638	4.526892	5.375185	5.829328	6.010122	5.234499	5.760305	7.981356	5.360315
1.260895	0.388689	0.503094	1.134136	0.558032	0.31734	0.972293	0.440854	0.856937
4.48654	3.756292	4.07955	5.108846	4.634921	5.511637	4.792917	3.650096	3.709367
8.033261	7.24442	7.035144	7.118853	7.372355	5.974303	7.379042	7.013724	6.749113
0.244276	0.803242	0.189183	0.367616	0.369036	0.729532	0.209503	0.434763	0.741206
3.193146	2.531267	3.02058	3.337862	2.674559	2.787723	3.570735	2.295077	3.087172
2.714161	0.733609	1.425227	2.298764	1.558151	0.815981	3.410177	1.799876	2.626841
2.336862	1.866393	1.727201	2.55686	2.238576	2.26174	2.89226	2.641425	2.337334
4.350947	3.880083	4.894235	4.246382	3.843758	3.303874	4.286342	3.749266	4.38965
2.4688	2.727927	1.603702	3.079544	1.740344	3.549145	1.072497	0.697624	3.21492
3.424414	2.24953	2.052172	1.559392	3.047307	2.11996	3.391351	2.843327	2.512023
4.102173	3.19087	4.386621	3.792175	3.152997	2.300827	4.531102	3.176136	3.152799
9.487999	7.058422	7.294966	8.61334	9.07887	9.800803	8.624229	10.40862	9.205809
5.272939	4.174657	5.149782	4.841624	4.664935	3.487407	5.699867	3.241164	4.2155
4.581587	1.813406	4.077202	3.943484	2.267316	1.910614	5.412264	2.967423	3.807501
9.170883	7.775772	7.401954	6.532199	7.498442	8.393222	8.037895	9.965501	7.650951
4.2689	5.79935	3.141658	3.972772	4.282025	4.695809	2.464045	3.432881	3.778805
3.73	3.933466	3.801871	3.22263	4.050924	3.112405	3.535133	2.870504	3.351391
0.870003	1.29821	0.513313	0.930282	1.014312	2.506311	0.444404	0.72974	1.51643
3.242166	3.194041	3.966514	2.449151	3.40209	2.9619	2.779659	2.387997	2.970744
3.206174	3.536886	3.467444	3.462727	4.469406	3.608926	3.255165	4.141006	3.936593
3.104334	3.462707	3.333253	3.218036	3.343934	2.697938	3.072546	2.425415	3.541175
1.314082	2.450154	0.987759	1.424165	2.408927	1.758516	1.364479	3.052428	1.723611
3.372827	2.807818	3.391311	3.786468	2.899074	1.495634	4.03382	2.999242	3.215924

1.977285	2.34754	1.322738	1.799185	2.773044	1.177521	1.976112	1.346783	1.913505
3.605475	3.325343	2.546126	2.960482	3.300815	3.315378	2.980446	3.580307	2.483513
4.047602	3.095411	3.002822	3.032862	3.12181	5.019318	2.840756	3.148334	2.986605
3.920436	4.282199	4.408697	5.930909	4.539631	3.449825	4.212639	3.322221	4.153545
1.135064	0.949864	2.144137	1.80604	1.375652	0.75454	1.040364	1.01352	2.111174
4.305247	4.475462	4.578562	4.659627	4.019876	4.497408	5.470293	3.561983	4.980969
2.18639	1.884298	4.324489	2.8719	2.369056	1.798174	2.29122	1.987506	2.521327
4.463668	4.151843	5.168285	4.564704	5.157383	3.029161	4.411298	5.24067	4.840834
4.74806	5.110888	5.289527	4.478474	4.866992	4.753624	4.840092	4.845841	5.16515
4.789653	4.947938	5.130114	4.406111	4.399423	5.278576	5.073277	3.706733	4.923356
4.57894	3.68371	4.410926	3.735062	3.946918	4.705914	4.937688	5.039525	4.663674
4.807954	5.381072	5.322112	6.208623	5.588821	5.301153	4.402298	4.540171	5.580831
6.429421	6.370285	4.562604	6.21878	6.275609	8.010532	5.892285	10.10508	6.409673
5.050291	4.592201	5.433263	4.310553	4.647033	3.099176	5.400197	4.631036	5.278221
3.183794	2.89785	3.868045	3.865153	3.992279	2.808993	3.754195	2.709714	2.95571
6.423272	6.421298	5.886385	6.389222	7.222055	6.675466	6.883829	5.880922	6.103064
2.955175	2.717632	2.663039	2.127491	3.09544	1.547426	3.073002	2.063972	2.900826
2.507728	2.85298	2.839575	2.875083	3.073871	1.931775	3.151666	2.266425	3.09969
2.364133	2.294847	1.650534	2.704753	2.422862	2.229974	3.751361	2.48946	2.289403
2.666513	1.98396	1.573028	2.88666	1.865079	2.603144	2.959286	2.473955	3.496206
0.209275	0.078048	0.07865	0.09337	0.228281	2.234687	0.279919	0.091981	0.962585
5.169232	5.3016	5.685564	5.526569	4.93095	4.758566	5.495583	4.310986	5.511759
4.337662	3.723007	5.794033	4.682673	4.397261	3.829521	4.636785	5.57178	3.728605
6.158646	5.775936	5.936153	5.569581	5.996232	4.397805	7.525386	5.464082	5.678779
0.286821	0.029416	0.035839	0.376511	0.555406	0.114228	0.431822	0.098702	0.541274
1.651954	1.709436	4.168641	0.938309	2.032905	1.409233	2.332941	2.269328	1.061391
3.506491	3.940518	3.752438	4.545681	4.126791	3.736829	3.234604	2.978517	3.802532
4.341443	2.500763	4.68742	4.814976	3.212221	3.675625	4.650569	3.849708	4.602304
1.934737	2.013223	1.696056	1.96134	1.135289	1.990252	1.822152	1.451034	1.349341
3.707969	4.32146	3.114516	3.056464	3.924507	2.530792	3.937563	4.556691	3.271877
7.224731	7.067388	7.18185	6.730497	7.14359	4.954985	6.967119	6.6479	5.861821
2.701161	2.738078	2.853319	3.148483	2.981239	2.555395	3.800676	2.357129	3.858673
0.457934	0.874812	0.644491	1.081602	0.344272	0.474799	0.350683	0.60327	0.747638
3.824223	3.575511	3.993326	4.581739	3.475391	6.04797	4.099794	3.590016	4.399691
4.328931	3.750602	4.574774	3.028466	3.984207	1.977263	4.619075	3.40937	3.601112
3.295131	3.46475	0.7219	1.282944	1.451489	6.19194	0.634748	1.320161	2.643064
1.844839	1.706928	1.756186	1.978715	2.459303	1.279206	1.94734	1.421316	1.912934
0.228825	0.464746	0.056404	0.061999	0.029309	0.203886	0.256018	0.070647	0.101196
5.849601	4.610376	6.213431	5.840909	4.482614	4.57134	5.935253	4.19908	5.145129
4.743354	2.770047	2.199375	5.197711	3.794607	3.755201	6.069921	4.281727	5.665351
5.464538	5.805941	5.84964	6.017836	6.268282	5.673263	5.756025	5.792942	6.006687
4.43982	5.577885	4.99746	5.322234	4.880669	5.621332	5.688643	5.569363	5.426788
3.832357	2.924605	2.569021	4.518713	3.141223	4.220366	2.855432	3.824313	3.119997
3.28365	3.008382	3.703382	3.302662	2.684775	1.757138	3.708517	3.280751	3.515395
3.242688	3.62274	3.885192	3.87767	3.375423	3.516512	3.625236	2.910311	3.571742
0.699058	0.132383	0.275401	0.77995	0.522436	0.133205	1.943654	1.336372	0.271797
1.168943	2.333837	0.156106	0.30918	0.427534	3.468712	0.097232	0.436664	0.596289
1.667649	0.905018	2.934552	2.890138	1.08603	0.511522	2.10673	0.899551	4.11536
1.121139	0.676809	0.782597	0.809983	2.242932	1.679601	1.121701	0.814962	0.956413
5.584122	6.362286	6.157709	6.364425	6.891817	5.847502	6.092393	6.303281	6.724578
3.402117	3.00621	3.080277	3.864957	3.528625	3.440519	3.369607	3.51383	3.132516

4.51653	5.100104	4.148467	3.440548	6.037402	4.700937	5.146155	4.598781	4.267594
3.479926	3.6462	3.191873	4.189272	3.374404	4.340757	3.359554	2.793365	3.558762
3.563659	4.5611	5.020144	4.366337	3.20449	2.872578	3.828749	3.039376	4.266283
3.224496	2.142371	1.75128	1.838639	2.277302	2.861672	2.316964	3.591609	3.079454
5.900616	5.260194	4.712292	4.893504	5.967832	5.076037	5.71083	4.570682	4.426365
4.107437	4.795002	3.571474	2.562404	5.157939	4.725345	2.918691	5.225405	5.462217
2.615331	2.746408	3.068444	2.788562	2.075605	2.395167	2.609553	1.760046	3.045387

TCGA-FG	TCGA-FG	TCGA-DB	TCGA-P5-	TCGA-CS-	TCGA-CS-	TCGA-E1-	TCGA-FG	TCGA-DU
0.43909	0.236197	0.924721	1.090256	0.379269	0.625203	1.524318	0.57427	0.880093
1.389989	0.871411	1.831794	0.827002	0.88433	1.721382	0.628801	2.288539	2.791838
5.72661	8.018561	6.265381	4.857141	5.708149	6.618988	5.066333	5.785151	6.444315
4.892745	5.072825	3.687818	2.726007	5.748579	6.725851	6.228165	4.28373	3.05478
0.931638	1.113284	1.160104	0.815537	0.247553	1.519994	1.671482	1.087226	0.978918
7.514866	5.891866	6.49511	7.245386	6.290205	6.314498	7.465406	6.962698	8.394965
6.337466	5.720648	6.191342	5.390063	6.237016	7.400506	4.902253	5.273188	6.636444
1.471551	3.754872	2.782353	1.085929	0.575658	1.011771	0.969509	1.264177	0.825926
0.093637	0.122655	0.826771	0.201113	0.008356	0.061425	0.07156	0.112271	2.290399
5.894392	6.28235	5.185135	5.68214	5.718906	3.582036	4.723001	6.166955	5.858474
5.444329	4.131663	4.123466	4.64389	3.852119	4.611204	5.267813	4.924813	5.347557
2.440692	3.52005	3.377401	2.644709	2.013805	2.410234	3.018896	3.724653	3.574625
2.319623	1.804421	2.118694	1.877063	2.654212	3.146735	2.320669	2.062266	3.149322
4.146862	3.595002	3.801385	2.935652	4.034075	4.365247	3.881938	3.428659	2.881467
4.205831	3.673673	4.125661	4.877841	5.080527	4.213976	5.462835	4.70897	5.144754
2.239085	3.121823	2.847516	4.337727	2.430651	3.586273	3.935508	3.344262	1.501305
0.886743	1.143841	0.758189	0.710049	0.54192	2.340855	1.026341	0.70454	1.081245
9.062171	8.400746	8.335795	7.921965	8.368301	8.737113	8.413783	8.184451	9.020405
5.004539	3.370533	4.109719	5.005327	3.790609	3.864192	5.3153	5.146618	4.704452
3.638381	4.017592	3.567653	3.410801	2.498976	4.233211	4.030456	4.504669	4.016489
2.86803	1.949861	2.678647	3.219441	3.825189	3.668086	4.417937	3.478302	2.826584
2.754256	3.204184	3.345319	2.84414	2.536456	3.443722	3.07404	3.075582	3.990451
2.738994	3.630189	3.160348	3.135086	1.647814	3.35473	3.28901	2.316603	3.081085
0.443385	0.577831	0.468938	0.450812	0.232709	0.549511	1.235079	0.461788	1.353838
2.455329	5.297011	3.905068	3.573947	3.249445	3.379103	4.766622	4.363801	2.714954
3.459994	1.266349	2.993012	1.331026	3.863812	4.859993	3.865863	2.141478	5.230567
0.744959	0.65005	0.54734	1.10254	0.29141	0.455514	1.16788	0.90181	2.110163
4.223884	4.697828	3.918008	5.029938	3.601723	4.680719	7.196435	4.715234	5.521314
2.778201	5.290228	5.161961	3.390752	1.69256	2.28645	3.263806	3.975275	1.471718
5.091361	4.353855	4.291244	4.50712	3.794777	4.621922	4.660596	4.446494	4.698084
2.609195	0.676496	2.074251	0.619488	2.403867	3.424204	2.497049	2.531273	2.788063
4.212376	6.36404	5.198927	5.23674	4.552909	3.938509	3.750487	5.224614	4.378799
4.976273	3.901311	5.027113	5.09963	5.886792	4.94334	5.503654	4.76763	4.820784
2.840267	2.689457	2.976976	2.917023	2.589604	3.788264	3.149036	2.873331	4.391728
3.189283	4.613931	3.928672	2.546444	1.865047	2.225506	2.852397	4.220451	2.52359
1.885362	1.241597	1.765597	2.064621	1.474371	2.544599	2.629961	2.617935	2.583365
6.269724	7.223676	6.270062	5.976787	4.276515	4.200625	5.033727	6.267914	5.660811
4.321981	3.990882	4.045116	3.60372	3.876036	3.82263	4.005047	3.965228	3.865266
5.320551	4.870318	4.430137	3.928251	4.520863	4.926728	4.882274	5.147914	6.390868
0.09384	0.067963	0.201224	0.07348	0.071157	0.211673	0.15485	0.089464	0.21705
0.683313	0.760181	0.574852	0.592233	0.33789	0.470397	0.732114	0.405279	0.591759
3.143285	3.928699	3.474255	2.846199	2.251442	2.278137	2.625867	3.30363	2.14771
3.404634	1.022421	2.573753	1.255433	2.52754	3.279177	1.865585	2.604328	3.279374
0.892867	0.362097	0.682207	1.585155	0.499176	1.026838	2.398283	1.131891	0.652558
1.851766	2.970119	2.581034	1.281384	1.07595	2.87808	1.330684	1.8956	1.789651
12.51876	9.109708	10.49856	9.194738	11.28378	11.8053	9.447646	10.30472	10.23084
6.185658	7.671738	6.851748	6.387485	5.931048	3.144528	5.494446	6.61609	4.484109
4.360574	6.145769	4.879227	4.486332	4.26169	2.834686	4.959127	4.629529	4.442447
1.437824	1.15105	0.479611	1.243478	0.193646	0.824285	2.667117	0.990156	0.975284

0.486168	0.958791	1.124087	0.651799	0.646495	0.660507	1.594049	0.791098	0.66412
0.695669	0.561705	0.532274	1.06769	0.146814	0.676215	0.156525	0.541127	1.217416
2.106159	2.540425	1.532544	2.597396	0.688975	1.323208	3.113915	2.903308	2.369601
4.723434	5.623623	4.765717	4.633855	4.889055	5.791385	3.750081	4.865234	3.639185
3.624686	3.706219	3.843307	4.969205	4.091702	5.083013	3.407037	3.67908	3.816271
0.476106	0.022438	0.236473	0.063225	0.095588	0.404808	0.089425	0.195975	0.186902
0.99593	0.84104	0.631246	0.357141	0.520677	3.532181	1.283421	0.703039	1.07791
7.061355	7.236836	8.249302	7.438999	8.428047	8.299365	7.060667	8.349988	3.888397
8.642976	7.566806	8.851409	9.222665	9.121965	8.814475	8.087284	8.682591	8.094928
4.002203	6.019621	4.860051	4.559478	2.828483	4.872873	4.579697	4.741716	6.873841
1.613215	0.681963	1.753274	1.011377	0.829693	2.809232	1.806756	1.753958	2.662921
6.399516	6.301481	5.896894	6.035105	5.254087	5.309232	5.539904	6.065834	5.078703
1.372001	1.116965	3.315041	1.084787	0.93542	4.363462	0.897942	1.495462	1.689355
3.398753	3.574777	4.058129	3.194778	2.311023	3.108246	3.594454	3.656836	3.487698
1.499907	1.385513	1.194482	1.029391	0.884813	0.593399	1.006311	1.096902	0.86828
8.602669	9.248032	8.16363	8.882042	11.07908	9.758474	8.712723	9.323166	0.219048
2.234177	3.063217	2.201575	2.575398	1.808646	2.870656	3.362835	3.164631	3.48257
3.978166	3.429399	3.516869	3.453052	3.043992	3.96551	4.625068	4.164078	3.586015
0.453297	0.716425	0.456511	1.057106	0.103737	0.292518	2.965337	0.392075	1.963682
4.581546	5.864633	4.765809	5.331528	5.493196	5.036966	5.67592	5.817647	4.906887
3.813305	5.399151	4.91298	3.645255	2.762006	3.688673	3.381135	4.320411	3.618475
2.579436	0.907447	2.843833	1.456389	2.068604	3.682441	1.529698	1.869396	3.539576
2.761663	2.969402	3.278484	2.564932	2.185965	3.94456	3.424405	2.868391	3.315134
5.586464	7.600493	6.871006	5.172547	4.337394	4.478094	4.462165	5.687132	3.77726
5.795513	6.796474	6.218539	5.638145	4.166032	5.976298	4.770911	6.534289	3.834257
4.543233	5.063079	4.621515	4.817375	2.878729	3.905636	1.496334	4.165113	0.993315
2.916622	2.154678	2.791361	3.264886	5.028648	3.902435	2.657516	2.607128	1.871417
2.657659	0.987753	2.735869	1.746755	2.643171	3.536682	3.126325	1.933861	4.798232
1.861363	2.343411	2.397297	2.301145	1.308709	2.380106	3.173346	2.949464	3.007326
3.600968	4.73166	4.172642	3.371826	2.544751	2.45576	3.825464	3.772549	3.177362
2.675901	2.161036	2.542014	1.867579	2.034243	2.394188	1.617706	1.784958	1.765518
3.598646	3.492273	2.7008	4.695968	2.244545	3.490438	5.424404	3.234266	4.988644
8.419641	8.025669	8.026221	7.509213	8.371435	7.693039	6.777746	7.922925	7.74272
0.439005	1.913899	1.495743	0.917622	0.664776	1.025308	1.833734	1.359005	1.13903
5.508628	4.861616	5.009734	5.92222	6.305156	5.311089	4.39501	5.020052	5.769562
1.450378	1.255253	0.94289	0.603953	0.528913	0.40224	1.024475	0.754546	0.816999
2.468951	2.425904	2.451766	3.174663	2.175165	2.832025	4.855725	3.214775	4.085374
2.614223	1.015472	2.309817	1.655891	2.385882	6.18524	6.832609	2.208923	2.758592
1.821073	1.962652	2.010968	1.780895	1.042049	2.255587	2.400034	1.699786	2.569094
3.63002	2.222362	2.736441	3.106116	2.408324	3.97991	2.827495	2.583131	3.438124
5.538414	3.254726	3.411349	3.339177	3.626964	4.529579	4.729855	4.744205	3.963172
0.424285	0.137494	1.633498	0.099422	0.083868	0.290868	2.712262	0.749863	0.423702
4.304445	1.327895	3.685481	2.455776	3.078016	4.987772	1.74576	2.631759	3.508112
2.103469	0.091009	0.031472	-0.01493	1.146408	0.362508	0.297196	1.341167	1.73983
5.839695	1.387393	4.417029	2.750784	4.264928	5.641183	2.98966	3.107094	4.817942
1.598488	2.240506	0.799991	2.247446	0.657592	1.11762	3.936352	2.060851	3.811126
3.731717	5.07442	4.050312	3.961318	2.372187	3.791575	3.794681	4.457776	4.390166
3.319343	3.506198	3.181657	2.467183	1.81066	2.775859	2.433983	2.810665	3.679842
6.608021	4.447632	4.885401	6.238473	5.982278	5.864649	6.045807	5.863858	5.282191
3.127199	0.878063	2.686924	1.241581	1.7174	3.885445	1.69399	1.893926	3.471307
7.171272	5.488422	7.062956	8.150699	6.652668	5.325976	7.379717	6.277959	5.048249

2.759164	2.366741	2.97468	1.773699	1.867832	3.291215	3.229193	2.889378	4.952123
1.470975	2.242328	1.325219	2.027735	1.210718	1.985499	3.357541	1.677592	2.318485
2.36419	3.334166	2.316086	3.155675	2.503788	2.42754	4.883413	3.400272	4.149339
0.298237	0.023131	0.10675	0.006059	0.642057	0.156411	0.094853	0.253643	0.517751
8.446317	9.471492	8.714686	8.767796	9.607917	8.226946	7.110925	8.619977	7.537073
4.085681	3.713497	4.800611	4.358425	3.661214	5.14073	4.323148	4.260898	4.980599
2.625021	2.334189	2.561299	2.679715	2.789268	3.329939	2.495722	3.01205	2.852879
0.942859	0.662998	0.935076	0.268752	0.560149	1.951155	0.968952	0.884263	0.817667
4.419289	4.324848	4.08107	4.788651	1.820611	3.501876	3.398565	3.534973	4.6273
1.26932	0.827306	1.577879	1.076994	3.542546	4.770096	1.626621	1.642919	1.615137
2.726434	4.011704	2.67517	2.951162	1.557277	2.944398	3.286421	2.670402	2.779872
2.517671	2.668365	2.621986	2.805122	2.234394	3.509936	3.20158	3.012131	0.919322
0.387576	1.199676	0.496051	0.138351	0.108799	0.032387	0.390635	0.487876	0.331246
0.074745	-0.04305	0.046243	0.03005	-0.01937	0.063756	0.391732	0.406699	0.642722
2.238073	1.869903	3.666593	4.101661	3.279495	4.26627	3.00701	2.656988	4.272758
2.784659	1.808543	2.857875	4.500009	6.451961	2.160608	1.752056	4.012503	2.304782
1.701064	1.328965	2.947472	2.239673	3.637816	2.311198	3.063912	2.445127	1.530085
3.155106	2.182247	2.463137	2.736695	2.445926	1.934846	2.565693	3.1431	3.271064
3.138313	4.296698	3.626391	3.953932	4.094566	3.418748	5.239102	3.689894	3.38695
6.322434	7.385972	6.886801	7.340533	8.824909	6.731092	5.940535	7.797272	6.460564
0.105025	0.103976	0.036018	-0.03048	-0.03264	0.003153	0.021829	0.456584	-0.02947
1.330251	0.426896	0.655641	0.976157	0.304251	2.04447	0.96487	0.605374	0.849067
1.944337	1.711029	1.814654	2.79786	1.021778	2.774555	3.680462	2.301636	3.54615
7.003538	9.162197	8.075137	6.875307	6.615864	5.25307	7.883776	8.031812	5.393809
0.75671	0.089488	0.019954	0.124188	0.009854	0.006299	0.076302	0.019012	0.164165
0.403267	1.373257	1.217324	0.191076	0.317951	0.252474	2.627664	2.237122	2.002965
3.82525	3.712401	3.533551	3.618982	3.021711	3.788878	3.79054	3.739077	3.924095
6.216901	7.112982	6.647937	5.308729	6.059296	5.545685	5.2193	6.365913	5.132578
5.437372	5.877364	5.749187	5.834893	3.964916	5.598185	5.261207	5.910868	3.155497
4.426917	4.471883	4.940052	4.728139	4.361686	4.699917	3.378591	4.379768	3.313066
4.067538	3.207167	3.925288	3.759767	3.286587	4.328812	4.044766	4.062666	5.429522
1.320838	0.538277	1.172435	1.511585	0.690315	1.023271	0.835994	0.72184	1.574262
5.112371	4.13987	5.699931	1.487861	3.748059	5.515457	5.77723	6.166884	6.108718
0.048353	0.2417	0.242717	0.032459	0.007899	0.000681	0.035716	0.053167	0.009008
5.447696	5.259912	6.039108	3.837662	4.699354	6.453549	6.715427	6.935869	7.638556
4.138899	4.534642	4.305486	3.902742	3.274374	4.426882	4.331222	3.768852	4.146481
4.108421	2.761611	4.151534	3.70792	4.177475	5.571666	4.442503	3.714887	4.880818
2.00528	2.847745	1.02744	2.415633	0.249775	1.99535	4.268706	1.643625	3.834007
5.02715	4.929301	4.662461	4.955644	4.183357	4.255284	8.971551	4.476502	7.328841
2.800762	1.753071	1.142996	2.392576	2.093431	3.347446	4.237178	2.235893	3.059405
0.447352	0.685626	1.892745	0.547771	0.192922	0.237549	0.21781	0.930507	0.021517
4.805005	2.880746	3.584359	4.674937	2.447778	4.438317	4.44938	3.975907	2.742949
0.334684	0.439185	0.156549	0.523322	0.377638	0.294215	0.254333	0.426698	0.482892
0.258655	0.980141	0.5487	0.22555	0.112737	0.108915	0.108885	0.173221	0.078497
5.638041	6.457431	6.324081	5.590522	7.717481	7.170068	4.88934	6.5104	6.02359
3.546134	2.924699	3.389433	4.506845	3.513271	3.439068	3.883012	4.287225	4.622684
1.949324	3.671063	2.785957	2.366899	1.977674	3.602762	2.434273	2.43984	2.288624
0.941679	2.055638	1.376945	1.020757	0.616385	1.313721	0.308334	0.917751	1.525413
7.460723	6.080621	6.116741	5.761648	6.307725	6.217621	7.325329	7.248631	7.608195
0.129575	0.235077	0.04076	0.012251	0.012251	0.032276	0.090739	0.038922	0.024917
1.96392	0.646391	1.562951	0.958508	1.198373	2.681663	1.660746	1.210533	1.939328

3.008544	1.936848	2.233156	2.427903	2.247028	3.180949	2.449276	2.319037	3.426174
5.612107	5.794329	6.4295	5.204552	8.569267	7.359781	5.584786	5.616183	6.046742
0.431007	0.88748	0.601122	0.401142	0.172169	2.341264	0.472057	0.310844	0.129101
0.291017	0.305379	0.173999	0.198497	0.061593	0.340797	1.777714	0.164154	0.256164
4.75244	3.354907	4.381509	4.813007	3.473186	4.858383	4.208371	4.628756	4.392025
5.869136	8.023633	7.116429	5.747321	5.19351	4.783567	5.424772	6.584148	6.174604
0.0297	0.047242	0.050361	0.065986	0.022344	0.038385	0.074624	0.089027	1.02777
10.82882	7.587567	8.696047	9.526365	9.876171	8.352878	10.09781	9.430818	10.38424
4.615542	2.960093	4.05393	4.693894	4.12407	4.957019	4.556669	4.309703	5.063459
0.924592	0.54334	4.449822	0.574616	0.437265	1.103245	1.466641	3.611818	4.751306
7.403055	6.171088	6.270116	4.948571	7.815829	7.958864	6.771736	6.41016	5.256079
4.618792	3.554571	3.29503	3.85312	2.161217	2.446019	3.331141	3.34124	4.094242
2.741262	3.101716	3.782536	2.586451	2.787353	4.953289	4.180152	3.269803	3.535063
1.329594	0.776212	1.243424	0.756056	0.675117	1.717851	1.595458	0.961583	1.876853
0.065346	0.106834	0.108053	0.049253	0.083737	0.105346	0.06854	0.086042	0.091382
0.858164	1.643419	1.144643	0.462687	0.126435	2.374715	0.524395	0.458584	0.56699
3.829101	4.582792	4.807685	3.582731	5.387215	6.458699	5.744179	5.270098	5.253197
3.054528	2.888606	2.752493	3.111347	2.058695	3.81038	4.501571	2.947381	4.379721
2.275085	1.338597	1.544865	1.603115	2.437909	2.931641	2.617155	1.403325	3.76159
5.702224	5.828387	4.510184	4.593665	4.774201	4.476236	5.597894	5.92955	5.879249
0.638496	0.208533	2.796607	0.486316	0.416662	0.628451	0.536737	2.028551	2.06713
5.44864	4.199307	4.553835	5.103108	4.509376	4.986452	6.306932	4.562575	4.558178
1.448651	1.409454	0.898124	2.048482	0.62469	0.839307	3.24187	1.362733	2.164655
3.487284	3.91695	2.976403	3.707274	2.444807	2.984855	3.431647	3.050385	3.745627
1.306141	1.077105	1.028816	1.483624	0.457709	1.587244	3.474939	1.397351	1.913557
0.430766	0.031649	0.416324	0.691696	0.148938	1.222626	0.596872	0.337778	1.005092
5.084476	4.373222	4.639317	6.05064	4.363941	3.66365	4.327733	4.784393	4.625365
5.113223	5.152085	5.340165	5.186627	5.889634	6.174277	5.256991	5.311738	6.026428
0.637885	0.39077	0.695961	0.345509	0.574997	1.029682	0.723971	0.550899	1.101073
5.047376	5.167775	5.997327	2.329348	3.897989	4.014597	5.899382	6.693339	7.189683
6.530567	5.554135	7.075654	6.909159	6.967151	7.137544	6.594059	6.607751	5.628458
0.518132	0.821191	0.459353	0.303644	0.148511	0.13909	0.127801	0.568433	0.324001
3.282403	2.93613	3.18488	2.668394	2.889512	3.33292	2.109528	3.057478	2.899033
2.740415	0.130764	1.781437	1.638365	2.46298	2.850482	1.592665	1.674257	1.902656
2.254667	2.542314	2.672443	2.3105	2.661389	3.359321	3.032901	2.035448	2.248623
3.390894	3.108894	3.656871	3.534901	3.026536	3.893626	2.319769	3.187155	4.305202
2.277217	1.556819	1.985273	1.693526	1.318859	1.345413	3.198069	3.588973	2.685556
1.488022	1.977211	2.977562	3.014112	3.08836	4.136709	1.404029	2.864694	2.49203
2.685506	3.064701	3.231157	2.596111	1.656331	4.373304	4.224998	3.936143	3.766293
9.359936	9.113628	9.251767	8.948656	8.845012	9.802734	10.23813	9.204334	8.629563
3.698021	4.048115	4.412255	4.178289	3.708289	5.687956	4.605953	3.901928	5.188592
2.932602	0.907003	3.777478	1.721453	2.961628	4.230393	1.444912	2.595715	4.392741
8.361907	7.358757	9.040123	8.674216	8.949412	5.873858	5.70472	7.660164	5.246142
4.327779	3.249375	3.523763	3.234415	3.386456	2.860945	3.848424	3.084493	3.77293
2.992757	3.549286	3.262056	3.54832	2.288637	1.78398	3.959455	3.721125	3.433976
1.7964	2.828209	1.826491	1.182895	0.383425	1.626708	0.84635	1.456162	0.869922
2.195054	3.417553	3.133782	2.957342	2.239504	2.44235	2.925111	3.123358	2.369945
3.89502	4.317093	4.0723	4.131775	3.924248	4.078394	3.977865	3.797323	3.796657
2.330096	3.195728	2.775157	2.86039	2.56645	3.174758	3.431736	2.935229	3.375354
1.20774	2.02523	1.885728	1.990128	0.673594	2.021518	2.451422	2.041248	0.936945
3.073388	1.991989	2.923573	2.633727	2.135772	4.140351	3.864165	2.649927	2.607403

1.732054	1.230131	1.33279	1.481389	1.189563	2.149846	1.19687	1.81984	2.154253
2.821528	3.171868	2.986316	3.298434	2.010869	3.170732	2.823856	2.947424	2.043399
6.342895	5.236637	4.14686	3.524289	3.269025	8.051595	9.881017	5.023644	3.337094
4.519045	4.011303	3.96085	4.428244	3.462558	3.342666	3.537326	4.279826	4.869965
1.086238	1.262295	1.140629	1.141864	0.640508	1.80269	3.666295	1.135521	1.416708
4.527503	4.982947	5.123975	4.595291	3.64425	5.27845	3.984077	4.689722	5.813618
2.374984	1.939511	2.598157	1.465015	2.230376	1.587338	3.279697	1.767512	4.894995
3.848108	3.267972	4.226107	4.504986	5.401926	5.218034	4.921647	3.797945	4.365634
4.919914	5.186707	4.843706	4.898807	4.436602	4.483817	4.045236	4.681332	5.104608
4.031079	5.255261	5.473199	4.370572	4.689956	5.422696	4.429655	5.613023	4.756296
5.210903	4.376028	4.67338	4.300837	4.918537	4.596839	5.709257	4.813717	3.941721
5.395585	5.342758	5.026763	5.807469	4.671895	4.999796	5.405919	5.067723	5.835443
6.678355	7.629266	6.767155	7.867659	6.385721	5.819685	4.223782	6.128718	3.688299
3.426484	2.595891	3.833383	4.728683	4.115911	8.68741	4.014906	5.146026	5.089015
3.110498	3.615023	3.192935	2.705406	3.293062	4.169869	4.823224	3.346032	5.612254
6.606983	5.032475	3.541811	5.639693	4.896711	4.18176	5.199824	7.01039	6.343166
1.396415	1.755657	2.044291	1.563146	1.77234	2.733821	2.489159	2.323498	3.062651
2.907099	1.791659	2.164333	2.551795	2.397565	3.538752	2.979075	2.267141	3.280406
3.503882	1.67144	2.023804	2.525467	1.891293	3.806817	2.121882	2.515161	3.192138
3.663318	2.203962	2.670221	2.105438	1.813353	3.950497	2.615688	2.042947	3.369329
0.093326	1.990178	1.084509	0.505735	1.172051	1.174672	0.130028	1.154176	0.14536
5.641248	5.295858	5.211127	5.262696	3.998186	3.970796	5.911203	5.395944	5.940008
4.044894	4.158313	3.937887	4.642592	5.02192	4.071362	3.661839	4.583546	4.93423
5.664766	4.599085	5.336265	5.191231	5.266705	4.884479	5.373591	5.585306	5.51135
0.060319	0.452038	0.270523	0.313627	-0.01908	0.025707	0.080032	0.151783	2.547518
1.774551	1.306153	1.782731	1.670204	5.741894	0.763359	0.761354	1.583984	2.942096
4.250269	4.699872	3.986508	3.923032	3.663257	3.378358	4.162974	4.238786	4.119366
3.452534	1.291861	4.716795	2.652353	6.830877	5.363757	1.719803	3.415406	5.581221
2.083556	1.451523	1.896072	2.199954	1.316621	2.164395	1.200901	1.855446	3.079656
2.716515	2.846863	2.79618	3.016137	2.40212	3.862533	4.246934	3.648794	3.305589
4.770737	6.292868	5.391159	7.484737	5.721179	5.268171	7.576888	6.578444	6.882095
2.410408	2.133376	2.720992	1.875389	1.954776	2.795023	2.645206	2.770429	2.28109
0.571673	0.327624	0.292581	0.329312	0.025171	0.448679	0.852329	0.808261	0.808855
5.29022	5.842795	5.447223	4.232628	3.452307	4.359765	4.047479	4.747707	3.889993
2.026999	2.62171	3.452226	3.150164	3.207438	5.148098	4.326991	3.495616	3.696415
3.773801	6.428881	6.558774	4.047342	1.49221	1.543372	2.454108	4.810378	1.651391
1.362632	2.699861	1.560581	1.945695	1.477213	2.57164	1.814097	1.57343	2.855038
0.302394	0.169359	0.220779	0.094929	0.193858	0.975076	0.241638	0.329153	0.431299
5.914386	5.078179	5.573879	4.512431	5.540646	6.414028	6.093683	5.81158	5.693676
7.166629	3.468909	4.275575	2.987168	5.551485	7.202155	3.6656	4.883416	4.422389
5.418906	5.552484	6.31185	6.714671	7.407415	6.418994	6.193611	6.140825	5.851729
5.716184	4.268536	5.018553	5.993299	5.380878	5.533364	5.737399	5.582584	5.852494
3.916577	4.98855	3.595586	3.331142	3.857337	3.552795	4.604971	3.449565	4.373339
2.779893	1.265119	2.359998	2.873073	2.052276	2.869655	3.37777	2.545301	3.471737
3.846704	3.833446	3.551478	3.786198	3.302401	3.674169	3.639133	3.81881	3.899714
0.244836	0.134328	1.080692	0.430099	0.347585	0.268914	0.765438	1.139593	0.348206
2.272407	5.22363	3.237811	1.090881	0.74954	0.406999	0.394998	2.155348	0.135117
1.607987	1.752719	1.354388	1.648568	0.219247	1.446359	4.934507	1.689534	1.650455
1.415032	1.853308	1.635429	1.156599	1.748822	5.602942	3.303767	1.410624	1.534183
6.102216	5.61034	5.675386	6.900492	6.375209	6.774783	7.002955	6.292663	7.154698
3.968218	3.558111	3.095492	3.555974	3.532938	3.322394	3.608342	3.551638	3.325268

4.384111	5.67818	4.670592	4.259078	3.838915	4.844569	4.245961	5.205493	3.787703
3.561067	3.60559	3.63552	3.351749	2.079936	3.425469	3.834037	3.725811	4.150827
2.19469	2.970722	3.67638	3.0612	2.985207	3.330043	3.556474	3.495624	5.85157
2.249619	3.61227	3.334034	3.053285	2.397318	4.503227	4.240897	3.126512	2.48711
5.263368	4.46684	5.36996	6.039185	4.606697	3.917949	5.015051	4.91944	3.445747
3.63681	3.655381	3.89455	5.149707	6.119256	2.558425	4.828142	4.157065	4.39733
2.341313	2.03931	2.272286	2.533671	1.3461	2.473076	2.220756	2.200435	2.744973

TCGA-HT	TCGA-DU	TCGA-S9-	TCGA-DU	TCGA-TM	TCGA-P5-	TCGA-E1-	TCGA-E1-	TCGA-S9-
0.750494	0.441283	0.2274927	0.287142	0.991003	0.772435	1.783078	1.389533	1.032912
1.709491	1.459839	1.6246246	1.556989	1.999309	1.222714	0.64502	2.782898	1.993331
5.396522	6.121509	7.1180735	3.860811	5.933597	6.590214	4.363628	6.730394	5.636459
2.696694	3.762523	5.0308499	2.586156	6.166927	4.276075	2.16002	4.657795	3.239593
1.782742	1.081612	0.9983394	0.762894	0.879091	0.874883	2.621084	1.232232	0.794319
5.774166	6.53071	6.468404	6.565827	7.231994	7.132337	5.615723	8.794066	7.222703
5.353685	5.98273	5.9561847	5.824477	5.961045	5.753009	4.719862	7.729746	6.484737
2.350671	0.634791	3.7477632	0.536626	0.615736	1.17859	0.555312	0.657855	0.518863
0.169746	0.954551	0.1434392	0.170536	0.086321	0.019729	0.015258	0.432141	0.047643
4.92622	3.746503	5.842002	4.616858	4.891691	5.26304	5.287416	3.582907	5.392285
3.547051	4.30281	4.0934176	4.912007	4.064778	4.158449	5.502425	4.542943	4.83382
4.093316	2.586785	3.6214592	1.939482	2.584875	2.791254	2.681786	3.074274	3.00433
1.33387	3.267253	1.8043262	2.156799	2.79066	2.836626	0.896051	3.203947	2.904766
3.247986	3.41774	3.5090089	3.150217	3.716399	4.252222	3.006495	4.282379	3.583872
5.386395	5.411012	2.9502523	4.692977	5.53781	4.88968	5.298954	5.296966	5.240097
2.834759	4.150381	2.030874	6.312554	3.15596	4.028441	3.977433	4.333599	3.240794
0.517545	2.85665	0.355993	2.052334	1.911167	0.787303	1.109402	2.74136	1.80714
8.122416	8.067941	8.4434309	8.616064	8.241905	8.52929	8.315704	9.351978	9.232847
5.177275	4.15469	3.3172891	5.445268	4.561737	4.304215	7.919733	3.701954	5.442565
3.797437	4.168763	3.144869	4.010014	3.560997	3.627385	3.985543	3.389615	4.926025
2.862978	2.789006	1.9498123	4.207217	2.943057	3.786828	1.881353	2.32924	3.262482
3.561605	2.407224	2.8295753	4.335346	2.535686	3.062123	3.227962	2.877171	2.955334
3.047301	3.859116	3.2568572	2.531283	2.757134	3.007753	3.968024	2.747141	3.653132
0.329743	1.398141	0.3544957	2.670317	0.318192	1.009486	1.588957	1.913706	0.998079
3.68153	4.208984	4.3566817	2.436891	3.03747	4.005204	5.16956	3.593715	3.895023
2.376455	5.08482	1.017663	3.951291	3.298553	3.628858	0.915108	3.87459	4.153692
1.10952	0.49177	0.694306	0.463698	0.67869	0.603208	0.890724	0.551948	0.995513
4.885702	5.574986	3.8145655	4.60961	4.781357	4.365212	6.196787	6.080813	4.76715
4.930923	3.016158	5.4304406	2.527067	2.778808	3.221104	5.324908	2.517074	2.338874
4.352739	3.78595	4.1768977	4.235805	4.068329	4.272685	5.316408	4.86958	4.198439
1.879273	2.792192	1.2015406	4.223057	3.554474	2.300386	2.924326	4.774471	3.514289
5.143114	2.908272	6.0514479	7.33388	4.612554	5.665735	3.998545	3.445001	2.734445
4.880505	4.628678	3.9164262	5.461182	5.184329	5.190949	5.219863	3.221532	4.088464
2.748595	3.02183	2.4719542	4.938308	3.019243	3.797921	2.918004	3.463081	3.693752
3.812501	2.168525	4.6991081	2.658442	2.871518	3.921747	2.990076	4.23383	2.025374
2.341565	3.255179	0.973683	1.958784	2.293567	2.151072	2.597481	3.354834	2.278099
5.734209	4.86364	7.0325377	4.879334	4.96247	5.487639	5.792017	4.450954	5.412221
3.44731	3.959716	4.6001332	3.749577	3.927872	3.740309	3.52303	4.606572	4.691517
4.11133	4.522981	4.6837327	4.505979	4.571146	4.555401	3.599364	6.228593	5.769902
0.085894	0.23056	0.1072095	0.126702	0.112307	0.093988	0.084427	0.178094	0.119971
0.701557	0.999901	0.8556421	3.53719	0.254545	3.457871	0.982151	2.267685	0.584811
3.193634	1.670087	3.6907383	2.269954	2.740604	2.858239	1.864946	1.836283	3.207685
1.490074	4.836101	0.7828834	1.996918	4.351981	2.109373	1.300229	4.805527	3.658315
1.399416	0.880843	0.1940088	1.453187	1.156262	0.806098	0.156085	0.908301	0.951668
2.008882	1.119357	3.1554104	1.076961	1.276644	1.601121	0.752498	3.230504	0.67404
8.716745	13.96669	10.226208	9.88068	11.63447	10.66574	9.49881	11.68398	11.73249
7.180569	2.627962	7.5255962	2.8327	4.968475	6.494807	2.375753	3.144293	5.144859
4.789194	2.745365	5.6107309	3.9678	3.939708	4.390269	3.309034	2.405547	4.491015
0.545877	1.061516	0.5298591	1.079775	0.884039	0.531828	3.096855	1.533504	1.211341

1.04349	0.494153	1.0661193	1.494753	0.37807	0.791459	0.766983	0.322918	0.710223
0.502311	0.40015	0.6501991	0.274123	0.624973	0.397011	0.428398	0.770872	1.021172
2.205793	2.381056	1.9018154	1.548844	1.825726	1.40647	4.116981	1.961324	2.930634
4.391145	4.872452	5.0403644	4.947895	4.418654	4.594784	4.604987	5.819564	5.262393
3.325755	4.132772	3.9807117	2.835603	3.738528	3.927174	3.738672	3.623935	4.769731
0.113498	1.207891	0.0711542	0.243686	0.440605	0.3092	0.138173	1.298413	0.535856
0.391991	3.500263	0.5901444	0.994163	0.812357	3.317301	0.491125	5.023754	0.982403
5.563283	8.242539	7.1698929	8.950358	8.21833	7.842063	8.91214	7.638009	5.500236
8.355376	7.422741	8.3022828	10.07447	8.009457	8.775276	9.385382	6.734497	8.835994
4.63803	4.185174	5.5103989	2.197816	3.794854	5.144832	4.647088	5.599078	4.107137
1.044077	3.257844	1.5527189	3.299399	3.238088	1.24242	0.701673	3.096981	2.78112
4.445306	4.681097	6.9080553	4.736249	6.229202	5.84198	4.420874	5.282495	5.227697
1.292851	4.692256	1.6022714	1.791177	5.427656	1.759607	1.234555	5.89299	2.864298
3.830457	2.739242	4.1965024	3.79519	3.202089	3.411393	2.6901	3.307434	3.055247
1.124951	0.606402	1.7020919	0.402344	0.588951	1.337852	0.433221	1.82511	0.961099
7.651253	8.614989	9.2814293	9.399194	10.42359	11.60028	6.557228	8.887703	4.625391
2.867958	3.395751	2.122625	2.260693	2.761858	2.82176	3.367911	5.192169	3.216029
3.495492	4.106563	2.6833627	3.837035	3.128673	3.661543	5.943835	3.972167	4.734462
0.584232	1.167475	0.5885034	0.38899	0.896095	0.388739	0.955114	0.582586	0.943735
5.325661	4.817001	5.3327823	3.8323	4.933564	6.113843	4.900475	4.783216	6.200079
5.107837	2.976945	5.3520035	2.95357	3.232818	3.82457	3.249468	3.258444	3.204082
1.691151	4.216357	1.2393838	1.5984	3.820502	2.339289	1.171617	4.053583	3.674908
3.235472	3.401131	2.7269829	2.998174	2.333767	2.640159	4.74913	3.599807	2.602781
6.342415	3.492817	7.4769252	3.538433	4.194532	5.225593	3.769124	3.709822	3.875373
5.641468	5.645358	7.7135797	4.004549	5.899245	5.968388	1.361256	6.010878	2.647591
4.248149	4.594877	5.6550678	1.065654	3.315615	2.861797	2.505428	1.242334	3.752837
2.192697	3.358813	2.0842812	3.596849	4.110191	3.920279	0.718908	3.169025	2.084585
2.229448	3.013552	1.0160016	3.986598	3.30832	2.848674	2.543147	4.459086	4.421086
3.363031	2.736773	2.0700309	2.82229	2.128	2.191443	3.817477	3.216692	2.670559
4.264641	2.608632	4.5857872	3.833535	2.678728	3.066617	3.863129	3.136744	3.094167
2.170614	2.05975	2.2135858	2.153188	1.856331	1.764485	2.116356	3.490696	1.478673
3.153556	4.257991	3.1565793	3.169139	4.066615	3.658929	3.978663	4.006658	4.216592
6.328979	7.681395	8.4696006	9.122089	8.079246	7.802353	8.466632	7.20262	8.169385
1.862668	1.031192	1.6966609	1.068164	0.686655	1.05488	1.097209	1.110928	1.337544
4.537877	4.490012	4.7241247	4.505915	5.053137	5.241282	6.26138	5.01523	5.97201
0.726185	1.098841	1.0052817	0.715626	0.914101	0.60375	0.489054	0.194132	0.312916
3.463367	3.151015	1.841196	3.743988	3.09833	2.147975	3.247289	4.366753	3.441368
1.144083	6.687358	1.4919575	2.304146	3.873328	4.653577	1.580393	4.042544	1.342702
1.855932	2.732212	1.5564789	2.405012	2.385015	2.043337	3.132746	2.606596	4.522072
2.061796	2.865626	2.1587293	2.963095	3.484847	3.035229	3.291321	5.446289	3.24199
3.503495	5.578471	3.9463219	5.679115	4.276347	7.14517	1.480565	5.376467	4.751188
0.275157	1.62209	0.8804255	0.389971	2.397233	0.476235	0.113802	0.444082	0.758377
1.625471	5.304119	1.9178352	2.454176	5.58055	2.917202	1.644958	4.929073	4.817367
0.008466	1.993169	0.3724608	0.860544	0.481361	0.49295	0.186635	2.41136	1.348526
2.611347	6.182298	2.3620029	3.579576	5.23972	5.368252	2.399452	5.38723	5.402112
1.91242	1.714354	1.4713618	1.047933	2.449936	1.790691	2.509397	2.380347	2.412697
3.92681	2.739215	4.6281076	3.489448	3.403829	3.362748	3.719704	4.286068	3.672474
2.48447	3.197897	3.7185487	2.731078	3.329126	2.939354	1.799256	3.649612	3.630657
5.520145	5.899968	3.2241811	6.546968	6.027914	6.98379	7.562385	6.450369	4.993113
2.040545	5.215522	1.318935	2.583458	4.764561	2.429134	1.46679	4.852334	3.943849
6.534931	4.661934	4.7552002	7.046578	7.9505	6.869299	5.848362	5.602212	6.687164

1.378768	2.893847	3.2445235	3.885502	3.479279	2.916801	1.003251	4.42058	5.024989
1.753994	2.846708	1.6757381	1.702821	2.237923	1.904256	2.536891	2.797015	2.931423
2.940311	3.366483	2.3094442	2.376847	2.215439	2.886415	3.884478	3.999737	3.874449
0.04231	1.362485	0.0910385	0.015919	0.867664	0.128641	0.250856	0.637871	0.732053
8.520611	7.515084	9.5288947	8.212131	8.569733	9.233278	7.737725	8.174957	8.098088
4.333899	5.216127	4.7670386	6.674975	4.139227	5.677386	4.8781	5.466704	4.73949
2.388069	3.53174	2.8253248	4.954452	2.483537	3.633026	4.054602	4.000071	2.362491
0.506884	1.596775	0.7530917	1.43538	2.433343	0.587254	0.196644	1.556435	0.870259
4.553679	3.780335	3.6687622	4.904605	3.236768	3.427335	5.317736	3.711561	5.306159
1.003798	4.331721	0.8043931	3.115531	2.482294	3.703504	0.591201	5.430611	1.247563
3.109975	1.755024	3.288423	1.955515	2.711433	2.633449	2.938682	3.342083	2.394386
2.789753	3.40466	2.128645	3.495618	2.579806	3.194315	3.563673	3.047617	4.633226
0.457216	0.027471	0.9193235	0.071083	0.247171	0.164872	0.074458	0.076129	0.032893
0.037056	0.07215	-7.30E-05	0.191064	0.083575	0.089886	-0.06091	0.213165	0.334223
3.166624	4.845913	1.7305401	0.324512	4.763426	4.369009	0.991344	4.390595	3.250747
2.352927	1.143251	1.8358335	1.255477	3.840993	4.843956	1.890813	2.270438	2.07137
3.625171	2.888095	1.5478263	1.64665	3.662129	2.240658	1.275934	2.730237	1.831236
2.757323	2.097053	1.8502057	3.060587	2.383552	2.211741	3.526984	1.953763	2.63228
3.206746	4.904293	3.5663209	2.305146	3.163074	3.237225	5.405363	4.380564	4.23056
6.256374	5.996066	6.6847511	4.794292	6.95886	7.601765	6.024232	4.951364	4.089915
0.092799	-0.02807	0.1970189	-0.02075	0.001436	0.476539	-0.05326	0.146089	0.060356
0.406354	2.130244	0.6756849	1.869411	2.398502	1.390818	0.398492	1.733629	1.558715
3.168614	3.034749	1.3363238	2.388822	2.638229	1.797321	3.531787	3.524789	2.581986
8.097586	6.233387	9.1845732	5.118406	6.979054	7.116682	8.96971	4.611228	7.372567
0.115536	0.055093	0.154315	0.015127	0.015655	0.15074	0.186494	-0.00587	1.464404
1.083295	0.547819	2.08537	1.144491	2.131796	0.317618	0.088938	1.445324	1.114032
4.032307	3.370969	3.2370879	3.756705	3.066748	3.162924	4.306346	3.61208	4.439985
5.874415	4.744091	7.6180265	4.306567	5.636853	6.137289	4.693226	4.373348	5.35697
5.828127	4.948415	6.0536061	4.971897	4.725622	5.170236	4.434712	4.691843	5.158733
4.483201	3.70078	4.3470333	4.546574	4.85895	4.680564	3.294887	4.632513	3.262626
3.919267	4.56074	3.067067	3.793714	3.76666	4.407768	4.559834	5.646783	4.56549
0.61196	1.297957	1.3032247	1.482257	1.393303	1.299561	0.852316	3.050569	1.413782
3.475922	5.768469	5.5682734	5.928817	7.32828	4.089027	2.100174	6.460388	6.377093
0.166717	0.000681	0.2692611	0.000681	0.01984	0.016705	0.000681	0.024191	0.000681
4.828226	6.088524	5.9209445	6.688071	6.840903	5.8498	4.834368	6.715135	8.340829
4.227379	3.573477	4.4819782	4.297927	3.478065	3.850884	4.222871	4.553804	4.116114
3.8007	5.180062	2.7630963	5.632182	4.680852	4.697775	4.082542	5.597452	5.522939
1.978597	3.367961	1.8174536	1.623386	2.838149	2.023616	3.17429	3.089217	2.890129
4.135786	9.400937	5.2471057	4.491066	4.565536	5.400211	3.927372	5.767953	5.754489
1.829329	3.791674	1.3560673	2.121898	1.718023	2.746637	0.690714	3.52082	3.339872
1.550197	0.080677	1.5251972	0.017077	0.263956	1.552373	0.020469	0.007441	0.057663
3.016121	4.77273	2.3322117	4.423631	4.080896	2.918914	5.723507	4.089623	4.494042
0.098748	0.437361	0.1553638	0.143757	0.334759	0.284012	0.387368	0.292118	0.364089
0.462821	0.135179	0.6934947	0.904459	0.304126	0.094175	0.079152	0.184171	0.249592
5.081663	5.585619	6.9187605	6.18271	8.233849	6.713113	4.597081	6.385576	6.359711
4.66868	2.82617	3.1640391	3.148383	3.626693	3.58746	3.594748	2.535943	3.156402
2.814812	3.95795	2.7714602	3.18571	2.26238	2.790504	0.92828	3.748363	1.88027
1.675953	2.339306	2.0691509	1.19452	1.210073	1.658068	0.39178	1.500862	1.097329
5.549662	8.450734	5.8991779	6.137499	8.12206	6.720727	4.232382	8.27327	8.528051
0.066415	0.090932	0.4174761	0.046635	0.012251	0.072279	0.012251	0.082543	0.10125
0.909333	3.763454	0.9922281	2.065794	3.20317	1.943313	0.819833	3.338297	2.634337

2.633486	3.498453	1.6866246	3.100812	2.306761	2.763241	4.406959	3.541298	3.187186
4.797174	7.243693	5.5550099	4.543222	6.065625	6.873158	5.136876	6.856774	5.896763
0.629986	0.781807	0.5437788	0.169262	0.432224	0.695784	0.186926	0.337799	0.235992
0.157495	0.403364	0.1500265	0.29119	0.241202	0.20562	1.322948	0.227132	0.368044
4.319165	4.677132	1.653227	3.660146	4.148767	4.210918	6.321384	4.270261	5.030099
6.983941	4.945705	8.368464	4.085289	5.451367	6.253461	4.317533	4.116131	4.57844
0.113603	0.067561	0.0639098	0.163588	0.068091	0.046444	0.095664	0.052325	0.353518
7.132879	9.406282	8.3585904	10.39477	9.89706	8.94795	10.93009	8.750709	9.393245
3.786391	4.151752	2.8377169	4.677183	4.083104	4.483506	5.473564	5.344425	5.281131
4.364268	2.078304	3.4929929	2.216273	5.014369	1.144124	0.394292	2.676582	1.304787
2.848243	8.935322	6.1519074	7.57426	8.175972	7.088672	3.819754	9.325465	7.599509
3.785695	3.61606	3.5059522	1.555579	3.314253	3.163123	5.023851	1.968488	4.071446
4.305143	3.218857	3.3001996	3.441103	3.244641	2.841189	4.070902	4.10946	3.371506
0.993147	4.650651	0.5469723	1.960288	1.587422	0.996619	2.07558	3.176551	1.502842
0.105002	0.042041	0.1395472	1.198173	0.042829	0.041233	0.857375	0.126265	0.063397
0.939829	0.719595	1.8804546	0.803558	0.428112	1.16376	0.685253	2.343886	0.283299
4.620222	6.00068	3.9133644	5.843487	5.638087	5.201238	5.426108	5.708479	5.888145
2.113408	4.837157	2.7577924	7.222838	2.502914	6.732023	2.492	7.273337	3.323318
0.696234	3.475491	0.4522125	1.916947	2.622357	2.70558	0.464789	3.720898	5.925641
5.201687	4.475647	5.7677741	5.205191	4.682846	4.793397	5.509781	5.991044	5.703722
1.59673	1.848486	0.5287213	0.806521	5.403498	0.884468	0.126073	1.781857	3.208397
4.768716	4.663262	4.7501825	6.324081	5.062755	4.552517	2.940552	5.312391	4.519296
0.433446	0.846786	1.6677351	1.658243	1.526598	1.80679	1.133699	0.946392	0.632043
3.06603	3.411816	3.4934061	2.616013	3.609274	3.218029	2.647185	3.04129	3.562246
1.090831	1.861235	0.6876874	1.555572	1.335471	0.98089	3.205558	2.125819	2.069083
0.701843	0.598294	0.0475512	0.522119	1.70496	0.482028	0.365536	2.20563	0.673252
4.602033	2.917061	4.1842141	2.830671	5.570611	4.864514	3.525597	3.232538	4.438899
5.123156	6.302691	5.3706546	4.17261	4.68541	5.664526	4.939661	5.50959	6.831352
0.566731	1.584645	0.2567541	0.520227	1.422965	0.567247	0.489423	1.753318	1.584308
3.880822	5.449284	5.7118942	4.834635	6.745123	4.186617	3.43133	6.468621	7.280269
6.705046	6.392206	5.4236927	7.300666	7.480347	7.076811	6.308034	5.744935	5.635372
0.368985	0.19454	1.0040875	0.244969	0.148214	0.267903	0.065888	0.344491	0.048273
3.236541	3.318929	3.2386985	2.571639	2.935827	2.930383	2.343447	2.597199	2.866711
1.650306	4.370749	0.8481251	1.895384	3.160093	2.699708	0.745534	3.841901	2.314722
2.364706	3.596897	2.3304281	3.083321	2.662799	2.890309	0.986711	3.734413	2.521356
3.666675	2.776609	2.8920926	3.452525	4.288004	3.712597	0.679147	3.844683	2.444902
0.9878	2.004477	2.6825087	3.428113	5.298577	1.540066	0.537306	1.840769	1.12921
2.004442	2.597828	1.7605574	3.708689	2.792349	3.376186	0.468265	3.874352	1.425188
3.758948	4.13617	2.4463497	4.170189	3.199117	2.556653	4.997693	4.026809	4.134306
7.436221	9.500458	9.9810269	8.19768	10.33639	8.901102	6.668747	10.02135	10.94938
4.382072	5.91247	3.6723859	6.238901	3.922313	5.124927	3.566836	4.850632	4.073887
3.176151	4.889413	1.537629	2.724049	4.513859	2.331915	1.209261	5.357687	4.466122
7.96977	6.001581	7.758914	8.578136	7.040589	7.965368	5.15263	5.277998	5.845353
3.195474	3.010199	3.3514165	5.205243	4.237805	4.066127	2.997316	4.524522	2.479882
4.046742	1.941708	3.3891586	2.312247	2.993216	3.123274	4.016247	1.539159	2.938025
1.66899	2.575279	3.0306535	1.164011	1.088592	2.224567	0.761219	1.311295	0.376025
3.362543	4.13886	3.006281	2.478859	2.281404	2.624517	3.316163	3.159864	2.711876
3.903545	4.295818	4.1474597	3.144739	3.610257	4.748631	3.837248	4.312463	3.683843
3.32657	2.922575	2.8144134	2.795662	2.638621	2.629089	3.465907	2.933701	3.635468
2.193999	1.421052	2.3981071	2.295647	0.921592	1.919976	1.30646	1.641282	2.611736
2.409659	4.762937	1.3734107	2.714291	4.104779	2.448624	3.143855	3.452047	3.890717

1.702628	1.862029	1.1872742	1.606715	1.260461	1.22893	1.521742	2.223879	1.410142
3.651257	3.08372	3.397785	3.986953	2.916185	2.02771	3.877894	2.608471	2.332607
4.315814	3.592772	5.488074	3.480552	4.907264	5.23929	2.906002	9.174284	3.437324
3.640328	4.258912	3.6121103	4.365606	4.148546	3.812659	5.287858	3.293408	5.111638
0.811529	2.306659	0.6690803	1.506429	1.043031	1.575634	4.143714	2.805532	2.034254
4.417715	5.143019	4.6033169	5.029889	4.162721	4.0943	5.794161	4.469979	4.767137
1.789932	2.800315	2.0266273	2.876983	2.161314	3.299452	1.771289	3.47965	6.402204
3.598127	5.137265	3.0703993	4.231902	4.542534	4.776448	5.080425	5.925997	4.817938
4.9331	3.869334	5.0471754	3.637319	4.220348	4.376226	3.996745	4.607366	3.776247
5.928089	3.157431	5.095233	5.410407	3.948525	4.576391	2.875362	5.466517	4.229126
4.469332	4.165989	4.7514233	6.595332	4.566192	4.713599	4.367868	4.884715	4.522201
4.701866	4.510867	5.427389	5.246114	5.199278	5.33705	6.00879	6.352821	5.532458
6.176381	6.856427	7.8322961	3.352154	6.3694	6.319504	4.724341	1.26464	5.49093
5.180081	8.401002	2.6116747	5.282775	3.087136	3.421519	5.352268	7.83259	2.97923
3.09255	4.148675	2.7712766	3.649458	3.531636	4.124076	3.378592	5.105032	4.628006
5.714138	2.36664	4.8630811	5.724153	6.491983	6.019735	5.953036	6.150679	6.177332
2.749091	1.669813	1.3293727	2.056743	1.666503	1.922833	3.206953	2.895146	2.588705
2.061371	2.978597	1.6889336	3.844445	3.591562	2.788926	3.148539	3.800068	2.97902
1.492744	4.26592	1.9573582	2.694686	3.170692	3.297123	1.326105	5.241175	2.963717
1.604713	4.721433	2.3137235	2.684194	4.611817	3.131277	1.124996	5.627364	3.350138
1.412204	0.176493	2.4598906	0.179318	0.290004	0.693268	0.08625	1.701764	0.191473
5.318876	3.97069	5.1367629	5.558195	4.848261	4.398508	5.305124	5.12452	5.504531
4.17399	4.024449	3.9340179	3.034134	4.139538	5.153994	3.455741	3.283799	4.235346
5.362823	4.642808	4.1817365	5.529957	4.83987	4.753746	5.600508	4.38075	5.641231
0.199995	0.007728	0.6524254	-0.0932	-0.05992	0.190711	-0.14226	0.869723	0.978777
2.317897	0.67993	1.7692271	0.654384	2.017596	3.927884	1.602361	1.220439	2.176681
3.251547	2.880199	3.8925104	2.943472	3.223251	3.051839	5.639434	3.247839	3.599058
2.37596	5.709343	0.6471494	4.060089	5.460952	5.23269	1.525406	6.869261	6.731215
1.923621	1.835809	1.6613166	2.483946	1.82823	2.06055	1.299474	1.360199	1.648054
3.272372	3.542435	2.1749986	2.38784	2.485698	2.410053	3.470332	3.097163	2.99062
5.623188	7.926341	5.185958	6.492734	5.22124	6.404144	7.753742	5.307366	5.954663
3.466966	2.285009	2.3931472	2.043412	1.793917	2.321279	3.851544	2.811186	3.318584
0.48862	0.414305	0.275956	0.80352	0.462544	0.338401	0.561626	0.686849	0.957969
4.644755	4.700231	6.0938297	4.41356	4.222683	4.905919	5.757664	4.758516	5.017504
3.581819	4.848458	1.9211579	3.972447	3.037039	3.518225	4.493141	4.72559	3.912941
6.30342	1.261962	6.9480722	1.16067	2.45743	4.320668	0.857759	1.032521	0.64072
1.178249	3.395113	0.8395589	2.360717	2.416256	2.379003	1.979742	3.560873	2.458602
0.206057	0.115023	0.3107907	4.577638	0.149192	0.149592	0.027719	0.157379	0.087
5.394474	5.806328	4.5752771	6.594606	5.698926	4.445939	6.692307	6.029475	6.305796
3.503629	8.896665	3.7793701	5.115742	6.068281	4.900964	3.338763	6.672001	6.039578
5.332959	6.851545	5.3042574	7.214842	6.190117	6.940069	6.099151	7.962385	6.816426
4.172259	5.047744	4.8446442	7.319927	5.688312	5.145354	4.903991	5.836946	4.741407
3.193761	4.272448	4.3683557	2.476095	4.521549	3.946626	2.729086	4.385355	4.346066
2.957506	2.310333	1.055236	3.178655	2.638482	2.835292	3.684715	3.708872	3.314326
3.370353	2.385999	3.6325974	3.252689	3.339884	3.319477	3.570105	3.758959	3.955944
0.294676	0.327043	0.1693348	0.021836	0.642509	0.178425	0.014204	0.045575	0.252211
3.182422	0.245795	6.0542549	0.142424	1.749091	2.539015	0.147339	0.132142	0.145692
1.186535	2.183575	0.3303412	2.826071	1.269394	2.258668	4.91955	3.577586	1.953725
1.192762	1.605849	1.7950131	1.987468	1.762572	3.730404	0.911574	10.29883	2.959751
5.249305	6.455087	5.3736082	7.193282	6.436088	6.762787	5.431639	6.968087	7.176093
3.219836	3.280027	3.4311117	2.835966	3.773484	3.512939	2.893922	3.083891	4.351356

5.103657	3.496299	5.0423454	4.651687	3.3988	4.348905	3.013109	4.007877	3.336975
3.143582	3.062767	3.4084953	3.659782	3.111754	3.47799	5.485842	4.348678	4.359676
4.242137	3.07323	2.6697021	2.493708	3.43557	2.534171	2.48431	2.954803	2.831705
3.007545	4.853726	3.2815178	5.004355	3.046182	2.55697	3.96428	3.761455	2.614988
5.551287	3.092025	4.4357047	5.394658	5.666602	4.944584	3.94492	3.568371	4.013118
4.219496	2.118619	3.8453999	4.015043	5.562695	3.82639	0.628767	4.194872	2.090916
2.376474	2.265238	1.9775572	3.084093	2.022742	1.967366	3.553664	3.379161	2.082254

TCGA-DU	TCGA-FG	TCGA-DU	TCGA-DB	TCGA-DU	TCGA-TM	TCGA-E1	TCGA-DU	TCGA-HT
0.916695	0.787415	0.635362	0.570685	1.266628	1.123974	0.702567	0.724134	0.556123
1.383268	1.864463	1.120528	1.548907	0.308849	1.110292	1.154536	2.231788	1.699002
4.872703	5.498282	6.402698	5.121574	4.575772	5.802781	5.304923	5.30506	5.301117
6.037816	6.164056	3.293064	3.145153	1.56413	4.197723	4.519708	3.857096	4.628695
0.343162	0.565094	1.004159	0.466972	1.831277	0.842659	0.706954	0.947232	1.466753
6.085419	6.840262	7.112578	7.719877	6.949787	7.197504	6.041468	7.666546	6.993356
5.522205	6.898322	5.762469	6.375794	5.415015	6.091369	5.307573	5.824749	4.933147
0.942864	0.710229	2.102458	0.540939	0.805027	0.59371	0.871301	0.616458	0.563062
0.238822	0.067574	0.15325	0.125207	0.097919	0.337084	0.073237	-0.01702	0.126008
3.585352	3.321229	6.560322	5.047312	6.624631	5.48142	5.495224	5.999102	4.613884
4.233433	4.165427	5.884439	5.130542	4.666709	4.464185	4.990672	4.696937	3.68841
2.617035	2.421842	3.164263	2.19884	4.590879	2.603619	2.399605	2.670594	2.469814
2.805987	3.561637	2.59316	1.879391	0.894596	3.962235	1.432494	2.281828	1.948145
2.465327	4.300635	2.895142	2.872173	2.827048	3.254068	3.221346	3.04164	2.802969
5.10392	5.493186	5.008712	5.355629	4.441649	5.627884	5.351287	5.228347	5.330447
4.530248	3.83759	3.357351	2.926677	2.131264	4.045871	3.486533	3.31522	3.207396
1.651509	2.237458	0.521709	0.788817	0.442663	1.155858	0.728472	1.129372	1.054633
8.415205	9.820283	8.021488	8.185078	6.789919	8.868072	8.421806	9.315246	7.999797
6.464977	3.019797	4.139873	4.567518	6.191693	5.148916	4.173933	5.558847	5.427849
4.279557	4.066047	3.692792	3.251756	3.940787	3.295531	3.571313	3.993071	4.037749
2.576066	3.491409	3.404569	3.107778	3.71286	2.754286	2.86841	2.531088	2.80706
2.603591	3.32866	2.927464	4.173623	3.635681	3.277104	3.324692	3.508423	4.253159
2.882	3.048727	2.327217	2.157564	3.0514	2.942476	2.771324	3.276077	2.777316
0.395138	0.383585	0.293983	0.372538	1.126542	0.474045	0.938228	0.506097	0.621784
3.641114	3.541732	3.825128	2.150296	2.696334	3.566571	2.732125	3.733146	2.662603
2.582954	3.338032	2.013185	3.04503	2.83277	3.782793	2.630481	2.702164	3.448758
1.057408	0.580883	0.519444	1.207362	0.958697	1.014283	1.061431	0.883669	1.66305
4.378683	4.198243	4.469187	4.896567	4.234622	4.219448	5.42623	4.583429	5.313333
3.203117	2.20665	4.004563	1.815642	2.62632	2.307232	3.425479	2.630912	2.052229
4.488174	4.251358	4.280032	4.584445	5.415181	4.410829	4.269513	4.61872	4.165013
3.400878	3.929395	2.396422	2.415627	0.129831	1.91208	2.42047	2.855402	3.136748
3.243224	3.216325	5.55307	4.579914	5.158242	4.890326	5.368973	4.111955	3.214126
4.657374	4.554285	4.936518	5.856501	3.165189	5.043069	5.460401	5.157921	6.413324
2.874364	3.467581	3.328295	2.620038	4.097654	2.808779	3.207963	2.31925	3.105781
2.429514	2.858428	3.621214	1.394046	3.509013	1.601879	3.048772	2.702524	1.859737
2.558077	2.477532	1.743271	1.761417	2.873588	2.294317	2.008599	2.535609	2.830267
4.678798	4.878557	6.83126	5.771164	5.032242	4.974038	5.89326	5.235196	5.356083
4.130444	4.18443	4.156968	3.7155	3.327545	3.510521	3.611683	3.196511	3.3158
4.39882	6.157418	4.876155	3.861455	3.84092	4.566616	4.313766	4.082573	4.975644
0.074908	0.104847	0.060612	0.084928	0.1147	0.075541	0.089815	0.115094	0.09017
0.466089	1.159211	1.390692	0.672145	1.292548	0.832259	0.988636	0.36432	0.587924
2.540646	2.614089	3.562144	2.491886	2.577111	2.095611	2.211755	2.313917	2.379333
3.868221	4.699261	2.448602	2.148284	0.53625	2.608969	2.993477	3.317172	3.467262
0.871137	1.735745	0.395738	0.816364	0.519662	1.887128	0.75981	0.617883	0.827681
1.212307	2.208947	2.13	0.588305	0.787569	1.060009	0.614662	0.618642	0.319947
12.69969	12.6561	10.22654	10.39489	7.729233	10.1597	10.1048	11.59735	10.40321
4.284511	4.0913	7.059138	5.6616	6.476422	5.687944	5.439788	6.138836	5.324805
2.635039	2.28373	5.055892	2.57599	4.752957	3.895304	3.994395	4.431948	2.950024
1.650304	0.91268	1.326555	0.541172	1.69884	0.928818	0.978489	0.93977	0.884303

0.67355	0.909099	0.791707	0.675951	0.450895	1.022272	0.76013	0.674053	0.3097
0.339157	0.729533	0.36067	0.474808	0.326161	0.675364	0.875762	0.655877	0.594004
2.759771	0.97306	2.374511	1.844257	1.989899	2.124685	1.98575	2.61781	2.439414
4.899898	4.146365	5.333765	3.441395	4.124377	4.267801	4.42845	3.95792	3.996456
3.92645	4.635168	3.749493	4.522503	2.786292	4.4063	4.505845	4.551427	3.641519
0.315037	0.54196	0.099228	0.17721	0.039991	0.151815	0.112094	0.578496	0.188357
0.736537	3.641387	0.430172	0.493606	0.547368	0.652098	0.517687	0.575987	0.66361
8.001153	8.442251	7.069347	7.856594	5.654334	7.292441	7.987994	7.166337	7.095289
7.994448	8.726235	8.582501	9.762883	8.590201	9.560468	8.869904	8.754343	8.55916
3.878797	3.881339	4.792552	3.460766	4.94666	3.993919	3.931923	3.502156	3.929483
1.686106	2.113712	0.360123	1.003229	0.646984	1.450228	0.661263	1.21802	1.483039
5.559209	5.033099	7.500199	6.333695	5.253038	5.582336	5.778289	4.682976	5.324963
2.844908	2.791095	2.047856	1.994681	0.567419	1.609827	1.051898	2.948937	1.116862
3.414403	2.566704	3.649919	2.925186	4.264499	2.43555	3.017999	3.143258	3.398713
0.615476	0.689976	0.769335	0.565902	2.850336	1.441536	0.814897	0.834126	0.756193
9.153709	10.2498	9.792868	8.227859	6.134983	9.877532	10.46691	6.891453	5.666386
2.889863	2.678329	1.887781	1.823563	2.737405	2.82183	2.13967	3.340826	3.678367
4.962829	3.779386	3.510242	3.342076	5.090409	3.723476	3.31649	3.707502	4.084687
0.686948	0.346673	0.26876	1.605686	0.720576	0.697226	1.503289	0.778762	1.62713
2.772365	4.939899	5.616587	5.367071	5.489426	5.361357	4.660183	5.608152	4.458188
3.437715	3.132785	4.30096	2.952303	3.857953	3.150761	3.299573	3.439562	3.013949
3.233811	3.615059	1.585697	2.434256	0.646294	2.066357	2.114519	3.521555	2.536223
3.81478	1.915463	2.422462	2.112172	3.076143	2.510778	2.423803	2.440431	2.522092
4.588919	4.282879	6.136336	2.998622	4.96961	3.757054	4.601577	3.833961	3.091202
5.300115	5.440005	6.957806	2.166972	3.516643	5.457274	5.099082	4.12892	3.242788
6.143003	5.938692	2.068637	3.185973	1.472065	3.588463	4.518104	5.580298	3.56561
2.263383	3.958279	3.844953	4.546506	0.590426	3.390513	3.559826	2.795696	3.518227
2.595117	4.070606	1.00198	3.199897	1.986211	2.673194	2.368168	3.351908	2.655492
3.008374	1.934543	1.97573	2.152798	3.55145	2.287007	2.257267	2.711249	2.865998
3.902651	2.826584	3.846829	2.687771	3.341969	3.338658	3.424158	2.441678	2.890427
2.421267	2.594829	1.932025	1.68249	2.169473	1.805241	1.753168	1.83646	1.829052
3.010145	3.606759	3.746301	4.365001	3.039282	3.732631	4.813882	3.522674	4.724333
7.13551	7.186103	9.050773	7.62065	6.42528	7.960649	7.553827	7.900503	7.6774
0.182926	0.636501	1.292417	0.742845	1.090142	0.630719	1.284739	1.046979	0.905871
4.817962	4.719971	5.611983	5.898714	6.015232	5.525491	5.470909	5.851416	5.654822
0.741559	0.84577	0.594968	0.435671	0.477018	0.410667	0.617933	0.248019	0.705596
3.402423	3.021749	2.321627	2.705595	3.749124	3.243463	2.967498	2.943607	3.655029
2.744194	4.734944	2.241987	1.720069	2.11313	3.482574	5.104162	3.513941	2.889986
2.290503	2.454763	1.592904	2.282318	2.411089	1.985741	1.595383	2.343404	2.307045
3.199429	2.879161	2.814342	3.183197	3.781397	3.291173	2.814911	2.833846	2.742669
4.824982	6.444743	3.52433	2.181376	5.935891	5.872909	4.222942	4.918995	3.265622
0.259023	1.176486	0.142311	0.158789	0.097176	0.260915	0.217872	0.927489	0.210856
4.346308	4.015864	3.433031	3.674486	0.583975	3.42685	3.556201	4.692085	3.845593
1.974191	2.731113	1.008674	0.202217	0.402296	0.499621	0.808268	0.001098	1.82405
4.810514	5.401094	3.113358	4.309893	2.889648	4.061712	3.818613	4.69236	3.494848
1.420388	1.124712	1.770605	2.699102	1.793665	1.990076	2.844352	1.689133	3.549198
3.515886	2.842416	4.216421	3.877016	3.773274	3.012105	4.17356	3.455934	3.867754
3.285146	3.638046	3.165457	3.49514	2.254526	2.534969	2.651965	2.889896	3.439283
6.275834	6.180375	5.588355	6.633887	6.35124	5.899772	6.529357	6.429569	6.253361
3.910455	4.065168	2.033771	2.534506	0.563929	2.193542	2.670188	3.505151	2.854413
7.166162	7.502491	7.331331	8.075606	4.556562	7.762244	7.885303	6.797548	7.831726

2.368895	4.364632	1.313686	1.398626	1.703906	2.092298	1.680608	3.591347	1.418676
2.006063	1.730269	2.005673	2.292826	1.91749	1.6566	2.393489	2.063096	3.324519
4.17844	2.858533	2.750163	2.717364	2.018954	3.141652	2.759795	3.532638	2.638433
0.9804	1.032692	0.004927	0.319326	0.002704	-0.01725	0.308772	0.657138	0.012167
7.934385	8.217741	9.436205	8.448375	7.445915	8.113003	8.650184	6.790637	8.31035
5.407371	4.888288	4.030939	4.188073	5.848423	4.468189	3.941837	4.506753	4.43144
3.086663	3.947952	2.615136	2.479968	3.471173	2.944764	2.96387	2.513958	2.278977
0.631314	2.025799	0.51517	0.468418	0.357425	0.504895	0.399584	1.160058	0.463103
4.488254	4.554438	3.844278	3.190126	5.276513	4.338289	4.06969	4.521735	4.125223
3.225449	4.445314	2.292415	1.260062	0.274787	2.143494	1.939724	2.153422	1.141037
2.689851	2.545527	2.887263	2.186375	3.70656	2.307782	2.8414	2.262149	3.031174
3.469932	2.72857	2.574843	2.816679	3.932162	2.734737	3.238805	3.344772	3.225836
0.155838	0.026388	0.460281	0.075676	0.491799	0.06569	0.326554	0.158873	0.017904
-0.06091	0.030438	0.150486	0.028262	-0.03467	0.085502	0.073158	0.001374	0.115189
1.666292	4.671185	2.630365	3.589199	0.373095	4.153427	2.085485	3.396142	3.942189
1.164277	3.538929	3.740697	5.031569	3.000454	4.628165	5.223061	2.120221	3.798567
2.31694	2.15679	1.346833	4.291534	0.49485	3.297902	3.940757	3.108915	4.380584
2.151616	2.173827	2.564076	2.322393	4.223845	2.917505	2.637142	3.367904	2.979574
5.251538	3.582553	2.911182	2.166453	2.578223	4.331845	4.106512	4.197532	3.097897
5.195206	6.52729	7.788304	8.31743	4.651658	8.00624	7.315489	6.499846	7.261455
-0.05326	0.197418	0.075706	-0.05326	0.0628	-0.05326	0.365889	-0.02999	-0.05326
2.331876	1.51101	1.129595	0.481339	0.236632	1.149246	0.745366	0.592078	0.773256
2.613084	2.231357	1.274152	2.288195	3.548806	3.141473	2.380021	3.075527	3.720879
7.956104	7.315839	8.28602	6.660473	6.256517	6.010336	7.507287	7.565589	6.624521
-0.00792	0.047178	0.189131	0.226402	0.018764	0.046372	0.476417	0.021885	0.352796
0.460729	1.049898	0.409439	0.069692	0.255893	0.109099	0.117342	1.202611	0.480864
4.32808	3.854207	3.133652	3.329411	4.470756	3.656375	3.008601	3.806765	3.669721
5.581507	5.309312	7.25872	6.028268	4.655967	5.497223	5.759727	5.553696	5.256569
5.534702	4.790152	6.065076	5.001053	5.45218	5.281179	5.22214	5.018266	4.993373
4.284513	4.466052	4.021333	4.988317	3.356308	4.828249	4.081808	3.821436	4.816686
3.986711	4.59937	3.35348	3.455211	5.305485	4.036067	2.983794	3.606958	3.457368
0.745101	0.792353	0.901103	1.064471	0.82276	1.197954	0.978425	1.027941	1.519229
4.357512	6.569817	3.224192	3.25346	1.13502	3.235291	3.420741	5.620307	5.040403
0.036694	0.007547	0.149002	0.008497	0.041381	0.000681	0.036075	0.008828	0.000681
5.375134	6.021063	5.865244	5.613695	4.307519	4.705171	4.576378	6.11919	5.883031
4.19749	4.444058	3.838631	4.232433	4.368806	3.123553	4.020687	3.97416	4.132598
4.52941	5.309468	3.174512	4.63391	4.094728	4.50844	3.87217	4.553102	4.796283
1.655141	1.431877	1.343073	2.422607	2.641487	2.612221	2.915345	3.051586	3.542202
3.745079	6.66511	5.58981	4.889523	4.820328	5.06263	4.343649	4.772587	4.032458
1.546168	3.625532	3.030914	1.335989	2.292298	3.006731	1.565829	0.72975	1.445239
0.310305	0.064721	0.913568	0.059685	0.151595	0.161666	0.310561	0.465247	0.11789
4.493822	3.73227	3.651717	4.521318	5.2306	4.385892	4.464936	4.863867	3.301067
0.262667	0.390415	0.534859	0.248138	0.375106	0.392685	0.430649	0.294979	0.301142
0.129025	0.308089	0.251849	0.210685	0.157095	0.20689	0.212057	0.095485	0.179166
5.704081	7.717022	6.837314	6.688279	4.492676	7.187257	6.33803	6.303882	6.570889
3.458934	3.817131	4.503566	4.414935	3.357267	4.269946	4.385029	3.970618	4.246524
2.447308	2.555948	2.544113	1.546633	1.971577	1.968481	3.188196	1.451026	2.306749
1.853353	1.901453	1.250769	1.661707	0.495481	1.398405	1.283812	1.74638	2.56371
6.744734	7.111065	6.240034	6.018641	4.67657	6.211733	6.64483	7.039123	6.569332
0.179214	0.10372	0.046601	0.059242	0.043171	0.012251	0.052423	0.096876	0.072618
2.842315	3.097469	1.129527	1.307783	0.762454	1.23792	1.112422	2.162843	1.717939

2.304156	2.861151	1.860057	2.402466	2.709552	2.679052	2.899	2.616378	3.040772
5.002528	7.424515	5.273575	6.920507	4.404294	6.357682	5.393783	5.882492	5.85442
1.390166	0.390816	0.281657	0.15017	0.066787	0.217789	0.229547	0.539999	0.169169
1.509245	0.184648	0.173692	0.088251	0.502673	0.189715	0.150815	0.175716	0.1335
5.320495	3.796135	4.437075	2.798472	5.367815	4.197903	4.469819	4.708245	4.495331
4.792755	4.497622	6.893054	5.265822	5.668442	5.378226	5.829152	5.097385	4.431989
0.096754	0.084392	0.047952	0.127977	0.047606	0.052349	0.096827	0.103378	0.269445
8.425748	7.965287	11.38984	9.881903	10.4062	9.422335	10.07725	10.2903	8.386123
4.240903	4.397805	4.289542	5.202976	4.622911	4.747882	4.518755	4.540972	4.568384
1.093718	1.131573	1.525831	0.581137	0.238274	0.770026	0.684137	6.160168	1.206825
7.422484	9.523561	6.455939	6.764797	5.037878	8.558832	8.078377	6.69339	4.790726
4.110421	2.604658	3.671404	3.733407	3.797909	3.670901	3.503635	3.190814	4.174202
3.839391	3.231366	3.059107	3.567339	3.007283	2.43297	3.041667	3.122436	3.914581
1.288271	1.445558	0.765355	1.438766	0.43621	1.184264	1.013613	1.487262	1.600517
0.05505	0.047012	0.093715	0.087859	0.046919	0.085081	0.086499	0.057797	0.113189
0.778431	0.311139	1.060194	0.777279	0.172842	0.672674	1.06206	0.349696	0.730668
4.736416	5.583102	4.274462	5.189939	3.462382	3.936144	4.276135	6.013595	4.960271
2.361406	3.203565	2.333793	3.292759	3.99717	2.675247	2.360885	2.076726	2.938481
1.901434	2.598554	1.854064	2.977224	0.628211	2.098841	2.573673	2.557145	3.042979
5.405854	5.745878	5.662617	4.472233	4.854745	4.796388	5.733398	3.81629	5.311656
0.830238	0.132918	0.514594	2.081531	0.092025	0.18314	0.445998	4.11408	3.522236
4.952183	4.610257	4.712227	3.60508	4.02481	4.991847	4.843693	4.58675	5.117096
0.626743	0.451357	1.738316	3.731503	0.387964	1.660668	3.473502	0.377142	3.505751
2.428055	3.124798	3.507963	3.743166	3.370159	3.12297	3.698856	3.140609	3.537828
3.461076	1.219421	1.549131	0.924005	2.349942	1.095898	1.328626	1.031404	1.244004
0.646042	0.402541	0.122495	0.398857	0.966026	0.664543	0.664826	0.346317	0.958354
3.731628	4.101401	5.727643	4.942822	4.797678	5.476028	4.926054	5.208759	5.290419
6.406337	7.362974	3.046785	4.789332	4.33819	6.104123	4.767677	5.746158	4.639986
1.098251	0.914454	0.504384	0.564511	0.278478	0.444634	0.781261	0.884793	1.008662
3.991413	6.994772	3.513106	3.207385	3.615389	3.539205	3.328068	5.764114	4.207736
6.39252	6.984477	6.666405	7.644584	3.624547	7.89735	6.589256	6.881033	7.778639
0.083243	0.151853	0.417767	0.137759	0.955097	0.264474	0.228161	0.642969	0.106355
3.071768	3.223704	2.782179	2.812575	2.141869	3.107605	2.698152	2.959386	2.847366
3.619801	3.385641	1.370985	2.020686	1.465271	2.565435	1.823235	2.409614	2.16629
2.584056	3.108202	2.312942	1.852283	1.171885	2.263168	2.699299	2.540512	2.566644
2.669953	4.658922	2.553248	4.795653	2.677537	4.865952	3.750581	4.183441	4.627428
1.795471	1.688055	1.245113	2.466589	0.119903	3.343192	1.994238	2.778546	2.406767
1.254669	4.152782	2.415768	2.49712	0.678938	4.031405	1.506292	2.242856	2.893323
4.029582	3.498017	3.169538	2.899752	3.221042	2.519634	3.440069	3.972498	3.770636
10.36044	11.10747	10.14211	9.581658	5.794544	9.456613	10.71995	10.01497	8.193817
2.990781	6.463558	4.336316	5.065277	4.199013	4.477391	4.120228	4.849227	5.926374
3.815568	3.942348	2.501363	3.880428	0.486258	2.805628	2.941553	4.551717	3.92919
7.309405	7.625603	7.559861	7.998052	6.148088	8.785317	8.134485	7.808943	8.783139
3.107686	2.948848	4.700397	5.315629	2.841992	5.438675	5.313901	3.181399	4.96223
2.408174	1.934776	3.939036	2.826617	4.547156	3.060659	3.312624	3.629718	3.572037
2.542775	1.727794	2.607588	0.504181	1.765618	0.926739	1.194079	0.783292	0.896909
2.958687	1.907877	2.411363	1.960025	3.022299	2.958998	2.197913	2.433523	3.397837
2.691049	3.54075	4.287707	3.346222	3.018791	3.561463	3.468068	3.63855	3.017974
3.071624	2.39625	3.110114	2.603838	3.728114	2.53289	3.09308	2.96452	2.886557
2.102473	2.871123	1.790588	0.888134	1.785993	1.699206	1.645666	1.848135	1.714285
4.072866	3.476138	1.987053	2.305882	2.950969	2.827357	2.692843	3.53363	2.915997

1.857033	1.33024	1.49282	0.784506	2.52085	1.846051	1.33235	1.526622	1.851852
3.546017	2.624059	2.932611	2.183705	2.898123	3.457888	3.062334	2.992847	2.780006
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3.302895	1.288611	1.492687	0.621118	2.314462	0.915668	1.029672	1.164433	1.06534
4.97719	5.681481	4.656453	4.817131	4.988035	4.330555	5.06079	4.594052	4.39294
2.117904	4.927747	1.734419	1.350605	1.535472	1.740729	3.291123	3.765975	2.18117
4.288445	5.55004	3.316443	4.114257	5.118286	4.861825	4.149391	4.964187	4.245425
4.876212	4.54561	4.746358	4.702339	5.147093	4.667375	5.355934	4.740561	4.619836
4.539372	4.285156	4.778621	4.376127	4.549454	4.410148	3.883488	4.42169	4.739707
4.934469	4.775222	4.469984	4.496248	3.831203	4.047802	5.312171	5.263271	4.856132
4.404069	5.022852	5.782535	5.888272	4.782195	5.208488	5.329479	5.158201	5.153046
7.767218	8.009914	6.185266	6.974208	3.485554	7.290966	7.298573	7.52164	6.708398
7.418378	7.331167	4.764457	4.06649	7.264002	4.605737	3.541654	4.608832	4.353371
3.77575	4.10981	3.436783	3.520988	2.792982	3.069867	2.751964	3.336579	3.836755
5.033507	5.765632	7.198384	5.404869	5.982373	6.110606	6.769243	4.724088	6.407967
2.529149	1.576677	1.499589	1.44892	3.428381	2.130782	2.093672	1.762827	2.191453
3.078876	3.215704	2.161057	2.939313	2.163492	2.738606	2.674649	2.87419	3.011153
3.470927	3.632904	2.119675	1.634851	2.649856	3.055371	2.557281	2.409164	3.031783
3.064998	4.849678	2.354143	2.486466	0.90834	2.9887	2.972227	3.439872	3.096125
0.420976	0.192533	1.368569	0.157957	0.099298	0.167898	0.449168	0.539974	0.267795
5.152175	4.056917	5.246418	4.743242	7.107492	4.887473	4.626551	4.725397	5.180973
3.752604	5.302207	4.344971	4.856473	2.968179	4.841204	4.484798	5.622724	4.873811
4.750176	4.806029	4.778006	4.767543	6.386252	5.41274	4.667981	5.532493	5.271809
-0.08003	0.660493	0.173253	0.364863	-0.08358	0.21548	0.429481	0.195654	1.093126
0.958476	0.790298	0.911605	2.834471	2.124185	2.783342	3.339997	1.71612	2.471277
4.144946	2.897767	4.34564	3.694917	4.600974	2.763514	4.342289	3.883595	4.046902
4.272571	6.958066	2.552993	4.751757	0.569497	5.104991	4.861488	5.626387	4.470013
1.301632	1.481336	1.804103	2.069977	1.697452	2.080616	1.929101	1.801754	2.768764
3.499046	2.922967	2.206993	2.402724	5.322306	3.412021	2.806041	3.109255	3.414166
7.035416	4.970632	6.292023	6.639862	7.105749	5.809346	6.762747	6.891618	7.010966
3.93104	1.887774	2.01511	1.897592	4.420068	2.439503	1.747966	2.935472	2.228582
0.35631	0.276147	0.327785	0.591064	0.231818	0.314224	0.530119	0.459738	0.875866
5.178328	4.854627	4.854363	4.295492	3.935186	3.885015	4.203836	3.97241	4.164422
4.311536	1.789424	2.290641	2.850293	3.878763	2.485732	2.695491	3.924075	3.59361
2.911993	1.373257	5.412926	0.594835	3.157641	1.598697	3.335951	1.225155	0.760244
2.56949	2.784183	1.53738	1.775249	0.574991	2.218178	1.665406	1.983549	1.729609
0.047527	0.10309	0.241277	0.016725	0.102521	0.077584	0.05449	0.584378	0.073573
5.883406	6.074431	5.965006	5.44247	5.908716	4.55821	5.973521	5.579442	5.694573
7.395444	7.575952	3.705118	4.732854	1.851979	5.525657	4.801939	5.117691	4.797026
6.145366	8.474177	5.686581	6.359959	5.966733	6.613654	5.123862	5.75832	5.028783
5.820816	5.096615	5.112149	6.181312	7.267168	6.708865	5.151736	5.215611	5.954938
3.741786	3.527673	4.374406	4.338685	2.141971	3.281717	5.812655	4.134719	4.819996
3.706418	2.893585	1.834446	2.77994	2.595184	3.117968	2.94041	2.932797	3.281857
3.511879	2.765811	3.657904	3.691816	3.915587	3.571416	3.594407	3.352903	3.404873
0.06212	1.270818	0.197512	0.985957	0.0594	0.46093	0.129584	0.690894	1.874981
1.625312	0.793001	4.272724	0.131884	0.590854	0.259749	1.461319	0.446811	0.124981
4.563958	2.277146	1.568747	0.878785	3.000408	1.443347	0.908653	1.54932	1.047458
2.530365	2.65095	1.128717	1.587097	1.429501	1.194067	2.233624	1.79231	0.983737
5.688157	7.620675	6.733461	6.503506	6.372818	7.371261	6.263526	5.925915	6.313979
3.400877	3.563029	4.197793	3.604616	2.799417	3.44136	4.049602	3.896994	3.538221

4.352625	4.310579	4.372757	3.609864	4.31295	4.696923	3.992044	3.184421	4.069073
4.318148	3.37533	3.55521	4.008659	3.601804	3.323975	3.462149	3.307945	3.810358
2.60352	2.785872	3.185019	4.578798	3.959728	3.816671	3.203047	4.711658	4.417477
3.882438	3.679097	3.332879	2.031423	2.459576	2.478844	2.423121	2.982326	2.875224
4.271716	3.244281	5.628824	5.510971	2.994832	6.279542	5.773505	3.689689	5.558236
3.329212	2.635128	5.050598	4.03434	4.889973	5.764689	3.216399	3.811172	3.536632
3.345378	1.634505	2.089152	2.446386	2.757724	2.633429	2.403392	2.197977	3.026303

TCGA-FG	TCGA-DU	TCGA-DU	TCGA-HT	TCGA-DU	TCGA-FG	TCGA-S9	TCGA-DH	TCGA-P5
0.917172	0.107668	0.889947	0.754564	2.345916	0.509573	0.81725	1.252496	0.768485
1.365642	0.677339	0.442828	2.093444	2.48446	1.351144	0.947087	1.881745	0.796205
5.186535	5.545927	4.714709	6.41428	6.301012	5.598075	3.326339	5.207933	6.299639
1.944204	6.735486	3.679465	6.952481	3.417443	5.397792	1.810771	2.589952	9.199742
1.385698	1.286732	1.474675	1.099085	1.010289	0.337234	1.822058	0.97998	0.550492
7.701923	7.142138	6.60912	6.005715	6.636387	8.46807	7.649718	6.837964	7.614336
5.431984	6.03458	5.784809	5.901423	6.701265	5.361527	5.262552	6.198527	5.822665
0.616097	1.050313	0.908035	2.390685	0.597241	0.592846	0.447083	0.789556	0.539427
0.021297	0.116556	0.321171	0.087169	0.027916	0.127322	0.24789	-0.06134	0.192662
5.518367	6.673716	5.825392	5.287902	3.104876	6.402811	6.375529	5.507924	5.800886
4.586472	5.290513	5.112597	3.957856	3.131496	5.654399	5.341298	4.333185	4.428475
2.511554	3.463124	3.616339	4.253357	3.695255	1.695456	3.035787	2.756124	2.43652
1.712152	1.487366	2.05917	2.475052	2.952162	1.787159	3.191058	2.362415	2.96966
2.652645	3.1411	3.821923	4.769823	3.384696	4.069469	2.547676	2.681137	4.94195
5.560905	3.512187	5.380244	4.6197	4.197411	3.547094	5.615384	4.751439	5.51172
3.119692	2.143622	2.36423	3.021234	4.862798	3.124416	4.173165	3.076021	2.200626
0.7807	0.84886	0.494484	1.483908	3.478058	0.476012	0.520649	1.032821	0.662317
8.292556	7.406398	7.071267	8.18021	8.491711	8.815601	8.567586	8.771372	9.2387
6.379429	5.289974	6.715429	4.103601	3.702615	4.145003	6.663373	4.733457	4.590545
3.587829	3.141859	3.417942	3.875471	4.198135	1.854093	5.130609	3.615331	3.270101
2.347235	2.478105	3.611499	2.443656	3.174837	2.801073	2.615222	3.591721	3.287078
2.79438	3.249698	3.814288	2.927797	3.748206	2.40616	2.81733	3.985504	3.258192
2.253372	3.155999	3.066978	3.148079	2.462735	2.823077	3.007621	2.922164	2.70042
0.285932	0.779228	0.726346	0.813165	0.541395	0.650307	1.688281	0.261714	0.177876
2.580921	3.073109	4.575947	4.106246	3.698305	2.969614	2.400372	3.489392	2.842161
2.802126	2.584641	3.081374	2.864061	5.044323	1.816013	1.27389	3.146872	3.251937
0.499708	0.959837	0.959543	0.540258	0.338273	0.853517	1.552119	0.624255	0.452966
3.847933	4.637497	5.319304	4.725637	4.707578	4.181518	5.112291	3.893366	4.444267
2.731331	2.316527	2.462216	4.377725	2.390886	2.122288	1.808918	2.960904	1.840538
4.568325	5.066936	5.404295	4.09824	3.783572	4.320203	4.692734	4.27366	4.182655
2.699053	0.854862	1.008595	2.35876	3.611003	2.286655	2.976006	2.370926	1.456426
4.639572	4.985209	4.536311	5.356329	2.867903	4.786414	3.034091	4.599343	5.812426
5.850214	4.139264	3.946247	5.164864	3.616102	4.916739	4.409522	5.533121	5.551057
3.079269	2.59281	3.371725	3.006633	2.647068	2.852554	3.636167	2.806463	2.521871
2.545067	2.328861	3.21594	5.460798	2.64585	2.069348	4.717319	3.622681	1.789215
2.583761	2.183486	2.636725	2.265065	3.285888	1.388883	3.677296	2.58427	2.005078
6.140603	6.191225	5.647179	5.981669	4.079829	7.065712	5.99898	5.621423	4.636127
3.117569	4.712703	3.917604	4.426423	4.068166	4.05697	4.564686	3.692136	2.652615
4.767804	4.209469	3.605457	5.102393	4.840304	5.225735	3.707499	4.400274	4.681898
0.061461	0.081195	0.119957	0.170902	0.345244	0.116215	0.100652	0.063391	0.259519
0.79614	0.604945	0.445494	0.848856	0.175541	1.017052	1.217592	0.607426	0.207889
2.713851	2.83334	3.797241	3.80245	1.972724	3.132547	2.671234	2.481437	1.758321
2.198086	1.419203	0.607162	3.991275	4.698164	2.83636	1.991902	2.43858	1.591484
0.607553	0.663558	1.132533	0.741678	1.596212	1.13374	0.192616	0.868089	0.527327
0.733841	0.781426	0.890796	2.469507	1.610189	0.754685	0.807413	1.495021	0.573059
10.02345	9.361868	8.697669	10.95036	11.57643	10.79467	9.865074	10.56458	10.91691
6.712887	7.133346	5.684174	6.922741	4.034196	5.769117	4.446215	6.104064	5.945793
4.139093	4.756859	4.438199	5.40983	2.201801	5.274576	4.379599	3.687664	4.455638
0.875627	1.316291	1.314882	0.476832	0.591054	0.728497	3.578905	0.518601	0.397591

0.413648	0.129562	0.505077	1.249278	0.732803	0.099607	0.198722	0.96694	1.466243
0.412024	1.353583	1.006353	0.549724	0.210771	1.039963	0.215917	0.570047	0.630996
2.203764	2.439154	2.472516	2.016872	1.297739	2.495566	3.163289	1.300718	1.417004
4.134798	5.082441	4.24681	4.979809	4.268413	4.983958	4.162255	4.625685	5.158702
3.763114	4.948106	2.966073	3.390753	4.639304	4.918563	4.288036	3.692115	2.798558
0.084462	0.045564	0.099538	0.382358	0.383584	0.070776	0.157192	0.022438	0.062022
0.40689	0.740555	1.420513	1.415173	2.119834	0.923519	2.357466	0.407816	0.432551
7.995603	6.871885	5.658329	6.929361	8.558269	7.396952	7.998763	9.064675	6.695477
9.33816	8.339027	9.37208	8.321394	7.876984	9.697201	8.899867	9.752664	8.996831
2.868595	4.662438	3.491521	4.570109	3.818353	4.510721	5.553293	3.430538	4.593566
0.337619	1.14616	1.266581	3.132538	3.230873	0.800983	2.356488	1.366027	0.754923
6.581428	6.032463	5.727238	5.831368	4.016534	8.97258	6.902063	5.275203	5.955947
1.885055	1.371132	0.704296	3.274119	4.773006	2.586413	2.858591	1.326914	1.382997
3.127218	3.62999	4.801073	4.114672	2.89212	2.752542	4.706953	3.139407	2.353551
0.58089	0.745544	0.62495	1.651202	0.880611	1.803298	0.399883	0.898378	0.753583
7.336857	6.283501	4.786188	9.674583	7.26416	9.871604	6.842382	10.05247	10.48193
2.660753	3.347201	2.917043	3.085492	3.7893	1.464137	3.724404	2.242889	2.414074
4.425795	3.870834	4.873496	3.411171	3.224968	2.897715	6.379389	3.847474	2.998906
0.49403	1.393655	0.657319	0.4829	0.17066	0.653892	1.331959	0.177552	0.842017
3.710106	4.709449	5.968318	5.908468	6.076563	5.658635	3.018397	4.884408	5.880098
3.398375	3.686815	3.696041	4.540035	3.334815	3.207797	3.001755	3.613458	3.346185
1.64607	1.462368	1.319805	3.029014	4.018458	2.188162	1.90029	2.305935	1.917882
2.575822	2.965807	3.064984	3.113935	3.80776	1.542505	3.583529	2.377886	2.013957
4.214519	4.948679	4.616771	6.55715	3.557834	4.311341	4.504886	4.87205	4.388233
3.758422	4.646451	3.405386	6.92786	4.762421	7.316557	3.139906	5.182943	3.669644
3.004899	2.709038	1.4555	3.060048	3.058924	1.142379	4.657805	2.623192	0.805589
2.788533	2.103988	1.204059	3.381412	3.440422	3.644796	1.05263	3.459473	3.898351
2.123147	1.895522	2.080341	2.81984	4.425018	1.16466	2.83295	3.165664	3.287387
2.274606	2.730261	3.623094	2.498452	2.966712	1.342163	3.424448	2.245161	2.153618
3.618311	3.565622	3.838792	4.328594	3.065136	1.921771	3.546569	3.381468	2.981685
1.907848	2.667326	3.530129	3.017209	2.297497	1.336848	1.710822	2.297348	1.245331
3.294924	4.492969	3.758603	3.037863	2.769411	5.008781	4.206824	2.269902	3.048723
7.78072	7.406671	7.367306	7.462311	6.52152	9.860346	8.132719	7.626883	8.088301
1.061241	0.662926	0.668075	1.476121	0.759519	0.366405	1.7656	1.022857	1.115489
5.317193	6.517415	6.380765	4.187372	4.245639	6.770664	5.356075	5.290898	5.114191
0.166829	0.620606	0.269874	0.697676	2.4701	0.414078	0.35969	0.577079	0.914461
2.871134	3.572053	3.998085	2.929102	4.25713	2.316972	3.745542	2.646222	2.983389
3.183515	2.376747	1.806169	2.444594	0.955807	4.657652	1.573232	3.21913	2.997849
1.47856	2.290364	2.029329	2.256015	3.852523	1.438984	2.527466	1.551913	1.611658
2.891622	3.872955	3.619123	3.106826	3.338835	3.498783	3.458595	2.825223	2.236204
3.382883	4.044731	4.724394	5.089466	4.784863	5.478253	5.088818	3.733393	3.291926
0.099731	0.314676	0.119313	3.451828	0.713524	0.38943	0.536533	0.124754	0.158054
3.005712	2.123139	1.722778	4.352405	4.170459	4.390193	2.536017	3.718461	2.570721
0.616869	0.005878	0.235024	0.198278	0.293796	0.33375	0.199045	0.108937	-0.01583
3.920322	3.339873	3.65013	5.89528	4.98848	3.903036	4.30936	4.091449	3.545244
1.798602	2.511041	1.33126	1.140783	1.011397	2.713686	3.531036	0.767271	1.152249
3.273879	3.938058	4.080834	4.635528	3.049004	3.953791	3.544541	3.471265	2.712988
3.31267	1.50107	1.987983	3.801216	2.42322	3.390166	3.760329	2.480983	2.958175
6.464082	5.543279	6.178901	5.158704	6.208908	5.186289	6.612215	6.570037	6.063346
2.173645	1.351852	1.089705	3.601481	4.342266	1.863717	1.938305	2.642085	1.545493
7.776712	6.887513	7.359015	6.651284	6.567852	7.637362	5.72034	7.759895	7.114139

1.478719	1.127806	1.55319	3.477293	3.146008	1.57546	4.353507	1.867579	1.41739
1.625279	2.136615	1.764571	1.840319	1.511946	1.989896	2.632633	1.837983	2.246722
2.661201	2.559072	3.841601	2.98316	4.077243	2.045014	4.957427	2.537294	2.877635
0.097798	-0.01725	0.143796	0.473895	1.0289	-0.00336	0.133891	0.362463	0.113342
8.714832	8.471781	7.575783	8.542499	7.610507	8.787194	7.425082	8.759239	9.183031
4.086566	4.685066	4.360556	4.57402	5.382279	3.754064	4.661102	4.180674	4.420344
2.630623	2.877739	2.272635	3.380688	3.055264	2.493337	3.669118	2.778876	2.645046
0.427877	0.404142	0.75819	1.674523	2.199111	0.623533	1.034508	0.512624	0.868208
3.788196	4.42953	5.283046	4.100239	3.419774	4.533427	6.044886	3.837208	3.703663
0.976272	2.481946	2.610266	1.362989	5.475775	1.199158	2.964453	1.524536	0.997717
2.350459	3.261281	3.080205	3.200512	2.401672	2.122831	3.147662	2.140181	1.881577
2.888788	3.698523	3.693942	2.732696	3.670989	1.454633	3.852049	2.605813	2.949376
0.149948	0.147348	0.232419	1.7126	0.060492	0.195301	0.264488	0.188601	0.108863
-0.01414	-0.04357	-0.0258	0.188159	0.311195	0.081735	0.066817	0.045819	0.027382
3.398482	1.524592	2.773778	3.192774	5.757665	2.36158	-0.03593	3.674275	4.227704
4.517505	2.809066	2.517944	2.493267	1.925124	4.519534	0.627806	4.260911	2.528068
3.870418	1.304113	1.445436	2.542248	3.300206	1.68342	1.231741	4.298063	2.527242
3.392891	4.01215	4.078477	2.347894	1.919835	1.552939	3.183867	2.851646	2.966032
3.385644	2.870835	3.529649	4.301525	4.285349	3.398097	3.740599	3.49267	3.198305
7.518588	6.579684	6.363228	6.406802	4.717952	8.436901	4.822738	8.041851	8.118537
0.084954	0.048946	0.152766	0.074288	0.164763	0.000723	0.986334	0.394902	-0.03116
1.23484	0.2483	0.682116	1.044324	1.080448	1.362898	0.831459	0.357131	0.35884
2.04277	3.544276	3.267799	2.265122	3.851288	1.410646	3.085989	1.754376	1.943489
7.424444	6.639849	6.240283	7.496308	5.042705	6.05515	8.638507	6.87884	6.526247
0.318476	0.056841	0.19002	0.089167	0.005453	0.076827	0.018371	0.020388	0.000113
0.129319	0.174571	0.355656	3.441701	0.771181	0.165282	0.880317	0.959344	0.404305
2.947524	4.138978	4.539812	3.936075	5.071624	2.637732	4.410962	3.583899	3.052855
5.983924	5.847323	5.603257	7.047814	4.683205	6.608734	5.590581	6.474022	6.24613
5.430891	5.633961	6.160002	5.573239	4.848065	6.191022	5.380374	5.243609	4.860648
4.044411	3.58753	3.839514	4.845392	5.223934	3.738247	3.772725	4.886129	4.436233
3.564656	4.700517	4.695849	3.776104	5.130867	1.976154	4.166156	4.077775	4.123485
0.486158	1.222686	1.398597	2.066299	1.240886	0.981392	2.507515	0.581387	0.919975
3.801612	2.544451	1.278116	7.227627	4.789289	3.023712	5.700157	4.306451	3.382649
0.016927	0.018648	0.006775	0.151487	0.000681	0.019591	0.007448	0.007721	0.000681
5.512213	3.320628	3.96998	6.690369	4.863848	3.961845	8.073109	5.011896	4.6994
3.946148	4.916689	4.738159	4.323221	4.212327	3.740492	4.030533	4.300853	3.592387
3.961481	3.793854	4.947807	4.576805	5.812562	3.314839	4.766074	4.528389	3.997828
0.931421	3.590843	2.587952	1.662529	1.009517	1.472544	2.664346	0.854131	2.629492
4.861942	5.317672	4.66269	4.403107	4.766415	5.802222	6.362776	3.93345	5.386661
1.500558	3.353328	2.954253	1.44319	1.544169	3.118702	3.124914	1.413342	1.425274
0.333059	0.067454	0.027996	0.823412	0.082424	0.161032	0.018885	0.695447	0.033502
4.421641	5.112232	5.233719	3.218166	4.124293	3.746081	5.718328	3.993404	2.646208
0.457862	0.472009	0.31376	0.181802	0.178184	0.715874	0.37182	0.120403	0.524731
0.039186	0.511453	0.660774	0.415868	0.421078	0.116406	0.065356	0.083768	0.037633
6.124218	5.164895	5.692127	7.291855	8.602632	7.612347	4.579921	6.820953	5.618404
3.827466	2.38356	2.503078	2.599051	3.839167	3.171283	2.575253	4.097576	4.36773
1.70256	2.274994	1.827992	2.616025	3.833074	1.446155	1.840564	2.304728	2.233077
1.775366	0.860304	0.817567	1.445282	0.730187	1.223482	1.164436	1.93919	0.504885
4.749913	5.848861	5.201612	8.673848	7.092299	7.321002	5.757084	5.4737	6.134822
0.024623	0.092487	0.049012	0.079429	0.179748	0.082864	0.022549	0.105962	0.200556
1.001852	1.159279	1.322199	2.750327	4.093704	1.306817	1.712907	1.346513	1.365303

2.418482	4.040402	3.721437	2.180905	3.159444	1.219853	1.968605	2.958466	2.414088
5.533783	5.008739	4.218	5.428277	7.814945	5.280535	5.59686	7.363814	6.950488
0.099455	0.195451	0.275456	0.486317	0.895956	0.116665	0.181066	0.226354	0.129646
0.123073	0.298576	0.382393	0.176683	0.171989	0.238882	0.744655	0.204437	0.068536
4.162823	5.283125	5.25417	3.931647	4.399217	4.303703	6.20569	4.129366	3.104229
5.124247	5.039548	5.009511	7.555758	3.924203	4.788434	4.44259	5.476058	5.518968
0.02993	0.042621	0.054376	0.085358	0.075119	0.020258	0.213132	0.051518	0.026026
10.51356	9.665736	10.06675	8.81815	7.731986	11.82621	10.44718	9.777751	9.684371
4.677294	5.355969	5.0742	3.706278	4.220648	4.548504	5.236783	4.761079	4.057912
0.574733	0.818174	0.359308	3.53344	3.780525	1.697126	1.71866	3.972032	1.734856
5.248829	5.882443	5.537139	7.509946	7.118089	7.331932	6.791343	6.420275	6.57338
3.559037	4.806888	4.270163	3.460365	3.522268	3.79134	3.523794	3.569424	2.138326
3.130547	2.713711	3.118951	3.766183	3.874895	1.729874	4.094178	3.678036	3.341976
0.80241	1.22609	0.775919	1.504997	2.044954	0.99176	0.970575	1.088572	0.93767
1.17593	0.042222	0.0516	0.078284	0.059172	0.061778	0.067186	0.082504	0.048773
0.581304	0.441631	0.370546	0.95201	0.520809	0.346244	1.122063	0.625263	0.353489
4.695382	3.887069	3.446602	4.815799	6.146221	2.826068	4.50677	5.503759	5.803557
1.702227	3.292748	4.600076	3.453443	2.726175	2.134075	7.835624	2.188576	3.190874
1.953763	1.296015	0.595334	2.746688	3.270562	2.515906	1.28372	1.167487	0.741114
5.698402	4.387938	4.235177	5.327386	3.587369	5.951707	4.509631	4.721236	5.515051
0.160872	0.948959	0.356852	1.744317	1.726956	0.723688	0.34076	2.014752	2.879515
4.277456	4.080942	5.057651	5.728867	4.045606	5.165331	4.476871	4.012422	4.833243
1.109637	1.492304	1.103769	1.324018	0.092218	3.818822	2.776837	0.489093	0.87585
3.200283	3.800095	2.80304	2.822464	2.742913	5.0704	3.436349	2.659935	2.819638
0.995548	1.787191	1.965937	0.942577	1.719696	1.115086	3.9565	0.98444	0.597726
0.409764	0.251912	0.597087	0.578211	2.05727	0.451514	0.278141	0.447383	0.017471
5.283877	4.901357	5.510137	3.757387	3.232986	5.395177	3.74669	4.869772	5.171814
4.345544	4.464516	4.260612	4.576227	7.421406	2.854745	5.010322	5.239616	4.354205
0.636843	0.393138	0.305751	1.06701	1.126618	0.451265	0.607836	0.682601	0.327888
4.595603	3.099543	2.968816	7.046434	4.474592	3.901427	5.955995	4.525536	4.508638
7.15911	4.913873	5.123674	6.105853	7.781527	6.812132	5.907683	7.675123	7.231924
0.232312	0.81814	2.224975	0.64352	0.060857	0.747454	0.265736	0.586457	0.066014
2.77678	2.476755	2.428543	3.54051	3.692287	2.511571	2.722305	3.332148	2.788224
1.444134	1.198231	2.132364	2.440863	3.879688	1.775292	1.634349	2.250243	1.401687
1.545885	1.769582	1.695375	2.780415	2.920199	1.556142	1.897177	2.064819	2.85546
2.867931	3.068626	2.660271	3.700261	3.35796	2.934366	0.836655	4.376246	4.235231
0.964815	0.476425	0.289304	5.077048	0.90946	2.950696	1.152258	2.132398	1.338961
2.37153	1.18099	1.739972	3.333453	4.852641	2.072465	0.866813	2.868487	3.414692
3.789209	2.795282	2.834664	3.357939	3.797411	1.941538	4.464261	3.723012	3.07101
8.808476	7.165682	7.508291	9.155628	9.591471	9.662363	7.878161	9.364672	10.50616
4.552356	4.498763	4.381622	4.026108	6.410663	3.869216	2.930206	5.332045	4.578627
2.917616	1.534877	1.951898	4.269726	6.22997	2.624309	2.65359	4.088064	2.154116
7.896932	8.170209	9.55437	6.735972	5.821791	7.797043	6.584109	8.766564	7.201614
3.775242	3.575802	2.693271	3.021642	3.37196	5.329906	3.452791	4.079441	2.443396
3.393468	3.209701	4.295949	3.242256	1.975451	2.584296	3.733699	3.150007	3.196462
0.971879	1.839226	1.575573	2.362922	0.489272	1.487791	1.318504	1.065096	0.642794
2.625639	2.62891	2.378127	3.230506	3.25444	1.220029	3.081131	2.60634	2.150235
3.684647	4.165122	3.095937	3.56245	3.598019	3.483011	2.296166	3.865278	5.887692
2.787391	3.178108	3.800554	3.411449	3.552439	1.739736	3.72775	2.731882	2.614318
0.874342	0.826359	1.429619	1.966069	2.112728	1.188441	1.541391	1.205153	1.560064
3.114649	2.41996	3.325888	3.078766	4.945757	2.570465	3.72333	3.162094	1.655642

1.380147	2.657852	2.691982	1.331353	2.04647	1.094824	1.222316	1.476143	1.340979
1.550221	3.106647	3.529384	3.301859	3.353809	2.235638	2.791367	2.91197	1.720025
2.912675	3.607096	3.198428	5.626814	3.082405	11.05918	6.269467	3.870482	3.404665
4.413082	4.264862	4.456719	3.727683	3.177491	6.283596	3.933567	3.787651	3.44304
1.126381	1.581518	1.779685	1.130369	1.326774	0.945698	3.795375	0.870838	0.703557
4.890983	4.25896	4.626047	4.720939	4.765225	5.19823	3.959879	4.511355	3.965382
1.934812	1.828597	2.380432	3.458919	3.156811	1.806398	3.818012	1.592041	2.416336
4.386874	4.660935	4.437409	4.043916	5.770401	2.918136	4.736341	4.747334	4.93675
5.330787	4.777455	5.21167	4.511848	4.382966	5.203253	4.376657	4.737382	4.304779
5.225661	3.967851	4.622095	5.931604	5.845578	2.727122	4.122157	5.78452	4.5549
4.436422	3.691022	4.701442	5.549455	3.524126	4.352583	5.027682	4.751152	5.040541
5.102963	6.083479	5.733618	4.701232	4.494572	6.658347	5.611454	4.956126	5.138351
5.695864	6.083392	5.850903	5.107343	5.134895	6.722725	6.367531	5.668891	4.943632
3.82192	3.959636	5.155993	3.234687	5.289046	2.555204	0.741585	4.71267	3.590784
3.52814	2.060179	2.205851	3.234645	4.505712	2.345202	4.59435	3.212885	3.580816
7.27602	5.052763	4.179543	6.291243	1.815796	6.314936	5.65652	5.50178	5.781116
2.600946	1.92513	3.072056	2.194181	2.438474	0.784536	2.927549	2.337033	1.996739
3.445416	2.934437	2.580981	2.899871	3.82298	2.705639	2.238016	2.401652	2.500928
1.605931	1.8672	1.3258	3.084321	3.347445	2.209871	2.782615	1.666838	2.291022
2.009877	2.249578	1.777301	3.543311	4.724706	4.607602	2.2757	1.882425	2.424548
0.124994	0.117874	0.413148	1.002371	0.345577	0.619849	0.0938	0.331034	0.428516
5.79723	5.784847	5.355731	4.603176	4.304483	4.20977	6.010706	5.07657	4.911044
4.101724	3.647468	3.378856	3.755034	4.782665	3.012622	2.782116	4.366764	5.564996
5.23441	5.716036	5.753703	5.033779	5.224146	4.448305	5.006807	6.127382	5.371897
-0.14226	0.229302	0.790973	0.378244	0.02205	0.464221	-0.14226	-0.02208	-0.07574
1.41245	1.376262	0.787485	1.628983	1.10114	1.851583	0.570827	4.091864	0.798592
4.227577	4.460114	4.195706	3.495289	1.659968	5.012442	4.625859	2.852285	2.838583
4.384266	2.386965	3.035847	4.255126	7.417017	3.259789	2.674237	5.018395	5.228311
1.939446	1.973524	1.579823	2.170095	2.057042	2.317857	2.408738	1.354757	1.753757
3.80906	4.087733	4.277066	2.055648	2.266718	1.574395	2.550738	3.044244	3.519274
6.45985	6.72985	6.738157	4.885927	5.381282	6.802755	7.624155	6.108126	7.16263
2.450091	2.911708	3.615901	3.196058	3.117862	1.399913	3.370138	2.85543	1.831348
0.324131	1.113859	0.788112	0.425951	0.183739	0.648236	0.501031	0.126288	0.440177
4.640055	4.363697	4.519547	5.89299	4.097835	3.036677	5.983683	4.220708	3.271
3.517651	3.398044	3.75326	3.507996	5.407564	1.44474	3.657663	3.908172	3.123046
2.598181	2.302075	2.55052	5.880402	1.598514	2.00765	0.671351	4.287775	1.789533
0.695112	1.323681	1.116383	2.192049	3.463647	2.098118	1.603521	1.489321	1.631993
0.204697	0.067525	0.068308	0.642754	0.250597	0.134849	0.064509	0.339374	0.113774
6.039865	5.140596	5.284643	5.151108	5.755843	5.018804	7.311008	5.967513	5.281746
4.3967	4.448391	2.878464	5.71735	7.539601	4.064729	4.985428	4.948239	4.103325
5.83868	5.634958	5.911072	6.071716	6.985458	5.658781	7.464638	6.654564	4.659741
5.501903	6.222868	5.340475	5.909688	4.534612	5.856485	6.533809	5.557303	4.667777
2.977181	3.725152	2.91356	4.047653	3.292612	4.864584	4.541871	2.847882	4.098398
3.58112	2.554696	3.346836	2.096552	3.646057	1.296986	3.602336	2.838528	2.769212
3.814837	3.692402	4.168298	3.280034	2.948488	3.602132	3.826454	3.666092	3.259098
0.304697	0.085226	0.214668	0.391962	1.237871	0.409601	0.059052	2.384907	0.662589
1.154525	0.779785	0.196721	2.570914	0.400385	2.337368	0.096425	1.400399	1.15173
1.134442	1.573086	2.450325	1.509194	1.939005	1.123552	4.471144	1.401325	0.231675
0.825629	0.951409	0.871303	3.827636	5.183619	1.591098	1.713127	1.632617	1.326956
5.903958	5.85039	5.652105	6.572279	6.144794	7.165642	6.598003	6.062836	6.522736
3.434426	2.666657	3.375818	4.050762	3.13155	4.385876	3.466633	3.119434	2.367267

3.848158	4.215427	5.239163	4.874822	4.596405	3.803309	4.916165	4.14851	4.114897
3.901737	3.579838	4.183561	3.446285	2.744077	2.644574	4.952998	3.418751	2.772303
2.697381	3.963218	3.171479	3.034015	3.142373	3.263297	2.221822	4.429089	4.008515
2.24035	2.673739	3.153305	3.973682	4.965058	2.126828	3.606935	2.759919	2.7526
5.712049	3.2698	3.514938	5.498966	3.980764	5.403685	2.979469	5.563126	5.383534
4.118504	4.454169	4.915195	3.885296	3.281936	4.231926	4.237474	3.512766	2.416604
2.393502	2.832637	3.94532	2.110858	2.01599	1.492874	2.484358	2.344949	1.72699

TCGA-CS	TCGA-DB	TCGA-R8	TCGA-FG	TCGA-DU	TCGA-DU	TCGA-DU	TCGA-HT	TCGA-P5-
1.497665	1.025238	1.164276	1.036842	0.811618	0.449304	0.270122	0.386835	0.714993
2.525069	1.528981	0.176942	1.432539	0.891744	1.633943	2.049345	1.055979	1.739123
5.880839	5.538043	4.95857	6.014901	3.684404	4.171293	6.169666	6.007749	4.385313
1.801433	3.935498	4.045981	4.425072	4.771162	3.506039	3.966812	5.196761	5.743113
0.798747	1.123661	0.562079	1.319683	0.77493	1.04547	0.527728	0.991397	1.043685
6.562417	6.731028	7.203326	6.572594	5.545171	5.589727	6.319205	6.414836	6.87439
5.959956	4.56581	5.594148	6.029027	4.439578	6.204022	5.641188	5.46929	5.838357
0.548815	1.254343	0.852656	2.025363	0.492654	0.45388	0.694158	3.175555	0.49481
0.113906	0.256165	0.327826	0.117494	0.019287	0.012927	-0.01438	0.432884	0.059703
5.111252	5.325976	5.965055	5.52907	6.196515	5.226125	4.879851	5.643268	5.489757
4.2623	4.384379	4.292056	4.477669	5.330172	5.566938	3.989908	3.811409	4.393271
2.965542	3.119407	3.025519	3.71647	0.68427	2.339956	2.581915	4.190542	3.228954
3.006608	1.977333	1.262072	2.457377	2.699961	2.321396	2.195057	2.011326	2.642706
2.875741	3.684867	3.139297	3.737629	3.680034	2.790267	3.74897	3.596442	1.691979
5.163298	6.596665	5.76606	5.662941	1.056006	5.770692	5.251598	3.873648	5.657648
3.13914	3.268275	2.813293	2.395855	2.906253	3.380093	5.098133	3.028001	4.06284
1.823645	0.902959	0.69892	0.456815	0.13523	0.706206	2.145632	1.32681	0.790829
8.600093	7.401122	8.300709	9.038668	7.274695	8.853241	9.201429	7.191555	8.722857
5.214002	4.72349	5.359045	5.0923	3.461679	5.450843	3.418824	3.361505	5.410651
3.75579	4.481629	3.029582	3.960163	1.369395	4.174852	3.6866	3.543934	3.620793
2.371028	2.512009	3.471555	2.972203	1.436198	2.730991	3.749448	2.299472	3.640275
4.270255	3.300229	2.918707	3.677473	1.647001	4.960516	2.967659	2.895124	4.175969
2.758379	3.015286	3.185815	3.124609	2.043154	2.747511	2.929287	3.022473	2.716551
0.306731	0.576278	0.523371	0.295411	0.393797	0.630089	0.789759	0.470501	0.286281
2.962426	3.101831	3.17862	3.316134	4.575635	2.92395	3.445456	4.219756	3.171109
3.869944	2.255203	2.95989	2.748209	1.691593	3.128848	4.874383	2.024066	4.031315
0.845472	1.064889	0.776851	0.791513	0.463024	0.717291	0.46952	0.536545	1.530516
3.747037	5.45	4.448094	4.360462	4.075792	4.27462	5.374091	4.006933	4.527194
1.860809	3.655903	2.427777	4.043337	1.922604	1.789433	2.857999	5.414074	2.150454
4.212252	4.631437	4.721407	4.859404	4.950792	4.348832	4.379466	3.97509	4.44833
3.676534	2.986805	1.135749	1.549522	2.090935	2.712735	2.42053	1.345842	2.296289
4.257725	5.283088	4.505875	4.998108	4.664445	3.463503	4.658644	6.257933	5.021399
5.25161	5.058973	5.458491	4.637317	4.252612	5.04221	4.295365	4.348846	6.628417
2.605401	2.928056	2.323447	3.21482	3.994783	3.319372	3.484323	1.942659	3.349042
1.720995	3.336242	2.467597	3.660532	2.422305	1.716486	3.0602	4.758802	1.964397
2.75506	2.384953	2.434614	2.006251	1.124107	3.606481	2.038533	1.329529	2.940297
4.737548	6.403562	5.409863	6.262542	8.47144	4.900595	4.702667	7.007762	4.841947
3.830088	3.719457	3.624414	4.262992	4.46746	2.85803	4.941307	3.849263	3.077757
4.958154	4.85934	4.425227	4.665686	2.018202	4.759282	5.653638	4.631204	3.83147
0.098005	0.27764	0.099955	0.085275	0.067397	0.07984	0.179014	0.090685	0.078198
0.381215	0.48348	0.999369	0.702061	0.583889	0.287692	0.799216	0.480587	0.446735
1.956956	2.951623	2.257026	3.448992	3.13835	1.811126	3.22365	3.964797	1.698034
4.591566	3.149391	0.759213	1.81042	0.919515	2.123151	3.38885	2.035684	1.553973
0.943001	0.91988	1.896762	1.493779	0.087541	0.597211	2.029761	0.777524	0.777991
1.32506	1.178942	0.312697	2.338719	1.809625	0.475709	2.010918	3.116975	0.946049
11.72245	9.802218	9.111783	9.30102	10.31645	10.37683	10.86607	9.729958	10.38263
4.950213	6.663224	6.196134	6.970551	4.175823	5.470163	3.74016	7.338633	6.158778
3.144917	4.130463	4.439913	4.836697	5.479328	2.889851	3.565314	5.773168	3.479377
0.414861	1.251145	0.98984	0.74819	1.404867	0.865426	0.754449	0.538361	0.416386

0.705327	0.770665	0.315933	0.998101	0.220169	0.562611	0.624982	1.067425	1.066736
0.476342	1.513137	1.139503	0.351444	0.247777	0.38032	1.686938	0.743952	0.356254
1.280778	2.545931	2.19576	2.293272	2.849037	1.965061	1.267102	1.777562	2.225515
4.25634	4.7612	5.070743	4.605402	6.124368	3.955069	5.585292	5.094169	3.89416
4.193402	4.657295	5.120369	3.868279	2.092408	3.123319	3.624044	3.553223	4.015663
0.288592	0.137099	0.077074	0.197245	0.083393	0.117379	0.227972	0.022438	0.124918
0.695954	0.503806	0.976095	0.559033	2.512394	0.689772	1.038431	0.400151	0.590932
8.881982	7.563778	6.519147	6.579636	7.688493	5.295818	8.895111	7.464754	7.75573
9.246481	8.945094	9.651932	9.007423	8.589938	9.695425	8.236297	8.376329	9.233922
3.031009	4.242769	3.311885	5.083921	5.158559	3.314953	5.300187	5.626691	2.937602
2.492837	1.001687	1.231541	1.561066	-0.00497	1.117151	1.682415	0.772079	1.518357
5.157389	5.671736	5.04542	5.980351	8.353196	5.199681	5.970996	6.406789	5.023962
4.03992	1.741745	0.912882	1.826226	1.492903	1.468623	3.481552	1.527882	1.155169
2.613226	3.688409	3.662208	3.499158	1.004834	3.099393	3.022152	4.464875	3.261047
0.708864	1.157357	0.680732	2.41763	0.71987	0.67392	0.60238	1.907001	0.472824
10.69243	8.194682	7.906142	8.508471	8.473055	7.739191	9.241325	9.44301	6.953972
2.466593	3.725729	3.068475	2.613677	0.349115	2.60437	2.905783	2.562014	3.130481
3.32994	4.043851	3.791785	3.884123	3.333442	3.763178	4.729436	3.525521	4.03388
0.280795	1.135019	0.742528	0.485014	0.420289	0.138534	0.742395	0.522315	0.527886
5.127968	4.734231	6.314791	5.215624	0.469927	4.822045	5.411835	5.474605	5.480283
3.312768	3.406857	3.025223	4.616772	2.602705	3.115	3.570932	5.301742	3.370031
3.89827	2.441056	1.068056	1.524876	1.487157	1.952544	2.516651	1.413119	2.46048
2.551209	2.724034	1.929581	2.813073	1.792107	2.727481	3.031352	2.857239	2.877536
3.588174	5.307445	3.905596	6.343445	3.850014	3.070663	4.461299	6.955349	3.059989
3.764816	4.817958	3.419929	5.316679	5.439106	3.109642	6.69961	7.660341	3.444399
4.681698	3.09388	3.518263	3.029331	1.054507	3.148828	3.899768	5.515434	2.852748
3.849818	2.856971	2.440634	2.444782	4.508777	2.964089	3.50213	2.546402	3.367346
3.345395	2.951572	2.612229	2.237067	0.52465	3.197248	3.751133	1.503234	2.823013
2.30325	2.976284	2.513324	2.497389	1.322954	2.758585	2.216319	2.531587	3.085351
2.583753	3.625343	3.546287	4.029226	1.593088	3.704048	3.354943	4.172766	3.210571
1.448323	1.888368	1.865102	2.917021	0.841209	2.49733	2.671354	2.632177	2.257378
3.339087	4.585131	4.043077	3.055606	5.458389	2.247164	5.075735	3.249963	2.910942
7.45556	7.610582	6.800364	7.753183	12.37303	7.206183	7.585097	7.594531	7.136873
0.889047	1.335392	0.743305	1.057573	0.847567	1.00811	0.951004	1.740127	1.31005
4.956138	5.877318	5.448142	5.439153	7.465024	5.614714	4.389798	4.193947	5.70936
0.390735	0.851569	0.190716	0.835519	1.170936	0.308194	0.501783	0.859823	0.592987
2.943173	3.461013	3.434056	2.84231	1.316553	3.30591	3.601988	2.356705	3.408359
3.196343	2.501054	4.424192	2.968996	0.889681	2.297472	5.764927	1.051487	1.046707
1.715352	2.518403	1.495372	2.02038	2.026701	1.75569	2.379188	1.872738	1.762402
3.179243	2.765218	3.015172	3.083514	3.757877	3.016382	2.789084	2.055442	2.9036
3.396296	4.09979	5.827077	6.425771	2.530533	2.926899	4.817793	2.974412	3.994721
0.616851	0.185505	0.257059	0.363717	0.130213	0.279301	0.748177	0.101564	0.730513
5.284328	3.145697	0.928529	1.584208	3.205712	3.329488	2.997302	1.880721	3.318339
1.528896	1.284305	0.8002	0.317763	0.308189	0.596477	2.214	0.245124	0.008778
5.258681	3.307183	2.051603	2.955865	2.576459	3.750368	3.404835	2.106026	4.233261
1.486954	3.156335	2.838982	1.23675	2.907615	0.785833	1.766432	1.616521	1.480387
2.885477	3.830318	3.187001	3.85966	3.667736	3.008872	4.021532	4.826293	3.197693
3.582726	2.989714	2.361288	2.807319	0.397531	2.702868	3.387475	2.759627	3.038258
6.310034	4.69261	6.401944	5.791629	3.483039	6.378885	6.343265	3.950314	7.029074
4.747963	2.649354	0.570393	1.703724	0.347368	1.823603	3.078477	2.070155	2.389689
8.146324	7.420689	8.028677	7.111841	5.718668	7.30484	6.668411	5.952235	7.290717

2.686871	1.810304	2.167309	2.211054	2.258051	1.508654	4.389082	1.608528	1.712276
2.354728	2.539055	1.791399	1.780869	2.322822	1.771397	2.368261	1.654296	2.046939
2.616118	2.918264	2.430795	2.514897	2.348344	3.44401	2.686927	2.106219	3.513186
0.004396	0.415298	0.044593	0.092548	0.051696	0.369195	0.371072	0.060824	0.341704
9.279858	8.683921	8.41386	8.48341	8.574318	8.214266	8.59864	9.026389	7.456543
4.001979	4.205641	4.49389	4.306868	1.742803	5.387527	6.169491	4.657681	3.999862
3.288626	2.242511	2.410951	2.592901	2.572246	2.754542	4.754345	2.185447	2.296858
1.134148	0.44505	0.31234	0.463679	0.220659	0.239093	1.126686	0.7997	0.634587
3.823762	4.57112	4.319961	5.010994	1.748757	4.723967	3.668656	4.10367	4.697228
2.776655	0.996603	0.950989	2.057772	0.877296	1.094712	3.554363	0.779621	1.193235
2.141856	3.095938	2.747138	2.78792	1.180023	1.205872	2.612832	3.319692	1.389418
2.784092	3.116479	3.046658	2.988497	1.833451	2.816014	2.960982	2.148654	3.174217
0.103736	0.289698	0.099876	0.697803	0.041845	0.154641	0.146549	0.706562	0.061304
0.132306	0.205717	0.034159	0.131738	-0.03783	0.122222	0.360196	-0.00876	0.001448
3.271873	2.66052	2.245353	3.304481	1.537139	4.449158	4.563453	2.522471	4.419102
4.011235	3.383822	4.943815	3.028544	0.940036	3.931986	5.276028	2.797064	3.442413
4.045728	2.102778	3.416485	3.241663	-0.06912	3.530995	1.999748	2.153992	4.357597
2.634552	2.703041	2.981749	2.982559	0.349297	3.117941	2.371144	2.299579	3.214606
5.079389	2.740311	3.856709	2.963922	2.832758	3.677943	2.588688	3.799563	3.257377
7.727051	7.18301	7.476744	7.27627	6.666875	6.406741	6.897817	6.686074	7.460699
-0.03211	0.011932	0.088447	0.182757	0.082555	-0.05326	0.08985	0.567098	-0.05326
0.638983	0.751654	0.864056	0.91844	0.751385	0.578631	1.997649	0.918749	0.455162
2.92385	3.559199	2.938535	2.695382	0.587275	2.038147	2.199305	2.156167	2.625847
6.460065	7.235541	5.592956	7.178315	8.133971	7.066853	6.797247	8.377491	6.70446
0.041229	0.099176	0.044597	0.08447	0.19123	0.121878	0.112577	0.094395	0.041968
0.156198	0.427525	0.151521	1.084933	0.099409	0.235909	1.172597	0.701102	0.868692
3.827359	3.952792	4.168246	4.199435	1.7285	5.529696	3.074474	3.605183	3.881078
5.717358	5.488805	5.114593	6.905539	6.69803	5.52491	4.907888	6.262739	5.502992
4.484841	5.188086	5.43371	5.742131	6.488581	4.916119	4.241787	5.890006	5.092632
4.319343	3.848283	4.355974	4.920416	2.784357	5.545755	4.466763	4.792454	4.733594
3.504069	3.542862	4.033262	4.345549	1.358568	4.33916	4.312777	3.65872	3.994431
0.725038	1.170262	0.981301	0.690528	1.124149	0.575491	0.863666	0.784274	0.957031
4.33597	4.718126	4.838074	5.013779	0.471345	3.800191	7.20719	2.652107	5.658646
0.008083	0.091064	0.000681	0.152127	0.024593	0.015745	0.009105	0.488098	0.008838
4.301204	5.92717	5.03307	5.643831	2.932435	5.601807	8.087324	4.754904	6.06918
3.935148	4.200895	4.205434	4.638514	-1.2033	4.254265	3.882978	4.153667	3.841067
4.348617	4.386178	4.470744	4.791848	2.460539	4.867595	4.183991	3.179137	5.119785
1.668423	3.217548	3.071724	1.927323	0.768597	1.040641	2.559521	2.161172	1.79446
4.510727	4.408991	4.762373	4.833686	6.998135	3.912314	5.276058	4.150067	4.539531
2.000655	1.787233	1.403864	3.036029	5.339883	2.434241	0.965853	1.705334	3.054981
0.05696	0.734029	0.055298	0.578971	0.067401	0.045406	0.131487	1.616459	0.048472
3.700438	4.18244	4.167165	3.715624	4.750108	4.481078	4.190256	2.244724	4.473282
0.275608	0.286637	0.386712	0.336337	0.642961	0.364312	0.551461	0.301412	0.347718
0.216037	0.338091	0.184354	0.397892	0.026063	0.240333	0.178353	0.393054	0.070835
7.054385	6.019597	5.601017	6.355143	5.948178	5.583788	7.176532	6.389196	5.385412
3.845944	4.47677	3.583346	3.444663	1.653219	4.601428	3.80673	3.593204	4.446074
2.150741	2.127055	1.956474	2.623817	1.274442	1.580818	2.415288	2.655331	3.132198
1.369424	0.724745	1.754051	1.254974	0.055286	1.274891	1.462035	1.1142	1.197642
6.558187	7.07878	5.724713	5.482769	6.111675	5.003232	7.74162	6.601251	5.344986
0.06772	0.012251	0.023132	0.060754	0.048421	0.035108	0.087503	0.053275	0.085167
2.613532	1.569452	1.075742	1.101567	0.845115	1.067715	1.900681	0.968338	1.230024

2.904009	2.48487	2.857112	2.704491	0.866308	2.564353	2.727176	1.706841	3.049345
7.225958	5.237376	4.599037	6.094788	6.667168	5.968847	8.790932	5.6508	7.044431
0.377528	0.324178	0.274353	0.288498	0.145844	0.438133	0.227032	0.909532	0.298521
0.092679	0.17441	0.109147	0.130456	1.312976	0.196913	0.239003	0.469636	0.082884
4.376875	4.416871	4.175766	3.979215	2.711901	4.949874	3.166401	3.077606	5.196213
4.837655	5.853864	5.275368	6.653629	4.357764	4.290128	5.080291	7.848697	5.315104
0.071554	0.140495	0.072623	0.0513	0.026346	0.069493	0.061842	0.03151	0.189742
9.662024	9.664622	9.275324	8.723664	14.48546	11.69668	8.674942	7.599302	8.842221
4.369123	5.175935	4.585411	4.425608	5.177733	5.01376	4.179519	2.858837	5.117766
2.235647	1.336243	0.334131	2.524409	0.325147	1.549501	3.580626	0.379571	4.164104
7.669698	4.496277	5.235054	6.772029	7.683644	5.732757	10.62657	4.992763	5.85831
3.183047	3.662737	3.623325	4.054638	2.302308	4.110773	3.199321	3.085523	4.25396
3.173217	3.420886	2.398583	3.345743	2.066846	3.565782	3.556246	3.17757	3.855282
1.502209	1.039285	0.930703	0.701676	1.095373	1.004982	1.475755	0.794282	1.509375
0.070353	0.071497	0.040347	0.052701	0.045249	0.033072	0.164603	0.148852	0.175792
0.295338	0.770295	0.199036	1.350202	0.262548	0.698598	0.828953	0.561264	0.383763
5.300599	5.422968	3.350679	3.829844	1.657886	5.517536	5.94816	4.194044	5.582805
2.09098	4.49314	2.75443	2.657961	1.878918	2.440078	4.521322	2.935176	3.210064
1.09922	2.540156	1.994852	1.150574	5.186531	1.964148	3.331963	1.11711	1.357438
4.494622	5.795824	6.105702	5.606545	4.332876	4.574668	5.497994	5.483684	4.015665
1.338049	0.844387	0.149536	1.697434	0.541162	1.606538	0.629024	0.23906	5.398886
4.400812	5.731357	5.845924	5.218905	2.351795	5.122016	4.853548	4.970344	4.007079
0.867955	1.655625	1.292201	0.770398	4.041082	1.141624	1.357121	1.635458	2.095857
3.06468	3.420843	2.96831	3.368313	5.749382	2.01907	3.700352	3.318346	2.711611
0.908878	1.73003	0.797059	1.111751	3.211975	1.392733	1.453692	0.888214	0.892051
0.838206	0.780759	0.186608	0.642807	0.036645	0.053601	0.690856	1.046241	0.43383
4.79077	5.063731	4.994756	4.633488	5.148872	5.087343	2.874403	4.428686	4.797179
6.078874	5.468995	5.820859	5.531671	2.662569	5.35635	5.476679	4.961916	5.721437
1.403843	0.966319	0.282062	0.373462	0.142305	0.666097	0.691255	0.636403	0.587707
3.671327	5.725953	5.594426	5.061122	1.872039	3.720186	8.488265	2.882977	5.495916
6.677998	6.934395	7.197324	6.466309	5.118625	7.586828	6.630667	6.338054	7.851801
0.311345	0.292985	0.773561	0.825197	0.175242	0.383273	0.113089	0.723553	0.299921
2.900052	2.823563	2.53042	3.238163	2.888528	3.101047	2.409859	2.759819	2.982728
3.567965	1.985071	1.349585	1.797852	0.275427	1.965912	1.886629	1.24029	1.828947
2.735999	2.718443	2.076064	2.300981	0.874679	1.671635	2.848143	2.454944	1.714189
4.836188	3.651885	4.231132	4.258822	0.037241	3.666003	3.039726	3.456231	4.684999
2.623806	0.72726	1.868114	1.853416	0.487255	0.458666	4.012625	1.019283	3.288651
2.38517	1.879718	2.74226	3.352897	0.079164	2.802939	4.09518	2.628134	3.792586
3.482983	3.74384	2.519736	2.54415	2.468415	4.380653	3.823246	2.923561	4.063829
10.07918	10.34278	8.002553	9.21592	8.074392	8.99445	9.453372	9.250397	9.758605
4.460946	4.482442	4.174277	4.327044	2.878922	5.548021	7.31481	4.182177	5.279975
4.823608	3.475799	0.826105	2.514543	0.795855	3.654252	3.097829	2.409694	4.286016
9.054235	6.730593	7.978383	8.808307	4.008427	7.849784	6.640877	7.821428	7.449309
3.293785	3.36651	4.789695	3.592141	2.7628	3.797643	2.795771	3.313568	4.237549
2.338024	3.189115	3.364357	3.545595	2.014241	3.387271	2.936364	3.720933	3.603171
0.358688	1.153265	0.895704	1.929591	0.624335	0.354189	0.758796	2.29184	0.367148
2.233593	2.687717	2.991278	3.10506	0.647115	2.666642	2.845284	3.130421	3.126623
3.598388	4.530874	4.206225	4.049915	2.542708	3.690339	4.067456	3.953437	3.707667
2.656526	3.232666	2.99178	2.629243	1.92397	3.301374	2.742222	3.170889	3.151904
1.461762	0.91676	1.676053	2.318852	0.64537	0.559249	0.94645	2.615777	0.920066
4.059316	2.595564	2.329254	2.346757	1.664688	2.940715	2.79292	1.663385	3.74663

1.580625	1.822982	1.759253	1.818652	0.393865	1.963102	1.173547	1.211641	2.031623
3.164802	3.159489	2.711874	2.890727	1.20515	2.018935	2.986422	3.710963	3.475385
5.053003	3.861358	4.971455	3.680762	7.179657	3.583258	5.773182	5.420342	4.937177
3.677085	4.034103	3.960031	3.640747	6.775	4.111133	4.499116	3.585312	4.194435
0.777956	1.549377	1.252937	1.112759	2.047283	1.556475	1.441208	0.72313	0.773669
3.810663	4.396102	4.216373	4.424864	5.239797	6.074009	6.102036	4.746831	4.633423
3.060259	2.732917	2.474436	1.72003	1.280948	2.349332	3.533419	1.893106	2.178866
4.983191	4.43616	4.529414	4.195702	0.972819	4.827531	4.159422	3.265477	5.340356
4.651457	4.601555	5.135494	5.129672	4.73813	4.795459	4.120196	4.768139	4.768663
4.488062	4.694409	4.586149	5.38524	0.46394	5.534047	2.496761	6.443221	5.380385
4.795658	5.592044	4.264464	4.615246	3.309365	5.087703	5.304004	4.324417	4.186985
4.444972	5.805825	5.229557	5.253531	7.064881	5.156529	5.450404	4.669104	5.079831
7.073782	5.900359	7.329118	7.180487	4.520113	6.12574	6.3114	7.321142	5.641137
3.94785	4.877944	4.589079	4.609457	2.801438	5.763154	4.861829	2.740823	4.953301
3.408455	3.071333	2.675949	3.379536	3.859844	3.586765	3.947411	2.945827	3.748546
5.41427	7.261019	6.851448	6.099385	3.590849	6.470792	6.719824	5.452726	4.746911
2.013963	2.528509	2.896955	2.415004	0.4264	2.697435	1.397066	1.638979	2.50708
2.964531	2.481825	2.756233	2.157014	1.811313	2.070356	3.145328	2.097448	2.841733
2.590923	2.265048	2.396949	1.836047	0.697017	2.278661	3.992229	2.384417	2.090701
3.089527	2.903049	2.227121	1.956934	2.821021	2.146813	3.116025	2.39664	1.799972
0.404042	0.184152	0.095577	0.89933	0.207323	0.182735	0.40838	1.018713	0.204264
4.374811	5.220742	5.02564	5.440703	4.879368	5.384972	4.946357	4.756574	4.689763
5.491145	4.798537	4.160595	4.232682	1.527852	4.814788	4.565099	4.313	5.172633
5.493171	4.990165	5.448901	5.681625	2.09193	5.950218	4.440811	4.76068	5.954704
-0.01599	0.295097	0.155861	0.127955	1.091323	0.110772	0.272804	0.372665	0.196047
3.770412	1.668286	0.674928	3.200311	0.787355	2.17156	1.434646	1.670676	2.880797
2.900823	4.274702	3.776588	3.604441	4.187854	2.703494	4.727874	3.626037	3.430025
5.846617	4.215064	4.53625	3.8668	1.312688	4.545009	5.183735	2.870771	5.346797
1.396889	2.210361	1.434263	1.798052	1.843671	1.804413	2.001672	1.82086	1.765811
2.81618	3.148019	3.811283	3.470773	-0.02049	3.325114	2.957056	2.89743	3.930749
5.984035	7.360793	6.818195	4.71537	6.108598	6.38773	6.287462	5.201883	6.423651
2.289252	2.852472	2.555193	3.037873	1.291639	3.185667	1.843779	2.311739	3.040621
0.458311	0.45092	0.94371	0.324967	0.183809	0.214647	0.372945	0.349136	0.460348
4.273173	4.671899	3.330608	5.160537	4.400325	3.576298	4.882695	5.240298	4.217319
4.290799	3.637165	3.039922	2.555342	0.410688	3.765841	3.625921	2.391341	4.099124
0.882874	4.514475	1.501972	5.417877	1.527579	0.85027	2.306832	6.170535	1.216925
2.143484	1.623026	1.48678	1.36745	2.568336	1.628618	3.701989	1.402951	1.750831
0.380848	0.122829	0.106585	0.192846	0.016725	0.38704	0.253991	0.423237	0.085464
5.650213	5.673402	4.554759	4.899796	6.211918	6.432683	5.772245	4.655284	5.606947
6.548774	3.861155	4.563206	3.727743	3.222568	4.875334	6.624715	3.656458	3.328155
5.426899	4.843029	5.628374	6.076538	5.23309	5.719197	6.445067	5.299408	6.119002
5.649706	5.174604	4.395858	4.556977	4.236574	6.365346	6.028381	4.898849	4.927766
3.572241	3.748304	3.330597	2.957788	5.971094	2.761925	4.124784	4.415958	3.118573
3.039499	3.069137	3.10727	2.275352	1.581856	3.415477	2.4227	1.362225	3.338245
3.096536	3.566286	3.439195	3.904587	2.985774	3.5997	2.363688	3.373666	3.848408
2.425654	0.296843	0.187529	0.589642	0.18268	0.159725	1.461267	0.273783	0.68421
0.220455	1.764946	0.286197	3.007566	0.796613	0.081835	1.133658	3.859101	0.134039
0.515482	1.863816	0.607675	1.191162	3.954506	2.231467	1.00585	0.62429	0.762694
1.904916	2.360686	1.581213	1.382757	2.081347	0.873863	5.893729	1.088354	0.848389
6.013107	6.765105	6.845439	6.085628	6.782114	6.515185	7.429023	5.898912	5.885296
3.502208	3.766906	2.857683	3.048613	5.593722	3.368025	4.110519	3.82038	3.513306

3.793176	4.377746	4.988632	5.397763	1.61529	3.481631	4.055938	5.069561	3.892671
3.01163	4.088724	3.385049	3.949543	4.129212	3.22946	3.320504	2.99937	3.836157
3.463	4.191259	3.565285	2.943261	2.844093	5.144494	4.395257	3.007548	4.099073
3.08786	3.447167	2.249026	3.094641	2.334461	2.674771	4.231385	3.611178	3.443299
4.735083	4.741003	5.204913	4.887952	4.036231	5.549237	3.592447	5.410685	6.024114
3.275683	2.297471	5.215246	5.082933	0.29198	3.680333	2.6708	4.18609	2.997018
1.888292	2.175431	2.341065	2.341173	1.264222	2.836355	2.518366	1.764752	2.512455

TCGA-S9-	TCGA-HW	TCGA-DH	TCGA-DU	TCGA-FG	TCGA-E1-	TCGA-DU	TCGA-E1-	TCGA-DU
0.62085	2.475765	1.234553	0.574259	0.778718	0.414978	0.481646	1.735026	0.924365
1.828579	3.072622	0.530328	0.890662	1.550735	0.607361	1.808211	1.699111	2.095922
4.999725	4.849195	5.58357	4.547894	5.60823	4.616113	5.318329	5.379045	5.21523
1.415901	3.072677	8.936129	3.712896	5.853166	1.373992	3.11498	8.325113	6.032127
1.088378	1.249198	0.975265	1.699316	1.175265	1.719551	1.29902	1.038666	1.520099
7.422358	6.572639	7.683086	6.633064	6.657759	6.132335	6.439468	7.81191	7.92659
5.155171	5.686422	5.862234	5.262104	6.120504	6.516674	6.404296	5.706068	5.41793
0.779888	0.448168	1.31291	0.63421	0.999495	0.814851	0.644628	0.713003	0.697941
0.269541	0.307463	0.84762	0.246064	0.181673	0.082363	0.038545	0.364432	-0.01335
5.775892	5.317086	6.633577	6.216702	4.321764	6.374497	5.722095	5.706601	5.256884
5.953704	4.41318	5.499621	3.6484	4.369274	5.204154	5.746506	5.801107	5.198974
2.347938	4.129599	3.237235	3.960693	2.679405	4.535767	3.034697	2.675503	2.917428
2.450602	3.279742	2.871925	1.303899	2.179327	2.431156	1.739537	2.301609	2.284668
2.575002	1.681341	5.603431	2.885744	4.409647	2.002935	2.547351	1.466538	2.624576
4.448938	6.481174	3.99131	6.119349	5.559603	5.272421	5.757115	6.256109	4.713435
2.943584	3.388406	3.844018	2.638658	4.768196	3.48982	2.081516	3.120425	3.473112
0.34388	2.353914	0.71492	0.829012	1.521063	0.730352	1.203491	0.935235	0.98496
8.26372	8.856997	7.066227	8.429779	8.636135	7.353742	8.659534	8.544343	8.654344
5.529047	5.218814	6.080514	6.459407	4.133414	5.797545	5.338668	5.186684	5.491371
4.285075	4.353768	3.166915	4.471476	4.415278	4.419204	3.400083	3.790845	2.120218
3.346242	1.752868	2.324977	3.549756	3.536114	4.12691	3.549111	3.328056	3.934454
3.009967	2.590556	3.488697	2.950705	2.555368	3.662402	3.454494	3.462135	3.117841
2.773464	3.199195	3.20587	3.338849	3.338579	3.035441	2.705513	2.757511	2.359651
0.389589	0.323365	1.699847	0.679698	2.557569	0.540316	0.253816	0.290941	0.337507
2.613366	3.589854	4.491278	2.699408	4.01297	3.952868	2.431922	2.516041	3.059863
2.119997	4.938311	3.00865	2.665991	3.515395	2.489501	3.395612	2.629236	3.014881
1.025011	0.510736	0.717092	0.914581	0.555092	1.176019	0.897549	1.407931	1.089854
5.079162	3.660969	5.936607	4.334953	4.568687	5.617905	4.479297	5.570012	4.870812
2.718271	2.091844	3.309723	2.721108	3.064502	2.824859	2.260318	2.462499	2.533119
4.53659	5.054554	5.13835	4.727201	3.897024	5.433617	4.64579	4.59157	4.618879
1.540837	4.593261	0.630728	1.57726	2.96861	0.724321	3.758298	3.505612	3.561099
3.521328	3.635558	4.95253	4.311811	4.047843	6.565109	5.872276	4.983234	4.307428
6.418731	5.006111	4.633445	4.11546	5.30809	4.16019	5.21759	5.666824	5.888331
3.309449	2.840537	3.817137	2.071086	3.537913	3.576455	2.960285	2.802708	3.534987
1.795387	2.575667	2.452519	2.115575	3.763246	3.051464	2.380261	2.341485	1.965384
2.339035	3.434606	2.064273	2.832501	2.096546	3.17982	2.284133	2.894929	2.246428
5.780116	5.085914	6.255474	4.920569	5.120093	5.26466	5.524325	4.986408	5.841505
3.029721	4.486051	4.33195	3.319092	4.310405	3.944582	3.534395	3.706965	4.25078
4.069613	5.282069	4.416408	4.587058	5.439549	3.929881	4.901955	4.212889	4.189337
0.062522	0.219754	0.161888	0.12053	0.142042	0.075875	0.113112	0.092176	0.135052
0.862233	0.183086	0.305018	0.752103	1.307533	1.404296	0.295308	0.766512	0.859065
3.007604	1.945588	3.521066	2.375168	3.191293	1.876778	2.389275	1.635728	3.884198
1.027017	4.477549	0.733269	1.527585	3.565499	2.048223	2.749144	3.06445	5.314275
1.00207	0.890714	0.700861	2.026038	0.899171	1.358833	0.719404	0.530979	1.286651
0.748008	0.603487	1.192619	0.287371	1.816088	0.348554	1.062207	0.42183	0.823015
8.816644	12.55306	9.990683	8.825414	11.22111	7.55197	10.23669	9.686093	10.35626
5.674822	5.285631	5.83132	6.438999	5.160221	5.585595	6.09202	6.086176	5.797252
3.761313	3.979746	4.554943	4.690457	3.542336	4.595935	3.701279	2.924592	3.23619
1.180164	0.577878	2.662762	1.070482	1.107439	1.762838	0.517618	1.0356	0.928543

0.402846	1.007919	0.410507	0.270794	0.654908	0.424787	0.644717	0.568367	0.386277
0.977144	0.268802	3.133843	0.389463	0.281367	1.527445	0.568963	0.901301	0.561622
2.747038	1.708625	2.873286	2.653993	2.122522	1.919835	2.049088	2.355078	2.084842
4.19677	4.313198	4.548176	4.86624	5.300063	4.436541	3.306293	3.64873	4.125974
3.939965	4.33204	3.071799	4.690528	4.316459	4.047293	3.474584	3.939422	2.711731
0.045113	1.036317	0.065154	0.140255	0.377255	0.060851	0.110996	0.189501	0.519522
0.483086	0.342104	1.191635	0.403516	3.34313	1.804755	0.462157	0.689068	0.509756
8.786413	6.82133	5.734302	7.206246	8.183255	1.892973	7.681684	8.196735	7.892501
9.872962	9.044479	8.088634	9.560121	9.584301	8.988421	8.782409	8.471743	9.810282
5.600763	3.687955	5.252526	3.52416	4.314183	5.032801	2.756497	3.491522	4.184656
0.74548	2.292991	1.195807	1.160052	1.987262	0.85839	3.588696	1.172595	1.96231
6.670295	5.816285	7.076717	4.529501	6.462365	5.054773	5.198209	4.391193	7.459379
1.219007	5.054429	1.148308	0.650654	4.20985	1.111887	1.371153	0.95339	5.853568
2.839219	2.713362	4.37343	3.169533	2.48285	3.907086	3.256192	3.562433	3.103472
0.563366	0.751735	1.469996	0.657133	1.230943	1.624139	0.907224	0.610372	0.434425
8.929293	6.081492	8.548824	6.080584	11.36166	8.236774	8.936245	9.073435	6.585584
2.155386	3.358717	2.669282	3.133359	2.609855	4.621965	2.706384	3.158647	2.167184
3.894911	4.220793	4.726786	4.108367	4.238136	4.635106	4.09444	3.915492	3.588208
1.134866	0.493325	0.890585	0.553259	0.292694	1.193641	0.908581	1.986773	1.10347
5.470226	4.804659	4.326344	5.647254	5.001407	5.321855	5.019538	4.897043	6.360329
3.5575	3.308028	3.846006	3.702677	3.312013	4.246242	3.304389	3.356221	3.361719
1.51635	5.373819	1.767184	1.550982	2.831809	1.001519	2.02692	2.789883	3.019654
2.63331	2.926497	3.136439	2.935826	3.062336	2.752172	2.860667	2.66262	2.154175
3.812549	3.111844	5.153904	4.192234	4.742861	4.682846	3.651911	3.22311	3.866987
4.336787	3.777831	5.321432	4.422049	6.830238	2.333705	3.57601	3.360646	5.34786
2.902232	1.49593	2.585214	4.722826	2.449657	1.196141	1.267011	2.425667	2.069995
3.076426	3.411814	2.345809	1.67229	2.952914	0.468735	2.750723	3.426072	3.440126
1.568378	4.063619	2.018811	2.307692	3.167559	2.513324	3.414708	3.461478	1.577247
2.441794	3.229723	3.273882	3.201311	2.333768	2.634462	2.820484	2.821657	2.214741
3.299549	3.110401	3.229239	3.442755	3.182314	3.359442	3.472585	3.098524	2.624797
1.512674	1.395933	2.324256	2.235063	2.16897	3.487286	1.764646	1.414155	1.887789
4.015925	3.266535	4.941889	3.031359	3.109009	4.199165	3.372304	4.747791	4.61629
7.991375	7.017707	8.269577	5.856564	8.043669	7.048148	7.189943	6.823818	8.308454
1.012309	1.135638	0.750489	0.790261	0.726867	1.112557	1.085756	1.488193	0.534037
6.014346	5.051841	6.459979	5.199237	5.448068	6.306789	5.408381	5.03507	5.751714
0.390479	0.079326	0.431841	0.273945	0.647331	0.680203	1.195476	0.587994	0.298196
3.137702	4.112112	3.511787	3.593862	3.074439	3.816236	3.177293	3.676753	2.392535
3.672382	3.774134	1.388723	3.1445	1.607577	1.786782	5.204482	3.975839	3.410038
1.419919	2.29855	1.603628	1.869841	1.689462	2.065353	1.859454	1.819755	1.680226
2.741229	5.316868	3.979891	2.739715	2.964938	3.011144	2.927293	3.155703	3.435274
3.308519	2.689472	5.554761	5.878459	5.656698	6.269491	4.652865	5.402574	3.007615
0.151661	0.334827	0.083868	0.148554	0.936263	0.127432	0.228954	0.257372	0.13331
1.868612	6.11769	2.130084	1.5054	4.428981	1.261662	3.316827	3.765659	5.968843
0.167203	0.052399	-0.02143	0.958176	0.353356	1.479565	0.643155	1.717287	0.520552
3.175965	6.153689	3.410561	2.019714	5.683338	1.559282	4.042723	3.963298	4.298857
2.780904	1.258948	2.091572	1.359243	1.121761	2.597133	1.763468	3.390033	2.485872
3.716656	3.289413	4.42452	2.723568	3.323753	4.156956	3.171096	4.088276	3.599007
2.829529	3.561024	2.3764	1.8857	3.60988	2.320002	3.428328	3.600121	3.775397
6.63382	8.098213	5.744453	6.101835	5.333553	7.755058	6.020663	6.534827	6.172714
1.405618	5.107954	0.911369	1.222627	3.818971	1.3074	2.817163	3.409878	4.482445
7.378123	6.855269	6.558919	7.474062	7.302676	6.562338	6.938154	7.299578	8.594664

2.052984	2.430394	2.176002	1.153594	2.777978	2.697288	2.18734	1.855345	1.209259
1.802586	2.025516	1.872952	1.582791	2.24208	2.17317	2.079889	3.311768	2.048461
3.479392	3.339442	3.213689	4.04911	2.179453	2.879988	2.852805	3.323559	1.836501
0.033814	0.425353	0.156351	0.185578	0.844368	0.119683	-0.01725	0.63932	0.820871
8.524533	7.768622	8.035506	7.742967	8.670153	6.781052	9.010436	8.608124	8.353019
5.200911	4.904784	4.408863	4.261587	5.510769	5.010251	3.816081	4.294112	4.50895
2.882917	2.935624	2.362862	2.487157	3.202286	2.569533	2.378699	3.704652	3.248214
0.452543	2.97917	1.071539	0.25446	1.524239	0.418153	1.058789	0.502803	0.549465
4.361961	4.653844	5.270805	5.778229	4.433183	4.802055	4.829296	4.050452	3.633298
2.24848	2.981643	0.757797	1.63433	4.334664	0.662635	1.299559	1.415721	2.171742
2.272031	2.401021	3.052831	2.564447	2.6483	3.547325	2.306757	2.959791	2.545205
2.90709	3.157424	3.286587	3.310083	2.913685	4.236676	3.165767	2.771669	2.382236
0.245402	0.012344	0.380264	0.115452	0.317208	0.428515	0.136013	0.18313	0.355371
-0.02701	0.260037	-0.0448	-0.00937	0.709937	0.227699	0.058565	0.262462	0.264874
4.453563	2.998807	1.450807	2.786448	3.967239	1.273233	3.715868	2.652807	3.316823
3.99941	4.1584	2.724214	3.701561	1.950763	5.254324	4.577997	4.76801	3.536106
3.024674	4.286646	1.582331	3.02581	2.333839	0.584527	3.459996	4.438824	3.559426
2.689685	3.156565	3.374961	3.676338	1.801915	4.601413	3.280265	3.256307	2.439797
3.138949	4.595037	4.090808	3.930297	4.154761	4.134096	4.14832	4.025468	4.573939
8.575783	6.536259	6.254431	6.638893	6.416524	6.668196	7.185042	7.467189	7.402754
0.046953	0.102628	0.065245	-0.03404	0.814975	0.01086	0.241582	-0.05326	0.043698
1.09129	2.209365	0.58341	0.452009	2.993664	0.742918	0.299371	0.549076	0.84679
2.447562	3.035803	3.000898	3.358735	1.945795	3.818874	3.924632	3.234281	2.699243
7.460152	5.765954	6.889865	6.716381	6.866572	5.774398	6.609139	6.81081	6.760808
0.373692	0.022674	1.472476	0.051092	0.044188	0.060587	0.043229	0.280112	0.045343
0.723464	0.212102	0.277469	0.221315	1.25146	0.234947	0.423859	0.231615	0.107856
3.687637	4.191219	3.796474	4.742142	3.526953	5.131847	4.939187	4.226581	2.826161
6.172065	5.520661	6.415683	5.231902	5.401464	5.813119	5.753727	5.423162	6.126757
5.770355	4.799564	6.042799	5.335862	5.556627	5.537897	4.792723	4.575958	5.500068
4.1644	4.340443	3.900611	3.744054	4.766693	4.104421	3.908139	4.264455	4.339836
3.802218	4.139943	4.324555	4.477114	4.275446	4.576	4.004584	3.911394	3.55739
0.669899	0.940223	3.561137	0.620342	2.26048	0.715847	0.865651	1.342206	0.913689
3.252677	4.420857	3.094044	2.103236	6.110969	4.879071	4.966905	5.625921	4.399747
0.009501	0.006195	0.115689	0.014124	0.013876	0.015675	0.014709	0.009146	0.000681
5.85417	5.316202	3.96884	3.299219	6.441153	6.471396	5.353635	6.503909	4.729745
3.575507	4.207433	4.591476	4.589885	4.01819	5.20989	3.530349	3.855337	3.848062
3.640494	5.498558	3.839394	4.284544	4.977407	4.863114	5.157299	4.951232	4.256119
2.44649	1.997805	3.229677	2.086648	1.706017	3.452983	2.247142	3.739052	2.360398
4.73815	4.357506	4.976846	3.579672	6.515939	4.9592	3.579441	4.37937	4.292674
2.050915	1.066089	4.182033	2.885218	2.725649	3.180914	1.535676	0.950167	2.078752
0.231535	0.007441	0.305834	0.160214	0.247424	0.118384	0.042817	0.063962	0.021862
4.521703	4.675568	5.55943	4.323615	3.889303	4.799917	4.188515	3.842079	4.449581
0.284941	0.361707	0.35755	0.327396	0.361735	0.319867	0.261875	0.481536	0.21423
0.246907	0.253526	0.263444	0.371034	0.143004	0.309089	0.115177	0.060202	0.210349
5.479963	6.358447	5.895374	4.687443	7.082942	5.894612	5.208626	6.02334	6.46903
4.184282	4.536512	2.476072	4.211752	3.150262	2.076363	4.524782	4.709998	3.329881
2.595723	2.247625	2.398395	2.204214	3.471871	3.571965	2.854193	3.349554	2.362588
2.543528	1.331681	0.78969	1.604852	1.706076	0.104173	0.821495	1.708488	1.798004
6.345896	6.307709	6.659271	4.920722	7.659152	5.81366	5.399185	6.517217	7.618627
0.038956	0.053752	0.050054	0.042761	0.295727	0.035004	0.064916	0.037889	0.025227
0.708875	3.768156	1.923996	1.0728	2.529889	0.827504	1.334009	1.465197	2.373531

2.432509	3.325906	2.838628	3.139468	2.879476	3.363225	3.338493	2.98558	3.011993
5.089888	6.610595	5.738723	4.573669	5.765285	4.941917	6.178149	5.292896	4.864266
0.214042	0.14239	0.19861	0.287731	0.582304	0.095144	0.121777	0.123346	0.215571
0.247237	0.069426	0.433835	0.291142	0.34094	0.294299	0.108192	0.220191	0.234668
4.833363	5.37398	4.776066	5.528445	5.308689	4.716797	3.777837	4.339061	5.004346
5.752859	5.423579	5.212095	4.88616	5.735905	4.602621	5.319727	5.653366	5.431383
0.071183	0.073415	0.054597	0.058302	0.035646	0.196621	0.080206	0.14694	0.069413
11.46427	9.436618	10.58387	9.858449	9.020999	9.728615	11.04121	10.28475	10.44027
4.700452	4.947792	5.18852	4.384955	4.616333	5.570225	5.66067	4.818984	4.944093
2.295427	2.098582	0.562485	0.229703	1.797129	0.761691	2.799099	2.513828	0.45955
4.408696	7.102012	6.369485	4.197306	8.01019	10.18299	5.498995	7.356204	5.210333
4.35515	3.511161	3.995171	3.978629	3.546163	3.889701	3.573956	4.0355	4.361715
3.347968	3.579486	2.673494	2.94315	3.671348	2.846263	3.688857	3.074384	3.403193
0.611656	2.101575	1.448209	0.56579	1.480097	0.611506	1.300644	1.903124	1.189603
0.033072	0.082831	0.050024	0.046734	0.072949	0.063387	0.054403	0.100605	0.033072
0.61963	0.640391	0.848486	0.448012	0.942367	0.207327	0.726509	0.57871	0.547473
5.182664	5.726371	3.938127	3.862936	5.34086	3.586115	5.052456	4.854051	4.679787
2.203737	2.009261	6.537359	2.761799	3.82672	2.862215	2.520837	2.297616	2.809051
1.762136	2.895321	1.722387	0.905359	1.425694	2.514804	1.685622	2.449356	1.702381
4.198316	4.945534	4.170463	5.732792	5.549319	6.019906	5.451766	5.302795	4.853687
0.601748	1.55367	1.090908	0.18317	0.533817	0.237756	2.345079	1.223468	1.205945
3.127615	3.662685	5.835355	5.828481	5.693773	3.556045	4.340315	3.472669	4.514918
2.629253	1.289224	2.694323	0.585337	1.409012	1.645578	1.678366	2.341825	2.882299
3.644204	3.106189	3.628348	2.696089	3.166083	3.488829	2.539116	3.546071	3.927099
1.640382	0.92052	2.829017	1.421197	1.970682	1.699438	0.815779	1.277353	1.489351
0.546516	1.841068	0.742045	0.26121	1.216745	1.002699	0.503882	1.018926	1.248984
5.430364	4.706788	5.142276	5.508685	4.433283	4.660434	4.381835	5.11633	5.077485
4.151218	6.058396	3.735132	5.665243	4.819924	5.613857	5.366301	4.685317	3.510979
0.276327	2.965938	0.442274	0.508331	1.030118	0.499259	0.504053	0.754456	1.278628
4.385626	3.221364	3.828153	3.376136	6.106963	6.346882	4.514772	4.402315	4.387805
8.393883	7.135571	5.309453	6.753277	6.990329	3.674642	5.967798	6.024849	7.292631
0.48125	0.071811	1.225606	0.457785	0.36595	0.637948	0.189469	0.124395	0.241394
2.688609	2.970537	2.518039	2.812054	2.950496	2.602049	3.319655	2.556763	2.717764
0.940311	3.67248	2.312321	1.677711	2.358574	1.084303	1.912629	2.509852	2.561889
1.873527	2.510555	2.312307	1.664706	3.481596	1.587999	2.632202	1.646903	2.610861
3.130583	4.582952	2.522096	3.777146	3.812314	4.174529	4.325771	4.156052	3.442337
2.49477	1.880977	0.52731	0.758608	1.761887	0.41382	2.240294	3.194623	2.280925
3.095607	2.00599	2.432471	1.926683	3.267462	1.732574	2.192704	2.21405	2.267535
3.594941	4.019329	2.979061	3.537191	3.62381	3.48281	3.816431	3.478581	3.098411
7.144429	9.348821	8.455784	7.122594	10.8766	10.88365	10.51178	10.1999	9.620524
5.355512	5.384206	4.124119	3.845667	4.631132	3.873009	4.368841	4.542735	4.245417
1.980248	6.536253	1.193263	2.844262	3.323791	1.052373	4.556946	4.026277	4.478787
8.54453	6.480582	8.420746	8.727678	5.999437	6.82984	7.7788	7.796179	8.618448
3.791352	3.304172	3.298375	2.433641	3.598885	3.683496	4.383231	4.74689	4.722182
3.430474	3.246056	3.883004	3.911185	2.242756	4.310417	3.14968	3.589563	3.027807
1.495821	0.463756	2.320771	0.809897	1.927003	2.012217	0.967524	1.018171	1.34793
2.351661	3.420076	1.745192	3.254678	2.787077	2.710972	2.416432	2.539936	2.149037
3.420631	3.075086	3.81238	3.469429	3.727919	2.635744	4.480509	3.424467	2.779956
2.646224	3.287252	3.771328	3.350399	2.529175	3.126257	3.219559	3.128189	2.446286
0.912455	0.380849	1.183115	2.081464	2.48619	1.71149	0.95336	0.840986	1.618733
2.719966	4.003072	3.049415	3.34977	3.836502	3.357692	3.186579	3.103822	3.603635

1.53106	1.603601	2.263437	1.984605	1.582036	1.756548	1.882272	1.831682	1.998714
2.714309	2.237951	2.035671	2.696563	2.225147	3.850029	3.070113	3.476324	2.896441
3.699778	3.121612	4.207624	3.905593	4.743504	4.167569	3.003234	3.288052	8.672302
4.952995	4.146534	4.464587	3.474628	4.302792	3.474181	3.680429	3.82531	5.237596
1.11351	1.116124	2.489715	1.226133	2.631788	2.147311	0.626435	1.13147	1.075857
5.040268	3.985318	4.86719	3.952301	5.995983	4.624468	4.363246	4.604448	4.393904
1.181726	4.583171	3.224207	2.316873	3.435532	3.071517	4.128192	2.485301	1.479858
3.646436	4.943059	4.017551	4.449817	4.626849	5.639418	4.988438	5.145772	3.634491
4.787358	4.825432	4.723079	5.195173	4.16096	5.545725	4.830063	5.168144	4.241503
4.194748	4.946266	3.741322	4.939123	4.643941	3.93651	5.279586	4.47817	3.471106
3.679889	4.701268	5.591325	4.415753	4.686239	4.255151	5.021262	4.040166	4.451434
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6.782897	3.478707	5.042969	7.450525	5.642538	3.178502	3.980788	5.841675	6.299545
4.549271	4.027329	4.308939	4.598994	7.28483	6.364427	4.76366	4.700886	3.467734
3.512109	3.848651	2.987254	2.682603	3.657889	3.480528	3.13528	3.883166	3.52383
6.102729	5.507231	4.392145	5.952669	5.482317	6.432621	6.180464	7.028731	6.632774
1.509602	2.901706	2.225477	3.255469	1.623129	3.860038	3.198042	2.922001	1.27304
2.004005	3.406417	2.991036	2.636415	3.485654	2.835585	2.527918	3.031198	2.493189
1.758783	2.9988	2.437352	2.185988	3.680119	1.848295	2.589715	2.604602	2.329343
1.628798	4.553564	3.713656	1.438492	3.480593	1.445551	1.863657	2.560954	3.654928
0.340191	0.418869	0.101149	0.229308	0.516578	0.171058	1.012295	0.387303	0.331652
5.488024	5.391771	5.349651	5.845907	4.684055	5.371348	5.744989	5.276636	4.947326
5.176655	3.694223	3.261551	4.230019	4.16451	3.899877	5.341884	5.137667	3.536739
5.126479	6.29711	5.13356	6.532172	4.234583	6.365378	5.885121	5.045113	4.798797
-0.06651	0.934059	0.700083	-0.08436	0.489801	0.28826	-0.02238	0.274712	0.595843
1.595125	3.121656	1.08481	1.803205	1.925847	3.240935	2.988557	3.225678	1.864103
4.140627	3.38413	4.275551	3.240222	3.690142	4.435232	3.378096	3.850071	4.651572
3.089383	5.347602	1.402332	4.326392	5.331921	3.747796	5.50878	6.591102	3.786927
2.038576	1.064857	1.879523	1.528773	1.388499	1.835151	2.139981	2.236188	2.097405
2.552603	3.682222	3.20023	4.550612	2.608825	4.256908	3.216295	3.093948	2.724168
8.028922	6.624765	7.299594	6.996985	5.242313	5.536535	5.59099	6.955409	6.445958
2.089333	2.993435	2.805023	3.815022	2.415283	3.673913	3.130406	2.189215	1.801976
0.646536	0.360139	1.049577	0.502969	0.290059	1.115341	0.474657	0.479219	0.687238
4.04992	4.926942	4.868062	3.381049	5.389223	4.351103	4.161081	3.964071	4.756735
2.854506	5.811882	3.150037	4.123975	2.823719	3.665384	3.806142	3.32999	2.814533
2.54428	0.852167	3.366915	2.739969	3.799283	1.491364	2.496508	1.870209	1.26243
1.398765	1.725388	1.431556	1.435051	2.796413	1.539313	1.305863	1.991507	1.784472
0.596949	0.048006	0.187915	0.092181	0.170758	0.048669	0.152281	0.201048	0.401169
6.115619	5.814727	5.383636	5.306588	6.121149	4.76067	5.397059	5.289358	6.572627
2.746006	5.918249	3.026099	3.556294	6.336744	2.279784	4.725775	3.514396	5.465104
5.793444	7.617603	6.086929	6.131138	6.517617	5.633385	5.751358	5.004293	5.918903
5.517352	6.067461	7.107786	6.095402	6.472358	6.925073	5.090251	3.778256	5.291634
3.72423	3.922068	4.34849	2.120446	4.360329	3.230613	2.843606	5.187168	3.688819
2.759968	3.705653	2.776716	3.277482	2.499603	3.405589	3.521292	3.36449	2.074399
3.713405	3.602204	4.135239	3.325523	3.80872	3.518455	3.499733	3.465532	3.95712
0.356421	2.814056	0.143835	0.161281	0.429136	0.034252	0.259631	0.081106	0.278976
0.473882	0.081835	2.500066	0.56293	1.430412	0.366263	0.309619	0.641953	0.477161
1.828566	0.622656	3.367965	1.585387	3.855863	2.833003	0.315434	1.299657	2.015481
0.742777	3.238744	0.834033	0.715015	3.890564	2.272889	1.402438	2.614478	1.214839
6.365218	6.324155	6.694781	6.029548	7.155964	7.279623	6.608661	6.192769	6.172499
4.006664	3.45034	3.950113	2.505098	4.013043	3.34847	3.065568	3.362446	4.249629

3.779874	3.898937	4.419491	5.070254	4.612356	5.105089	4.035356	4.291804	4.074252
3.648319	3.748395	4.468765	3.030669	3.618412	4.177794	3.642463	3.929093	4.020666
3.295957	3.402514	3.193388	2.59086	2.998318	3.70854	3.200409	3.376362	3.567091
2.302275	2.081649	3.521363	2.480964	3.995738	3.248507	3.082016	2.395534	2.606922
5.676799	4.949088	4.071306	5.0287	4.572476	2.355817	5.070765	6.188381	5.158102
3.306335	3.178835	3.410511	5.87952	3.933086	4.376618	2.995733	3.276164	3.074738
2.460288	2.625894	2.69332	1.958506	2.21197	2.807725	2.543151	2.793711	2.721058

TCGA-S9	TCGA-HT	TCGA-S9	TCGA-S9	TCGA-DU	TCGA-HW	TCGA-HT	TCGA-WY	TCGA-HT
1.014463	0.394007	0.986009	0.980114	1.155171	0.303677	0.578295	1.608542	1.18702
2.450393	1.760804	0.817709	2.12826	1.006464	2.304648	1.07538	1.400199	2.176151
6.45429	6.270835	4.934857	4.420697	6.100056	5.550316	5.097288	5.516793	5.228016
1.662495	5.322983	2.592877	5.8261	3.625946	3.679892	4.168645	4.706135	3.666022
1.025548	0.206715	0.763942	1.336208	0.778577	0.774682	1.322519	1.617636	1.091798
7.603061	6.700644	6.894713	7.16983	6.302977	6.837028	5.277487	7.03514	7.858789
6.704014	5.547674	5.396474	5.273442	7.001731	6.108306	5.356639	5.100558	5.348249
0.757487	0.79158	0.767242	0.764162	0.414373	0.64787	1.124665	0.630387	0.490682
0.257567	0.175942	0.066502	0.309834	0.106416	0.318152	0.248737	0.184327	-0.01994
5.513235	4.278223	6.005888	5.477712	5.87986	3.928799	5.302151	5.600101	5.444786
4.107894	4.110408	4.860285	5.304403	4.727006	4.443744	4.772327	5.134487	4.772377
3.186683	1.942505	3.57622	3.236626	3.377686	2.734613	3.622695	3.788093	2.945536
3.04417	2.972502	1.710331	1.974358	4.238496	2.936223	1.33611	1.149339	2.38581
4.100523	5.315605	2.275203	1.74334	4.108567	4.651832	3.3569	2.670077	2.150985
5.246637	3.213667	5.531359	5.48314	6.773306	3.887653	5.066635	4.637119	5.592249
3.737919	3.538586	3.058919	3.099388	2.302448	3.058746	3.714686	2.744343	3.533288
2.319582	1.894079	0.52651	1.142518	0.758185	2.178789	0.821266	0.900561	0.985871
10.75418	8.358694	8.49817	7.75532	8.723017	8.627601	6.489944	8.27166	8.11927
4.498661	2.563412	5.706596	5.47087	5.278373	3.643553	4.740971	5.54554	5.887632
4.457444	3.855472	3.812598	4.213721	4.088063	3.527779	4.06066	2.665048	4.77729
3.191796	2.437883	3.785921	3.179169	2.602224	2.906217	3.372192	3.09617	2.995562
2.54711	5.122741	3.036897	3.780202	3.76413	2.59938	3.985167	3.633344	3.975321
3.078234	2.685284	3.608733	2.465278	2.905527	2.141227	2.066962	3.008197	3.096745
1.09915	0.512485	0.613028	0.334964	0.340518	0.293508	0.333727	0.316702	0.40582
3.271685	4.140891	3.651083	2.471529	3.99062	3.090693	3.362624	3.149015	3.7988
4.845451	2.773241	2.093333	3.126669	4.846739	2.882189	2.772628	2.657258	3.555341
0.49022	0.73465	0.797549	1.216403	0.814994	1.573547	0.837628	0.876626	0.747842
4.434454	4.236264	4.249473	4.635885	4.006123	5.403363	5.469059	5.452732	4.015201
2.203775	2.688461	2.756664	2.037667	1.513167	2.287504	4.030287	2.376466	1.98867
4.745769	3.445798	4.915908	4.230934	4.650988	4.153438	4.374875	4.804274	4.15661
3.88172	3.781602	1.629577	2.908057	2.04822	4.178856	2.138017	2.278111	3.862359
3.039715	4.403733	5.017195	4.716697	5.371972	3.517715	5.24275	5.11064	4.775908
3.39629	5.135514	4.633984	5.05535	5.818237	4.952544	5.021001	5.00399	5.801393
3.069146	1.923113	2.981957	2.480937	4.380945	2.097161	2.460258	2.358717	2.31569
3.182819	2.034939	3.559862	1.779861	2.513707	3.457938	2.919267	2.703775	1.909998
3.231205	1.852389	2.480399	3.036211	2.500152	2.802394	2.487531	2.433753	3.115232
5.05462	4.923542	5.50783	4.653003	4.59734	4.761715	5.693607	5.128235	5.305289
5.320146	3.94821	3.831571	3.409705	4.2226	4.784383	3.33354	3.613263	3.015076
5.887333	5.213878	5.475048	4.663609	5.296199	5.22182	3.909468	5.26232	5.031715
0.167332	0.292718	0.079505	0.16435	0.098779	0.114154	0.077619	0.128595	0.100869
0.554605	1.005349	0.522039	0.339119	0.256965	0.534538	0.599399	0.702397	0.603091
2.732847	2.266447	2.591385	1.467963	2.10451	2.296605	2.486819	1.920127	2.235641
4.986288	3.644826	1.731491	3.198274	1.714752	4.303132	1.584716	2.169069	3.993114
0.417911	1.796788	1.558477	0.868571	0.817207	0.56432	1.092012	0.635784	1.14362
1.24648	1.22683	1.057924	0.540688	2.718925	1.541465	1.22617	0.429333	0.828645
11.84005	12.36383	9.717027	10.52313	10.89022	12.78195	9.304591	9.90199	11.63542
2.648525	4.791667	6.128665	5.548215	5.446867	3.741513	6.182855	5.620858	5.547176
4.652793	2.816615	4.469312	2.88701	5.418061	2.153515	4.279221	3.755942	3.809487
1.944547	0.370265	0.376969	0.764643	0.459449	0.620581	1.437278	1.454748	0.967557

0.576312	0.477456	0.367283	0.395474	2.043255	0.602738	0.754836	0.967976	0.926331
0.408649	0.813447	0.528088	0.634052	0.36452	0.552786	0.364556	1.105672	0.475878
1.881437	0.886996	2.325819	2.359794	2.038204	1.38395	2.495608	2.080571	2.587867
4.212263	4.534742	5.090172	3.953611	4.439434	4.617295	4.141627	3.711431	4.279607
4.395283	4.55677	5.078672	3.695787	4.518096	4.367562	2.996101	1.503058	5.030178
0.932288	0.14689	0.108509	0.217841	0.084558	0.293762	0.070048	0.275228	0.60474
3.919576	0.994377	1.301783	0.550096	1.337031	1.405308	0.578522	0.62327	0.372147
7.56647	9.206582	4.817318	6.87274	4.651237	8.941509	7.724959	7.164843	9.325446
6.679571	9.097006	9.464929	8.766581	8.755916	7.462572	7.268843	8.406917	9.866481
3.323943	3.875149	3.23548	4.477004	5.815307	3.316959	3.896575	3.809015	3.687852
2.90963	1.069655	1.923448	1.391325	1.307823	2.197578	1.110853	1.322187	1.213029
5.030658	6.120016	6.102696	5.000051	4.633554	5.586823	4.84284	4.39129	5.247921
4.371663	2.184559	0.628688	0.936516	2.181912	3.630239	1.425756	0.929898	3.106917
3.961753	2.571064	3.611189	3.303044	3.74238	3.299091	3.305817	3.305304	2.750139
1.451889	1.600204	1.23149	0.678536	1.106603	0.602249	0.863161	0.832659	0.770416
9.170233	10.95678	8.233217	7.812433	9.168005	9.464766	7.889551	7.337555	8.98692
3.543131	2.091197	2.526454	2.94044	2.99838	3.766116	3.497502	2.996763	2.708069
3.857841	2.774765	4.601239	3.904366	4.329112	3.155793	3.741231	3.993537	3.763856
0.489985	0.595695	0.537873	1.433192	0.208783	0.984354	1.349428	2.138656	0.494967
5.617028	5.911464	5.599188	4.563825	5.030143	4.880161	4.369559	5.293182	5.665297
3.063173	3.161174	3.608381	3.450876	3.894035	3.222111	4.021948	3.583536	3.357616
4.310216	3.021417	1.504076	2.993064	2.310946	3.59759	1.256745	1.992167	3.363388
3.576769	1.909647	2.454415	2.89439	3.258697	2.94664	3.255005	2.149955	2.499677
4.079534	4.302044	4.476768	2.898139	4.821417	4.055309	5.051133	3.420148	3.459592
3.67776	6.111795	5.515774	3.407648	3.53705	6.357888	4.859135	2.777429	3.122177
2.054207	5.629281	3.371593	2.540681	3.235056	6.150839	2.962199	2.397169	3.124499
4.674818	4.036623	2.377703	2.82784	3.031609	3.805685	2.641471	2.094056	3.035003
5.197474	3.107392	2.057195	2.935005	4.563961	3.262886	2.008055	2.931575	2.384358
3.249796	1.732456	2.268159	2.943511	2.996129	2.061227	3.194161	3.265874	2.846057
3.550875	2.759537	3.353166	3.244885	3.446783	2.816966	3.655726	3.22156	3.2829
1.788881	1.158724	2.267227	1.02584	2.68062	1.977674	1.717404	1.082819	1.795086
3.763802	3.852368	3.481102	3.833046	2.590407	4.356149	4.083669	4.339785	3.168431
6.670694	8.065782	7.24319	6.776742	9.723303	7.988363	6.883563	6.741881	7.798701
0.991474	0.857815	0.669057	1.065985	1.392688	0.861161	1.782474	1.461781	0.953819
4.894983	4.275648	6.079519	5.144891	6.362479	4.586338	4.903994	5.447906	5.710499
0.125889	3.071125	0.124759	0.352812	0.827973	0.797599	0.825615	0.874866	0.244075
3.40791	2.687627	3.308816	3.662945	3.295113	3.203827	3.862443	3.601465	3.291773
1.239454	2.408542	4.729299	4.315467	3.704342	1.158558	1.747585	5.040929	3.376719
2.462773	2.081389	1.581484	2.256842	2.316421	2.205265	2.142751	2.401827	1.525078
4.397956	2.373086	3.26229	2.738953	3.874837	3.231967	2.799305	3.204003	2.562761
6.445338	4.144508	6.076256	3.311545	3.956808	5.776532	2.460003	3.92321	2.401132
2.181921	0.449501	0.197003	0.341923	0.410362	1.131164	0.190192	0.23849	0.340462
4.770903	4.670909	2.404944	4.235975	2.193705	4.782584	1.944957	2.754253	4.872918
3.192319	1.678749	1.977343	0.61775	0.057127	2.671685	-0.04559	0.439588	0.310986
5.459907	4.160648	3.109419	4.045256	4.360187	5.820867	2.678526	3.417222	5.130135
2.011425	1.571118	1.869728	2.572972	0.683302	2.15355	2.627051	3.232201	1.346771
4.021178	2.88904	3.237759	3.767681	3.370349	3.407049	4.257768	4.150412	3.538341
3.741853	3.531135	3.242649	3.148602	2.757538	3.784072	2.242148	2.63711	3.440231
6.974099	5.296612	6.039468	6.447783	4.899176	5.195717	5.240838	6.771564	6.30198
4.986332	3.226383	1.098194	3.464228	2.425615	4.237515	1.774164	2.03917	3.226393
5.912064	6.250629	7.490621	7.127261	7.010125	5.03931	5.65318	5.154809	7.89724

5.080331	2.388601	3.233182	1.199988	4.235794	5.450381	0.943563	1.949997	1.121169
1.974185	2.056513	1.750212	2.847447	1.29685	1.92281	2.686412	3.64573	2.137444
3.963044	1.776386	3.799686	3.086849	3.818693	3.111524	3.809524	3.52605	2.965028
0.823993	0.338028	-0.00475	0.537838	0.207062	0.673458	0.233927	0.058101	0.016989
8.356998	8.809121	8.034014	8.485381	8.943925	8.134097	8.202039	7.883009	7.915855
3.992607	4.758666	4.898172	4.531237	4.992573	4.067442	3.774463	4.483433	4.421943
2.237515	3.62313	3.808107	2.842349	2.909778	2.996031	2.284674	2.478826	2.914043
1.237148	1.180672	0.49851	0.332477	0.489548	0.893104	0.757225	0.484516	0.668972
4.146382	3.349639	4.599472	4.213075	4.326985	2.217112	4.959716	3.819131	4.319653
3.551842	4.117769	0.415888	1.083089	0.975831	3.672714	0.71321	0.774719	1.966837
3.13764	2.16703	2.586835	2.106864	2.39894	2.8034	2.530606	2.546459	2.103464
2.813328	2.121501	3.163113	3.382124	3.319171	2.741593	3.081186	3.383673	2.668964
0.003009	0.043983	0.148339	0.077572	0.00103	0.055926	0.368624	0.37942	0.084626
1.301577	-0.01315	0.514989	0.246687	-0.00248	0.067469	-0.00734	0.201432	0.043155
1.145922	4.074351	2.952756	3.502529	4.091026	2.878196	4.217798	3.334979	4.595576
1.602149	2.777822	4.57072	2.82205	2.797474	2.544208	1.774802	3.508364	4.163167
2.877499	2.077585	3.071655	3.571927	4.364716	2.903634	2.569004	1.857975	4.021505
2.558851	1.738192	3.450605	3.272418	3.286243	2.345381	3.235987	3.668238	3.105796
4.635601	3.341212	4.218136	3.770256	3.384202	4.516851	3.255535	3.710406	3.976298
4.814744	8.013749	7.350838	6.757675	6.601569	6.647267	6.304274	6.352835	8.059354
-0.03335	0.064544	0.067592	0.893626	0.068018	0.138595	0.078875	0.178877	-0.05326
1.587201	1.302347	1.095444	0.588011	0.423788	1.435003	0.846421	0.331772	0.979116
2.648608	1.767996	2.584163	3.537762	1.93907	2.954381	3.657777	3.499685	2.363619
5.864329	7.722098	5.888484	5.981121	6.533347	6.858718	6.86164	7.079501	7.630709
0.036971	0.110582	0.079883	0.239516	0.365629	0.011807	0.17974	0.023813	0.00699
1.765666	0.157577	0.339491	0.588339	0.093203	2.214426	0.691992	1.41517	0.105337
4.643538	3.798683	4.227903	4.677619	4.05519	3.768118	4.057719	3.802909	3.370967
5.579368	6.129415	5.144491	5.35022	6.152575	5.734105	5.779851	5.699319	5.059291
4.89372	4.731611	5.224947	4.920134	4.801494	4.647763	5.389595	4.887869	4.896949
4.12455	4.953434	3.660259	4.374305	4.324859	4.387762	4.328518	3.691366	4.353534
5.1287	2.694563	3.800555	3.681009	4.747333	3.522193	3.723163	4.007181	4.092781
2.55072	0.801212	1.767444	0.75823	0.772036	0.736129	0.95101	1.645378	0.692555
7.013802	4.293798	4.62119	4.687183	3.692342	8.645906	3.602852	5.547514	3.377593
0.007649	0.017271	0.009204	0.000681	0.01898	0.000681	0.083624	0.045435	0.000681
8.120675	5.00203	5.861638	5.357385	5.449856	7.665097	4.263892	7.031842	4.184883
5.20766	3.790417	3.983916	3.871144	3.959499	3.707374	3.815342	3.911052	4.404627
5.849428	4.284568	4.026121	4.411366	5.175532	4.950326	3.903474	4.664982	4.504132
2.296674	1.721195	2.248405	2.906244	2.091414	2.522634	2.408001	3.696183	1.847192
5.301219	5.470276	5.420674	3.874001	6.578139	4.900425	4.025497	4.769564	4.113698
2.353938	0.906977	1.749303	1.731818	4.095872	1.7346	2.407357	1.642772	1.910495
0.030927	0.206748	0.42815	0.151737	0.017779	0.131081	0.953731	0.03272	0.110682
4.037889	2.580854	3.982589	2.133667	2.3843	3.234912	4.130134	4.622469	4.048236
0.200905	0.252269	0.300836	0.292942	0.334383	0.272963	0.230139	0.451165	0.291345
0.644246	0.109595	0.382743	0.096463	0.220113	0.23565	0.332674	0.171319	0.222112
5.363721	7.730038	5.971905	5.703288	5.518241	6.987857	5.56033	6.605891	5.411243
3.000259	3.311639	4.229762	3.856228	3.934804	3.552943	3.735647	3.565792	4.530618
2.313568	1.989428	2.269421	2.210721	2.515186	3.121388	2.510587	1.169917	1.932233
0.669389	0.646334	1.23287	0.864675	0.927403	2.371717	0.750342	0.438289	2.854091
9.559039	7.090247	6.495796	5.805994	5.603485	8.223695	5.857271	7.11303	6.699301
0.144468	0.037411	0.012251	0.025743	0.021554	0.090906	0.081812	0.046237	0.012251
4.001711	2.16145	1.214037	1.62705	1.375698	2.732237	0.955939	1.546633	2.180928

3.477385	2.029887	2.538246	2.885823	3.266982	2.623718	2.268351	2.643148	2.344157
6.583825	8.088188	4.768055	5.164846	6.849405	6.880683	5.751344	6.699099	5.86806
0.934636	0.402584	0.262896	0.366259	0.101287	0.395064	0.311201	0.654869	0.617795
0.668923	0.10404	0.098254	0.193105	0.101434	0.136829	0.102237	0.23137	0.220698
4.96218	2.926718	5.378859	4.288989	4.016766	3.768614	5.345594	4.116	5.420193
4.88088	4.972994	5.628066	5.185771	5.265252	4.692402	5.335273	5.039937	4.698546
0.074051	0.05437	0.030582	0.110945	0.067041	0.214961	0.051302	0.069233	0.032715
9.032229	9.465875	9.533284	10.66696	9.176899	8.56068	9.316173	11.01437	10.30389
4.236299	3.79159	4.39789	4.596823	5.156466	4.437126	4.426073	4.765776	4.407507
2.007569	0.626098	0.475507	2.777614	0.564402	4.811333	2.185411	4.506192	1.254061
9.081185	8.409984	7.124214	6.58299	6.413763	8.84052	4.353815	5.003585	4.6049
2.677379	3.026596	4.362343	3.489406	2.824959	3.430502	4.210056	3.936247	3.979606
3.095677	2.378658	2.515007	3.48989	3.927837	2.908109	3.6802	3.227208	3.31509
2.010264	1.181776	0.577887	1.385867	1.067176	1.778929	1.04264	1.228533	0.888734
0.334497	0.131437	0.05893	0.095125	0.039291	0.122818	0.05198	0.085707	0.056872
0.34486	0.644103	0.529236	0.853743	0.46521	0.638973	1.084654	0.653513	1.140759
5.206071	5.521381	3.494229	5.139826	5.63884	5.294301	5.784826	5.862663	5.387328
3.005956	2.221461	3.87695	2.8469	3.163625	3.385439	4.30449	3.222825	2.138395
3.908673	2.329455	0.914648	1.821031	1.956169	3.183891	1.41533	1.522103	1.018932
6.057639	5.119593	6.644114	4.874904	4.929059	5.33335	4.204595	5.338667	4.962082
1.83019	1.144601	0.064433	3.756932	0.357611	2.421682	1.770031	3.215895	0.832562
4.680768	3.82068	5.944965	4.369225	5.136553	4.167454	5.130311	5.539381	4.217893
0.632404	3.124456	0.813774	1.94383	0.406558	1.870113	1.270282	1.366881	0.551165
3.186269	3.367396	2.949799	2.820357	2.412625	3.569273	3.243166	3.196208	2.975675
1.906148	0.793053	0.542427	1.401147	0.604646	1.254825	1.150998	1.24434	1.08291
1.104545	0.151969	0.42974	0.647112	0.238639	0.448981	0.198034	0.456166	1.50594
2.689412	3.69609	4.935917	4.903297	4.173792	2.635658	3.5906	4.722439	5.375787
5.985286	6.551276	4.791796	4.696918	6.769659	7.047059	5.147623	4.916327	4.978492
1.59954	0.903889	0.357498	1.055342	0.391118	1.452696	0.451435	0.647929	1.318735
7.678196	3.657984	6.711896	4.349993	4.585164	8.107665	3.729813	6.712978	3.276397
4.794874	7.008782	7.121424	7.04137	7.249048	6.249007	6.97001	5.170442	8.327046
0.213955	0.195933	0.57844	0.117156	0.059477	0.510387	0.436028	0.678888	0.196958
2.995695	2.623147	2.856305	3.060237	2.933393	3.442624	2.491792	1.979089	2.881247
2.249364	2.868964	1.55574	2.298868	1.745806	3.346495	0.72782	1.43588	2.423185
3.814151	2.215012	2.094602	1.833285	3.681511	3.182142	2.049487	2.196145	2.385543
2.998219	3.273328	3.918512	4.305011	4.791118	2.956814	2.881038	3.241338	3.682333
1.22498	0.945232	2.406207	1.701105	0.900393	3.127582	2.324703	1.003305	2.486863
2.119876	3.782279	1.980913	2.657064	3.473187	3.192374	3.142942	1.802357	2.853039
3.788765	2.602971	2.880184	3.6984	3.848419	3.160696	4.00909	3.653406	4.078638
10.0132	11.04968	9.183742	9.236611	11.11291	10.42303	7.573108	7.729277	9.556596
3.568755	5.012722	4.11412	4.45414	4.158496	4.440705	4.449469	3.856304	6.162716
5.264012	3.29385	2.582769	4.544785	3.396346	4.146672	2.672143	2.358784	4.763499
7.080922	7.664758	8.919611	8.544622	7.593399	7.400953	7.147564	5.538419	8.455218
2.829633	2.948188	4.18036	4.230823	3.406498	3.243954	3.662449	3.288947	4.152765
2.375931	1.720456	3.300543	3.398079	2.834811	2.049194	3.62722	4.271456	3.661653
1.098752	1.151962	1.073843	0.74066	0.379104	0.75779	1.377641	0.995436	0.730135
1.897685	1.646036	3.347058	2.78416	2.686032	2.074015	3.318327	2.237167	2.647251
3.018029	3.665411	3.770896	3.125974	4.350859	4.016656	3.536896	3.069477	2.62981
3.48897	1.692248	3.066903	3.128451	3.257243	2.452802	3.261	3.508335	2.831935
3.099	1.831017	1.865722	0.490901	2.487544	2.185423	1.384223	0.298212	1.40512
4.546091	3.348578	2.4622	3.348614	2.526534	3.942958	2.718234	3.042525	4.189644

1.629391	1.10904	1.500224	1.977409	2.576021	1.459039	1.680623	2.348202	1.704799
2.824935	3.105374	3.266324	3.454931	2.392347	3.637902	2.941767	2.752317	3.401899
4.958908	4.362693	3.77361	7.543121	3.112014	3.537651	3.27132	6.117402	5.542696
4.49788	4.251389	3.891562	3.815842	3.524222	3.902026	3.839821	3.491655	4.727985
2.633238	0.652328	1.028429	0.89394	0.913663	1.219627	0.968792	0.82204	1.178398
4.165242	4.734193	4.378317	4.109482	4.307567	4.363975	4.457113	4.482823	4.586867
4.655041	2.953868	2.149691	1.75005	4.101818	3.356234	1.991048	3.300477	1.962632
5.10076	4.108975	4.704513	4.237928	5.350956	4.765592	4.211957	4.943564	4.540199
4.088723	4.218548	4.82996	4.382601	5.530628	4.459551	4.380601	4.804382	4.30909
3.995419	3.527394	4.790102	4.580653	5.195381	2.9002	5.422343	3.935155	4.73478
2.815026	4.947539	5.624035	4.187447	5.904799	4.505689	5.056214	5.171593	4.677425
4.818482	5.079088	5.602116	5.061253	6.407967	4.725453	5.148976	5.433968	4.732032
6.897117	8.117398	6.815707	5.685972	6.639916	8.687626	5.092326	3.46406	5.661515
0.26821	2.963502	3.265383	4.607363	4.567472	6.000204	4.827645	5.273491	4.848324
3.618505	3.580419	2.869914	3.77146	4.649198	3.828949	2.646981	3.513731	3.522155
6.622545	5.254768	8.606014	6.29717	5.08566	5.958067	5.613997	5.737997	6.099071
2.484962	0.498011	2.802522	2.485795	3.74658	1.585385	2.419838	2.523476	2.672337
3.827394	2.379698	2.133463	2.895564	2.751012	3.04191	2.359288	2.370693	2.646887
3.684596	3.43382	3.859649	2.554945	1.964628	3.728809	1.538002	2.998746	2.619774
4.18151	4.485638	2.238654	2.647738	2.075306	4.291583	2.036923	2.821556	2.967547
0.342851	0.532772	0.259638	0.117115	0.114229	0.370097	0.3359	0.068123	0.092723
5.704221	3.130458	5.216594	5.309675	5.635177	4.078575	5.455016	5.396594	5.023643
3.594379	5.477447	3.893658	5.137561	5.66379	4.828134	3.72508	3.97004	4.674371
6.18853	4.238463	5.830314	5.718793	6.167739	4.527192	5.289437	5.106121	6.125129
0.204131	0.267279	0.14256	0.081917	-0.14226	0.049463	-0.06222	0.622059	-0.14226
1.082516	1.900509	2.538554	1.418932	2.25947	1.423683	1.049197	1.32999	1.216379
3.820807	2.582668	3.978807	3.362023	3.090754	3.312627	3.806584	3.790798	3.52558
7.299261	5.909784	4.034426	4.678828	6.081847	6.040202	2.604995	4.738221	3.42852
3.034507	1.441183	1.629596	2.121297	1.156427	2.080682	2.058404	2.43431	1.694544
3.150833	1.854541	3.946528	3.530383	3.300568	3.599043	3.936673	3.191572	3.757154
6.050672	6.467621	7.068597	6.858488	6.342429	5.12931	6.722579	7.324157	8.170712
2.710444	1.622173	2.549475	2.820589	2.902479	2.381498	2.432799	3.093372	2.783974
0.536539	0.052006	0.74471	0.678739	0.467336	0.446032	0.821884	0.662968	0.262289
5.699972	4.014375	3.656915	3.768727	4.78675	4.837463	4.163021	3.984264	3.811078
4.099447	3.057629	3.360778	3.714377	4.506953	3.81211	3.650423	3.268001	4.240091
2.753142	2.476408	1.872897	0.838939	0.496116	1.135991	4.776041	1.592673	0.763353
3.231571	2.523271	1.559524	1.566012	1.217947	2.779013	1.377921	1.358205	1.784977
1.56035	0.342786	0.088495	0.127612	0.051371	0.414109	0.605963	0.038075	0.177774
5.853102	5.138484	5.205427	5.715055	4.855917	5.125175	5.489767	5.827293	6.163944
6.473212	7.664102	3.374283	3.613463	3.215464	7.940751	3.022168	2.943115	5.513482
7.418105	6.193631	6.485298	5.940282	6.306352	6.410708	5.12122	5.604619	6.410342
4.784996	4.385797	6.423726	5.664239	6.070224	4.322692	5.250117	5.75441	5.140648
4.961384	4.347122	2.709582	4.079401	3.155143	4.990754	3.75701	3.93368	3.770969
4.013788	2.170323	2.915172	3.352885	3.518774	3.162212	3.425094	3.102095	2.884125
3.544799	3.010216	3.156919	3.620899	3.077653	2.821644	3.611716	3.942787	3.333441
0.105311	1.861713	0.048213	0.916779	0.580949	0.141292	0.679222	0.470873	0.551239
0.184385	2.014181	0.505995	0.281398	0.081835	0.462731	1.948869	0.176704	0.09873
3.224602	0.410674	0.293834	1.376126	0.512064	1.140939	0.898651	0.588021	1.864774
6.818782	2.938101	0.972846	0.968149	1.114768	1.688967	0.832945	2.530219	1.026294
6.041362	6.725462	6.763434	6.307259	6.789358	6.659337	5.77571	6.17481	5.863803
3.40127	3.57594	3.072991	3.361961	3.20719	4.038615	2.992609	3.090761	3.420581

4.182979	3.738957	5.020174	3.751918	4.257693	4.000989	4.366402	3.17343	4.306284
4.188986	2.570237	3.423992	3.444235	4.004924	3.450894	3.61539	3.794026	2.861523
2.426156	2.73585	2.892293	4.853924	3.398667	2.591953	4.542732	4.47525	3.683856
3.120838	3.821928	2.326149	2.658552	3.059875	3.628539	2.967446	2.398616	2.852742
3.157845	3.652455	5.709186	5.475596	5.330192	2.761008	4.682958	3.266316	5.709743
3.688964	2.826364	5.009822	3.891039	4.260079	3.71842	2.177351	3.551247	3.195131
3.097637	1.367908	2.32422	2.712169	2.177647	2.139775	2.751041	2.680971	2.325885

TCGA-S9	TCGA-HT	TCGA-CS	TCGA-E1	TCGA-DB	TCGA-E1	TCGA-DH	TCGA-HW	TCGA-P5
2.212706	0.768457	0.740967	0.777926	0.645747	0.357259	1.105982	0.75614	0.377824
1.600867	1.321129	1.498718	0.642469	0.967781	1.651801	1.611264	2.33548	1.265672
3.309825	7.404338	5.226839	5.076262	4.502765	4.210915	4.907815	5.111151	5.979377
4.012871	6.882455	1.67468	2.893931	5.365805	6.295378	6.043424	6.188501	7.675287
0.72427	0.213649	0.730796	1.005316	0.785212	0.647127	1.878752	1.381508	0.594657
7.348026	6.562232	7.639841	7.057801	6.200847	6.993783	5.910317	5.351638	6.013124
5.69929	6.938071	6.361976	6.357363	5.20476	5.382729	4.580145	6.067209	5.673318
0.636233	0.684292	0.482128	1.216803	1.067102	0.501881	0.593312	0.894057	1.113549
0.077263	0.079553	-0.02619	0.047536	0.1222	0.149257	0.186062	0.013524	-0.01349
5.973605	4.709135	5.147094	5.560813	5.537563	5.638846	3.940385	5.297042	5.302497
4.955437	4.67515	3.750459	4.941969	4.629273	5.063782	3.838629	3.241236	4.228005
3.204582	2.572517	2.095155	3.715176	3.153916	2.483167	2.880855	3.806296	2.590788
3.080344	3.427212	2.48808	1.555877	2.172342	1.95128	1.439787	2.547322	2.940538
3.129028	6.254584	3.358386	3.893387	4.724306	2.404801	2.724122	3.564304	5.086719
6.288541	4.667652	3.795369	6.140084	4.648329	5.567401	5.371629	5.474831	3.637494
3.87862	4.053971	3.001349	3.419415	2.390571	2.674499	3.450352	2.781429	2.993723
1.588859	2.478659	0.742601	0.524725	0.599471	1.109382	1.24743	1.324376	1.556309
8.987319	8.879765	8.945583	7.668602	7.415068	8.097245	7.235928	9.175573	8.045433
4.686968	2.961317	5.445056	5.511074	5.664047	4.369732	5.923064	5.695184	4.26736
2.451541	3.672471	4.099467	3.808437	3.41036	3.792049	4.067006	3.747823	3.432994
3.667964	3.721735	3.683993	4.776802	3.296368	3.326238	3.648435	3.35157	3.448838
3.995052	2.977528	4.16727	3.168361	3.128182	3.742879	3.368273	3.976816	3.05509
3.671969	2.21291	2.887569	3.221377	2.476747	2.945852	2.713273	3.259027	2.30586
0.9835	0.818575	0.216558	0.8923	0.282783	0.567423	0.438319	0.211267	0.25483
3.526214	3.774211	2.530195	2.890013	3.408933	2.999028	3.462207	3.970237	3.34346
4.299418	4.514853	3.968823	2.378396	1.108728	2.544602	3.454247	3.262878	2.787201
1.115268	0.481614	2.054716	0.436999	0.74415	1.317284	1.304396	0.393726	0.341927
4.949601	5.874993	3.991339	4.747591	4.53899	5.234649	5.793894	3.799456	5.292756
2.491025	2.73751	1.651664	3.366669	3.347421	3.23935	2.418786	3.504248	3.835987
5.347543	4.149708	3.949567	4.681153	4.240978	4.532645	4.663023	4.275527	3.80132
3.096789	3.330946	2.024252	1.344338	1.180469	3.143471	2.171124	3.035643	1.616631
7.387669	4.015274	4.251467	5.395655	5.448303	4.860703	3.919206	5.054248	4.907968
5.592421	4.341131	5.708845	4.568055	4.93565	5.509907	6.19452	5.654976	5.409803
3.692396	2.976707	2.674016	3.063411	2.076005	2.834657	3.053661	2.264249	2.504386
5.095623	2.768314	1.063632	3.475534	2.182591	2.053768	2.232578	4.130248	3.245257
3.337405	2.276575	2.098834	2.654313	2.290195	2.495243	2.781243	2.918196	1.714141
5.317678	4.68775	4.635599	5.043512	4.845531	5.380511	5.365126	4.60635	4.814267
5.312349	4.436332	3.232611	3.610341	3.525428	4.450851	4.016669	2.98811	4.402075
4.806008	6.269194	4.297086	4.27368	5.230771	4.862023	4.784249	4.955592	3.529197
0.122717	0.082018	0.063689	0.112947	0.151096	0.090851	0.084271	0.202677	0.105293
8.068345	0.552073	0.696457	0.485117	0.508943	0.59918	0.241418	0.65768	0.262984
3.526171	2.781844	2.345312	2.532169	2.618785	2.091968	2.362769	2.015914	2.92843
3.759943	5.258032	1.956581	1.237316	0.83153	3.995836	2.106519	2.087919	2.322543
1.188455	1.308874	1.319991	1.44327	0.763842	1.125553	0.399923	1.038379	1.248235
1.622014	1.908363	0.902462	1.407629	0.47938	0.173183	0.850347	1.607881	1.745758
11.2305	13.28054	11.09115	8.738835	9.529532	10.93089	10.03203	10.24489	10.73566
3.737391	3.510042	5.486577	6.991213	5.400657	5.24668	5.666943	6.502592	6.069267
6.055448	4.189723	3.005999	4.37672	3.953025	3.460933	2.441732	4.521814	4.56052
1.359047	0.675072	0.282183	0.659004	1.192591	0.725527	2.240139	0.412105	0.346095

1.134573	1.030412	0.797061	0.789948	0.871562	0.667313	0.565372	1.581266	2.539764
1.386858	0.400444	0.569564	0.230227	0.607822	1.115837	0.895318	0.251726	0.306531
2.450136	1.714873	1.144616	1.504593	1.678375	2.397859	2.839723	1.764733	1.107074
4.255182	6.309747	3.968038	4.359678	4.23119	3.645968	3.990585	4.634002	4.599375
3.241522	4.751287	4.422719	3.720672	3.359367	4.400082	4.204995	4.151949	3.477061
1.219844	0.328623	0.147963	0.068416	0.092778	0.152582	0.212764	0.27773	0.022438
1.005857	5.149333	0.506346	0.617972	0.705084	0.499563	0.73902	0.459472	0.856812
7.261458	9.310699	8.960005	4.740878	6.060895	7.229124	8.296588	8.41642	8.933559
8.959031	7.208011	9.763721	8.382262	8.050114	8.924479	8.57645	9.160499	8.137855
3.84251	4.813468	3.078966	3.560281	3.568924	3.305391	3.480485	3.451778	3.129097
3.155483	2.226628	1.395472	1.110483	0.924437	1.271949	1.221648	2.227589	1.693026
4.886885	6.050081	4.950863	4.725676	5.103912	6.386033	4.044039	3.834259	5.44676
7.056097	1.855428	1.219041	0.665874	0.889925	1.994356	1.0056	1.722081	2.093472
4.158576	2.403063	2.994453	4.204718	3.035388	3.125145	2.864949	3.148793	3.311201
0.643412	1.06592	0.566997	0.963499	1.481107	0.59308	0.989367	1.133039	1.26316
9.079288	12.18485	6.992778	9.464873	8.506633	10.85763	8.358138	9.085383	11.47213
2.995113	3.811723	2.456968	2.56059	2.672624	3.221897	3.159933	3.337753	2.304351
3.651548	3.703782	3.1733	4.095085	3.086216	3.562294	4.154676	3.703381	3.061924
0.784273	0.411575	0.453126	0.386064	0.708177	1.982934	1.56687	0.153482	0.239119
6.05568	5.67112	5.006148	5.041088	5.157415	4.896451	4.945486	5.129676	4.624952
2.577223	3.044294	3.445883	3.938518	3.480832	3.309771	2.635092	4.092314	3.788145
4.647468	3.609473	2.428551	1.171891	1.368269	2.81502	2.259134	2.454563	1.861554
3.140295	2.716805	2.570572	2.154729	2.4518	2.175091	3.341313	2.964973	2.62601
3.309529	5.019662	3.369228	5.081092	4.62183	3.570827	3.245631	5.280661	5.256815
2.608819	6.513343	5.231078	5.777222	4.476463	5.260858	3.436687	4.754617	6.325373
1.269157	4.055398	2.888798	2.281433	4.624043	5.520964	3.318116	2.122401	2.68303
3.156528	4.53717	3.934235	1.668081	2.746887	2.752584	2.957862	3.598049	5.188816
3.548376	2.414255	3.549571	2.509659	1.851087	2.646521	3.088257	4.072517	3.002277
2.444757	1.966571	2.233068	2.425838	2.101114	2.585245	2.9914	3.017605	1.883494
2.720947	3.040507	2.910374	4.164284	2.951642	2.21056	3.053013	3.377075	3.2925
1.171761	2.854935	1.738803	2.518151	2.196507	1.242144	1.157267	1.998293	2.17919
4.697578	4.146279	2.540868	3.10459	3.532596	4.810522	4.482225	1.790253	2.228227
8.968055	8.843915	7.29402	6.867327	6.904234	7.297258	7.2953	6.302985	7.475033
2.263642	0.834199	1.017276	1.052245	0.773464	1.016092	1.226819	1.756011	1.230281
6.404387	5.808051	5.043547	5.353063	5.270649	5.848505	5.689389	4.594234	4.401898
0.19484	0.849522	0.732452	0.629946	0.665023	1.482889	0.911171	0.466884	0.533861
2.523325	3.077296	2.899413	4.021262	2.870451	2.782173	3.862407	3.456742	2.768097
4.711773	4.222587	2.54768	3.295125	2.179396	4.788103	1.994086	2.128579	1.781455
3.959389	1.91325	1.68672	1.670374	1.332536	1.932804	2.29157	1.648717	1.211529
5.01432	2.79721	2.181007	2.402907	2.619291	3.011971	3.265405	2.087664	2.842829
5.139703	4.637103	1.986893	6.496017	4.645965	4.142695	3.220854	4.172321	3.829899
2.861132	0.154735	0.232179	0.262524	0.206265	0.183253	0.448651	0.74369	0.133225
4.347305	4.423885	3.2083	1.812678	1.438723	3.944427	3.360452	2.637659	2.708626
0.150944	3.872275	0.04866	1.054094	0.633992	3.100418	0.074482	0.170874	-0.01287
7.319671	6.409446	4.243763	2.835883	2.286079	3.521235	3.744005	3.701243	3.295611
2.446077	1.856917	0.911478	1.210126	1.192488	3.24783	3.401234	0.823437	0.905322
3.473575	3.178077	2.472062	3.957445	3.171364	3.721301	3.923181	2.860242	3.536552
2.791965	3.016028	2.018817	2.758234	1.75949	2.563026	3.272963	3.089915	2.135196
5.548336	5.592755	7.013804	6.47161	5.591645	7.23061	5.33	6.284995	4.37466
4.543844	3.515063	1.631209	1.446415	0.918269	3.278426	2.758672	3.006285	2.457503
7.454184	5.731867	7.089687	5.786069	6.862388	6.950338	7.173086	7.094512	6.812846

5.221848	2.839667	1.896198	1.730782	1.650878	2.24996	1.536217	2.720966	0.799096
2.761536	2.350557	1.875865	1.444964	1.680205	3.058137	3.393354	1.666549	1.214453
5.239468	2.747315	3.019892	4.739485	2.820578	4.483944	4.284423	3.099862	2.654607
0.009333	0.819893	0.40114	0.117621	0.036226	0.36548	0.11615	-0.01725	0.019913
6.325397	8.817174	8.358383	8.334554	8.082933	8.424089	6.337478	8.524591	9.275788
4.129117	4.671641	3.742241	4.243952	3.76708	4.54061	3.951035	4.292091	4.203921
6.327916	3.727764	2.989822	1.821735	2.215456	2.554498	2.542907	2.888468	2.151803
1.353972	0.981395	0.32762	0.543212	0.573624	0.374581	0.611034	1.158089	0.820493
4.98896	2.925945	2.753502	5.615265	3.83506	3.777346	4.505155	4.478705	2.924021
2.713571	2.691476	1.927587	0.870909	0.566533	1.859536	1.077635	1.655652	1.819328
2.561085	2.611376	1.645625	2.768908	1.989602	2.819567	2.869079	1.77168	1.836588
4.2172	2.892265	2.997793	3.400431	2.604099	3.059798	3.626511	3.284326	2.143289
0.576267	0.029341	-0.0048	0.370878	0.391831	0.104595	0.131776	0.332478	0.237072
0.228065	-0.04312	-0.04706	0.041557	0.027025	0.352413	0.037394	0.025651	0.020203
4.336695	3.068285	5.104655	3.041323	3.969888	3.27932	4.551452	4.153806	3.508133
1.232767	3.681923	4.762609	3.547161	3.141378	2.639848	2.611951	3.522864	1.852931
2.589815	2.516117	4.194021	2.209392	2.600837	3.008101	2.26572	4.32738	3.033847
2.743968	2.275582	2.667402	3.611606	3.167318	3.503	2.131941	3.054445	2.138167
4.828383	4.405759	2.964273	4.883981	2.778316	4.604105	3.00564	3.881909	3.686388
5.704364	8.141005	8.635404	6.627372	6.553912	7.142558	6.424188	7.491193	7.030181
0.15203	0.154786	-0.01228	0.065897	-0.05326	-0.05326	-0.02861	0.285322	0.162619
2.766896	4.192594	0.52521	0.621443	0.964736	1.091799	0.836463	0.394335	1.080454
2.539236	2.860892	1.857415	3.171255	2.704371	3.055725	3.436484	2.395577	1.541249
6.039032	5.711623	6.352977	6.058676	6.268242	7.739695	7.578004	6.871315	6.526524
0.038098	-0.00896	0.284499	0.071513	0.044201	0.047862	0.10911	0.140922	0.003329
0.933062	0.586073	0.573889	0.625697	0.898552	0.10571	0.465707	1.997531	0.325212
3.875139	3.246501	3.123707	4.576184	3.877039	3.6013	3.684491	4.4435	2.702933
7.166204	4.764757	5.59616	5.445981	6.225195	6.124528	5.483195	6.241397	6.812312
5.559926	5.596101	4.370517	5.710497	5.43134	5.394902	5.294213	4.835921	5.440495
4.444552	4.173919	5.397271	4.243563	4.378593	4.239923	4.269153	4.685923	5.030533
3.702706	4.581091	4.338251	4.153062	3.561612	2.306395	4.850842	4.19782	3.502247
2.215601	1.500468	0.465383	0.814109	0.801606	0.815858	0.95718	0.6987	0.941968
5.61098	6.759389	4.291476	4.890931	4.882348	4.92032	4.764836	5.590779	3.144219
0.036939	0.009909	0.015033	0.024628	0.028332	0.023003	0.017916	0.045907	0.026163
8.408749	6.689878	5.311071	5.879527	5.054942	5.999268	5.463294	5.675611	4.516662
4.767876	2.97995	3.910114	4.08294	3.824723	3.750302	4.069216	3.913534	3.486295
6.4204	4.417312	4.859536	4.804997	3.481079	4.525518	4.451393	5.217001	4.274779
2.345342	2.102393	1.356116	1.859296	2.306355	4.403164	3.29166	1.392519	1.504798
5.097328	5.797473	4.35341	4.651413	3.872887	4.056537	4.355492	3.784908	4.345142
1.34798	0.899882	1.068187	2.657712	2.149207	1.396634	2.062838	1.454291	1.334809
0.12678	0.397609	0.136521	0.68684	0.268739	0.081735	0.134404	0.730229	0.819348
4.208675	3.738243	3.935157	4.51944	3.891421	3.429191	5.016494	3.1593	3.247105
0.424157	0.640437	0.240519	0.30418	0.296212	0.426877	0.311112	0.098098	0.213679
0.064143	0.597599	0.052271	0.139925	0.523118	0.093837	0.081029	0.23638	0.180135
6.769079	6.846502	6.889591	5.24447	5.116141	6.090908	6.291439	5.673994	5.820808
3.725517	4.336208	4.117909	4.945221	3.052883	4.59283	3.904698	4.076583	2.626699
2.080038	3.051573	1.535277	3.092103	1.797948	2.681044	1.782512	2.425863	2.66141
1.116825	0.742889	0.844943	1.136838	0.873622	1.910546	0.663356	1.120565	0.788748
9.566813	8.584292	5.569246	5.571153	6.951187	6.578865	6.150452	5.829793	6.342593
0.021494	0.04018	0.055499	0.092529	0.480006	0.023599	0.051277	0.112961	1.10711
3.136151	2.438908	1.359525	0.995066	1.036292	1.818937	1.332773	1.535882	1.470626

3.608833	2.405453	2.396675	2.53693	2.269536	2.420904	2.726024	2.828313	2.013701
6.909767	7.355323	8.283911	4.943901	5.711178	5.921946	5.533734	8.727371	8.359174
0.805183	1.148198	0.35775	0.151003	0.1768	0.132872	0.182383	0.281611	0.208401
0.269309	0.19116	0.073631	0.244089	0.101837	0.141829	0.677011	0.15547	0.11925
4.827438	4.794626	4.079656	4.372691	4.911076	4.480051	5.474875	3.569993	4.113956
5.448379	5.296399	4.800126	6.289536	4.922482	5.163732	4.976195	5.977915	5.848835
0.205416	0.077446	0.319021	0.023843	0.047176	0.137756	0.156128	0.029008	0.019857
10.30364	8.807648	8.726553	10.41432	9.719843	9.681079	7.729427	7.863849	8.269138
6.022034	4.135707	4.199754	4.559339	4.258635	4.783599	4.682565	4.226106	3.759569
2.906057	0.768067	1.418575	1.491738	2.837591	0.799227	2.543767	4.868793	0.993027
7.712282	11.49348	5.812516	5.713851	5.398703	7.75446	5.493738	5.165698	7.778097
4.002186	2.407294	3.897239	3.81176	2.990165	2.393671	4.198431	3.218872	3.000896
3.204884	3.392484	3.746324	3.107003	2.786942	3.335565	3.935196	4.085798	3.046357
2.76865	1.209173	1.017489	0.807959	0.911007	1.574462	1.264308	1.130555	1.074255
0.075799	0.061052	0.040381	0.069362	0.051817	0.063195	0.041849	0.108483	0.058913
0.40125	0.293588	0.556381	0.603008	0.83003	0.726973	0.436471	0.464998	0.49733
5.810267	4.861836	5.757939	3.377643	4.350286	5.052915	6.106534	6.101601	5.221239
8.076616	3.271379	2.344593	3.172575	3.16605	2.584151	4.764938	2.2805	2.951986
5.329081	3.342186	1.900605	0.465683	1.010257	3.371097	2.359599	1.225143	1.058165
3.967584	6.589068	3.509367	6.200993	5.869365	6.146289	4.483285	4.712255	4.918043
1.255534	0.354339	3.63399	1.138161	0.5972	0.746751	3.580926	1.837085	0.669198
3.856613	4.871149	3.240951	6.030964	6.297356	4.854418	5.764721	4.619451	5.24586
0.419543	1.01982	0.504353	1.0338	1.00086	2.080799	1.846513	-0.03111	0.281688
3.494458	3.539749	2.770079	2.666848	2.637329	3.998637	3.396826	2.272319	2.52468
1.095239	1.022701	0.86959	1.179651	1.023886	1.18678	2.559168	0.809591	0.487309
2.133751	0.300749	0.391166	0.173237	0.13758	0.655042	0.374181	0.287066	0.275257
4.378801	3.377561	4.657174	5.602268	4.960738	4.670983	4.325215	4.439903	2.939458
6.20105	5.502278	6.335032	5.044556	5.523937	6.22659	5.20697	5.523886	4.599552
1.529366	0.999508	0.504867	0.388611	0.244419	0.914536	0.734214	0.714467	0.431292
5.059081	6.641525	4.889911	5.311501	5.996205	4.35179	4.910569	6.069752	1.959032
5.72648	6.952578	7.816551	5.356631	6.445194	6.502777	7.251359	8.156766	6.763798
0.10745	0.084226	0.063794	0.358612	1.072279	0.152164	0.114954	0.549392	0.230849
2.969253	2.661237	2.988123	3.46608	2.358551	2.984967	2.373217	3.205943	2.922885
2.738383	3.056792	2.279484	1.558637	1.309611	1.98297	1.488901	2.224651	1.540205
2.713668	3.868538	2.437986	2.403607	2.484373	2.68408	2.363782	2.144581	2.550911
5.194752	2.634846	4.472379	3.982929	3.500411	4.190289	3.702441	4.788353	4.336808
4.122053	1.702441	2.811766	0.8	2.051373	2.772353	1.117677	2.693135	0.488472
2.36322	4.598976	4.349342	1.523851	2.762949	2.17967	1.826096	4.390272	3.788836
4.312977	3.253437	3.554583	3.083383	2.850647	3.387162	4.025397	3.582982	2.942021
11.56215	10.62064	8.156531	9.938255	8.748235	10.45611	9.718136	8.305835	8.97233
3.576059	4.753454	5.021613	4.130291	3.850342	3.623974	5.03242	4.817025	3.719305
4.427188	3.943764	4.090606	1.995661	1.118958	3.152415	3.407291	4.568516	2.667505
6.947345	6.928714	8.877276	6.82593	8.978275	7.761622	6.408246	8.433648	8.352664
3.430277	3.289137	4.052589	2.540304	3.427154	4.435098	4.754794	3.635021	3.631927
2.864019	2.23846	2.821436	3.488915	3.45292	3.859147	2.613454	3.249185	2.306385
2.220189	0.452585	0.302826	1.164506	1.194602	0.868315	0.979201	1.076558	1.640732
2.393452	2.330223	2.55524	3.11243	2.200933	2.44824	2.65224	3.81071	2.73832
3.267468	5.71171	3.724031	3.38597	3.462414	3.684655	3.931439	3.650904	4.236606
3.446364	1.662871	2.937093	3.669964	2.318556	3.299319	3.189506	3.273901	2.321038
2.639139	3.520636	0.462105	2.092734	1.438866	1.302718	2.791183	1.34504	1.541209
3.555123	3.09034	2.602877	3.019141	2.563576	2.409751	3.641226	3.351308	2.391021

1.488483	1.6477	1.533424	1.760306	1.484931	1.515719	1.022072	1.557601	1.522359
3.357704	2.072621	3.183773	3.592069	3.696883	3.295275	3.681526	3.332365	3.56764
4.109916	3.681251	3.114429	5.560802	3.202974	3.17982	5.71743	3.587179	3.723254
4.624546	3.395137	3.950472	3.514316	3.499291	4.3481	4.130109	2.974507	3.742353
1.643141	1.882306	0.718403	1.471981	0.808682	0.835778	2.092915	0.7053	0.78645
4.797604	5.438245	4.340924	4.703473	3.786848	5.047307	4.555783	3.977426	3.916773
2.65508	5.329465	1.552433	3.069655	2.525256	4.419342	1.897502	2.217325	2.189355
5.917652	4.954967	5.015086	4.897399	4.731392	4.697865	4.756544	4.641387	4.786903
4.480308	4.334066	4.941521	5.262871	4.427933	5.547819	3.857494	4.516896	3.978293
4.894671	3.40603	6.040418	5.18153	4.193942	3.933654	4.906694	6.706862	5.202455
4.582179	4.722805	3.816025	5.527538	5.56135	5.174346	5.720478	4.629582	4.760442
5.761485	4.986942	4.658075	5.129631	5.028509	5.709213	5.690887	4.147317	4.842965
1.345751	6.942111	5.608609	5.7433	7.312156	7.807724	5.861727	5.225863	4.750994
2.858748	5.631443	4.005983	5.597088	4.85889	5.240116	4.815891	4.139258	2.561722
4.453536	4.467306	3.41882	2.816487	2.679677	2.865443	3.529903	3.45126	2.538158
5.796644	7.462823	3.543868	6.443139	6.10124	6.91484	5.681324	5.359615	3.606752
3.04574	2.357527	2.139625	4.162069	2.124574	3.24939	1.970509	3.15138	2.341895
3.855097	2.624504	2.674653	2.514991	2.020831	2.808995	2.697401	2.794702	2.348322
4.980875	4.2907	1.726717	2.405013	2.290462	3.014616	2.482445	1.962884	2.926912
3.562031	5.199886	1.56082	1.89083	2.64759	3.080551	2.815065	2.660716	2.967661
2.378116	0.262084	0.245333	0.617278	0.402608	0.246671	0.141822	1.23255	0.204109
4.00223	5.071576	4.662459	5.83673	4.628254	4.145717	5.739315	4.748635	4.656617
4.542141	4.548243	4.9814	3.759609	4.208964	5.086176	4.120154	4.897092	4.556395
5.144103	5.72095	5.690665	5.814581	5.417477	5.052765	4.333123	6.260712	5.299751
1.861352	0.714814	0.157217	0.436382	0.091046	0.617877	0.004582	-0.01295	0.073178
0.783702	1.064398	3.399324	2.223676	1.41698	1.060782	2.02265	2.198634	1.422273
3.759541	4.801143	2.037563	3.420417	3.26137	4.207055	3.869219	1.645909	2.629036
8.598133	5.963949	5.496122	3.150811	2.187529	5.511649	1.986744	5.977976	3.86506
1.473359	2.709208	1.596429	1.906215	2.297429	1.985048	1.531215	1.478723	2.491481
2.054316	4.470877	2.975024	4.336616	3.353478	3.182051	3.610295	3.205842	3.520863
7.86788	4.772418	6.166015	5.581204	6.190184	6.709928	6.320675	6.472128	5.698481
3.779201	2.263634	1.901784	3.252412	2.447077	1.530175	2.820149	3.289721	2.171442
1.036083	0.363712	0.009345	0.511422	0.532326	0.495213	0.910105	0.095293	0.140727
4.886605	4.502095	3.685134	3.921708	3.516362	3.936956	4.603839	4.269498	5.040688
4.001422	2.59108	3.523406	3.746598	3.166048	3.214455	1.573506	4.857545	3.057104
0.530771	3.471854	0.815412	4.710854	3.286969	0.886905	1.42181	5.208767	3.777317
2.914421	2.531336	1.802068	1.300256	1.150625	2.619676	2.00986	1.833216	1.859663
0.182768	3.5106	1.075187	0.188822	0.419346	0.058927	0.041262	0.863532	1.299964
5.601606	6.335606	5.647723	5.065217	4.572168	5.152138	6.128637	5.244948	4.851718
5.818227	6.8963	4.950971	2.828365	3.796807	4.633808	4.048142	4.537606	5.766624
7.884117	6.786922	6.967837	4.976401	5.078636	5.215213	4.998861	6.447533	5.96353
5.411642	4.782947	4.804938	5.888838	5.531484	4.742061	5.805224	4.671917	5.061083
3.594049	5.004655	2.595563	2.628805	2.846691	4.941801	3.918516	2.801419	4.026023
2.500911	2.519054	3.173064	3.574422	2.460873	2.702981	3.616575	3.305473	2.485238
3.636257	2.681951	3.535142	3.373077	3.550553	3.606163	4.120003	2.976819	3.432808
1.330168	1.516361	3.649914	0.100659	0.168446	0.437527	0.071207	0.880377	0.38295
0.120833	0.807792	0.172768	0.662817	2.41598	0.176147	0.325697	1.307057	2.59255
2.109435	1.226049	0.749321	1.481759	1.103243	0.817965	2.831785	0.879971	0.447341
5.498144	4.770206	1.206675	1.33149	0.939249	3.202631	0.855821	1.832984	1.728497
7.299295	7.914003	6.062321	6.966144	5.768979	6.300242	6.329558	5.686125	6.433681
3.784404	4.043144	3.175717	3.080401	2.815522	3.931477	3.875402	2.782168	3.395502

3.355192	7.773271	4.152924	4.807933	4.871234	4.088048	3.515934	4.953969	5.241774
4.831908	2.792511	2.581226	3.58453	2.827981	3.886654	4.279842	2.900825	2.885834
3.09178	2.612073	3.601791	3.084682	3.153191	3.764578	4.313153	3.017487	2.047072
4.291668	4.021654	2.574398	3.023959	2.799842	2.418549	3.590487	2.691702	2.596633
3.728858	3.583436	4.58886	5.334617	5.788795	5.182812	4.475148	5.197411	5.061653
3.38332	2.295927	3.246612	4.88264	3.727552	3.762412	1.563848	4.001309	3.239683
1.60143	2.418516	1.539674	2.553984	1.734929	2.922609	2.764496	1.855956	1.800775

TCGA-HT	TCGA-DU	TCGA-HT	TCGA-DU	TCGA-HT	TCGA-HT	TCGA-DU	TCGA-R8	TCGA-DU
0.12683	0.314687	0.722333	1.217715	1.037694	0.522213	1.07253	0.982351	0.229046
1.04979	0.782129	1.271066	0.915254	0.965116	1.25756	0.844744	1.378889	0.506594
5.29109	4.969689	5.623316	5.258564	5.229135	7.202683	5.354943	4.553351	4.428614
2.18762	3.396907	4.555985	2.744822	2.91049	5.801372	3.036588	2.033659	5.226609
1.80127	0.903699	1.509337	1.309119	1.614152	0.024049	1.223558	1.046814	1.390417
7.225765	6.194805	6.912944	6.867607	7.076034	7.057807	6.722291	6.957365	7.095042
5.90386	6.408145	5.67629	5.544716	5.752991	6.918294	5.600003	5.493689	5.390245
0.564442	0.534424	1.134697	1.308774	0.688484	0.543694	2.651301	0.6705	1.216151
0.180441	0.156627	0.552738	0.101921	0.189012	-0.09547	0.123939	0.294955	0.023765
5.505487	5.500694	5.628872	5.714354	5.190892	6.843149	4.756952	5.023354	6.744221
4.959208	5.671729	4.152142	4.173712	3.921723	5.943181	5.0951	5.162928	4.530684
2.367744	2.639192	4.033093	3.572486	3.857883	2.191499	3.066947	2.622834	4.14047
1.768529	3.474554	1.576675	1.916728	2.108374	2.541639	1.270723	1.657437	1.264748
1.799048	3.702994	3.637585	2.965105	3.399996	4.389863	2.374434	1.112293	3.069041
4.53117	4.92875	5.437588	5.242175	5.314962	5.461474	4.144187	5.753058	4.883146
4.249181	5.240043	3.248576	3.147817	3.786107	3.236571	3.219598	3.102405	2.532049
2.293046	2.4565	0.930187	0.494952	0.961937	0.591342	0.479363	0.987252	0.807151
8.151621	9.017672	8.307343	7.780615	8.455391	10.21615	7.594338	7.323022	7.269346
6.195701	4.841355	6.255809	5.842471	6.205159	3.592048	4.707414	4.652583	6.431041
3.73122	4.249985	3.843268	3.527657	3.928271	2.058929	2.553155	4.291722	4.47402
3.296358	4.472467	2.729568	3.223168	3.376538	3.758574	2.788462	2.397707	3.550867
3.397746	2.788598	3.240877	2.901253	3.56752	2.62489	2.959238	3.496492	3.010231
3.822302	2.328016	3.052208	3.367346	3.148012	2.855161	2.476691	1.170014	3.121232
1.09395	1.953764	0.698192	0.380465	0.744578	0.768237	0.253439	0.313476	0.602446
3.810921	3.70277	4.012345	3.669213	3.201483	3.748936	3.21011	3.089027	2.494605
2.352098	3.307921	2.930942	2.670486	3.109151	3.131023	2.169106	2.589767	2.754408
1.271748	0.632845	0.923085	0.816211	1.347408	0.374909	0.902704	1.348424	0.625188
6.06105	4.793977	4.905282	4.264378	4.781374	2.974886	4.944355	5.610823	4.149306
5.845012	3.239337	3.520719	3.615332	2.718432	1.601928	4.349797	2.26286	2.03553
4.721407	3.906676	5.013323	4.528405	5.34387	4.121274	4.748419	4.822913	5.266486
3.165894	5.734522	1.877495	1.218913	1.176705	3.226085	0.585819	2.81174	1.349765
4.399877	7.074184	4.685772	5.171877	4.019029	7.978113	4.782509	4.047648	4.484109
6.283522	5.429179	4.469489	4.581373	5.226708	5.629778	4.846223	5.60791	4.084726
2.841418	4.773595	2.446578	2.652521	2.668364	3.951034	3.134662	3.12431	3.404707
1.313205	1.363438	3.838329	2.766449	2.479556	3.735781	3.490586	2.691216	2.107761
3.410851	1.95327	2.675038	2.682047	3.010692	1.628337	1.387124	1.774658	2.523062
5.038378	5.251112	5.309955	5.225286	4.851236	5.622699	6.860669	5.747454	5.674455
3.167674	4.565585	3.471241	3.223913	3.154892	3.398311	4.088888	3.610129	3.776954
4.104596	4.361375	5.503267	4.347458	3.571617	5.115963	3.469278	3.769909	4.425383
0.094231	0.079966	0.216209	0.118552	0.089517	0.071904	0.105863	0.064856	0.134482
0.380969	0.196704	0.342645	0.512055	0.855407	3.223884	0.86	0.312709	0.452358
0.919582	3.177038	2.775336	2.603902	2.751076	1.546639	3.664338	1.763076	3.319106
2.480016	2.680432	2.34909	1.057414	1.118545	2.425623	0.634753	1.977136	0.68053
0.55788	1.545722	1.394174	1.033689	2.501461	0.485773	1.343676	0.744269	1.607721
1.209856	1.210859	1.173525	1.397575	0.326584	0.618178	2.347122	0.217978	0.327757
9.545341	11.1564	9.532371	9.117476	8.773854	12.48207	8.342013	9.299785	7.984004
2.658626	1.868896	6.533879	6.711172	6.277539	7.255581	7.059054	6.032244	6.693781
3.836936	4.684598	4.923633	4.848841	3.884699	5.486496	3.747611	2.597595	5.348867
1.822472	0.741518	0.993836	0.862941	1.190333	0.220608	0.525815	1.598746	1.455475

1.244904	0.782445	0.615181	0.779319	0.490888	1.00192	0.649885	0.296669	0.524835
0.655985	0.205251	0.88036	0.465204	1.332163	0.870572	0.7146	0.523202	0.339667
3.199372	1.753574	2.412714	1.813396	3.013346	2.097469	1.907083	2.354832	2.10898
4.165489	4.523931	4.076826	4.291918	4.604705	4.845909	3.880555	3.413938	5.031799
2.420933	3.299681	3.609201	4.739962	4.285399	4.859716	3.081709	3.473987	4.174288
0.204071	0.219919	0.133485	0.083155	0.038168	0.156216	0.022438	0.212406	0.035288
1.536548	1.400102	0.719907	0.508052	1.408547	3.840569	0.72363	1.170734	0.757521
8.084205	8.841645	6.22303	6.764793	6.515454	7.126601	6.447549	6.958116	6.119397
9.199737	9.014261	8.164354	9.302179	8.09272	9.996684	8.693921	8.289587	8.652874
4.031525	2.314865	4.144583	4.695577	3.961851	2.825548	4.759416	3.588731	3.471582
1.851868	3.093479	2.086964	1.040946	1.342741	1.811246	0.931572	0.913642	1.546305
4.58423	6.275037	4.61364	4.117639	4.360735	7.300747	6.552653	5.973883	5.753552
1.66511	2.506819	0.953556	1.175404	1.00012	5.14509	1.153806	0.55955	0.613525
4.229886	3.601196	4.211206	3.555108	4.253048	2.360055	4.240563	3.744627	4.055337
0.461772	0.375963	1.100579	1.216173	0.823382	1.119225	0.821738	0.413537	2.037631
8.052303	8.731773	6.932405	7.220477	6.333504	13.01332	8.276903	6.245212	6.792544
4.029558	2.64368	3.62965	2.845723	3.739373	1.61618	2.213244	2.934609	2.950909
4.462149	3.848705	4.04237	3.807409	3.700912	3.688013	3.143718	4.26832	4.646754
1.433935	0.246077	0.633794	0.491386	0.840517	0.148881	1.171317	1.313326	0.461896
5.862094	5.06268	5.275103	5.986459	5.565585	5.554821	5.019245	3.110337	5.191559
2.940338	2.827575	3.998678	3.965161	3.399255	2.511134	4.230916	3.395206	3.920648
2.128913	2.163123	1.658597	1.44015	1.483886	2.374287	1.038092	1.794872	1.111262
4.000831	2.638841	2.444109	3.407967	3.173116	1.410469	2.704474	2.547072	2.942401
2.83235	3.549758	5.110126	5.345425	3.641408	4.101133	6.081803	3.368199	4.599805
2.198442	4.274147	4.341829	4.820628	4.529932	5.940752	6.298645	1.766956	3.869513
1.888787	1.782483	4.050065	5.172905	4.871169	2.735806	2.456915	0.687985	1.599559
1.29238	3.97782	1.923721	1.986419	1.911638	4.660144	2.590082	3.188532	1.409837
4.054032	3.509563	2.49947	2.261543	2.649547	2.849196	1.467084	2.017413	2.475874
4.215294	2.839704	3.588975	3.084327	3.609212	1.52421	2.087548	2.589317	3.434249
3.673885	3.537265	3.967997	3.896252	3.530004	2.301125	4.165974	3.304949	3.794626
1.197079	3.302026	3.321531	2.565948	2.702029	2.153983	2.919976	1.906087	2.652013
4.703791	3.192962	3.445748	3.227962	3.921709	2.919044	4.330813	4.444139	3.178806
6.690831	10.37339	6.529068	6.430187	6.59088	9.016143	7.936147	7.097241	6.591408
1.354002	0.995154	0.93366	1.006232	0.784468	0.371587	1.049719	1.055553	0.868826
5.768624	3.886651	5.424975	5.470214	5.545995	4.611717	5.622476	5.696135	5.614959
0.937652	0.861836	0.565071	0.438008	0.606294	0.475735	0.986402	0.152613	0.395159
4.511266	3.477881	3.842006	3.862634	4.152085	2.134329	2.588317	3.355226	3.704556
4.297021	4.44025	2.785618	1.80773	3.784762	5.390067	2.530416	1.121774	3.035985
3.217623	4.241076	2.115931	1.877898	2.198066	1.460304	2.165325	2.785974	1.863275
3.129972	4.241607	3.05189	2.779314	2.705837	3.248211	3.326195	3.33318	3.386832
3.280078	6.153478	5.630832	5.816949	5.820828	9.925553	4.849737	4.259396	6.308521
0.388738	0.148576	0.262443	0.175002	0.87734	0.939574	0.137816	1.049748	0.795504
2.394216	3.179066	1.993649	1.555462	1.817631	3.582107	1.833832	3.060017	0.948985
1.003238	1.321594	1.847491	0.065543	0.126384	0.682568	0.007695	0.517353	0.092146
3.728476	3.976556	2.552536	2.343896	2.820946	5.918058	1.933352	3.475185	1.991157
3.611208	1.67856	1.227689	1.060103	1.330087	0.98667	2.040784	3.317467	0.98799
4.061244	3.930504	3.767079	3.30764	3.646602	2.992469	4.672936	4.221709	2.77391
4.09591	2.150336	2.599855	2.274015	2.163377	2.54048	3.213867	3.101095	2.024762
5.420169	5.530521	6.057469	5.623726	6.716958	6.529222	5.320386	6.978816	5.529265
2.57519	3.22705	1.883016	1.324567	1.548396	2.39496	1.457543	1.256519	0.693957
5.764442	6.710644	6.593645	6.868286	7.605822	7.031394	6.913757	6.395038	6.79155

3.575717	3.405637	2.057903	2.157881	4.116813	5.237256	1.357066	2.502768	1.637747
2.969055	2.154799	1.775507	1.639769	1.593232	1.837073	1.781192	2.987151	1.51402
4.791378	2.459006	3.624964	3.377921	3.423296	3.826259	2.179574	2.876374	3.294251
0.249998	0.021873	0.378682	0.092717	0.144172	0.213508	0.049823	0.103133	0.102427
7.165294	8.229013	6.724848	8.269251	7.366623	10.97967	8.312296	7.924004	7.847616
5.310986	6.948397	4.234586	4.261984	3.949502	3.063273	4.878686	4.38849	3.790282
1.742848	3.031833	2.342327	2.725615	2.247018	6.780915	2.97394	2.704205	2.425128
0.571929	2.463008	0.484086	0.479567	0.8289	0.658201	0.539168	0.423618	0.587618
6.152926	4.532777	5.124793	5.426897	5.061935	5.085197	3.730633	4.075755	5.86572
2.422348	3.944546	1.503128	1.34367	1.446246	2.675611	1.283969	0.343591	0.579643
3.668964	2.516881	2.959695	2.550224	2.797722	1.445455	3.159671	2.97484	2.676715
2.481028	3.137307	3.431877	3.282467	3.143093	2.124257	2.598482	3.63587	3.39744
0.046149	0.130067	0.287917	0.221647	0.150134	0.098106	0.593533	0.083561	0.261632
0.051096	1.093421	0.286664	-0.06091	0.054658	0.106836	-0.04295	0.056399	-0.03215
5.357844	0.038574	1.444462	4.228027	3.24999	2.724295	3.39681	1.491511	1.527926
0.577859	0.382455	3.640615	4.084806	3.251386	4.951551	3.522028	3.607844	3.003303
1.494035	2.328655	2.409768	2.284894	3.168997	3.355509	1.874949	2.393378	1.821589
3.949738	2.771489	3.932518	3.41691	3.544819	1.896675	2.204067	3.316676	3.682553
3.833542	3.644451	4.168207	3.607818	3.983983	3.236212	2.482856	1.865778	3.095115
6.935394	4.75214	6.413583	6.303107	6.898153	8.517716	6.147398	6.636918	5.068729
-0.03213	-0.05326	0.175245	0.132068	-0.05326	0.368882	0.234007	-0.03111	-0.05326
1.309049	2.410932	0.953339	0.549853	0.5442	2.516312	0.918188	0.642812	0.423018
4.673342	2.075269	3.640204	3.457451	4.026428	0.812023	2.448097	2.753571	4.155627
7.21151	4.519634	6.479856	7.065907	6.032345	7.619983	7.220917	6.793601	5.45869
-0.0013	0.062071	0.258684	0.01739	0.122536	-0.02445	0.00664	0.019294	0.025671
0.160625	0.152059	1.100918	0.410052	0.957601	0.151755	0.616726	1.604604	0.697268
4.635366	3.914616	5.004675	4.924952	4.877887	2.339339	3.379528	3.532412	5.150883
4.560154	4.289511	5.257409	5.164539	4.792444	6.142566	6.757963	5.006952	5.212895
3.830162	4.730806	5.612904	5.427367	5.54914	4.388025	6.291781	5.343757	5.208731
4.429461	5.202387	3.990439	4.413193	4.425443	4.384607	4.798426	3.848106	3.498249
5.230305	3.469522	4.428654	4.862698	4.668126	3.514525	3.166393	3.760641	4.796125
0.950934	2.104212	0.878078	0.706153	1.290349	1.206798	1.585456	1.119125	0.847731
5.869042	4.219721	4.781369	2.971756	5.227424	6.12409	3.444749	5.902587	4.528467
0.000681	0.000681	0.022782	0.129499	0.000681	0.009633	0.411366	0.000681	0.000681
6.815972	5.299391	4.998414	3.95925	5.292588	6.025653	4.895976	6.779464	4.277827
4.175551	4.891956	4.61916	4.075366	4.572339	2.440191	4.257052	4.201235	3.904266
5.08502	6.197169	4.25976	4.23279	4.637565	4.000115	3.909307	4.380884	3.973287
4.400284	2.337057	2.826729	2.313945	2.880593	0.776427	2.331516	1.949042	2.239491
5.485748	3.633641	4.574845	4.640635	4.831689	7.860598	4.495672	4.435065	4.793279
1.072049	1.838023	2.108114	2.533352	3.1824	2.986796	2.685347	1.767454	3.538764
0.116788	0.007441	0.367459	0.600122	0.048405	0.037562	1.117485	0.007441	0.049228
4.995404	4.723049	4.236704	4.865861	4.824875	3.761627	4.216166	4.91831	4.276069
0.506092	0.17083	0.10953	0.225459	0.224345	0.34786	0.106088	0.234681	0.189229
0.03629	0.831266	0.802162	0.21968	0.536119	0.097238	0.271851	0.049785	0.046355
4.575205	7.261874	5.291176	4.531459	5.474144	6.591126	6.41448	6.099305	5.008912
3.475111	2.872825	3.361595	4.242784	3.687443	3.609053	3.9728	4.828593	3.278552
5.340047	3.327537	1.892796	2.382517	2.354232	2.604621	2.577825	1.783514	2.946776
2.857674	1.353549	1.086254	1.214521	1.547038	1.302264	0.903235	0.570665	0.97695
7.561076	7.163944	6.410852	4.955712	5.664638	8.161726	5.328602	6.138231	5.016745
0.034668	0.032669	0.045703	0.039355	0.012251	0.052715	0.054362	0.012251	0.027403
1.667474	3.305333	1.716437	0.950514	1.351413	1.870057	0.72732	1.156514	1.184497

3.234778	3.380846	3.278372	2.503315	3.711631	1.76686	2.291043	3.047242	3.021513
5.209372	4.400729	4.696986	4.912125	4.306067	7.741976	4.418933	5.393226	4.285778
3.491333	0.46236	0.451839	0.289639	0.237452	0.150417	0.260382	0.076773	0.141487
0.435493	0.492886	0.273933	0.310819	0.247248	0.070576	0.207135	0.295875	0.388379
4.815387	4.075769	4.701814	5.317917	5.670798	2.717452	4.208788	4.318192	5.396717
5.120019	4.720819	5.818873	5.830212	4.965142	6.324306	6.94063	4.598505	4.831883
0.13092	0.232364	0.071422	0.058536	0.113932	0.053609	0.020195	0.051851	0.059856
9.996585	9.769049	9.165126	9.463328	8.929997	10.74863	9.347853	10.50608	11.17227
5.44989	4.635484	4.248252	4.622203	4.639499	5.833703	4.639176	4.770604	5.348139
1.212954	0.490801	1.633334	2.650165	4.010714	1.577112	1.430392	4.274411	1.140537
7.620507	7.945015	5.021336	5.421803	4.319643	9.408252	6.028206	4.410562	5.180008
2.913704	1.928744	3.724261	3.973765	3.592549	2.408294	4.51894	4.523269	3.636878
3.999522	3.25708	3.094817	3.168269	2.980003	1.671746	3.218783	3.614574	2.867892
1.902381	1.496311	0.946244	0.581011	1.376837	0.970617	0.659275	0.815502	0.796118
0.048081	5.535749	0.113703	0.069168	0.051646	0.374435	0.107273	0.190523	0.07321
0.800728	0.57668	0.591041	1.030095	0.5931	0.644205	1.22342	0.349435	0.396429
4.48788	6.625445	4.080097	4.818855	3.86827	4.666463	3.222123	5.095658	4.890458
5.024958	5.608614	3.521211	2.782101	3.279461	4.092561	3.109717	3.003252	3.333392
2.513132	3.189974	1.015345	1.01209	1.996344	0.795475	1.667804	2.0221	0.168306
2.981892	5.196724	6.191218	4.782948	4.106251	6.060585	4.650754	5.135228	5.90602
0.31386	0.269386	1.32322	0.608511	1.812122	0.170244	1.638453	2.655576	0.568148
4.025169	6.404931	5.769856	5.388849	5.870795	4.939598	4.945526	3.853685	5.799255
3.695604	6.096639	0.56545	0.847393	1.599452	1.417754	2.361606	1.992678	0.480031
3.281557	3.703068	2.703235	2.613466	2.671083	3.834409	3.716681	3.628582	3.155134
2.057487	0.677977	1.44497	1.272771	1.406843	0.393749	0.989452	1.725638	1.670456
0.256894	0.944305	0.33336	0.186112	0.347637	0.439114	1.250458	0.18773	0.689366
3.345648	2.93338	4.810505	5.187166	4.915305	5.046506	5.518403	4.72698	5.592571
5.7523	3.986329	5.334919	6.459928	5.703388	5.143684	3.687211	3.738042	4.829624
0.824842	0.700317	0.602929	0.343161	0.291261	0.446825	0.340839	0.587637	0.162011
4.146088	3.632852	5.525678	3.430011	4.925764	6.177201	3.590294	6.057504	5.08693
8.072273	6.840092	5.739041	6.955808	7.150727	5.555597	6.025288	6.354353	6.130022
0.09403	0.295954	1.208239	0.268535	0.629549	0.15221	0.64683	0.513193	1.082727
2.375739	2.534456	2.714425	2.981859	2.816601	2.040458	2.744365	2.389299	2.179514
1.564618	2.862862	1.908387	1.363165	1.539915	1.615081	1.717991	1.443785	0.869624
2.283634	3.057504	2.001821	1.771307	2.177192	2.548609	2.203311	2.212386	1.489284
1.121853	2.26249	3.674279	3.590245	4.000187	3.614339	3.272016	3.35491	3.34622
1.921156	2.954236	1.90852	2.394155	2.800764	2.193553	1.133202	2.972073	2.009232
1.781114	2.098169	2.165006	2.754983	3.112582	2.167766	2.797127	1.93045	1.972525
4.746084	3.852771	3.40742	3.319595	3.376926	3.161009	2.001637	3.463875	3.14667
7.125547	8.360188	7.792796	8.328708	6.816347	13.13477	8.269124	8.335865	6.770163
7.027732	6.053511	3.765397	4.260248	3.833695	4.16851	3.984068	4.734787	3.653061
3.18364	3.113778	2.63237	1.532719	2.648581	2.724236	1.617986	3.462794	1.246275
4.68597	8.040219	7.7536	8.535438	8.806586	7.983237	7.94185	5.528773	7.26672
2.983653	6.707491	3.012814	2.634913	3.954814	3.534698	4.426049	4.736337	3.278801
3.628355	2.414862	4.011892	3.60372	3.7595	2.930646	3.354406	3.337598	3.475302
0.778102	0.701929	1.417866	0.992838	1.054446	1.110669	2.93945	1.006201	1.102987
3.538927	2.597859	2.93631	3.307645	3.199092	1.877688	2.303367	2.004203	3.195371
3.262961	3.57375	3.123075	3.725138	3.630423	3.984573	3.783828	3.054926	3.490353
4.156787	2.959908	3.18365	3.266823	3.427913	1.829727	2.951206	3.013154	3.350006
1.495981	2.870355	1.593658	2.58628	1.523561	1.124382	1.918074	0.480418	2.132359
3.45705	3.284204	3.012496	2.952636	3.385002	2.432668	1.751928	2.850212	2.789882

2.439358	1.719036	2.259417	1.263439	2.510326	0.713493	2.182953	1.681659	2.907436
4.735316	3.348408	3.534912	3.457043	3.578298	1.328724	3.136475	2.429438	0.754799
3.014484	3.632541	2.900974	3.190608	3.199385	4.013389	3.457585	3.696582	3.499146
4.180272	4.476684	4.097817	3.265149	4.16965	3.974245	4.669659	3.929111	3.812674
2.858331	0.699465	1.143919	1.297201	1.285301	0.480831	0.82119	1.65131	2.038881
4.887845	4.636512	4.002478	4.144179	4.064396	3.960027	4.506159	4.303794	3.568569
2.982705	3.725508	2.301144	1.887055	1.949225	2.976951	1.124271	2.440712	2.540576
5.909207	3.856622	4.480398	5.294596	4.590392	5.493792	3.106573	4.012019	4.475216
4.263581	3.642481	5.170087	4.679015	4.995077	5.099054	4.818649	4.658517	5.250179
5.82925	4.897631	4.786155	5.092177	4.822837	3.550389	4.482986	4.124094	4.581455
3.103216	6.636658	5.578718	4.814165	4.66148	5.84688	4.33484	4.001357	5.198583
5.159991	5.737174	5.128477	5.042749	5.084262	5.260829	6.051191	5.602443	5.064852
3.135531	4.957735	6.340903	7.235216	7.207681	5.427677	6.28465	3.149662	5.28924
5.833445	3.80975	4.8679	6.19821	5.504847	3.375802	4.521233	4.955298	5.072598
3.851053	3.952918	2.521847	3.072267	2.568142	3.235461	2.350113	3.250545	2.457719
4.749215	5.092909	6.355096	5.616264	4.003484	7.71081	5.207288	7.773813	6.905223
3.454592	1.845175	3.458875	2.922511	2.920411	0.907227	1.612422	2.344222	3.215289
3.805407	5.382323	2.448998	2.406609	2.913449	1.617731	2.131982	2.526257	2.0368
2.993427	2.521383	2.68688	1.765165	1.750801	4.548648	1.590652	1.606781	2.000428
2.292974	3.393799	2.570132	1.363022	2.364648	2.983559	1.866356	2.783656	1.765391
0.152908	0.258384	0.113651	0.977993	0.16036	0.097014	2.706961	0.104317	0.081681
5.851258	5.809595	5.283595	5.761258	5.266384	5.024893	4.776637	5.624147	6.598336
4.534744	3.292148	3.888849	4.494637	4.092089	5.280649	3.032793	3.626093	3.54065
5.621799	5.2518	6.152312	6.131906	5.986725	4.808683	4.307107	4.834777	6.447956
0.106018	0.084364	0.165231	0.10822	0.490969	0.564733	0.72254	0.117634	-0.05675
0.692701	0.560423	2.188076	1.778859	1.090914	3.479998	1.087049	1.678444	1.807511
4.228903	3.027858	3.729686	3.157542	3.398364	3.178748	4.230723	4.792077	3.665075
5.635743	5.91982	3.456391	2.462298	4.506233	6.510508	2.417706	3.583537	2.739548
2.720568	2.321467	1.508409	1.86542	1.651908	1.531537	2.04804	2.160591	2.468711
4.133307	2.397103	4.174121	4.110704	4.142137	2.435317	2.155457	4.177114	3.692756
7.6746	6.076252	6.762761	7.012934	6.840335	5.650892	6.291669	6.812732	5.924878
2.787474	2.808799	4.037771	3.262849	3.513434	1.851909	2.487376	2.814685	4.378112
0.66828	0.905832	1.042087	0.504201	1.203296	0.328448	0.536831	0.901205	0.560606
4.465747	5.169019	4.115347	3.847694	3.32168	4.876614	5.344639	4.176786	3.912049
3.75543	4.026647	3.695085	3.981532	3.70107	2.287252	1.844525	2.800188	3.634607
0.833207	1.542484	3.786243	4.919164	1.757611	0.764151	5.518402	0.434934	1.586039
4.082792	3.011244	1.229797	1.472516	1.824178	1.496763	1.217975	1.220805	0.864061
0.964276	5.103875	0.168781	0.058951	0.207539	0.016725	0.170252	0.206329	0.072933
6.359976	7.105971	4.873709	4.781501	4.743178	5.721804	4.397974	6.311863	5.430239
4.709625	6.275434	4.419266	2.908019	3.48368	5.110748	3.250133	2.696747	2.303148
6.014121	7.735349	5.243878	6.462351	5.447369	8.357131	5.929989	5.860098	6.071327
2.045303	7.006908	6.119185	5.549712	5.875376	5.241398	5.490848	5.514988	7.103057
3.518521	3.547756	2.763689	2.563872	3.135123	3.042603	3.745536	4.565485	1.972933
4.347682	2.66413	3.17833	3.540772	3.893315	2.212986	1.927544	3.225155	3.0707
3.527609	3.525015	3.580734	3.147819	3.525443	3.140648	3.92739	4.108425	3.424594
0.210933	0.257991	0.305149	0.217975	0.258305	0.228578	0.123333	0.719487	0.073435
0.220321	0.167164	1.218102	1.746961	0.417792	0.230448	4.470816	0.11509	0.304563
3.018816	1.181448	1.549003	2.02592	1.233999	0.224175	0.810792	2.50325	2.612651
4.495719	7.079395	1.525971	0.767171	0.695461	1.706237	1.156212	1.295467	1.04414
6.106271	6.793721	6.105938	6.183749	6.157048	8.174985	6.299489	6.451012	6.77407
3.622558	3.756466	2.941422	2.976374	3.165456	4.237272	3.756705	2.932861	2.931346

4.767346	4.948706	4.994364	4.578234	4.675123	3.88426	4.106898	3.724949	4.344266
5.181959	3.162116	3.385272	3.185695	3.107476	2.539191	4.516548	4.916443	3.125947
3.02445	2.945638	3.007234	3.643673	3.711094	2.596207	2.925187	5.564755	2.449255
5.392783	4.40884	2.886857	3.255341	5.022877	2.990229	2.603286	1.667911	3.196749
4.242621	5.459128	4.126468	4.563944	5.612673	5.132631	5.423302	5.109796	3.804459
0.164293	4.061005	5.375529	4.914176	6.179597	4.422379	4.840196	3.190981	5.452319
3.616919	3.58732	2.794653	2.515415	3.163152	0.92149	3.122607	3.134767	2.186558

TCGA-QH	TCGA-DU	TCGA-DU	TCGA-S9-	TCGA-S9-	TCGA-S9-	TCGA-DU	TCGA-TQ	TCGA-DH
0.650633	0.929371	0.579895	0.395323	0.490386	0.507747	0.801901	0.711507	0.518054
1.126193	0.627617	1.706649	1.610333	0.571113	0.866414	1.062814	0.957738	1.670046
5.948991	5.139812	6.065678	5.749388	5.662044	5.012518	5.171566	5.143274	5.665048
3.512003	4.793839	3.676651	3.093301	5.777976	3.716656	2.415573	3.419972	1.484319
0.39282	1.183189	0.981145	0.513132	0.621511	0.867651	1.744515	0.962879	0.735195
7.515109	7.132092	6.771065	6.823393	6.985995	6.894905	5.894461	6.061616	6.664707
6.239162	5.640658	6.505867	5.895322	6.00341	5.767759	4.968059	5.763984	5.710733
0.82085	1.933835	0.720327	0.569465	0.988703	1.089368	1.038832	0.881162	0.669465
0.774664	0.38815	-0.03522	0.08084	0.101263	-0.05662	-0.04337	0.275491	0.176848
5.791865	5.435619	5.90261	5.55869	7.494406	5.604842	5.360517	6.031259	5.12419
4.336654	5.22969	4.751912	4.369769	4.886578	5.106807	4.334944	4.901576	5.344677
2.383131	2.991143	3.324444	2.4836	2.702629	3.06755	3.463619	3.354761	2.571194
2.554496	0.970798	3.232821	2.707767	0.914661	2.149656	1.25545	1.929336	2.296731
3.509588	2.824841	3.873006	2.521401	4.475438	3.399809	2.524867	3.136369	1.905025
5.979168	4.010729	5.162238	4.976886	5.228074	4.602761	5.862251	5.465716	5.482404
3.49141	2.416884	2.853736	2.360514	2.436934	2.246031	2.761962	3.867488	2.338602
0.804602	0.44426	1.254099	1.127258	0.922284	0.633376	0.566365	0.816056	1.139848
8.636651	8.036085	7.902885	8.86004	7.406418	8.207716	8.609772	7.70218	8.209206
4.07366	5.332984	5.178008	4.570709	4.693705	4.671403	6.366324	5.678052	4.590691
3.623706	2.265051	3.252628	3.482963	3.97165	3.466962	4.383798	3.202945	3.136922
3.391777	2.659757	3.689933	3.562734	2.849057	3.247096	3.392474	3.648073	3.188684
2.577473	2.470604	3.466348	4.029222	2.758087	3.0457	3.552898	3.453854	4.975683
2.845732	2.315194	1.688796	3.03512	2.931715	2.584835	3.257261	3.009348	2.771786
0.607708	0.501944	0.311023	0.313428	0.988378	0.39454	0.57278	0.521889	0.312454
3.400706	3.176009	2.847877	3.11125	1.761568	2.294267	3.481806	2.859346	2.629487
2.334202	1.183757	4.900615	3.181727	4.434387	2.082764	1.728413	3.845753	3.38763
0.766105	0.801422	0.785196	0.994622	0.712468	1.521068	0.88586	2.000403	1.624217
3.479775	4.45047	4.340171	4.681674	4.906536	4.564979	4.382904	5.147623	5.380909
2.668371	3.762458	1.940218	2.164825	1.682907	2.851689	2.946604	2.227162	2.045237
4.309399	4.847771	4.164489	4.386304	4.253318	4.676587	4.79866	4.589625	4.524646
2.443415	1.847356	1.811293	3.148987	1.342035	1.041467	1.993881	1.345789	2.440632
4.893399	4.611932	3.417835	3.189427	5.480448	5.085034	4.982646	4.609856	5.168452
5.057507	4.341087	4.729395	4.955968	4.69174	4.693137	5.468394	4.825865	5.905621
2.48548	2.195289	3.330396	2.23914	3.473161	2.868573	2.912201	2.77522	3.221295
2.500809	3.09191	2.606921	1.859864	2.267264	2.548205	3.061756	2.277062	1.581319
2.075387	1.893457	2.395684	2.276243	1.732936	1.538364	2.525601	2.675396	2.319949
5.978223	6.29102	4.991933	5.11009	6.058559	6.058949	5.666199	5.536188	5.140045
3.624112	3.968807	4.174398	3.816379	4.448486	4.348657	3.31686	3.513233	3.741932
4.688073	3.017414	4.478028	6.225506	5.656562	4.316262	4.274317	4.562051	4.56731
0.232948	0.09004	0.1462	0.124254	0.181573	0.077701	0.092953	0.09648	0.078835
0.560862	0.602	0.918257	0.372979	0.304427	0.787892	0.541457	0.511736	0.432734
2.52491	3.118378	2.13532	1.986688	3.401198	2.904747	3.115062	2.704689	1.740057
2.050364	0.837781	2.065813	3.028696	1.753049	1.474151	1.479998	1.819782	3.263959
1.015333	0.48463	0.284429	1.019439	1.653578	1.138775	1.355687	2.175582	0.614947
1.147832	1.655389	1.720554	0.547952	0.705305	0.842691	1.149438	0.604423	0.577552
11.29071	9.071004	9.842493	11.07745	9.743801	9.988811	9.72857	8.512595	10.73477
6.233954	6.482475	5.902992	5.703408	7.232896	6.392088	6.659486	6.277972	5.760927
4.319117	3.899641	4.822943	3.412916	5.750943	4.111836	4.728954	4.690497	3.441319
0.558257	1.174677	0.378986	0.51314	1.139711	1.111011	1.126043	1.256176	0.752349

0.369079	0.513202	1.327857	0.681568	0.879533	0.320047	0.532032	0.897886	0.452237
0.670747	0.488373	0.334603	0.490463	0.441616	0.953689	0.490043	1.147862	1.261942
2.138073	1.795848	1.63769	2.25802	1.685307	2.08184	2.943095	2.457426	2.122886
4.989135	3.798532	5.176404	4.429041	5.88464	4.260143	4.841036	4.789278	3.971724
5.137802	3.753258	3.967773	3.60864	5.00815	4.197993	3.732295	4.447686	4.265932
0.17737	0.022438	0.191605	0.138811	0.085922	0.083592	0.077324	0.101026	0.333124
0.631723	0.61587	2.320738	0.643583	1.200054	0.670732	0.50969	0.617046	0.944698
8.01379	6.580066	7.893454	9.107203	4.776139	6.908458	7.185517	6.803099	5.341899
9.529677	8.736425	8.390886	10.5991	8.590944	8.898497	10.0141	9.243833	8.929803
3.744489	3.623779	4.904818	3.335049	4.023311	4.903935	4.84234	3.59242	4.807204
0.803673	0.679046	1.671519	1.570469	1.50423	1.100016	0.974627	1.161071	1.355842
5.957734	6.458616	4.141483	5.309352	6.216277	6.469677	5.935311	4.869496	5.740631
1.577941	1.216271	2.463914	0.866409	0.677317	1.107102	1.338416	0.779931	1.061414
3.392285	4.210093	3.506175	3.221482	3.335855	2.862462	2.979009	3.641574	3.1382
0.928115	0.715539	0.92767	0.641874	4.12841	1.497838	0.564036	0.871832	0.952423
10.64453	8.252712	8.793917	8.31241	11.06024	8.308237	6.483633	7.034179	8.798134
2.602483	2.007163	2.450868	3.2178	2.451877	2.841078	2.223789	2.871272	2.9976
3.649873	3.317874	3.748323	3.590809	3.336103	3.183518	4.142863	4.002051	3.324932
0.69956	0.847	0.396809	1.242407	0.590798	1.58301	1.220059	1.077367	1.931713
5.574367	5.426635	5.898408	5.033934	4.213839	5.109349	5.261764	4.989655	4.719085
3.20932	3.876226	3.516682	2.958662	3.523574	3.774913	3.854825	3.404329	3.263333
2.098385	1.092514	2.801166	2.564743	1.981712	1.659983	1.317502	1.401773	2.713223
1.792983	2.096603	2.991744	2.964161	2.56005	2.491438	2.932159	2.92081	2.195461
4.503363	5.574376	4.468343	3.662836	5.161693	4.747922	4.988112	4.133406	3.176211
5.891695	5.75941	4.103041	4.12102	4.589045	5.487916	4.88699	5.14136	4.242178
5.889592	3.678722	3.616041	4.039021	2.897622	5.422327	0.709397	2.921937	2.879058
2.869404	2.241959	3.645686	4.647147	2.456872	2.566608	1.449506	3.272363	3.490348
2.698549	1.307707	3.315136	2.528528	2.653242	1.986871	2.819511	2.589895	2.559816
2.017862	1.933843	2.433138	2.477211	2.497951	2.138234	3.100187	3.090474	2.32154
3.205419	3.673309	2.793166	2.44157	3.015858	3.099867	3.40523	3.688994	2.809171
1.901699	2.333489	1.792999	1.443059	1.971723	2.083706	1.821491	2.393718	1.324347
3.840788	3.980854	3.386618	4.490851	4.091547	4.723798	3.533213	4.481199	5.118513
8.090043	7.773627	7.669395	7.965702	7.586125	7.846284	7.412293	7.102059	7.480099
0.52906	0.732858	0.976566	0.923889	0.496565	0.702278	1.273289	0.785192	0.959387
5.914565	5.729106	5.384554	5.342786	5.401167	5.416504	5.995064	5.752885	5.441223
0.651093	1.017915	0.381185	0.443911	0.520895	1.518327	0.369177	0.436731	0.898659
2.957294	2.750677	3.333609	3.633013	3.144605	3.175867	2.685072	4.078769	3.472917
3.796681	3.021068	2.679936	2.518957	3.358427	3.471076	3.078553	3.081203	6.381895
1.441631	1.689752	2.668951	1.943283	1.22339	1.994508	2.035774	2.45109	2.157369
2.666517	3.252388	3.558812	2.756425	3.478073	3.39714	2.762002	3.197672	3.029628
7.474495	3.904474	3.036416	4.319679	8.219199	5.513456	2.697405	4.753203	2.822182
0.234793	0.101289	0.333902	0.488478	0.147942	0.145591	0.156225	0.120005	0.37287
3.713135	1.682775	2.937069	3.368155	2.310412	2.260092	2.200486	1.799017	4.215703
0.767063	0.030341	-0.02154	2.505616	0.411833	0.208029	0.243657	0.806092	0.535833
3.796844	1.559509	4.542045	3.26531	6.113601	3.076982	2.858522	2.443674	4.335759
1.163739	1.946834	1.432174	2.667003	2.385925	2.577898	1.270703	2.1295	4.13797
2.712347	4.261252	3.525235	3.137267	2.825612	3.706848	3.753239	3.729088	4.455884
2.458487	2.803569	1.450173	2.494194	2.678814	2.531981	2.518805	2.590297	3.333309
6.044583	5.385398	5.526594	6.963144	5.059126	5.436867	6.140347	5.703786	6.025806
2.069661	1.081023	2.64323	2.24533	0.909206	1.642254	1.793387	1.532813	2.292784
7.768364	6.316276	6.754858	6.329887	6.383901	7.212555	6.24298	7.855725	6.722025

2.430837	1.715769	3.470234	3.267255	2.025103	2.21291	1.225052	1.847353	1.236041
1.421559	1.683535	1.531392	3.063737	1.401433	1.616577	2.26864	1.963925	3.085275
3.041862	2.103938	3.319493	3.165396	2.340462	3.051736	2.721966	3.057119	2.379583
0.224384	0.03447	0.441764	1.327482	-0.00503	0.270379	0.140343	0.122128	0.210561
9.694705	6.77179	8.818947	8.840554	8.307256	8.810511	8.59414	7.157736	9.013529
3.909273	4.155805	3.604475	4.048471	3.31634	4.662487	6.344239	3.841844	4.829165
3.529214	2.338741	2.506479	2.795241	2.27381	2.402308	3.631209	2.385754	2.333758
0.504682	0.622205	1.05802	0.433256	0.770531	0.547425	0.343051	0.297276	0.45968
4.409039	3.938901	2.819074	3.020402	5.631642	4.32068	4.888403	4.790873	3.86244
1.17414	0.770345	1.453672	1.329618	2.109082	1.369827	1.600862	0.893343	1.368524
2.38916	2.72873	2.270305	2.504542	2.639565	2.453764	2.122415	2.422912	2.694224
2.48756	2.750227	3.179245	3.066794	2.516341	2.564935	3.215532	3.201848	2.93721
0.078249	0.445934	0.281863	0.162373	0.108813	0.255886	0.391409	0.311411	0.11798
-0.00954	-0.04369	0.080061	0.575926	0.034015	0.045471	-0.01956	0.135889	0.036038
3.293031	1.606809	4.20327	3.390293	2.135527	3.856843	3.668939	3.672433	2.94732
4.676229	2.77274	4.218958	4.478809	4.981911	3.744298	2.370758	4.481356	4.365588
3.276451	1.454771	2.279882	4.66604	1.140496	1.764139	1.751356	2.734784	3.346903
2.790675	2.72949	2.843446	3.034434	2.360506	2.705456	2.748252	3.163495	2.781718
4.053627	2.690398	3.40768	3.927715	1.988119	2.382493	2.412051	3.569921	2.996766
8.228325	6.240972	6.805596	8.425669	6.386787	6.548976	7.249346	6.982516	7.819559
0.023057	0.048255	-0.03543	-0.05326	-0.05326	0.037882	0.174109	0.052562	0.029703
0.691283	0.611454	0.522471	0.881043	1.106791	1.146047	0.588726	1.031339	0.326091
2.24765	2.363298	2.826736	3.121326	3.170025	3.312965	2.439651	4.0337	3.210511
7.522764	6.838226	5.681889	6.631526	5.218673	6.94192	8.12434	5.204936	6.804204
0.019765	0.056243	0.019595	0.02182	0.009403	0.13143	0.069782	0.130123	0.378392
0.339221	0.65693	0.695138	2.540481	0.91422	0.234952	0.201426	0.475019	0.065935
3.681932	3.59391	4.052515	3.640954	3.678181	3.623046	3.765552	4.176336	2.925825
5.770923	6.155776	5.804152	5.842603	5.378075	6.336421	5.519542	5.320461	5.571439
5.067414	5.98841	5.028218	4.796775	4.903251	5.337838	5.625647	5.717877	5.0759
4.502554	4.103149	3.819297	4.380801	3.49256	4.289991	4.333233	4.755912	4.540488
3.619858	3.357143	4.377302	3.500247	4.053617	3.388836	4.381392	4.233211	3.680625
0.827067	1.465403	1.352487	1.212228	1.834534	1.137321	0.93925	1.295381	0.921089
4.896444	4.721136	5.21566	6.441008	6.070374	3.662745	2.40053	2.942371	4.372044
0.000681	0.053916	0.006921	0.009978	0.000681	0.048481	0.027536	0.013097	0.015253
5.716621	5.392405	5.355829	7.964793	5.738486	4.717306	4.989563	4.253207	4.768681
3.454878	3.906759	3.308569	3.80499	3.749183	3.976621	4.592355	4.10181	4.227023
4.431405	3.273186	4.203798	4.227059	4.06934	3.845672	4.589416	4.554034	4.31669
1.94219	2.389428	1.264057	3.415211	2.148032	3.397601	1.783505	3.101704	3.856082
5.432876	4.584524	6.165847	4.832545	5.971857	4.854609	3.775359	4.601325	4.580826
2.27188	2.362575	3.779129	1.433422	4.074329	2.664832	1.567163	2.917699	2.601575
0.247616	0.940715	0.110147	0.023151	0.049326	0.236249	0.523831	0.384172	0.007441
3.763283	4.644145	3.915414	2.793117	4.43322	4.208591	3.752342	4.635292	3.819651
0.493731	0.18441	0.381176	0.513134	0.158115	0.360827	0.369046	0.194616	0.313643
0.136879	0.156276	0.278957	0.208009	0.134454	0.285921	0.074373	0.09848	0.108388
6.822103	5.617746	6.0062	7.137091	5.109323	5.94317	5.557602	6.190707	5.790635
3.893324	2.854458	3.568458	4.93586	3.198173	3.959283	4.042817	4.646255	4.716786
1.812565	2.104022	1.729184	1.916375	3.50728	1.867353	2.102666	2.158285	2.558336
1.389526	0.808809	0.872486	1.10232	0.772376	1.440177	1.884071	1.124266	1.026423
6.326319	5.118621	7.160639	6.939842	7.090668	5.702216	5.011766	5.777982	6.653768
0.065891	0.052643	0.031186	0.147843	0.037477	0.072243	0.028618	0.031109	0.066926
1.460197	0.98066	2.234562	1.464767	1.999383	1.114912	0.885955	0.946408	1.84495

2.365865	2.205981	2.451572	2.422151	2.514361	2.516463	2.505745	2.979963	2.788323
5.831054	4.662241	5.881506	8.083419	4.772193	5.09385	5.330493	4.977717	5.831596
0.244875	0.570029	0.221456	0.519607	0.150073	0.275739	0.140205	0.255405	0.226841
0.144166	0.290316	0.086882	0.09441	0.104167	0.141684	0.476609	0.216787	0.067791
3.63461	4.674912	4.718273	3.493604	5.012755	4.135901	5.333545	4.33224	4.420082
5.275814	6.353913	5.334742	4.988815	4.840531	5.591654	5.663862	5.330436	5.353686
0.079209	0.060905	0.062977	0.062692	0.071566	0.196106	0.043311	0.2537	0.260081
9.629049	10.51789	10.23322	9.0348	11.12025	9.66888	9.789945	9.612882	9.812673
4.536779	4.657209	4.431955	4.494354	5.418486	5.118455	4.720373	5.185393	4.691407
1.006985	1.524473	2.409455	1.625462	0.515745	0.518492	0.913789	1.911604	0.902123
8.274262	6.454095	7.90175	6.80471	6.846421	6.720741	4.468655	4.962962	4.887164
2.456598	4.589711	3.497107	3.174797	3.550008	3.670877	4.304932	4.327555	3.576239
1.990296	2.549941	3.154709	3.357117	2.436372	2.612432	3.849869	2.922253	3.495554
0.910732	0.723728	1.351218	1.411506	1.280127	0.824239	0.852502	0.946493	1.472496
0.051203	0.104275	0.070772	0.160295	0.066673	0.08925	0.044022	0.076787	0.062539
0.531301	0.919378	0.606162	0.905721	0.665328	0.473497	0.534019	1.034325	0.839116
4.054505	2.981323	5.6927	5.390993	4.114292	4.209219	5.145988	3.566769	5.317574
2.627913	3.536099	3.026132	2.516137	4.430334	3.179759	2.855551	2.832409	4.286452
2.158092	0.711971	1.569397	2.039872	1.355461	3.121959	1.044769	1.914772	2.841624
5.667431	4.058266	4.338892	6.947061	6.459497	5.470156	4.712641	5.50483	4.823762
1.642779	0.861879	2.22756	3.320137	1.054123	0.56015	0.200934	0.402959	2.018265
5.482672	5.330007	5.331223	5.224167	6.997007	5.196968	3.709848	6.007472	4.774369
1.4161	4.200667	0.785387	2.722694	1.738443	3.228125	1.882792	2.208916	3.238936
3.349611	3.073457	2.798458	3.390991	3.22551	3.57242	3.200999	3.005196	3.768532
0.685944	1.352144	0.8892	1.111368	1.402333	1.1791	1.726416	1.65656	1.086573
0.195091	0.095238	0.507897	1.071963	0.318021	1.075714	0.719935	0.871286	0.571231
5.509368	4.714709	4.65137	4.034065	6.305075	5.238999	5.00036	5.683527	5.069056
6.821043	3.951754	6.201862	6.007607	5.449963	5.97478	4.436195	5.900964	4.624334
0.705427	0.113369	0.716137	0.922333	0.355407	0.454785	0.376546	0.393117	0.788344
5.086059	5.27161	5.648735	7.258699	6.537177	3.969506	2.710877	3.897019	3.588016
7.40523	5.354505	7.041878	6.549862	7.163064	6.659027	6.87239	6.284451	6.735087
0.207596	0.864801	0.059993	0.214133	0.256574	0.527242	0.20828	0.233245	0.112278
2.593679	2.116208	2.576154	3.115469	2.139135	2.385015	2.4558	2.56302	2.643368
1.521368	0.738726	1.81552	2.826882	1.001406	1.890409	1.105929	2.325891	2.113613
2.1546	1.85517	2.809447	2.652889	2.973314	2.05737	1.459749	2.349427	2.414749
4.124992	2.753663	3.496688	3.413652	2.786763	3.247768	3.160056	4.129723	4.74447
3.690004	0.334015	1.377421	2.197926	1.659288	1.923525	1.231769	2.210082	2.063117
3.179829	1.315101	2.916581	3.200283	2.349396	2.416639	1.803405	2.693387	2.524877
2.975824	2.129413	3.627936	3.19125	2.610729	2.493893	4.189513	3.127938	3.362119
11.19438	8.802568	10.13583	9.416228	12.2018	9.775574	7.699186	8.680912	11.08036
4.257066	3.242323	3.568656	4.819978	3.585293	3.991796	5.045458	3.636378	4.904585
2.597333	1.171491	4.567328	3.982502	1.576269	1.893063	2.990587	2.196859	3.987967
9.001773	7.463276	7.624137	8.11681	6.742124	8.982259	6.271252	8.196991	6.923217
5.028699	3.833771	3.929539	4.204445	4.111088	4.70939	2.416579	4.659913	2.980579
2.81689	2.933368	2.595091	3.10835	2.362483	3.319508	4.053521	3.736168	3.326276
0.667138	2.093134	0.590063	0.481153	0.962095	1.868066	1.406763	1.121463	0.511994
2.553725	2.308511	2.122266	2.196889	2.302003	2.301707	2.960095	2.9768	2.371523
3.91384	2.926506	4.958851	4.150772	4.85147	3.942918	3.936139	4.486703	3.879175
2.38441	2.565668	3.256755	3.328327	2.940709	2.540833	3.370335	3.493435	3.046975
2.025937	1.524195	1.573199	0.654375	1.471658	1.849135	1.406861	1.835833	1.453603
2.787273	2.486805	2.354758	2.346811	2.500294	2.5795	3.157563	2.430168	2.903435

1.193765	1.917237	1.691266	1.754112	2.00636	1.684558	2.067659	2.433869	1.264644
3.006399	2.694863	2.570641	2.978026	1.888238	3.195804	3.079665	3.624362	1.730414
4.328647	4.978263	6.529543	3.456089	4.735608	3.816391	3.303815	3.457357	5.415661
4.951048	3.932718	3.643141	3.904496	3.444915	4.150033	4.373258	4.267415	3.846566
0.892366	1.269002	1.126865	0.744616	1.62137	0.966053	1.853444	1.202813	0.798499
4.241182	4.299967	3.89985	2.644243	2.95417	3.88777	5.169995	4.656345	4.644645
2.108309	1.56559	4.590438	2.555491	3.360421	2.30318	1.602587	2.129306	1.914513
4.903004	3.389348	4.716128	4.535427	4.557951	3.746003	3.965801	4.51662	4.827179
5.173211	4.659366	4.74741	5.036224	4.788511	4.97747	4.809219	4.867211	5.038047
4.085856	3.677889	4.86067	4.627588	3.717052	3.969191	4.931293	4.872984	4.124906
3.925353	4.511589	5.064704	5.033598	6.838095	4.230902	3.832431	5.129387	4.898472
5.607818	5.705118	5.550257	5.269567	5.202587	5.614876	5.469512	5.775692	5.859588
8.713391	6.828445	5.972743	7.173731	5.326831	8.512715	4.79937	6.785244	5.691535
2.316779	4.432241	3.914238	4.381213	4.026983	4.612539	4.307585	6.092296	4.491688
3.259376	1.85404	4.400762	3.909096	2.972705	2.975921	3.256157	2.809034	3.272182
7.147561	4.746384	4.62499	7.096431	7.273795	6.217103	5.906643	5.945679	6.403905
1.888423	1.781292	2.562048	2.477197	1.612892	1.440403	2.362188	2.659304	1.739172
2.551528	1.976002	2.385909	2.930608	2.213776	2.506758	2.498307	2.252579	2.946117
3.100887	1.40888	1.969149	3.045474	2.654997	1.949213	1.321301	1.978294	2.601328
2.705641	2.40688	2.498598	3.459386	3.566709	2.998006	1.512454	2.073163	3.296009
0.164738	0.361902	0.194772	0.175652	0.075257	0.316319	0.612711	0.157365	0.284326
4.318362	5.482862	5.918365	4.356758	6.343402	5.072788	5.277817	5.923095	5.178028
5.261167	2.885018	4.646641	4.672212	4.602084	4.506133	3.988049	4.042521	4.665887
5.331666	4.725792	5.887524	5.99097	6.065214	5.195926	5.343443	5.810181	5.156207
0.627858	-0.06553	0.068249	0.092351	0.268305	0.126233	0.256712	0.217462	0.497082
1.482102	0.96846	3.629679	2.329424	2.989043	2.17498	0.638107	1.945841	1.976651
3.875684	4.064341	3.262879	3.371687	3.518843	3.549548	4.024703	3.48821	4.135381
5.853878	1.40167	5.744833	4.910591	3.624062	3.549435	3.704855	4.068917	4.076081
1.859419	1.630487	2.185143	2.495856	2.574484	2.791709	1.804023	1.946628	2.694834
3.709267	2.882095	3.660678	3.749793	2.416787	3.555371	3.282956	3.576281	3.629039
6.856753	5.946922	5.543384	6.921533	5.755475	6.721411	5.694552	7.131575	7.068872
1.587357	2.404703	2.944947	2.782414	2.547862	2.338022	3.089245	3.364113	1.616545
0.399963	0.959499	0.392109	0.528855	0.537387	0.451758	0.682746	0.945439	0.678528
3.917822	4.752311	3.851601	3.683341	4.706682	4.24813	4.758811	3.693543	3.98706
3.234516	1.720212	4.1005	3.388214	2.571755	2.814439	3.544883	3.625942	3.139665
2.507431	4.762422	1.734061	1.135682	1.681464	2.943246	4.312397	1.342739	0.568656
1.694186	1.06941	1.469084	2.134801	1.315362	1.685578	2.043245	1.481769	1.863829
0.091944	0.245006	0.060829	0.565335	0.109691	0.03953	0.03208	0.025594	0.176598
4.330617	5.105121	5.479731	4.870778	4.943779	4.438333	6.171877	4.935657	5.410835
5.093559	2.750433	3.518587	5.159809	2.364585	4.203113	3.372719	2.551328	4.070424
6.458505	5.403204	6.422799	5.757711	6.469097	5.637819	5.955122	5.605439	4.543126
5.682118	5.76335	6.835699	5.014719	7.714994	5.240322	4.50779	6.202284	5.497701
3.605604	3.846734	3.318863	3.344207	2.863643	3.817824	3.597633	3.180713	4.683134
2.847792	2.372851	3.558982	3.138708	2.606704	2.513692	2.766923	3.287341	3.087989
3.298464	3.866838	3.321575	3.404283	3.467372	3.579214	3.996971	3.840554	3.606274
0.350813	0.174466	1.40762	1.322827	0.311082	0.398075	0.071138	0.867926	0.631438
0.367103	3.229443	0.211967	0.101858	0.253497	1.635518	1.456966	0.272837	0.143899
0.798753	1.336647	1.137257	0.81403	1.696428	0.688896	2.973716	1.389284	0.472229
1.491979	1.048169	0.607859	2.029094	1.565555	0.721176	1.037412	0.894382	1.423382
7.389534	5.747601	6.603641	6.553359	7.844741	6.575496	5.533862	6.954997	6.475519
3.757909	3.530148	3.276943	3.500374	4.22462	3.475159	3.45342	3.34611	3.863442

5.179735	3.66084	3.875705	4.866434	4.416257	4.265144	4.292422	4.35639	3.399455
3.1115	4.297772	2.899754	3.109811	3.161834	3.517752	3.653823	3.438271	3.744424
2.687871	2.603858	4.082732	4.039678	2.130036	4.358905	5.441991	4.138947	5.654816
3.018323	2.582863	4.597559	2.836445	4.338961	2.334241	3.179474	3.705752	3.119789
5.54034	4.399844	4.445863	3.619235	2.910873	4.724333	5.321423	5.664653	4.877684
4.907984	4.087918	3.712866	4.280034	4.525864	5.214245	3.719918	5.943288	0.982656
1.499895	2.851913	2.06539	2.215488	1.309751	2.37004	2.484318	2.784585	2.693233

TCGA-FG	TCGA-HT	TCGA-DB	TCGA-HT	TCGA-VM	TCGA-EI	TCGA-CS	TCGA-TQ	TCGA-DU
1.640811	0.688118	0.759895	1.06108	0.755311	0.744696	0.272213	0.808221	1.532085
0.70866	0.970184	1.334568	0.868017	1.162556	1.188623	1.26125	1.46663	1.657844
4.763344	6.543986	4.836045	5.365202	7.135215	3.704484	4.774378	4.871777	5.574864
3.798848	5.563734	4.948781	2.34898	5.39535	3.482246	6.017229	2.833973	3.766796
1.499924	1.546211	1.268622	1.095962	0.340432	1.435134	1.082134	1.494924	1.052431
7.638109	6.197976	6.412885	7.252986	7.76965	5.266273	6.20993	6.299451	5.165197
5.584113	5.62894	5.803783	5.496663	5.719776	6.028606	5.478352	5.67305	7.044037
0.584675	3.083881	0.573036	1.144851	0.996554	0.97443	0.820345	0.682251	0.586657
0.005123	0.117871	0.090989	-0.03516	0.085193	-0.01008	0.010032	0.292014	0.097382
6.29328	5.329761	5.265685	5.020653	5.956533	5.888118	2.834722	4.922106	3.396786
4.335907	3.446473	4.413205	4.307697	5.051845	4.723206	3.263794	4.925501	4.175469
4.009467	3.877523	3.354273	2.828827	2.254657	3.365355	2.062271	2.595607	3.728054
1.57106	2.120339	1.350023	2.584357	2.978227	2.385781	2.625487	1.858604	2.13558
3.67805	4.134624	2.251404	2.919267	5.456353	3.72043	3.251297	2.754304	5.475907
5.871036	4.598254	5.490075	5.774856	3.867611	5.668517	5.786734	5.386919	5.00455
3.239432	2.612094	3.606922	4.100653	2.16888	3.659022	5.991545	3.421559	3.784683
0.647685	0.616656	0.837458	0.856413	0.702813	0.821435	1.524588	1.270839	3.124178
8.771905	7.677826	8.275632	8.139419	8.834531	7.931136	8.377617	8.297609	8.459287
6.524509	4.274715	5.203362	5.848388	2.962356	6.30567	4.641955	5.340873	3.07536
4.461453	3.348135	4.153719	3.694297	1.815324	4.132252	5.141081	4.647134	4.63629
3.442247	3.146214	3.929066	3.097021	3.312018	4.023206	2.452135	3.13353	4.059958
2.816077	3.732999	4.905361	3.613529	2.735808	2.832164	4.673285	3.771421	3.057733
3.228188	3.296091	2.006136	2.915091	2.62964	2.409853	3.194329	2.782868	2.13432
0.276171	0.323329	0.283527	0.669085	0.829529	0.454929	0.480864	0.672508	0.74655
3.395081	4.073932	2.769226	2.89623	3.961695	3.526849	3.384602	3.294467	3.276821
3.913445	2.250571	3.900792	2.802228	3.262182	2.932559	6.436609	4.048118	4.745017
0.839107	0.590157	1.632646	1.025442	0.446691	0.64193	0.18293	1.750201	0.763323
4.255035	3.992413	4.52349	4.593006	3.554888	4.73386	5.931906	6.163181	4.756837
2.208625	4.874228	2.362651	3.133092	3.335718	3.174344	3.15842	4.4276	1.990544
5.23135	4.097577	4.624794	4.568795	4.11274	4.451075	3.523784	4.703126	4.023688
1.520859	1.281069	1.836229	1.392889	2.29498	2.574347	1.391719	1.913128	3.776346
4.420834	5.537253	4.575466	4.374705	6.124821	5.402497	4.15584	4.433593	3.276637
4.377492	5.089621	6.302292	5.061293	5.052705	5.156595	6.275419	4.6443	4.454815
2.104526	2.362143	2.630012	2.663047	3.450213	3.197763	2.605946	2.887813	2.564086
2.429615	4.098095	1.802718	2.912799	4.311792	3.037118	2.047873	2.00442	2.773225
3.013325	1.700169	2.901934	2.587752	1.183506	3.287579	2.613184	3.226947	2.6776
4.699193	5.785382	5.230648	5.292825	5.672222	5.478494	4.074826	5.42868	4.318217
3.433536	3.791368	3.603372	3.040256	4.500095	3.770728	2.974809	3.939976	4.438612
4.545855	4.643265	3.653103	3.824723	5.584136	4.52162	4.077342	4.814192	4.999846
0.0847	0.091889	0.128619	0.084093	0.158832	0.067165	0.097575	0.092141	2.185955
0.472339	0.55687	0.436486	0.543217	0.630599	0.451478	0.642203	0.180567	1.317732
2.20243	3.332235	1.914167	2.791316	3.274755	2.392717	1.951728	2.175579	2.524719
1.668428	1.193074	1.750356	1.114823	2.839535	3.357821	1.616588	2.066731	4.756574
2.078196	1.252921	1.155043	2.297177	0.559974	0.832763	1.485778	0.804468	1.186397
0.478941	2.425337	0.456018	1.179697	2.576867	1.088965	1.34918	0.576959	1.417225
8.95973	9.4769	9.454952	8.107163	11.15963	9.947346	9.946702	10.11739	10.94847
6.11005	7.50149	6.160761	6.604665	6.056465	5.860143	4.220447	4.919643	3.373937
4.211818	5.567901	3.125575	4.0385	4.880357	4.37791	2.402499	3.51863	2.744554
1.217253	0.417342	0.531421	0.868128	0.348304	0.909982	1.05284	1.798424	0.783642

0.939199	1.438936	0.79973	1.007115	1.064196	1.068358	1.021846	0.687437	0.843502
0.48502	0.47592	0.251626	0.91778	0.585933	0.4263	0.342293	0.822203	0.408737
2.274834	1.648761	1.869042	2.583844	1.708618	2.195815	1.895564	2.942169	0.952156
4.072408	4.916967	4.038755	4.310902	5.330765	4.224652	4.64498	3.375124	4.671807
3.931666	3.620433	4.080145	3.968328	4.073638	4.037441	3.868991	3.823614	4.336451
0.110604	0.07194	0.105407	0.085906	0.118458	0.15512	0.150528	0.276784	0.534353
0.900977	0.374124	0.465178	0.457765	0.955332	0.764492	0.705213	0.554938	1.936261
6.943969	6.873864	7.496379	6.836793	7.507869	7.67832	8.617758	6.835354	8.665191
9.349093	7.858764	9.114302	8.873358	10.00074	8.892439	9.223792	7.805867	7.473282
2.707124	4.684303	2.844059	3.823674	4.654556	3.547064	4.087871	4.288894	3.906876
1.167759	1.000415	0.918974	1.384055	1.254348	1.366792	1.311943	1.6721	2.566354
3.657369	5.264343	4.158406	4.844107	7.665267	4.744097	4.013781	5.285789	4.363494
0.942452	1.032845	0.755366	0.985306	1.491029	1.283447	1.248211	1.032379	3.149494
3.608707	3.831298	3.371695	3.433377	3.288608	3.852777	2.110298	4.425172	2.979722
3.995935	1.123423	0.807001	0.762839	2.481179	0.911684	0.547227	0.728478	0.84682
7.766293	9.284122	6.694292	7.954159	11.26898	8.061555	10.45805	5.0352	8.33225
3.632973	3.043888	3.330345	2.733769	1.721351	3.357261	2.706873	3.687162	4.076541
4.011683	3.210183	4.126858	3.382692	2.635593	3.781921	4.154555	4.332469	4.01637
0.846982	0.46503	0.586381	0.760064	0.570603	0.365457	0.064973	1.267974	0.17612
5.80726	5.29893	5.125692	5.02432	5.708184	6.247942	3.557711	4.814924	5.835648
3.503711	4.974765	3.374788	3.479854	3.546319	3.474117	3.446104	3.41677	3.272804
1.119476	1.12979	2.206007	1.433055	2.145011	1.652948	1.668886	2.533565	3.645846
2.896137	2.786365	2.99936	3.17132	1.846933	3.197305	3.444949	3.607079	2.899833
3.817414	6.866846	3.616444	4.585425	5.991856	5.13609	4.044263	3.293997	3.846608
3.573502	6.023386	2.33121	5.239914	7.340391	4.243321	4.993616	2.928956	5.277403
2.102885	5.357796	2.97879	2.422649	1.687331	3.80331	3.900809	5.17996	4.896674
2.140182	2.863373	3.766699	3.034095	4.632171	2.741288	4.078328	2.120645	4.261478
3.08937	1.958344	2.774709	2.472577	2.084507	2.960197	3.700819	3.883614	4.149646
3.341401	2.840364	3.21419	2.900067	1.517802	3.396899	3.33084	3.881679	1.961354
3.173429	4.430022	2.787482	3.854999	2.717993	4.129108	3.487934	3.221913	3.221431
2.085314	2.808854	1.538808	2.975649	1.695144	1.83347	2.312145	1.309932	2.165706
3.394994	2.737422	3.390028	3.616664	4.113875	2.640237	2.041732	4.777182	3.079922
6.106555	6.786008	7.370628	7.049213	8.630434	7.006558	7.27348	7.417623	6.950476
0.610776	1.798839	1.152872	0.821399	0.550653	1.293982	1.280048	1.142712	0.78205
5.321246	4.323836	5.55026	5.506776	5.337857	5.06204	5.774214	5.847224	4.598295
0.388128	1.342532	0.338988	0.503847	0.845698	0.715278	3.355486	0.63836	1.197585
3.636177	2.898786	4.108039	3.788672	2.408326	3.298329	4.216882	4.202979	3.758269
2.088642	1.042238	5.196196	2.923083	3.933815	2.527963	0.854355	3.305926	1.008683
1.724114	1.824762	1.921413	1.713975	1.301095	2.045069	2.030352	3.393793	3.806081
3.184298	2.180841	3.151318	2.781891	2.804105	2.803305	1.865178	3.16326	2.764861
5.915849	4.214675	1.819452	5.849253	6.711504	3.851096	2.888521	3.509535	4.813344
0.265725	0.670124	0.183869	0.16747	0.327541	0.118307	0.126458	0.369787	0.290859
1.347494	1.673341	2.707795	1.66084	3.741801	2.849067	2.300028	3.017856	4.038589
0.233925	0.581637	-0.02028	0.04807	0.508898	0.972376	-0.01736	0.162624	1.955886
2.664767	2.456042	3.810021	2.261543	4.025203	4.537945	3.41307	3.765546	4.568182
1.222388	1.085596	2.16137	1.484913	1.673275	1.537154	0.561315	3.621087	1.634585
3.313915	4.270055	3.485158	3.552178	3.121618	3.62555	3.012475	4.230807	3.34826
2.075115	2.953197	2.950262	2.275677	3.228556	2.325092	3.327968	2.518242	3.002698
6.19793	5.237068	7.60781	5.905235	8.147313	6.970126	7.258984	6.60084	6.891693
1.35528	1.497721	2.072461	1.361352	2.645464	2.180512	2.102972	2.434642	3.84326
6.84312	6.705629	6.865949	7.631668	5.80776	7.134266	7.157115	6.232367	6.825251

2.152989	2.411841	1.026039	1.270591	2.06665	2.593911	0.839498	2.473671	3.053932
1.785801	1.448974	3.030462	1.718996	1.89171	1.581531	1.972752	3.005061	2.018437
4.28063	2.798955	3.137867	3.816198	2.291035	3.874103	3.640185	5.362923	3.404125
0.053065	0.038815	0.339979	-0.00808	0.064643	0.318772	-0.01725	0.633008	0.609611
7.640413	9.188274	8.149915	8.341665	8.836886	9.21732	8.530599	7.44078	8.132962
4.860306	4.260111	3.489044	4.063786	3.787574	3.945652	5.103335	3.901806	4.143697
2.612364	2.007777	2.575654	2.443004	2.375758	2.314089	2.657266	2.21223	2.553143
0.585059	0.514757	0.714601	0.607785	0.88315	0.646631	0.609645	0.65089	1.647355
5.394402	4.202705	5.299754	5.099084	3.775733	3.585239	5.680171	4.502772	3.300345
0.491915	0.673057	0.82359	1.800924	2.629005	1.899874	3.478994	0.660904	5.261161
2.523337	3.232049	2.469031	2.42192	2.183742	2.328135	2.082269	2.572673	2.799066
3.293118	2.696765	3.339583	2.818822	1.782165	3.333555	2.917569	3.889921	3.816692
0.10506	0.828332	0.105323	0.218998	0.556814	0.443196	0.094684	0.035447	0.068158
0.121894	-0.02365	0.001843	0.022312	0.082677	0.040147	-0.01869	-0.04054	0.183902
2.598224	2.789256	4.387735	4.932697	2.570964	3.995093	4.258031	3.767223	4.854019
3.407127	2.746225	4.709395	4.187854	4.790392	4.812283	1.939975	2.143063	4.615683
2.48988	3.096456	4.296946	3.530791	2.324649	3.136505	4.128814	2.260793	3.716613
4.054978	2.554165	3.255563	2.793547	1.6952	3.791954	2.178144	3.214279	1.842653
4.700944	3.726929	2.042316	3.288291	4.877734	4.804837	2.963509	3.032413	3.678487
5.847415	6.479596	7.834939	6.734807	7.960296	7.416591	7.781063	5.861374	6.825751
0.006465	0.307194	0.058551	0.000132	0.081802	-0.05326	0.133062	0.006977	0.924007
0.355535	0.35613	0.661941	1.397842	1.102115	0.414917	1.458854	0.543746	1.557181
2.972662	2.394393	3.561538	3.68036	1.620651	2.579419	2.525118	4.076669	3.071736
6.050423	7.654732	6.544853	5.627859	6.318993	7.449533	6.38734	6.975747	5.683382
0.430481	0.074209	0.038415	0.065516	0.023176	0.077274	0.016562	0.265116	0.001852
0.641915	1.099386	0.144742	0.24777	0.683462	0.571856	0.127504	0.116472	0.444122
4.659583	4.181831	3.982833	4.27752	2.847422	4.918928	4.629012	4.845938	5.085915
5.285732	5.975659	5.63719	5.299191	6.527441	6.112337	4.682956	5.293173	4.497443
5.10003	5.711413	4.941786	5.867965	5.444153	5.377168	4.925211	5.711224	5.022841
3.764619	5.048951	4.882734	4.657586	4.274306	4.25163	5.725072	4.176398	4.687745
5.254019	3.860458	4.322221	4.217094	2.626531	3.971108	3.888737	3.791368	4.844018
0.65335	0.460916	1.050227	0.88695	1.690108	0.423105	0.76343	1.422302	0.858524
4.554709	4.62534	2.272367	2.898281	4.847268	3.620804	1.871553	4.49527	5.589448
0.000681	0.249623	0.00725	0.050308	0.019718	0.009557	0.008018	0.000681	0.005783
4.612979	4.908509	4.837828	4.716829	4.858889	4.619926	5.251785	6.118787	5.671665
4.678076	4.301766	4.042046	4.005091	3.229076	4.376086	4.458366	5.073427	4.530131
4.185386	3.73566	4.938302	4.212983	3.824066	4.832286	4.74399	5.625907	5.391145
2.099966	1.847721	1.561165	2.70863	1.680408	1.032348	1.161046	3.547258	1.159845
4.853068	4.525538	4.686182	4.162686	5.972389	5.626021	3.866648	4.213823	4.502054
2.362763	1.77464	1.324152	2.128398	2.577241	3.664537	2.170449	2.177227	2.355971
0.088506	1.031477	0.029588	0.508615	0.846082	0.297574	0.173369	0.007441	0.041712
4.347471	2.705263	4.145673	4.739082	3.440493	4.651281	4.619731	5.175714	3.949734
0.181648	0.197639	0.270553	0.311206	0.608583	0.304699	0.195975	0.328068	0.217798
0.366163	0.471425	0.207711	0.676973	0.138161	0.18699	0.136027	0.20429	0.21196
5.560228	5.598877	6.154916	5.465516	6.653768	4.922864	4.95629	5.826057	8.958927
3.104937	3.67756	5.078359	4.580064	3.449372	3.996662	4.094545	4.010064	3.402531
2.444594	3.206846	2.125884	2.533923	2.268712	3.075012	3.896069	2.305457	2.703492
1.075226	1.306738	0.846973	1.791018	0.857826	0.707298	0.597631	0.806083	0.81555
5.53224	5.936235	5.425757	5.246248	7.236277	7.077931	3.964305	6.140127	7.478476
0.012251	0.162397	0.022248	0.04992	0.012251	0.065511	0.13061	0.090865	0.255747
1.288289	0.982714	1.433584	0.813708	1.859669	1.407287	1.555777	1.385676	2.973625

2.465837	2.216022	2.998587	2.800941	1.696133	2.647931	3.003542	3.595389	3.302064
4.728497	5.992906	7.503961	4.495809	7.266631	5.441206	7.380675	5.572221	7.662594
0.144962	0.753912	0.198641	0.170778	0.477448	0.392626	0.210143	0.391564	0.553094
0.590909	0.12532	0.072082	0.173318	0.07953	0.107329	0.327422	0.436577	0.388109
5.546614	3.264364	4.798572	4.652339	2.699565	5.116281	5.335544	4.583726	4.719747
4.829466	7.588083	5.147307	5.491783	6.847215	5.562305	3.94466	4.544333	4.688584
0.065654	0.046009	0.217573	0.050161	0.036253	0.027459	0.043881	0.178037	0.154744
10.06566	7.677534	9.01829	9.226193	10.75658	10.96846	8.34349	9.41876	8.138324
4.981346	3.145431	4.90072	4.474254	4.08632	4.900758	3.978116	5.243132	4.054393
0.720978	1.590192	0.556117	0.52717	3.455062	1.037829	0.900263	0.681744	1.930251
5.927567	5.476696	4.436194	5.81842	8.367658	5.908238	8.402612	3.976874	8.047544
3.840159	3.148764	3.784219	4.777928	2.616775	3.274886	3.815978	3.558082	3.539965
2.480256	3.686224	4.135698	3.094549	2.220486	3.7178	4.055327	4.149626	3.546427
0.803583	0.792507	1.001052	1.111099	1.268012	0.988246	1.443552	1.623559	1.336139
0.033072	0.072145	0.079243	0.07701	0.042767	0.033072	0.084554	0.157193	3.112199
0.879939	1.42406	0.572275	0.637255	0.720555	1.067474	0.60267	0.451806	0.800411
5.001232	4.216116	5.992952	3.23849	3.856548	5.667082	5.92903	4.903207	5.916922
1.88228	2.441275	3.058594	3.062626	1.854663	3.140359	3.800697	4.665827	4.16001
1.408534	0.483753	1.455816	0.970693	2.011044	0.927774	0.50963	2.493144	2.585869
5.763182	5.769094	3.838218	4.783655	6.565927	5.342299	4.625043	4.343572	5.240788
0.526147	0.515906	0.481981	0.483342	2.903685	0.7929	0.349547	1.947943	0.795959
6.649735	5.80727	4.939021	5.561373	5.5238	5.477741	5.775891	5.25827	4.964035
0.707345	0.27607	1.324617	1.540404	2.680545	0.359067	0.175145	2.76159	1.698572
2.632448	2.805671	3.197351	2.727908	3.515725	2.704452	1.807562	3.247755	3.284424
1.522109	0.600013	1.056623	0.903981	0.624591	1.497419	2.336648	3.259328	1.342886
0.539109	0.128582	0.24419	0.177108	0.346524	0.385281	0.186835	0.35574	1.657549
5.992174	4.382071	4.552277	5.007882	4.097715	5.21128	5.139353	4.242001	2.381239
5.265327	5.833822	5.945396	4.874914	4.587739	6.036239	6.514316	6.19585	6.741045
0.220345	0.326941	0.650019	0.277697	0.690816	0.623412	0.466085	0.922284	0.68322
5.403792	4.97483	2.567536	3.387389	5.130781	4.12987	1.535838	4.069303	5.636948
5.571152	6.50844	8.329642	7.49539	4.698837	7.011205	8.333095	6.433636	7.654363
0.145034	0.616584	0.146947	0.924593	0.502773	0.195535	0.159571	0.460834	0.342791
2.369494	3.201185	3.101789	3.098643	2.632288	3.726796	3.45788	3.351281	3.062443
1.512309	1.105185	1.71467	1.060195	1.492653	2.126211	2.546553	1.661583	3.206422
1.888465	2.938466	2.396304	1.875108	2.541961	2.386985	2.680851	2.597395	3.058402
3.876424	4.167818	4.001685	4.148048	3.919787	3.2629	4.946256	3.923633	2.80966
1.892286	1.507295	2.29515	3.040259	2.209712	1.214033	0.543725	2.350723	1.391513
2.494392	3.302425	4.107702	3.592772	2.963299	2.960875	5.396007	1.809727	3.875072
3.453987	2.74258	3.60379	2.796694	1.816192	4.726267	4.019645	4.202315	3.227582
7.251676	9.148911	7.821671	8.068042	10.90745	9.130878	8.591902	8.526823	10.30591
3.419474	3.936581	5.996134	4.315043	3.80898	3.992441	7.151134	4.09919	6.573541
1.491291	1.824825	4.12904	2.082324	2.857899	3.316305	3.616951	3.835364	4.644569
7.782817	8.65298	8.035611	8.745365	6.11771	7.721354	7.388217	6.873634	6.09054
4.093384	3.345235	3.611123	5.089585	3.803024	3.977494	3.067575	4.057169	3.135169
3.758911	3.604288	3.662319	3.461252	2.499523	3.71977	2.426252	3.504524	2.377805
0.570831	2.25048	0.638784	1.290936	1.869135	0.99148	0.64096	0.586713	0.899687
2.934186	3.527097	2.939274	3.13835	1.960251	3.200232	3.13977	2.312582	2.671305
3.139375	4.376992	3.977666	3.636538	4.560417	4.07128	5.005793	3.06665	3.765605
3.279519	3.072492	3.30258	3.123957	2.625574	3.930568	3.361124	3.405752	2.405325
1.412528	2.158807	1.46357	1.458764	0.688642	0.932244	1.057644	1.395073	2.931534
2.823705	1.895602	2.698247	2.442159	1.687828	3.256462	3.258197	3.671827	3.897609

2.344898	1.398651	1.272234	1.915897	1.393254	1.838752	1.746148	1.983167	1.528603
2.905861	3.705123	2.224507	3.353969	2.184841	3.321908	3.883269	3.152443	2.947685
3.531616	3.758542	3.318783	3.208094	5.506476	4.791772	3.423824	4.632654	3.207326
3.645166	3.249439	3.979193	4.49362	4.36011	3.932125	3.907602	5.71701	3.290761
1.104654	0.661007	0.930742	0.499238	0.842982	1.782479	2.502051	1.74811	1.245505
3.774932	4.323127	4.056411	4.38302	4.54098	4.807191	5.214867	4.651196	4.172808
4.083468	2.132893	2.030369	1.954591	2.765666	2.597266	2.073528	3.719999	3.846262
4.856643	3.894162	5.090699	4.247894	4.397839	4.840493	5.388092	4.071971	5.226741
4.877711	5.08513	4.710708	4.802159	4.76167	5.322854	3.975719	4.360305	4.405166
5.397623	5.439723	5.770135	5.113231	3.36589	5.805927	5.91634	4.631929	4.281162
5.730549	5.568667	4.884384	4.13572	6.105374	5.807659	5.278612	4.567975	4.187853
4.945819	4.72106	4.85262	5.225579	5.895748	4.854777	5.455925	6.115406	4.752931
6.035349	7.57418	5.461779	6.782059	6.748253	6.12864	6.221684	6.681977	8.215684
6.844207	3.740158	5.256843	4.609595	2.698926	5.586096	6.139221	4.70369	4.565282
2.819376	2.872041	3.520773	2.893994	2.574566	2.989223	4.409817	3.551479	4.452399
6.049218	4.98343	4.450998	6.570019	6.147655	5.737892	4.123652	6.2191	5.36386
3.690676	2.738011	2.711013	2.624346	1.12126	3.603923	3.069378	2.577591	2.289152
2.272261	1.971773	2.777679	2.668866	2.288179	2.606775	3.27805	2.70378	3.080834
2.489127	2.265201	1.673312	1.780536	3.093346	2.478368	2.910868	2.211745	3.214216
1.794119	2.046836	2.545233	2.164653	4.220789	1.839681	2.748741	2.636458	4.93362
0.089438	1.59565	0.108029	0.148478	0.412434	0.196879	0.195792	0.159332	0.167396
6.008597	5.098258	5.697463	4.987335	4.059303	5.895863	4.230103	5.489332	4.5607
3.88539	4.431888	4.85609	4.052792	4.506563	5.119653	5.490437	4.630794	4.17022
6.260268	5.291786	5.999787	5.665529	4.103482	6.436978	4.928576	5.502501	4.659062
-0.08213	0.075802	0.132419	0.016861	0.805321	0.081996	0.553898	0.528942	0.196143
3.14014	1.540588	2.791043	1.631263	4.883989	1.308694	0.609767	0.921359	1.133113
3.235641	3.256549	3.125617	3.075177	3.733375	2.94476	2.757393	4.037312	3.349134
4.364691	2.254984	2.848624	3.440436	5.680005	4.469491	5.001451	4.705089	6.391477
1.735346	1.788339	1.817219	2.180379	1.777699	1.718511	1.08178	1.975465	2.384774
3.870313	3.243333	3.817104	3.405282	2.273832	4.149651	4.483006	3.275186	3.917679
7.635534	5.2675	6.457329	7.010413	6.48474	6.4168	7.335265	7.065296	3.482645
3.645129	3.031163	2.825548	2.906912	1.033309	3.409352	3.433168	3.59281	3.227397
0.234221	0.433875	0.836671	0.563534	0.307955	0.542056	0.171914	1.136363	0.327114
3.183979	5.17259	4.488759	3.604341	5.135168	3.986669	4.74485	4.519614	4.973927
3.619383	2.882077	4.361684	3.66168	2.255781	4.624361	4.396775	3.11911	3.714252
0.559852	6.656434	1.152725	4.0573	4.441027	4.458967	2.783985	0.683659	2.495631
1.714343	1.150086	1.535959	1.537593	1.841881	1.641964	3.225665	1.664331	2.832578
0.160962	0.429739	0.397532	0.112499	0.49495	0.209547	0.016725	0.046742	1.160405
5.232045	4.698437	5.686095	4.65071	4.388051	6.00266	5.642005	5.644588	5.849118
1.981558	4.153478	2.822316	3.584961	5.561937	4.443604	5.675877	3.461782	7.279949
5.515479	5.450761	5.984841	6.046089	6.963264	5.759724	6.599322	5.499585	6.804341
5.786895	5.039854	6.403157	5.381296	6.226008	6.518521	5.881438	5.81126	5.599811
2.23063	3.22062	3.234701	2.556848	3.955403	2.442656	3.271836	4.357234	3.517693
3.218401	2.367466	3.732825	3.384104	2.059533	3.844882	3.182538	3.877677	3.340654
3.827	3.417664	3.50973	3.514696	3.577232	3.559344	3.419112	3.930585	2.521449
0.542304	0.171757	3.439991	0.234191	0.207692	0.453	1.076912	0.482775	0.795926
0.198909	3.974723	0.110048	1.285834	1.266754	1.815606	1.545621	0.081835	1.030601
2.312848	0.297844	0.525511	0.671185	0.298337	1.947319	3.03378	2.956556	1.325842
1.348928	1.57896	0.681601	1.022377	2.738996	1.076857	1.110764	1.022029	7.041414
6.406754	5.903411	6.428059	6.595025	7.439089	6.693623	6.8486	6.356117	6.389122
2.649717	3.326561	3.275514	3.035191	3.779349	2.814912	3.238949	3.230184	3.315485

4.708983	5.415031	4.170981	4.922762	4.243613	4.503746	4.776458	3.631562	4.532051
3.397412	2.927995	3.912815	3.369018	2.953366	3.229944	3.967899	4.690193	3.209748
3.763541	2.57314	4.558051	2.525678	2.3097	3.321714	2.769128	4.490509	2.67903
3.629364	3.820795	2.814089	3.146497	2.544705	3.47837	5.596459	2.705515	5.170814
5.037183	5.313665	5.035417	6.113947	4.854609	6.019651	5.133008	4.743248	3.499517
5.180751	5.235559	3.481166	6.028267	3.86584	3.715541	4.730062	1.694968	4.694361
2.45721	2.264116	2.890802	2.893141	1.23887	2.824485	2.064097	3.00175	2.43408

TCGA-E1	TCGA-S9	TCGA-W9	TCGA-P5	TCGA-DB	TCGA-TQ	TCGA-DH	TCGA-DB	TCGA-E1
3.23328	0.628748	1.058492	1.342669	1.362618	0.281705	1.405881	0.810218	0.249575
2.237969	3.020706	1.22631	0.621692	1.319109	0.469278	2.027964	1.66264	1.19814
6.59082	5.341025	5.467257	6.505614	5.209979	4.17386	4.986955	4.538815	6.72591
10.3838	2.989795	4.054446	4.327626	2.922371	1.05431	2.362386	6.175544	4.841365
0.446805	1.532669	1.018101	1.031976	0.600252	2.146752	1.024105	1.466017	1.333879
7.350248	6.617241	7.596218	7.204334	7.565656	6.279876	7.560726	7.041392	6.12539
7.961756	5.844656	5.662946	5.381685	6.994082	4.24909	6.666165	5.027783	5.797452
0.696313	0.694291	1.705155	1.387626	0.950174	0.624331	0.569855	0.885323	4.120859
0.192367	0.389082	0.398147	0.049774	0.112141	0.275642	0.324923	0.085051	0.103227
4.619457	5.7911	5.844236	5.497532	5.104009	4.895072	6.484961	5.315149	5.917881
4.863442	4.376657	4.230952	4.095571	5.815199	5.232966	5.146481	5.231561	4.31988
3.910756	3.666883	3.285255	3.267347	2.414959	2.418775	2.88121	3.200653	4.347274
4.226447	2.737113	2.936216	1.693579	2.757329	1.597493	2.518517	1.914936	1.672887
5.677372	3.617712	3.482275	3.391974	3.353014	1.538898	2.320242	2.420422	3.803678
6.316603	5.963623	5.809014	4.202675	5.542489	4.449261	5.985232	5.321168	3.121143
3.445016	3.022782	3.073018	3.348635	2.979814	2.448165	3.829901	3.090982	2.186027
3.462479	1.490121	0.746804	1.039091	1.036307	0.752789	1.678569	0.873748	1.060833
9.650322	8.397122	8.791974	7.393277	7.807317	7.886084	8.641621	8.195642	8.331771
3.332898	5.953583	4.873191	5.286125	4.795551	5.82634	5.637547	6.432461	2.952814
4.07599	4.386722	3.606547	2.544217	2.305424	5.334448	4.690866	4.365715	3.348512
2.412793	2.961069	2.926844	3.12729	2.357824	4.118984	3.029151	3.949459	1.902626
4.122201	3.05936	3.180866	3.019323	2.366129	2.609109	3.177086	3.606001	2.911813
3.279225	3.2489	3.180704	3.21858	2.229682	3.379099	2.994793	3.119774	3.203198
0.42642	0.269321	0.39745	0.351458	0.776587	2.043734	0.439453	0.46576	0.299213
3.744506	2.883076	3.692577	4.122548	2.838612	2.728762	2.604407	2.941715	4.5089
4.183945	3.961821	2.751849	3.523498	1.927574	2.559605	3.793406	2.835334	1.492395
0.815332	1.346897	0.675504	0.629375	1.94946	1.347097	1.108445	1.299997	0.633993
5.420445	4.887549	4.306332	4.333411	5.371688	5.193929	4.723492	4.466658	4.600043
2.317742	2.715611	3.987656	4.209268	2.64132	2.24083	2.062468	2.689219	5.934848
3.995164	4.309017	4.330802	4.204119	5.1153	4.523057	4.932781	4.649036	4.138479
3.252064	2.791281	1.474317	0.805331	2.905982	0.745645	2.588844	2.522247	1.05872
3.589526	4.622953	5.170548	5.667028	3.686792	4.144712	2.623141	4.788557	6.10823
3.738966	4.892524	5.261071	5.459343	4.698664	4.707742	4.787898	5.049166	4.508968
3.723266	3.136193	2.894756	2.840791	3.224433	3.227144	3.684493	3.035796	2.63176
3.20066	3.343604	3.212638	3.014656	3.309225	1.505381	2.733015	3.536737	5.485019
2.76961	2.952554	2.431375	1.92543	1.865663	2.82428	2.972066	2.59644	0.960133
4.644292	4.343361	5.450732	5.085923	6.136173	5.529229	5.796107	5.278863	6.938149
5.52513	3.909628	3.732427	3.473154	4.781368	3.664465	3.569402	3.613075	5.135622
5.779583	6.529873	4.586784	3.805229	4.401961	3.062213	4.63681	4.255301	4.430238
0.305714	0.165379	0.082616	0.087912	0.071525	0.066714	0.129486	0.063611	0.081256
0.596986	0.540464	0.522208	0.537816	1.642436	1.14007	0.392477	0.967215	0.653313
1.813655	2.264964	2.928264	2.83721	2.565961	2.998014	2.533564	3.539843	4.079228
4.902048	3.031792	1.523022	1.356045	1.858083	0.92776	3.675971	2.670432	2.684241
1.658193	1.181137	1.641511	1.527821	1.603293	0.817003	0.573225	1.216108	0.497317
1.872578	1.166483	1.841433	1.409745	1.161275	0.730139	1.609596	1.481332	3.015563
13.56715	10.18419	8.888099	8.494002	10.29347	8.269022	10.82057	9.520145	9.575449
3.878785	5.865653	6.61915	7.324889	5.809229	4.988288	6.56694	6.083093	7.531562
3.187149	4.063251	4.651153	4.964253	4.291769	3.468388	5.516154	3.948338	5.844658
0.444743	0.887552	0.813432	0.720144	0.961628	3.420723	1.321428	1.677767	0.598093

1.063133	1.336014	1.041637	1.203064	0.952257	0.32435	0.74387	0.446597	1.401975
1.417758	0.62728	0.659335	0.798126	0.996085	0.326221	0.204954	0.609663	0.410494
1.424883	2.787671	1.87537	2.290768	2.155863	2.904043	2.475299	2.4828	1.729761
4.510547	4.237727	4.92705	4.920626	3.712312	5.104308	3.926744	4.192273	5.17368
4.982219	4.472739	3.917068	4.664934	4.156803	4.615816	4.623653	4.033365	2.406788
1.858811	0.198698	0.0965	0.042048	0.185513	0.052049	0.528517	0.094879	0.093548
3.768563	1.627848	1.030346	0.355	1.61487	0.637409	0.728168	0.423326	0.461973
7.852387	5.054011	6.067088	6.933572	5.577896	7.226861	7.777394	8.738272	6.684226
5.982107	8.045327	9.019087	9.271076	7.927581	9.009314	8.643458	9.170213	7.846061
5.031555	4.194075	4.661465	4.791616	3.63485	3.635567	4.172739	4.379117	5.574714
3.864319	2.949678	0.730188	0.666321	1.924426	0.841605	1.933816	1.184194	1.316674
4.955275	3.133967	5.516295	5.129767	6.482557	5.612766	5.598264	5.995526	6.88453
2.767565	1.917293	0.88107	1.795012	3.788591	1.122246	5.577138	1.93439	2.107889
3.046167	2.933485	3.730277	3.381241	4.380484	3.825188	3.761899	3.142297	4.763833
0.663208	1.201015	1.597749	2.580466	0.595314	0.408062	0.532547	0.587324	1.47788
10.21354	5.592547	8.403013	10.09032	9.126457	6.989989	5.298761	6.855465	10.21971
3.41296	3.401663	3.119205	3.256995	2.613532	3.949562	3.432109	3.031363	2.380025
3.19885	3.919835	3.809647	3.405936	3.128229	5.216656	4.341987	4.224909	3.410339
0.692677	0.940728	0.7472	1.339928	1.012796	0.83117	0.690019	1.011852	0.672227
6.549569	5.515127	5.1493	6.650881	6.148799	6.872483	5.899597	6.372595	5.402915
3.043167	3.689014	4.184582	3.960294	3.01702	2.701314	2.89154	3.647008	5.448558
5.450857	2.732909	1.333334	1.333562	2.321429	1.177738	3.518514	2.034	1.327642
2.882798	2.93723	2.522538	2.665536	2.067317	3.875612	2.384352	2.763883	3.230313
4.509235	4.011659	5.710897	5.526022	4.303732	3.442651	3.794315	4.638149	7.659624
4.949117	3.475384	5.880226	4.920165	4.74909	1.829453	2.146267	5.836165	7.672484
5.009115	2.601921	3.235001	3.556785	3.99173	0.35412	0.954184	3.819953	3.813038
4.847562	3.003592	2.690802	2.861247	2.17084	0.401371	2.588479	3.034937	2.863692
4.179612	3.447085	2.00189	1.802894	1.759673	3.009856	4.692973	2.125888	1.509839
2.699337	3.003761	2.512948	2.399235	2.305521	3.840615	3.08991	2.760294	2.450937
3.403354	2.926579	4.167819	3.268557	3.466709	2.456676	2.534815	3.429121	4.965758
3.083804	1.719329	2.248111	1.800698	2.312405	1.43163	1.772997	1.76114	3.030423
4.626862	3.981067	3.506368	3.798777	4.936135	4.449958	3.46527	3.808893	3.167394
6.813604	6.919526	7.196253	6.823547	7.290577	7.00144	7.534676	7.120981	7.690875
0.910351	1.51876	1.316798	0.894427	0.188406	1.06519	1.75784	1.067843	1.675362
4.821744	4.771727	5.045659	5.251294	6.305624	6.086243	5.990296	5.125454	4.222555
3.031574	0.475844	0.721688	0.497348	0.804782	0.586299	0.175238	0.624238	0.884048
3.616328	3.684302	3.57476	3.592223	1.971515	4.215576	3.061382	3.271223	1.994007
1.649552	3.94458	1.806744	3.246655	3.941612	8.47827	4.174174	3.421165	1.40712
2.925575	2.288418	1.673204	1.424817	1.92674	2.003811	3.326838	2.024639	2.032307
5.756772	3.397545	2.447359	2.784398	5.968607	2.374934	3.196161	2.674343	2.561805
5.739289	4.249069	5.110676	5.658992	7.176647	2.246444	4.340904	2.974396	3.54003
0.991475	0.418089	0.167734	0.156981	1.339551	0.139505	1.387114	0.209864	0.420126
5.564314	3.232661	1.808538	1.694151	4.087525	1.40295	4.476436	3.103312	2.891842
4.261881	0.531967	0.619361	0.061035	0.768396	0.04644	0.002452	0.349346	0.393797
5.995122	3.936277	2.289893	2.439245	4.944372	3.351822	4.90202	3.262972	2.2754
2.157934	2.203865	1.839152	2.432092	2.159158	3.424169	2.231132	2.121757	1.79455
3.508848	3.367928	3.882591	3.807863	4.332177	4.027551	3.204422	3.540035	5.139115
3.876566	3.483452	2.89712	1.983402	3.729407	2.163481	2.842204	3.058552	3.141092
7.925933	6.176102	5.559497	6.212244	7.352371	5.75157	4.303513	6.048234	2.424913
5.225322	3.216948	1.578747	1.54687	3.142308	0.825369	4.146616	2.339004	2.673183
6.894176	6.16563	7.914435	6.349191	6.414737	5.385623	5.66088	7.946789	5.098059

3.136487	3.496885	2.477978	1.211191	4.288885	1.243116	3.603457	1.396837	1.596752
2.274089	2.736718	1.664083	2.453481	1.48176	2.370344	2.167478	2.29084	2.213009
4.045411	3.374836	2.559381	2.730061	2.982847	3.435809	2.932539	3.406368	1.5958
0.042223	0.56846	0.086553	0.04859	0.183961	0.273788	0.282345	0.154415	-0.01725
8.1856	6.635366	8.334978	9.00689	7.640719	6.464484	7.683459	8.163686	9.014681
4.400863	3.851338	4.548134	4.753863	3.979379	5.771919	3.807209	5.052644	4.781252
4.047092	2.432422	2.255929	2.449256	2.720459	3.871371	2.920504	3.298638	1.796231
3.187373	1.220476	0.31898	0.497919	0.755049	0.316428	1.098987	0.434343	0.675114
4.141438	4.829426	4.561571	3.309575	4.273949	6.137319	4.692229	4.597621	3.720391
4.470832	1.523559	0.949384	1.251383	2.747228	0.678409	2.257237	1.731041	0.859071
2.676869	2.659195	2.744091	2.781946	2.959728	2.688229	2.553661	2.872291	4.020488
3.210799	3.38191	2.732417	2.758536	2.981637	4.194753	3.895792	2.805294	2.372345
0.057469	0.156165	0.306759	0.311886	0.181357	0.020147	0.109652	0.216209	1.667906
2.107658	0.09057	0.063361	-0.01705	0.036605	-0.04978	0.050282	0.251686	-0.00722
2.212801	4.20987	3.49581	4.350633	1.977332	5.008694	2.688294	4.150616	1.970476
2.125244	2.764992	4.545024	4.326027	4.150026	0.224887	2.414593	4.410756	1.741797
3.606222	2.48958	3.525033	2.051546	1.934236	1.540586	1.95807	4.231945	1.70188
2.016461	3.355666	3.202414	2.853899	2.433427	2.632342	3.371485	2.815667	1.612519
4.530367	3.179212	3.481077	3.629781	3.823188	1.495317	3.605125	3.897579	3.595696
6.000416	6.6118	6.656536	7.811006	6.499905	4.957814	7.623944	6.943962	6.18238
0.150058	0.222919	0.19318	-0.03148	0.009427	-0.02031	-0.00543	0.670365	0.183331
3.277921	0.768024	1.089579	0.434919	1.915837	0.347326	0.715695	0.385719	0.631098
2.801714	3.691114	3.064558	3.579564	2.554279	3.560506	3.088489	3.038382	1.599189
5.910918	6.122501	6.797193	6.815609	6.073974	7.829579	7.287805	7.723203	8.269581
0.119453	0.107136	0.075988	0.625653	0.216783	0.025231	0.078126	0.191717	0.336524
1.01441	1.75325	0.77494	0.366665	0.777232	0.274685	0.420087	0.583736	1.309384
4.072943	3.777033	3.956907	3.460868	3.181814	5.411537	4.23057	4.280525	3.459475
5.1256	5.251358	6.142356	5.282944	6.205361	4.625128	6.54321	5.177939	7.206423
4.922336	4.941706	5.849628	5.430628	6.063102	5.702051	4.696102	5.257809	6.011148
4.122203	3.627597	4.821778	4.282958	3.907956	4.186395	3.176347	4.421064	4.800523
5.305071	3.722964	4.09807	3.972822	3.486042	4.461569	3.362054	4.188259	3.556938
1.166519	1.544785	0.545985	1.044769	1.853636	1.595194	0.948541	0.750603	1.302813
5.836517	6.191667	4.004128	1.028272	6.759364	2.628738	4.463006	3.767167	3.685985
0.031483	0.018563	0.115646	0.098366	0.015339	0.000681	0.000681	0.000681	0.499537
5.740696	6.596836	5.592127	3.925669	6.717651	5.692997	6.29786	5.340936	4.843044
4.5243	4.020004	4.04285	3.743151	4.76332	4.502954	4.355649	3.962292	4.432114
5.412946	4.748628	3.670917	3.781953	5.473826	4.659603	5.652687	4.614848	3.288879
2.983101	3.635558	2.851927	3.845263	2.410889	3.637151	2.478129	2.557945	2.06181
6.98655	5.565449	4.77211	4.630148	5.67839	4.360939	5.654577	4.331851	4.235868
3.289257	4.40065	2.41035	1.56697	2.176531	0.901611	3.871479	2.2274	1.657848
0.109263	0.022573	0.692358	0.388302	0.032165	0.007441	0.04962	0.356983	1.647191
4.319667	3.381479	3.675733	4.162853	4.741589	5.852508	2.596624	5.011782	2.070704
0.191688	0.347973	0.35155	0.401077	0.136314	0.293462	0.16628	0.28871	0.182608
0.593938	0.175806	0.238698	0.237496	0.081369	0.011617	0.147541	0.16562	0.504365
6.839318	5.108508	5.843758	5.814781	5.999855	7.663688	8.115946	5.298538	7.195921
3.98293	3.586687	4.703561	4.258779	2.304708	3.916817	3.594861	4.142624	2.292828
2.997252	1.837252	2.332785	2.78376	3.190173	2.860257	2.36198	2.093448	3.312452
1.534181	1.892011	1.67987	1.119797	0.582949	1.517289	0.136726	2.52136	1.394136
10.20698	7.628228	5.97588	6.337907	6.929945	5.046896	6.701943	5.542309	6.834096
0.027908	0.052726	0.034413	0.058102	0.012251	0.122605	0.025008	0.041074	0.105617
5.028955	2.242705	0.756748	1.018753	1.996045	0.956754	2.176629	1.137975	1.028361

3.080108	2.548598	2.363787	2.433979	2.882466	3.45907	2.903896	3.123637	1.796912
7.044231	5.248507	5.068754	5.97053	4.479672	6.353767	6.776956	5.314394	4.90638
1.405581	0.280388	0.384507	0.216397	0.192293	0.127565	0.192337	0.436542	0.761159
0.090032	0.100397	0.146057	0.168195	0.175794	1.560902	0.17249	0.326113	0.148118
5.212136	4.875213	3.861875	4.349518	4.287743	4.785067	4.752599	5.295761	2.808316
5.479351	5.487215	6.732178	6.217405	5.489475	3.695967	4.403209	6.240589	8.402342
0.197792	0.129592	0.034659	0.01948	1.348585	0.378215	0.099154	0.106315	0.048486
8.003014	9.406722	9.160392	8.13606	10.04585	9.13879	10.16189	10.00764	7.982356
4.820572	4.641346	4.183611	4.226742	6.069254	5.180385	5.293809	4.360292	2.622297
0.737835	3.923027	2.034606	0.422125	3.819641	0.645667	3.27966	0.677008	1.318598
10.56215	5.013217	5.662504	7.006669	9.071431	4.992703	9.168047	5.258688	6.972717
3.128689	3.342455	3.815544	3.597406	3.995594	3.79139	3.62642	4.016511	3.65805
3.205259	3.544359	3.053448	2.640183	2.463719	4.914952	3.05187	4.023064	3.90526
2.441902	1.575778	0.755285	1.051915	1.524352	0.905048	1.39864	1.2749	0.854463
0.074537	0.042179	0.09871	0.079011	0.062713	0.05063	0.202729	0.0996	0.047309
0.610106	0.459814	0.803322	0.739113	0.896726	0.097643	0.254814	0.436313	1.413722
5.421054	6.085512	3.957058	4.052163	3.037817	5.48094	6.138637	4.866554	3.627601
4.389047	3.381166	3.486137	3.733272	4.861074	4.613261	3.155138	2.184596	3.073969
4.268129	1.908849	0.71083	1.945018	4.080304	2.518938	4.860727	2.599095	1.678704
6.672318	6.099991	6.024139	4.852083	5.094995	3.324925	3.586618	4.604692	4.875704
0.514226	3.040834	0.533384	0.110411	3.338433	0.807343	1.460736	0.14028	0.578815
5.131862	6.984426	5.340887	5.203421	5.506788	3.757462	3.019493	4.5249	4.551108
0.629667	1.221361	1.333989	1.706723	1.62704	2.091142	1.676998	2.322742	1.239678
3.609883	2.69745	2.886968	3.23896	4.06962	3.659042	3.942393	3.09311	3.288179
0.990219	1.435175	0.770341	1.38002	1.31352	4.470291	1.522234	2.441865	1.004721
2.467781	0.669505	0.642944	0.300077	0.672885	0.32306	0.910275	0.828054	0.17117
3.324835	4.523793	5.295658	5.790806	5.049276	4.084001	4.645397	5.010357	3.739725
7.5143	5.412996	5.016164	5.542811	4.913516	5.806712	5.02748	4.927279	4.066168
2.376745	0.935548	0.349781	0.567627	1.176285	0.306799	1.512576	0.851928	0.46142
5.752367	6.314395	4.596835	2.185438	6.68107	3.090381	4.585056	4.21965	3.906665
4.936002	6.357517	7.12991	6.741909	4.541874	7.795872	6.604417	8.113304	5.434594
0.062534	0.240288	0.597277	0.353155	0.498433	0.034681	0.05739	0.195028	0.669622
3.56717	2.483604	2.967047	2.588723	2.947	2.577957	2.888842	2.782577	3.570537
3.727317	1.923813	1.944584	0.732628	2.261585	0.872635	1.578928	1.635642	1.503192
4.710937	2.644679	2.586763	2.491118	2.175133	1.379814	2.298009	1.996946	2.545719
3.222717	3.979372	4.195965	4.120606	3.514354	3.117932	3.735986	3.623711	3.205104
1.0879	3.078448	1.671446	1.103209	3.941811	0.349543	0.645714	2.37726	1.825117
3.885901	2.595826	3.677815	3.799611	1.948957	1.68914	1.560162	2.804634	2.781297
3.501202	3.949514	2.790925	2.267064	2.147532	4.701558	4.442065	3.793802	2.479651
12.23087	8.956237	8.257787	8.307392	10.77524	5.545334	9.715346	7.344497	9.266323
4.796817	4.076759	4.102245	4.49767	2.906593	3.468478	4.148115	4.796828	4.01141
4.345023	4.23441	2.055048	1.633606	2.861539	1.988084	5.234518	3.50053	2.11434
6.235029	6.750262	9.416307	8.092451	6.13433	5.016418	5.169948	8.717791	6.385883
3.627819	3.530871	4.03891	3.762579	5.719523	3.204006	4.192049	2.609826	2.513328
1.853486	3.365784	3.847368	3.466386	2.718353	2.616546	3.427986	3.887222	3.671757
1.067941	0.760358	1.622796	1.770931	2.46395	0.541042	0.587456	2.242815	3.098302
1.998548	2.820837	3.28028	3.243419	1.739201	2.661906	2.798541	3.19313	3.442655
4.132689	3.810375	3.893062	4.327097	3.757167	3.50307	3.495121	3.049067	4.01075
3.257168	3.281181	3.05647	2.897885	2.922248	3.532828	3.556705	2.906578	3.079117
1.312984	1.352004	1.941681	1.656284	2.111177	3.519471	0.746794	1.526062	2.504765
3.117481	3.241916	2.412548	2.254344	2.039512	4.276658	4.428523	3.471107	2.007588

1.185052	1.33125	1.940479	1.737865	1.728598	1.89629	1.493182	1.45121	1.364519
2.79612	2.672911	2.681726	2.964811	2.295859	1.88566	1.665799	3.488489	3.534305
7.67252	3.126578	3.469149	3.446238	5.702269	3.836283	3.166453	3.762111	5.464085
3.652244	3.728534	3.732571	3.026368	4.920742	5.032034	5.130401	4.167511	3.137136
1.327284	1.078089	0.99207	1.085479	1.152995	3.475121	1.334465	1.951683	0.977214
5.067958	3.67995	4.142471	3.958397	5.068339	5.507964	4.595255	5.281853	4.84089
3.200457	4.097812	1.838165	1.521202	3.958559	2.086494	6.454258	1.467221	1.67682
5.277887	4.647944	4.09281	5.030719	4.009959	3.430291	4.794735	4.039939	2.615459
4.259425	4.198696	4.907555	4.460993	5.304859	4.22499	5.124339	4.868427	4.834607
3.765554	4.518863	5.02122	5.438398	3.124556	5.096387	5.192155	4.968191	6.0587
5.725413	6.618303	4.233256	3.587182	5.05922	3.457434	3.074992	3.91675	4.159003
5.277238	5.01865	5.363812	4.90967	6.443287	5.557254	5.797466	4.667284	5.221161
6.30859	4.962963	7.297107	6.793394	6.626235	3.388968	2.81875	6.853771	5.989304
4.818006	4.345887	5.033405	4.460104	4.893216	4.163445	4.082795	4.908508	1.991818
3.850652	4.203826	3.826258	2.955178	2.162233	4.301179	4.17905	3.629516	2.964133
5.341283	6.556657	6.815508	5.440425	7.059564	4.643028	4.95782	6.004337	4.083564
2.056693	2.540975	2.77486	2.401898	2.783793	2.227416	3.816922	2.061279	1.881145
3.572672	2.473884	2.405757	2.569526	3.270062	2.48971	2.87946	2.483142	2.014543
5.423882	2.41824	2.266741	1.47675	3.313841	2.558317	1.615641	2.740057	2.004946
5.818838	3.061689	1.860904	1.635834	4.365308	1.360308	3.276026	2.430106	2.492685
1.070666	0.368561	0.404972	1.024524	0.628589	0.075768	0.531635	0.301818	1.971964
4.614115	5.324956	5.217914	4.859917	4.672638	6.326519	4.922061	5.529703	5.156339
5.140504	4.478333	4.288449	4.371327	3.491424	4.888685	4.775669	4.543039	3.414838
5.685759	5.976475	5.624318	5.176333	4.53774	3.944417	5.975141	5.310958	4.295991
0.660999	-0.06537	0.33398	0.174786	0.859813	0.501262	0.702911	0.537394	0.724764
1.307122	3.014053	2.693907	4.087539	1.624441	0.511675	0.98878	1.2306	1.662914
2.819822	3.24283	3.513642	3.177805	4.527921	4.506842	3.381527	3.98095	4.283201
6.903951	5.381396	3.258963	3.482461	4.963235	1.487633	7.492031	3.838821	1.393415
2.338201	2.100891	1.733149	1.56195	2.320491	1.233224	1.609828	2.232951	1.658234
3.742746	4.048633	4.002579	4.031007	2.598697	3.692724	3.0122	3.500325	1.813448
5.94282	7.191651	6.323393	7.102948	5.765323	7.045567	6.946639	6.838676	4.242429
3.046425	2.576518	2.785763	2.195283	2.378413	3.28167	3.193315	2.502523	2.930269
0.79462	0.894661	0.547856	0.612915	1.214753	0.996334	0.861367	0.501179	0.145377
5.078222	4.236885	4.251215	4.278754	4.701433	5.455466	4.685228	4.572608	6.317543
4.46122	4.229729	3.163044	3.364976	2.426528	-0.30331	5.320934	3.595636	2.260304
2.287736	2.299984	5.066939	4.570706	2.044195	0.520559	1.098108	3.475132	7.428504
2.648403	1.537038	1.574842	1.439381	1.799492	1.521	2.031514	1.81218	1.353195
0.561862	0.222667	0.196008	0.163454	0.037605	0.024966	0.087374	0.185978	0.269534
6.380478	5.402873	4.505811	4.231293	4.16058	6.505471	5.962297	6.197594	4.744551
8.158856	3.169128	3.311044	2.990483	5.489613	3.541131	4.812459	4.400093	4.690766
6.176545	5.85971	5.919401	6.06636	6.111747	5.753696	6.677458	6.314155	6.015533
5.183037	6.196171	5.408648	5.815677	6.2492	5.855808	5.06211	5.250978	5.343646
4.573027	3.259833	3.192907	3.581428	4.028957	3.382361	3.810436	3.550246	4.441898
3.220216	3.119685	2.749155	2.996986	3.008563	4.177897	3.035797	2.803818	0.95327
2.825051	3.61815	3.501996	4.095536	3.632297	3.896341	3.469734	3.768517	3.657692
1.563305	0.83663	0.285805	0.55342	0.15596	0.312063	0.368766	0.708114	0.201307
1.114108	0.230488	3.355357	2.40301	0.635734	0.214184	0.204577	0.485483	4.828678
0.877458	1.262812	0.558424	1.317778	2.015089	4.970705	1.778406	2.906511	1.1006
7.032453	0.960789	1.184449	1.418822	1.837228	0.965061	1.322705	1.211494	2.296184
7.615102	6.249641	7.107663	6.3488	7.633511	6.430769	6.609523	5.985343	5.915066
2.760371	2.555433	2.965831	2.953255	3.568986	4.16389	3.278381	3.767583	3.571955

4.695758	4.404098	5.350612	4.800822	3.372122	3.208422	2.594726	4.753408	5.097617
3.736771	3.568074	3.322634	3.222807	5.005477	4.669361	4.369004	3.582715	4.0448
2.776322	4.416454	2.75748	3.110414	2.826773	5.180677	3.190248	3.004151	2.421036
4.331677	2.588558	2.210708	2.850884	2.444027	3.4668	2.702923	2.935362	3.852832
3.509991	4.049454	5.995967	4.624268	3.493448	2.703293	4.102569	5.629025	4.743009
1.821664	3.505916	5.744525	4.999768	3.724463	2.326079	3.08249	4.950803	4.005107
2.44069	2.302919	2.750398	2.444897	3.047338	2.808423	1.762018	2.500434	2.291748

TCGA-TQ	TCGA-DU	TCGA-DU	TCGA-P5-	TCGA-FG	TCGA-S9-	TCGA-E1-	TCGA-TM	TCGA-DU
0.67961	0.268806	0.501147	0.91983	0.657265	0.816204	1.271561	0.608497	0.798835
2.097105	1.316634	1.171543	1.466341	0.91089	1.747395	1.710895	1.492419	1.218034
5.684262	4.792097	5.441131	5.297811	5.744119	4.405249	5.122156	5.489485	4.927251
6.721764	1.661387	4.119886	1.272934	4.141663	3.509317	7.087804	2.910235	6.437678
1.705641	1.306143	1.28401	1.026057	0.644734	1.44551	1.571298	1.081523	0.960177
7.041083	7.515837	7.38998	7.902249	8.759118	6.017546	5.446486	8.000423	6.575008
5.43196	5.041084	5.576493	5.774101	6.068035	5.565938	5.804271	6.00389	6.360438
0.725191	0.608055	0.615188	0.652852	0.679859	0.612207	0.634027	0.616913	0.515423
0.284879	0.200672	0.010798	0.166524	0.182577	0.056633	0.073991	0.169021	0.23494
4.943585	3.460687	6.260552	5.179178	6.723507	5.577025	5.193907	6.065395	5.250284
5.976118	4.292563	5.900104	5.510889	6.045081	4.618475	4.289092	5.093186	4.829394
2.838117	1.786528	2.6805	2.561919	2.263077	2.752542	3.028058	3.410296	2.38365
2.577932	1.696742	1.456401	1.791502	3.229444	1.849634	2.480204	2.582726	2.800361
1.917441	3.250753	3.451903	1.803987	3.215776	2.738958	3.199196	2.562609	2.099651
4.628732	5.842699	5.36868	4.622934	3.766258	5.674504	5.759422	5.79519	4.691536
2.589119	6.155512	2.774732	3.291725	2.510463	4.015243	3.676848	3.540178	3.378122
1.550462	2.087058	0.932593	0.686779	0.273395	0.972617	1.335063	1.263082	0.402547
8.297163	8.849672	7.937319	8.27036	7.928084	7.678509	8.43697	8.088235	8.365341
4.904348	5.088187	5.89757	4.792888	4.297764	5.428205	5.861859	5.643489	5.031976
3.077807	4.459836	3.773019	3.141904	2.056668	4.796888	4.007515	4.628999	3.696223
2.454533	2.951626	2.878601	3.0355	3.075787	3.630601	3.710296	3.247152	3.223921
3.304748	2.070182	2.377629	3.287032	2.787238	3.447978	4.028509	3.163231	4.326691
2.682082	3.300052	2.672289	2.37025	3.142701	2.988299	3.285263	2.644774	2.719046
0.357387	2.629003	0.347758	0.271888	0.382019	0.491846	0.501636	0.419457	0.282235
2.788046	3.445108	2.898118	2.807871	4.294126	3.405152	3.705333	3.060949	2.726574
3.571724	3.125707	3.603464	2.393062	2.261493	3.436292	3.795913	2.816538	3.06818
1.172474	0.492868	0.675662	1.081407	0.776333	1.494818	0.785008	1.428668	0.90489
5.912692	6.29835	4.423574	4.987178	3.814493	5.455553	4.478837	5.413508	4.038397
2.141945	2.933259	2.297126	1.911735	2.113592	2.551479	2.512027	2.142738	2.139268
4.532366	4.216995	4.866748	4.680672	4.895726	4.445358	4.583262	4.501518	4.435444
2.747382	3.18923	2.689349	2.314273	2.334613	2.557041	3.576217	2.22033	2.463395
3.944486	2.34454	5.063388	4.619708	5.045258	5.134213	4.405518	5.120636	4.834483
4.798582	4.550508	4.403666	5.436779	4.785281	5.578043	5.345058	5.565895	5.085468
3.259301	2.867879	2.147367	3.356006	3.260675	3.122018	2.987119	3.411528	3.187669
2.091815	2.065399	2.457025	1.919664	1.647545	1.712104	3.299117	2.963078	5.113568
2.544945	2.986589	2.669698	2.207765	1.242091	2.968845	3.080504	2.965254	2.335845
5.244107	4.93525	5.001468	5.975916	7.235473	5.343584	4.907818	5.452801	5.434003
3.915411	4.240019	3.167163	3.8353	4.552317	3.703797	4.10101	3.564743	3.88814
5.101773	4.493546	5.120677	3.803113	5.010426	5.353707	5.318025	4.744395	3.518438
0.132694	0.126277	0.119179	0.0662	0.070794	0.089779	0.103492	0.070721	0.065614
1.05201	0.47472	0.333213	0.364459	0.823269	0.400658	0.829865	0.673248	0.88152
2.409231	2.056553	2.160996	2.53816	3.225768	2.444518	3.023954	1.981017	2.340984
3.197071	2.809996	2.618725	1.993261	2.142	2.543915	4.407669	3.488256	1.668627
1.046864	1.099571	0.392509	0.486771	0.867152	1.054564	1.337256	0.418357	0.831639
1.204985	0.913419	0.390459	0.67802	0.499262	0.509462	1.710113	0.71397	0.660178
10.61221	9.678587	10.61396	10.59366	10.78687	10.06036	10.85137	10.23418	10.90701
5.687149	3.357848	6.225415	6.414326	5.93601	5.356963	5.504199	5.78748	5.407935
3.065609	1.927259	4.767794	2.940711	6.045984	3.379171	3.549294	5.729651	2.91718
1.21036	1.94662	0.803881	0.705092	0.90049	1.75256	0.905135	0.775301	0.669195

0.306333	0.573945	0.682755	0.331406	0.149679	0.300764	0.936217	0.704811	0.407877
1.743464	0.247268	0.514869	0.504375	1.103596	0.646476	0.232725	0.695424	0.433736
2.164931	2.728079	2.514785	2.498923	2.684165	2.568735	1.911065	2.46841	1.564752
3.789613	4.740577	3.891199	3.575838	5.169056	4.212454	3.238986	4.32984	3.933203
3.684429	3.752181	3.54862	4.225738	4.643322	4.172366	3.106018	4.448072	3.813858
0.135757	0.534036	0.146991	0.0795	0.149957	0.308176	0.12997	0.414803	0.13634
0.715128	3.173205	0.504837	0.464517	0.617623	0.497584	0.491856	0.529829	1.028024
8.318016	7.910503	5.162229	8.348418	6.510927	7.947418	8.575277	6.53199	7.939044
8.001591	9.206391	8.235854	9.336509	9.899527	9.878417	9.238132	8.639933	10.12455
5.324288	3.781627	3.468892	3.912688	4.704883	3.87862	3.697147	4.383388	3.860624
2.445091	2.013689	1.2057	0.823061	0.778035	1.789121	1.576414	1.581085	3.372583
4.395944	5.201264	5.342532	6.301125	9.177532	4.933034	3.530391	5.572195	5.684401
0.991033	2.174484	1.265279	0.80528	1.416608	0.899867	3.079196	5.072595	1.865622
3.168806	2.860658	3.232908	3.26406	2.754113	3.138668	3.267539	3.05626	3.281472
0.720896	0.522363	1.568931	0.653477	0.74566	0.510938	0.779371	0.511062	0.514793
7.302964	8.581068	7.972455	8.708174	10.71008	7.418464	9.678308	10.18706	8.181322
3.23792	3.824087	3.049278	2.021946	1.896242	3.153803	2.770939	3.584384	2.380888
3.568625	5.479722	3.94774	3.813476	2.911259	4.402055	4.045666	3.956049	3.930432
1.813091	0.792278	0.535728	1.048281	0.623376	1.247426	0.232012	0.297598	0.467095
4.507368	4.565286	5.322507	5.342102	6.26612	5.351884	5.051727	6.105317	4.000491
3.297248	2.792862	3.467	3.46751	3.243046	3.545968	3.31311	3.19408	3.250035
2.835615	5.525482	2.378031	2.228277	1.67799	2.52353	2.731675	3.043005	2.670558
2.670894	3.520107	3.043458	2.275812	1.861871	2.716049	2.654775	2.685661	1.617287
3.609206	3.22393	3.82444	3.925644	4.208404	3.707801	4.309267	3.766219	3.407252
4.848438	5.793725	3.057152	4.491142	4.503749	4.008907	4.948341	3.714964	4.761689
3.11204	0.9756	3.005774	3.60276	1.285077	4.748433	3.284003	3.384389	3.855946
2.506565	2.915598	2.095838	3.219511	2.658407	2.978378	3.393681	2.363832	3.633529
3.000881	3.866329	3.450429	1.974064	1.454392	2.677125	3.646235	4.12975	2.475707
2.803203	3.221949	3.045974	2.200513	1.538056	3.290062	3.003553	2.83624	1.998134
3.178463	3.582048	3.415211	3.356843	2.239737	3.029812	3.214879	3.747742	3.093622
1.840696	3.053143	1.672844	1.813921	1.690078	1.349877	2.60564	1.448597	2.254648
5.268726	3.850657	3.250977	4.466262	4.572644	4.108748	2.429461	3.849799	3.46895
7.777527	7.594322	6.842008	8.33987	10.66507	7.494022	7.563266	8.290815	8.440274
1.281331	1.08682	0.862708	0.831531	0.247906	1.078981	0.681682	1.26563	0.820443
5.145228	6.811067	4.730993	6.573844	7.528306	5.810958	5.312513	5.975025	5.98905
0.660492	0.212125	0.404815	0.31802	0.442351	0.477358	0.350582	0.167594	0.472163
3.51624	3.778077	2.928733	2.81017	2.203391	3.920028	2.796959	3.50616	2.752
5.250164	0.989146	2.924071	3.093052	2.322605	2.84572	4.093907	3.507177	2.885943
2.048362	1.834722	2.327494	1.63393	1.268457	2.544037	2.102379	2.248581	1.631508
3.348499	4.333009	3.181957	3.187844	3.625235	3.191445	2.951285	2.955757	3.062118
3.672151	5.85218	3.985905	2.555394	5.391878	3.051868	4.323822	4.5797	4.840963
0.699555	0.349557	0.189201	0.27107	0.116931	0.371822	0.179167	1.556395	1.703745
4.111147	3.512396	2.632941	4.035347	3.850171	3.609315	3.972853	3.965552	3.489782
0.523692	0.138642	0.185422	-0.01329	0.873666	1.358924	3.731802	0.021439	0.003995
4.261552	3.14355	3.192782	4.024468	3.576673	3.896368	4.652489	5.051815	4.805734
3.711063	1.195251	1.367423	2.73462	1.441534	3.189512	0.904006	2.365485	1.458295
4.168768	3.564571	3.201219	3.858624	3.570316	3.664893	3.099449	3.514489	3.172484
3.511352	2.435571	2.541224	3.166362	2.572657	2.817913	3.251638	3.098866	3.265565
6.156792	5.460977	5.893484	6.25615	5.851778	5.942646	7.653087	6.523106	6.492233
3.14829	2.841885	2.021852	2.86908	1.126166	2.330415	3.617678	3.625759	1.92268
6.278984	5.867919	5.916792	7.004737	7.408947	6.88364	8.205061	6.000018	7.122314

2.816632	2.853096	1.865318	1.00685	1.282849	2.484996	2.554576	3.95407	4.190758
2.455952	2.737468	2.386008	1.625932	1.563395	2.9296	1.292407	1.998885	1.766718
3.891544	2.734275	3.523798	2.646204	2.242357	3.86664	3.577851	3.893929	3.663995
0.015694	0.422778	0.70283	0.38283	0.412391	0.051699	0.554777	0.195301	0.544131
7.750812	6.857713	7.023056	8.763419	8.250776	7.968819	8.617124	8.22913	8.8675
4.880191	5.612801	4.034826	4.519564	3.840222	4.196997	5.626741	4.132567	4.872861
2.822902	3.081348	2.408303	3.118388	2.465043	2.551734	4.036304	2.650669	2.948068
0.72775	1.4341	1.047702	0.340062	0.562788	0.552525	0.488664	0.829193	1.019903
3.854649	5.382505	4.79538	3.830358	4.928805	4.94009	4.332262	4.17807	3.991558
1.671434	4.623412	0.963322	1.401542	2.247015	0.628078	2.379914	1.76525	0.955932
2.904388	3.008764	2.398393	2.688176	1.910908	2.722427	2.541055	2.522017	1.279301
2.731213	3.274746	3.270059	3.176251	1.677851	3.344905	3.079283	3.607486	2.505117
0.248531	0.016281	0.666752	0.137206	0.139135	0.041848	0.198863	0.189587	0.068237
0.025166	0.094603	0.085073	-0.06091	0.051983	0.147118	0.324261	0.046358	0.001178
4.004891	3.238597	2.534923	3.655608	1.580392	3.557015	4.37298	2.844417	3.432263
3.962508	0.632632	2.942547	4.048243	3.82217	3.610159	4.449107	3.508794	4.373283
2.769116	1.225545	2.401552	3.309905	1.917229	2.309188	4.853016	2.22127	2.687883
2.756432	1.766644	3.481053	2.691652	2.340934	3.246678	3.458156	3.282038	2.799724
3.581495	4.381045	5.257455	2.942288	4.480614	2.7384	5.286566	4.112262	2.496711
6.499761	5.832336	5.506681	7.566855	7.948849	7.275689	7.519249	8.75513	7.037648
-0.03172	0.037258	-0.00585	-0.02126	-0.05326	0.104937	0.167907	-0.01289	0.002277
0.852573	3.236638	0.308525	0.85464	1.692799	1.006427	0.9974	0.586631	1.734727
3.500201	3.163728	2.771461	2.507056	1.219033	3.285384	1.80169	3.232132	1.949142
6.605672	6.884706	6.877761	7.68643	6.322816	7.156777	7.223443	6.946745	6.804258
1.890126	-0.02131	0.018433	0.069285	0.003333	0.124509	0.05616	0.01485	0.770253
0.582965	0.184061	0.599367	0.143604	0.08581	1.400963	0.633946	0.676581	0.901455
3.86474	4.499655	5.205961	2.892024	3.333479	3.834665	3.989295	4.197387	3.422912
5.852957	4.62528	5.867843	5.817432	6.633307	5.355877	5.757915	5.756492	6.03608
5.224966	5.467343	4.737961	5.345772	6.254752	5.198269	5.22776	4.820908	5.272126
4.192331	4.408322	3.232158	4.851501	3.893775	4.545669	4.447091	3.460927	4.600189
3.711795	4.153351	4.227783	3.512966	2.466712	3.960648	3.795054	4.206711	3.703922
1.622115	1.622873	0.694023	0.901621	0.561755	1.082381	0.559712	0.885554	1.948446
4.644779	5.046276	3.724999	2.833812	2.338497	5.613644	5.04161	5.305619	6.871207
0.015743	0.000681	0.01176	0.000681	0.000681	0.000681	0.000681	0.014817	0.026594
5.953224	6.982193	4.587629	5.187889	3.689019	6.84524	6.065979	6.696933	7.30333
3.739341	4.658528	3.731434	3.669446	3.785688	4.649318	4.288854	4.512157	4.057984
4.416543	6.111064	4.504861	4.179374	3.505664	4.989832	5.004616	5.331599	4.636155
3.82176	2.275644	2.21249	2.193505	1.659376	2.804326	1.051877	2.409008	1.464356
4.909573	3.758914	4.620629	4.782681	6.355361	3.588956	3.928601	5.029739	4.955648
2.213208	2.646089	2.139055	2.031364	3.599936	1.156187	1.564228	2.831872	2.021508
0.14267	0.018218	0.260424	0.822703	0.119338	0.02095	0.158146	0.043087	0.061697
4.245594	5.429988	4.02169	4.898638	4.366076	5.078801	2.34942	4.621592	4.958159
0.453431	0.351055	0.304319	0.315756	0.535047	0.369336	0.156488	0.334	0.235649
0.133941	0.017165	0.072035	0.015948	0.227673	0.093848	0.143208	0.19259	0.145638
6.451631	5.796908	4.966591	6.132652	7.553742	6.245172	7.04316	7.318063	6.093059
3.850382	2.326888	3.494527	4.149632	3.33195	4.667321	4.477113	3.371523	4.079067
2.027061	3.549902	1.518249	2.120535	1.224913	1.71487	2.396965	2.490255	1.817752
0.592309	1.287884	0.748537	1.496401	1.06484	1.418126	2.914271	1.116669	1.463453
7.306001	5.946725	6.367965	6.121306	6.879806	6.401234	6.640413	7.003585	6.25891
0.245992	0.060112	0.012251	0.029273	0.025206	0.048423	0.065814	0.175721	0.051419
1.872888	4.312037	1.781123	1.381198	0.994384	1.426688	1.959159	2.120216	1.140828

2.706452	3.613419	2.745107	2.623278	1.559842	2.707285	3.358163	3.350417	3.261981
5.615706	6.038305	5.492725	4.920466	5.580298	5.754312	7.599429	5.504531	6.297213
0.399862	2.880126	0.224712	0.292861	0.116619	0.401827	0.262937	0.163852	0.329803
0.226351	0.480474	0.147034	0.138971	0.167471	0.355832	0.346966	0.143219	0.146709
4.466895	6.113536	4.346444	5.002205	4.523566	4.895784	4.701137	5.094417	4.684067
5.515861	3.78809	4.735052	5.458554	4.962686	4.833912	5.609515	5.628718	5.883101
0.136076	0.034965	0.053258	0.11281	0.037683	0.195548	0.072568	0.19756	0.051515
10.74095	9.177955	12.09835	10.9186	11.94078	9.529607	10.10737	10.52411	10.57684
4.747237	4.97886	4.353326	4.982331	4.733355	4.858928	5.214786	5.106393	4.983177
1.912159	0.900341	0.795837	0.633398	0.3046	2.036342	0.945858	3.834076	4.46277
6.354694	7.476498	6.881911	5.291324	8.648752	4.752533	8.397273	6.097714	6.982128
3.898839	3.518208	3.446485	4.390407	3.03639	4.565073	3.023299	3.198909	4.41694
3.82096	4.033652	2.98847	3.259302	1.699717	3.919737	3.749443	3.234698	3.426057
1.821523	1.972281	1.334475	1.051425	0.615086	1.232654	1.041672	1.1543	1.336081
0.165457	0.058839	0.061075	0.078119	0.0759	0.081198	0.061935	0.235246	0.046268
0.670312	5.154133	0.484651	0.404797	0.704782	0.372597	0.856111	0.319371	0.489022
4.717441	5.057149	5.847912	4.664225	2.916001	5.45163	5.424809	5.477623	4.570397
3.230457	4.709539	2.048316	2.270493	1.93287	3.561119	1.681626	3.414549	4.041455
4.176837	2.440537	1.747333	1.980336	2.974304	1.618045	1.955157	3.567689	2.109863
4.505452	4.552428	5.077925	4.652001	6.260634	5.265584	5.26994	4.17578	3.699308
2.532562	0.431009	1.072922	0.547829	0.115723	2.436614	0.890697	2.193211	1.010128
5.33082	5.362277	6.288071	2.993072	3.862535	5.231494	4.49429	3.704044	3.559597
1.313351	0.247662	0.120058	1.684987	2.986664	2.47845	0.439992	1.677022	3.00011
3.610626	2.784562	2.852304	3.787185	4.778758	3.055084	2.792903	3.277755	3.186478
1.453501	3.449801	1.13704	1.340264	1.058785	2.206069	1.509779	1.055476	1.078561
3.811125	0.618516	0.182745	1.135044	0.338303	0.693021	0.373553	1.499641	0.654712
4.751113	3.761749	4.233034	5.37984	5.671276	5.117314	4.499611	4.539558	5.293437
4.816557	5.249834	4.113216	4.292906	3.741891	5.640626	6.092059	5.015078	5.357346
0.994582	0.462528	0.47787	0.695452	0.521009	1.058222	1.076322	1.250894	0.189181
4.374206	3.697519	4.040149	3.178212	3.90019	6.058917	5.477345	4.46692	4.995986
7.086932	5.950434	5.346075	7.035777	6.21412	7.685819	7.558274	6.541476	7.606583
0.341594	0.175749	0.151134	0.261814	2.780142	0.285725	0.285966	0.283768	0.44502
2.699656	3.315184	2.587373	2.628313	2.89776	3.151585	3.306775	2.649354	3.100594
2.524606	1.982709	1.311513	1.971624	1.826299	2.326473	3.193542	1.20376	2.114649
1.85652	3.227999	2.118167	1.57668	1.672503	2.473259	2.306572	2.194361	2.190421
4.14889	2.035167	3.289932	3.735966	2.62528	4.003189	4.896854	3.63431	3.599369
3.373831	0.826469	1.16444	2.227411	1.94101	2.337278	1.245641	2.484117	5.074075
2.566239	1.515963	1.161017	2.183909	2.234089	2.374031	2.443378	2.226391	2.309832
3.626485	4.664125	3.829637	3.293292	1.963399	4.236229	3.971817	4.267757	3.649443
9.403529	7.322542	9.062611	9.29119	10.34284	8.355632	9.609381	9.036909	9.068616
5.058137	3.653863	3.636004	5.250864	4.335436	5.655139	5.107303	4.180946	5.411603
4.457858	4.096973	3.590794	3.42666	1.61424	4.143822	3.917601	4.303931	3.547121
6.652752	4.316885	6.527778	7.287197	7.929312	7.294482	8.581951	5.849321	8.271835
4.750452	3.435529	3.360925	4.867729	3.525506	4.568974	3.671886	2.529798	3.421473
3.568507	1.989403	3.263002	3.357751	2.655892	3.810731	3.731636	3.387846	2.608051
1.503795	1.243718	1.049439	0.972572	0.937399	0.510809	1.472588	0.502947	0.628601
2.403804	3.153743	2.370793	2.36029	1.054427	2.720956	2.894963	3.024955	2.864648
3.775268	3.22037	3.960619	3.202472	3.686658	3.827408	3.733989	3.593593	3.556733
3.15311	3.42868	3.204851	2.55309	1.664007	3.153637	3.133281	3.228518	2.670447
1.633483	0.912717	0.274579	1.041247	1.498061	1.923015	1.765111	1.144836	0.950096
3.403474	3.373696	2.590963	2.832966	2.620426	3.369551	3.38996	4.116808	3.124172

1.737374	2.173307	1.353589	1.585548	1.148658	1.83752	1.637799	1.788667	1.385645
3.390367	2.863883	1.775067	2.762285	2.754177	3.778594	3.006644	2.967162	3.138628
7.207661	3.260352	3.832646	3.360625	4.05538	5.601937	3.112646	5.613852	8.048369
4.108039	4.535392	3.75957	5.14064	6.829899	4.79981	4.187295	4.351489	4.75828
0.939441	3.323435	1.098674	1.054815	0.833791	1.737327	1.439218	1.200387	0.956546
4.411969	5.356545	4.315317	5.026539	5.499564	4.59928	4.954253	4.551386	5.93777
2.061216	2.301475	4.560024	0.773746	1.177748	2.13057	3.49796	3.879805	2.841311
3.655708	4.558766	4.534992	4.193473	3.478077	4.349307	4.542247	4.920336	4.560277
4.710579	4.219091	4.641911	4.695031	5.708971	4.452923	4.924763	4.999233	4.852378
4.495308	4.774248	4.164691	4.143117	2.651485	5.005521	5.145367	4.869788	4.789547
4.660349	4.978977	6.461069	3.522167	3.270206	4.721975	5.02472	3.67022	4.204582
5.650578	5.735686	5.157296	6.002497	6.956003	5.688063	4.898703	5.31532	5.347424
6.091982	1.854472	4.616698	6.496728	6.88164	6.964871	6.199447	5.687342	6.219494
5.133359	7.230041	4.800941	4.789496	3.573702	5.104298	4.884952	4.892217	4.127105
3.103508	4.227208	3.346804	3.554216	2.382753	3.416278	3.504825	4.914875	3.465799
5.475341	3.837404	5.345343	7.216233	6.550788	6.980532	5.636069	5.577846	5.231835
1.941979	2.371874	2.316649	1.597421	0.83699	2.184211	2.826879	3.271566	2.039759
2.639784	4.000814	2.192253	2.405497	2.57879	2.548526	2.905697	3.134292	2.486969
2.604037	3.351962	2.567008	1.412516	2.278643	2.957376	4.296959	1.675719	2.271366
3.55435	4.386916	2.499321	2.387793	3.74993	2.603704	3.139418	2.656169	2.355256
0.333394	0.320195	0.066592	0.105683	0.121444	0.755311	0.144516	0.211935	0.242559
5.239983	5.132644	6.23841	5.163648	4.764125	5.5299	4.970702	5.447178	5.333541
5.092784	3.360262	4.997151	3.852906	3.152062	4.793159	4.161059	4.720237	4.189729
5.286313	4.169664	5.662231	4.856288	4.654603	5.901683	6.017537	5.816632	5.457226
0.171467	-0.08741	0.045334	0.400628	1.833706	-0.0061	0.212463	0.780265	0.432204
2.705626	0.544555	3.670084	2.548304	1.904128	0.84313	2.898122	0.888674	3.844432
3.866339	4.895047	3.577962	4.200603	4.89603	3.784128	3.254429	3.891048	4.011657
4.358369	5.370326	5.033669	3.436112	3.460869	2.755255	4.996969	6.598242	4.461982
2.677906	1.670532	2.580733	1.575107	2.163958	2.049547	1.441227	1.214414	2.277535
3.066098	2.802877	2.613636	2.675553	1.910837	3.755141	3.229681	3.225889	2.831784
5.957526	7.205659	6.936887	7.382753	4.944394	7.088866	5.680836	6.150319	6.552316
2.186648	3.296794	2.566038	1.900575	1.98246	2.841653	3.12391	2.988873	3.142336
0.750631	0.617959	0.432287	0.512519	0.712942	0.756683	0.440691	1.018878	0.484728
4.051893	5.522702	3.990059	4.780983	3.061043	4.232314	4.306565	4.726519	4.280236
2.827254	5.289423	3.60514	2.669406	0.482099	4.264873	4.069123	4.490287	3.407229
1.481114	1.79182	0.951994	1.297663	1.33949	1.418084	3.425843	1.844449	0.986997
2.467024	3.003828	1.660138	0.887187	1.411947	1.855828	2.29109	2.033598	1.547192
0.68031	0.052831	0.132019	0.228646	0.016725	0.425425	0.182792	0.036864	0.142501
5.581422	6.167091	5.907835	6.285765	5.716504	6.18754	6.257721	5.710048	5.920525
5.553044	6.2392	2.759125	4.562349	5.416404	4.455642	6.140446	4.304408	4.991896
4.999126	7.71485	4.886903	6.106152	5.931949	6.201124	5.514358	6.246294	5.872538
5.18898	5.832197	5.328471	4.483528	3.420994	5.813939	5.454206	4.440488	5.44336
3.825748	4.435671	3.027198	4.259552	4.412442	3.74193	3.305158	2.889404	3.804989
3.271277	3.665174	3.125116	2.926023	1.441849	3.30312	3.151646	3.619226	2.89617
3.727622	3.214242	3.395775	4.033654	3.831966	3.858677	3.267334	3.635975	3.704416
0.393742	0.031233	0.129337	0.265636	0.15681	0.353582	1.762515	0.228217	0.887928
0.488049	0.201777	0.220244	0.22173	0.723443	0.182706	0.097234	0.200304	0.43717
1.428158	4.583609	0.782699	1.490607	1.516162	2.637852	2.040225	0.798501	1.606993
1.387802	2.606978	1.667352	0.646636	1.066516	0.591347	2.450835	1.335422	0.952557
6.421289	6.531148	6.067474	5.931675	6.818347	6.303865	5.995153	6.293537	6.287472
3.888987	3.019579	2.719736	3.844796	5.091936	3.638653	3.817253	3.29494	3.510477

3.481023	5.297652	3.680957	3.540916	4.209894	3.784813	4.405031	3.049751	3.444958
4.090891	5.484446	3.246436	4.256439	2.703463	4.019072	3.799404	3.586298	3.808143
3.445105	2.680793	4.558571	4.150605	4.196211	4.964553	3.344556	3.898778	4.200254
2.758766	4.930595	3.29334	1.780359	2.154674	2.883134	2.94929	2.957002	2.277263
4.840336	4.234553	3.249002	5.639143	5.029954	5.256099	6.583649	3.644552	5.632955
4.058973	2.102432	2.995736	3.147379	4.110311	4.137336	3.894865	3.482013	2.290109
2.859999	2.941714	2.364955	2.720983	1.502208	2.562861	2.331411	2.179553	2.487846

TCGA-R8	TCGA-DH	TCGA-HT	TCGA-HT	TCGA-TM	TCGA-P5	TCGA-HW	TCGA-KT	TCGA-DU
0.53064	0.691769	0.004094	0.409346	0.451339	0.519953	0.30485	0.202786	1.051755
0.818824	2.071051	1.242666	0.840968	0.391954	1.128918	1.289372	0.891811	2.217046
6.514545	4.867036	5.480735	5.501832	3.389355	5.353932	6.652209	4.642944	5.228601
3.412231	2.909791	7.376696	4.975963	4.836401	2.518767	5.066766	3.734113	2.963612
0.721768	1.372864	1.021467	1.146925	1.512232	0.969899	0.960154	1.265641	1.376497
8.061685	7.019826	7.339876	7.215808	6.108115	6.959031	6.511345	6.910546	6.337712
5.643064	6.049325	6.168845	5.844623	5.516705	6.491872	5.928175	5.472722	5.945908
0.637618	0.681768	0.861814	0.959817	0.951536	0.670619	2.750412	0.643169	0.582073
0.005708	-0.02582	0.155502	0.140507	0.282903	0.099236	0.157162	0.22761	0.064264
6.07343	5.51413	3.489497	5.304631	5.988543	4.886905	5.745151	3.891339	5.124256
5.595334	5.233108	3.614094	5.12332	4.991357	5.235999	4.442777	4.701535	5.192914
2.44555	2.592197	3.123304	3.188228	3.709429	2.31925	3.538546	1.848118	3.316992
1.891153	2.367656	2.482168	1.62339	1.461006	2.611162	1.965057	2.27487	2.160263
3.053146	2.57515	3.707213	2.295347	2.456969	4.271656	2.994051	3.837276	2.23286
3.051347	5.273986	5.876589	4.866884	5.401798	4.585377	4.46904	6.743769	5.79196
3.533167	3.353363	5.513567	3.400209	3.252822	2.765414	2.452677	5.774572	3.00955
0.677214	1.451199	1.919001	0.824205	0.605935	0.890391	0.597517	2.689885	1.563682
8.404959	8.737535	9.434243	7.306591	8.244156	7.590029	8.22025	8.110756	8.480516
4.765479	5.081304	4.47271	5.340276	5.511431	5.575024	4.220829	5.303965	5.862235
2.497338	4.148535	5.131343	3.587785	3.362376	2.921545	3.512811	4.970013	3.755641
2.967415	3.079588	2.709807	3.477935	3.863352	3.039434	2.715559	3.279209	3.478442
2.342608	3.123118	4.158408	3.191025	3.087834	4.012752	3.697388	2.060555	3.661655
2.864567	3.143582	3.641195	2.916182	3.350721	2.120443	3.26385	3.356405	3.022339
0.720718	0.279955	1.099241	0.305361	0.476981	0.287538	0.286786	2.206147	0.31402
4.224541	3.214435	4.388279	3.18287	4.309875	2.471367	3.857416	4.052291	3.082106
1.484198	3.020363	5.204372	3.455794	3.792916	3.787766	2.665146	2.272551	3.151067
0.782586	1.137822	0.331127	0.901449	0.735603	1.230879	0.513058	0.69564	0.361848
3.911006	5.606429	5.841509	5.089287	5.182016	5.125134	4.159762	6.025285	3.925034
2.308449	2.27482	3.068268	2.533085	2.698098	2.089208	4.635374	3.426702	1.956334
4.822551	4.703689	4.115713	5.170226	4.989279	4.320178	4.309294	3.979886	4.815484
1.075279	2.72733	2.299175	1.315918	1.263454	1.924824	2.186383	2.894867	3.072931
4.816096	3.480277	3.587107	4.389041	4.751179	4.699648	5.717333	2.372886	4.576714
5.052309	5.689094	4.692672	5.190056	4.536206	5.631823	5.564783	4.722144	5.1588
2.673787	3.033176	2.240733	2.855695	3.183886	3.085523	2.944231	3.196687	2.69493
1.836399	2.165569	3.900857	2.294779	2.084914	2.268305	3.82519	2.810789	1.973433
1.338049	3.110041	2.309885	2.396341	2.888873	2.149137	2.004605	2.175752	3.370951
6.723431	5.679166	4.695951	5.574085	5.411822	5.089793	6.631635	4.515155	4.58144
4.219821	4.049227	3.970169	3.169458	4.178283	3.897207	4.130352	4.868136	3.130616
3.947271	4.636178	4.473268	4.430548	3.459382	4.816388	4.779513	4.401852	4.88865
0.048859	0.085884	0.138973	0.10333	0.078522	0.140273	0.069707	0.740213	0.128243
1.02051	0.375269	0.378796	0.885734	0.450102	0.324243	0.782018	0.488859	0.378692
3.228137	2.425455	3.313461	2.009215	3.227236	2.515066	3.288529	1.689871	2.325703
1.095721	3.143701	2.728348	1.847303	0.390722	1.720757	2.181496	2.153683	3.795373
1.382727	0.726832	1.414545	1.379626	2.515039	1.016323	0.559455	0.766777	1.159095
0.575751	0.361015	1.307734	0.708498	0.323244	1.62223	2.293669	2.170975	0.376453
9.049492	10.74144	10.88612	9.87834	7.936315	10.17395	9.948501	9.358649	11.05429
6.195136	5.264772	4.165831	6.644724	5.711891	5.481236	7.335641	2.442566	4.739509
4.998844	3.805133	3.305172	4.122243	4.101082	2.807779	5.050837	1.872964	3.629985
0.984701	1.109165	1.369719	0.921045	1.11847	0.860621	0.61372	3.040078	0.663402

0.167001	0.570124	0.923375	0.375306	0.423214	0.957986	1.281963	0.371397	0.592559
1.167425	0.671193	0.448345	1.481132	1.192919	0.370246	0.390156	0.584305	0.626272
2.710081	2.434903	1.495898	2.070118	2.619808	1.75561	1.688952	2.506296	1.872654
5.021826	3.902519	4.412094	4.110819	4.846586	3.768002	4.939158	10.19829	3.252312
5.647041	4.055728	4.516835	3.206302	4.302253	4.068649	3.245175	4.417754	4.420363
0.102442	0.314564	0.198254	0.1019	0.085317	0.125934	0.107599	0.305494	0.134731
0.435228	0.42452	2.306805	0.727719	0.472188	0.693853	0.417039	3.769841	0.442889
7.256432	4.921659	8.428642	5.845283	3.339369	8.508975	7.504009	7.643708	6.617249
9.904687	8.00754	8.914922	7.684641	8.746221	8.50664	8.568635	8.926222	9.223884
4.532934	3.591319	4.081152	4.028804	3.312011	3.320347	4.582578	5.314339	2.455408
1.068532	1.684009	1.76815	1.70429	1.185992	1.505754	1.061289	2.267333	2.378169
8.109767	4.451166	4.444748	5.432906	5.606304	5.686768	6.226697	5.883224	4.153838
2.01559	2.454938	2.264426	0.764507	0.663527	1.732941	1.167132	2.236164	3.232781
3.159719	3.487855	3.233416	3.718564	4.152472	3.115045	3.927851	2.773255	2.873575
0.807517	0.574022	0.585367	0.895378	0.445936	1.858972	0.916659	0.389142	0.938908
7.622287	6.289333	10.58074	8.902395	6.652837	9.906181	9.40434	11.03456	8.511555
2.214205	2.878442	3.356637	3.000296	3.243689	2.408501	2.24942	3.912962	3.207732
2.673624	4.600763	3.958653	3.970831	4.133393	3.405857	3.551783	6.260168	3.686095
0.909666	1.244007	0.342692	1.006518	0.572456	1.351115	0.317096	0.850846	0.291773
6.707342	5.079604	3.782606	4.974294	6.041607	4.920864	5.306167	4.871591	4.378328
3.34699	3.357538	3.534249	3.464095	3.527495	3.01607	4.635547	2.810636	3.413922
1.341034	3.037179	2.995797	1.605011	1.178548	1.869744	1.903667	4.879537	2.767203
1.763465	3.128758	2.467924	2.046716	3.613557	2.395745	2.960837	3.461893	2.743478
4.745605	3.577666	4.636437	3.972687	3.948596	4.047914	6.689388	3.004067	3.242361
5.873536	3.26935	5.375813	4.919071	3.778146	4.368202	6.354453	5.254898	2.684894
0.763568	2.002054	4.880112	2.609704	0.803661	2.28081	3.875711	1.304447	1.0382
2.515109	2.674062	4.188234	1.363645	1.564775	3.873315	3.06656	3.352896	2.957068
1.301289	4.152362	4.87126	2.244819	2.128855	2.910786	2.357321	3.794619	3.743493
1.762103	2.859327	3.167434	1.924694	2.854259	2.104749	2.501176	3.186758	2.790049
3.126944	3.410335	3.237946	3.715048	4.013303	2.958646	4.19405	2.766352	3.199334
1.59978	1.908652	1.702677	2.815224	3.131238	2.320954	2.763159	1.660209	1.838934
4.904821	3.864116	3.180265	4.175298	4.019765	4.068352	2.917585	3.862579	2.796636
9.472014	7.453497	8.013904	7.130597	7.261726	7.558191	7.833357	7.747836	6.345341
0.406806	1.182224	0.692256	1.006805	0.665987	0.965859	1.435508	0.967673	1.235921
7.096583	5.886016	6.414897	5.664812	6.432284	5.470155	5.101618	6.054136	5.384914
0.24202	0.496898	1.040797	0.683088	0.503359	1.712059	0.960374	0.255782	0.35626
2.364386	3.505378	3.850546	3.86267	3.711845	2.92359	2.605025	3.97668	3.644491
2.276381	3.929071	1.217814	1.772788	3.546633	3.918256	3.020309	0.916047	2.777078
1.274919	2.482632	2.686057	1.880644	1.814821	2.309464	1.87439	2.519261	1.954122
3.627821	3.715981	2.635818	2.437974	3.45767	3.524634	2.624972	4.771248	2.48447
4.499989	3.08066	5.111072	5.091474	4.704891	3.233436	3.575629	6.45335	3.008456
0.260534	0.541611	1.199499	0.132424	0.131681	0.28202	0.306823	1.211579	0.290593
2.43724	4.390876	2.845121	2.811161	1.345204	2.922903	2.704474	2.514214	4.266263
0.117809	0.236663	0.142481	0.582379	-0.00609	-0.04559	0.945039	0.089537	0.127342
2.378363	4.841872	3.936152	3.059964	1.861642	3.670338	3.052518	3.170466	4.598159
2.504676	2.408468	0.931955	2.581233	1.169792	2.542616	1.733492	2.525966	0.987308
3.768475	4.038694	3.365582	4.178491	3.906703	3.864663	4.643519	3.590506	2.890469
2.254426	2.739017	3.248184	2.677643	2.579198	3.637893	2.861287	2.782609	2.831887
4.924485	6.133634	5.415203	6.517824	6.787669	5.610485	5.638267	5.133186	6.545828
0.86039	3.742774	2.411532	1.500466	0.645508	2.076368	1.911635	2.062561	3.996422
6.856736	7.416652	7.932239	6.095181	7.070153	8.156662	6.983623	6.559579	7.494794

0.766738	2.413994	2.420328	1.287506	0.891122	1.969993	1.603051	4.343233	2.212893
1.641435	2.466301	2.392556	2.312503	1.832835	2.528771	2.179368	3.276005	1.875263
2.044855	2.684734	2.769579	4.073106	2.873036	2.174906	2.239384	3.125628	3.678678
0.250875	0.387195	0.337784	0.189138	0.076785	0.076699	0.069488	0.003171	0.319068
8.661572	8.123061	8.383774	8.080647	5.884212	8.862889	9.232147	7.082686	8.187891
4.316162	4.777377	5.005548	4.05639	4.553576	4.217816	4.404295	5.376931	5.692259
2.764342	3.254978	3.786711	2.079957	2.347302	2.664535	2.64662	2.705353	2.052649
0.512078	0.756034	1.507138	0.645675	0.917443	1.146432	0.493741	1.551796	0.769979
2.580731	3.71536	5.623904	4.51972	4.712578	3.544145	3.673114	5.387341	4.504773
0.624209	1.574306	4.44617	0.880553	2.471606	0.941244	0.95892	3.931438	1.82378
2.295254	2.920657	2.642885	2.731614	2.926181	2.505802	3.108034	3.212341	1.977738
2.309875	2.249262	3.490738	3.219274	3.316792	2.785572	2.718281	3.416463	3.451777
0.105737	0.116741	0.1589	0.245999	0.08958	0.043533	0.827221	0.011073	0.112914
-0.0406	0.061917	-0.04942	-0.00084	0.017668	0.033024	0.103482	-0.03405	-0.00729
2.299728	4.25099	3.729349	3.382235	2.247089	3.890294	3.042433	2.168159	3.573894
4.547813	3.744228	1.365293	3.835932	2.863927	4.367889	2.712694	0.627191	4.120776
0.877543	3.988648	2.893438	1.983398	1.83925	3.157468	3.162036	1.31195	4.357908
2.409044	3.178011	1.947975	3.52561	3.749852	2.607119	2.678026	1.944281	3.075897
3.571497	4.173715	2.995512	5.028104	2.743594	2.291494	3.879661	2.783009	4.631545
8.949477	6.783932	7.173335	6.714758	6.714696	7.137988	7.198609	5.867969	6.617006
-0.02315	-0.01206	0.375916	0.036037	-0.0297	0.040394	0.303892	0.026152	-0.05326
1.018177	1.055939	1.810849	0.627594	0.437786	0.688992	0.519265	3.280071	0.592139
2.008527	3.182174	2.729874	3.487781	3.426525	2.612198	1.796707	2.650986	3.037987
6.498256	6.566939	6.481485	5.532035	5.279681	5.764141	7.977805	6.383087	6.314393
0.020325	0.132858	0.012377	0.136955	0.102953	0.096189	0.084144	-0.02609	0.014371
0.478141	0.346015	0.393478	0.398795	0.099481	1.770832	1.336798	0.543807	0.108231
2.85136	3.597124	4.504193	4.133708	4.455349	3.01367	3.649327	4.393395	4.112413
6.167732	5.831377	5.112939	5.910123	5.687572	6.143373	6.957017	4.259219	5.254528
5.775361	4.538682	5.161659	5.912759	6.162397	5.115221	5.816429	5.405057	4.748501
3.798015	4.833632	4.432112	4.150941	3.951393	4.873693	4.728408	4.536176	4.257216
3.200507	4.123457	4.168211	3.735004	4.606481	3.659489	3.574802	3.936469	4.400356
1.431925	1.155677	1.126432	1.115851	1.250343	2.452941	0.682682	1.707342	0.610551
3.013058	5.59729	4.867856	4.218059	1.661136	5.445053	4.68819	6.915365	3.129348
0.000681	0.007904	0.006637	0.050612	0.008928	0.000681	0.339662	0.007662	0.000681
3.494064	6.191196	5.781406	5.036092	3.270196	6.065652	5.266745	7.53921	4.729726
4.208867	4.026175	4.792907	4.124803	5.055384	3.776323	4.130741	4.569081	4.225195
3.482852	5.262597	5.807777	4.390839	4.513982	4.74034	3.814815	5.607817	5.022834
2.63554	3.268262	2.189165	3.242803	3.044044	2.627547	1.750905	3.405777	1.562885
4.992321	4.723088	4.744431	4.51506	4.375524	5.185794	4.471989	4.253034	4.001976
2.623455	2.426855	2.027661	2.600438	1.648199	2.631353	1.978245	3.212965	1.297862
0.025245	0.125797	0.286407	0.198857	0.076028	0.128861	0.882571	0.007441	0.02635
4.439908	4.595954	4.583507	4.23218	4.700125	3.938051	3.536693	5.356842	4.12825
0.523367	0.206864	0.293392	0.305398	0.357338	0.179572	0.284549	0.393379	0.347607
0.136029	0.206299	0.081285	0.38096	0.209742	0.020134	0.441244	0.029175	0.055486
7.22393	6.805926	5.507895	6.145717	5.278458	6.542151	6.510747	6.287654	5.639621
3.062736	3.817476	3.690993	4.09958	2.005457	3.718637	3.801001	2.131184	4.438943
1.90404	1.728242	3.234125	2.594029	3.022512	1.631436	2.841948	4.614684	2.237837
0.678765	1.633861	1.21218	0.752116	1.325963	0.794072	2.46606	0.773959	0.86865
6.142488	6.996484	6.270288	5.886759	4.90849	6.832753	5.902205	6.183149	6.3099
0.059797	0.04498	0.1005	0.040766	0.049568	0.024784	0.186894	0.022874	0.054423
0.837356	1.891424	3.039992	0.977884	0.844111	1.885476	1.191169	3.731986	1.638848

1.665904	3.072631	3.554117	2.825594	3.853258	2.584889	2.517821	3.032495	3.182796
4.821707	5.792866	6.830484	4.723262	4.610292	6.628087	5.858275	6.473969	6.385852
0.17762	0.225125	2.231321	0.272496	0.100237	0.223177	0.390207	3.471311	0.275329
0.209768	0.191144	0.349675	0.179019	0.117259	0.190109	0.144668	0.544665	0.152506
4.891631	5.024309	5.975563	4.290916	5.774328	3.745534	3.478352	6.420559	4.747221
5.331928	5.316916	4.801169	5.334785	4.998267	5.475486	7.432981	3.141068	4.455285
0.047113	0.090787	0.033752	0.096528	0.050697	0.110949	0.036059	0.056985	0.032721
10.85331	9.896569	8.527532	9.320261	9.278305	9.294305	8.974146	8.906039	11.0118
4.751958	5.42041	4.438879	4.95726	4.577579	5.089752	4.110665	4.59473	4.550961
1.619252	2.260641	1.855645	1.120825	0.512604	3.062701	3.097336	1.475953	1.345039
6.623012	6.665875	7.618887	5.223896	5.765722	7.229602	5.839688	8.292939	4.222259
4.474372	4.631746	2.841025	3.836564	4.483842	3.305668	3.707355	2.72655	2.978795
1.885416	3.833862	3.990422	2.561487	3.194553	3.794908	3.36927	4.034764	3.836458
0.45407	1.725621	1.853255	1.047509	1.008782	1.775318	1.020623	1.957817	1.51573
0.04379	0.104983	0.104235	0.052177	0.033072	0.082671	0.080473	0.054279	0.078099
0.701508	0.712769	3.083883	0.902011	0.554191	0.736194	1.421138	1.912962	0.801132
3.102882	5.215754	5.413769	3.211663	3.355506	5.370881	4.723599	5.77777	5.437709
3.303443	3.077376	4.28524	2.632731	3.059231	3.891583	2.000292	5.20433	1.89606
1.500075	3.077644	2.032353	1.476169	1.130447	1.390088	0.959403	2.843256	1.505942
5.521683	3.636478	5.039559	5.774629	4.448258	4.580241	5.692049	4.692954	4.075147
2.373771	2.938501	0.50285	2.304471	0.447798	3.704645	3.660136	0.325019	0.445318
4.768289	4.923411	6.432934	6.16092	5.639237	6.522565	4.670606	5.577169	4.114056
1.999685	1.108442	0.555784	1.736303	1.160811	1.723132	1.839593	0.911231	0.62928
4.257131	3.213238	2.782448	2.92649	2.670731	3.175444	3.301116	2.932745	2.246873
0.936047	1.246311	2.798335	0.917005	0.885951	1.041947	0.797906	3.545757	1.465551
0.825838	0.734475	0.325336	0.316966	0.221531	0.1829	0.241494	0.950925	0.565983
5.865073	4.90765	4.380259	4.678929	4.40769	4.550907	4.752323	3.484121	4.585646
2.978937	4.518049	7.161818	4.550548	4.877251	5.093396	4.651207	5.208134	5.811871
0.422151	1.126295	0.651285	0.53101	0.204827	0.331142	0.534265	0.437934	1.263147
3.521539	4.633576	3.906822	4.877781	2.591022	5.517287	4.760166	5.72017	2.828834
6.574307	7.535127	7.40007	6.029143	6.723149	7.019313	6.545391	6.051131	7.148711
1.015253	0.329828	0.159454	0.859728	1.652691	0.100678	0.847178	0.072293	0.109251
2.493153	2.897193	3.359511	2.94913	2.892341	2.278441	3.480513	2.92582	3.216371
1.398524	2.766003	2.257972	1.701688	0.962599	1.310005	1.297107	1.333302	2.769278
1.761964	1.617716	3.356775	2.072801	1.892152	2.759538	2.024432	3.143163	2.557106
2.643608	4.393024	3.703723	3.800605	3.017518	4.177756	4.007091	2.967843	4.180078
1.930319	1.366188	1.787218	1.71057	1.12443	1.971584	2.184666	3.204254	1.238837
1.193758	2.195998	3.782403	2.047354	1.8504	3.155258	2.444899	2.941549	2.8056
2.220976	3.749497	4.239488	2.671787	3.143644	2.957554	3.075822	4.475388	4.021611
9.722912	8.097159	7.981059	8.34063	7.319804	9.090556	10.77255	8.229739	8.263713
3.99026	5.223726	7.119617	4.100651	3.969543	4.399053	4.264086	4.673076	5.597781
1.552479	4.127159	3.341341	2.126256	1.101972	2.655421	2.666864	2.382159	5.161697
7.458318	6.609661	7.735776	6.608121	8.85485	9.023131	7.500296	5.777838	7.62236
4.580961	3.871747	3.91473	5.906196	3.6764	4.644381	3.456529	3.202686	3.276956
2.785396	3.826714	2.180912	3.907808	3.399266	2.53982	3.293263	1.862869	3.328567
1.598174	1.368827	1.365158	1.976694	0.782894	0.7755	2.481313	1.323619	0.386212
2.117744	2.810059	3.021564	2.884447	2.843464	2.308951	3.054707	2.829441	3.039801
4.385288	3.343978	3.760869	3.694683	4.177397	4.070559	4.217392	2.298812	3.709752
2.119545	3.142616	3.498127	3.376988	3.441227	2.611999	3.240566	3.616617	3.394013
1.533467	0.655736	1.199477	2.112656	2.152942	1.512888	1.917393	1.218741	0.446741
2.271527	4.067957	3.764786	3.205953	3.416924	2.271697	2.022822	3.036457	4.282162

1.345314	2.026617	1.655196	2.111923	2.395572	1.640072	1.4778	2.065247	1.590777
2.35671	3.143556	3.462038	1.842899	3.712153	2.937276	3.480544	2.85858	3.06427
3.665229	2.898451	3.060357	3.120829	3.218845	3.696924	4.512847	3.530741	3.086041
5.87635	4.786822	4.366333	4.672209	4.432356	3.853056	4.045098	3.798969	3.886577
0.925478	1.312865	2.901343	0.818229	1.210719	1.003294	0.863823	3.412469	1.363133
5.2739	4.85925	4.880818	4.897743	4.944725	3.812269	4.835998	4.477854	5.166695
0.943115	2.85989	4.969069	1.855422	1.747458	3.777432	1.995289	2.32219	2.336084
4.068288	5.011969	5.357903	4.108379	4.917771	4.131197	4.106354	4.583048	5.409604
5.081496	4.940868	4.419539	5.32187	5.486645	3.870588	5.130872	3.756059	4.590572
3.446904	5.428056	4.895856	4.353682	4.712708	4.430165	5.119646	5.003011	5.292873
3.552142	4.69167	5.595013	5.571043	4.294298	6.335529	4.849497	4.669163	4.348253
6.587223	5.421518	5.749062	5.236058	6.003972	5.543522	5.066372	6.352008	4.579362
6.363109	5.699767	7.749153	4.938538	6.293795	5.871004	6.237033	2.464523	5.059419
3.164842	4.733099	9.808787	4.437337	4.414551	3.581168	3.955564	8.351308	5.4098
2.136842	3.748698	4.481007	2.350411	1.948389	3.939755	2.932592	5.22639	3.223026
5.916393	4.261261	4.466459	6.458902	5.243035	4.431582	6.048586	5.982891	5.745706
0.845847	2.334756	2.152485	3.224219	2.928901	1.861179	2.034004	2.02491	2.830995
2.691344	2.990606	4.012023	2.86754	3.186507	2.574794	2.111969	3.928654	2.945968
1.640702	2.307965	2.778308	2.724792	1.227034	2.282067	2.247385	2.883939	2.329514
2.34818	3.452963	4.601089	2.496025	1.616279	3.460542	2.398898	5.921275	2.322742
0.182609	0.532043	0.274981	0.338597	0.277005	0.305768	2.373334	0.338529	0.345133
4.782716	5.46283	4.746771	4.973117	5.67496	4.642992	5.324046	5.097864	5.266759
3.613719	3.999139	5.035889	3.479342	3.890219	4.081895	4.272921	3.808858	5.569258
4.680027	5.596748	4.769382	5.302631	6.00095	4.840038	5.026089	3.598973	6.279276
0.449725	0.383645	0.77217	0.816838	0.133672	-0.07146	0.923212	0.035157	0.093255
2.011606	1.345262	1.709079	2.575538	0.990282	2.804038	1.491506	0.591648	3.127413
4.589862	4.139054	3.909031	4.01944	4.568281	3.312491	4.082123	5.09648	2.884674
1.987933	5.87688	6.720228	3.021177	3.755642	4.665523	3.887909	5.248779	4.643792
2.197858	1.776198	1.905464	2.499142	2.047231	2.406856	1.774662	1.627914	1.657202
2.925153	3.074205	3.321628	4.231915	4.602947	2.980038	2.274956	2.258589	3.18943
7.218873	5.89384	7.343455	6.307704	6.500333	6.567518	5.51427	7.560868	6.89754
1.934391	3.168083	3.099975	2.956659	3.159139	1.91574	2.303361	2.776007	2.889237
0.634973	1.042233	0.458881	0.86981	1.002411	0.82999	0.474617	0.522604	0.394029
3.794252	4.558626	5.108014	4.158486	4.277959	4.816194	5.359411	6.040861	4.010828
1.732739	3.651651	4.649442	3.121088	3.470437	2.850488	2.661837	4.784499	5.013895
2.365925	1.833032	3.422965	2.410173	1.417518	2.388665	6.338066	0.618876	1.548862
1.729583	2.09301	3.540455	1.723161	1.711665	1.52257	1.367227	3.822828	1.868153
0.06145	0.231157	0.083664	0.163584	0.02849	0.501409	0.453125	0.066001	0.087497
5.024715	5.98813	6.230413	4.540172	5.378574	5.579771	5.336231	6.525362	5.758491
3.069674	5.39179	6.535191	4.26588	2.466789	3.996324	4.357039	5.379759	5.944068
6.318056	5.856672	6.714588	5.533893	5.977963	5.799566	5.450162	7.193963	6.54657
4.825782	5.932617	6.033707	6.360008	6.361048	6.202355	5.353873	5.6902	4.663314
3.562612	3.795164	4.04259	2.791093	3.241021	4.078841	4.179932	5.572794	2.64213
1.41363	3.195194	3.442973	3.26008	2.276248	2.956641	2.182832	3.660918	3.534895
3.901069	3.637318	3.286298	3.461553	4.027321	3.787541	3.581765	3.710212	3.294755
0.042304	0.492804	0.174378	0.235462	0.047124	2.801048	0.258493	0.042104	0.259029
1.573417	0.3429	0.533938	0.723983	0.815368	0.521418	4.721253	0.155821	0.287615
0.841014	1.786287	3.699453	0.234384	0.372571	0.915819	0.754997	4.886322	2.363044
0.62211	1.319465	2.017468	1.025247	0.927485	1.284346	1.500863	4.652559	0.980821
6.389132	6.220653	7.18787	6.863017	5.841007	6.481793	6.049106	6.995049	5.817582
3.864014	3.824739	3.877601	3.531123	3.094711	3.36274	3.573745	3.232306	2.512601

3.986666	3.663562	5.36786	4.127732	5.139931	3.931579	4.653085	6.501318	4.052872
3.330093	4.252991	3.92373	3.762504	3.744716	4.604427	3.251481	5.468895	2.969955
4.061896	4.580179	4.004111	3.021418	2.689311	3.773422	4.029852	2.685742	4.547178
2.002323	2.949796	6.22997	3.844845	4.043816	2.953562	2.553714	6.263876	2.891816
4.616336	5.826785	4.791788	4.557215	4.433996	5.237958	5.77825	4.03717	5.59614
4.24783	4.011023	3.793554	4.764262	2.893057	4.002781	3.946851	1.993102	3.298639
1.867098	2.994881	2.194467	2.982278	2.391939	2.927294	2.314816	2.577692	2.288985

TCGA-HT	TCGA-VW	TCGA-DU	TCGA-S9-	TCGA-DB	TCGA-VM	TCGA-HT	TCGA-DU	TCGA-DU
0.811241	0.655781	0.656912	0.607379	1.404003	0.572144	0.32698	0.458653	0.083065
2.387545	1.058954	1.936063	1.850872	1.110454	0.820214	2.227279	1.949633	0.175009
5.409374	4.853103	5.633217	4.861412	5.491069	4.599629	6.209405	5.698503	2.872525
4.215926	6.330359	3.582016	1.953866	4.388801	2.832845	8.977594	1.475767	0.194656
1.497679	0.618545	1.124902	1.04019	0.915379	0.795472	0.677843	1.802743	1.67618
5.723485	8.241435	5.171376	6.405817	6.026187	7.599869	6.330875	7.191127	5.397855
5.853505	5.008333	6.446602	5.33669	6.728663	5.902742	7.092976	5.865302	6.20428
0.606245	0.666763	1.288044	0.940063	1.058978	0.705922	0.918835	0.912299	0.495177
0.108892	0.008413	0.121376	0.132094	0.102044	0.196283	0.150024	0.361063	0.551376
5.319957	3.03633	5.131661	5.701726	5.494548	5.106928	4.631563	5.838234	5.78101
3.931295	5.023855	4.463871	4.701466	4.293601	4.824466	4.016491	4.716347	5.124372
3.521563	1.799007	3.338036	3.316479	3.167362	2.699763	3.087451	3.840922	2.974349
2.176339	2.471693	1.829979	1.726763	1.771414	3.063716	2.904419	2.324716	3.652099
4.214842	5.282951	4.21858	4.15074	2.842734	2.976238	4.089241	2.490276	1.397119
5.996047	4.917756	5.045319	6.235264	5.663433	5.653041	6.395824	4.481637	4.968429
3.884632	4.345573	2.4211	3.051301	3.349623	4.180773	4.092322	3.320428	5.751466
1.954733	1.661539	1.153373	0.662815	0.525663	0.864082	1.709067	1.774321	2.079106
9.010966	8.394162	7.793814	8.28735	9.810634	7.734468	9.481131	8.20919	9.027523
5.083283	4.663892	5.51636	4.630726	4.445108	5.227163	3.788241	5.654969	3.863019
4.668384	3.961781	3.552858	4.316618	3.263302	3.255158	3.856016	4.169089	3.70141
3.221654	1.888834	3.361545	3.907335	3.94199	3.431991	2.634431	3.075555	3.511073
2.392929	2.151592	3.759886	3.938972	3.282216	2.681777	4.310999	2.868979	2.637076
3.465006	3.149954	2.826639	2.709031	3.347645	2.695432	2.98115	1.919663	3.24864
0.402116	0.823474	0.495965	0.319549	0.240084	0.897936	0.407671	0.6231	0.809687
3.012982	2.979695	3.405868	3.07755	2.623463	3.024402	1.878453	2.896378	4.707295
4.70626	2.43166	3.693695	2.337946	3.215668	3.097243	3.285645	4.131933	2.818998
0.687336	0.938977	0.807476	1.190705	0.439608	1.34145	0.593965	0.975848	0.81437
4.189645	4.976534	4.498379	5.294394	3.948615	4.815252	5.129135	5.279911	6.016118
2.386845	3.413884	3.457362	3.051961	3.429232	2.374963	2.308074	2.987628	3.287351
4.261419	3.647164	4.404863	4.424712	4.448896	4.40949	4.226764	4.91248	4.424604
4.035581	2.791328	2.809253	3.238628	1.279451	1.979748	3.672906	2.700717	5.281941
4.262287	3.305298	5.171294	4.946751	5.150318	4.567598	6.105781	3.524334	2.46262
5.432466	5.621857	5.891765	5.472363	4.10855	4.776129	5.206145	4.858394	3.825467
2.923822	2.597102	2.67421	2.773692	2.304563	2.68299	2.041666	3.025843	3.713454
2.655641	2.348861	3.282187	4.11639	3.985445	2.263991	3.145924	3.089623	0.659332
3.635212	1.687593	2.786514	2.7373	2.215954	2.413218	2.666266	3.232461	2.751708
4.719431	5.136636	5.71273	5.823466	5.547608	5.061031	4.416865	5.728272	6.240842
4.330757	5.146436	3.740345	4.166821	3.549016	3.82355	3.308581	3.78437	4.248508
5.283412	4.327271	4.726703	4.833769	4.578511	3.594508	5.673018	5.122206	3.637739
0.111286	0.087708	0.144924	0.204455	0.19689	0.085035	0.173063	0.066185	0.260297
0.634817	0.714819	0.231361	0.791489	0.221395	0.454294	0.451758	0.261061	0.368395
2.121256	1.688942	2.432236	2.785921	2.379332	2.695991	2.117438	2.643956	2.159508
4.953261	3.34416	2.583895	1.821562	0.92888	1.562663	4.413601	3.309647	0.505898
0.72641	0.825285	0.915364	1.419446	1.369927	2.044277	1.774023	0.677459	2.196295
0.669589	1.491428	1.595745	1.508234	1.201163	1.029293	1.200391	1.683927	1.090282
11.74438	12.84642	10.8718	9.953664	8.69364	9.688902	11.40715	10.0551	9.526817
5.384895	3.503178	6.518823	6.596437	6.856045	5.457093	4.953142	5.868442	1.27025
4.855775	1.288235	4.071753	3.793368	4.163591	3.629306	3.301366	4.304364	6.54453
0.470327	1.978055	0.733903	0.858747	0.291264	0.857345	0.435262	0.879051	4.086967

1.371279	0.302378	1.333222	0.807934	0.921144	0.513168	1.02618	0.646252	0.349929
0.265952	1.232278	0.455383	0.65112	0.806576	0.850808	0.639884	0.230171	0.514131
2.827176	2.223865	1.565321	2.618207	1.246722	2.207199	1.243627	2.021322	3.719071
4.127138	4.205883	4.18754	4.607543	4.6433	4.354091	3.619714	3.437376	5.366955
4.647428	3.906021	3.29163	3.286188	3.80329	4.656222	4.10068	3.68759	2.647071
0.46607	0.466223	0.215706	0.083971	0.083194	0.062537	0.214824	0.624408	0.128114
0.438518	3.007481	0.622208	0.60247	0.678766	0.742551	0.710767	0.598715	0.528073
8.248476	7.775355	8.898848	8.3867	6.49585	7.265947	9.330922	8.182279	7.616866
8.850086	9.882143	8.435431	8.730531	10.74418	8.2438	7.645308	7.843532	7.324139
2.015307	5.521055	3.288676	3.979143	3.193155	3.893018	2.712319	4.242237	2.383223
1.974735	2.113794	2.100007	1.623742	1.083876	1.587634	3.969426	2.217763	1.51275
3.699258	7.277431	4.642718	6.321168	4.935487	5.513454	4.026795	4.592266	9.648802
3.613314	1.394595	1.792804	1.877033	0.838622	1.43357	1.477209	3.141197	0.557204
3.075976	2.019525	3.743332	3.650396	3.227168	3.841717	3.535328	3.688988	3.763919
0.826708	0.810771	1.091114	0.695001	4.15886	0.642533	1.079239	0.734082	0.474226
9.047588	11.90763	9.362706	9.661952	8.719719	7.391549	10.53658	7.267491	-0.69955
2.976489	3.564363	3.440135	3.070287	3.551762	3.014361	3.558775	3.4554	3.269289
3.602851	4.602657	3.59239	4.007528	3.287207	3.707099	2.845805	4.033116	5.635592
0.291808	1.087798	0.627704	0.879851	0.364072	0.932703	0.3516	0.794764	0.554514
5.724074	4.755635	4.673358	5.328491	5.136849	4.770347	5.106252	4.502244	2.23764
3.296664	2.781953	4.181768	3.911828	3.918547	3.223935	3.241054	3.535136	2.971953
3.722313	3.981791	2.406778	1.430641	1.484506	1.773623	2.769989	3.260398	1.008613
3.144163	2.558384	2.961525	2.581896	2.55538	2.376182	2.742627	3.68099	4.591255
3.680278	3.042305	5.301516	4.802649	5.240683	3.872595	4.334697	4.868016	4.372376
4.523691	6.012495	4.800392	5.294291	4.281362	5.491513	5.121691	4.516666	5.255538
3.988291	3.207766	3.63746	2.237324	1.550523	5.574911	4.750976	3.867505	1.676788
3.329165	3.196513	3.657615	3.606143	4.3209	2.798168	4.154809	2.585435	3.284046
4.729658	2.219763	3.491204	2.276923	3.03612	2.352377	4.613049	3.907407	4.842924
3.047354	1.778078	3.073141	2.858018	2.405493	2.333418	3.1797	3.052858	4.591646
2.964654	2.552435	3.597396	3.774685	3.268216	3.212379	3.222545	3.006312	3.812223
1.843205	1.212266	2.177679	1.459536	3.320808	1.758812	2.130344	2.072299	2.20727
2.964569	5.385045	2.878614	4.222147	2.845108	4.382839	3.021279	3.371947	3.62913
6.771742	7.845165	6.737306	7.901342	6.529355	7.795096	6.879314	6.410602	9.849828
1.527053	0.821218	1.511916	1.158225	1.0444	0.755995	1.21214	1.234036	0.216239
4.975003	4.88655	4.713767	5.506151	5.463922	5.450501	3.907249	5.410259	4.871541
0.21736	0.93942	1.087345	1.3106	0.254018	0.59575	3.7532	0.294308	0.575565
2.97391	2.379735	3.487772	3.356572	3.308597	3.486309	4.048723	3.68273	4.72032
3.380517	8.291004	2.145388	2.858564	1.077187	3.646566	2.115196	2.601179	0.889362
2.965293	2.895845	1.923719	1.679553	1.851194	2.236711	2.326422	3.351325	5.059377
2.753671	3.869417	2.735966	2.812996	2.576061	3.23898	2.900739	3.288533	3.047995
3.216194	4.71886	4.050732	5.758192	4.076963	5.749343	5.051393	3.425873	5.367298
0.573722	0.732	0.357609	0.789073	0.282719	0.286597	3.0668	0.531258	0.111143
5.080305	4.596702	3.453536	2.636982	1.522415	2.488174	3.516241	3.468142	1.145278
1.269115	0.680208	0.676119	0.802983	0.521113	0.049863	2.935676	0.245167	0.261939
5.28484	5.165537	4.0867	3.900357	3.039918	4.085745	4.780481	3.944491	3.861619
0.867938	3.473872	1.535416	2.475003	0.750396	2.188085	1.432966	1.522776	2.868288
2.723142	3.117845	3.662667	4.098898	3.038931	3.683961	3.368007	4.099759	5.141562
3.558554	2.631102	2.749049	3.240657	2.007372	3.138417	4.8542	2.354602	0.868315
7.257088	5.43555	7.082406	6.155363	9.252157	5.594414	7.709857	5.280791	6.252564
4.568675	2.723978	3.333005	2.092503	1.451838	2.119156	3.911966	3.962808	0.425409
7.494751	6.068401	6.090733	6.976511	6.329781	7.978342	7.207697	5.828834	6.330833

2.369688	4.018447	1.794861	3.209315	2.8659	3.150689	4.86222	3.27203	2.508613
1.765095	3.082714	2.229654	2.521708	1.36155	2.055568	1.750311	1.756633	2.349316
4.119761	3.099476	3.731138	2.809124	3.877777	3.132887	3.987797	3.32901	4.727205
0.190141	0.321719	-0.01725	0.59145	0.209935	0.050412	0.514982	0.231756	0.003276
8.107455	8.023914	8.56323	9.023966	8.103601	8.438861	9.492008	8.851193	6.911703
4.562993	5.03371	3.821655	4.0549	4.147885	4.044537	3.874216	3.962431	6.214113
2.914012	2.571279	2.35113	3.705067	2.621241	2.382253	2.668974	2.512197	3.501963
1.142741	1.367928	0.976517	1.256944	0.515791	0.81807	1.695798	0.695399	3.758828
4.638112	3.336904	3.779099	4.501449	4.576453	4.147368	4.377165	3.428009	5.298481
3.031102	3.551369	1.546861	1.215927	2.991003	1.343206	3.124099	2.197154	0.994328
2.903667	2.685611	1.872633	2.589658	2.565586	2.638554	2.015589	2.600598	2.476499
3.324336	2.363369	3.309432	2.730931	3.477117	2.581425	2.902814	3.445602	3.463742
0.178368	0.048854	0.33525	0.257467	0.293999	0.031927	0.182063	0.333936	0.280997
0.503149	-0.01934	0.147035	0.134578	0.018747	0.028525	0.050666	0.034805	0.234186
3.307672	3.996556	2.985674	2.65367	4.028752	4.293146	2.888345	2.005812	-0.39893
3.077656	2.046481	2.216201	2.98852	4.655157	4.203977	2.320287	3.374891	0.639088
4.19621	1.843687	3.930935	2.677396	5.25934	3.226456	3.384977	3.813076	0.235239
3.101536	1.626494	3.232367	2.799615	2.834668	2.85663	3.268964	2.967336	4.157542
5.70512	2.930837	4.038206	2.632302	2.701845	3.991361	4.280861	4.282656	4.85379
7.146181	5.458007	6.748291	7.34405	8.249817	6.8483	7.040008	6.268192	3.397417
0.008418	0.160298	0.20528	0.106438	0.36117	-0.03087	0.113265	0.11291	0.006693
0.5613	2.262221	0.478146	0.969265	0.432766	0.682458	0.963773	0.287187	2.542574
2.43865	2.394868	3.257816	2.339168	2.490803	3.248819	2.874034	3.683589	1.902907
7.095132	6.928958	7.191749	6.989637	5.494728	6.29978	5.808426	6.86725	6.808696
0.11542	0.0483	0.48312	0.13889	0.032105	0.096361	0.169934	-0.00408	0.020217
0.205547	1.029011	0.763739	1.005828	2.277553	0.519847	2.490784	0.884845	0.127084
4.697289	2.140319	4.474808	3.338455	4.39148	4.019666	4.382463	4.818954	4.968781
5.810603	4.104898	6.238898	6.107941	6.324248	5.723581	6.077429	5.571321	2.990414
5.456299	4.836431	5.007133	5.609844	5.263302	5.357739	4.414777	5.132175	4.111548
4.497726	3.558936	4.428545	4.413513	5.021276	4.622322	5.274047	3.916077	3.076271
4.078347	4.133219	3.959302	3.312581	4.053238	3.546666	4.496898	4.77738	3.812004
0.796405	1.027593	1.003088	1.416725	1.148413	2.27924	0.593337	0.429223	3.590157
4.253458	7.009925	4.909056	6.679385	5.190588	5.649004	8.508858	5.501489	2.391607
0.0079	0.000681	0.013827	0.032829	0.018573	0.000681	0.007229	0.067248	0.000681
5.587309	7.794476	5.501621	6.888283	6.184132	5.361367	6.821738	5.929364	5.205465
4.678507	2.770684	3.991896	4.231033	4.661323	3.588956	4.167094	4.044105	4.270322
5.314647	4.245039	4.727095	4.2777	4.713175	4.464455	5.678816	5.223208	4.31922
1.241541	2.867384	2.334355	2.475937	1.659482	3.240401	1.683287	1.487681	2.266373
3.252098	12.18993	4.323764	4.526423	3.988421	4.568497	5.014179	4.39017	2.168659
1.605474	3.348146	1.757011	2.228686	1.731774	2.643291	1.174776	2.130701	1.810941
0.192952	0.061716	0.635047	0.418907	0.527385	0.020693	0.366646	0.246406	0.007441
4.406485	4.377669	2.967563	3.949687	3.189965	4.303642	2.927962	4.875473	5.761043
0.137654	0.820826	0.193313	0.30199	0.161013	0.306698	0.295564	0.227068	0.130387
0.196115	0.049704	0.296708	0.148292	0.330733	0.264627	0.127521	0.201521	1.301393
6.768547	5.967006	6.261187	6.445188	5.910492	6.299001	4.65208	6.375927	5.966288
2.917294	2.715677	4.263415	4.57974	5.429354	4.408856	4.221143	3.160232	2.150761
2.036369	3.442515	2.750114	2.54226	2.314526	1.913176	3.083856	2.26538	2.673943
1.113963	2.082556	0.961895	0.70489	0.49613	1.524703	0.679257	1.020905	0.988279
6.795143	6.931971	6.311888	6.625299	5.265989	6.070826	7.600633	6.939711	5.723231
0.044963	0.376699	0.080959	0.048766	0.074771	0.070931	0.108995	0.13525	0.022929
2.744415	3.245133	1.767211	1.171109	1.224218	1.221958	1.875816	1.857506	1.491785

3.405979	1.337671	2.892478	2.411447	2.300761	2.256934	2.881557	3.0354	3.383845
6.342384	6.630715	7.716837	6.4635	6.235255	4.558404	10.70532	5.592607	5.996259
0.148225	1.03373	0.235985	0.339072	0.180168	0.270844	0.404899	0.115602	0.32977
0.162377	0.554884	0.215655	0.129118	0.110265	0.196142	0.110068	0.159214	1.985409
4.986304	5.299434	3.677197	4.305915	2.974258	4.172163	2.426566	4.515148	3.558916
5.404726	3.963742	5.987883	5.900856	5.883386	4.968314	5.456244	5.515838	4.059067
0.052409	0.135453	0.060088	0.086284	0.033807	0.122086	0.133716	0.159065	0.421749
10.03563	9.811327	9.167597	9.713993	9.294226	9.485378	8.38893	9.64808	10.374
4.450944	4.233692	4.330539	4.629766	5.313973	4.821394	4.944991	4.93159	4.552578
1.660519	1.743344	1.8303	3.939099	3.859301	0.861219	4.87836	1.481236	0.193492
7.136548	10.64953	5.403306	5.271842	7.776691	6.470208	7.167705	5.800124	6.598384
3.250334	1.638727	3.128483	4.344674	2.754979	4.145184	1.607499	3.044573	3.320442
3.907493	2.884436	3.654386	3.505208	2.969902	2.536189	3.845874	4.059452	3.246784
2.066063	1.67032	1.374488	0.820827	0.889496	1.385692	1.379503	1.444373	2.051461
0.047726	0.04408	0.072801	0.049442	0.045209	0.048979	0.059548	2.297031	0.573478
0.195819	1.067689	0.515065	0.883524	0.903346	0.451892	0.427064	0.265826	0.459762
6.704665	5.519952	5.52625	5.099971	4.05403	3.584245	5.198083	5.748974	4.138526
1.412595	3.826488	2.044998	3.979864	3.034227	3.503851	3.877047	2.614232	5.215896
2.503165	4.761867	1.540846	1.519712	0.762979	2.008612	1.994744	2.756609	0.984775
5.276444	4.550886	5.640055	5.663057	5.222041	4.228781	5.696571	5.1412	4.084108
0.766191	0.715197	2.725606	1.372784	3.397613	0.672109	3.172179	0.518358	0.134385
4.629561	3.773882	5.260828	5.006613	4.592002	5.95733	5.467383	4.385352	4.189334
0.895083	2.121147	0.738693	2.584033	0.789747	2.204335	0.667352	0.538934	3.026582
2.504177	4.167336	2.759716	3.605704	2.313151	3.033891	2.547328	3.136637	3.077329
0.852857	2.462515	1.538138	1.20745	0.694361	0.9634	0.819364	1.217765	4.142872
0.845138	0.486201	0.375825	0.772479	0.158045	0.220689	0.429552	0.790606	0.465287
4.073637	4.351269	3.815235	4.741794	5.130282	5.367894	3.735549	3.909883	1.449814
5.971653	5.213108	5.835248	4.565522	6.198013	6.051859	6.831805	4.974905	3.231055
1.702742	0.928219	0.803825	0.227555	0.400822	0.395749	0.713381	1.359045	0.22755
3.637742	5.870439	5.485682	5.538306	6.890851	3.287487	7.413728	6.017629	4.050202
6.866837	6.797591	6.6694	7.026593	5.249762	7.625285	7.623983	6.353296	7.116762
0.120839	0.106834	0.290528	0.404976	0.55	0.157935	0.154896	0.197637	0.48793
3.332185	2.292724	3.531112	2.645075	3.190771	2.818875	3.340982	3.040933	2.5234
3.222639	2.344296	2.655094	1.988143	2.110335	1.895062	3.211829	2.583912	0.324486
2.58558	2.383247	2.986238	2.329774	2.122105	2.116949	3.001973	2.51599	3.11034
4.523349	2.9478	3.815476	3.197683	3.686564	4.264667	4.83673	2.982279	1.045041
1.39611	5.168541	1.763413	2.976754	0.797161	3.900266	2.933245	1.394951	0.07168
1.956352	2.306738	3.021567	2.617896	4.307393	2.987212	4.034001	2.161131	-0.38426
4.094756	3.454119	3.35027	3.708013	2.784939	2.830968	3.207878	4.026688	3.171088
9.843891	9.429174	9.951871	9.484723	10.14405	9.360828	9.611951	8.27096	6.296501
4.588033	6.028139	4.744149	4.647575	4.333126	3.703459	5.478848	3.492172	5.594766
5.442668	2.932727	4.148539	2.969009	2.702184	2.270149	3.891149	4.720177	1.015636
7.006489	5.737022	7.194704	7.77164	7.695931	8.69219	8.867736	6.212827	6.558047
3.715963	3.528196	3.422584	2.579998	4.261867	6.536719	4.588002	3.56244	6.221813
3.172612	1.73751	3.199353	4.057705	3.20507	3.00008	3.627716	3.200734	3.552176
0.467819	1.144267	1.156944	1.529534	0.904864	0.736777	0.443274	0.901828	0.271227
2.981539	1.937616	2.83163	2.536844	2.918351	2.74378	2.993774	2.909964	3.824948
3.095129	3.013259	3.338962	3.885201	4.565829	3.499449	3.632275	3.825016	3.806777
3.704157	1.908371	3.439813	2.987883	3.635825	2.672096	2.408154	3.850508	4.759993
1.034026	1.835814	1.366692	1.595009	0.647074	1.753494	1.113859	1.406269	2.890219
4.635923	3.39784	3.137136	2.687463	2.060783	2.878344	3.595407	3.970544	5.222366

1.449513	1.027967	1.983321	1.779373	1.890174	1.802816	1.779934	2.071764	1.460308
3.059168	2.183284	3.304409	3.162125	2.113797	3.062645	3.042086	3.139049	3.600629
3.507748	10.22761	5.58805	3.631822	6.741892	3.463001	2.988892	3.22626	3.35201
4.586846	3.340353	4.121762	4.462337	3.461751	4.33266	3.330322	3.895393	5.623838
1.190351	2.812609	1.101742	0.953088	0.796454	0.955696	0.597912	1.478496	3.221123
5.06368	4.521279	3.989729	4.317372	4.062069	4.184689	4.01972	4.085421	5.105644
4.640846	2.873737	3.215935	1.887839	1.83429	2.225982	2.638265	4.558661	3.001181
5.181197	3.805865	4.383609	3.779412	5.183692	4.553357	4.965484	4.531942	1.539458
4.455898	3.697104	4.58587	4.777435	5.050193	4.818165	4.412409	4.874353	3.953086
4.126975	3.416477	5.105547	4.772075	5.812045	4.227828	4.660039	5.096794	4.190006
5.212918	3.234109	5.745154	4.91318	5.029939	4.842515	5.581929	3.743821	2.861078
4.701678	5.147326	4.770894	5.582932	5.023237	5.49649	4.152488	5.017313	5.658245
6.712491	5.47113	5.730676	5.340527	5.629733	8.215559	6.550772	6.508768	0.993879
4.722314	7.492364	4.19621	5.350756	4.432434	3.198068	5.449051	3.755768	3.194192
3.591653	4.930711	3.098462	3.930173	2.332246	3.167735	3.98995	4.018152	4.563664
5.293604	4.930072	5.923086	7.76331	6.446692	4.458892	6.537493	5.797143	5.386819
2.998004	1.165865	2.941206	2.100906	3.469909	2.19579	2.722083	3.198953	2.43649
3.20731	2.93405	2.321916	2.467145	2.775922	2.769763	3.214674	3.230791	2.575556
3.496964	3.468887	2.484267	3.018257	1.768167	3.069137	3.897514	2.051194	0.85884
3.123873	6.241953	2.409307	2.625083	1.290617	2.804821	4.673816	2.759589	3.218004
0.787572	0.079149	0.600673	0.648996	0.882162	0.316422	0.285816	0.650074	0.100358
3.856696	3.744061	4.90695	5.421949	4.50101	4.974953	4.062223	5.667877	4.862312
4.017729	4.419623	5.287473	4.136119	4.705532	4.506675	5.513253	3.808032	2.312766
6.039168	2.88345	5.750474	5.284978	5.633633	5.302425	5.364439	6.081352	5.340566
-0.14226	0.216192	0.288945	0.192527	0.733758	0.120445	-0.03036	0.138553	-0.0819
1.934908	0.688641	1.277003	2.406062	4.228257	1.718166	2.905157	2.078803	0.545311
2.955247	3.447697	2.986012	4.352435	3.055925	3.798565	2.678593	3.938773	3.363579
6.108842	5.224074	4.898044	3.51414	4.908224	5.1074	6.087405	5.963308	1.142607
1.339491	1.810018	1.634886	2.569956	1.256379	1.694424	1.498873	1.500707	3.462413
3.114189	2.752317	2.929883	3.286862	4.112947	3.859891	3.471932	4.151179	2.791939
6.59241	7.752891	5.894481	6.635392	5.71589	6.423194	6.153359	5.834086	9.101555
3.151473	1.662107	2.988109	3.148365	2.675034	2.392636	2.696168	3.930685	2.205588
0.456778	0.334836	0.667252	0.683457	0.343521	0.710091	0.352171	0.644726	0.853064
4.288182	4.633607	4.631707	4.37932	3.994069	3.560281	4.675928	4.907324	5.674678
5.028003	3.842235	4.03411	3.141039	3.548692	3.127107	4.100254	4.758643	3.938693
2.036465	0.955758	4.374939	3.852152	5.017576	1.512092	2.784598	4.150286	0.290544
2.41102	3.170498	1.514459	1.387328	2.142615	1.935612	2.3616	1.651031	4.48757
0.117237	0.136745	0.152795	0.294878	0.067313	0.15708	0.245532	0.315692	4.474092
6.547025	6.332506	5.096039	5.98881	4.138917	4.448831	4.900357	6.011269	6.128301
6.315956	6.64576	5.489026	3.975603	2.638262	3.716676	6.995711	5.428387	1.524445
6.18002	5.065608	5.150777	4.795068	6.570837	6.004363	5.769486	7.289172	8.012477
4.307801	5.100505	5.640178	4.687171	5.743381	7.375035	4.242895	5.371024	3.458953
3.286263	5.19835	3.558611	4.808412	2.167529	3.895514	3.220114	2.675473	3.269935
2.921065	2.723336	3.319096	2.850203	2.878436	3.065874	3.765002	3.708757	4.27963
3.62027	3.066438	3.300147	3.976315	3.17772	3.317758	2.652962	3.590268	3.816894
0.144806	0.057308	0.455224	1.114781	0.122985	0.456556	0.571307	0.670203	0.175891
0.509669	0.322539	1.650128	2.318151	1.050643	0.377877	0.697182	0.238326	0.450404
0.836245	3.817613	2.012359	1.352596	0.350106	0.821363	0.254174	1.421384	4.967623
4.714368	3.091676	1.832336	1.65057	1.603133	0.835617	2.464208	1.367327	1.01982
6.418097	6.858453	5.949644	6.209704	7.080161	7.331023	6.932286	6.006882	4.751488
3.232245	3.285493	3.193506	3.38134	2.852917	3.549169	2.983531	3.267646	2.961905

3.862634	4.389846	4.058356	4.814441	4.49534	4.320587	4.668343	3.590182	4.941935
2.791139	3.384979	3.292312	3.9296	3.263678	3.46367	3.194669	4.197237	5.082862
3.962106	2.471631	3.566811	4.822714	2.715002	2.792715	2.682353	4.210322	1.436663
3.360978	3.465396	2.757755	2.447217	3.11834	3.055157	3.932927	2.915148	2.610102
5.796622	4.168563	4.473397	5.664295	3.216378	6.356086	5.341832	4.352517	4.584544
4.681834	2.320152	2.607829	2.982946	5.989838	5.920497	4.443497	4.699271	4.272331
2.031963	1.825287	2.45502	2.263411	2.032751	2.660296	2.478711	3.024319	4.59355

TCGA-VW	TCGA-DH	TCGA-HT	TCGA-DU	TCGA-S9	TCGA-HT	TCGA-FG	TCGA-HT	TCGA-HT
1.349603	1.110922	1.089306	0.627299	0.609809	0.593192	0.748901	0.866391	0.777222
0.437129	0.766677	2.273077	1.890612	2.119236	1.185351	2.137015	2.657545	1.306892
6.051984	5.215748	4.381695	5.555931	4.111176	5.70216	5.042927	5.344578	6.820185
2.271903	2.958268	6.621826	3.196117	3.151814	4.664262	5.516257	2.917372	4.041835
0.666106	2.387156	1.165983	1.701462	1.069161	0.233249	1.302827	0.841237	0.832131
9.362727	7.709622	6.859018	6.282246	6.770116	7.323214	6.775325	6.942289	6.801516
6.802858	4.700987	5.900279	5.911221	5.533331	6.198432	6.315293	6.396409	6.068439
0.679573	0.682267	0.570631	0.876768	0.647841	1.221003	0.848377	0.74397	2.186469
0.441613	-0.03228	0.005567	0.170285	-0.05365	0.130484	0.196281	0.17525	0.317116
7.231399	4.507604	4.520384	5.937349	6.277886	5.378722	5.651752	4.95589	5.906068
5.892907	4.577638	3.69627	4.424777	6.015826	5.166191	4.611388	3.160332	4.299602
3.360277	2.1406	3.261203	3.317897	2.952526	2.732733	2.862379	2.680701	3.193903
3.973178	1.478374	2.819859	1.958603	1.305352	2.267969	1.924828	2.478227	2.111716
2.709058	2.558071	4.200693	3.384139	2.742683	3.171189	3.012266	4.454016	4.007178
5.168081	5.371693	5.903693	5.785582	4.500216	4.593143	5.437566	5.196794	4.956413
3.282962	4.24479	3.96283	4.122112	3.113078	3.071637	2.78899	2.930255	3.920818
1.007416	1.254988	1.651972	1.231014	0.951127	0.948462	0.923903	1.334965	1.140933
9.394511	7.980517	9.061038	8.510118	6.508896	8.440946	8.165662	8.869479	8.36242
5.291701	5.645032	5.393952	5.230021	5.574874	3.308945	4.927748	5.192122	4.897082
4.053853	4.784812	4.685119	4.293999	4.09522	3.079025	3.920382	4.518141	3.551743
4.085123	4.151466	3.314442	3.044484	3.513301	2.608994	2.833453	2.853935	3.678173
2.408948	3.035738	2.726973	3.075161	3.063945	2.849576	3.861966	3.762173	3.214308
3.381868	3.56698	3.051537	2.924776	2.629534	2.739127	2.608036	2.760199	3.299571
1.248341	1.203992	0.579502	0.774546	0.348695	0.732113	0.281476	0.528104	0.577326
3.893035	4.312304	3.285448	4.356608	3.196294	4.20674	3.229439	2.75814	4.000605
3.075223	4.179902	4.228536	2.842884	2.710002	2.32189	3.443846	3.180158	3.756899
2.265456	0.695861	0.856622	0.820289	1.056903	1.058243	2.241058	1.126698	0.773188
5.46629	4.527286	4.314157	5.432679	4.603173	4.278069	4.842463	4.360695	3.973729
2.614343	3.556664	2.996922	3.521645	2.182667	3.688612	3.803482	2.367686	4.357527
5.284152	4.865192	4.33311	4.511501	4.42245	4.626665	4.733948	4.159939	4.287982
2.283349	2.670789	3.095697	2.459545	3.44581	2.626567	2.56045	3.584572	1.708221
9.202054	4.391826	3.603318	4.441552	4.196224	5.534875	4.801116	4.540883	5.990772
6.439654	5.424658	5.817043	5.153169	5.206795	4.822962	4.816512	5.242656	5.094022
5.850903	2.463152	2.88119	3.621738	2.589442	2.055901	2.712768	3.288416	2.701699
4.421795	2.422663	2.9008	3.299925	2.228411	2.986607	2.150654	1.992124	3.356463
2.141894	3.098541	3.826868	2.900976	2.552105	1.609836	1.659739	2.312152	1.785011
5.27162	4.542135	4.609822	5.36931	5.115224	6.507768	5.113644	5.203789	6.152531
4.75991	4.05519	4.5276	3.393743	3.873028	4.273461	3.606027	3.792798	3.667883
5.413055	4.35615	4.878268	4.532453	4.784422	4.924625	4.298776	5.366368	4.890942
0.270114	0.163574	0.113107	0.094107	0.062234	0.073585	0.135935	0.075369	0.131174
7.47962	0.53078	0.557584	0.192135	0.333532	0.648556	0.209016	0.728976	0.501173
3.154962	2.008483	3.239354	2.643498	2.226527	3.399965	2.717259	2.833181	3.312418
1.310457	2.525466	4.258044	3.265556	3.282419	2.615299	2.945291	3.270817	1.807887
2.095694	0.341327	1.386757	0.984464	0.808855	0.494571	0.827019	1.303489	1.628181
0.694749	1.415115	0.965548	0.936444	0.362237	1.720265	0.621481	0.697734	2.011343
8.903801	9.607632	11.79745	10.00271	10.68501	10.89449	10.2466	10.72597	10.26564
4.884683	5.333839	5.265082	5.449011	5.639038	6.716077	5.526837	6.012359	6.888002
6.047613	4.054833	4.455672	4.923802	4.068671	4.31763	3.481933	3.674395	5.572112
0.874191	1.579101	0.898464	1.925627	1.11821	0.456389	0.803045	0.751915	0.51792

0.70683	0.710575	0.583299	0.964806	0.472038	0.747562	0.799594	1.279059	0.983944
0.715864	0.582253	0.550891	0.877114	0.716454	1.05456	0.787887	0.616214	0.539999
2.46292	3.369012	1.803054	2.669544	2.281609	1.608728	2.322611	1.794776	1.970095
4.86676	4.715259	4.371777	5.13334	4.616741	4.881664	3.881315	4.099664	5.248062
5.315505	4.420897	4.672436	4.997508	4.155768	5.463872	3.756308	4.782724	4.650828
0.063401	0.121232	1.514646	0.16379	0.212862	0.022438	0.08225	0.299596	0.157522
4.370978	1.489117	0.365546	0.447337	0.463092	0.750951	0.690134	0.650055	0.435294
3.249909	7.628513	8.118555	8.510408	7.07122	7.71446	6.406708	8.329261	7.936474
9.047552	10.3527	8.540927	8.426778	8.941087	8.217372	8.520968	8.126836	9.174797
6.880635	3.905772	2.952936	3.98075	4.568098	4.134225	2.999914	3.563219	4.703723
1.185398	1.570697	2.238578	1.200137	1.215584	0.959628	1.616875	1.601308	2.028776
6.259292	5.311553	3.417489	4.828435	4.403844	6.980697	5.795083	4.393089	5.905632
0.975057	2.200896	4.487531	1.749725	1.600297	1.677617	2.0103	1.846508	2.007797
4.835241	3.864205	3.078938	3.505331	3.189945	3.695649	3.540095	3.306035	3.54368
4.60466	1.953895	0.579549	0.852289	0.487049	1.287336	0.611131	0.665378	1.724541
8.538533	8.501202	5.622831	10.59245	8.344741	9.690215	8.864003	8.34859	9.431925
3.097065	2.825796	3.151869	3.893078	2.675399	2.500735	2.813993	2.601795	2.031662
4.530925	5.906607	3.575438	5.017315	3.766907	3.509625	3.857712	3.519867	3.2556
1.931731	1.346343	0.270625	0.438729	1.054103	1.334451	0.762987	0.805203	0.357523
5.574372	5.921165	5.242094	5.293875	4.901238	5.650216	5.344758	5.113249	6.143819
4.067659	2.881791	3.464795	3.791597	3.803199	4.002272	3.609842	3.232847	4.356101
1.149124	1.999283	4.49962	2.118809	2.820547	1.54125	1.777631	2.930975	2.1965
2.744519	3.587347	3.145232	3.874313	2.639765	2.075766	2.407325	3.040906	2.861335
6.18698	3.721768	4.415859	4.831837	3.034684	5.809809	3.903284	4.107516	6.373201
3.340086	6.535734	4.200949	4.825846	4.584099	6.153008	5.192861	4.566246	6.27768
0.696491	2.06945	5.9235	5.528546	2.878806	6.793832	3.728088	5.891176	4.280721
1.78455	1.877867	2.842673	2.084444	3.233726	2.9362	3.454024	3.827865	3.424548
2.451822	2.869465	4.790286	2.975074	2.575807	1.331027	3.12188	3.865303	2.407847
3.063012	2.874443	2.843027	4.128771	2.495324	1.715788	2.861515	2.50329	2.357055
3.838854	4.815497	3.377156	3.292968	2.445955	3.310611	2.980349	3.044416	3.760693
3.460384	2.143882	2.265374	1.733908	1.18102	1.725468	2.251527	1.813034	2.851502
4.836329	3.19541	3.12761	3.530957	4.517325	4.620013	3.556835	3.606668	3.368618
8.025152	6.785025	6.327886	7.338354	7.817328	8.495426	7.890528	7.298799	8.127933
0.983818	1.589639	1.032906	1.299412	1.027607	0.549879	1.110313	0.902039	1.066227
5.741695	5.896813	5.201771	5.689411	5.616305	5.934488	5.479596	5.096876	5.626354
0.320351	0.157572	0.187914	0.485397	0.543225	0.957508	0.785723	1.679193	0.900749
3.809664	3.407757	3.606606	4.260468	2.999886	2.494997	3.204786	3.237892	3.006357
5.633936	5.340705	2.594515	3.991348	1.551283	3.020806	2.883427	3.56612	2.732394
2.469623	1.861853	3.260794	2.379559	2.322685	1.478652	2.405906	1.965076	1.741567
3.874222	3.277767	2.872178	2.943747	3.119993	3.097407	3.274095	2.412717	2.832454
8.665981	3.159564	3.693242	3.968558	2.893132	5.285269	4.354109	4.103566	5.231922
0.304642	0.38895	1.991477	0.26035	0.290977	0.205076	0.18818	0.217471	0.252602
2.033042	2.862598	3.937183	3.190178	3.191419	2.959871	3.292373	3.821036	2.816868
0.561638	0.41839	0.090281	0.625723	1.487037	1.096441	0.909518	1.720497	0.237107
6.244334	3.352844	5.373025	4.028773	3.933744	3.476642	4.113463	4.450783	4.455664
3.213684	1.512219	0.863689	1.468256	2.959366	2.159437	2.542071	1.53462	1.374032
3.957001	4.04205	2.8622	3.979669	3.177457	3.619208	3.614702	3.113507	3.677529
2.516936	1.998329	2.845688	2.35562	2.299335	2.647295	3.034389	3.294889	3.148775
5.786136	5.950693	5.401456	6.750248	4.727249	5.508542	5.690571	6.454142	5.218882
1.308689	2.267377	4.916198	2.99362	3.015445	2.324979	2.835303	3.419053	2.220249
5.493499	7.688406	8.185158	6.058243	6.381334	7.295402	7.516265	7.258657	6.938468

5.70713	2.29736	3.199088	1.877994	1.446081	2.546914	2.784932	1.86655	1.608393
2.218588	2.557597	1.246759	2.037021	2.459033	1.821648	2.055561	1.407362	1.379637
4.360289	4.193565	3.627767	4.635815	2.596378	2.700168	2.842518	3.378933	3.254804
0.063047	0.30865	-0.00694	0.977257	-0.01725	0.051846	-0.00575	0.427143	-0.00399
8.508409	8.385285	7.974676	8.717022	7.651884	9.356571	8.452754	8.64391	9.185993
5.42949	5.849652	4.342782	3.99568	3.92776	4.142511	3.918446	3.955475	4.433509
6.981014	3.195282	2.588779	3.008284	2.800604	2.83154	2.284137	3.297971	2.516348
0.392721	0.579973	0.918671	0.825324	0.466839	0.385301	0.773702	0.587941	0.540303
4.202388	3.247709	4.65901	4.051016	3.034254	3.854429	3.875331	4.024006	4.902007
2.153461	3.077145	2.37205	1.923135	1.44542	0.8933	2.483779	2.420013	1.275359
3.154481	3.216831	2.155356	3.170753	2.515791	2.967463	2.390969	2.493783	2.741358
3.470471	3.767917	3.331864	3.555128	3.113469	2.200864	3.271574	2.295382	2.54055
0.214801	0.269244	0.074643	0.279165	0.075191	0.231225	0.135867	0.144981	0.32323
0.015431	-0.04829	0.50017	0.127809	0.163189	-0.06091	0.072143	0.385506	0.025131
3.251956	3.796843	3.883203	3.083202	3.923416	2.740687	4.184937	3.458013	3.907684
4.89966	2.170294	2.24001	3.739667	2.627674	3.870033	4.449706	4.34401	4.98696
1.554918	1.526321	3.485316	3.152449	2.27383	2.351596	3.386776	4.323722	2.303269
3.014013	2.673687	2.752347	3.55436	2.878382	2.641398	2.990777	2.635501	2.321376
2.762625	6.708067	4.84157	4.987558	4.257602	4.144008	3.193278	4.29215	3.896531
6.448511	7.113138	5.925291	6.711145	6.923581	7.41492	7.008158	7.612267	7.568823
-0.00758	-0.0159	-0.01321	0.264708	0.117522	0.037785	-0.05326	0.001823	-0.02743
1.640971	1.022755	0.933946	0.316785	0.674563	0.949601	1.1675	0.842346	1.323037
2.90202	2.644708	3.757461	3.647557	3.304048	2.343939	2.810291	3.004129	2.466438
4.700519	9.291416	6.853248	8.013549	6.291674	8.297237	6.907585	7.677518	7.860692
0.040646	-0.0102	0.384949	0.227894	-0.0033	0.08618	0.006985	0.110208	0.086614
0.501805	0.413007	0.96519	0.567963	0.092362	0.556152	0.583522	0.146366	0.749187
3.278702	3.743803	4.259569	4.582919	3.899501	3.723915	3.746768	4.689869	3.772875
5.436376	5.41215	5.624194	5.270435	5.36827	6.625537	5.639608	5.65733	5.984447
5.464638	5.810648	5.162262	5.468497	5.392071	5.667798	5.230498	4.250598	5.848659
4.02538	4.439259	4.554694	4.241955	4.093114	4.870335	3.776614	4.75484	4.725437
5.565034	4.669097	4.537764	4.229105	3.685663	2.825205	4.006113	4.029066	4.012814
2.905088	1.530957	0.563969	0.636988	1.299067	1.084157	0.993386	0.689507	0.827621
3.968177	4.889176	5.570718	4.658276	3.372737	4.086573	5.650974	4.624774	3.931821
0.032597	0.000681	0.007702	0.019608	0.017926	0.187476	0.016339	0.032774	0.081138
7.011766	6.768443	5.59406	4.875299	5.516948	4.816215	7.7442	5.439024	4.745169
4.430828	3.987394	4.577976	3.289038	3.799606	3.671749	3.528402	3.978995	4.222414
6.038954	5.164137	5.568683	4.112129	4.092469	3.424854	4.507584	4.987625	4.210086
4.896098	2.966719	1.537722	1.913759	2.901352	2.447384	2.966995	1.731229	1.799271
8.9785	3.875599	3.865905	4.693641	3.480008	5.347467	5.368929	4.682525	4.723371
5.568433	2.983042	1.327148	1.530896	0.608482	0.932934	2.770162	1.474973	2.65114
0.034413	0.072825	0.230437	0.448927	0.007441	0.944634	0.231467	0.34368	1.043606
4.492206	4.057854	4.141355	4.20248	2.069382	3.771002	4.934366	3.781741	4.12614
0.495331	0.447673	0.135906	0.335965	0.467211	0.261916	0.361341	0.153917	0.276053
0.026107	0.032961	0.38925	0.164871	0.054578	0.337446	0.469289	0.291318	0.518674
5.318306	5.67745	6.392981	5.551812	5.769152	5.5776	6.986219	6.588941	5.958223
2.404768	3.100322	3.320342	4.160536	3.991937	4.053169	4.498356	4.565436	4.242394
2.768927	2.267752	1.682924	3.242222	1.625582	1.683164	2.057968	1.793845	2.587367
0.482085	0.392376	1.42858	1.48984	0.655391	1.933666	1.422049	1.796779	1.416969
6.553566	6.434553	7.890745	6.633854	6.347702	5.950264	5.870022	6.625914	6.37672
0.141018	0.041946	0.075222	0.050369	0.012251	0.106998	0.070931	0.022061	0.05312
1.14465	2.682471	3.376616	1.525681	1.642298	1.08786	1.329705	1.621283	1.512246

2.272838	2.755875	3.066996	3.003069	2.485055	1.947612	2.860481	2.478522	2.351164
4.896055	5.358742	5.391903	5.69848	5.528547	5.60766	6.781185	6.73257	6.711202
1.555671	0.409627	0.335264	0.258884	0.305871	0.318801	0.576378	0.293023	0.675412
0.224132	1.577851	0.187472	0.398139	0.223352	0.068992	0.177538	0.207457	0.078298
4.467901	5.994625	5.284358	5.817322	5.040655	3.620436	3.602629	3.503179	3.92982
6.328121	5.085659	5.183777	5.74937	5.037568	5.983919	5.744037	5.431893	6.937881
3.883138	0.035479	0.105708	0.084215	0.139299	0.133821	0.501923	0.152166	0.057712
9.61867	9.028879	7.840579	9.861038	11.83772	9.216153	9.457925	8.028936	9.309017
5.977975	4.840775	4.570301	4.501575	4.647781	4.623139	4.839583	4.352772	4.371857
0.434614	1.072268	1.304002	2.342499	1.136116	1.284614	2.274153	0.465565	1.432193
7.690949	5.989184	5.906477	5.395595	4.991465	6.22266	6.461408	6.774507	6.06031
3.270048	5.157233	2.625844	3.039785	4.110607	3.119797	3.251297	3.103672	4.013399
2.186281	3.670355	3.86307	4.004848	3.556648	2.45785	3.800399	3.714542	3.088259
0.33103	1.120644	1.663006	1.352585	1.078797	0.68831	0.970091	1.337725	1.100729
0.04122	0.05297	0.061445	0.05864	0.085008	0.065398	0.056869	1.740747	0.156938
0.657026	0.654719	0.291255	0.282542	0.465427	0.61427	0.389607	0.334739	0.912985
3.680662	5.262133	5.474576	5.484368	5.655588	3.893577	5.030326	4.977078	4.329825
10.78797	2.615323	2.041812	3.873007	2.386621	4.016439	1.769037	2.469853	2.813528
2.504757	1.32864	2.959456	1.953545	1.706522	1.59064	2.744491	3.454015	1.129228
5.685152	4.683517	4.702295	5.106617	5.073637	5.827204	5.295276	5.788183	5.088949
0.277278	0.812998	1.605949	2.512528	0.133337	1.034698	0.672106	0.284064	0.869222
5.244567	5.238033	4.678136	5.230098	5.209433	5.334619	3.717118	4.556798	5.997422
3.055875	0.580968	-0.05626	0.44797	1.337512	2.114158	2.080218	0.768503	1.098615
4.339717	2.796642	2.579857	2.750621	3.418239	3.930516	3.068618	2.914717	3.438194
1.282898	2.643462	1.505147	2.519899	1.60534	0.800551	1.096251	1.103722	0.805242
0.704335	0.527865	1.329027	0.877129	0.336926	0.19535	1.068238	0.616961	0.424675
6.092435	4.627442	4.139406	4.285754	4.774724	5.182597	5.453102	4.4991	5.632124
5.657292	4.372622	6.429492	6.515163	5.421633	6.925058	5.937378	6.999425	5.507177
0.502443	0.580222	1.853482	1.032803	1.196011	0.687213	0.814273	0.879319	0.478791
5.153925	4.329382	4.76333	4.308006	3.637097	4.746678	6.600424	4.127673	4.351282
6.885836	6.012704	7.42203	7.028567	6.044484	6.760408	7.369325	7.656478	7.586227
0.478308	0.104499	0.081823	0.228881	0.137202	0.502724	0.809869	0.120153	0.305629
2.497432	2.960292	3.425186	2.925021	2.637328	2.840816	2.77851	2.883152	3.281702
1.846447	1.648104	2.361073	2.461589	2.307518	1.710547	1.933045	2.539981	1.222285
3.433036	1.54883	2.641277	2.900991	2.028787	2.234495	2.133601	2.575763	2.596779
3.181369	2.4502	4.331483	3.649953	3.308648	3.274518	3.84582	4.582349	3.850343
0.553622	1.316843	1.92876	1.421892	1.89813	1.492009	3.421021	2.291614	2.978458
3.749929	1.371707	1.951661	2.11617	1.379024	2.421155	3.489368	3.174324	2.822601
2.925657	4.384415	4.18841	4.566587	4.219307	2.598933	3.61405	3.783334	2.806441
11.96327	8.113406	9.295339	9.311933	8.341905	11.02473	9.580123	9.862541	8.935854
3.122912	4.383531	4.147448	3.816859	4.401259	3.474386	4.813728	3.924127	4.64674
1.004516	2.918621	5.802622	3.898925	3.751168	2.367616	3.453465	4.24012	3.214138
7.315886	5.363071	8.140531	6.99415	7.368705	8.729115	7.897656	7.851093	8.140103
5.153042	3.335228	3.491452	3.485536	3.474067	4.707833	2.461747	3.638376	3.975417
3.12852	4.155228	2.910532	3.707435	2.75045	2.762511	3.954309	2.682415	3.09349
2.240433	1.17628	0.507286	0.750008	0.461484	1.21996	1.436717	0.488863	1.655029
3.082012	3.359162	3.10317	3.305306	1.956658	2.22175	2.305799	2.675883	3.115222
4.573264	2.946108	3.673623	4.211546	4.010121	4.182929	3.554392	3.261223	4.530462
3.290963	3.364895	3.052232	3.971479	2.976921	2.496992	2.308417	2.922246	2.933784
4.111608	2.498688	1.894428	1.959815	1.175082	2.39147	1.637219	2.08951	2.296187
2.221268	3.745221	5.167398	4.407621	3.08332	2.096144	2.944554	3.085482	2.446044

1.141396	1.604544	1.969517	2.478735	1.883515	1.073437	1.540042	1.060509	1.043439
1.627195	3.57476	3.10792	3.049275	1.582357	3.586912	3.036062	3.392634	3.169671
4.432069	4.413777	3.256781	2.933567	2.986754	4.714289	3.0859	3.309553	4.385168
4.025151	4.401164	4.45541	4.108259	3.75383	4.745677	5.461374	4.169119	4.812146
1.160813	2.740061	1.438119	2.157937	1.389782	0.918453	0.938559	1.343954	0.736019
3.994143	5.07897	4.197254	4.65668	4.395992	4.957852	4.305147	4.208334	4.780107
5.146149	2.292143	3.353591	2.565871	2.322728	2.32923	1.850197	2.326938	2.069035
5.719927	5.599436	5.444606	5.404815	4.459957	4.590701	3.982652	4.413425	4.154732
4.934476	4.684885	4.397524	4.948346	4.323014	5.457465	4.485256	4.944295	4.744464
4.07983	4.377279	5.362441	4.684713	4.072822	3.798907	4.685598	4.823645	5.198712
4.735671	4.331353	3.86487	5.040458	4.342188	4.88766	4.535375	4.539971	4.704959
7.622758	4.877047	4.720139	5.376252	5.828267	5.988558	5.054657	4.541398	5.507979
3.840981	5.262944	7.891704	7.407567	5.785331	9.15495	6.980504	7.995665	6.876067
4.666056	3.595415	3.85336	5.348281	4.148606	2.858758	5.066799	3.423615	3.425465
4.536446	4.053058	3.736299	3.137344	3.238248	2.528897	4.308379	3.591764	2.564481
8.318821	4.21649	5.448684	6.391027	5.527861	6.651007	7.103864	6.080801	5.967154
2.266339	2.761404	2.338819	3.252641	2.316841	1.394529	1.893356	2.283683	1.739947
2.511953	3.287178	3.228367	2.425549	2.148018	2.47768	2.259168	2.743823	2.391018
2.81245	3.124842	3.108127	2.425572	2.501115	2.861326	2.571415	3.042743	2.246046
1.813496	1.91909	3.312922	2.029258	3.007163	3.810657	2.331474	3.04111	3.088645
0.087191	0.562185	0.636569	0.466507	0.141864	1.236147	0.158237	0.175215	1.209934
6.273417	5.225095	4.532523	6.0383	5.46245	4.588919	5.520198	4.794548	5.006406
4.729233	2.910646	4.353879	5.223867	5.114897	4.96712	4.733736	5.949725	4.709091
5.845278	5.046955	6.65342	5.911577	5.40661	4.887497	5.221464	5.593036	5.596478
2.840763	-0.14226	0.150661	0.070942	0.076061	0.125955	-0.00866	-0.0321	0.231095
3.213601	1.778124	1.219047	1.31514	1.219406	2.197247	2.503302	2.8068	2.334801
4.154366	3.933642	2.983742	4.043226	3.741696	4.525731	3.675945	3.265773	3.389527
5.047657	3.498894	6.220748	3.867581	4.599531	3.853371	5.062437	5.90116	3.474518
2.037506	1.54952	1.481039	1.724986	2.261429	1.941573	1.936252	1.372698	2.052248
3.493746	3.925074	3.060455	3.549455	3.780936	3.66477	3.381815	3.378148	2.368122
6.147753	7.371795	5.937827	6.930082	6.711417	6.17586	4.435023	6.047416	6.397585
2.598353	2.928718	3.594106	3.48076	2.549461	1.781234	2.293512	2.978908	2.519554
0.719118	0.554314	0.432276	0.58337	0.633578	0.389338	0.905211	0.554587	0.494124
4.840843	4.885395	4.445382	5.09588	3.836139	4.809242	4.108087	3.938254	4.606195
3.237366	4.303345	5.344538	3.764313	3.834332	2.435366	2.407807	4.064238	3.396528
1.513705	2.444623	3.097208	3.447501	0.795747	4.837843	2.351172	2.461481	5.840463
1.042206	2.771988	2.457318	2.125808	1.351671	1.773484	1.957735	2.00708	2.104656
0.201968	0.062977	0.04662	0.285593	0.029041	0.016725	0.071976	0.132865	0.390387
4.585148	6.367738	5.907824	6.772547	6.559	4.635429	5.727122	5.77449	5.019454
2.132752	5.113293	4.192038	4.830668	3.983582	4.748937	4.573558	5.69175	4.150624
7.696088	5.780898	6.806892	6.576896	5.305243	5.480423	5.633971	6.689366	6.375605
4.631695	5.232871	4.360019	5.130378	5.288957	5.765717	4.96742	4.847585	4.575328
2.78591	4.497345	3.544961	2.737126	4.047561	4.378343	3.138445	2.922571	3.141025
3.129594	3.721093	3.399168	4.160871	2.74283	2.505961	2.530424	3.360251	2.378829
4.039964	4.032831	3.306989	3.026083	3.760746	3.365788	3.812276	2.981499	3.380387
0.158525	0.014204	0.721004	0.302402	0.460366	0.448418	0.921701	2.733855	0.88715
0.099094	0.990464	0.309603	1.16856	0.259506	2.742276	0.319571	0.608196	3.792881
1.025927	3.484895	1.835102	3.134871	1.800664	0.299097	1.102568	1.267951	0.504759
1.18633	2.040584	2.754154	0.808205	0.79777	1.317285	1.035786	1.433306	1.180541
8.431352	5.714203	6.228687	6.082967	6.311606	7.010184	6.658866	5.95916	6.450434
3.912196	3.13621	3.648812	3.738687	3.370629	3.946414	3.437442	3.671528	3.450184

3.938679	5.03138	3.916911	4.420388	3.851658	4.531355	3.837842	3.872948	4.677164
4.519447	4.566971	3.020231	3.843423	3.425742	3.216146	3.983659	2.661118	2.930447
2.571992	2.64015	3.322889	4.138131	4.146375	2.978744	4.461621	3.376321	2.588236
3.530998	3.910977	3.222267	3.502195	3.657528	1.948939	2.939909	3.094789	2.776624
3.281652	4.55343	5.169817	4.584164	4.385168	5.80836	5.343603	5.582868	6.117125
5.159804	5.342442	4.394022	3.716187	2.659003	4.283454	5.793403	5.481885	4.846986
2.127072	3.161471	1.950208	2.47786	2.039448	1.939117	2.142328	1.870706	2.053473

TCGA-HT	TCGA-DU	TCGA-HT	TCGA-HT	TCGA-HW	TCGA-HT	TCGA-DU	TCGA-RY	TCGA-P5-
0.524054	0.91121	0.38133	0.620542	0.571824	0.820411	1.695828	0.916444	0.555388
1.95382	2.034926	0.926485	1.62399	2.317955	1.774857	2.532783	1.890674	1.946978
6.552516	6.281104	7.546263	5.059577	5.134091	5.427334	5.950405	5.116566	5.938856
2.746873	3.770977	5.887939	1.825257	2.595315	1.531934	5.558621	0.761458	2.439036
0.665906	1.08624	1.424186	1.508981	1.199838	0.542046	0.279074	1.348622	0.496631
7.787306	5.915695	5.959032	5.903274	6.861858	6.775894	6.685146	6.4428	6.930743
5.592611	6.701298	5.768906	5.205533	5.845089	6.188406	7.385681	5.257179	6.660912
2.165358	0.81944	3.714667	0.768276	0.742323	0.985	0.560643	0.691843	0.580644
0.285815	-0.03363	0.27268	0.153684	-0.02845	0.203553	0.092706	0.149927	-0.09547
5.726063	6.436258	5.58798	4.738504	5.475896	4.731384	4.390117	5.167918	4.177868
6.111948	3.884687	3.881603	5.092928	5.021713	6.136519	4.726193	4.524827	4.777927
3.830889	3.328755	3.906028	2.380885	3.298777	2.857933	3.143654	2.975903	2.13915
1.911668	1.669257	1.580384	1.527852	1.41004	1.392659	3.058346	2.09026	3.225468
3.250161	4.342909	3.319794	2.363213	1.713511	3.164656	4.502592	2.094454	5.058068
4.948128	5.518416	3.733222	6.257776	5.626779	5.073322	4.436701	5.147289	3.954771
2.955863	3.942386	2.173763	4.115849	3.139687	2.941311	3.136274	2.929143	2.151628
0.491014	1.172249	0.585241	1.443409	1.143472	0.875875	2.641929	0.657808	1.646502
8.447938	8.160814	8.058492	7.610735	7.855128	7.588804	8.607804	7.854568	8.671504
4.684872	5.576708	3.397497	4.920564	5.289678	4.122923	3.194069	5.474543	3.958212
4.482	3.987081	2.988354	4.040727	3.383231	3.543674	3.257733	4.166559	2.009158
2.53249	4.393868	2.101029	3.861092	3.403677	3.464674	3.272983	3.861657	2.855821
3.811935	3.111746	3.369273	3.159105	4.505493	3.273107	2.589812	4.312778	3.857282
3.545398	3.11209	3.444821	3.113433	2.746838	2.36639	2.457304	3.138764	2.261034
0.409575	0.32858	0.402688	0.661484	0.327642	0.485794	1.018403	0.410474	0.21014
4.035234	3.653672	4.117637	2.68	2.534453	2.772422	3.857065	3.237925	2.959932
1.381513	3.885082	1.630894	3.093181	3.315164	2.468759	4.664998	3.402361	3.407735
0.528397	0.768633	0.613364	1.455963	1.783372	1.428915	0.998557	0.880943	0.706844
3.565327	4.613136	4.179028	6.044884	5.333643	5.34615	4.306318	4.870447	3.615142
4.472968	2.562544	5.399006	2.216838	2.140582	2.502316	2.190197	2.748083	1.978949
4.050484	4.230558	4.10353	4.180215	4.70074	4.591546	4.208728	4.515555	3.992999
2.260583	2.589788	0.892059	2.276593	2.308404	2.781389	3.927287	2.542782	4.274155
5.630489	5.518366	6.064954	3.863359	5.007852	5.562455	3.700997	4.877798	3.937654
5.877387	6.247171	4.610843	5.196075	5.073584	5.188142	3.598159	5.103811	5.232406
2.473621	3.50871	2.699887	2.653342	3.018866	2.851423	2.833289	3.009857	2.36034
3.958804	3.460212	4.606768	2.14566	2.159719	3.543848	4.325371	2.558421	2.078466
2.00169	2.630325	1.096291	2.935736	2.690882	2.224272	2.548494	2.807069	2.013943
6.436616	4.756622	6.922471	4.961297	5.55012	5.659491	5.119863	5.205516	4.811147
3.240593	3.82011	4.142935	3.196387	3.385126	3.757691	5.65632	3.593708	4.577802
5.079221	5.259798	4.930798	3.846533	4.506571	3.83343	6.296216	4.589447	4.424949
0.08674	0.191922	0.069497	0.09307	0.102017	0.090042	0.229415	0.075779	0.236178
0.508676	0.297589	0.719251	0.440104	0.553456	0.381983	1.262018	0.765085	0.473908
3.026187	2.156984	3.971316	2.626088	2.007645	2.928085	3.375855	2.724608	2.541654
1.799032	2.048398	0.925206	2.360744	2.102632	2.926687	4.909182	2.630203	3.164879
0.84942	0.239058	0.587582	1.452688	0.986735	0.67998	0.645163	1.463126	0.98473
1.92091	1.271749	3.096212	0.317149	0.594217	1.288874	1.57621	0.994979	1.815731
9.75669	10.55747	9.26278	10.05393	9.390601	9.691064	14.56035	9.810108	13.06783
7.11802	6.468025	7.68289	4.327908	6.211215	5.925676	4.191105	6.293182	5.831686
5.231487	5.670673	5.951537	3.380958	3.842908	3.10365	3.915022	3.916124	2.219207
0.390751	0.450721	0.480574	0.665313	0.7516	1.045526	0.729355	0.766719	0.328225

0.929899	1.266597	1.246301	0.67035	0.785067	0.555894	0.956608	0.836959	0.818406
0.548594	0.358546	0.536049	0.790679	0.651894	1.233712	0.930861	1.374054	0.25066
2.57208	1.508484	1.838955	2.550371	2.048805	1.551804	1.30531	2.523142	0.84595
4.706974	5.06544	5.252209	3.714983	3.753357	3.172838	4.046349	4.27809	3.365568
3.792635	5.166609	3.44308	4.37285	3.233715	3.399576	5.238425	4.066869	3.823409
0.092726	0.119156	0.083547	0.122734	0.225927	0.063572	0.454031	0.098184	0.176609
0.992308	1.505532	0.513035	0.694014	0.526033	0.765793	2.558108	0.500081	1.657776
6.094039	8.586311	7.077158	8.32692	7.172312	8.006163	8.570333	8.517915	6.074288
8.987772	9.255632	7.977414	8.463543	8.058731	8.514353	6.463986	9.554597	8.684799
5.052519	3.66733	5.585543	4.636728	3.39116	5.014978	3.371627	4.715588	2.705969
2.270466	3.081855	1.516437	1.522925	1.842184	1.564849	4.844281	1.326928	1.579461
5.779794	4.013125	5.818728	2.991292	4.358108	6.570673	5.243193	5.92692	6.275167
1.523361	1.570217	1.230487	0.649324	1.874644	1.358723	5.017211	1.146343	2.741985
3.524532	3.178283	4.160044	2.719436	3.311031	4.220232	3.172958	3.220198	3.130068
1.072792	1.078394	1.394512	1.012271	0.660999	0.950696	0.783617	0.712344	1.049316
8.649743	11.31205	9.44033	10.25223	6.859963	10.57006	7.892429	10.11312	8.928752
2.647052	3.16407	2.922873	3.639388	3.12054	2.559145	2.967994	3.148124	2.132793
3.719231	4.050552	2.895416	3.813163	3.887766	3.293484	3.244684	3.656403	2.963252
0.412015	0.232266	0.743695	1.198289	1.332545	0.975549	0.984726	1.053892	0.469033
5.911858	6.472764	5.748267	5.1293	4.638776	5.117449	5.513032	5.407946	4.605149
4.701715	3.861167	5.577569	3.151126	3.598073	3.313582	2.901686	3.738255	2.86974
1.756818	2.370467	1.166772	2.449717	2.253287	1.810164	4.61189	2.703035	3.361957
2.798441	2.700133	2.803981	3.374039	3.146725	2.503331	2.832216	2.370968	2.464526
6.123805	4.676821	7.565532	2.714217	3.676134	4.779707	3.9597	4.439782	3.922289
6.454245	3.798561	6.728994	2.625682	2.1793	5.44521	5.683773	5.633456	4.798655
2.069168	2.531385	4.829773	4.454906	0.875103	2.447816	6.212124	2.1505	2.960723
3.148561	2.625294	2.582701	2.847426	2.717825	3.48193	4.447321	3.309594	4.945581
1.983284	3.975024	1.175753	3.437334	3.623881	2.550137	3.693864	2.29709	3.154997
2.673786	2.92268	2.38711	3.263673	3.14062	2.310898	1.811579	2.858284	1.395362
4.067294	3.667689	4.656226	3.137174	3.44991	3.147882	2.379127	3.330569	2.488978
2.000045	1.388249	3.192925	1.365817	1.064984	2.205356	1.828866	1.745929	2.200933
3.17164	2.711542	3.318427	4.475936	4.283372	4.958154	4.189683	4.222344	3.273695
7.818981	7.527598	7.590413	6.104137	6.413767	6.279501	8.626454	7.372469	8.805096
1.651406	1.336164	1.884094	0.764312	1.152441	1.134658	0.570331	1.541632	0.58361
4.965848	5.635922	4.195106	4.907102	5.660606	5.746321	5.252225	5.788285	5.16413
0.7016	1.399271	0.955304	1.226194	0.361426	1.603545	0.297263	0.436273	2.097454
3.067029	3.789319	2.309564	4.140102	3.961435	3.138231	3.107877	3.279404	2.618132
2.303232	2.464144	1.792883	2.649666	3.002873	2.597254	4.733077	4.090319	3.655616
1.327476	1.991989	1.873372	2.106157	2.524817	1.992506	3.253601	1.642948	2.170789
1.774768	3.084624	2.248916	2.568118	2.945577	2.970539	4.715719	2.799286	2.961531
5.209819	4.918893	4.559573	3.236449	3.843899	3.323285	5.368748	3.130441	3.555378
2.122744	1.021547	0.785007	0.360296	0.63861	0.160929	0.673236	0.183527	0.387011
1.800764	2.549293	1.254963	3.850406	2.692915	3.388839	6.202809	2.772585	5.312488
0.318962	0.021163	0.766228	0.242419	0.165568	0.83667	2.375383	1.165746	1.091941
2.845364	4.625099	1.881071	3.99027	4.293516	3.765756	6.705431	3.511273	5.287805
1.325738	1.052894	1.611321	4.409127	2.207691	3.848173	2.107308	2.274237	0.972095
4.435012	2.981651	4.657647	3.855873	3.918734	4.538598	3.379743	3.674209	2.955629
3.46731	3.328356	3.119685	2.66205	3.728367	3.050259	3.449649	2.890817	3.723695
3.709578	5.166428	3.962801	6.505438	5.745742	5.438956	7.32791	6.048815	7.122209
1.509502	2.362677	1.265229	2.960569	2.504343	2.708632	6.100085	2.677745	4.128259
7.000682	6.906281	5.654668	8.350311	7.13265	7.216042	5.193719	7.578221	6.934245

2.897745	3.985161	2.352934	1.106467	2.796495	1.205442	3.997594	1.255759	2.196257
1.757813	2.127164	1.584586	3.15414	1.998251	2.654985	1.671117	2.673778	1.468025
0.93906	3.432251	2.626211	3.826203	3.240814	1.666333	4.132777	2.949363	1.96038
0.087677	0.452179	0.040581	0.011839	0.569114	0.052137	2.021945	0.383134	0.008726
8.714358	9.439544	9.305004	6.929172	8.480142	8.781212	8.031381	7.986126	8.42656
5.397366	3.843141	4.599507	3.083425	3.527551	5.138912	4.422741	5.278051	5.176343
1.924988	2.18943	2.260691	2.629673	2.449606	2.79702	3.290411	2.982122	3.221497
1.586194	1.282712	0.798655	0.481717	0.553518	0.568892	1.790458	0.361575	0.741885
4.404376	3.967242	3.684185	5.112124	4.734952	3.475595	2.537065	4.400976	2.319764
1.170059	1.103468	0.93164	1.165791	0.909422	1.356339	3.587444	1.542163	3.086349
2.693966	2.599889	3.799788	2.884219	2.390098	3.008902	2.819676	2.631075	1.872452
2.62962	3.22963	2.428879	3.284213	3.500115	2.681294	2.890284	3.04672	2.459543
0.374138	0.150908	1.225232	0.156876	0.250424	0.272845	0.009866	0.208279	0.057962
-0.04311	0.012384	0.10429	0.089072	-0.03418	0.219371	0.397342	0.093618	0.073276
3.586939	4.380101	3.345828	3.946748	4.136754	2.999373	3.112384	3.379114	4.420888
2.456476	5.303743	2.464362	5.036165	4.388132	4.513117	4.083604	4.399917	4.772681
3.108749	2.990286	2.05965	3.981712	3.886287	3.672814	2.597292	3.959341	3.484807
3.343456	3.104228	1.996242	2.995091	3.245749	2.601317	2.271854	3.307511	2.008215
3.042152	3.166159	3.432013	4.071302	3.462438	3.312641	4.417586	3.834355	3.386843
8.042381	7.707114	6.633423	6.450754	6.54255	7.460498	6.647875	7.206194	7.628966
0.154997	0.001492	0.194333	0.003567	-0.01362	0.348904	0.059603	-0.0106	-0.05326
0.604844	0.532066	0.777686	0.530148	0.426783	0.409875	3.526921	0.961782	0.66932
1.768078	2.607224	2.098169	4.240489	3.615341	2.737257	2.86363	3.326746	2.265847
8.04156	7.319836	8.526055	7.035812	6.00703	6.340856	6.823815	7.03873	6.163313
0.163139	-0.00538	0.014423	0.066342	0.109963	0.170388	0.106249	0.646212	0.034073
2.201036	1.209787	1.296239	0.06564	2.952491	0.366789	1.307068	0.462465	0.288055
5.4935	4.007525	3.56473	4.919024	4.288852	4.131527	4.28286	3.271455	2.826988
6.540716	5.76838	7.179826	4.605401	5.432435	5.10909	5.850188	5.439193	6.594316
5.629788	4.819107	5.981852	4.898996	5.014338	5.41401	4.542659	5.531006	4.727559
4.851521	4.28137	4.766081	5.022056	3.886138	4.430823	4.130609	4.328882	5.025778
3.983892	4.67345	3.498523	3.776057	4.217576	3.797767	4.365362	3.641763	3.86715
0.658069	0.903818	0.68565	1.042239	0.743708	1.145266	2.212466	0.806835	1.552371
5.559387	5.70433	4.78144	3.164017	5.660073	5.214003	6.97162	4.205443	4.310274
0.118696	0.045252	0.335193	0.000681	0.000681	0.056556	0.000681	0.023066	0.018444
6.377999	6.175514	5.052589	4.394554	6.45806	5.284424	7.303478	5.730885	5.727845
4.19701	4.316931	4.251049	4.2787	3.997909	4.268421	3.95393	4.150687	3.668185
3.73773	5.042958	3.084471	5.281403	5.025105	4.348083	5.073724	4.288931	4.573163
2.129753	1.753745	2.197071	3.715094	2.993479	2.676451	1.655543	2.826904	1.760704
4.483412	5.214937	4.936568	3.509031	4.148102	4.42274	5.122314	4.351017	4.613006
1.566373	2.84322	1.337596	1.532586	0.952341	1.232888	1.642084	1.574032	1.214985
1.051825	0.240679	0.991224	0.051985	0.01919	0.163833	0.057333	0.48075	0.12412
1.231478	4.077026	2.136054	3.370643	1.753027	1.990145	4.133882	3.847921	3.052549
0.331727	0.470329	0.20063	0.301281	0.344408	0.263413	0.223904	0.436818	0.195942
0.134258	0.220832	0.647414	0.148716	0.077509	0.171025	0.917626	0.263804	0.129723
6.367223	4.970543	6.025117	5.414843	5.431045	5.770034	6.357805	5.602655	7.633441
4.279033	4.291877	3.473066	4.883048	4.592853	4.037702	3.61801	4.561222	3.266517
2.408674	2.489944	3.372869	2.638843	2.745464	2.887328	1.623186	2.190915	1.959044
1.405884	0.975738	1.781121	1.893819	1.624915	1.105498	2.158465	2.406073	0.843911
7.654087	7.69808	6.253993	6.45626	6.081384	6.378083	9.027198	6.263494	6.821259
0.094576	0.160988	0.083901	0.091325	0.033322	0.048655	0.042321	0.079244	0.306759
0.940132	1.733682	0.942225	1.497177	1.443753	1.086129	4.578817	1.108139	2.026369

1.692817	2.898283	1.822836	3.872796	3.269373	2.466438	2.544506	2.687828	2.572139
5.731073	6.219603	5.463927	5.237694	5.738888	5.773428	6.893978	6.138999	8.388087
0.294606	0.246428	0.739677	0.295326	0.2952	0.10572	1.635621	0.503794	0.406318
0.161908	0.119409	0.115517	0.24302	0.164023	0.115753	0.524997	0.172098	0.085345
3.258086	4.990266	2.175932	5.225282	4.526846	4.071979	4.367604	4.647196	3.339331
6.957544	5.988933	8.129954	5.613173	5.268905	6.117945	5.162334	5.831138	4.988044
0.081267	0.10576	0.056335	0.143322	0.361211	0.393665	0.098179	0.087332	0.082507
10.93119	9.128997	7.466415	9.757403	10.35947	10.69978	9.686579	9.399882	9.711513
3.669894	4.431974	2.81717	4.713276	5.147929	4.839718	4.484067	4.34477	4.557861
2.562543	2.332553	1.908717	0.730089	5.042324	3.0369	2.54255	1.140635	1.322954
5.653671	6.135788	5.43852	5.941557	5.099386	7.065276	9.020945	4.763061	9.097296
3.576469	3.364487	3.326857	3.711899	3.579809	4.142991	2.958195	3.715261	3.280662
2.991604	3.686422	3.716796	3.928808	3.955278	3.625029	2.862224	3.751713	3.027007
1.009378	1.236372	0.847404	1.468091	1.494197	1.638427	2.408339	1.489389	1.742676
0.051803	0.039591	0.081318	0.223797	0.148921	0.173901	3.247245	0.164439	0.12969
0.890385	0.527795	1.628095	0.620903	0.995037	0.797604	0.27544	0.600772	0.279019
4.859292	6.467014	4.04606	5.578301	5.616202	4.420125	5.16528	5.119935	5.314975
2.287647	3.448542	2.540159	3.061522	3.100302	3.089764	3.742674	2.163247	2.038865
1.077623	0.815989	0.653987	3.212232	1.757199	2.201807	3.289176	1.822952	2.22155
5.388321	5.60132	5.67232	4.207752	4.935224	4.756887	6.479089	5.260114	3.673492
0.698385	0.885032	0.346466	0.231134	5.707595	3.539101	3.247126	1.463533	3.306877
4.981201	6.125373	5.229874	4.410902	4.557073	4.473664	4.643442	4.694253	4.16206
0.892971	0.211257	0.77552	1.392092	1.341062	2.578707	0.82764	3.132483	1.654342
2.92432	2.762035	3.544211	3.190634	3.145775	3.470721	3.624674	3.355149	3.189153
0.745817	0.701109	0.699416	1.355746	1.44241	1.35245	1.080307	1.104416	0.71728
0.522337	0.202725	0.244778	0.522537	0.352812	0.196372	2.321575	0.282723	0.360601
5.103619	5.590252	4.477386	5.455025	4.578097	4.344945	3.586959	5.017267	3.982588
4.221504	6.236403	5.148596	5.391206	5.062525	4.252321	6.744737	4.702521	5.785628
0.432935	0.686967	0.404871	0.988715	0.77777	0.71097	1.877356	0.734888	1.108248
5.254704	6.079573	5.412956	3.326767	5.916986	4.690914	7.573562	4.518106	3.074419
7.631638	7.021788	5.756755	7.806453	6.482227	6.299296	5.017442	7.586354	6.927229
0.373032	0.152381	0.937456	0.139834	0.230256	0.496335	0.048182	0.244273	0.117355
2.708379	3.027063	3.413623	2.82294	2.944269	2.548078	3.866208	2.910198	3.043482
1.01141	1.767042	0.96492	1.94769	1.625767	1.894125	5.404502	1.822272	3.349226
2.450323	3.410536	2.57937	2.579502	2.186925	2.158086	3.520787	2.362341	2.728608
3.671051	4.056266	3.438763	4.647596	4.431647	4.163173	3.166961	4.172211	4.221966
3.253244	3.39552	1.898621	1.435178	2.697001	2.1078	2.758305	3.291771	1.785375
3.292309	2.51377	2.338956	3.641606	2.224213	2.510037	2.346724	3.406758	3.13807
3.705773	3.985357	2.534227	4.144496	4.025965	3.161311	3.018336	3.786079	1.985525
9.218569	9.97779	9.020832	10.21754	8.00478	10.01563	12.25236	8.742037	10.24757
5.34403	5.543796	4.322621	6.044601	4.793894	4.155015	3.153712	5.421231	4.42456
2.39617	3.598782	1.354927	3.809975	4.087598	3.340534	5.308947	3.33114	4.00561
9.002796	7.884545	7.801987	6.394098	7.524619	7.029258	7.397796	7.643688	8.124635
3.067979	2.39195	3.489723	5.065722	2.694303	4.493766	2.925267	3.46919	3.306947
3.485923	2.997503	3.69172	4.710139	3.531029	3.244902	1.792837	3.308865	1.921034
1.641247	0.662715	2.994214	0.584075	0.348638	1.431447	0.618995	1.328342	0.408915
3.133645	3.233225	3.511415	4.915801	2.680356	2.104884	1.755993	2.873598	1.905739
3.444421	5.715176	4.60877	3.476734	3.772612	3.530586	3.175693	3.938204	3.26198
2.64723	3.416572	3.015573	3.38618	3.404876	2.966369	3.123601	2.943125	2.093213
1.860163	1.122896	2.323522	2.03723	0.489194	0.96851	2.676438	1.146287	0.69685
2.473763	3.158235	1.145611	3.524847	3.148878	2.064093	3.292152	2.431642	3.592375

0.881207	1.415311	1.43424	1.932146	1.749675	1.908911	1.40733	2.175438	1.800227
3.714052	2.587355	3.442494	3.193731	2.54805	2.956526	2.761832	3.331062	2.477733
4.496523	3.306645	7.904651	3.233528	3.438679	4.546759	6.269382	3.285208	3.059287
3.779526	2.968741	3.164251	4.102032	3.950939	4.015851	4.280689	4.281295	4.220137
0.77861	0.974204	0.782425	1.020018	0.846095	0.96837	1.289734	0.950195	0.520967
5.086063	3.951619	4.462168	4.317054	4.1774	5.744586	4.267898	5.642948	4.215801
1.967834	3.083971	1.720747	1.526294	2.259255	2.246299	5.574303	1.874239	2.456723
4.076134	5.590784	3.008227	4.707775	5.027171	3.984092	4.948117	4.099623	4.768462
4.257604	5.00491	5.054052	4.347721	4.93761	4.498146	4.823419	4.845613	4.144554
5.686644	5.804774	5.523263	4.519253	5.237109	4.207381	3.392457	4.800318	3.823495
4.388892	5.734145	4.875215	4.469581	4.61923	4.865312	4.119913	3.913664	4.563933
4.910557	5.012736	4.872721	4.618022	5.040797	5.370997	5.30985	5.090028	5.184373
5.985479	3.790279	7.094286	6.723967	5.82667	5.798331	8.537422	5.59901	5.840606
3.363078	4.008868	3.163596	4.853797	4.9325	4.818611	2.215409	4.53031	2.638447
3.975608	3.583499	3.082035	3.145599	3.366833	2.884462	2.915142	3.434045	3.339249
4.777584	6.359547	4.9956	6.765972	6.533271	6.425068	6.224384	6.377488	3.489651
1.962598	2.771176	2.158474	2.330685	2.758337	1.827644	1.726247	2.393135	1.472322
2.310063	2.904289	1.870911	2.26046	2.642668	2.550928	3.403139	2.724212	2.708927
2.750465	2.313652	1.842787	2.684799	1.522405	2.012169	5.878313	2.366163	3.233321
2.029294	2.24837	2.227425	2.707216	1.935296	3.022146	5.193432	2.524799	3.787571
1.473264	0.41272	0.996045	0.113674	0.126532	0.41531	1.037472	0.176238	1.095005
4.676751	5.9902	5.319374	5.161551	6.074485	4.901679	4.097685	4.8199	3.568229
6.304095	5.199739	4.012414	5.848236	4.703178	4.684935	4.865267	4.183513	4.193886
5.199383	6.132684	4.803114	6.270856	5.726424	4.498208	5.969155	5.478051	4.743452
0.090875	-0.03275	0.190281	0.776129	0.25782	0.378709	0.266354	0.512016	0.294718
1.676785	1.517162	1.630308	2.817982	2.947048	2.271227	2.753222	1.370989	4.905703
3.879463	2.699972	3.841729	3.297337	3.62221	4.482702	3.069323	3.868995	2.465827
2.282152	5.066351	1.426066	3.405972	4.70167	4.366392	6.667791	3.791682	5.774618
2.01747	2.089597	1.745887	2.31324	1.971542	2.528935	2.169212	2.524591	1.490176
2.71592	3.424302	2.425063	3.22425	3.112702	3.000616	2.882942	3.691528	2.278024
7.034654	6.769443	4.838389	6.937241	6.49746	6.328185	5.500387	7.332647	6.145554
2.23686	2.853699	2.585155	2.33883	2.972323	1.800632	2.323084	2.430801	1.819682
0.471433	0.181424	0.350934	0.818904	0.692892	0.624014	0.566029	0.518368	0.226326
4.542796	4.811726	6.053975	5.427285	4.165085	4.70907	4.65342	4.120594	4.861334
3.097874	4.475302	2.353971	3.24771	3.799482	2.553256	3.634296	3.674608	3.077405
6.01245	3.000396	7.066485	0.661061	1.742777	2.15052	1.159271	3.410373	1.834451
1.368249	1.968466	1.185068	2.371424	1.30237	2.750079	2.892259	1.932	2.135128
0.365124	0.296822	0.160058	0.016725	0.113551	0.149928	0.840986	0.069476	0.395237
5.017076	6.532784	4.839774	5.982389	5.845388	5.567272	5.902896	5.742803	5.184867
3.498741	4.460095	3.296499	3.629811	3.188631	4.717607	8.895717	3.077445	7.750006
5.081783	6.082091	5.350047	6.221901	5.603832	5.090972	7.360885	5.199889	6.376121
4.55614	5.550097	5.050661	5.152796	5.59956	5.218179	3.413349	4.528368	5.143004
3.451086	2.526672	4.13175	4.03686	3.360285	4.369416	4.759923	4.236652	3.916754
1.849478	3.475249	1.548799	3.691347	3.843778	2.624788	3.087521	2.57361	2.482173
3.60966	3.592871	3.488562	3.356756	3.43202	3.934084	3.108947	3.752547	3.241045
0.468704	0.334662	0.235842	0.565803	0.426365	1.526329	1.471826	0.581027	1.459681
3.242304	0.772153	5.238052	0.233445	0.212246	1.058013	0.16592	0.833997	0.332676
0.600412	0.401462	0.293713	0.540686	1.14909	0.887365	1.1731	0.982967	0.374043
2.211666	1.600224	1.701034	1.27922	0.901212	2.375761	6.683212	1.486222	1.988682
6.368008	6.193855	5.519569	6.74614	6.508566	6.665122	6.035965	5.954033	6.193137
3.383399	3.328532	3.287967	4.336578	3.342851	3.415912	3.827123	3.438871	3.402638

5.004783	4.565287	5.168013	3.696868	3.759342	3.770462	3.450127	4.745321	3.386334
3.311641	3.181113	3.0507	5.401141	3.653156	4.46534	3.284888	3.488658	3.481579
2.792809	3.115795	2.522839	4.539623	5.036141	4.604457	2.784762	3.991235	2.967236
3.138058	4.629751	3.961915	4.013376	3.331408	2.849435	2.72074	2.885743	2.049886
6.336601	5.484159	5.215619	6.048216	5.576952	5.669385	2.614393	6.130457	3.611892
3.245065	2.229285	4.575607	3.841063	3.551815	2.237807	2.354713	2.754529	4.16972
1.921587	1.728776	2.147242	2.688681	2.685865	3.342392	1.767981	2.627197	2.24118

TCGA-DU	TCGA-HT	TCGA-TQ	TCGA-DU	TCGA-S9-	TCGA-S9-	TCGA-HT	TCGA-HT	TCGA-HT
1.607258	0.484328	0.827005	0.395579	0.932966	0.555191	1.565922	0.784895	0.933885
0.627418	0.760504	0.954368	0.662704	2.109618	1.764296	1.104774	1.646624	0.94843
4.729018	4.591177	4.875024	5.95393	5.18596	4.463402	4.527074	5.116075	4.440103
3.163833	6.660734	2.528213	4.234322	2.74916	2.978045	1.649309	3.932976	3.976811
1.283257	0.081018	0.871525	1.604068	0.968035	0.701792	2.255998	1.368037	1.15402
7.424416	8.30795	6.291449	6.711515	7.540763	6.841583	7.803893	6.066696	6.599945
6.708452	6.649244	5.431512	6.269006	6.200873	5.951674	5.192868	5.553021	5.493027
0.68967	0.542121	0.880288	1.163657	0.657959	0.626424	0.537591	1.211604	0.63685
0.434769	-0.09547	0.242235	0.925469	0.197012	0.163311	0.003546	0.050708	-0.03345
6.04951	5.875758	5.310366	6.04233	5.192952	5.961315	6.604271	5.053742	5.686604
4.514912	6.061502	4.569607	5.052126	5.178297	4.861368	4.419653	4.024465	4.013915
4.315552	1.820794	2.982001	3.244365	3.097474	2.520764	3.665493	3.332724	3.063943
3.340609	2.743589	2.525317	1.638233	2.286621	2.287158	1.892581	1.548342	2.506615
2.914047	5.19229	2.818413	3.401766	3.552614	3.521061	2.867939	3.270051	3.08057
6.49092	3.443106	6.159142	4.677666	4.622524	4.856937	5.501303	5.055414	5.928813
3.497517	2.58966	3.388685	2.400954	3.402289	2.893031	5.516767	2.967325	3.686899
0.885532	0.525285	1.026896	0.466123	1.567725	1.308675	0.888322	1.319658	0.893066
8.559789	8.636453	7.54375	8.015953	8.655011	8.191171	8.965522	7.89102	7.679346
6.157692	3.864407	4.893446	5.821957	4.510839	3.988335	5.479503	5.118631	6.157659
4.009567	2.425298	3.442132	3.205383	3.698462	3.720271	5.99929	4.035279	4.144034
3.133503	2.560364	3.431673	3.540356	2.94268	2.917965	3.073738	3.591602	3.904485
3.83245	1.474168	3.143273	3.26019	2.861525	3.487715	2.705731	3.524013	3.30683
3.068624	2.119288	2.960242	2.998729	2.771872	2.626407	2.361287	2.979989	3.41218
0.792312	3.13924	0.754643	0.905538	1.626849	0.265346	1.652506	0.334828	0.931946
3.658982	3.956464	2.684067	3.546941	3.028662	3.161998	5.455773	3.587329	2.946054
2.486452	1.921474	3.038203	3.197829	3.262454	1.954196	2.545181	2.834485	4.629177
0.727237	0.828445	1.144661	0.727845	1.147993	1.056109	0.664836	0.693759	0.610751
4.727082	3.467466	4.800718	4.828944	4.594149	4.595781	5.413758	4.227907	4.404197
2.823335	1.364427	2.667379	2.852184	2.541048	3.359805	2.529549	4.156799	2.415332
4.920699	4.41168	4.331414	5.478208	4.217497	4.453957	5.26963	4.227051	4.642292
1.557823	2.865885	2.026086	1.506113	3.748954	3.428772	2.208298	1.820861	1.534561
4.215676	6.656106	4.667395	4.51069	3.679586	3.736759	4.566989	5.306089	4.278469
4.456818	4.837332	4.772532	4.730297	4.881168	6.224099	5.215758	6.294766	5.01072
3.389089	3.314414	2.423171	2.881537	2.965306	2.118962	3.988855	2.330967	2.731647
3.450221	2.457993	1.768679	3.441624	5.091856	1.620722	2.605905	3.619062	1.529313
3.081725	1.164679	2.600256	2.722847	2.907689	2.407148	2.758807	2.674796	2.878051
5.139512	7.074242	4.791312	5.739518	4.822301	5.285474	5.998728	5.769556	4.865033
5.047493	4.704471	3.599129	3.914633	4.413458	4.399532	4.023469	3.775351	3.239035
4.203632	3.904374	4.600745	4.316296	5.879533	5.290061	3.946585	4.742939	4.50675
0.083591	0.054101	0.102735	0.08272	0.429956	0.140522	0.06306	0.123526	0.139581
0.262093	6.050371	0.543554	0.893694	0.704445	0.53309	1.322622	0.43256	0.539051
3.618945	3.328682	2.555938	2.88519	2.466975	2.443735	3.369626	2.806343	1.937619
0.993357	2.366095	2.410279	1.263329	2.895322	3.659408	2.232061	1.899174	1.56238
1.317798	0.912931	1.78341	0.507285	1.053624	0.683825	0.882277	0.467424	2.556099
0.75287	0.718885	0.783404	1.004348	1.395399	0.614898	0.314571	1.81574	0.201668
7.467925	12.31922	9.943894	9.434649	10.84166	11.83397	8.828752	10.27776	9.363
5.463273	5.405548	5.728466	6.233675	4.817618	5.763029	7.370318	6.645718	6.419962
5.851675	4.656988	3.662425	4.58201	3.468585	3.466271	4.921008	4.793282	4.126058
0.68462	1.074359	0.632857	1.136077	2.532273	0.660654	1.224294	0.559262	1.242389

0.959724	0.153612	0.711505	0.695247	0.605621	0.636367	0.381458	1.045319	0.867351
0.869647	0.84242	1.13179	1.032245	1.028241	0.670375	0.337764	0.233058	0.66266
2.142282	1.953693	2.456454	2.412783	1.82337	2.251516	2.608016	1.982934	1.789297
4.780668	4.798643	4.359063	4.784449	3.682468	4.51515	5.811346	4.097127	4.716441
4.248686	5.258612	4.059912	3.690658	3.666404	4.995755	4.519109	4.413259	4.904143
0.254635	0.220511	0.124535	0.036607	0.220099	0.356805	0.126094	0.130243	0.166018
0.897043	1.24804	0.769921	1.263101	3.271926	0.480676	0.561836	0.395343	0.592593
4.145113	7.818241	5.114067	4.74515	7.693477	8.204753	7.885763	6.564886	7.704846
9.619908	9.015867	6.120691	8.562096	7.21919	8.9265	10.0365	8.875271	9.16811
4.433305	4.303333	4.873086	3.828834	4.15024	2.54634	5.451356	3.655695	3.546149
0.994401	0.591544	1.607022	1.717659	6.631786	1.324131	0.823978	1.319383	1.625595
5.143078	9.625872	5.198081	6.212304	5.934504	6.454165	6.189359	4.928736	4.780564
0.91575	2.277036	0.872345	1.352201	3.165572	2.374209	0.936547	1.915173	0.778598
4.813268	3.508036	3.614532	4.033911	4.034746	3.019303	3.145663	3.566661	3.123482
0.76477	0.92438	1.154418	0.759286	2.292516	0.820984	0.382551	1.438147	0.719675
6.958906	9.148969	8.050682	6.643687	7.989566	7.822932	8.488303	8.422242	7.857304
3.486886	1.24041	3.33683	2.63279	3.305801	2.131346	3.449598	2.834342	3.507408
4.365141	3.213883	3.664581	4.30388	3.826399	3.28411	5.191375	3.866943	4.025715
0.427342	0.565713	1.110278	0.849803	0.800218	1.089601	0.868403	0.524801	0.676662
5.811764	5.171642	4.876973	5.005151	4.473936	5.46547	4.965164	5.465735	5.582358
3.766863	2.845018	3.410725	3.754679	3.258023	3.215456	3.777628	4.471192	3.474878
1.804816	2.064117	2.05487	1.235049	3.569632	3.081981	1.840361	2.020247	1.823814
3.397655	1.377511	2.938693	2.880213	2.573885	2.527295	4.061505	2.90316	2.315326
4.841314	4.321889	3.749254	4.966583	3.883586	4.196228	3.939203	5.844059	3.54231
1.972286	6.407024	5.529233	4.648867	5.36838	5.17619	2.815879	5.539237	4.288258
1.180533	3.809343	4.568279	1.373406	2.384128	5.797877	3.227105	5.896093	3.344245
0.805079	2.950496	2.621733	1.765267	3.171841	3.628037	2.012655	2.585957	2.312375
3.490271	1.869031	2.620432	2.302672	3.494337	2.496964	2.327178	2.748484	3.565439
3.563276	0.992122	2.776648	2.539841	2.205647	2.318965	3.660732	2.748526	2.148858
4.12551	1.990986	3.490485	3.971945	2.584164	1.993789	4.315811	4.078647	3.921912
3.644635	1.144742	2.568162	3.205583	1.846349	1.803781	1.613097	1.928575	2.226148
3.207639	4.953822	4.462098	3.18597	4.455492	4.189635	3.507444	2.625498	3.336764
6.422208	10.2978	6.913569	8.306738	8.275454	8.035716	5.690403	7.009564	6.570906
0.975022	0.200559	0.923409	0.766681	1.334172	0.751392	1.065423	1.566173	1.131872
5.844721	6.979735	5.001314	6.267754	4.930881	6.232938	5.876122	4.867947	5.138733
0.149062	0.306521	0.697278	0.735718	1.311416	0.596645	0.229275	0.830868	0.457033
4.23698	1.485789	3.774258	3.592081	3.500266	2.24098	3.839132	3.087945	4.490594
4.082909	3.08078	2.739752	2.448628	3.106192	4.434193	5.234748	1.562951	1.281798
2.116597	1.690135	2.190278	2.131343	2.22798	2.172072	2.773468	1.872793	2.120899
3.449655	3.518262	3.291044	3.556539	3.636686	3.298719	2.909711	2.521889	2.252105
5.667098	5.779488	4.217279	5.00012	7.559018	2.946449	3.344038	2.452444	4.973773
0.262311	0.161474	0.146407	0.208575	8.149765	0.203539	0.226114	0.277171	0.228701
1.806896	3.967199	2.355657	2.136862	4.203862	4.781115	2.303645	2.532693	1.6574
0.008146	1.377629	2.350625	0.601875	0.316697	1.41916	0.186117	0.024121	0.462363
2.93525	5.862596	3.222728	2.859164	5.690599	4.393527	3.477165	3.490293	2.934723
0.871347	2.278954	2.369013	1.719577	2.605241	1.73806	1.774069	1.03791	1.700636
3.085252	2.938122	3.64036	3.920884	3.753194	2.679089	3.712367	3.74891	2.970451
1.966038	3.501243	2.88362	2.803249	3.891311	2.841939	2.591154	2.498654	2.357295
6.475568	4.547241	6.107127	7.376666	6.192528	5.170112	6.525768	5.330147	6.126947
1.911567	1.478097	2.016993	1.249982	3.536524	3.510562	2.525294	2.121718	1.73225
6.636376	6.451868	8.021276	6.561839	5.948125	7.434877	6.953697	7.253313	6.743656

4.020608	2.30089	1.548507	2.142536	6.607917	2.489506	1.734989	2.107315	1.237579
1.331956	1.416243	1.957341	1.827776	2.108996	2.553141	1.740101	2.013328	1.790779
4.544745	1.023924	3.48903	2.405303	4.208125	2.831094	3.823439	3.333289	3.944872
0.176665	0.277957	0.224297	-0.00114	0.02191	0.294979	0.331262	0.078905	0.295652
5.371357	9.131131	8.205613	8.517619	7.772714	7.930141	8.319194	8.638635	8.217101
3.933528	3.703198	4.855142	4.451579	4.296737	4.321594	4.664592	4.552965	4.679092
1.992892	4.212728	2.608824	2.50228	3.690232	2.407017	3.810257	2.649313	2.629119
0.703972	0.175051	0.329307	0.730459	2.45079	0.58626	0.379589	0.579094	0.403954
5.841715	3.398969	4.2269	4.962756	3.982184	3.842172	4.344483	4.338232	5.291615
2.413025	1.2476	1.495719	1.362532	2.246561	2.104753	2.527436	0.857919	1.219297
3.322404	2.03837	2.845293	2.898284	2.080864	2.043259	1.930423	2.560085	2.489495
3.528283	1.91669	2.578947	3.225221	2.362256	2.711089	3.636565	2.980599	3.295924
0.168221	0.101162	0.299716	0.325577	0.249794	0.094115	0.507784	0.289686	0.088709
-0.02838	-0.02203	0.503438	-0.0292	0.528822	0.20093	-0.03444	0.043839	0.00049
2.134837	0.878545	3.087159	1.885519	3.609461	3.143935	3.03896	3.212338	3.951748
3.406083	4.295121	4.483861	2.870822	4.032263	2.972443	3.045257	3.039441	4.460374
2.65891	1.232728	3.234915	1.388286	2.760319	3.022861	3.948136	3.435733	3.101149
3.39986	1.410791	2.836728	3.962958	2.751838	2.638704	3.094921	2.865868	3.356199
2.486795	2.230946	3.320319	4.151194	3.977749	3.775908	3.87879	3.805633	4.661612
6.206056	7.70859	6.676137	6.511299	6.514752	7.389998	7.226381	6.96381	6.664741
0.262177	-0.02434	0.016128	0.117643	0.814455	-0.05326	-0.03361	0.137237	-0.0166
0.487617	0.896218	0.834634	1.185649	2.236783	1.108816	0.441464	0.73838	0.608306
3.167868	0.897697	3.589322	3.025661	2.447871	2.785018	2.84841	2.606826	3.508905
4.688764	7.22552	5.504605	6.261104	6.914832	7.678799	9.722244	7.872094	5.667474
0.033195	0.430704	0.074726	0.102965	0.063985	0.071853	0.013552	0.108518	0.068279
0.219878	0.079666	0.164576	0.17854	6.131107	0.085751	0.116207	0.589225	0.093112
5.320056	2.614195	4.173709	4.295074	2.854973	3.63838	4.362072	4.309165	4.955549
5.724017	6.364114	5.238105	6.366896	5.951146	6.170913	5.513908	6.641887	5.21199
5.416144	5.121908	5.537095	5.794572	4.549314	5.356025	4.828856	5.511558	5.356596
4.553854	3.801175	4.604049	4.318275	3.54555	4.216568	4.186935	4.677866	4.675419
5.153639	2.836905	3.836539	4.557116	3.405263	2.660754	5.734539	3.89336	4.588322
2.023137	2.253847	0.758712	1.129804	2.507866	1.226217	0.857361	0.567099	0.600326
2.81384	2.78957	3.540743	3.38355	9.292225	3.779783	2.356421	4.256591	2.716732
0.017582	0.010805	0.000681	0.145933	0.027546	0.016469	0.000681	0.055514	0.000681
7.59909	4.661144	5.105223	4.575682	7.64758	5.819115	5.573494	4.956531	4.054728
4.292175	2.809363	4.017265	4.068753	3.879973	4.032365	3.664892	4.20027	4.328044
6.030494	3.626781	4.724683	4.335097	5.267922	4.375264	4.062041	4.542779	5.232989
2.680261	1.086802	3.715522	1.979841	2.880669	2.274229	2.009608	1.747364	2.577931
5.224947	6.219734	3.724462	4.617888	4.685627	3.895659	4.731852	4.052844	3.906669
3.454751	3.128933	2.296436	2.017481	1.899885	2.079304	3.520315	2.034823	2.04782
0.035927	0.007441	0.11433	0.360143	0.13938	0.124074	0.007441	1.266064	0.092497
4.928887	4.074192	3.440938	4.546905	3.91582	4.240683	4.889784	3.928719	5.184056
0.175006	0.452565	0.227906	0.353959	0.230639	0.314938	0.349039	0.053958	0.330253
0.243652	0.093484	0.20127	0.567699	0.182649	0.282324	0.061012	0.19543	0.348378
6.849533	7.478962	4.35656	6.062541	7.836014	6.89973	5.208297	5.673683	5.564147
2.076284	1.983312	5.211927	2.279894	3.015942	3.734875	4.12332	4.094381	4.145302
2.942127	1.251597	1.742384	2.054597	2.584719	1.566983	3.229045	2.12123	2.319895
0.362499	1.896967	1.618072	1.096203	1.978756	1.705246	0.738321	1.724975	1.254408
4.812749	7.052168	6.092175	5.755736	9.235044	6.158827	5.982244	5.388014	5.178372
0.029387	0.012251	0.036867	0.053661	0.079297	0.071409	0.063861	0.067458	0.031746
1.29169	1.6675	1.070022	0.970263	3.619615	1.800916	1.222908	1.173387	1.284762

3.788826	1.491966	2.822802	3.554771	2.651377	2.398116	2.972593	2.586217	3.147473
4.946918	5.313387	4.608003	5.133711	6.319401	6.196198	5.611688	5.342482	5.001633
0.1494	0.172452	0.436684	0.284183	0.643042	0.521491	0.455996	0.523868	0.231668
0.289161	0.258715	0.109687	0.312372	0.61443	0.108229	0.468685	0.141783	0.285926
4.344606	3.250746	4.215443	4.932376	3.990806	4.39081	6.049628	3.332662	5.238581
5.065328	4.775403	5.241627	5.879372	5.668573	5.060689	4.792646	6.55788	4.960028
0.065518	0.809134	0.086772	0.086706	0.154607	0.1198	0.07051	0.0798	0.069613
9.609242	12.59145	9.038261	10.81456	9.861936	10.37385	9.739706	8.526873	9.392934
5.219874	4.345461	4.629469	5.174663	4.725523	4.666772	4.830212	4.207806	4.776986
1.227337	0.393625	0.406419	1.096173	4.317442	0.706334	0.872911	1.157595	0.489069
8.70314	9.090461	7.227467	7.472808	9.20242	6.687644	5.913292	4.918284	5.207454
3.879244	3.617797	3.850886	4.166712	3.929627	3.287931	4.708101	3.53615	3.850908
2.833286	1.724802	2.826459	2.944727	3.099953	2.969235	3.705335	3.819222	2.822854
0.851869	0.586448	1.46642	0.954343	2.269667	1.364092	0.823109	1.024595	1.172512
0.050238	0.073831	0.049557	0.044249	0.087057	0.096217	0.11497	0.232081	0.065482
0.327113	0.771986	0.568478	0.778227	0.561114	0.552053	0.964702	0.613726	0.620264
3.356413	2.59397	3.560851	3.20693	4.952178	4.746502	6.785754	5.489916	3.812758
5.062223	6.427643	3.402765	2.733477	3.125238	2.061155	5.489536	2.184621	3.16696
3.563639	3.283596	2.570164	1.246229	3.431612	2.636604	1.732957	1.646072	0.613075
4.427013	6.337187	5.960644	5.905004	6.114958	5.446053	5.149829	4.914202	5.062814
0.542284	0.275975	0.113394	0.456457	1.372958	0.382545	0.172719	1.319062	0.981338
5.630367	4.949876	6.255061	4.614515	7.059853	4.346048	4.202502	5.358728	6.012988
0.286383	3.12508	3.050478	2.364782	1.8341	2.184408	0.121114	0.0706	0.513337
2.500079	4.76297	3.072463	2.78961	3.486311	3.288733	3.937345	2.548974	2.586206
0.853356	1.293599	0.908257	0.809211	2.568482	0.904147	2.138432	0.856438	1.567697
0.428618	0.383673	1.070716	0.651756	0.721261	1.059067	1.688639	0.197354	0.315169
5.153973	5.235654	5.126919	4.955676	3.813212	4.691181	5.182444	4.435091	4.599233
5.710415	4.468037	5.73448	4.697315	4.260155	5.898476	4.887003	6.501772	5.845094
0.452287	0.606648	0.685398	0.410848	0.864789	1.315782	0.891894	0.482783	0.490581
3.794331	3.974245	3.845519	3.778959	8.981222	3.743144	4.369762	4.462232	3.17287
4.997873	5.135144	7.437487	5.632511	5.594304	6.914485	6.74896	7.621114	6.707894
0.834906	0.179618	0.212482	2.244361	0.163891	0.671435	0.125747	0.344798	0.299823
2.865587	2.160664	2.896052	2.594315	2.576525	2.98453	2.016999	3.002676	2.932472
1.3144	1.932497	2.422693	1.226766	2.702629	2.955649	1.520392	1.381636	1.39315
2.347085	2.208597	2.358118	1.658953	3.260633	2.346727	2.505711	2.327916	1.92571
3.887335	2.760114	4.102903	2.924076	3.2844	3.973438	1.758718	4.072674	4.2051
0.095453	1.325563	2.615598	0.928945	8.267169	2.896353	0.491992	2.071836	2.245615
2.928697	1.565941	3.214112	0.969663	2.702147	1.623295	2.206054	3.127348	3.066244
3.217211	2.069026	2.944447	2.73232	3.068122	2.986478	4.834207	3.520396	3.28939
8.180265	12.72574	9.299086	9.566424	9.642084	10.64252	8.655696	9.12013	7.587158
3.348059	2.451736	3.634447	4.205578	4.259292	4.596456	3.732821	4.707958	3.782081
2.798828	2.305098	2.87339	1.697047	4.191128	4.313206	3.175275	3.039003	2.870881
8.885361	6.569302	8.330453	7.904615	6.072344	8.138729	5.48269	8.487764	7.446663
2.558309	3.510832	6.239567	3.299672	3.226919	4.093794	4.074149	2.539718	5.036259
3.375555	1.880852	3.539955	3.599975	2.937672	2.866848	5.192076	3.313026	3.602656
0.744345	1.662938	1.451484	1.502029	1.642379	0.693243	1.790506	1.561446	0.58936
3.119697	1.14651	3.091735	2.751503	2.297283	1.576381	3.946443	3.301166	3.646621
3.059767	2.788162	3.606715	3.869512	2.791044	4.095669	3.592732	3.673922	3.408789
3.396045	2.121266	3.139993	3.230492	3.172846	2.709929	4.482363	3.08018	3.618748
2.347447	1.772153	1.604652	2.009617	1.199847	1.965999	0.968331	2.032844	3.240888
3.269382	1.985611	2.800752	2.915219	3.855299	3.066464	3.800456	2.83879	3.678977

1.674909	0.941465	2.076988	2.45281	1.652268	1.412592	2.497649	1.192066	2.028937
2.736682	1.698555	3.410677	2.544972	3.089143	3.169678	3.021601	3.83086	2.930138
3.287893	6.654736	3.155197	6.348386	10.35312	4.95142	2.893054	4.245494	3.081131
4.283873	5.680129	4.028983	4.283553	5.478496	4.618277	4.784192	3.317498	4.00551
1.261588	1.602307	0.744747	0.93086	2.356825	1.103586	3.51857	0.743916	1.620423
3.864094	4.697777	5.034117	5.168524	3.570851	4.562234	4.382579	4.358164	4.292484
5.0124	3.114599	1.988913	1.784377	5.006	2.834824	4.06881	1.724661	1.931223
5.878322	3.207766	4.079278	4.746725	4.636703	4.373817	4.149485	4.56023	5.136733
5.231667	5.0521	4.840483	5.602705	3.988765	4.820823	4.874246	4.508242	4.866696
5.396705	2.229615	4.386476	4.631084	3.713534	3.856243	4.76514	5.795224	5.159731
4.181322	3.542633	3.826383	4.150559	5.549746	4.19473	4.457524	5.096275	4.855532
5.274003	7.149999	5.210189	5.367047	5.137021	5.596367	5.466562	4.687775	4.846065
4.483982	7.818821	7.733162	3.658922	3.836249	8.300483	5.405032	7.470381	5.936783
4.477147	2.602377	5.215083	4.599161	3.201146	4.486519	6.801233	3.863686	4.964109
3.43238	2.413659	3.146149	2.608356	3.756516	2.572073	5.011628	3.00551	2.3234
5.689444	7.013048	6.349603	6.84529	6.295868	6.286931	7.100598	5.52013	5.525513
3.909214	0.772617	2.864932	3.114969	1.956277	1.587648	3.120537	2.52301	3.862602
3.378743	2.295842	3.110956	2.904079	3.454776	2.530951	2.370324	2.323152	3.155125
0.98406	3.903296	3.308487	2.419863	2.978798	2.741751	1.99536	1.991108	2.545465
1.686105	4.30377	2.414166	1.768658	4.540801	3.503927	1.568897	1.93304	1.560096
0.203222	0.117039	0.336376	0.757252	0.131432	0.388537	0.141519	0.83844	0.170107
5.872429	4.299321	4.805101	5.747613	4.896704	3.840668	5.701776	4.721769	5.636905
3.564592	3.46055	4.103667	3.453525	3.784473	4.778269	4.191816	4.402423	4.109068
6.158654	3.737963	5.511841	5.52193	4.806842	5.113682	5.480618	5.682883	6.245713
0.230439	4.203304	0.194802	0.043901	0.877546	0.122555	-0.08308	0.493912	-0.03243
1.374725	1.939506	2.345492	0.994574	3.344603	3.29506	0.706642	1.263902	1.339254
3.53794	4.879833	3.649396	4.147644	3.853044	3.782329	3.855946	2.984148	3.181168
6.784074	4.593186	4.384381	3.175569	5.088535	5.493248	3.870684	3.57685	4.233533
1.227541	2.311041	2.770988	2.32333	2.125038	1.743328	1.560842	1.351276	2.32213
3.546439	1.61268	4.15516	4.280082	1.759061	2.960143	3.454797	3.667046	4.164912
6.124038	6.325236	6.69314	4.560569	7.087583	6.327716	8.022862	6.333808	7.136642
3.926354	1.783832	2.770994	3.467661	2.522722	2.074492	4.342425	2.775932	3.24901
0.722692	0.144599	0.482615	0.858612	0.958706	0.592257	0.368269	0.389619	0.483666
4.996461	4.247061	3.56143	4.697873	4.520999	4.255978	5.521526	4.790273	3.912006
4.175937	1.002255	3.355947	2.109774	3.689407	3.524581	4.745654	3.666388	4.335348
2.659461	0.644912	1.560372	3.666998	2.771085	1.818293	0.510497	5.058072	1.252045
1.131241	1.606912	2.162319	1.386609	2.263227	1.995405	2.780696	1.650856	1.998861
0.04874	0.073801	0.028316	0.138526	0.558674	0.356683	0.06529	0.360393	0.149712
4.720445	5.18602	4.380683	5.225442	5.562927	5.698859	6.867684	5.361339	5.190259
3.456203	5.944238	4.832996	4.033521	5.234627	5.610748	4.913372	4.203286	4.172765
7.661251	6.170134	5.487326	5.63238	5.73222	5.724972	6.703982	5.602422	6.452412
5.950759	5.867147	7.053708	5.719968	4.741857	3.944922	6.090798	4.806788	5.517011
2.667622	4.624323	3.418094	3.063791	4.436988	4.312074	2.356822	3.481193	2.112321
3.729862	1.374663	2.928743	3.41913	2.915026	2.235948	3.498737	2.966371	3.652526
3.626567	3.872948	3.42514	3.994999	3.335999	3.550104	3.928462	3.451243	3.410538
0.102802	0.054536	0.20011	0.100615	2.080311	0.547275	0.555324	0.55945	0.114726
0.211321	0.146419	0.233441	1.018659	1.100254	0.450878	0.096665	2.217215	0.266505
1.226259	2.044453	0.748656	0.563597	4.113348	0.903098	3.643891	0.677236	2.542671
0.934062	2.585956	1.0919	1.138194	7.146827	1.646786	1.035896	1.066496	0.939769
6.909836	7.253165	7.112185	5.958896	6.17341	5.746163	6.414572	5.574856	6.273398
3.382345	3.905203	3.503512	3.581393	3.486017	3.81961	3.732574	3.252034	2.948062

5.392744	3.493586	5.213029	4.514207	3.49882	3.198153	3.859728	4.628255	4.86107
4.337371	3.389711	3.627697	4.266956	3.79916	3.42784	3.648833	3.546776	3.577397
2.589359	2.978707	3.674559	2.707145	4.497574	4.313187	5.276315	3.578753	2.637509
3.361314	3.42805	2.762537	2.739994	3.280086	2.282401	5.852065	3.986445	2.842648
3.249729	3.311964	6.324532	4.074198	4.096273	5.067577	3.850239	5.847201	5.186934
5.914606	3.719943	4.877375	4.404336	2.081113	3.896094	5.142256	3.765039	5.121545
3.04106	1.091062	2.85822	3.262085	2.271453	1.748491	2.319532	2.11493	2.707995

TCGA-DU	TCGA-HT	TCGA-P5	TCGA-FG	TCGA-QH	TCGA-WY	TCGA-VM	TCGA-E1	TCGA-HT
1.815015	1.14783	0.874355	1.102631	0.416574	1.102214	0.976563	0.713515	0.447591
2.002372	2.490405	0.877427	2.007788	0.838721	1.57395	1.295271	2.243199	1.996619
6.161684	5.617924	6.908205	5.926678	6.088163	6.128726	5.299847	5.185331	5.3673
3.92627	5.265972	2.884352	2.514465	4.236366	2.807404	4.344903	2.660146	4.945614
0.982834	0.997282	0.460577	0.677701	1.062202	1.230338	0.604001	0.665331	0.880693
7.118172	6.627484	6.660555	6.80358	6.741537	6.889906	7.274905	6.259919	6.784977
5.713256	5.546325	6.430547	6.16206	5.546519	4.949924	8.871209	6.34158	6.153102
0.635422	0.732407	1.066974	0.704363	2.233404	0.631193	0.69383	0.472568	0.418855
0.528065	0.276208	0.44174	-0.02033	0.117634	0.41183	0.17764	-0.05795	0.073538
5.431286	5.506196	5.576251	5.922118	5.950653	5.68486	4.446068	5.629062	5.340244
5.245753	4.815564	5.490646	3.761242	3.961576	4.470795	4.60773	5.207375	4.655889
2.425358	3.158226	2.966378	2.443069	3.418379	2.592681	2.474039	2.964102	2.929299
2.38276	2.468205	2.530517	1.649342	1.882396	1.468802	3.714728	2.285083	2.365649
4.364774	5.30036	2.626173	3.394155	3.263278	3.366298	4.91525	2.80671	2.873192
4.723087	5.948414	4.263865	5.532234	5.254781	4.614099	4.65912	5.586442	5.768499
2.695702	3.48877	2.342713	3.348645	3.19581	3.278258	3.667756	2.731434	3.076269
1.396395	2.831106	0.712071	0.912516	0.527104	1.002746	2.696284	1.423168	1.090286
8.070018	7.533246	8.529686	8.548842	7.948111	8.71359	10.41264	9.599369	9.030008
4.346245	5.420876	4.105672	4.732771	4.769799	6.431113	2.875779	5.103815	5.548513
3.282427	5.06195	2.935048	4.098067	3.548924	4.084607	3.930772	3.920295	4.374699
3.267315	3.132626	3.015343	3.518785	2.830371	3.571571	1.724194	2.949329	3.376728
2.579407	3.367617	4.07424	3.622362	2.832521	3.717668	3.373262	2.430315	3.258229
3.373733	3.584897	1.757064	2.6207	3.219742	2.728898	1.917026	2.882621	2.882211
0.34373	0.337229	0.380892	0.330987	0.48162	0.317951	0.426208	0.604462	0.564326
3.630146	3.625074	3.641188	2.977385	4.161165	2.323266	3.712622	2.964029	3.570709
3.170764	3.551102	3.228391	3.257519	2.802427	2.685213	1.844778	3.73805	3.695885
0.728707	0.924005	1.012696	1.239211	0.628545	1.072002	0.459247	1.80371	0.853965
4.934527	4.163184	5.324753	4.848438	3.998946	4.936345	5.916721	3.539563	4.223132
2.532002	3.106129	3.284033	1.750941	4.619892	2.354723	2.325407	1.848127	2.023231
4.679783	4.193037	4.610632	4.285912	4.441509	4.330162	4.411903	3.943044	4.073007
3.104861	3.463462	1.899486	3.263293	1.537188	1.576252	3.035879	3.832817	3.228168
4.654825	4.769621	4.903505	5.329494	5.502038	5.93119	3.233523	5.577581	4.792449
5.742858	6.101997	5.551807	5.675764	4.826774	5.466798	5.573145	5.008556	5.781069
3.433576	2.517537	2.697741	2.964762	2.511191	2.609091	5.35167	2.437947	2.292605
4.266285	3.06257	4.523037	1.622936	3.597885	1.897578	3.154703	2.962813	1.937246
2.064914	3.314924	1.953407	2.271712	1.991261	2.508005	2.501085	2.613815	3.016923
5.942055	5.328563	6.068161	5.381854	5.886438	5.174642	4.402048	4.868788	4.551075
5.164556	4.386613	4.583904	4.064475	3.973028	3.490171	5.398578	4.123415	3.359568
4.678728	5.245209	4.650457	4.872798	4.632845	3.927466	4.788456	5.101733	4.795808
0.129384	0.099361	0.110018	0.084852	0.07983	0.070012	0.121415	0.07672	0.088989
0.98502	0.645394	0.486608	0.313819	0.568984	0.687652	0.175963	0.925722	0.512882
3.059451	2.414761	2.534853	2.147595	2.926384	2.617278	2.785141	1.895387	1.973197
4.520511	4.763933	2.361729	4.135076	1.559442	2.003829	4.635294	4.628067	2.887504
0.660075	0.834907	1.133539	0.411794	1.307505	1.193529	0.930452	0.426477	0.914348
1.121431	1.024999	1.343694	0.419197	1.926979	0.47612	3.089472	0.295227	0.41211
12.49573	11.85503	9.837953	11.25685	9.431341	9.884922	10.9127	11.7402	11.34124
5.408573	6.397003	6.679205	6.03707	6.954843	6.095259	3.425658	5.390763	5.372934
5.205183	4.492183	4.417928	3.926056	5.140824	3.812694	4.030926	3.28705	3.508032
0.808651	0.775702	0.353601	0.607359	0.696646	0.982801	1.097178	0.578908	0.642242

0.886714	1.060234	1.037864	0.987362	1.052061	0.587138	0.926517	0.724522	0.442858
1.237751	1.235765	0.426218	0.75747	0.599859	0.500387	0.152422	0.299823	0.556851
3.054894	1.886333	1.891587	2.145803	2.091297	2.505561	1.333564	1.414228	1.756824
4.341835	4.220749	4.556957	4.482637	4.955988	4.474844	6.401603	3.627117	4.00075
4.283689	5.629601	3.42647	4.756014	4.983558	4.47937	4.663338	4.347097	4.938359
0.517963	0.785338	0.046192	0.284492	0.117347	0.074773	0.640821	0.247808	0.387455
0.805673	0.48632	0.641759	0.50787	0.66391	0.510258	5.912464	0.447645	0.50476
5.868519	8.648714	8.429948	8.691511	6.619735	8.952609	8.694725	6.527847	8.865944
8.963566	10.15462	8.08501	8.804243	9.163123	9.317601	7.524148	9.433935	9.110921
5.253064	3.802052	3.780049	3.173177	4.574509	3.673889	5.548778	2.020471	2.988138
1.859122	2.681959	0.826124	1.195731	0.997051	1.375073	1.677211	1.409766	1.860139
5.91493	4.145368	5.827755	6.244635	5.808914	5.860694	6.599241	5.525851	5.217565
5.691964	6.235601	0.939495	1.823529	1.150513	2.1611	3.779389	1.921739	0.892347
2.819379	2.610363	3.351313	2.853348	3.53602	2.430705	3.999449	2.573339	2.586761
0.772897	0.603896	1.655416	0.791951	1.557979	0.562867	0.723879	0.557624	0.668373
9.975064	10.63214	10.17832	11.16109	9.648978	8.910458	11.78438	8.099241	9.855676
2.600267	3.516261	3.244131	2.189288	3.007156	2.768518	3.685391	2.655758	3.468493
3.622202	3.633021	4.488582	3.433793	3.401982	3.605956	3.320525	3.099972	3.731137
1.333749	0.986143	1.040194	0.781868	0.54185	1.512376	0.276426	0.288579	0.460817
5.532838	6.23618	5.013414	5.60552	6.451612	5.671398	4.273792	5.355241	5.98351
2.728051	3.205887	3.782785	3.420444	4.509472	3.238482	2.799375	3.01617	3.323914
3.740177	4.220503	1.581443	2.439955	1.460018	2.210668	4.136541	3.269506	3.023792
3.124553	2.555602	3.332945	2.212758	2.68167	2.28263	3.32854	2.407605	2.665168
4.208557	3.840721	5.44289	3.705947	6.199587	3.999764	4.997525	3.358259	3.511258
4.488593	4.351223	6.092225	5.073334	6.100485	4.611578	6.152932	3.84313	3.311648
2.013344	3.567534	3.797721	4.71165	5.676246	2.684061	3.106735	5.137418	5.234193
3.596417	4.060044	4.047746	3.789307	2.366073	3.78202	3.50548	3.44182	2.803815
2.7866	3.426747	2.516535	3.247834	2.292561	2.671519	3.244606	3.574595	3.978287
2.363362	2.743429	2.220141	2.207857	2.420876	2.654077	2.170453	2.124343	2.61659
2.236044	2.496017	3.21432	2.98948	3.717228	3.016795	2.813568	2.912044	2.762659
1.514684	1.616761	2.610416	1.208761	2.040079	1.863862	3.537332	1.654939	1.629016
4.696538	3.825775	4.253246	4.148908	3.280861	4.085891	3.332796	2.720697	3.137512
8.487697	7.395798	7.959558	8.670467	7.423271	7.664027	8.509942	7.224435	7.022622
1.131084	1.296631	1.256502	0.993653	1.05216	1.238482	0.935586	0.76801	1.301235
5.937422	4.549449	5.279913	5.218517	4.893178	5.463879	5.621932	4.710263	4.747187
0.38734	0.323951	1.076892	1.48044	0.556729	0.623669	0.541559	0.300626	0.21852
2.105241	3.045327	3.152674	3.072894	2.931264	3.414103	3.260935	2.888055	3.620451
4.508215	4.32805	3.305093	4.082428	1.998603	2.723639	1.288244	3.511097	2.540484
2.838081	2.444752	1.521616	1.539449	1.544509	1.432848	1.741384	1.367258	1.999192
3.507524	2.576784	2.932253	2.867232	2.812848	3.008396	6.209834	2.700409	2.510364
4.421085	3.941335	4.829291	3.923663	5.667483	3.008452	4.607315	4.7653	4.594418
0.80992	1.309833	0.154844	0.230323	0.265985	0.237768	0.569855	0.256993	0.578602
5.515694	4.62864	2.524987	4.630097	2.140853	3.207661	3.854132	4.977332	3.673182
0.22452	0.297195	0.739747	0.951776	0.086601	-0.03564	0.549167	2.203191	0.146904
5.65951	5.298892	3.373684	4.3756	2.93486	3.758367	4.390344	5.523684	5.175097
2.40596	2.591458	2.397033	2.124119	1.560312	2.703773	1.213767	0.827799	1.378349
5.046259	2.90834	4.31398	3.040273	3.538059	3.587409	3.014927	2.776921	2.186967
2.729854	2.303688	2.080408	3.520327	2.769555	2.719023	2.873665	3.796212	3.221622
6.209628	4.714824	7.514409	5.206185	5.731191	5.48492	3.180596	7.276186	6.066778
4.581582	4.971086	2.073808	2.809592	1.68511	3.043028	3.393491	3.783542	2.887106
6.880508	7.808131	5.566343	7.704596	6.804975	7.202888	6.879208	7.002308	6.749898

2.917606	2.355353	3.072529	1.539597	2.067798	1.334451	3.918691	2.762895	2.690386
3.101337	2.584747	2.142728	2.117772	1.850675	2.577414	2.255857	1.353875	2.148778
3.295135	3.030132	3.178243	2.96785	3.490936	2.431588	1.713743	3.608526	3.82266
-0.00428	0.23676	0.087732	0.145407	0.120243	0.084871	0.260267	0.593729	0.013893
6.793175	7.939015	8.626782	9.412433	9.074863	7.68535	8.473006	7.107553	8.960464
5.265915	3.56261	4.272055	3.75936	4.681895	4.338946	3.949297	3.99802	4.179662
3.05281	1.907589	3.264326	2.115457	2.306484	2.645934	3.105007	4.019697	3.240183
0.685414	1.492305	0.55832	0.75929	0.46017	0.713664	1.389399	0.613492	0.588854
4.360954	4.225982	2.589313	3.914914	4.290895	3.92103	2.871174	3.641174	4.550315
2.10371	2.418449	1.133225	1.372911	0.689494	0.945386	3.355334	2.134349	0.986485
3.374731	2.461367	2.937378	2.33982	3.043931	2.463702	2.90478	1.898995	1.974236
2.615689	3.252668	2.954989	2.662377	2.707688	2.820054	3.549543	2.720664	3.173142
0.272675	0.250075	0.171156	0.109807	0.194278	0.243319	0.325283	0.150695	0.099466
0.183984	0.869134	0.161913	0.408085	-0.03192	0.074563	0.073952	0.249675	0.007087
3.34664	3.443152	1.903078	3.714715	3.953532	4.04431	2.435067	3.124854	4.942837
2.944734	2.923836	4.793991	3.501393	3.784245	3.208878	1.541671	4.50214	3.983016
2.432642	4.164559	4.264187	3.281277	3.112071	2.593692	3.14235	4.879271	3.65973
2.48417	2.616263	2.917553	2.619417	2.902349	2.878321	1.379884	2.88291	3.459422
4.805929	5.509095	3.611435	4.619403	4.212315	2.72371	2.767317	5.897394	5.189797
7.439733	8.540564	8.424245	8.070618	7.558608	7.574143	6.365343	8.159378	7.718407
-0.00285	0.04888	0.529498	-0.05326	0.405456	0.005234	0.002329	0.355167	-0.03291
0.902141	0.75152	0.540286	0.662867	0.595946	1.036223	3.490571	0.458993	0.282141
2.335464	3.420409	3.049896	2.295633	2.452642	2.948421	2.273809	2.195889	2.908649
6.953836	6.557886	7.253029	7.601433	7.805004	7.435774	4.838407	7.534293	7.398205
0.084009	0.143714	0.089205	0.006789	0.181853	0.035765	0.000387	0.019232	0.032677
0.411845	1.044373	1.124229	0.192068	0.836123	0.68909	1.256267	0.525858	0.876864
3.349091	4.357386	2.820787	4.366786	3.898557	3.071509	3.616707	4.979531	4.701142
6.489145	5.917036	6.547069	6.398339	6.038084	5.914976	5.015235	6.01607	5.591981
5.142631	5.289163	5.084998	4.699161	5.488248	5.264476	5.053184	4.144164	3.776321
3.765297	4.569267	4.205447	4.928199	4.356605	4.338497	5.225534	4.203546	4.414683
2.916653	3.142448	3.664875	3.64533	3.625756	3.617009	5.160437	3.257105	3.895523
1.36493	0.931612	0.713646	1.026413	0.587015	1.169836	1.077019	0.62195	0.602735
4.952255	5.871283	4.917695	4.457994	4.287283	4.475578	6.768751	5.776334	6.688942
0.009522	0.000681	0.019138	0.00848	0.288946	0.010944	0.000681	0.000681	0.007805
5.678215	5.407901	7.030922	5.473637	5.357975	4.94531	6.812168	6.090613	6.757773
3.86183	4.694504	3.263674	3.542658	3.922265	3.752018	2.860746	4.009187	3.499255
4.732211	5.123054	3.748062	4.399256	3.805495	3.849497	4.886092	4.612343	4.836631
3.01987	3.070463	2.892391	1.598463	2.563514	2.376561	2.546692	1.044886	2.34384
4.347928	3.687781	4.865936	4.64824	5.346995	4.415697	7.401557	4.218477	4.974331
1.567554	1.21574	1.162976	1.262045	1.63921	1.239611	4.259587	1.606582	2.139213
0.066432	0.351637	0.641638	0.309774	1.40218	0.0924	0.224707	0.084508	0.090024
4.86476	4.46291	2.826654	2.69908	3.754661	4.596667	4.384719	3.62169	3.598105
0.549703	0.159774	0.495121	0.344659	0.335925	0.283074	0.131848	0.266087	0.327629
0.115964	0.176461	0.064996	0.138111	0.20393	0.102344	0.053091	0.208914	0.309053
6.461891	5.705508	6.718944	6.224381	5.842505	5.107623	7.358497	6.814589	6.365762
3.34091	3.112874	4.680758	4.994097	3.95607	3.630161	2.790089	4.069283	3.996963
2.205657	2.38072	3.200946	2.408044	2.782862	2.209553	4.098676	2.374957	2.219297
0.970249	1.012007	0.709876	1.272159	1.579288	0.820469	0.705476	1.89128	2.182003
8.369026	7.295227	6.333255	6.90119	6.597196	6.589708	8.590258	6.61138	6.807495
0.025696	0.039469	0.317181	0.012251	0.02372	0.10345	0.198579	0.092788	0.06567
2.503523	2.85517	0.929531	1.935073	1.042202	1.253059	3.365062	2.309095	1.917652

4.362678	2.683839	2.322662	2.270469	2.443113	2.136222	3.625842	2.952538	2.460626
6.764311	6.199868	7.692309	5.835927	5.522722	5.485724	7.150183	6.154275	6.928659
0.338668	0.180645	0.316061	0.188604	0.52259	0.359401	0.154349	0.458684	0.205494
0.164539	0.100579	0.169356	0.088183	0.17299	0.098412	0.146792	0.11353	0.091293
4.715516	4.519283	3.28784	4.354726	4.012045	5.392871	4.937534	4.455712	4.359104
6.829309	5.139535	5.951279	5.843372	7.250746	5.3191	4.948871	5.068313	5.255672
0.142148	0.203183	0.088798	0.130833	0.041506	0.071649	0.064932	0.166392	0.132478
10.63417	9.084643	9.081632	8.401554	8.767604	9.266648	8.651163	11.03634	9.661662
5.470717	4.723325	5.194724	4.730438	4.006896	4.392528	4.545928	4.498102	4.642256
2.490807	3.709847	2.690577	0.687271	2.374764	3.68513	2.699481	2.944141	3.057045
8.529922	7.245996	9.613737	6.064171	6.382629	4.91415	10.45609	7.839716	5.324906
4.071955	2.804235	3.579051	3.50024	3.155034	3.720779	2.543987	2.887892	3.068311
3.372109	3.31932	3.233548	3.347805	2.904998	3.611144	3.7874	2.853455	3.134202
1.866877	1.729654	1.148411	1.136544	0.795484	1.069815	1.170345	1.176077	1.433282
0.086232	0.139274	0.079491	0.048898	0.063516	0.084536	0.03969	0.064333	0.047533
0.389905	0.247236	0.344836	0.803083	0.558859	0.529922	0.372185	0.443027	0.570873
5.217372	6.623885	5.490612	5.119702	4.056451	5.324488	5.504296	5.19714	5.840911
2.314197	2.813323	3.416595	2.49763	2.756796	3.801382	4.290476	2.162426	2.93679
3.266342	3.258435	2.201018	1.608855	0.75097	1.94655	2.890759	1.792607	3.060319
4.194547	4.156244	6.677832	6.169323	5.339533	4.159228	4.795426	5.365259	4.532062
2.110902	3.219288	1.450466	1.665964	0.967523	1.746591	1.793202	1.010865	2.927291
3.571693	5.231561	4.093041	5.381952	5.093554	4.713665	5.427202	4.101566	4.302107
0.695592	0.929698	2.129886	2.207046	1.251935	2.499935	0.486716	1.054646	0.376631
4.146237	3.606002	3.804891	3.052548	3.010909	3.359077	3.380704	2.729747	2.554115
1.302708	1.081229	0.891629	0.887501	0.859565	1.147764	1.558789	1.000641	1.03017
0.985768	1.649277	0.22451	0.420002	0.273896	0.682598	0.938768	0.235331	0.357094
4.640231	4.000522	3.853562	5.391528	5.042818	5.006309	2.40875	4.289665	4.628229
4.281716	5.429802	5.880366	6.118909	6.208011	5.073938	6.083063	6.085147	6.500239
1.382314	1.440588	0.556844	0.60186	0.403621	0.600112	0.709148	1.372427	0.880644
4.223986	4.850792	5.8159	4.601527	4.712125	4.96394	5.404391	6.220462	6.528332
6.407708	6.719019	6.011478	6.675943	7.030245	7.99101	7.450796	5.938178	7.275131
0.13958	0.071039	0.279144	0.086965	0.471017	0.076122	0.112508	0.175882	0.334162
3.556007	3.19601	3.369106	3.16808	3.003594	3.034632	2.77829	3.314818	3.066209
2.252937	2.467624	1.126125	2.18603	1.222459	1.357077	2.491979	3.671478	2.59273
2.625929	2.730845	2.887354	2.954072	2.088275	2.343737	3.819011	2.730357	2.200603
3.688464	4.259881	3.119211	4.441498	3.907589	3.883406	3.481327	3.971282	4.84321
2.413031	2.243102	1.474086	1.370949	2.743369	2.808359	2.343968	0.497013	3.091688
1.470238	2.607208	2.6569	2.327304	2.945432	2.646402	4.884595	1.688196	3.027764
3.62998	4.412996	2.726458	3.77323	2.714578	3.78719	3.316006	3.621113	4.096328
10.93051	10.74418	9.992868	11.10351	9.758718	8.472772	11.44043	10.62183	10.03192
4.739888	4.615095	4.175472	4.768281	4.138025	4.837428	4.541098	4.480625	4.882746
4.133485	5.242029	1.740418	3.737	1.870242	3.042674	3.702708	4.616098	4.847857
5.851257	8.314002	6.832147	8.554406	8.595369	7.464069	6.691271	8.143375	8.317463
3.567519	3.669717	3.580655	4.046871	3.860501	4.537495	4.238042	2.522448	4.467601
3.232705	2.934667	3.200548	2.794447	3.263098	3.476661	1.585824	2.46602	3.070793
1.397968	0.851751	1.363329	0.625254	1.57209	1.034554	0.907886	0.373913	0.373912
3.311556	2.99695	2.86481	2.426043	3.250723	2.761107	2.350358	2.187093	2.780025
4.017836	3.775534	4.30569	5.002574	4.513256	3.971768	4.902062	2.829888	3.5398
3.25339	3.177657	2.919689	2.82108	2.889253	2.488698	2.17075	3.033739	2.631093
1.227164	1.383895	0.825386	1.985375	2.28455	1.199032	1.462495	0.956036	1.635223
3.84234	4.679928	1.558347	3.061436	2.274533	2.829663	3.353671	3.698908	3.74927

1.529426	1.288372	1.867445	0.980212	1.231579	1.542697	1.754919	1.291517	1.552712
2.838223	2.979306	2.575803	2.90694	3.587654	3.059609	2.440847	2.137361	4.070267
4.000951	3.920306	3.946571	3.558882	4.356918	4.050783	3.837653	4.600032	3.453537
4.954883	3.999911	3.693829	4.349109	3.928686	4.201699	3.663767	4.003365	3.559574
0.904832	0.769692	0.851984	0.592013	0.842642	0.711724	2.265	0.974915	0.900244
6.613274	4.821931	4.765315	4.605982	4.248	4.24495	3.9507	4.072766	4.169589
5.457097	4.878623	2.586051	2.095594	1.422686	1.376461	5.792252	4.008199	3.025375
4.767678	4.914152	5.024122	4.306724	4.462572	4.136465	5.050964	4.981692	5.238412
4.956436	4.212587	5.150055	4.98736	4.848033	4.420114	4.286653	4.882185	4.42167
3.738755	4.935	5.235499	4.602271	5.043925	4.960356	3.541322	4.140744	4.90894
3.84517	4.132065	5.046926	5.608076	3.783031	4.123303	5.12471	5.377507	4.6035
5.548799	4.847692	5.122165	5.294584	4.984918	5.325652	6.098015	4.218092	4.042299
4.703261	6.296038	6.00025	8.092111	8.150932	5.359531	5.977803	7.529775	7.665744
2.918865	3.787576	4.87305	4.02212	3.236523	3.774157	4.742042	4.575806	3.869026
3.639021	3.565031	3.414738	3.568634	2.995683	3.021405	4.898383	3.329315	3.829181
4.391941	4.833159	6.526398	6.595437	6.821357	6.262758	5.903889	7.1252	6.509068
1.381123	2.411615	2.838127	1.781133	2.263095	2.077288	2.91363	2.654423	2.52456
3.296179	3.116584	2.570317	2.329794	2.11277	2.553643	3.302286	2.407655	2.787993
2.703785	2.084931	1.485244	2.621392	1.890708	1.880792	2.91495	3.425405	2.686555
3.929957	3.832362	2.20449	2.862284	2.431247	3.004123	4.901236	2.795451	2.113269
0.78312	0.881418	0.195485	0.104569	0.743002	0.305013	0.430552	0.104266	0.951291
3.801946	3.862259	4.556448	4.884126	4.97037	5.182957	5.832244	4.89078	4.655961
3.818786	4.688065	4.957587	6.266867	4.882246	4.552175	4.090374	5.259455	6.223476
5.033066	5.658475	4.820553	5.44346	5.033829	5.281913	3.73719	6.007085	6.171858
0.292242	-0.14226	0.238973	-0.07522	0.833525	-0.14226	0.181996	0.179563	-0.02066
1.919746	0.957269	6.133357	3.672333	2.053061	1.086641	1.05996	4.043154	3.158087
4.265312	2.682809	3.861091	3.348349	3.416333	3.684217	3.751356	2.875161	2.768736
6.501949	5.397123	4.974745	5.112698	3.593912	3.316717	6.953804	6.402487	5.656094
2.293842	1.709977	1.639278	2.396774	1.82886	2.262807	3.231325	1.337467	1.38234
1.925527	2.923583	3.96003	2.667209	3.244993	3.431806	3.211881	2.736106	3.67606
7.98873	6.580907	6.206721	5.247182	5.61975	7.228417	4.17387	6.030963	5.793645
2.131892	2.496576	1.727581	2.023126	2.366818	1.872594	3.311685	2.297864	2.815377
0.630557	0.737446	0.669569	0.518936	0.398251	0.679118	0.380696	0.304173	0.136261
4.751939	4.138596	4.950182	4.287324	4.649914	4.155448	5.05308	4.210673	3.975635
3.641826	5.11349	3.506514	2.616683	2.189266	3.685987	3.176894	3.87303	3.956156
2.723068	2.641696	5.093131	1.089484	5.982138	2.149482	3.086946	0.733989	0.838939
3.183997	2.757348	2.00486	1.826446	1.628229	1.352336	2.265897	1.852602	2.245189
0.139112	0.07997	0.22894	0.093239	0.151885	0.185106	1.403424	0.145112	0.801998
5.987294	5.948223	4.742486	6.064189	4.563998	5.771379	6.501027	5.692049	5.529719
6.035247	6.090972	3.073372	4.113008	4.073461	3.971602	6.572712	6.383714	5.102389
5.778389	5.741487	5.999215	4.838176	6.232609	5.15973	7.873423	5.606208	6.534377
4.576144	4.83834	5.428245	4.667548	4.698764	4.768487	6.168684	5.339748	4.588528
4.436696	3.78982	3.635122	3.745218	3.289178	4.222006	5.225721	3.240244	2.699485
1.852377	2.176671	2.952332	2.757382	2.711857	2.850771	2.900446	3.080098	3.351606
3.637803	3.026994	3.351776	3.585997	3.374568	3.639233	2.958051	2.803812	3.108774
0.532129	0.153302	0.459401	0.486583	0.360974	1.189575	0.140428	0.955346	0.873684
0.730549	1.186134	2.548049	0.211984	1.396869	1.320605	0.732986	0.163721	0.097192
0.921746	0.692842	0.59032	0.2209	0.873216	0.588431	2.982154	1.477645	1.094279
4.937999	3.518692	2.174523	1.070956	1.008163	0.795144	3.137213	1.908934	1.035582
6.181489	5.935482	6.350586	6.289079	6.189708	5.600256	8.19846	6.221572	5.910498
3.762204	3.431809	3.816448	4.074967	3.151	3.538143	3.766097	3.322778	3.259835

3.37713	4.049404	4.641825	4.180914	4.862464	4.150785	6.030331	3.713345	4.004255
3.339069	2.838563	3.944842	2.971705	3.446389	3.376359	3.28519	2.56733	2.644976
3.346067	3.510679	3.299741	2.999397	2.495032	3.410654	1.722103	4.154326	4.061626
2.618969	3.731291	2.870349	2.5898	3.58719	2.941349	5.688338	2.065493	2.672536
4.73547	5.371143	3.696204	6.611878	5.637718	5.814483	5.296812	4.877284	5.240909
2.84402	2.980182	3.641573	3.372635	4.622613	3.524074	4.544658	3.245154	4.89996
2.482785	1.423015	2.552935	2.019673	2.15336	2.788605	2.395343	1.721726	1.710979

TCGA-FG	TCGA-TM	TCGA-DB	TCGA-RY	TCGA-S9	TCGA-HT	TCGA-QH	TCGA-FG	TCGA-HT
0.350171	0.844624	0.858795	0.531129	0.277695	0.297381	0.619131	0.838198	0.98427
1.578562	1.043731	0.597641	1.331983	2.436908	2.430797	1.363263	1.147924	0.921662
6.074793	5.81671	6.095152	5.490071	5.774831	4.678392	5.717056	4.899624	4.891741
3.427737	4.905881	6.514856	3.682328	4.398129	2.737884	2.656961	1.954427	4.659735
0.795801	1.527486	0.444529	0.945793	1.259443	0.91043	1.023953	2.685667	0.837907
8.092367	6.541818	8.041934	6.522625	6.444177	8.104397	7.449923	7.37476	7.10368
5.709506	5.105659	4.352939	5.419984	6.012457	7.707428	5.205873	4.915079	5.19441
0.633295	1.752422	0.38724	1.203425	1.278172	0.58003	1.669503	0.800741	1.258485
-0.09547	0.037112	0.037857	0.036178	0.121856	0.079672	0.058443	0.126682	0.447096
4.097638	5.269385	7.003405	5.975518	4.912427	4.364921	6.431062	6.999967	4.90896
6.026945	4.13607	4.940155	4.270174	4.517786	4.060989	4.238219	4.778852	3.995138
2.872197	3.50112	2.347947	3.068109	3.923952	4.83004	3.520293	2.934896	3.358093
1.61044	1.941675	2.178889	1.793341	2.144975	3.346114	1.532327	2.097203	1.499348
3.462115	3.832027	4.39344	3.198245	3.395329	5.536746	3.047128	2.73756	3.127042
4.326181	4.675764	3.252186	6.535416	4.06547	6.967398	5.044416	5.512516	5.998215
2.413972	2.742711	3.009594	3.212426	4.276226	4.830257	2.558563	4.894188	3.41959
0.629139	0.595204	0.484158	0.802839	2.22915	2.626188	0.760566	1.048383	1.296796
6.37173	8.206703	6.488973	8.335515	8.408165	9.042971	7.421996	8.612101	7.172033
5.786428	4.881883	4.236172	5.044698	4.391219	4.180637	5.953066	6.499323	5.581725
3.129528	3.933787	1.901317	3.441342	3.877988	4.262243	3.398452	5.305814	2.973042
1.777657	2.986619	2.574445	3.718862	2.86323	4.868619	3.335805	3.305546	3.664378
3.343333	3.97106	2.344277	3.550325	2.6711	2.588166	2.484756	2.51109	2.90935
2.291868	2.902012	2.744342	2.781724	2.987622	3.308669	3.338603	2.955233	2.970285
0.586084	0.292924	1.322862	0.384493	0.701233	3.792023	0.328558	0.768672	0.580214
2.416839	3.490583	4.759541	2.984869	3.907643	4.435846	3.882794	4.142464	3.446828
2.915505	2.767599	3.460911	3.766946	3.685101	4.961596	2.715659	1.778463	2.592215
2.540744	0.905837	0.655799	1.068862	0.599791	0.370537	0.579831	1.022715	0.840274
5.352751	4.635652	2.388717	4.549448	4.999503	4.082714	4.559519	5.203259	4.585407
2.713258	4.472133	1.9718	4.213645	3.171203	2.578525	4.127711	3.246659	3.891917
4.398503	4.154257	4.191759	4.178217	4.250374	3.992279	4.804681	4.559079	4.307442
2.085605	1.076801	2.138494	2.401887	2.874363	4.364551	1.456467	2.305434	1.570776
3.842193	5.330284	4.947431	4.981172	4.397953	2.912117	5.697551	2.120018	4.757025
4.341325	5.33557	3.535086	5.708202	3.775087	2.69768	4.524141	3.967411	4.7368
3.559605	2.640458	3.204479	2.817941	3.20251	3.681515	2.496427	4.16448	2.211901
2.146369	4.106219	2.413394	4.482816	3.945835	6.05577	3.304782	3.260503	2.830802
1.489069	1.886343	1.241743	2.293582	2.796302	4.780783	2.231936	2.904283	2.579246
5.869407	5.71196	6.331581	4.836504	5.272082	3.802092	5.905246	5.430077	5.01764
4.320997	3.567917	2.477202	3.576065	4.117936	4.925478	3.718857	4.281403	3.273053
4.524414	3.595416	5.662475	4.781657	5.207766	5.76679	4.441048	4.106653	4.770514
0.082271	0.08682	0.105799	0.07369	0.991032	0.800058	0.094357	0.059316	0.086221
0.692058	0.574897	1.635707	0.310531	0.388037	4.173537	0.362683	0.542082	0.80209
2.231568	3.259924	2.137508	2.610918	3.127891	2.407332	3.078048	3.155696	2.851748
2.618726	1.254385	2.985016	3.011125	3.835172	4.288913	1.125536	2.777548	1.605812
0.504917	0.75519	0.903185	1.751093	0.878006	1.534582	2.031423	0.60556	2.126814
2.079234	1.973659	0.398647	1.041312	2.455529	2.143384	1.548448	1.606124	1.121319
10.26605	9.61145	12.39858	9.609142	10.95384	14.94907	8.213905	9.433915	8.881226
5.642736	7.253694	6.105502	6.220486	5.9212	1.494824	6.984629	5.026168	6.553329
3.630837	4.802463	5.926955	4.937985	3.851609	3.716845	5.600176	5.436864	4.211713
0.89911	0.883754	1.451095	1.530304	0.88552	1.104145	0.601483	4.303027	0.915108

0.673463	1.010481	0.170283	1.147069	0.770034	2.080346	0.420186	0.439562	1.187854
1.507217	0.476594	1.094206	0.424515	0.429376	0.258875	0.612102	0.265434	0.965222
3.057216	2.043736	2.27089	2.41332	1.869758	2.302222	2.292327	3.151056	2.160273
3.564305	5.113391	4.573556	5.501643	5.745907	3.881055	4.999453	4.514415	4.320001
1.818207	4.05018	5.183632	3.999904	3.887182	4.864935	4.392199	3.987478	4.03357
0.221354	0.115742	0.046365	0.143073	0.320035	0.79898	0.143738	0.1729	0.129146
1.649878	0.383524	1.382649	0.562405	2.688103	5.158551	0.469158	1.863153	0.5
7.59432	8.480944	7.469101	7.495622	7.951702	7.804586	6.697402	4.451851	7.001783
8.141138	9.32725	9.938771	8.681634	8.204545	5.20907	10.10958	8.49763	7.901003
6.550949	4.560827	4.03435	3.345189	4.855047	3.456756	4.460159	4.117374	4.080812
0.762753	1.245443	0.552173	1.076144	2.821633	6.02121	0.801333	1.626286	1.254352
7.040937	5.323242	7.881695	5.659852	6.399357	3.777397	5.774224	6.462602	5.218602
2.334108	1.506403	2.779356	0.824568	2.999179	2.402703	0.837409	1.683206	0.851799
1.658624	3.55232	2.734747	3.199461	3.184894	4.695031	3.799391	3.983751	4.392967
0.956964	1.02378	0.543983	0.898202	0.728699	4.544818	1.310095	0.926317	0.909702
7.468269	8.682993	10.13641	9.880993	10.22407	6.275919	8.551904	6.958455	8.935671
2.754989	2.918692	1.779273	2.754042	3.445402	4.68028	3.482489	3.977592	3.300891
3.197146	3.656998	2.919194	3.782549	4.197313	3.124308	3.625017	5.578155	3.497618
3.237712	0.763109	0.407681	1.111648	0.532032	0.29308	0.791073	1.432214	0.81925
3.034846	5.946526	5.450426	5.091735	3.747479	5.077257	6.083793	5.133581	5.273937
3.163969	4.366046	3.208307	3.938731	3.426405	2.895429	4.365177	3.404716	4.023635
2.122693	1.529057	2.430692	1.886295	3.997116	4.23181	1.402138	2.19031	1.572703
2.399234	2.755814	1.27361	2.21155	3.210361	3.706829	2.478955	3.879679	2.755573
3.703017	5.790904	4.295306	5.365095	5.160272	3.543647	5.972155	4.947198	5.122672
4.619292	6.034958	5.293646	6.090269	7.273515	5.19503	5.569806	3.721118	5.228808
0.873637	1.460938	4.310837	2.896772	3.239013	4.66744	2.820125	3.827015	5.002496
3.435007	2.872324	2.102629	3.802975	4.152188	2.891183	1.6752	1.899692	2.231956
2.26585	2.418051	1.225522	2.836602	3.338135	4.508889	1.737533	3.469159	2.154132
1.406614	2.676153	1.679453	2.826021	2.296999	2.908547	2.753999	3.671898	3.029308
1.719445	3.734632	2.138433	3.494973	3.229522	2.937681	3.719734	3.860337	3.336943
2.462894	1.98245	1.125586	1.581961	2.288279	6.164071	2.24595	1.217268	2.615561
6.718833	3.368743	4.243457	3.816019	3.592832	3.180564	3.738755	3.968783	3.845797
8.039392	7.60345	10.17021	7.58251	7.925501	7.126287	7.564195	6.425664	6.631868
1.422883	1.625981	0.22469	1.548909	1.042541	0.586356	1.003836	1.722973	1.126205
4.497943	4.307249	6.287955	4.786994	5.107452	4.405421	5.249558	5.440231	4.767597
1.082167	1.478097	0.424461	0.641501	0.416287	0.350577	0.281428	0.188752	0.58491
1.881971	3.159648	2.1582	3.390308	3.468594	4.025806	3.612082	3.534984	3.88661
4.399097	1.276521	3.525833	1.364155	1.401104	2.064478	2.179832	0.961152	1.308202
3.319978	1.674736	1.499834	1.512394	1.686353	3.738218	1.5747	2.686339	1.740616
2.713161	2.170616	3.226572	2.807997	3.101447	4.218978	2.832923	2.953218	2.402764
3.093529	2.602495	6.201739	5.945414	5.295088	6.937486	3.954067	5.940638	4.841161
0.804664	0.154954	0.35373	0.163078	0.546289	7.037966	0.161355	0.235636	0.495297
3.186873	1.881834	4.310814	2.326672	4.374552	4.837596	1.718133	1.812398	1.811353
0.211478	-0.0277	1.272196	1.748545	0.911584	0.934999	0.109744	0.757863	0.693951
5.603924	2.78049	6.717921	2.809028	3.759125	9.962826	2.305228	3.673175	1.820278
5.459857	3.152885	1.248382	1.828107	1.71875	1.199875	1.706678	2.523674	1.729752
4.359691	4.097327	2.747852	3.488208	4.635455	3.778841	3.731447	4.051343	3.932859
2.472947	2.055868	2.455552	2.762828	3.373543	2.99941	2.510105	3.505834	2.935529
4.893561	4.969427	5.703252	5.606797	5.552633	4.624633	5.483089	7.336074	5.897923
1.958246	1.887416	1.023283	2.555932	3.846637	6.041086	1.425036	2.253175	1.785529
4.781328	7.231013	5.125227	7.13389	5.772221	4.125618	6.65159	5.690285	7.535026

3.050256	1.246324	1.474868	2.486949	2.903351	6.935676	1.514463	2.76468	2.355457
2.911489	2.30783	1.761836	2.391345	2.367605	1.885451	1.893455	2.357734	1.742394
1.968023	2.77291	2.798962	2.940353	2.641343	5.138546	2.94795	3.940232	2.058904
0.162672	0.173879	0.794963	0.624732	1.150765	2.57085	0.05252	0.723608	0.102813
7.951848	8.187449	7.920853	9.006522	8.450674	6.676384	8.522032	3.366331	8.174107
2.458775	5.261616	2.785773	4.174528	4.935215	4.938543	4.803425	4.828613	4.153835
1.620777	2.815405	3.259706	2.538773	3.613419	4.330613	2.645232	2.419963	2.307263
0.506591	0.559077	0.400019	0.638908	1.315013	3.617629	0.544909	0.600429	0.702484
2.97828	4.194882	5.092429	4.228438	3.36291	5.610535	4.040692	5.14191	4.750007
0.803008	0.971287	1.113426	1.025604	3.332331	4.601513	0.792392	1.931808	0.768481
2.768686	2.904331	1.772329	2.615328	3.101151	3.223211	2.939587	3.52305	3.120153
2.810367	2.681182	2.061811	2.689659	2.925321	3.432689	3.044118	3.569474	3.150307
0.184447	0.426749	0.182233	0.103505	0.162538	0.070936	0.225238	0.375483	0.206735
-0.02962	-0.04307	-0.00743	0.1443	0.147493	0.421394	-0.04532	0.053975	0.381799
3.061314	4.746594	0.572246	4.493291	2.843597	3.665391	3.393314	0.35614	3.309751
1.740797	3.31556	3.941144	3.224163	2.67509	3.167799	3.710922	1.893485	3.90467
0.343121	1.951797	0.90611	2.332516	2.773457	3.82232	1.69429	1.447589	3.613656
2.51757	2.534754	2.00612	2.725119	2.010298	2.761823	3.180068	3.838828	3.482074
2.495577	2.394943	5.320585	3.149835	3.838245	4.690597	3.366284	4.822147	3.827902
4.427211	7.12746	8.067234	7.314982	5.980072	3.795471	7.636227	5.131093	6.341628
0.483882	0.554659	-0.05326	0.044655	0.525231	0.134392	-0.05326	0.448894	-0.05326
0.989803	0.708425	1.361601	0.882877	2.104707	2.334181	0.749369	0.58315	0.640323
3.117853	2.442367	1.44907	2.438754	2.781331	2.754281	3.370009	3.007524	3.560765
4.813983	7.492682	7.976015	6.853172	6.093362	3.737875	7.035024	7.581833	6.471942
0.166256	0.221991	0.014251	0.131022	0.197406	0.315961	0.061124	0.998151	0.12657
0.228494	0.261358	0.992722	3.301156	1.303282	3.356162	0.579814	0.314836	1.483351
0.691095	3.245496	3.346654	3.274823	3.753434	4.795465	4.096676	4.556798	4.166045
5.567335	6.562116	5.677089	5.77181	5.409721	4.604527	5.604666	5.030687	5.225699
5.129326	5.633369	5.235344	5.221997	5.559695	4.334911	5.795837	5.641631	5.923269
2.671597	4.443452	2.466357	4.779598	4.596373	3.527681	4.31004	3.956867	4.577572
2.568857	3.976404	1.813968	3.574834	3.926856	7.194597	4.176215	4.549799	3.577741
2.099955	0.835592	1.019449	1.09365	1.886111	5.35598	0.855169	1.480051	0.821327
5.269482	2.183595	5.08612	5.150814	5.580982	7.757685	4.049832	5.2501	4.921054
0.049194	0.189568	0.000681	0.055423	0.007276	0.037455	0.07274	0.000681	0.060916
6.194422	4.626534	3.609542	7.091131	6.662746	7.624047	4.879549	6.274198	5.098361
1.329981	4.236437	1.474056	3.683168	4.363875	4.534977	4.497126	4.81318	3.852738
3.300195	3.976176	2.982919	4.157905	5.013041	6.61011	3.89076	5.972027	4.048317
4.382756	2.822356	1.018766	2.80798	2.555081	1.898446	3.249716	2.850898	2.87836
5.277148	4.369534	5.514155	4.493127	4.521357	5.51018	4.755655	4.433858	4.415279
4.725883	2.092254	1.033026	1.895672	2.272825	3.730572	1.950934	2.491128	1.879404
0.088354	1.019176	0.023172	0.745512	0.177668	0.019935	0.493613	0.22223	0.59432
4.145883	3.831641	4.044791	2.982411	4.450954	3.637819	4.066952	4.684051	3.765054
0.87956	0.272147	0.984773	0.241409	0.315342	0.160338	0.318667	0.125813	0.192292
0.119674	0.220014	0.072548	0.12858	0.058821	0.147678	0.22845	0.27229	0.454162
5.794577	6.583222	6.155244	5.884751	6.718111	5.75337	5.520881	5.205997	4.797496
2.757466	3.504823	2.85911	4.770466	2.830055	2.767043	4.662234	2.630601	4.86441
1.604689	2.418841	0.663735	2.239262	3.140634	3.632978	2.629212	2.093021	2.264796
1.373478	1.202406	1.020472	0.890224	1.35798	2.097408	0.73663	0.525272	1.951658
7.173622	6.08495	7.493975	6.134937	7.851904	10.2804	5.233436	6.897885	6.512624
0.154323	0.081315	0.068072	0.033163	0.119059	0.089204	0.036757	0.11183	0.08466
1.27855	0.984321	1.260459	1.184842	3.082912	5.719973	0.845554	1.9407	1.252057

1.649621	2.579208	0.830291	2.207845	2.748518	3.830134	2.572187	2.81482	2.298711
5.334325	5.248482	5.518941	6.391381	6.896708	6.364045	4.765313	5.31806	5.068971
0.071382	0.266256	0.252799	0.417316	0.487239	2.481752	0.283991	0.124454	0.403252
0.123109	0.242081	0.796201	0.265419	0.184923	1.218892	0.174886	0.94982	0.246244
3.689934	4.818079	5.063657	3.950044	4.961119	5.611614	4.176723	5.599619	4.093122
4.365629	6.705509	3.399389	6.406544	6.475737	6.029365	6.55885	5.456254	5.887964
0.946144	0.06629	0.047394	0.056491	0.043845	0.044079	0.036609	0.06672	0.059266
10.44177	8.758401	14.05041	8.282567	9.151404	9.036681	8.732754	9.984895	8.704556
5.149837	3.971903	4.494077	4.035551	4.337227	4.649264	4.673332	4.816446	3.884694
1.696565	0.941568	2.041924	0.894405	3.722041	4.597517	3.29101	0.726242	0.425616
6.605813	5.273425	7.671937	6.508113	8.897179	8.631471	5.267853	5.449075	4.885273
4.241485	3.606598	1.436652	2.936577	3.595437	3.298134	3.737656	4.756479	3.172184
2.441038	3.782605	1.128706	3.502296	3.193222	3.02206	2.77236	4.190668	3.135932
1.801515	0.733015	0.514476	1.237538	1.995418	2.723611	0.590041	0.839165	1.314086
0.065913	0.177013	0.061299	0.047071	0.059735	0.055513	0.081776	0.080475	0.057652
0.531371	0.750728	0.330107	0.901861	2.164149	0.426339	1.110543	0.422461	1.011564
4.971945	4.879562	3.396455	4.834405	5.504984	5.306704	3.707987	5.31409	3.536804
4.298295	3.0816	2.795948	3.331583	3.768972	7.116052	3.555782	4.932745	3.488699
5.421912	1.902888	1.840726	1.781	4.108462	4.351939	1.095021	2.32601	1.428256
4.908326	4.041469	6.488862	6.42747	5.524852	4.08829	6.040249	4.661909	5.959067
0.785585	0.385882	2.269522	0.468212	1.055215	1.644995	0.503865	0.460565	0.314778
4.18646	4.368118	5.337551	6.214524	5.443402	6.766358	6.333103	4.072246	6.879111
6.311005	0.828508	1.287235	1.425721	1.368662	0.178824	1.067931	1.549679	1.113556
4.991174	3.238358	4.438172	2.938129	3.024441	2.623575	3.29492	3.076984	2.830586
1.672909	1.489069	2.01957	1.886435	1.835326	1.14556	0.953749	3.274901	1.20648
0.27379	0.535769	0.296768	0.151165	0.348202	1.554409	0.29011	0.665093	0.171059
5.149841	4.4214	5.805397	5.606491	3.063854	3.210119	6.885214	3.706756	5.148897
3.750533	4.231819	3.965887	5.446042	4.796687	5.822292	4.950817	4.531235	5.527475
0.686352	0.360841	0.830054	0.76835	0.892338	1.919101	0.337713	1.072298	0.600803
4.837512	2.159047	5.913644	5.549294	5.058815	8.156507	5.101239	4.111287	5.49295
5.916814	7.221216	4.233168	6.560337	6.161877	3.758351	6.508996	6.05837	7.072884
0.407828	0.62619	0.637656	0.203767	0.260265	0.034681	0.343777	0.36493	0.341847
1.93512	2.861464	2.402746	2.59492	2.91788	3.443521	3.139732	2.787051	2.900665
0.529134	0.932091	1.403146	1.643307	2.656679	5.176155	1.494235	1.664234	1.850308
2.190586	2.364878	1.054094	3.028226	3.220412	5.662366	1.820232	2.541339	2.679886
3.131614	3.676586	2.096544	4.188332	3.689511	2.749022	3.702256	1.905532	4.207709
3.424823	1.871097	1.884409	1.405807	2.204164	5.497099	0.51418	0.380939	2.926042
2.373186	2.647254	1.162281	2.027892	3.034335	4.583892	3.757058	0.396528	3.058568
3.109699	3.398973	2.892168	3.773935	3.298005	4.385829	2.663969	4.276262	2.906722
7.153472	8.372888	9.207067	9.270024	9.456666	12.26638	8.897643	8.254172	8.558946
3.428206	5.160002	3.206036	3.800889	3.96317	3.18554	3.945429	3.193864	3.841152
1.513456	2.386977	2.676939	2.874629	4.464112	5.184408	1.944034	2.861228	1.693451
5.784387	8.250418	6.893617	7.964814	6.318126	3.844389	8.025012	5.921859	8.915943
4.056947	3.374592	2.444768	3.693503	3.03989	3.067778	5.092943	3.717557	2.688317
2.309879	3.654312	2.566449	3.531754	2.360156	2.265597	3.844336	3.887597	3.735132
0.803055	2.117816	0.660485	1.120972	1.237282	1.668577	1.3799	1.497331	1.823267
1.567773	3.412847	1.593413	3.013587	2.886418	2.973131	3.192082	3.193546	3.10886
4.519327	4.184868	2.976131	4.663142	3.796958	2.81682	4.544064	2.262141	3.426699
1.596239	2.798077	2.601155	2.678883	3.432412	4.132327	3.099949	3.558298	3.16832
0.423231	2.368993	1.284574	2.435803	1.530197	2.601804	2.554012	2.766492	1.96122
2.152994	2.59399	2.302415	2.196501	3.405051	5.115826	2.315136	4.052521	2.5244

0.817967	1.53665	0.915935	1.163044	1.723312	1.375834	1.720583	1.771043	1.943913
2.62351	2.972173	1.220427	2.865828	3.30145	2.355656	3.461704	2.789952	3.614211
3.380057	3.738518	6.894533	3.565873	3.136526	3.069353	3.430022	3.71509	4.678867
3.799634	3.357352	5.543573	3.613606	3.869635	3.891995	4.02211	4.582397	3.405454
1.033977	0.772398	2.298838	1.417303	2.120029	1.836307	1.012532	3.006081	1.156977
3.786449	4.710294	4.911839	3.90365	5.01072	3.704991	4.298151	4.632374	4.035702
5.055042	1.335475	2.783829	2.313454	2.945315	5.566249	1.67673	2.204574	2.59069
3.636585	3.614688	3.472652	3.899096	4.739699	6.421073	4.409865	4.938498	4.290222
4.16169	4.130291	4.641371	4.250312	4.253475	3.474778	5.090228	4.861299	4.899406
2.660331	5.819069	2.395081	5.25042	4.522693	3.612234	5.283822	4.973397	4.5377
4.550728	4.275697	5.119638	5.196851	4.596415	3.38207	4.086032	4.115006	5.430117
7.001701	4.940783	5.639461	5.015803	5.124683	4.8455	5.337626	5.489063	4.837578
3.226672	5.469364	6.574076	6.257854	5.528443	3.900325	6.35428	4.672484	7.394918
2.140874	2.901568	3.767746	4.514473	7.038585	3.346654	5.061546	2.10781	4.692976
4.176703	3.451658	2.38317	3.946523	3.661973	3.869026	3.318626	5.123564	3.383284
5.863464	5.156751	6.492757	6.47829	5.627304	4.62045	6.846002	5.228379	6.527116
1.303578	2.008111	1.153316	2.278278	2.394929	2.740734	2.881894	2.747023	3.302256
2.605301	2.200604	2.229602	2.198249	3.585248	4.413808	2.468428	3.405462	2.623174
1.358186	1.825612	3.146133	3.161341	3.660333	7.208469	1.706773	2.639888	2.399443
3.391779	2.206515	4.001278	2.39258	5.179809	4.618449	1.701785	2.144475	2.444829
0.2099	0.126507	0.091217	0.262947	0.382651	1.158254	0.899178	0.403016	0.715991
3.560535	4.943673	4.565838	5.574575	4.937137	4.485076	5.368842	6.053832	4.758727
3.482387	4.321073	3.091505	4.611738	4.050601	3.905292	4.441485	3.078623	4.356762
3.435737	4.934684	4.985336	5.689707	4.471599	6.125673	5.650176	5.382728	5.412312
0.622896	0.382212	0.454759	0.089725	0.340624	1.058129	0.675793	-0.14226	0.442811
2.765543	1.041846	1.281924	1.515616	1.596506	3.741307	1.722363	1.298749	1.362464
3.788759	3.18448	2.924074	3.455068	3.995689	3.244742	3.631514	5.044167	3.552655
5.134051	3.060572	2.467355	3.246021	5.08058	7.22542	2.884741	5.387175	3.417777
2.336559	2.284296	1.788487	1.619502	2.205067	3.106693	1.642751	1.745518	1.629946
2.701717	2.891331	2.273733	3.489704	3.343476	1.525775	3.989954	3.726757	3.689103
7.426833	6.816251	6.779558	6.919847	5.258651	4.876338	6.709724	6.527458	6.518403
1.35518	1.857429	1.258191	1.95296	2.370843	4.160917	3.48801	3.731623	2.850872
0.609346	0.296272	0.225682	0.49093	0.453201	0.57441	0.509862	0.825202	0.708757
4.762166	4.780269	2.446992	4.380804	5.619752	5.348499	4.543277	5.66656	3.39978
3.156943	3.273626	1.967491	3.541025	3.570901	4.142328	3.426687	4.611775	3.307284
1.57618	5.137704	1.376946	4.754098	2.91747	5.394084	5.462448	3.408852	4.892328
2.357717	1.388239	1.726536	1.363055	3.183087	3.066844	1.041388	2.299287	1.708584
0.194245	0.659285	0.094995	0.507652	0.063309	1.421399	0.051128	0.191578	0.134571
5.477096	5.404034	4.610591	5.259604	5.127691	6.401196	4.610106	7.230879	4.210086
2.870874	4.111687	5.361107	3.466978	6.846543	6.634347	2.755015	4.563433	3.215393
3.828542	5.758955	5.754854	4.983043	6.50472	9.291183	5.612413	7.531668	5.901404
5.245424	4.925311	5.327393	4.966775	5.738228	5.113103	3.658627	5.676918	5.921427
4.878701	4.052673	4.700471	4.066961	4.415014	4.559927	3.407076	5.18809	3.457439
1.883167	2.416348	2.252956	2.680587	2.994988	3.200442	2.627682	3.658646	3.324329
3.536726	3.581743	3.329448	3.273023	3.22964	2.994574	3.991753	3.729562	3.347542
0.817424	0.168648	0.462266	0.679611	0.166586	1.399652	0.159896	0.041174	0.373175
0.249753	3.035404	0.813083	1.17782	1.375248	0.113547	2.596448	0.125115	3.068404
0.580721	1.036142	2.635763	2.476097	2.277466	2.326116	0.948779	4.026106	1.062377
1.310996	0.904073	2.064645	1.228481	2.786908	9.417016	0.981461	1.52671	1.786639
6.964681	5.621169	7.107776	6.316019	6.846708	7.014715	5.998973	5.668666	6.493497
3.180584	3.331622	3.713691	3.218892	4.057829	3.889616	3.064411	3.973123	3.141951

2.185657	4.846212	3.919536	5.438749	5.531182	4.235983	5.281615	4.107877	5.290454
3.275116	3.745807	2.888888	3.388986	3.715049	3.910598	3.386532	4.915608	3.012637
4.400248	2.755089	3.396294	3.056504	2.312281	2.441766	3.736189	2.246201	2.994759
2.327647	2.923876	2.775419	3.022236	4.088371	6.13447	2.8097	4.265742	4.498406
2.916171	5.743201	3.525028	5.080464	3.852227	2.383051	3.567385	4.005462	5.813175
2.284591	3.984476	3.127384	5.63079	2.425128	2.703648	5.483353	4.187486	5.357492
2.28375	2.260647	1.116064	2.018425	2.59027	2.140496	2.216918	3.317693	2.387609

TCGA-S9	TCGA-QH	TCGA-P5	TCGA-DB	TCGA-DB	TCGA-VM	TCGA-TM	TCGA-CS	TCGA-CS
0.652565	0.106503	0.171658	1.341997	0.637047	0.250661	0.055305	0.715556	0.087945
1.047034	1.547111	0.498663	0.646786	0.958066	1.391019	0.723033	1.162233	1.256107
5.587	7.012635	5.033562	5.078653	7.06109	6.97232	6.043947	6.42153	4.517939
5.00846	3.586037	4.590057	1.018446	5.641365	4.718342	6.514494	3.718749	5.535361
0.971231	-0.06692	1.16803	1.176084	0.839545	0.252686	1.140167	0.814708	1.448651
7.066306	5.935394	8.779871	6.242655	6.807093	7.297177	7.10851	7.447226	7.361474
5.912955	6.314155	4.860638	5.225096	6.079691	5.433927	5.291747	6.762824	6.294947
0.955243	0.504515	0.649156	0.805625	2.180347	0.41709	0.89735	0.752185	0.575238
0.125644	1.680248	0.074124	0.08493	0.171093	-0.03058	0.290557	0.091861	0.068677
6.792069	4.602601	7.347206	6.111617	6.408847	5.020071	3.947628	5.861876	6.279898
4.878582	4.347311	4.602609	4.599339	5.155799	6.479474	4.290235	4.69438	6.840739
3.563767	2.594805	3.672344	3.737098	3.638818	1.08436	1.747249	2.726959	2.891481
1.892409	2.531841	0.384172	0.896061	1.867963	3.405755	2.01932	2.833563	1.614677
3.199116	5.481823	3.280268	3.297552	4.397321	3.85622	3.430213	2.718054	3.437044
3.89587	5.496561	3.275664	6.031378	4.803598	2.522898	10.75793	5.843666	4.70287
2.405475	3.250292	2.438462	3.287488	3.349654	2.029192	4.123545	2.507425	3.229345
0.669739	2.0705	0.706224	0.313096	0.895145	1.227063	2.461568	0.869803	1.0729
9.014168	9.131765	6.526146	7.6396	7.868604	8.774764	8.304972	7.940795	7.961917
4.474267	2.513745	6.061479	5.952699	3.744513	3.228685	5.059554	5.596907	6.444637
4.265055	3.707132	3.422183	4.593493	3.690859	2.236287	4.872854	3.543105	3.940222
3.527884	3.390601	3.175128	3.88249	2.728132	2.36142	2.84586	3.651308	3.21915
3.644108	3.406683	2.638103	2.922869	3.39573	3.889591	2.849934	4.019821	3.700989
2.891544	1.867948	3.049576	3.437074	3.596731	2.186873	3.572125	3.008118	2.568897
0.372957	0.648701	0.45132	0.663543	0.244902	0.582703	0.483425	0.284108	2.222079
3.831794	3.434025	3.677805	4.126295	4.835235	3.262707	3.933367	2.734342	3.251789
3.070851	2.287069	3.092452	3.108755	2.431491	2.107142	4.26763	3.559086	4.410888
0.7349	1.639152	0.634782	1.149185	0.707421	0.774674	0.562552	1.258764	0.83749
4.292527	6.504568	4.236246	4.821928	4.727124	3.798388	6.869302	4.896312	4.258886
2.463012	1.815596	2.118672	3.415789	4.230213	1.51231	4.076966	1.963801	1.330719
4.568475	3.904413	4.911332	4.960646	4.996196	4.298094	4.373292	4.582673	4.414366
1.661278	3.228825	0.541559	0.772181	1.759913	4.300048	1.338579	2.110333	2.021039
5.478955	3.539707	4.710621	5.246261	5.318235	5.411056	3.747543	6.277054	4.219786
4.905127	5.497574	4.561195	4.694682	4.835427	4.390256	4.337945	4.969016	4.912858
2.438469	1.971541	4.07381	2.600652	2.987907	2.115878	2.356975	3.107939	3.578453
2.397954	2.347377	2.252154	3.658491	3.859327	0.930841	1.999191	1.851236	1.939247
2.402122	1.972394	1.807656	2.819458	2.199624	1.70105	2.408906	2.349665	2.777996
5.199089	3.619315	4.769829	5.422887	5.857582	6.866358	4.036127	5.07618	5.601503
3.96005	3.951116	3.256612	3.558484	3.878815	4.156017	3.461239	3.356637	3.051491
4.720002	4.801622	4.296516	4.278186	4.461952	5.731004	4.860585	5.916033	4.873417
0.077037	0.181856	0.131976	0.107058	0.068464	0.055816	0.133991	0.174014	0.190468
0.724486	0.408099	0.298356	0.329501	0.402489	1.045172	0.635007	0.486396	0.311022
2.899608	3.034048	2.821018	2.719125	2.981993	1.724407	1.873157	1.940343	2.439437
1.598844	3.481483	0.696834	1.091146	2.236387	5.05104	2.390309	2.82457	2.12539
1.371056	0.684844	1.001054	1.657628	0.569062	0.518308	2.301709	1.336414	0.247184
0.556849	1.027084	0.242035	1.071743	1.441052	1.132378	1.199388	0.543277	0.250601
9.727208	10.99519	8.515744	7.794958	10.13066	13.96479	10.63615	10.19937	10.74276
5.795734	3.518625	5.74132	6.143413	7.14349	4.641495	3.728652	6.293829	5.226968
5.028908	3.34495	5.390723	4.908289	5.371089	2.710667	2.310108	4.498389	4.903683
0.749815	0.232736	1.334793	1.233274	0.557319	0.299001	1.805075	0.491667	1.197534

0.878727	0.677652	0.187909	0.567433	0.726675	0.19748	0.363387	1.406398	0.557695
1.053488	7.77047	0.445263	0.76214	1.864302	0.559694	1.051446	0.619038	0.643085
1.716778	0.806943	1.719038	2.847514	2.260844	1.423962	2.95958	2.489919	1.801049
5.229964	6.096886	5.405924	4.608926	5.528882	4.254148	4.760858	4.040664	4.317557
4.651238	5.001695	3.802138	4.111293	4.178071	3.77515	4.123966	4.089036	3.418033
0.101674	0.13401	0.059042	0.042034	0.186785	0.156392	0.446743	0.138072	0.130818
1.218242	1.009933	1.096768	0.354966	2.129557	0.860925	3.38071	0.540106	0.781807
6.170791	8.629651	5.842976	6.343999	6.534489	9.417206	7.766939	7.927113	6.463916
9.671161	8.333428	8.943465	9.470047	8.015561	9.313679	7.259555	8.364177	8.680415
3.833346	2.944723	5.626066	3.807279	4.727445	2.709409	5.911345	3.80196	3.914789
1.229939	1.370022	1.269027	1.178301	1.56051	1.285408	1.470018	1.542225	2.322979
5.652932	5.529191	5.324837	4.819996	5.241184	7.31762	4.93124	4.983572	3.130124
0.704258	1.998482	0.854375	0.653954	1.036127	5.01823	3.451688	1.620224	1.49823
3.801111	2.683539	4.150075	3.68823	4.22234	1.719908	2.283437	2.374084	3.325108
0.728132	1.191104	1.233545	0.730295	0.816258	1.114198	1.107963	1.411946	0.636228
9.349791	10.88586	5.115653	6.847112	8.537486	12.38576	10.49647	10.35275	6.485413
2.861673	2.728575	3.204196	3.423932	3.092041	2.102913	5.222758	2.951905	3.242367
3.813671	2.908202	3.816995	4.329131	3.974637	3.172445	4.82383	3.474888	5.035722
0.807171	0.512309	1.267714	0.618201	0.524343	0.730953	1.835564	1.121346	0.545172
6.009696	4.459125	5.550784	6.02635	5.732416	5.212055	6.668516	5.403382	4.520964
3.956493	2.879126	3.998012	3.966992	4.353587	2.290457	3.547254	3.286523	2.694132
1.590973	2.284547	1.450321	0.934799	2.138157	3.57102	2.970029	2.484149	2.472026
2.292231	3.235216	2.506032	3.294268	3.198448	1.443887	2.98763	2.869064	3.203302
4.651707	5.31374	4.499449	5.139479	5.957315	3.306523	3.467496	4.043169	3.331834
4.408617	5.602709	3.21409	5.567902	5.509241	5.124601	5.804362	3.585911	1.774437
4.577637	6.360883	3.386254	1.356443	2.317654	3.288747	1.322021	2.422615	1.375906
2.716594	5.985037	1.018535	1.696238	2.548339	4.643852	3.93372	3.989486	2.498873
2.111394	2.528151	2.376972	2.368434	1.977441	2.708897	3.555573	3.479951	4.040752
1.929133	1.719014	2.570702	3.57868	3.514762	0.989963	2.712205	2.763712	3.933268
3.190865	2.700628	3.31089	3.805555	3.915693	1.97649	3.061123	2.803474	3.302253
2.570086	2.682625	2.06853	2.36571	2.620986	0.992394	1.257238	1.114074	1.250917
3.523608	3.578509	4.076115	3.364579	3.971806	4.45522	5.177273	4.028517	3.514375
8.018695	8.273692	6.980442	6.932194	8.115174	10.82074	7.729847	7.057574	6.80525
0.621822	0.286657	1.046542	1.033628	1.109423	0.473048	1.069714	1.15026	1.075066
6.012062	4.919643	5.407948	5.738867	5.520727	5.377076	5.67783	5.155583	6.13785
1.556681	0.439775	0.215628	0.825314	0.828379	1.874156	0.595512	0.864256	0.201191
2.939438	2.75338	3.618302	3.925672	3.372081	2.133582	4.089878	3.625815	3.990548
4.338981	2.5635	3.335508	3.052223	4.30455	4.556641	6.280671	2.826237	2.561532
1.933108	2.018613	2.418881	1.926402	2.219262	1.782281	2.647369	1.801572	3.015233
2.787263	2.71784	3.096086	3.353318	4.070172	3.625524	2.888515	2.812373	3.72802
6.010222	3.534691	5.289573	5.557609	6.084445	4.692198	4.843493	4.384865	2.56177
0.230909	0.387261	0.125383	0.128071	0.582696	0.259165	0.557809	0.184337	0.407377
2.351156	4.212048	1.606037	1.095173	2.44865	6.434072	2.381347	2.977629	2.653783
0.597549	0.679512	0.048215	0.687491	1.206297	3.110431	0.026114	0.343722	0.019941
2.998511	3.992929	2.33492	2.358519	3.735528	4.793595	3.990376	4.155264	4.244597
1.8432	0.95614	2.421586	1.693524	1.851726	2.910853	2.580613	2.146435	2.079227
3.389946	2.994822	3.36191	3.679198	4.253833	3.051784	3.234917	3.828834	3.354667
1.640277	3.075828	1.526493	1.933463	2.92172	3.408868	2.269251	3.01288	2.439352
6.415316	5.454587	6.080402	6.70602	6.832259	6.126322	5.752588	6.336964	4.941307
1.536984	3.495556	0.924201	0.799931	2.162653	3.882895	1.793739	2.235125	1.464244
6.502035	5.040753	4.904752	6.383572	6.517406	5.857383	4.826304	6.217863	6.158505

2.223876	2.423536	2.778941	1.092501	3.767062	2.045803	2.348209	1.451384	2.854334
1.917522	1.689551	1.751695	1.875402	2.013933	2.533249	5.127329	2.436427	1.873487
2.581544	2.688571	3.020563	3.847552	4.145735	2.160911	4.169054	3.39539	3.297112
0.016953	0.155441	0.094119	0.005022	-0.01725	0.939039	0.090292	0.263979	0.259407
8.226262	9.630963	7.729591	7.905737	8.896566	9.425791	8.170756	8.587749	8.160142
4.325492	4.5052	4.193838	4.366406	4.477816	3.605191	6.189368	3.684489	4.075988
2.602345	3.162762	2.352593	2.448183	2.063587	3.138001	3.04275	2.181639	2.984338
0.509889	0.525521	0.685936	0.457785	1.100318	0.463096	1.499764	1.015615	0.365264
3.532825	2.375853	3.719017	5.600296	5.018189	2.457406	2.780155	4.657013	5.873291
1.000539	1.59498	0.419712	0.809834	0.942913	2.443528	3.611196	0.83487	0.540776
2.430441	2.187989	2.772726	2.991528	3.224777	2.17848	3.503034	2.405278	1.55799
3.012032	3.00114	2.286418	3.624734	3.255543	2.184827	3.503012	3.201277	4.254747
0.067142	-0.01314	0.191578	0.399092	0.44607	0.048439	0.146553	0.098655	0.02666
0.028442	0.007086	-0.04713	-0.01708	0.134091	0.066047	-0.02853	0.051534	-0.0277
3.416578	3.237301	1.336249	2.112426	2.339214	2.212039	4.66796	3.846227	3.957429
4.522391	1.899565	2.295286	4.939521	2.674319	4.181981	2.129644	4.50413	2.606115
2.307965	2.811293	1.611758	1.3402	2.895347	2.733552	1.391841	3.398164	2.775011
3.385869	1.379542	3.424683	4.032848	3.282738	1.873921	1.879139	3.178391	3.505707
3.357008	3.762291	3.210072	4.048321	4.159661	3.7624	3.596228	3.820689	4.021277
7.214534	8.232741	5.807323	6.486779	7.050933	8.004524	6.698416	7.202006	5.827032
0.035779	0.022735	0.007822	0.161261	0.108075	0.023258	0.230036	0.04049	-0.02858
1.061814	1.864986	0.221714	0.91732	0.680832	1.302281	2.283054	0.664179	0.362308
4.003398	1.47928	3.654572	3.489183	3.443603	1.777534	2.533456	3.335804	2.801743
6.419248	7.110951	5.486648	6.060429	6.691254	7.46175	6.092702	6.494946	6.372607
0.064556	0.1135	0.073643	0.055753	0.054105	-0.02073	0.085424	0.113578	0.35919
0.262092	0.709679	0.182213	0.961588	1.918778	0.302676	0.195503	0.345364	0.285733
4.297769	3.709916	4.645127	4.643512	4.501764	3.74597	2.345815	3.442517	5.903161
5.656965	5.788247	5.017121	4.731399	6.126977	7.226435	4.445589	5.639323	5.308176
5.18573	5.181136	4.471984	5.728416	5.708223	4.587321	4.926322	4.738405	4.726262
4.516136	4.783173	2.99017	4.333738	4.08444	3.584064	2.921128	4.068884	4.033105
4.313312	3.553007	4.97923	4.393471	4.443611	2.126547	3.405814	4.127461	4.402568
0.686171	0.558631	1.659727	0.806908	0.905888	0.904615	1.662128	0.933329	1.485008
3.51026	5.791604	3.25606	3.666466	5.729705	5.148201	4.545634	4.282349	3.970223
0.055095	0.24088	0.000681	0.000681	0.238998	0.014117	0.009106	0.007281	0.000681
5.719422	6.012229	3.875948	4.902988	6.432795	5.606952	6.352458	5.222333	5.48877
4.10244	3.900542	3.903947	4.290391	4.414133	1.600941	3.840369	3.713283	3.623594
3.997461	4.329175	3.921729	4.400998	3.933221	3.89269	4.435491	4.218459	5.057215
2.600485	1.416966	4.582302	2.761301	3.21907	1.802679	4.844142	3.202439	2.039005
4.971771	4.113823	5.299492	4.450872	5.757568	5.580918	4.56683	5.568265	4.879422
3.144162	0.587124	3.570631	2.965666	1.929691	2.082511	2.273014	3.437128	2.356155
0.171994	0.007441	0.043453	0.388052	0.912009	0.096366	0.02168	0.029694	0.050877
4.137999	3.669344	4.919994	4.94119	3.98618	2.643653	4.721159	3.481217	5.696769
0.34633	0.345633	0.208797	0.418765	0.384263	0.582042	0.867522	0.440091	0.443047
0.594791	0.155748	0.291388	0.195215	0.31404	0.130644	0.053439	0.069011	0.054609
6.11171	5.402032	4.681986	5.152095	5.948512	7.893352	6.098472	5.112459	5.701402
3.23158	3.440192	2.648425	4.553732	3.531919	2.954431	3.158326	4.281499	3.45331
1.328788	4.44085	2.358174	1.869413	2.769015	1.376409	3.778833	3.299258	2.354381
1.02347	1.103454	0.853418	0.838793	0.964921	0.830632	1.462064	1.015799	0.672448
5.268277	7.050459	4.614452	5.860039	8.011478	7.493477	6.253132	6.528108	5.620426
0.059337	0.104494	0.033929	0.046748	0.176984	0.05277	0.087506	0.012251	0.025391
1.007797	1.291284	1.441876	0.698919	1.622353	2.262174	2.190982	1.892447	2.087258

2.589418	2.860172	2.985044	2.844302	2.268124	1.098032	3.068732	2.635256	3.155969
6.016776	8.436022	4.405563	5.308692	5.877652	8.888363	6.476624	6.116214	6.422404
0.57071	0.544315	0.074154	0.430822	0.429049	0.158025	1.00771	0.172343	0.446822
0.120601	0.063013	0.272755	0.222123	0.118777	0.055504	0.258392	0.061072	0.209991
3.933443	3.383374	5.085289	4.268855	3.430478	2.619977	2.985214	4.113384	4.582575
5.323023	4.728554	4.980165	5.943095	6.235335	4.111372	4.493289	5.926113	3.907626
0.100082	0.201432	0.132879	0.063786	0.032232	0.055509	0.030418	0.139817	0.169706
10.93537	7.948925	11.9878	9.649924	9.272635	12.55812	8.762122	10.0813	12.54501
4.647535	3.673963	4.61721	5.004521	5.01964	4.756399	3.936979	4.422468	5.490572
0.421196	0.819264	0.296496	0.451588	3.143766	0.73556	0.783329	0.521777	1.463925
7.640104	8.659735	5.321273	4.201448	6.766019	9.927323	8.450609	5.689797	6.252077
3.375172	2.867811	3.88179	3.920102	3.156589	2.282019	3.174306	3.115607	3.759603
2.516158	3.442311	2.595202	2.809813	2.729446	2.273787	3.566499	3.382498	3.931844
0.868989	1.499001	0.747614	0.791446	0.973291	1.567571	2.188018	1.644853	1.506983
0.133468	0.042126	0.061958	0.078978	0.061895	0.046727	0.148785	0.066354	0.067919
1.475647	0.290396	0.524452	0.424259	0.866979	0.447807	4.524984	0.530245	0.622428
4.138072	6.197673	5.144277	4.386079	4.318916	4.428782	6.111868	5.459319	4.960277
2.567146	3.284206	4.916723	2.593762	2.835791	1.375514	5.179215	3.748524	2.961078
2.661436	1.948517	0.420534	0.99025	1.021094	4.437962	3.741274	1.36018	2.598954
5.612406	5.34082	3.205112	5.887786	5.839228	6.343349	4.915338	6.839726	3.409588
0.595615	1.607161	0.402111	0.397155	0.996669	0.551039	0.345506	0.956345	1.687996
4.69014	5.050016	5.624652	6.041576	5.138406	3.29652	5.549096	6.631586	6.056702
2.008387	0.701713	0.885277	1.104001	2.16176	2.883692	1.306909	1.264098	0.561257
2.89308	3.418045	2.845628	3.072533	2.929346	4.494202	3.610397	3.203402	2.717195
1.184417	0.790176	0.805483	1.742966	0.747906	0.809671	1.647033	0.902247	1.762765
0.443639	0.194088	0.555566	1.748142	0.875929	0.113904	0.271912	0.137426	0.387007
5.084658	2.452315	5.007644	5.865169	4.846819	3.789407	4.147324	4.448866	4.554139
6.300882	6.85597	4.496546	5.075146	4.92881	4.334041	6.017646	5.636818	4.528357
0.351478	0.484783	0.288038	0.408036	0.701702	1.471062	0.674512	0.579968	0.842433
4.817912	5.850995	4.102155	4.924687	6.30143	5.405697	3.492607	5.632681	3.915581
6.282157	6.727037	6.657546	6.014363	6.034333	5.754455	5.782823	5.674326	6.976627
1.561518	0.162808	0.809411	0.932791	0.69987	0.505734	0.102129	0.228986	0.137269
2.611991	3.215639	1.798815	3.000207	2.857433	2.967364	2.585295	2.941616	3.312336
1.55909	2.355316	0.803327	0.454324	2.605227	3.381382	1.139298	1.659461	1.968704
2.28539	3.804414	1.801923	1.801624	2.218913	1.728146	3.415109	3.156636	2.365486
3.825889	2.627104	3.108608	3.721159	3.837735	3.006623	3.726192	3.828349	3.567965
1.619424	0.71912	0.426292	1.222347	2.61644	1.661091	1.965998	1.380426	1.994103
3.320027	3.544633	2.4332	1.856353	2.457072	2.951255	3.266201	2.94686	2.587431
2.738004	2.715723	2.968278	3.092252	2.685841	2.378027	3.170671	3.624003	4.433971
9.310071	9.019084	7.206308	7.797348	10.49916	10.99618	4.874268	11.5284	7.681156
4.053656	5.69586	3.948846	4.163877	4.440929	4.55972	5.544793	4.275069	4.504093
2.527014	3.02406	1.306023	0.772529	2.053131	3.957692	2.289634	3.210601	3.63697
7.917523	8.808095	6.844294	6.863598	7.332439	7.445037	4.263988	6.991572	7.206397
4.113227	2.738184	3.72413	3.959714	3.321557	2.815004	2.975271	4.54241	2.445703
3.512645	1.272204	3.199329	4.09192	3.172037	2.050095	2.698448	3.176007	3.234472
1.349981	0.966142	1.012285	1.379771	2.401235	0.526289	0.715704	0.545007	0.402913
2.548823	1.994232	3.013894	3.109259	2.877656	1.077869	2.835611	2.645575	2.676136
4.000052	6.254419	3.762335	3.807222	4.699657	4.137949	5.247871	4.551501	3.457449
2.830578	1.246115	2.909872	3.415428	3.970463	2.107681	2.53139	3.619087	3.572241
1.356094	2.201266	2.184642	2.257223	1.141284	0.692316	1.025556	1.482497	1.277938
3.055102	3.198926	3.00666	2.738342	2.261431	2.921977	3.70285	2.564583	2.863052

2.302321	0.756802	2.077515	2.230028	2.496805	1.440283	0.776812	1.635587	1.721827
2.316642	3.476407	1.339251	2.956688	3.178665	2.534061	2.387637	2.001648	2.348524
3.198338	4.449068	3.112895	3.077761	10.97379	4.416439	2.981968	3.996014	3.57846
4.367696	4.054136	3.841333	4.272265	2.616381	4.896165	3.705191	2.813845	4.308899
0.949336	0.74183	1.200165	1.629682	1.100485	0.646748	1.847522	0.894847	1.707066
4.221306	4.985254	3.364855	4.386991	4.826181	4.726449	4.487715	4.361101	4.883397
2.217365	2.152211	2.394572	2.597527	2.992759	2.081651	2.695828	3.643699	4.761115
4.213648	5.307004	4.439678	4.238405	4.767797	3.679576	5.438233	4.75233	4.979824
4.833901	4.649712	4.442324	5.01117	5.471011	4.593002	3.357358	5.008555	4.377947
4.30188	2.854479	4.026116	4.847887	4.539276	2.035117	3.807971	4.721667	5.465282
4.177566	5.032243	4.942185	4.8062	4.401574	3.836179	4.81802	7.394505	5.21285
5.752117	5.486484	5.168483	5.566793	6.037753	5.435152	5.521513	4.991465	5.464793
7.310934	9.578246	5.583848	5.271868	5.362501	7.215318	3.07368	4.930687	3.770105
4.651249	5.472235	2.300231	6.097359	4.610305	1.22324	7.778313	4.746617	4.009319
3.002256	2.987839	3.230415	2.600225	3.147139	3.561963	3.895139	3.57721	4.196447
6.562342	5.791182	5.128689	6.389427	6.167584	6.073867	5.098828	6.748549	4.818541
2.117477	1.029747	2.181237	3.068782	2.591479	0.995911	1.555196	2.94231	2.553453
2.399126	2.210811	2.274717	2.476156	2.830083	2.130997	3.530038	2.334098	2.866477
2.249786	2.846341	1.863979	2.0191	3.02565	4.068733	3.415177	2.701323	3.106084
2.859702	4.66361	2.27009	1.695593	2.785721	4.861123	6.150607	3.414045	2.598422
0.221648	0.069216	0.122938	0.211894	0.716951	0.20475	0.257461	0.133373	0.12228
5.52659	6.044846	6.727573	5.866709	5.434553	3.329735	4.675275	5.806607	6.546808
4.765986	5.208756	3.989247	4.390361	4.823608	5.30429	4.27978	4.966768	6.11292
6.070331	4.366022	5.831677	6.2473	5.399587	4.028319	3.40802	6.093863	5.839976
0.120205	0.154781	-0.14226	0.174564	0.019243	0.084163	0.401748	0.133696	0.146342
3.620758	2.319365	1.39478	1.583561	1.056012	3.594402	1.129193	4.360004	0.983306
3.417618	3.035167	3.853603	3.64388	3.440463	3.073963	3.955505	3.365896	3.984367
3.276607	5.215138	2.223656	2.620384	2.522287	4.820928	5.159114	4.963672	5.83737
2.05202	2.844506	2.015281	2.20977	1.906811	1.338769	1.379417	1.982752	1.781246
4.436174	3.409907	3.396718	4.005708	4.016622	1.325991	4.077973	3.912282	2.887553
6.313801	5.188548	6.354913	6.840644	5.728178	5.850352	8.373018	6.729664	6.016076
3.34996	1.347275	3.175584	2.967729	3.032155	0.87437	1.09289	1.963225	3.285699
0.469669	0.281137	0.665965	0.789149	0.6874	0.208878	0.797403	0.634837	0.370524
3.974886	5.561574	3.477672	4.456766	4.482251	4.00992	5.017424	4.107792	4.510977
3.287619	3.542041	3.019555	3.888379	3.332703	1.913144	3.608153	3.538926	3.82567
2.382774	0.624965	0.888022	4.502522	4.957305	0.661717	1.565418	2.010229	1.281196
1.302676	1.69652	1.105599	1.690205	1.388878	2.481343	3.795243	1.39607	1.662194
0.10427	0.486673	0.047161	0.122631	0.493836	0.092139	0.167162	0.187954	0.029049
5.038037	6.016153	5.252675	5.205985	4.85066	4.349659	5.627704	5.576531	6.587641
3.901295	6.282653	2.59275	1.681837	3.872302	8.539574	4.32617	2.521811	4.409797
6.146038	6.450449	7.147492	5.66711	5.515657	5.38878	6.312607	5.130288	7.267589
5.161272	4.426796	5.022035	5.469506	4.521938	3.229211	5.785564	6.075986	7.081569
2.752244	3.795024	2.829057	2.440859	3.790366	5.646013	5.471901	3.834292	3.407589
2.55785	2.295977	2.96636	3.284417	2.335203	2.620975	3.055193	3.697295	4.262331
3.607375	2.733941	3.61753	3.652196	3.404324	2.992457	3.408237	3.356172	3.902996
0.669148	2.037566	0.033303	0.397235	0.137384	1.243752	0.176006	1.030113	1.290134
0.515317	0.119977	0.258389	0.580856	3.51715	0.167088	0.458028	0.205939	0.118864
1.848374	0.413731	1.21001	2.29833	0.444962	0.31965	2.311471	0.564844	1.685343
0.937828	3.965331	0.559163	1.059207	1.938921	2.720917	1.66683	1.072373	1.580547
6.499824	6.295282	6.12497	6.149755	6.457501	7.046997	7.017949	7.087313	6.658043
3.656067	4.033694	2.965228	3.123465	3.442101	3.859725	3.371221	3.370732	2.892493

4.377883	6.746505	3.71958	5.01754	5.093098	3.132242	4.41001	4.728122	3.271663
2.897203	2.838126	3.477457	3.558476	3.844676	2.8558	4.410731	2.978332	3.680123
3.95421	2.741494	2.692165	4.272627	3.373762	3.475397	3.081333	3.592993	4.864479
2.796272	5.347968	4.019585	2.137472	3.480165	1.713687	4.307703	3.928787	4.321808
4.116187	2.764199	3.539303	4.786196	5.331961	3.401482	3.71919	4.928597	4.984209
5.43855	1.893894	4.659955	5.241445	3.898373	2.277254	3.544587	3.070775	2.848522
2.1276	1.526096	2.710408	2.424466	2.334669	1.488053	2.211362	2.156667	3.143601

TCGA-DU	TCGA-VM	TCGA-RY	TCGA-F6	TCGA-QH	TCGA-CS	TCGA-DB	TCGA-QH	TCGA-F6
0.542898	0.515672	0.818439	0.518436	0.682755	0.08607	0.65269	0.357566	0.867648
2.391545	1.970082	1.33972	0.544292	1.226483	1.01749	1.04891	1.290354	1.055372
5.958783	6.376584	4.416841	5.532805	5.776999	5.647627	6.116288	5.045758	5.797165
5.629633	5.238307	5.227584	3.384437	3.266902	2.994337	4.688688	4.745447	1.60699
0.396053	0.14761	0.942599	1.007426	0.57389	0.461027	0.409225	0.56575	0.983201
6.867422	7.799895	7.612749	6.384682	7.512854	6.428064	7.460264	7.56634	5.890365
6.381656	6.324839	5.400129	5.575811	5.379253	6.144356	6.81917	5.915403	5.548796
0.630049	0.457016	0.795848	0.898623	0.769785	0.498826	0.678468	1.123966	1.171218
0.250077	0.792994	0.049822	0.063315	0.027627	0.233386	0.019105	0.487661	-0.00047
4.498338	5.705442	5.438115	6.342773	5.511953	3.49506	5.532022	7.174923	5.449956
5.011957	5.044726	6.384922	5.082904	4.396434	4.421656	4.872153	5.66649	4.964398
2.211993	1.345166	1.636765	3.527618	2.28666	1.058887	2.522829	3.636	3.198066
2.729801	2.732398	2.269721	1.279399	2.01328	3.703716	2.765116	0.704735	1.591034
3.136484	6.31697	2.988348	2.93326	3.10758	2.818109	4.036469	3.484901	3.874527
4.358836	2.001206	3.210855	5.759553	5.323628	6.493509	4.664439	4.730696	4.175823
2.203365	1.48917	2.881017	2.94451	3.040261	5.214921	3.276848	2.820394	2.800086
1.972618	1.005285	0.760206	0.302298	0.660922	1.58222	1.473561	0.346484	0.393013
8.6027	9.547167	8.734836	7.944007	7.936492	8.646473	9.08252	8.025568	8.5535
3.075749	3.199238	4.5077	6.142856	4.636715	4.01705	3.605855	4.64592	4.67128
2.88716	1.221024	3.208801	4.367503	3.275103	4.633581	3.730981	3.967658	3.984457
2.522386	3.618126	2.049529	4.206747	3.073535	3.76809	2.097163	3.823818	3.616479
2.931921	1.992316	2.365644	2.716011	3.912513	2.896809	2.478295	2.975142	4.118221
2.690329	2.168864	2.433533	3.332701	2.536916	3.121868	2.864465	3.098404	3.066902
0.383672	0.35537	0.832693	0.441151	0.607685	0.991616	0.578288	0.465984	0.291131
2.260958	2.79353	5.063861	2.291319	3.034428	3.038272	3.851177	4.093585	3.545848
3.228154	2.457809	1.318159	2.460026	2.008566	2.348457	3.028055	2.30047	2.682962
1.086945	0.590837	1.289369	0.783723	0.85847	0.472115	1.208236	0.608338	0.584092
4.276532	2.145399	5.103329	4.512396	4.174777	7.785592	3.953456	4.64959	4.839089
1.841558	1.999037	1.872413	2.513788	2.597432	2.471018	2.41232	3.029909	3.562618
4.161789	3.87518	4.428914	4.697313	4.235708	4.304283	4.385922	5.276296	4.241267
3.066188	5.509322	2.956247	0.732516	2.157955	1.678615	3.100514	1.369892	1.1299
3.87353	3.286362	4.157354	5.434362	4.668733	3.95561	4.491555	5.415945	5.864119
4.488377	3.50398	6.431973	4.660473	5.169816	6.209674	4.878164	4.081156	5.588447
2.405613	3.359041	3.356951	3.219602	2.290997	3.240368	2.613371	2.555781	2.653263
3.357185	2.319233	2.884447	2.758409	1.88186	1.909607	1.603739	4.574902	3.072311
2.169434	1.6927	2.053998	2.438376	1.976204	2.114172	1.908598	2.271361	2.037993
5.283845	4.971904	6.442514	5.706944	5.401522	5.087334	5.808649	6.243811	6.015437
4.562493	5.525336	4.386607	3.904142	3.973848	3.198253	4.444991	4.070952	3.779928
4.477235	5.568481	4.341921	3.615723	4.519362	3.895757	6.145481	5.467193	4.165789
0.06336	0.47083	0.048859	0.094409	0.070959	0.069792	0.101774	0.168677	0.072618
0.46825	0.350497	0.974792	0.680715	0.662725	0.39484	0.297003	0.597136	0.249599
3.019204	2.836965	2.63004	2.795978	2.921206	2.546171	2.79936	2.777427	2.705279
4.566725	4.224099	3.37005	0.668298	1.892203	2.73799	4.317874	0.893036	1.268932
0.704622	0.122307	0.096064	1.408103	0.967234	2.067087	0.984781	1.014186	0.904506
1.212118	1.563553	1.216812	0.941089	0.452088	0.628341	0.702864	0.969437	1.481049
12.08972	14.03402	11.15557	7.716262	10.20124	10.21184	12.48119	9.521376	9.719291
5.282615	4.771322	5.179888	7.133531	6.410648	2.287149	5.450413	6.616964	6.401356
4.460483	4.725347	4.689674	4.84789	3.940784	2.758631	4.273639	5.083294	4.471574
0.447897	0.363526	1.507014	1.251223	0.669639	0.794517	0.549546	1.393388	0.920493

0.400193	0.306537	0.217876	0.258444	0.816784	1.95094	0.52493	0.35715	1.011122
0.492993	0.523598	1.000859	0.412156	0.814069	0.588613	1.059812	0.978331	0.543168
1.854126	1.763692	3.549986	2.321593	1.976152	1.948201	1.815048	2.170981	1.97547
3.674258	5.1539	5.176251	4.811716	4.51427	5.027503	4.667645	4.865446	4.912257
4.240001	4.51288	5.306982	4.850325	5.325864	4.260324	5.545148	3.812527	4.18128
0.488351	0.15367	0.312866	0.065129	0.109099	0.074232	0.199073	0.042326	0.039415
0.579557	3.104554	1.288857	1.80908	0.649762	0.946222	1.889913	1.228771	0.645942
7.662444	8.743617	8.391072	5.746387	6.558449	9.102241	7.407971	6.534554	8.818307
7.501089	8.288001	10.05412	10.01743	9.15964	9.05074	8.583572	9.091269	9.364476
4.249739	2.663227	4.9362	3.347234	3.163029	3.58699	4.337432	3.920343	4.415734
2.711702	0.549798	0.379874	0.8467	0.947205	2.164439	1.644867	3.24753	1.10323
5.461688	8.3459	7.384993	5.613342	6.299837	5.143782	6.804898	5.780042	6.295854
7.912844	5.898838	3.664073	1.027637	0.866382	2.134092	2.029029	0.71364	1.421145
2.644092	1.949176	3.221341	2.824959	3.107008	2.127766	2.9054	3.606648	3.270095
0.5987	1.662068	0.85288	0.717041	0.735271	0.659047	2.160371	1.011156	1.136354
9.330517	12.07617	9.6667	7.789868	9.617385	11.97345	7.988322	7.279527	8.61164
2.195909	1.948424	1.18528	2.855142	2.48731	3.690295	2.566993	2.883079	2.598194
2.981493	2.524505	4.270046	3.744601	3.515628	4.372886	3.433782	3.662499	3.611426
1.232772	0.436903	1.108661	0.878607	1.026398	0.801695	0.615862	0.819722	0.66895
4.240051	3.672795	4.592049	6.160844	5.873662	4.468194	4.736661	5.703802	6.395308
2.990409	3.008756	2.1847	3.739974	3.005334	2.519816	3.279945	3.7918	3.940542
4.122804	3.552203	2.418529	1.172203	1.519913	2.477811	3.094791	1.195814	1.495296
2.288566	1.676297	2.962506	2.560516	2.188536	3.626055	2.220492	2.747028	3.062248
3.1462	4.250589	4.163613	4.908181	4.241794	3.176594	4.427534	5.066179	5.395166
5.440337	7.215596	5.807005	4.014851	5.902686	6.283249	5.218823	4.762424	5.678284
3.199442	2.534369	1.211303	1.232243	5.949776	2.972129	6.263635	1.516296	2.590266
3.900933	4.977707	3.536766	1.087682	3.268646	4.945021	2.996121	1.6546	3.215473
4.050679	3.325145	1.783217	2.586427	1.674232	2.241251	2.715059	2.249744	2.564015
1.703855	0.988051	2.787455	3.16848	1.862809	2.561657	1.757464	2.754059	2.676235
2.278908	1.53636	2.950473	3.721236	3.310639	3.335041	2.798462	3.112454	3.562293
1.448705	1.050527	1.283264	2.844995	1.913581	2.160505	1.740206	2.248479	1.867895
5.304021	3.630821	5.486398	3.588327	4.000595	4.267012	4.304951	4.151355	3.582408
8.565903	10.29597	10.51488	7.833042	8.037988	7.682111	8.966777	8.095111	8.277081
0.636937	0.470572	0.924694	1.023719	0.377191	0.406796	0.433285	0.603304	1.409385
4.996776	5.967724	7.107696	6.19638	5.277017	6.336215	6.107408	6.304634	5.433063
0.418377	0.12478	1.219932	0.209573	0.350993	0.927966	0.432885	0.740057	0.757955
2.244721	1.444253	2.806104	3.924964	2.770185	3.470624	2.602575	2.943247	3.410546
4.930656	4.85996	3.60666	3.624463	3.840723	1.788261	3.76927	1.588354	3.209875
3.115492	1.350684	1.886648	1.69362	1.536774	1.887262	2.072714	1.330827	1.987051
3.249278	4.351303	3.119669	3.981862	2.985391	2.754168	3.554263	3.685593	2.64391
5.396249	6.301446	3.198131	6.058752	7.087498	3.777907	5.773895	5.835547	3.129793
1.415669	0.203461	0.359619	0.126962	0.197772	0.123224	0.436411	2.047208	0.184271
6.233688	6.692089	4.345309	1.493715	2.558332	3.440451	4.967627	1.418972	2.091674
0.042397	1.184749	1.625089	0.073242	0.75174	0.220806	2.933588	0.804103	0.16656
6.092108	5.379739	4.233427	1.877579	3.04981	3.660676	4.173912	2.24486	3.270714
2.981061	0.959115	4.098502	1.941467	1.51037	1.434403	1.817959	1.647387	2.098511
3.785375	2.224692	4.443924	3.671473	2.81712	3.027857	3.336534	3.893442	3.897246
2.501348	4.04813	2.991185	2.39379	2.913793	3.009433	2.806622	2.894914	2.273241
5.534582	6.239695	7.174008	5.466059	5.582247	5.56759	6.295508	6.762283	5.485209
5.417137	3.809227	2.504694	1.03503	1.734509	3.232923	3.42514	1.10531	1.520052
7.715026	7.131265	6.015843	6.362985	7.918625	6.423816	7.506982	5.861246	6.421178

3.711761	2.747386	2.020118	1.398341	2.408055	0.801336	3.148359	4.561002	1.15942
2.12091	1.694935	2.233159	1.412377	1.386636	3.79675	1.93653	2.060255	2.156841
2.851207	2.625086	2.748442	3.189397	3.107136	1.903079	3.135817	3.532689	2.202739
0.377504	0.77972	-0.01725	0.062504	0.182905	0.012376	0.738457	-0.0059	0.002051
8.724379	9.734197	9.469921	8.153424	9.182172	9.686163	7.569986	7.886847	9.026481
4.483716	3.976624	4.763232	4.49823	4.23704	5.300938	4.078209	3.92209	5.194027
2.619027	3.65437	3.624141	2.07124	2.714668	2.404253	2.528455	3.392933	2.622146
0.938785	0.904929	0.460467	0.430749	0.362993	1.241911	0.678741	0.748367	0.340109
2.850229	3.242909	3.903277	5.485443	3.693131	4.871546	4.060669	4.877525	3.905075
1.546708	4.19868	1.985084	0.942896	1.613391	2.346975	1.476714	0.426746	0.458206
2.466201	1.241022	2.074953	2.720412	2.318887	2.65194	2.607694	2.651235	1.73902
3.041271	1.07264	3.037138	3.10695	2.163841	2.923956	2.656265	2.83604	2.847201
0.153613	0.011215	0.156445	0.223944	0.084181	0.021997	0.00534	0.30857	0.297384
0.310428	0.318141	0.147042	-0.03947	0.068679	-0.04134	9.84E-05	0.08456	-0.03553
2.91736	1.828973	3.407233	2.920947	3.476191	1.355344	1.889501	2.711684	3.226609
5.233872	4.498276	1.838236	3.762034	4.081014	0.815675	4.003207	3.059669	4.516139
3.677648	1.693704	1.870405	1.22259	3.660004	3.018424	2.328005	1.131227	1.61789
1.592598	1.594556	2.185135	3.49455	2.464798	2.121133	2.673077	3.633595	2.929825
3.812154	4.341028	3.776831	3.005096	3.779546	2.865848	2.764462	3.404948	3.593637
6.331808	6.95125	7.999643	7.473426	7.872852	7.955098	7.909182	6.659303	7.839745
-0.02652	-0.05326	0.062111	0.30363	0.020017	-0.05326	-0.00776	0.458014	0.040426
1.393251	2.800937	1.508019	0.677328	1.31755	2.862002	2.155924	0.941267	0.843025
2.141653	0.44625	1.727767	2.383673	2.595224	2.217137	2.026072	2.140416	2.273847
6.515585	6.338953	9.229966	5.873064	7.448394	3.774959	7.427608	6.352651	7.704919
1.261146	-0.03187	0.07648	0.027789	0.024747	0.018422	0.066345	0.082139	0.134617
0.742432	0.274652	0.230781	0.644764	0.279172	0.086457	0.456169	1.75455	0.639496
2.938965	2.34347	3.703091	4.232195	3.582222	3.177739	3.797271	4.288485	3.194096
6.041176	6.871744	5.845827	5.749314	5.946346	4.644054	6.075794	5.515132	6.487845
4.81471	4.320589	5.831629	5.85862	5.186276	5.179922	4.907154	5.641934	5.593323
3.486163	3.645313	3.585599	4.519846	4.650855	4.575483	4.349534	3.833892	5.035603
2.974046	1.927811	2.272034	4.194527	3.171708	3.884787	3.180762	3.81137	3.443345
1.559174	2.151712	0.99381	1.09686	0.845385	0.902406	1.122788	1.486582	0.65671
6.997852	5.32848	3.607631	3.773866	4.279774	4.118558	5.604672	6.565767	3.603443
0.000681	0.000681	0.010844	0.000681	0.009263	0.000681	0.016617	0.023819	0.110967
6.429094	6.360713	5.466029	5.647374	5.560683	5.346788	6.142322	7.617566	5.322834
3.421124	2.123322	3.064779	4.854322	3.563692	4.295572	3.862665	4.561255	4.10506
4.472075	4.479722	3.594425	4.514735	3.674824	4.969492	4.210327	3.629214	3.681957
2.054354	0.679326	1.338985	2.756809	2.307766	1.775163	2.372189	2.390335	2.878322
5.628796	5.258145	6.293869	4.297558	5.084283	3.23294	5.666906	5.370044	4.382803
2.022964	1.440819	3.334402	3.489433	1.266938	0.832099	3.050714	2.721616	1.294753
0.144788	0.060233	0.156046	0.220315	0.064734	0.024595	0.187158	0.158024	0.157316
4.373918	3.498751	5.880308	5.20132	4.02635	5.175197	3.615011	4.522688	3.621556
0.354696	0.505744	0.866659	0.454681	0.275107	0.448241	0.388059	0.516113	0.365247
0.247849	0.048536	0.070658	0.080813	0.298099	0.03916	0.608001	0.079387	0.074014
7.279999	8.377585	7.032738	5.315977	5.331836	3.728056	7.309939	5.875909	6.998305
3.090841	1.555709	3.094924	3.945821	4.68487	3.544158	4.095453	3.347827	4.389025
1.699408	0.863895	1.65333	2.927362	1.610964	5.463791	1.40719	1.540493	2.052652
1.280914	0.637206	1.051281	0.65795	3.208517	0.923824	2.360313	0.782784	0.665248
8.028082	7.000938	7.597514	4.997046	5.552771	6.528962	7.497284	7.118375	6.273
0.297409	0.704776	0.073094	0.037546	0.012251	0.087858	0.012251	0.168924	0.08112
2.948674	2.160285	2.072526	0.837699	1.042452	2.136933	2.009372	1.264038	0.852914

2.682574	0.984029	1.767526	2.676476	2.346893	3.779444	2.147926	2.501582	2.566362
6.738744	7.079323	6.11684	4.700141	5.101513	5.943491	5.942697	5.343619	7.255252
0.261323	0.270422	0.172947	0.269638	0.264355	0.38652	0.305584	0.297977	0.397654
0.163323	0.073222	0.639634	0.18747	0.147627	0.114702	0.134801	0.206431	0.200543
3.681961	3.021459	4.517321	5.410242	3.747651	5.797107	3.906112	4.258426	4.112108
4.521717	4.706563	4.951328	5.905546	5.272973	4.110751	4.92637	5.685242	6.671102
0.127208	0.042705	0.176003	0.039583	0.094129	0.050197	0.120745	0.045358	0.043848
9.474677	11.24184	12.89029	10.1525	9.563657	8.185314	9.622492	11.58597	9.410385
4.964708	3.98377	4.841645	5.429502	4.464019	4.823909	4.567765	5.044328	4.671381
5.261672	0.845991	0.886919	1.503672	0.541301	0.85655	0.502076	2.342096	2.148457
8.450513	10.62283	8.760326	5.77297	7.1243	6.571243	7.899258	7.696679	5.312138
3.230399	2.729855	4.778252	4.86814	3.529018	4.744855	2.893592	3.164381	3.551542
2.649887	2.026559	2.875829	2.886314	2.436824	3.947	2.066305	2.413112	3.632482
2.693353	1.06927	1.184297	0.659419	0.832994	2.275566	1.167781	0.926148	0.680716
0.187232	0.033072	0.07399	0.033072	0.050481	0.043398	0.065275	0.048762	0.072896
0.27374	0.143339	0.57307	1.144959	0.704898	0.672153	0.497532	0.562336	0.92604
4.476347	3.652399	4.533606	3.983304	3.445073	5.452734	3.957618	4.326333	5.902687
2.582776	1.622353	2.003789	3.382604	2.88481	4.200236	2.263379	4.027546	2.286497
5.211632	4.662132	4.203183	1.519866	1.392318	2.298676	3.061458	1.812459	1.109087
3.853824	6.917167	5.476594	5.387936	5.979647	5.79334	6.34023	6.741239	5.257735
4.512969	1.252585	0.696135	1.064772	0.420755	0.397229	1.576018	1.174637	0.941122
2.835237	4.883924	3.0898	7.297023	5.447648	5.268755	5.328442	5.835199	4.737201
1.711235	0.858935	2.607893	2.034845	1.838409	1.295815	1.445752	1.390118	2.063977
4.624825	3.945637	4.764865	3.10229	3.030975	3.422077	3.403391	3.094697	3.649097
0.975459	0.469655	2.709221	1.412066	0.775507	1.245495	0.801763	1.378869	1.200958
1.218914	0.436486	0.805694	0.306646	0.28404	0.333577	0.462991	0.217131	0.362554
4.122995	3.3536	4.972135	5.601233	5.070471	5.430278	5.205017	5.930874	4.443875
4.48509	4.054462	4.055251	5.32414	6.164191	4.741805	6.942283	4.986919	5.850201
1.414984	1.490834	1.051379	0.261467	0.346294	0.558309	0.979193	0.256097	0.290142
5.088744	6.462686	4.420353	4.685076	4.489079	2.853203	6.184556	7.282346	4.147703
5.574241	5.031729	6.152608	5.82112	7.343256	6.945759	6.992928	4.082986	7.899067
0.109477	0.091088	0.205215	0.585227	0.531444	0.062142	0.266707	1.088844	0.268049
2.516652	2.652484	2.865668	2.829291	2.495191	3.054766	2.937287	2.576331	2.774005
2.733241	2.153727	1.445077	0.857089	1.574141	1.787164	3.595682	1.851626	0.8921
2.620562	1.935734	1.744731	1.550308	2.404134	3.207044	2.292511	2.243098	2.540611
4.260441	2.687582	0.975645	3.413764	4.156832	4.127796	3.646023	2.73946	3.943385
3.045695	1.692883	1.786484	0.460157	2.583445	0.793741	2.623321	3.643877	1.755015
1.859993	0.799842	0.574422	1.193151	2.525684	4.954815	2.185263	1.553202	2.60025
2.600941	2.084582	3.636925	2.932838	2.554899	3.995901	2.508583	2.899588	3.428474
10.06146	12.01457	9.742059	7.408388	10.16671	6.545735	11.1464	9.685541	9.315691
5.630025	3.081598	5.598956	4.120012	3.923906	5.175363	3.678228	3.957347	5.615028
4.401887	4.632253	2.976104	1.529179	1.955563	2.517015	3.477359	1.317267	2.120898
6.12823	6.604879	4.718483	7.640637	9.298523	5.632457	7.965862	7.09675	7.510544
3.173519	2.948002	3.467137	5.174202	4.135903	4.002636	3.340245	3.346563	3.728079
2.053344	1.113007	2.91483	3.45451	2.664463	2.235577	2.615923	3.672102	3.092045
0.75982	0.566011	1.088175	1.228556	0.789852	0.707754	0.838486	1.021946	1.478906
1.838236	1.01978	1.703029	3.450093	2.309668	2.652605	1.966837	1.971007	2.785731
3.262084	2.546736	3.665593	4.669555	3.831072	5.816047	3.629846	3.645742	4.466607
2.587772	1.955645	3.24341	3.40589	1.997362	2.999487	2.411194	2.969472	2.955992
1.338995	2.085998	0.45846	2.527793	1.901773	0.17664	2.279899	1.285152	0.966027
4.467464	2.779282	2.53638	2.680307	2.360131	2.964739	3.085081	2.53081	1.914851

1.259919	0.736358	1.588944	2.19705	1.08507	1.869839	1.29981	1.783415	1.641372
1.866224	2.119605	2.1705	2.70925	3.183639	2.543822	2.901461	1.995044	2.867323
4.38498	4.438959	15.91837	3.124872	4.596981	2.944033	3.091012	4.387977	5.61282
4.68003	4.951232	5.441096	4.164149	4.225933	4.043122	4.875534	4.524869	4.991829
0.645266	0.681603	2.767772	1.475971	0.80484	2.166852	1.100447	1.607854	0.854185
5.127982	4.457151	6.028045	4.556121	3.975698	5.506803	4.556071	4.394341	4.576862
5.464101	3.497385	1.626185	1.506288	2.670381	1.314683	3.408443	2.987416	1.446604
4.149079	2.836463	3.950822	4.162457	4.357844	6.051978	4.590685	4.507375	4.20854
3.839926	4.625679	4.259872	4.980972	4.918934	4.143475	5.139699	4.714572	4.409637
3.139575	1.969494	2.791812	5.182632	3.831811	3.430484	3.408507	4.028478	5.184874
2.956856	4.163611	3.402669	4.549662	4.80713	6.02213	5.076072	6.335884	4.214668
5.461441	5.478787	6.747567	5.551483	5.370663	6.006481	5.446051	6.032851	5.669804
6.626031	7.324764	5.80056	3.369934	9.535332	4.413718	8.258483	3.526784	4.922303
2.399843	1.058308	2.435444	4.87935	3.02556	5.305292	2.58836	4.58067	4.436649
3.602287	1.834858	3.724741	2.341379	2.695512	3.79989	3.308832	2.700522	2.59472
3.467968	6.314003	5.431513	4.813632	6.999424	4.720821	6.571808	8.572557	6.495932
1.298554	0.414934	1.589898	2.61511	1.647991	2.194581	1.279053	1.812745	2.228247
3.166957	2.570438	2.55165	2.702244	2.315769	3.486398	2.649001	2.117882	1.777819
2.355809	4.112517	2.188216	1.465827	2.672701	2.66621	4.158612	3.056008	1.497705
4.649632	5.063866	3.547443	1.663909	2.870818	5.395207	4.111057	2.987878	1.987649
0.210892	0.354478	1.044927	0.297204	0.303368	0.147981	0.380653	0.566321	0.499284
4.414608	3.643133	5.004173	5.894712	4.733774	5.553518	4.377654	6.000171	4.94969
3.467632	3.524799	4.164891	4.176009	4.931266	4.652492	5.09413	4.092203	4.860725
4.384749	4.310849	3.380812	6.421922	4.982847	4.036887	5.789474	5.769556	5.230961
1.539692	0.206684	0.353298	-0.04689	0.212942	1.653313	0.37475	0.359758	0.584808
2.608808	1.978527	1.147657	1.431251	1.620018	0.746238	2.360316	2.381578	1.48311
3.67864	2.752566	5.125418	3.466072	3.537133	4.586922	3.881069	4.469597	3.68504
5.252563	5.910621	3.378333	1.747004	3.555047	2.558116	5.774355	3.239586	2.715037
2.311829	2.647459	1.572801	2.292719	1.645527	2.028296	1.828815	2.163001	2.080078
1.702185	1.160397	2.174596	3.397897	3.424294	3.531974	3.118111	3.530054	2.494897
5.952348	6.167126	7.364629	7.321333	6.785665	6.944277	6.71573	6.741784	7.194167
1.75249	1.682198	1.738653	3.15817	1.83545	1.483437	2.20511	2.656989	2.690539
0.957307	0.03119	0.164837	0.42595	0.441382	0.612628	0.473239	0.839341	0.651697
4.858567	5.213454	4.57008	4.746416	4.014635	5.23934	4.145138	3.510481	4.822517
3.673455	2.254132	2.3121	3.546081	2.624132	3.969295	3.017477	2.69916	3.382166
1.324002	1.026981	1.932029	2.872279	1.844418	0.853163	1.598418	3.478238	4.987631
3.022227	2.555942	2.978897	0.910021	1.817657	2.085787	2.158686	1.039101	1.569294
0.120943	0.445216	0.10202	0.728585	0.088989	2.181133	0.039419	0.134583	0.099759
4.810497	5.299455	6.245792	5.046925	4.47203	5.468421	4.682986	5.275789	5.515642
6.148128	7.327015	5.140045	1.885489	3.94612	5.980428	8.066675	3.294556	3.101052
5.155783	7.705736	5.879641	5.932391	5.855272	6.09117	5.730769	5.703544	5.251271
4.412508	4.327883	3.802785	5.154415	6.173316	5.187788	4.530574	6.095422	3.929941
4.939475	6.102654	4.567365	2.286815	3.370143	4.409204	4.274655	3.157613	3.925481
2.38577	1.675458	2.81204	2.782503	2.912071	3.154039	2.406124	2.580299	2.632023
3.225001	3.271048	3.956882	3.848898	3.216925	2.509531	3.390191	3.621479	3.835239
0.474139	0.110456	0.054693	0.178056	0.30002	0.041282	0.940371	0.352072	0.182721
0.430137	1.502507	0.526668	0.963265	0.523148	0.188511	0.338509	2.245212	3.279386
0.327941	0.469204	3.058058	1.52765	0.912554	2.039005	0.853122	2.393282	1.771107
2.753672	4.169997	2.023924	0.863556	0.975845	1.898703	1.71112	2.059506	1.371108
6.625157	6.105664	6.671734	5.914124	6.848626	7.988786	6.985367	7.14199	5.747879
3.894266	4.553493	4.567994	3.473552	3.335605	3.432569	4.177272	3.421182	3.585707

2.633645	3.429913	2.336736	4.271941	4.928826	6.289443	4.282477	4.152699	4.103944
3.265141	3.386	4.1852	4.20484	3.13246	4.749924	2.849058	3.475292	3.721004
2.791901	2.247468	3.37582	3.317738	2.423236	2.754483	2.990809	3.845404	5.140348
1.92065	1.843176	2.515068	2.884753	2.221512	3.903278	1.732307	3.164095	2.624202
5.003574	2.92992	5.059048	3.336589	6.267872	4.96828	4.708611	3.836954	5.078577
2.099977	2.809764	2.152828	5.697997	4.902868	0.313595	4.820994	3.856757	1.861369
2.062064	0.826267	2.218849	2.455414	1.839679	2.721149	1.930972	1.786408	2.350908

TCGA-CS	TCGA-HW	TCGA-HT	TCGA-HW	TCGA-QH	TCGA-CS	TCGA-DU	TCGA-TM	TCGA-HT
0.113507	1.490965	0.685037	0.332918	1.156076	1.421472	0.615487	1.667402	0.122063
1.376099	1.778629	1.257779	0.97209	1.021897	0.358252	1.77811	0.411685	1.030513
5.182068	5.083365	7.278535	6.749917	6.096152	5.324968	4.990054	4.24667	8.261374
4.22441	4.400114	5.928231	3.573188	2.567509	5.008244	1.909492	1.751916	3.793835
0.762534	1.962683	1.904761	0.944102	0.964963	1.365767	1.278328	2.960177	0.67616
7.024923	6.900208	6.113413	6.966237	7.129508	6.160825	7.040517	7.773002	6.696218
6.544706	4.858942	5.905974	6.212555	6.27453	6.083887	5.467835	4.395318	6.073728
0.563827	1.794076	3.660798	2.391109	0.758315	0.656936	0.604864	0.68057	1.990465
0.339887	0.335478	0.145564	0.278068	0.189149	0.037386	0.172485	0.119095	0.147365
3.989323	4.650107	5.965825	6.055532	5.191206	6.261615	5.363742	5.358803	6.861387
3.891859	4.203923	4.216036	4.648769	5.163252	4.468429	6.064003	4.839742	3.745995
3.235556	3.228498	3.999553	3.790131	2.80662	3.575828	3.354553	3.146747	4.570054
2.549188	1.865561	1.718985	1.594389	3.613526	1.866987	2.587075	1.504251	1.940156
4.050006	2.195864	3.295837	4.031847	2.798353	4.096562	2.245451	3.061452	5.285986
5.487977	5.376892	4.205167	5.069003	5.169221	6.870991	4.549535	5.448449	3.960031
4.455207	3.347034	2.629641	2.591583	2.248338	3.828554	2.702901	4.265083	3.416053
1.968988	1.447957	0.905542	1.11303	0.839484	0.519327	1.250491	0.97418	0.416374
7.961321	7.077324	8.338562	7.836635	9.174847	7.597442	7.670308	8.998167	8.63705
4.198412	5.634074	5.585624	4.965465	4.821967	6.502159	5.254299	6.004417	3.877062
4.859046	3.831766	4.136131	3.422742	3.149213	3.393369	3.771023	4.214183	4.047278
3.038544	3.390813	2.552655	3.203069	3.511968	4.251268	3.016321	3.307928	2.829735
2.738584	3.633304	3.475623	3.351411	4.703524	3.082268	4.100039	3.135538	3.278609
3.683352	3.348346	3.370271	3.302531	2.323429	3.55016	2.629302	3.368333	3.913053
2.172055	0.457715	0.459594	0.416643	0.257134	0.603152	0.459523	2.793365	0.295747
4.093344	3.028514	4.382485	3.722679	2.822952	2.951569	2.602918	4.549526	5.49527
3.437754	2.93408	1.824847	2.959437	3.36724	4.130972	2.465727	2.419008	2.448679
0.358171	1.003753	0.827304	0.728835	1.206273	0.819563	1.886069	0.769307	0.426161
5.858842	4.966133	4.402707	4.242418	4.908944	4.632757	4.913732	5.391392	2.82797
2.023311	3.873073	5.097793	4.558231	2.272103	2.229387	1.886395	4.184064	5.34312
3.963129	4.336348	4.975645	4.729731	4.507627	4.666356	4.669212	5.015786	3.857951
2.974417	1.734751	1.427998	1.463748	2.15834	0.496599	2.723223	2.709317	1.66034
3.686216	4.915815	5.692108	6.073332	5.118752	5.413481	4.362234	7.102432	6.938186
4.639595	6.22334	4.709223	5.03051	6.412102	4.987901	5.295986	4.465931	5.144561
2.137198	2.924981	2.630492	2.512087	3.210475	3.420095	2.921074	3.010695	2.453053
4.382735	3.195701	5.115462	3.736053	1.328597	2.188319	2.908921	3.216204	4.853866
3.011475	2.893276	2.071628	2.133969	2.261389	2.885654	2.609188	2.93999	1.358523
4.471207	5.827347	6.305329	5.80014	5.030007	4.930291	5.407787	3.801683	6.527018
4.806108	3.374416	3.603895	3.729981	4.371083	3.192912	3.773402	4.360022	3.199297
5.029937	3.616459	4.721828	4.567812	4.896334	4.065688	4.798885	3.773825	4.878364
0.332564	0.094079	0.126911	0.071416	0.084673	0.070364	0.338145	0.086215	0.068872
1.218211	0.799003	0.324408	0.484243	0.592	0.487846	0.631862	6.106349	0.674927
2.198991	2.987243	3.252721	3.064525	2.334281	2.446771	2.406806	2.573338	3.338273
4.305257	1.831067	1.236995	1.816954	1.571533	0.713097	2.578574	1.232679	1.968258
1.002889	1.606571	0.395529	1.04647	1.621389	2.255707	0.997384	0.247876	0.60561
2.095754	1.282696	2.353038	1.923604	1.323826	0.248938	0.792281	2.453884	2.709275
11.39209	9.120903	9.234419	9.673663	9.672193	8.344678	10.02536	8.920966	10.48256
3.034013	6.11152	7.493178	7.486577	6.039775	6.901608	4.984609	4.592735	7.861526
2.90149	3.883549	5.630224	5.46972	3.099397	5.659316	3.84458	4.978115	6.90603
1.113702	1.23887	0.725987	0.876263	0.459865	0.984358	1.354452	2.473981	0.470932

0.72485	1.202654	1.405152	0.997811	0.611666	1.110315	0.546119	0.189375	0.963339
5.635682	0.442298	0.332051	0.762923	0.537461	0.745259	0.711192	0.144441	0.476167
1.479524	2.628947	2.614076	2.300624	1.741773	2.048307	2.280686	2.696527	2.300556
4.816235	3.79614	5.371119	5.069141	4.629738	5.151248	4.069283	3.813367	5.881284
4.930413	3.758929	4.134775	4.579467	4.538308	4.88579	3.403637	4.250511	4.498173
0.351917	0.038703	0.094789	0.022438	0.022438	0.075635	0.602517	0.304989	0.071975
2.092438	0.542367	0.759531	0.528816	0.56232	0.500447	1.805796	1.644068	0.374171
8.340601	5.407303	7.136034	6.704406	8.087786	7.292615	8.020189	7.316877	8.157619
8.356032	8.894398	8.75667	8.533546	8.978595	9.638577	8.309271	9.227042	10.03952
4.507655	4.30188	5.353203	4.618567	4.26574	3.991963	4.995432	4.782806	5.817497
2.098203	1.304044	1.246487	1.035512	1.345774	1.301032	2.088453	1.186822	0.52614
4.399274	4.002204	5.647172	5.321569	4.810914	4.131126	6.173952	4.162882	6.871982
2.976012	2.20639	1.497178	0.911815	0.987922	0.557022	5.025326	2.298224	0.817104
2.755224	3.698102	4.22879	4.065104	2.428488	3.660106	3.021488	3.165245	3.285601
0.802803	0.884252	1.472765	1.462678	0.680409	0.520174	2.431719	0.384357	1.515521
9.967504	8.988241	8.618177	9.334039	10.25345	5.56251	6.125367	6.755765	9.857447
3.739644	3.551352	2.931147	2.918983	3.265573	2.889549	2.639874	3.621065	3.013631
4.275784	3.760941	3.518977	3.545795	3.626965	3.834024	3.850291	4.618266	3.276178
0.361426	1.229396	0.437298	0.738889	0.895948	0.461309	1.44378	2.134834	0.183065
5.015156	5.058363	5.87901	5.831035	4.936441	5.713825	4.511509	4.016924	6.848883
2.969143	4.150019	5.052021	4.676568	3.064315	3.57964	3.977255	3.272902	5.40457
2.999857	2.162778	1.417099	1.276017	1.589237	1.152926	2.96541	1.60543	1.594368
3.520707	3.059868	3.348448	3.073595	3.506958	3.617054	2.766555	3.204261	2.797622
3.617214	5.231702	6.9828	6.301734	3.669104	4.422253	3.554437	3.8038	7.305493
6.582823	4.725342	5.917187	5.730192	4.757961	1.893682	3.847159	6.082379	7.210356
4.499325	3.003899	4.776302	5.080823	2.234673	1.602282	1.361717	0.666872	4.815914
3.005998	2.586389	2.05464	2.483892	4.271897	1.900195	2.826711	0.789227	2.624456
4.920288	2.49693	1.798848	1.973472	2.946922	2.63307	3.173776	2.341903	1.924906
2.91751	3.22742	3.161655	2.864213	2.566591	3.612514	2.560472	3.272161	2.460582
2.963522	3.878309	4.476939	4.199937	3.1193	4.014219	2.95365	4.54337	3.954027
2.69525	2.216383	2.453756	2.70871	1.568215	2.993538	2.087849	2.232955	1.905516
2.972274	3.715849	2.676303	3.319079	4.256229	3.404081	4.682261	3.684313	2.676345
7.592364	6.422727	7.198868	7.300761	8.016634	7.12541	8.071364	6.186825	7.982738
0.975686	1.432825	2.080058	1.337188	0.815464	0.936441	1.192116	1.203608	1.93505
5.91481	4.722896	4.556197	4.753854	5.635478	5.711144	6.194594	4.745866	4.434607
0.19911	1.284971	0.986405	0.671833	1.758927	0.368178	0.713726	0.116856	1.045653
3.879563	3.904419	2.790301	3.379067	3.656132	4.542706	3.254687	3.725346	2.626394
1.236771	2.309641	2.28126	1.252542	4.720626	1.769101	2.787712	3.84634	2.12848
3.095705	2.065587	1.944738	1.402674	1.597412	1.654494	2.300379	3.23848	1.364698
2.932232	2.373406	2.323432	2.567155	2.931869	3.328254	3.837835	3.355716	1.380195
5.147951	3.289684	3.864145	5.577935	2.781679	6.806622	4.437588	4.151836	2.957501
0.45901	0.249027	0.864131	0.179295	0.167346	0.110923	3.418493	0.577811	0.158343
4.01106	2.572963	1.975508	1.629686	2.445472	0.937571	3.994856	1.990186	2.433784
0.432312	0.054793	0.637425	0.683767	0.255342	0.107281	0.061399	0.0234	0.550927
4.906651	3.406263	2.221498	2.503467	3.723492	5.492561	4.057285	3.318719	2.77945
0.805775	2.788729	1.429294	1.391285	2.690717	1.01579	3.448228	1.812751	0.88881
3.161929	4.140166	4.19692	4.049573	3.828208	3.129533	4.42791	4.172082	4.13153
2.992936	2.904856	2.831954	2.808275	2.913833	2.468986	3.141731	2.792745	2.715672
5.054048	7.177427	5.152247	5.924102	7.066496	4.953689	6.238939	4.347107	5.802706
3.359629	2.571217	1.488589	1.636626	2.240251	0.42309	3.709701	1.450869	1.049175
5.840684	7.801019	5.74725	6.134277	6.652953	5.881907	7.022692	5.563955	5.459929

3.348321	2.547935	2.85306	1.84238	2.240649	1.690869	2.575243	3.208235	1.734409
1.844967	2.694361	2.122493	1.501738	1.687353	1.434432	2.706316	2.703562	2.011175
3.334272	4.251979	3.14814	3.081969	2.946743	4.490664	2.518269	4.991383	2.997437
0.136892	0.064132	0.111338	0.028126	0.020823	0.128758	0.570696	0.159198	-0.00775
7.878899	7.909705	8.929221	8.767757	9.396966	7.271559	8.285088	7.023312	10.16352
4.79427	4.352813	4.891221	4.29515	4.875313	4.025023	5.16103	4.916988	5.540777
3.504209	2.936872	2.634247	1.802067	3.550904	2.296033	4.303591	4.485183	2.258758
0.980981	0.975144	0.825993	0.588761	0.40904	0.290705	1.632366	0.936955	0.686675
5.055897	4.938192	4.455717	4.938536	4.138646	5.973223	3.863319	5.644067	4.524677
3.828719	1.552849	1.011836	1.210295	1.727482	0.456506	2.631219	2.266858	0.602031
3.018753	2.882811	3.354326	3.17723	2.179553	2.366534	2.688111	3.391993	3.193692
3.314413	3.316516	3.080561	2.735423	3.134451	3.923077	3.07366	4.343683	2.248864
0.078886	0.24727	0.747006	0.679546	0.046845	0.104565	0.251133	0.280677	0.662864
0.196931	0.011388	0.047277	-0.02485	0.054715	-0.02084	0.408398	-0.04336	-0.02362
2.006568	3.586111	2.76668	3.191381	5.077716	3.963855	2.951362	1.638541	2.850663
1.090053	3.086183	2.417269	3.024256	4.246703	5.071179	3.649409	0.222595	3.985799
2.992344	3.631096	1.908726	2.259505	4.754545	1.591677	3.180003	0.61646	3.007477
1.955787	2.959232	3.129755	3.410873	2.916203	3.569169	2.761631	2.895594	3.109561
4.48857	3.338349	3.890449	4.375417	3.444423	3.339212	2.860192	5.185521	5.140271
6.271606	6.789679	6.672681	7.006465	8.572188	6.510071	6.525341	4.465682	8.934596
0.154348	0.018645	0.480735	0.053336	0.021257	0.006208	-0.03277	0.024484	1.008242
0.882282	1.064957	0.638962	0.850257	0.540235	0.496867	1.388253	1.899082	0.44044
2.885425	4.07067	2.565282	2.764537	3.757991	3.757183	2.819692	4.157822	1.326638
5.697536	7.153449	8.592056	7.670279	6.331736	5.113567	6.758994	8.184334	9.527555
-0.00748	0.09218	0.1218	0.096109	0.180316	0.042571	0.183061	0.028196	0.010893
0.685891	1.089484	2.604882	0.613046	0.191212	0.121794	1.380016	0.805985	0.746035
4.905297	4.011302	4.195571	4.159237	3.362138	4.408996	2.971933	3.682352	3.639837
5.070788	5.288416	6.912569	6.203783	6.451705	5.295687	5.648887	4.80572	6.619478
4.722122	5.5234	5.663228	5.605417	5.092767	5.812806	5.312646	4.940197	4.967123
4.196688	4.859462	4.342426	4.317923	4.897265	4.152466	3.187457	3.592447	3.854209
4.301585	3.901503	4.137923	4.026343	4.286431	5.49189	4.05982	4.719664	3.998886
1.801984	1.015801	0.894316	0.753948	0.80621	0.635486	2.073776	3.059054	0.413924
6.28646	5.077108	5.816634	3.890009	3.903899	1.097232	5.973708	3.565781	3.013845
0.037352	0.05709	0.387486	0.218543	0.009409	0.014585	0.007854	0.009789	0.225753
5.966596	5.455458	6.74267	4.145248	5.667091	2.913117	6.006702	6.850378	5.164781
4.639981	3.902557	4.387798	4.279799	3.762105	3.771003	4.087865	4.221973	4.705602
5.735619	4.86086	3.759034	3.785361	4.423713	4.737237	4.754951	5.937417	2.693815
2.287771	3.529763	2.072868	2.087775	3.064877	2.296523	2.758982	3.880256	1.381083
5.017562	4.137856	4.875941	5.136613	5.77172	5.375541	4.355085	4.29734	4.803787
2.732157	2.009622	2.594143	2.398222	2.545709	2.812304	1.897708	3.430101	1.622176
0.08086	0.903039	0.74306	0.858461	0.135806	0.019211	0.055443	0.053201	0.98942
3.653657	3.649601	3.899613	3.251837	2.586325	4.616537	3.377713	3.514895	1.80822
0.307997	0.323661	0.223432	0.219105	0.447753	0.370978	0.244917	0.393833	0.400887
0.230363	0.608721	0.606531	0.360229	0.101607	0.023615	0.117416	0.007006	0.266816
7.295557	5.403161	6.160946	5.58699	6.327069	4.053831	5.972479	4.170992	7.101706
3.209109	4.217089	3.284005	3.780849	4.82078	4.201451	3.588369	3.262153	4.447124
3.590025	2.354021	3.038448	3.53124	3.203822	2.643692	2.074528	1.77875	3.116312
1.426687	1.102921	1.631407	0.760638	0.783713	0.383696	1.462573	0.81519	2.28217
6.975158	5.795048	6.177822	6.55385	5.621616	4.94973	6.276244	6.072847	6.637884
0.211883	0.069028	0.113346	0.040654	0.139883	0.012251	0.216468	0.026101	0.089295
2.302968	1.268672	1.049155	0.939233	0.967931	1.008091	2.093679	1.584856	0.776385

3.31616	2.72808	2.317538	2.402493	3.015144	2.535711	3.05002	3.158259	1.554445
6.618041	5.197174	5.318166	5.547442	8.473611	4.57662	5.469289	4.405122	6.960841
2.712064	0.341549	0.404406	0.471411	0.088546	0.138699	1.039694	0.226699	0.43403
0.158627	0.296516	0.158912	0.117973	0.055504	0.29876	0.257061	1.486936	0.077263
6.24276	4.390286	4.167089	4.131809	3.104928	5.01609	4.650132	4.909149	3.664218
4.150856	5.875687	7.743516	6.988698	5.309608	5.04979	5.561784	3.616396	8.330254
0.040941	0.094394	0.070774	0.039853	0.095425	0.107731	0.295456	0.042945	0.037963
8.324925	8.540616	8.435222	9.558809	8.690366	8.75739	11.92112	9.606301	9.029009
4.494165	4.964178	3.70066	3.983147	5.424632	4.764651	4.887363	4.180905	2.944641
1.18386	4.37815	3.451423	1.606045	1.026588	0.208927	3.754144	1.737961	0.423011
9.221802	5.15773	5.495838	5.819809	6.775444	5.926698	6.027446	6.320051	5.728259
3.502789	4.31802	3.557076	3.189051	2.895079	4.02321	4.126097	4.539625	2.5371
3.76164	4.146475	3.703521	3.089683	3.714879	3.024831	3.508268	3.790448	2.789111
1.766721	1.20978	0.88569	0.94657	1.540316	0.704258	1.493594	0.575501	0.588422
0.092018	0.656034	0.050443	0.070893	0.059549	0.040153	0.159263	0.042335	0.072173
4.476879	0.664083	1.379525	0.974867	0.4209	0.896828	0.641401	0.539289	1.066278
5.837844	5.075706	4.760967	4.153626	6.191124	3.762562	4.686315	5.086954	5.570374
5.002142	3.200027	2.381886	3.798783	3.529611	4.308189	2.333532	8.526212	1.903508
4.480839	1.7864	0.97355	0.85211	2.493359	1.386116	2.990654	0.563496	0.350847
5.436147	3.860365	5.324747	5.790119	5.524164	5.256627	4.819439	4.628851	6.003139
0.152057	1.636505	1.631818	0.656232	0.354718	0.13383	3.234084	0.819071	0.14169
5.700901	4.657491	4.311457	5.443402	4.109666	6.421596	3.914069	3.762091	4.163557
1.868332	0.375034	0.818359	1.147739	2.19203	0.667692	2.958329	0.125375	1.117804
2.840052	2.764438	3.089157	2.977767	3.655747	2.662045	3.87946	2.772981	3.21102
1.804596	1.534138	1.111399	0.816031	1.03617	1.798591	1.72475	2.672384	0.648164
0.375262	1.045723	0.202878	0.12284	0.243332	0.158533	3.450772	0.465705	0.615467
3.716149	4.238843	4.021458	4.803104	4.008517	6.472114	5.58337	4.385522	4.811496
7.610105	5.097741	5.316888	5.906094	6.011107	6.367909	3.865943	4.014734	5.614004
0.748937	0.635935	0.386771	0.435214	0.324152	0.169464	0.660712	0.562172	0.353632
5.863662	5.070184	6.905996	4.759038	4.006014	2.373677	5.961099	3.722894	4.651239
7.071428	8.597293	5.657978	6.460758	7.802779	6.590793	6.724801	4.035421	6.629042
0.074358	0.20579	0.591562	0.736964	0.1604	0.205268	0.1659	0.071507	0.4839
3.34881	3.058012	3.158864	3.034819	3.197522	2.716195	2.348419	2.551045	3.201621
2.665928	1.285053	1.088766	1.379683	0.839831	0.529724	1.788647	1.350322	1.17859
3.542606	2.225277	1.886873	2.222908	3.006771	2.996024	2.098728	2.043188	2.269044
3.507985	3.29845	3.404378	3.665208	4.285144	3.787615	3.899999	1.343329	4.178718
1.911748	2.06192	2.149328	1.091867	1.328907	0.200667	2.111905	0.375688	1.404062
4.204409	3.27771	2.440638	2.309722	4.670367	3.215471	2.565731	1.630128	2.625211
4.120952	3.760758	3.644696	2.875689	3.01221	3.466372	3.385812	4.618695	3.620331
10.10501	8.670246	8.623831	9.805616	9.92886	9.814922	8.361305	7.68574	10.80879
5.382136	5.578852	4.225813	4.125599	4.602797	3.695556	4.932208	3.434102	4.888977
3.380942	3.755853	2.354013	1.966055	3.145198	1.812789	4.103709	2.301344	2.158716
6.221508	8.919336	6.889079	7.981229	8.384239	7.081384	6.981301	9.758543	7.198506
3.198633	3.455374	3.654509	3.654027	3.984524	4.144398	3.786603	3.575147	2.799825
2.473844	3.634954	3.967857	3.610484	2.658278	3.720788	3.769906	3.922659	3.930038
0.726292	1.309429	2.616148	2.127223	0.387782	0.988473	2.20998	3.360291	1.753682
3.048278	3.504789	3.607597	3.24182	3.08146	3.651984	2.263251	3.859777	3.973111
3.66948	3.212277	4.259303	4.414213	4.848007	4.711235	3.052747	3.012609	4.002605
3.258138	3.400443	3.632846	3.418506	2.915198	3.702307	3.016139	4.02432	3.559215
1.505707	1.262766	2.185559	2.762247	0.769992	3.171551	1.372039	3.298116	2.158822
3.933258	3.467339	2.146657	2.425886	2.393124	3.121802	3.270841	2.960352	1.837546

1.912966	2.155417	1.779964	1.744712	2.028698	1.694255	1.883877	1.941024	0.755854
3.170518	3.456387	3.138218	3.450048	2.75856	0.930989	3.421302	2.868949	3.600623
2.957758	3.547593	3.794108	3.541426	2.921936	3.899036	9.696436	3.065619	4.71523
4.049614	3.824477	3.440993	3.35311	3.875248	3.774419	4.393979	3.573669	4.022461
2.368488	1.232265	0.961416	0.820673	0.479323	1.66754	1.171347	3.400546	0.609955
4.122665	4.327904	4.469038	4.484109	4.257528	3.922319	4.426369	3.713543	4.982983
7.218845	1.873375	2.066759	1.774471	1.618062	2.069658	1.58857	4.659861	1.601434
5.887233	4.458782	4.000989	4.542175	5.291512	4.751378	4.238178	4.984943	4.254618
4.583502	3.910597	5.061364	5.270942	5.146401	5.055803	4.595324	3.674416	4.754556
5.191304	5.172082	5.500697	5.272057	5.364978	5.53088	4.034296	5.18053	6.274378
5.096398	5.056839	4.267583	5.034114	4.108345	5.001321	4.056456	4.672524	4.175497
5.368353	4.473627	4.778169	5.014906	5.400764	5.167191	5.389563	5.077592	4.699737
6.117563	5.382339	6.385681	6.863308	6.39064	2.566974	5.280614	2.350813	6.865345
7.334256	5.384927	4.378682	4.383307	3.742289	5.712682	4.641203	0.517247	3.467651
4.399889	3.644263	3.09524	2.804218	4.526546	4.310132	3.195078	3.472156	3.677504
5.101037	5.196182	5.401922	6.40598	6.013281	5.587206	6.011279	5.344846	5.314584
2.639286	2.662856	2.804543	3.016972	2.724659	3.80446	1.872888	2.207986	1.888596
3.831186	2.543733	1.73103	2.403364	2.546888	2.551021	2.936775	2.728408	1.731344
3.675476	1.516813	1.619905	2.26647	1.558575	1.495227	2.405268	4.917143	2.182217
3.965985	1.966768	1.865089	2.132757	2.374987	1.562521	3.462878	1.447763	1.591064
0.296827	0.335614	2.00326	0.522904	0.149287	0.083936	0.469685	0.240018	1.807071
4.939315	5.046303	5.365157	5.278977	4.902816	6.279056	5.788469	5.919168	4.550669
4.700627	4.000462	4.105312	4.454384	5.146219	4.378216	4.411445	2.434154	5.307894
5.360768	5.621396	5.393021	5.722281	5.070396	6.619771	4.991765	4.580098	5.267984
0.66172	0.173066	0.143875	0.219992	0.006233	0.148189	0.981623	-0.14226	0.4783
0.654982	0.896538	1.921318	2.323875	3.075104	0.791767	2.447579	0.456418	1.903605
3.878587	3.660711	3.437587	3.501884	2.886671	2.831931	4.413919	3.16118	3.469116
7.313588	2.996746	2.35657	1.345668	5.364757	0.954373	4.949591	3.418569	2.822395
2.212775	2.017657	2.033541	1.916709	1.971589	1.677309	2.870713	0.975644	1.630746
3.308289	3.419212	3.189338	3.741028	3.542843	4.37969	2.513616	2.091	3.018996
6.767337	6.729553	5.443418	5.899782	6.872427	6.496177	6.328758	7.483945	6.524561
3.189766	3.286463	3.417627	2.696261	1.740096	4.038251	2.348386	4.532321	1.969937
0.505031	0.604465	0.550826	0.560413	0.827045	0.525963	0.876796	0.218255	0.046745
5.338206	4.443318	5.388597	4.667985	4.410499	4.052575	4.21062	4.670436	4.327717
5.087717	4.169372	2.955206	3.106016	3.788443	4.4223	2.862978	4.467209	2.922999
1.280323	5.119471	6.779016	6.019846	0.766088	0.775853	1.50682	1.431912	6.909378
3.237532	1.724229	1.637794	1.342042	1.778089	1.08169	2.046036	1.075955	1.240301
0.089093	0.485245	0.432049	0.359095	0.102161	0.036534	0.256972	0.055424	0.572494
5.633079	5.600589	5.503846	4.731633	5.193734	4.723394	6.123336	6.871353	5.495513
6.620777	4.346413	3.820092	4.085949	3.787029	1.212472	3.930679	3.511612	4.205044
7.40708	6.010254	5.863009	5.262594	6.490556	6.089695	6.21137	7.08674	6.598246
5.290516	4.720149	4.522168	5.860175	5.284975	5.84911	6.08777	6.383514	4.147137
3.986379	3.840489	3.47866	3.293726	3.159021	1.8686	4.570112	4.601373	3.797715
3.413505	3.565126	2.613437	2.708874	3.549394	3.597272	2.821225	2.99675	1.483161
3.159159	3.497043	3.657841	3.240758	3.511929	3.921739	4.012665	4.429617	2.980835
0.033886	0.392834	0.125523	0.174531	1.650193	0.216632	0.518737	0.014204	0.482301
0.401779	3.068366	5.446416	4.317631	0.100637	0.141096	0.507207	0.8389	4.234065
3.386278	1.470054	0.960892	0.356977	0.241996	2.109159	1.804947	4.373578	0.235452
5.500285	1.468503	1.254734	1.091097	0.800864	0.59991	2.993587	3.854632	2.228838
6.714842	6.091066	5.551749	6.129011	6.626067	6.614676	6.156925	6.049076	5.89609
3.467904	3.92032	3.069034	3.195682	3.309436	2.894854	3.735577	2.656302	3.581758

4.951281	4.609081	5.18527	4.966722	4.271036	4.71841	3.5597	4.072101	5.690493
4.135624	3.599213	3.327449	2.990233	3.617121	3.451268	4.203667	5.287313	2.300241
2.895479	4.10786	3.325507	2.604165	3.523814	2.387974	4.659195	2.143637	3.320359
5.94123	3.566176	3.462561	2.969938	3.945523	4.40895	2.429867	4.161068	3.471173
4.1458	5.859581	4.604144	5.190882	4.975771	2.887941	4.976743	2.783787	5.18254
2.553237	3.624056	4.029403	4.73641	4.046898	5.098997	3.70035	5.647037	3.979918
2.097485	2.947336	2.419032	2.134144	2.957169	2.587587	3.021838	3.429646	1.134396

TCGA-HW	TCGA-HW	TCGA-P5	TCGA-DB	TCGA-VM	TCGA-HT	TCGA-HW	TCGA-TM	TCGA-S9
0.373067	0.739366	2.342743	0.744673	0.320454	0.290493	0.818307	0.42415	0.252747
0.481127	1.399104	1.275999	1.124836	0.398575	1.046527	1.48635	0.901315	0.665146
4.726041	4.809387	4.499985	5.277223	7.6145	6.175683	4.800146	4.973298	6.047145
2.479332	3.276785	4.215664	3.500581	4.710965	4.867152	1.6061	5.48639	6.210923
1.875303	0.909547	1.380693	1.09028	0.825587	1.0635	1.189698	0.502128	1.179871
6.057396	6.334578	7.901057	6.052957	8.379925	5.88144	6.642265	6.967004	7.612712
5.360981	5.98683	6.799128	6.29212	6.700067	6.013995	4.867503	5.661464	6.289173
0.594493	0.601863	0.475974	1.035755	0.878783	3.192164	0.491548	0.763504	1.389173
0.182807	0.03065	-0.01789	0.033973	0.154557	0.074306	0.715325	-0.01427	0.1058
5.807566	5.125922	6.033691	5.72276	7.582373	4.914009	4.937452	4.528152	6.999873
4.053841	3.689084	4.952396	4.303863	6.051576	4.559256	4.360185	5.081805	5.785764
4.31963	2.862879	3.163836	3.742428	3.166274	3.619606	3.032675	2.389349	3.431861
1.387929	2.184119	3.151121	1.210062	2.095061	1.638529	1.50777	1.769504	0.918536
2.601239	3.412749	4.078587	3.773058	2.74643	3.788481	1.903204	2.858998	3.358746
6.826667	5.20145	5.489212	6.176616	3.319975	4.112037	5.05541	4.578305	4.688192
2.434164	3.083413	4.82494	2.942752	3.099436	2.536983	2.776548	2.926394	2.720212
0.538607	0.708245	1.775099	0.942264	0.48032	0.538196	0.912055	0.577534	0.521922
8.075656	8.592519	8.195178	8.541644	8.582697	7.282381	6.967369	8.674321	7.951343
6.971708	4.843162	5.420948	5.240208	4.460131	4.513164	5.915725	4.130479	5.387326
4.306877	3.763334	5.444452	3.996434	3.204003	3.49025	3.828085	3.562483	3.696412
4.110071	3.167809	2.798237	3.150985	4.064051	3.164215	2.973839	2.727052	2.894463
3.189504	2.788159	2.679791	3.122409	2.814627	3.23168	3.86693	3.782737	2.973064
3.43168	2.703255	2.500356	3.16755	3.61309	2.889345	2.56176	1.412883	3.101741
1.096226	0.510162	2.193406	0.376082	0.574482	0.405061	0.349995	0.397502	0.456906
2.674294	3.917563	5.166233	2.93351	4.29046	3.467608	2.394344	3.040382	4.458525
3.598819	2.816927	3.68877	2.444451	3.39948	2.196882	2.57219	1.021634	2.519504
0.814282	1.072457	0.421443	0.843652	1.679486	1.031931	1.190671	1.994284	0.924268
4.740344	4.273729	4.966006	4.882112	4.873557	4.404805	5.076631	5.045282	4.770449
2.003743	2.566099	2.826661	3.111517	2.685427	4.584663	1.934577	2.778631	2.4142
4.750264	4.48165	5.112281	4.522612	5.324646	4.186809	4.238811	4.62209	5.348849
0.620939	1.732639	2.646101	2.834829	0.788902	1.358648	2.69247	2.337898	1.503717
5.749154	4.251806	6.738997	3.470631	6.474049	5.669812	4.425249	4.716161	4.855072
4.707147	4.909573	5.482315	5.405288	4.442181	5.20047	4.958857	4.802981	3.535571
3.441234	2.087163	4.314873	1.867745	3.295378	2.60483	2.133356	2.310804	3.18733
2.600075	2.201898	4.85313	2.91197	2.245799	3.708234	1.30903	3.004384	2.407744
2.823652	2.312734	3.500851	3.115582	1.919359	1.64381	2.18464	1.761214	2.408313
4.891922	5.275105	5.686222	5.196319	6.17226	6.048281	4.715513	6.366749	6.114811
3.810424	3.761871	4.893401	4.071571	4.670973	4.440846	3.082573	4.165593	4.120587
4.069328	4.614252	4.696086	5.124164	4.719479	4.535732	4.773019	4.082595	4.280773
0.097639	0.086068	0.12636	0.108658	0.06538	0.168132	0.20893	0.087757	0.092485
0.333198	0.404923	4.291039	0.295462	0.512598	0.468457	0.456944	0.764534	1.505499
3.200105	2.67252	3.302366	2.01298	2.700524	3.554881	2.016109	2.485181	2.706721
1.247078	2.098106	2.819767	4.079441	1.250324	1.943543	2.726766	1.440321	1.719941
2.195749	1.007916	1.804702	1.05956	1.054036	0.869795	0.818234	0.15741	0.579949
0.191431	0.552513	1.098915	0.827195	0.948049	2.121764	0.247843	0.543468	0.693709
8.003812	10.85459	11.11426	9.555898	9.096582	10.00677	10.3559	10.14243	9.455171
6.97739	5.828172	5.706855	6.196157	7.046363	6.831549	5.468898	4.401497	6.832762
4.958128	3.984623	5.135145	4.565535	5.787083	4.774139	3.025388	2.161665	4.931754
1.047827	0.522288	2.235549	0.861204	0.878749	0.847246	1.032304	0.866839	1.270458

0.208268	0.745873	0.54492	1.072794	0.267076	1.214724	0.65076	0.578658	0.540118
0.238374	0.602452	0.176592	0.356777	2.031651	0.424571	0.670516	0.652519	1.697405
2.172894	1.80128	1.864991	2.2643	3.251125	2.206809	2.219674	2.131797	2.822727
4.432097	4.680884	5.154603	3.97317	5.184333	4.446949	3.673572	3.677232	4.870117
4.383551	5.658329	5.215021	3.195273	5.465055	3.586603	2.79927	5.032583	3.841922
0.141835	0.089436	0.931193	0.241969	0.103412	0.053027	0.121855	0.086723	0.049799
0.496824	0.388628	2.05753	0.435175	0.595651	0.594982	0.525176	0.538855	1.150283
5.79982	7.594136	6.776886	6.309835	5.923047	6.80553	7.034196	7.994371	5.924482
9.788094	9.047811	9.09219	7.67914	9.532754	7.710917	8.283267	8.740239	8.003429
3.819819	3.118915	4.93535	3.34122	4.845251	4.25624	3.664536	3.887038	4.01857
1.344162	1.382893	2.487319	1.622674	1.203728	0.86038	1.060506	0.939597	1.210313
4.513136	5.43385	4.188523	4.675195	6.365395	6.032193	4.780027	6.516976	6.741381
0.628717	1.008146	5.910864	1.672565	0.882405	1.124797	1.329743	0.790191	0.981224
3.378272	3.154455	3.819508	3.921317	4.097351	4.126938	2.631396	3.27265	4.264667
2.601177	0.915125	0.443779	0.875034	0.982011	1.563119	0.651174	0.554479	2.526767
8.69521	7.855883	8.57484	6.243535	9.383456	9.521447	7.723171	8.675846	8.261537
3.521384	2.635464	3.422458	3.654622	2.804861	2.861453	2.936316	2.87235	2.99197
3.963574	3.336904	3.633772	3.839119	3.558941	3.578787	3.407701	3.506132	3.756462
0.433203	0.568654	1.0919	0.576525	1.214071	0.666547	1.615786	1.429006	0.80728
5.697379	5.0789	4.150676	5.700666	6.824352	4.87892	4.448998	5.261071	5.11977
3.972613	3.38319	3.414691	3.79273	3.691749	4.655503	3.280337	2.906914	3.662654
1.075361	2.060121	4.241703	2.287613	1.029762	1.413307	2.507754	1.407471	1.552143
2.418287	2.204833	3.230968	2.66707	2.819347	2.648601	2.558329	2.117249	2.981014
4.378357	4.803027	4.300816	4.742244	4.893974	6.381256	2.954344	4.389956	4.196062
4.659602	5.727	2.947991	4.294393	5.496608	6.471718	2.78153	5.478604	4.659053
3.187727	7.292445	1.602246	2.287799	1.360365	5.478706	3.440335	6.886777	1.607783
0.571316	2.121582	3.423594	1.925901	1.249812	2.582045	3.291184	2.777413	1.207173
2.69841	2.197102	3.281878	3.430641	0.906503	1.679449	2.499118	1.625241	2.016324
3.632204	2.269945	3.240783	2.9616	2.557788	2.413533	2.725097	2.184415	2.888835
3.623193	3.156246	2.536279	3.297533	2.165985	4.152061	2.512257	2.946814	3.567813
3.556964	1.927573	2.123569	1.420309	1.6368	2.428369	1.675167	1.098104	3.197146
2.679832	3.047177	3.890952	3.561864	5.167124	3.321341	4.322117	4.98711	4.115164
6.91645	7.27007	5.451275	6.377867	8.745478	7.836615	6.406515	8.449895	7.530563
0.713825	0.451055	1.376291	1.269454	0.538557	1.482086	1.3128	0.570802	0.784389
5.342139	5.627484	6.609996	4.620006	7.129545	4.972702	4.756785	5.13582	6.807841
0.124789	0.739959	0.16142	0.460386	0.339852	1.546586	0.730725	1.763481	0.768455
4.208069	3.195313	2.85989	2.601679	1.920063	2.773262	3.502776	2.905214	3.544032
2.884356	1.945576	1.027454	4.394734	3.60784	2.051504	3.435942	2.950281	4.17957
1.593862	1.959234	3.274854	2.550841	1.654677	1.689286	1.999512	1.676892	2.151277
3.084677	2.805484	4.406413	3.078783	4.158566	2.825193	2.558625	3.03996	3.585541
6.771127	4.205102	5.26451	3.66074	5.202601	3.887052	2.717999	2.951917	4.634301
0.107098	0.159758	2.788077	0.18696	0.165584	0.11857	0.246421	0.132755	0.125139
1.209917	2.865008	3.880407	2.370213	1.818214	2.367958	3.802021	2.786389	2.164587
0.796487	0.094075	0.015602	1.309365	0.382194	0.885284	0.491614	0.041615	0.945449
3.246022	3.5626	6.661157	2.989583	3.812451	2.630649	3.593563	3.548587	2.985659
1.453582	0.881654	1.874019	1.467532	3.086419	1.991386	2.474106	3.542624	2.094449
3.151429	2.787255	3.814749	3.764473	4.744447	4.950421	3.659371	3.39502	4.081152
2.35486	2.022155	1.695359	2.136804	2.102906	2.997844	2.590883	2.763113	2.462011
6.758774	6.739681	4.505494	5.65795	8.449595	5.53333	5.317818	5.896258	7.72996
1.199777	2.519771	4.131165	2.760464	1.241676	1.765483	2.59763	1.863596	1.820562
6.97293	7.808059	6.28862	6.211851	4.705987	6.247044	7.293759	5.897869	6.09852

1.53655	2.724568	4.800363	4.103609	1.30314	1.829445	0.802385	2.309423	1.087243
1.2478	1.307977	1.867121	2.557555	1.962022	1.601525	3.176367	2.110536	2.049629
3.776807	3.376573	4.207224	4.314263	1.882872	2.522073	3.157576	3.461018	3.790256
-0.01725	0.310998	0.435805	0.009129	-0.01725	0.051362	0.428629	0.043576	0.279196
7.815227	8.967178	7.909434	7.045415	8.427786	9.120077	8.414204	8.950586	7.858464
4.459987	4.398146	4.72087	3.683636	4.325469	4.359778	3.682354	3.995326	4.33971
2.528388	2.277809	6.289738	2.297786	3.077772	1.962627	2.192529	2.670951	2.209378
0.244154	0.647006	1.415611	0.422069	0.261804	0.622705	0.520868	0.258633	0.423605
6.011952	4.548897	4.208845	4.00853	4.477078	3.926636	4.022608	3.058423	5.429798
1.850667	0.864927	3.168697	1.109289	0.467031	0.822153	1.264807	0.560502	0.995453
2.611765	2.47921	3.359508	2.711238	3.247965	3.144734	2.201418	2.990685	2.856715
3.405011	2.915388	3.29574	3.872039	3.074961	2.303498	2.727786	2.821664	3.073876
0.075049	0.069487	0.078333	0.260353	0.28494	0.788265	0.076684	0.101115	0.241658
0.202629	-0.04818	-0.01459	0.388256	0.000317	0.106699	0.087758	-0.02849	0.11843
4.59214	2.848378	2.824488	3.406827	0.424604	2.678902	3.748359	3.816688	1.078211
3.620008	4.022936	1.74337	2.047625	4.348799	2.931505	3.746188	3.541484	3.131397
1.145153	3.188283	2.652134	2.64824	0.494373	2.132626	3.717605	2.81667	1.512679
4.073821	2.926832	3.121484	3.223436	3.147302	2.67279	3.080329	2.931698	3.87079
2.148811	4.141099	4.606722	4.120161	5.579734	3.317374	2.83342	2.755974	5.562876
7.449507	7.297243	6.802709	6.470778	8.405095	6.461782	6.598667	7.746701	5.626541
0.115393	0.003145	0.414331	0.100099	0.007558	0.014649	-0.00817	0.018762	0.127297
0.549776	0.543191	1.759382	0.809714	0.469564	0.40163	0.579803	0.682111	0.668613
3.485844	2.780799	2.925843	2.531926	2.944436	2.33289	3.357698	3.440324	4.020716
5.557433	8.09037	7.242569	6.961347	6.354352	7.99355	6.328705	8.496335	5.700731
0.133417	0.086997	-0.01187	0.027707	0.038444	0.222988	0.084683	0.159945	0.047028
0.140609	0.078179	1.44092	0.717929	0.215752	0.702005	0.044286	0.133491	0.144076
4.708084	4.625427	4.287908	4.247262	3.876294	3.683653	3.485311	3.709383	4.643966
4.621519	5.853861	5.828065	5.979198	6.756044	6.922787	4.93075	6.544536	6.567252
5.145187	4.959771	4.552629	5.2751	6.25052	5.905167	4.775397	4.933188	5.682656
4.73724	4.559374	4.496607	3.790966	3.717961	4.79076	4.355256	4.420822	3.582794
4.653134	3.632718	5.250323	4.342391	4.014856	3.44481	3.55399	3.055856	4.106746
0.723742	0.735739	1.448175	0.890944	0.891991	0.977102	0.96213	1.165168	1.148584
2.57094	3.087604	5.906043	5.24581	2.361491	3.594239	2.811281	3.820498	2.593088
0.000681	0.026999	0.000681	0.036659	0.021987	0.274972	0.000681	0.034285	0.011335
4.193353	3.868767	7.16421	6.552104	4.319988	5.070967	4.408417	5.143376	3.720742
4.628149	4.011254	4.008918	3.925881	4.499648	4.077286	3.516749	3.689879	4.51174
5.327564	4.570207	5.902421	4.7933	4.018554	3.778631	3.952219	4.055935	4.17981
2.518585	1.476507	2.022639	2.805727	3.317493	2.324095	3.552669	2.906638	3.005455
4.209864	4.314892	4.488648	4.742131	4.866175	4.352558	3.313522	5.110423	4.315727
2.940294	2.344785	3.944095	0.27237	3.40177	1.497725	0.590855	0.898228	2.864219
0.007441	0.197939	0.11343	0.65075	0.078414	0.863711	0.047226	0.104814	0.129572
3.994237	4.093058	5.193238	3.827224	4.883893	2.48817	4.097851	3.886837	4.48852
0.294248	0.130542	0.444124	0.432933	0.744146	0.182517	0.252056	0.204636	0.422106
0.156524	0.147711	0.01984	0.24614	0.073771	0.418823	0.151319	0.154406	0.242411
4.533384	5.509393	7.956815	6.531562	6.169829	6.275284	5.17654	5.999896	5.718983
3.510604	4.598089	2.889874	4.063897	3.836823	3.274139	4.115325	4.296111	4.223939
2.183264	1.780879	1.907044	1.305563	1.770748	2.866192	1.62993	2.203677	2.55478
0.942609	2.048973	0.726237	0.615538	0.538599	1.639332	0.79919	2.40962	0.92858
4.777753	5.748147	6.845976	6.2822	6.325552	5.964733	5.585626	5.534694	5.38692
0.039349	0.022296	0.084278	0.025988	0.028469	0.151214	0.117106	0.062909	0.044457
1.036094	1.418843	3.265768	1.396239	1.037107	1.108482	1.367712	0.879651	1.113006

3.445773	2.872368	2.688127	2.466366	2.475808	2.153759	2.46559	2.386382	3.268817
4.048656	5.050784	7.269629	6.297569	5.582612	5.869251	5.386521	5.089039	5.31885
0.397535	0.478312	0.320273	0.136247	0.098586	0.440476	0.345498	0.213689	0.116687
0.270431	0.137434	0.466172	0.230792	0.211608	0.229126	0.140511	0.104784	0.194634
5.58449	4.328118	5.3106	3.8571	4.71915	3.763253	4.484117	4.248489	4.177634
5.215835	5.397681	3.555596	5.535655	6.424811	6.855176	4.553962	5.401931	5.588028
0.033792	0.081797	0.059865	0.076178	0.108339	0.078023	0.132359	0.255445	0.112454
8.553061	8.775457	9.188985	8.632209	10.86882	7.96358	9.230287	9.892889	10.99055
4.519143	4.263489	5.58899	4.261306	6.147266	3.8223	4.305614	4.684004	5.345648
0.247697	0.638821	3.391832	0.414639	0.38432	0.56109	0.446647	0.355948	0.737479
4.907148	4.871042	7.59359	6.477232	5.374684	6.045559	4.911849	5.194256	6.705095
5.238813	3.323365	4.64331	3.025464	4.057655	3.460581	3.622344	3.493787	4.550836
3.556531	2.796898	3.334857	3.533125	1.952553	3.421833	3.562719	3.232316	2.55791
0.965037	0.74312	2.21378	1.479206	0.779165	0.809322	1.222212	0.828703	1.079896
0.045198	0.046474	0.049415	0.131156	0.054695	0.080961	0.064987	0.058666	0.117611
0.350049	0.577799	0.982995	0.631315	0.958607	1.513334	0.455065	0.840334	0.755439
3.293605	4.04199	6.223715	5.343833	3.953835	4.170809	5.338136	4.509753	3.650131
4.191729	1.67032	8.593549	1.780905	2.994924	2.288808	2.949768	3.2498	3.333328
1.147681	0.88749	5.487192	3.893222	1.465508	0.803725	1.346258	2.462245	1.513952
6.098672	5.017038	3.461221	5.445643	5.513256	5.591756	4.84413	5.590903	5.658125
0.192752	0.793299	1.3021	0.118774	0.904965	0.279351	0.421134	0.345824	0.964175
6.988833	5.871876	4.297339	5.494545	4.070409	5.701118	4.955833	3.91396	4.860422
0.69896	0.346849	0.070513	0.499022	3.746456	1.754016	2.548773	3.028883	2.247237
2.387024	2.87127	3.224687	2.853052	4.603887	3.129416	2.914683	3.48971	3.409237
1.157677	0.956241	1.971131	1.629915	1.71941	1.107133	1.194287	1.177501	1.126479
0.608736	0.66833	1.720414	0.293808	0.759271	0.457335	0.768086	0.093941	0.449192
5.707841	5.069634	3.910917	3.611325	6.800689	4.348626	4.777397	4.062151	4.198122
5.894651	7.620044	6.425795	6.15259	4.578808	6.034942	5.004789	7.316855	4.011498
0.367239	0.735425	1.344423	0.60872	0.74942	0.308389	0.746225	0.283712	0.459519
3.24107	3.31129	4.106157	6.013291	4.703497	4.503039	3.203897	3.947831	3.832673
7.585573	7.386208	6.772289	6.270586	4.092579	6.287727	6.825092	7.014379	5.247537
0.218682	0.244788	0.056495	0.083197	0.361721	0.645557	0.128803	0.134907	2.230717
2.840578	2.899638	2.204716	2.998348	2.378943	3.07606	2.352517	2.694492	2.693386
1.428774	2.133494	3.172085	1.887053	0.908099	1.259678	2.008807	1.037422	1.4442
2.753852	2.481764	2.565494	3.112159	1.972795	2.425198	1.98568	2.635914	1.731
4.181943	3.839644	2.619573	3.996339	3.04503	3.624896	4.027263	2.777254	3.03595
0.322207	2.293129	1.15584	1.851898	0.361746	0.814282	1.503126	1.40762	0.68907
1.934222	2.378888	1.982991	1.648784	0.892054	2.809924	2.748153	2.302709	1.203414
3.515792	3.144412	4.953681	3.583412	2.390187	2.624311	3.67984	3.245056	2.4787
8.906487	9.719086	10.05129	8.704424	9.021804	9.904282	8.374707	10.71691	8.593626
4.021049	3.507576	4.069478	4.600264	4.44635	3.804741	4.306896	4.183552	4.444412
2.023954	3.169174	4.34354	3.684262	1.022757	1.77169	3.976912	1.719568	2.245466
9.199637	9.734382	6.995336	5.365533	5.699153	7.973077	8.80073	8.852814	7.518955
3.915034	4.221553	3.456807	3.798494	4.382654	3.518933	2.904379	3.992898	3.418539
3.837655	3.093192	3.300123	3.550411	3.545376	3.279379	3.574039	2.842725	3.512012
0.628017	0.67567	2.59289	0.905236	2.532659	2.717683	0.573584	0.657497	2.203982
3.719942	2.553251	2.335557	2.703357	2.704774	3.130841	2.441046	1.712777	2.206365
3.95137	4.059351	3.808519	3.559349	5.371666	3.836695	3.248308	4.136308	4.315585
3.386634	2.707588	4.171197	3.162894	3.3439	2.993585	2.606686	3.137269	3.906365
2.826538	2.752196	1.982513	0.656243	1.74804	2.240352	1.011519	2.382387	1.235324
3.222181	2.870507	4.743396	2.338882	2.020506	1.963964	3.042358	2.081122	3.312274

1.848087	1.281994	1.818871	1.664797	2.198627	1.543072	1.240913	1.175025	2.584349
2.779688	3.599111	3.193046	1.865222	3.298489	3.826097	2.540147	3.063444	2.006563
3.354793	4.066051	3.427577	3.257215	7.509333	5.47304	4.264797	3.107713	3.111035
3.649917	4.217701	4.489726	4.150846	4.997626	3.754056	3.679841	4.004401	4.454076
1.25081	0.95336	3.057445	1.42223	1.047599	1.195133	0.722317	0.985047	1.110805
4.164856	4.233694	4.773019	3.782557	6.025303	4.43405	3.439502	4.288362	5.349132
2.368781	3.175507	5.398353	5.869557	2.899939	2.683867	1.727707	2.498445	1.639965
4.153808	4.840657	5.831779	4.488408	5.034014	3.701695	4.133295	4.546006	4.793404
4.923981	5.313165	4.402718	5.46378	5.99069	5.045309	4.414546	5.265432	5.952689
5.403504	4.50018	5.177771	5.271337	3.846684	5.085441	4.499466	4.033774	3.863225
5.019752	5.500413	4.567316	5.385029	4.560319	5.191094	4.819808	4.280463	4.487629
4.866842	4.906017	6.169916	4.68957	6.637636	5.177098	4.656665	5.795607	6.181854
5.869303	10.02813	3.082162	4.759233	4.346518	7.015576	6.322363	9.72221	5.291064
5.577992	4.9868	5.461031	5.241032	4.975541	3.830545	4.574289	3.640552	4.665444
3.434848	2.396363	4.951159	3.70988	2.018274	2.828572	2.934005	1.921527	2.250968
6.308634	5.369834	5.086142	5.937881	6.648362	5.397847	5.927284	7.426338	6.631233
3.754835	2.059625	2.712554	3.595101	2.232491	2.27001	1.962798	1.539662	2.720244
2.359864	2.47682	3.534952	2.432983	2.628275	2.209761	2.397119	2.073303	2.781945
2.280354	3.08756	3.887873	2.099852	2.462609	2.131941	2.096396	2.5826	2.440515
1.335354	2.404268	3.299928	2.49908	2.310593	2.685268	2.616201	2.733249	2.12451
0.094713	0.378442	0.609521	0.836074	0.168217	0.548335	2.612261	0.140058	0.51177
5.873156	4.915886	4.433451	5.246236	4.581179	4.830747	5.064133	4.335606	5.605632
4.26076	5.223616	3.746768	4.564621	4.610053	4.024674	4.164564	5.151341	4.104841
6.77419	5.947371	5.378556	5.902547	5.752699	4.830242	5.358996	4.493604	5.488304
-0.09085	-0.14226	1.391414	-0.14226	0.211263	0.156123	0.248505	-0.06979	0.294097
1.646391	2.08733	0.522209	2.439538	3.027066	2.461007	1.75124	0.860092	1.730384
2.815384	3.288976	4.123308	3.397381	4.735123	3.768085	3.318655	3.487694	4.412117
2.225718	4.606727	7.433413	6.449827	1.170261	1.727351	3.937077	3.159262	1.629636
1.801432	1.392871	2.608517	1.621087	1.966467	2.211144	1.716298	2.583661	2.774033
4.396986	3.539846	2.944782	3.837935	3.282878	3.014979	3.737338	3.691297	4.272845
4.862271	6.245847	5.126664	7.170111	7.21137	4.932666	6.976158	6.822319	6.263686
4.052697	2.802318	4.416874	3.298284	1.923391	2.409681	2.228537	1.837537	3.123877
0.423736	0.184649	0.454066	0.746062	0.986193	0.400166	0.509265	0.556256	0.78073
3.901565	4.170704	5.158971	4.158068	4.132347	5.341251	3.641993	5.098004	4.360918
2.820557	3.315741	4.587073	4.154302	2.799214	2.483055	3.667421	2.323039	3.179424
0.601905	1.712009	0.501837	3.949173	2.381837	5.804962	0.629526	1.667929	2.07343
0.346088	1.427267	3.956909	1.448903	1.980537	1.245139	1.358878	1.822621	1.151321
0.016725	0.016725	0.139355	0.411068	0.03194	0.379706	0.039215	0.122292	0.134884
5.417424	4.816118	6.535551	5.015654	4.704099	4.504207	5.673919	5.350283	5.274281
2.981202	5.032172	6.321029	3.544378	2.74833	4.454814	2.837701	3.756123	3.38476
6.176896	5.997906	8.139207	5.144613	5.664921	5.201312	4.916488	5.90758	5.736678
5.495802	5.648751	4.902001	4.616955	7.209389	5.377222	5.531378	3.930911	4.773548
2.019212	3.198257	4.619563	3.397529	3.51167	4.016777	3.774471	4.359025	2.593846
3.204613	3.31441	2.689358	3.336735	1.766568	2.264215	2.936337	3.436869	2.907172
3.702866	3.146217	3.789668	3.169046	4.32608	3.752497	3.370938	3.569074	4.021968
0.022203	0.230308	1.999964	0.661917	0.028487	0.224874	1.070215	0.503012	0.042604
0.230441	0.232364	0.081835	1.645293	0.417445	5.114031	0.165411	0.755896	0.378398
1.433257	1.081421	3.648915	2.302509	0.541803	1.134311	1.089424	0.749313	0.76921
0.557448	0.794098	7.140943	1.593706	1.0003	1.237417	0.951685	1.061631	1.077163
5.486936	5.9195	5.984564	6.179716	7.562304	5.71295	5.720019	6.151728	5.91823
2.882614	3.526094	4.169799	2.635511	4.042884	3.695341	3.594052	3.43996	3.783329

5.511029	4.777094	3.55154	4.232015	3.471002	4.81276	3.873714	4.121647	4.553564
3.590781	2.677713	5.239393	3.396145	3.226303	3.742495	3.350139	4.756799	3.621614
3.303076	3.362027	4.054596	4.28212	3.245823	2.491704	4.60716	3.775579	4.032188
3.282141	3.023943	5.009063	2.845675	2.992202	3.115803	2.187071	2.053235	2.368024
3.638072	5.169916	3.729803	5.499418	2.35768	5.237887	4.937287	4.274284	3.096624
5.255886	5.539022	3.192521	3.071718	3.395335	4.128493	4.335524	2.515918	3.882484
2.284712	2.068369	2.471159	2.290679	2.4889	2.742158	2.319109	2.421843	3.083987

TCGA-WY	TCGA-TM	TCGA-DU	TCGA-CS	TCGA-S9	TCGA-QH	TCGA-DU	TCGA-QH	TCGA-TM
0.841527	0.349844	0.629265	1.11088	0.231697	1.143107	1.447603	0.177951	1.293584
1.783589	0.874224	1.231133	2.661245	0.693071	0.800818	2.552174	1.640699	1.664913
4.585461	7.431851	4.489556	5.568568	4.80865	4.938059	6.39976	6.552038	4.828093
2.636994	3.750672	4.394256	3.354045	2.072958	3.281177	3.925674	5.210173	3.071116
1.316863	1.452044	1.339722	1.422694	1.099414	0.906825	1.598266	0.648713	1.266809
7.227802	6.135918	7.41699	6.225065	6.342767	6.991374	7.019478	8.397883	7.151207
5.168108	5.983519	6.380472	5.722568	5.416821	5.485023	6.256677	5.88676	5.244421
0.634352	3.827411	0.5601	0.749372	1.328458	0.947068	0.552251	2.001604	0.603959
0.230367	0.089796	0.436699	-0.03228	0.013318	0.132852	0.035817	0.056512	0.395753
5.586982	5.936544	4.794243	4.817616	6.173189	5.673127	3.667183	4.204383	5.646545
4.579748	4.045235	4.370011	4.208131	5.372183	4.80207	4.32887	5.055082	5.795274
3.352837	4.087379	3.417954	3.014275	3.690532	2.877853	3.787619	2.10199	2.953892
2.494974	1.897248	2.577516	3.097343	2.617639	1.930244	3.451071	2.988934	2.158027
1.920666	3.736293	5.794586	2.682914	3.995746	2.852288	5.591872	3.237673	2.366789
5.145193	3.881013	5.149238	4.681238	4.786293	6.100582	4.931554	4.675988	4.741819
3.547079	2.632945	6.780454	3.25812	2.739172	3.218609	3.725999	3.845938	3.102039
1.245584	0.981125	1.976725	1.14313	0.451424	0.862613	3.949334	1.093706	0.984812
7.858484	8.223056	8.385036	8.651979	6.725845	7.766763	8.720037	8.505719	7.236693
5.861686	4.029583	4.982837	5.647331	5.880781	5.646007	3.101775	2.904003	6.16713
4.697779	3.745713	5.431043	4.313006	4.071109	3.169169	4.720885	3.384829	4.229186
4.169636	2.523659	3.03731	3.10917	3.207511	3.407982	2.846716	2.404873	2.902999
4.077353	3.184177	2.526511	3.228241	3.11886	3.072003	2.284682	2.443196	2.928609
2.944194	3.584278	3.631352	3.037737	2.908499	3.062566	3.402262	2.761516	2.772917
0.333615	0.339921	3.125455	0.352944	0.244463	0.552305	0.791726	0.368616	0.424442
3.302789	4.57636	5.120562	3.524988	3.711803	3.003037	3.980212	3.582864	2.695291
4.418433	2.214666	2.7214	3.949794	2.301176	3.98516	3.814431	1.022289	3.453245
1.366186	0.558488	0.769606	0.532563	1.076043	1.115665	1.394666	0.578993	0.997205
4.976199	4.384411	5.36657	3.790949	4.650845	4.956907	3.923339	5.596854	5.183416
2.105328	5.505922	2.947794	1.827625	3.234427	2.749358	2.337338	4.126518	2.054481
4.699683	4.142958	4.453027	4.087868	4.816816	4.655924	4.559409	4.125247	4.138223
3.231377	0.717584	3.708937	3.904439	0.786452	1.008399	4.856824	3.622349	2.85319
4.518416	6.450327	6.521976	4.505713	5.38878	4.417667	2.585705	4.394167	5.076397
5.854199	4.817832	3.897978	5.594347	4.248498	4.963263	3.746275	5.42961	5.09881
3.791619	2.576574	3.820347	3.254553	2.372431	2.45781	3.991766	3.545416	3.41597
2.28258	4.542214	4.891611	2.255894	3.212772	1.950499	4.036599	3.335868	1.823445
2.732516	1.504332	3.582954	3.263737	1.972087	2.277843	3.905066	1.534301	2.826427
5.622009	6.616909	4.467312	5.052767	6.094076	5.346688	4.213565	6.331709	5.218977
3.786503	4.323098	4.597105	3.365531	3.663177	3.544622	3.761371	4.494079	3.250831
5.495147	4.296795	5.303855	4.81339	4.037033	4.453921	5.029649	4.870791	4.604411
0.08943	0.1739	0.205653	1.057562	0.099095	0.0821	5.170033	0.081649	0.067599
0.427111	0.672975	6.278229	0.283922	0.622734	0.72472	0.291817	0.46004	0.546112
2.25149	3.526761	2.59964	2.956607	3.255876	2.65636	1.403716	3.084008	2.336895
3.4993	1.363145	3.590541	4.131853	1.092786	1.597793	5.032714	2.580436	2.269708
0.704785	0.553337	0.352978	1.364928	1.349916	2.139178	2.517518	0.691773	0.537952
0.367742	2.919732	1.720844	0.763542	1.011598	0.794342	3.39531	3.611657	0.499344
11.21151	9.256203	13.07045	11.65202	8.571139	8.765483	11.58537	10.30011	10.40981
5.421348	7.479929	3.308383	4.772052	6.478721	6.239095	2.74079	5.998369	5.918589
3.831041	6.084052	3.316842	3.503509	4.866235	4.170442	2.823158	3.53064	3.643379
1.806806	0.525546	1.773973	0.57074	1.564833	1.256233	1.28803	0.92021	0.976354

0.283999	1.160694	0.303133	0.549853	0.419965	0.594676	2.221518	0.406834	0.318899
0.641209	0.617052	0.360697	0.308213	1.127927	1.029388	0.479255	0.524335	0.722928
2.663632	2.010647	2.081096	1.648291	1.819455	2.420787	1.711387	1.630012	2.369503
4.210358	5.239124	5.035453	4.468502	4.642908	4.749908	5.698823	4.417419	4.071685
4.393572	3.496545	5.45843	4.107181	3.987695	4.154854	4.665154	4.680409	3.837367
0.445744	0.062486	0.818447	0.846699	0.041909	0.195233	0.944083	0.359928	0.304387
0.595981	0.508596	5.891419	0.374898	0.516394	0.891519	4.245958	3.190173	0.744433
7.655956	6.952703	7.939344	8.153315	5.128326	4.940738	8.089474	7.954152	8.03727
9.3401	8.468241	8.080738	9.777515	9.473025	8.508475	8.832858	8.945801	8.519667
5.274115	5.517923	5.33439	4.172888	4.676041	3.752651	4.507046	6.024559	4.065427
1.635824	0.857587	2.503277	2.090256	0.833397	1.261862	2.789142	1.594237	1.137843
5.579617	6.239345	6.093006	4.996973	5.892933	5.439435	4.882415	7.34186	5.323732
1.440452	1.598016	3.386774	3.337669	0.776207	0.669394	5.460983	1.41367	1.11831
3.395599	4.024008	4.468335	3.160167	3.389567	3.326494	3.022299	3.110944	3.168173
0.555701	1.92919	0.920576	1.007788	0.762773	0.764635	0.911655	0.912693	1.252014
4.080627	9.447775	8.878978	7.429922	9.237425	7.870591	7.163255	11.2916	5.656134
3.339214	2.838532	4.237954	2.451295	3.303774	3.135188	4.334216	2.441471	2.819934
4.088712	3.137052	4.26123	3.589993	3.446323	3.691405	4.619178	3.507444	4.295846
1.303321	0.537804	0.69587	0.185618	0.940156	1.000708	0.159843	0.729754	1.337393
6.003785	5.637192	6.767153	5.309854	5.436996	4.98263	6.219035	5.558357	4.965821
3.510372	5.345178	3.082596	3.588991	4.068314	3.489812	3.241293	3.930747	3.281853
3.266101	1.382925	4.290544	3.559913	1.029469	1.443322	4.927193	3.614076	2.809599
3.108098	2.822928	3.67618	3.302614	2.934077	2.548711	3.701835	2.100686	2.66578
3.584248	7.389301	3.936703	4.056942	5.208437	4.224994	4.0898	6.166364	3.267189
3.249195	6.932096	5.974646	4.910941	5.277354	4.540224	4.603105	6.953796	3.60409
2.937886	4.766953	5.03375	4.301934	4.259423	2.051141	5.050478	4.291939	3.363616
3.088082	2.695607	2.099735	3.483586	1.708985	2.793913	3.407194	3.431921	2.893723
2.619051	1.71549	3.792466	2.986453	2.253065	2.262685	4.005907	2.664215	2.478499
2.990058	2.531662	3.193849	2.806394	2.790542	2.781417	3.122328	1.672457	3.09519
2.830132	4.566133	3.087027	3.443199	3.468455	3.644668	3.226345	3.487061	3.128609
0.8958	2.56956	3.148328	2.34354	2.219526	2.801598	2.333549	2.044458	1.560669
4.459122	3.15915	3.376873	2.668582	4.222461	4.37287	2.83895	4.431169	4.505843
6.989611	7.635668	7.022077	7.871678	6.478908	7.40295	6.809893	8.81525	7.543296
1.125234	1.950468	1.030371	0.753926	1.156569	0.883204	1.471639	0.420342	1.168821
5.527089	4.666017	5.018415	5.703661	4.915575	5.20663	4.16062	5.878457	5.481152
0.260221	1.324417	0.254061	0.283339	0.890146	0.566322	1.092957	1.03816	0.258489
3.409113	2.625716	3.671992	3.244502	3.68022	3.692083	4.197728	2.266122	3.743407
2.919369	1.891927	1.345031	1.43215	2.033161	2.353555	3.419266	1.09083	2.565006
2.530061	1.833276	2.993166	1.647188	1.886041	1.73403	3.276477	1.577941	2.038399
3.060986	2.251781	3.937652	3.310337	3.062161	3.254798	2.851561	3.24741	2.877258
3.215325	2.927094	6.764635	2.499823	4.071924	5.281911	6.79216	5.488357	2.764585
0.874279	0.216708	1.460432	0.159159	0.098632	0.245332	1.854073	0.410943	0.237171
4.134662	1.73333	4.11348	4.77648	0.923522	1.958515	4.362014	3.312594	3.881888
1.281831	0.17731	1.180081	0.233335	0.2072	0.883108	2.413249	0.67072	-0.02802
4.86861	2.672432	7.587561	5.282201	2.265798	2.707152	5.232454	3.330433	4.177371
3.244039	1.781368	2.081903	0.809332	2.43653	2.103923	1.202775	1.560333	2.979549
3.513367	4.582285	3.332016	3.355508	3.722495	3.786677	2.873728	3.643028	3.837259
3.696062	3.120288	3.00649	3.616672	1.854943	2.633893	3.571031	3.651679	3.211468
6.141392	4.825698	4.758231	6.654251	5.178818	5.682167	5.708545	4.785061	5.70098
3.139448	1.540787	3.476663	3.305677	0.94574	0.962722	4.479105	2.474394	2.638895
6.252231	4.61316	4.330383	6.984579	6.813701	7.749066	4.928048	6.439636	6.768728

1.533097	1.752114	4.712292	1.409915	1.740082	1.775856	5.810877	3.116394	1.441465
3.383888	1.75787	2.617608	1.174895	2.163544	2.288791	1.990188	2.658626	2.081598
2.965263	2.775757	3.874912	3.079452	3.103978	3.472732	3.830532	1.351095	3.462453
0.082894	-0.00576	0.821394	1.353313	0.04813	0.276157	-0.00716	0.249976	-0.00392
7.014083	9.026213	7.290999	8.132942	7.257625	8.313697	8.03449	8.611265	7.658647
4.499667	4.768387	5.813565	5.20469	4.746715	3.907553	5.199141	5.615764	3.968642
2.72956	2.057281	4.750221	3.064903	2.806947	2.193665	2.980796	3.464725	2.982859
0.404159	0.65611	1.445759	0.896745	0.35134	0.307295	2.384426	0.9212	0.472763
4.496037	3.98672	4.456369	2.911372	5.04584	4.529462	3.74357	3.743302	4.222347
1.086388	0.931494	4.129537	2.614113	0.681124	0.825104	4.078413	3.582292	1.254143
2.780723	3.449338	3.555865	2.199808	2.758696	2.672006	3.029286	3.070891	2.637128
3.350476	2.424694	3.795586	2.597889	3.129146	2.939821	3.384805	2.637021	3.104086
0.067077	0.865796	0.085723	0.06153	0.500047	0.143455	0.026444	0.278884	0.119558
0.198433	-0.04582	0.21561	0.359775	-0.04632	0.03141	0.24047	0.258843	-0.02599
3.899983	2.621546	2.406276	4.850829	3.690477	3.365988	4.48641	2.923037	4.436824
2.56054	2.166354	1.383734	4.486048	3.357875	4.335039	2.408793	1.528026	3.366008
2.364458	1.865181	2.364596	5.073216	1.230459	2.801369	2.950247	1.248968	3.067013
3.344942	2.241663	2.326207	3.194718	2.972119	2.956885	2.184989	1.141541	3.206148
3.553779	3.439985	4.962469	4.359673	3.528925	3.605069	4.20786	3.057378	3.424998
7.06066	6.884708	5.690696	8.113341	6.158365	6.891286	6.60323	7.30289	6.320784
0.021881	0.708996	0.014466	0.094935	0.032806	-0.03783	0.899964	-0.00772	-0.05326
0.777076	0.31934	2.689176	0.645857	0.544525	0.946691	0.959017	2.499237	0.699258
3.063727	2.136205	2.709814	2.558127	3.752976	3.250152	3.351618	1.352748	3.374769
7.29357	8.319705	7.338131	6.41071	6.627725	5.457979	7.040087	7.66387	6.759903
0.06924	0.323855	0.03345	0.016746	0.20657	0.275301	0.174365	0.020823	0.072484
0.862499	0.778833	0.967436	0.136148	0.254329	0.70771	1.540784	0.629115	0.072905
3.700865	3.578955	5.178379	4.206717	5.3959	3.797916	5.184577	3.250026	3.513365
5.185853	7.398681	4.947296	5.678574	5.683311	5.315137	4.572994	5.939519	5.138147
5.197761	5.834114	4.921455	5.588996	5.242883	5.859336	4.908404	5.564456	4.937265
3.898214	4.594728	3.882191	4.772732	3.809277	4.346831	4.488148	4.273114	4.062762
3.761744	3.639899	5.86029	4.385046	4.353806	3.70547	5.333467	2.710789	3.909911
0.886207	1.18776	2.637767	0.542401	0.931221	0.959096	0.71266	0.980183	0.901236
5.19041	2.175785	6.209226	3.531681	2.400786	4.656797	8.179111	5.698014	2.328663
0.000681	0.694263	0.016521	0.000681	0.060725	0.016852	0.007557	0.133739	0.009768
6.618239	4.857274	7.121884	4.454942	3.923045	5.872281	6.790409	6.714785	5.049997
4.394279	4.407139	4.597878	4.236251	4.297435	3.983976	4.53865	4.528612	3.363388
4.66923	3.343281	5.969323	4.959936	3.840166	4.151257	6.004643	5.080555	4.120398
3.011099	2.082638	3.001885	1.005454	3.318327	3.268148	2.452492	2.312785	3.199428
3.506805	4.892593	6.643139	4.402633	3.862943	4.269541	5.853747	5.395629	4.362057
2.504001	1.853822	4.756551	1.171353	2.048362	2.42317	2.040498	2.781623	2.088436
0.037062	1.289029	0.020847	0.32102	0.504949	0.122536	0.019069	1.08485	0.007441
5.13969	2.33756	4.29074	4.399378	4.49552	4.240827	3.560759	4.183104	4.632566
0.426326	0.176578	0.236709	0.163056	0.172572	0.262032	0.466849	0.323974	0.403696
0.258311	0.635577	0.180124	0.179506	0.241124	0.237846	0.087236	0.331477	0.057033
5.899169	6.472063	5.918918	6.388034	5.212423	6.024347	7.244674	7.095291	5.406939
4.007861	3.434646	3.07774	4.486211	4.0854	4.58215	2.556549	2.524735	4.010616
1.998815	3.230192	2.880171	2.22185	2.66249	2.16739	2.760133	3.747234	2.293178
0.659689	1.766487	3.020867	2.187144	0.753637	1.661168	1.234838	1.548332	1.305286
7.005276	6.347491	8.699756	5.76035	5.714192	5.935536	7.545657	5.859869	6.06567
0.052046	0.23383	0.267354	0.397065	0.035192	0.068857	0.429883	0.258702	0.093272
1.957595	1.020974	4.206453	2.118176	0.908918	0.947665	3.724756	2.516548	1.461842

3.413042	1.912028	3.126991	2.73412	2.960857	2.950508	3.096566	2.25239	2.632598
6.22151	5.854506	5.965582	6.652964	4.922163	4.379496	7.726245	5.503903	4.637192
0.156001	0.522837	2.186092	0.266151	0.153184	0.211466	0.513567	2.073041	0.276624
0.20589	0.171154	0.410564	0.214886	0.161357	0.179278	1.88062	0.204944	0.130858
5.469655	3.155591	6.006647	4.371498	5.060146	4.329517	3.69393	4.0684	4.944099
5.053876	8.115288	4.949227	5.24863	6.258673	5.203543	4.006266	6.499101	4.892478
0.131203	0.071496	0.059197	0.035478	0.066588	0.089799	0.073297	0.029681	0.057915
9.990229	8.098847	8.955959	9.679725	11.04368	9.115476	8.839326	9.488421	11.62614
4.75525	2.98592	4.860695	4.737434	5.182914	4.663308	4.372423	4.355279	4.323793
0.917122	0.466604	2.47087	1.063748	0.296483	1.497191	4.906588	1.282203	0.640935
4.084855	6.311842	8.119347	5.481443	5.8465	5.584057	8.805597	9.836985	4.958688
4.451525	3.490209	4.276239	3.615838	3.174579	4.181424	3.299459	2.981792	4.394069
3.623094	3.648807	3.260804	3.98414	2.713157	2.495427	3.251424	3.180631	3.567745
1.204904	0.72332	1.799614	1.379312	0.501953	1.009204	1.492701	1.309256	1.265475
0.050924	0.118427	0.049163	0.091986	0.144599	0.071122	1.021845	0.089026	0.0515
0.341628	1.359768	1.570806	0.673345	0.735114	1.33321	0.353382	5.267096	0.607505
6.140274	4.263995	5.169274	5.565721	4.341605	3.312383	7.04341	4.694796	4.882405
3.01437	3.015337	10.27702	1.959363	3.664328	2.920306	2.803988	3.980278	3.590934
2.22059	0.821752	3.267472	1.5596	1.585943	2.141912	4.76257	3.709518	1.563719
5.18229	4.981167	5.04643	5.455051	4.654437	5.429025	3.733946	5.846699	4.30838
2.295179	0.561649	2.149458	0.310093	0.095026	1.942568	2.102492	0.345611	0.154433
4.317054	4.825804	5.800413	4.177968	4.4451	6.12187	3.108808	4.997572	5.003757
2.078877	1.48058	1.216795	0.894071	2.201625	2.011459	1.684754	1.940819	2.734129
3.536386	3.403157	3.142157	2.61652	3.231322	3.130153	3.058525	3.617656	3.315845
2.093805	0.798419	2.375213	1.292504	1.846253	1.448479	1.780528	1.858953	1.24999
0.756337	0.109046	0.788998	0.720085	1.4671	0.159801	0.908223	0.150646	0.375327
4.791017	4.244695	3.030249	5.152932	5.271727	5.633188	2.48901	4.523523	4.948722
4.780321	5.227238	6.023457	6.070167	5.375745	4.750437	6.82877	5.159606	4.952418
1.470946	0.413664	1.211891	1.66619	0.196532	0.35996	1.428135	0.524421	1.056017
6.135855	3.244751	6.33546	3.007411	3.085469	5.08386	6.234849	4.636851	3.47767
7.160681	6.053498	4.592875	7.479649	4.182969	6.762764	7.357963	6.695297	7.072607
0.329087	0.548268	0.118867	0.163115	1.400888	0.434831	0.134527	0.331196	0.047025
3.179059	3.59663	3.102369	3.462245	2.433366	2.679341	3.20119	2.908087	2.558346
2.713287	0.739503	3.527317	2.867015	1.40899	1.200896	3.062424	1.810835	1.409734
2.490278	2.697945	4.163575	2.367233	1.511245	1.893661	2.882365	2.66667	1.373271
3.928177	3.433478	2.337267	4.462885	3.430654	4.200084	3.65244	2.765055	3.458929
3.335985	0.71639	1.905545	2.195616	0.734746	3.294481	1.671542	2.821408	2.050849
2.161794	2.882771	2.274548	2.99834	2.383777	2.698217	4.850781	2.98504	2.083887
4.301588	2.480962	4.647879	4.198379	2.857457	2.484689	4.606798	2.871409	3.931274
7.97799	9.301966	10.36217	8.705348	8.208146	7.901211	9.827068	9.51544	7.57379
4.908243	4.220238	3.317543	4.520002	3.858496	3.865054	6.250992	3.072857	4.762808
4.569432	1.491762	3.891669	5.125048	1.392669	1.792989	5.505552	2.900541	4.327674
6.439455	7.364203	6.369978	8.010918	7.578041	8.371178	5.790633	6.036608	7.312483
4.33857	3.825179	2.948467	3.780105	2.691386	5.77535	2.763032	3.538213	4.739057
3.668832	3.644128	2.413301	2.962394	3.770914	3.550358	1.67919	2.079992	3.443035
0.781367	2.623082	4.023593	0.584425	2.135611	1.302471	0.959059	1.674683	0.55167
2.734883	3.366809	2.91143	2.855312	2.676409	2.974937	2.552083	2.126622	2.7213
3.526059	4.594688	3.585636	3.802656	4.205949	4.036877	2.446442	4.1264	3.634217
3.419049	3.226437	3.688973	3.150065	3.111646	3.021151	3.147406	2.387693	2.778529
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3.875697	1.607044	4.384303	4.398005	2.234749	2.636466	5.294859	2.281642	3.441634

2.23924	1.718274	1.852231	1.573824	2.481809	2.158274	1.9053	1.276938	1.360024
2.878683	3.652959	3.20221	3.303556	3.150975	2.353059	3.716066	2.8383	3.085652
3.121056	4.682312	8.033472	3.53096	3.342011	4.420672	2.998825	4.276363	2.783215
4.223575	3.424294	4.013748	4.604944	3.585732	4.130073	3.492078	4.376897	4.25389
1.924272	0.879251	3.304231	1.211089	1.47478	1.026338	1.240447	2.13128	0.869045
4.659973	4.624833	4.377948	5.626473	4.518034	3.96455	3.927704	5.450055	4.163431
1.811286	2.165065	5.019017	1.127918	1.577089	1.604494	2.946764	1.712952	1.913578
4.922533	3.277869	5.543544	4.736484	4.611728	3.903493	6.213065	4.037101	4.352163
4.392039	4.930982	4.416154	5.238041	4.889935	4.884252	4.27306	4.285322	4.45833
4.545834	5.699427	3.040861	5.434623	4.954595	4.590752	3.170653	3.773573	4.45373
4.22474	4.14026	5.748788	4.358769	3.89002	4.057298	4.557339	4.957145	4.60497
5.184043	5.427208	5.319899	4.88365	5.353833	5.472548	4.681946	6.381552	5.506891
5.561691	6.562811	7.515917	6.122758	6.390656	6.862283	6.648377	6.88465	6.15633
5.038911	3.055613	1.577434	4.642992	5.088158	4.677826	2.872443	6.874681	5.077016
4.020556	2.969375	4.601811	3.850013	2.599875	2.84744	5.883122	4.705346	3.926879
6.146463	4.301231	5.152739	5.324587	5.88579	6.790915	3.082337	5.551408	6.425258
2.138896	2.214315	2.831633	2.535251	1.915112	2.698515	2.236358	1.044551	2.106694
2.713503	1.793165	4.137533	3.301015	1.864998	2.769491	4.097862	3.079791	2.291457
3.409464	1.70648	5.500077	2.756974	2.618966	2.468994	2.854191	3.650893	2.229079
3.228315	1.863833	4.232004	2.919113	1.643707	2.105863	5.008392	3.936659	2.95817
0.246941	1.460914	0.099181	0.566207	0.589435	0.205217	0.642562	0.91969	0.076439
5.47552	5.328282	4.528231	5.131209	5.840637	5.32719	4.565654	4.502956	5.720608
4.044135	4.342337	3.920964	4.543209	5.012643	3.906745	5.354841	3.934659	4.652139
5.878601	4.756625	4.676923	6.377963	5.573701	5.482144	5.047022	3.431332	5.425592
0.800424	0.305747	0.771208	0.532607	0.049749	0.806506	0.032552	0.49429	0.232862
2.303911	1.94508	0.766049	2.523528	1.375054	1.443928	1.726866	1.321686	1.679108
4.106999	3.587075	3.772136	3.107964	3.637389	3.509148	2.312679	4.655071	3.922596
3.923302	1.138566	5.242322	4.213016	2.04733	3.351855	6.777967	4.823698	2.875422
1.831111	1.802663	2.840444	1.92209	3.179557	1.774954	1.538908	1.771874	2.359771
3.411975	2.69787	3.106284	4.817074	3.53447	3.486868	3.593876	1.872433	3.377233
7.305337	4.73171	6.237351	6.088191	6.489124	7.214395	4.89716	6.983236	7.256281
3.057403	2.760634	3.737691	3.042956	3.771737	2.833227	3.13321	1.363303	2.317923
0.802578	0.248093	0.550381	0.194172	0.588182	0.805144	0.216227	0.269093	0.895712
4.35925	5.755613	5.240978	3.885052	4.257052	3.768347	4.946591	5.419349	3.850556
4.190677	2.315815	4.623558	4.641856	3.080633	3.283749	3.747223	2.616462	3.648256
1.371437	6.943956	3.079051	1.984276	4.401922	2.511392	1.601536	5.042104	0.539175
2.087376	1.49606	3.621055	2.320392	1.548394	1.639107	2.989147	2.514315	1.144901
0.126755	0.399821	0.319573	0.035364	0.091021	0.107158	0.13116	0.201427	0.117947
6.248203	4.665184	5.858482	5.929576	4.869947	4.402137	5.252304	5.931721	6.177374
5.179116	3.488086	7.014631	6.321372	2.91397	3.630454	7.72222	5.764779	3.65808
5.907512	5.534726	8.821831	6.466953	5.588566	5.542304	8.064405	6.398135	5.939255
5.676513	4.471828	5.069054	5.685142	6.419357	5.721096	5.364001	5.234443	5.273165
4.159067	4.132506	4.417748	3.57081	3.149048	3.238774	3.528261	4.912966	3.878105
2.992607	1.669211	3.45964	3.339841	2.570232	3.006068	4.008737	1.736847	3.286148
3.999766	3.865498	2.923176	3.410224	3.543991	3.503626	2.111122	3.425743	3.69347
0.564673	0.231092	0.324813	2.63415	0.370494	0.173271	0.348396	0.167925	0.954802
0.119551	4.768399	0.132608	0.15131	1.805651	1.200895	0.125936	2.454202	0.120761
2.667154	0.433495	4.510238	2.414914	2.053153	1.498538	2.636916	2.938596	0.673523
0.815251	1.276867	6.552606	1.020798	0.845022	0.757499	7.631328	3.094544	0.671971
6.085473	5.408327	6.46366	5.934712	6.853448	6.750126	6.572341	7.514694	6.127846
3.261276	3.368965	2.928411	3.364875	2.911292	3.069412	2.862791	3.952151	4.064915

3.402228	5.101504	5.237433	4.078787	4.294302	4.965775	4.317774	5.695372	3.619489
3.700139	3.235411	4.264712	3.206639	3.019289	3.610648	3.125178	4.760093	3.678937
4.766594	2.626291	2.562118	3.909086	3.499367	3.190155	3.047192	2.407717	3.720345
2.656688	3.646261	3.999016	2.971218	2.28601	2.169466	4.21828	3.962621	2.148578
4.505635	4.770907	3.310613	4.701675	3.853956	5.964695	3.585697	4.101376	5.346706
2.888735	4.526398	2.52715	3.747012	4.869147	5.262197	2.28078	2.348816	3.400744
2.220959	2.408232	2.536479	2.498163	2.544082	2.637701	2.346833	1.937271	2.563078

TCGA-HW	TCGA-R8	TCGA-HT	TCGA-DU	TCGA-TQ	TCGA-FN	TCGA-RY	TCGA-KT	TCGA-TM
0.534788	0.78342	0.567601	0.540258	0.684724	1.702087	1.064589	0.990132	1.617857
1.602066	0.912873	1.200436	1.722075	1.799641	2.293199	0.542352	0.376309	0.550122
5.208706	5.714017	4.231105	6.834313	5.883187	5.05228	5.864526	4.974841	4.501301
3.367862	2.381097	3.480681	6.73059	3.061515	6.635618	4.998263	4.973448	2.75593
1.039008	0.576038	0.867304	1.182454	1.095674	0.856098	0.437669	1.424013	1.76283
7.104867	7.313367	7.019692	6.323332	6.618865	6.820648	7.628731	7.128948	6.587177
6.378233	5.781592	5.654083	5.766629	5.773433	5.798091	6.047291	5.191527	5.521656
0.925086	0.999384	0.862738	4.213959	0.774545	0.500124	0.976718	0.560916	0.649291
0.169699	-0.02881	0.260978	0.004724	0.167163	0.112271	0.381479	0.975622	0.411718
5.863348	5.785446	4.270152	5.815722	5.385445	5.069608	6.388066	5.870126	5.847137
4.246357	4.146044	4.207796	4.313989	4.840749	4.594123	5.093816	4.472483	4.774316
3.64566	2.452537	2.783321	3.902584	2.671006	3.431807	2.441283	3.122159	3.725053
1.627363	2.807925	1.288458	2.15682	2.035048	3.565853	1.546956	3.059996	1.186363
2.735124	3.223468	3.46384	3.519047	3.415664	2.341434	3.191676	3.292221	1.940227
6.377605	4.717442	4.3936	3.56622	5.793978	5.561994	5.257793	5.608557	4.866288
2.504559	3.48839	3.174676	2.438023	2.838845	3.039337	2.833978	3.732941	3.478201
1.01972	0.898402	0.999842	0.814845	1.030925	1.628981	0.463237	0.740535	0.56024
8.826424	8.725606	8.086813	8.500042	8.853287	8.492267	8.677987	7.741299	6.717692
5.341239	5.024859	3.833818	3.598149	4.975978	4.956331	4.331153	5.604239	6.166419
3.69688	3.463098	4.190428	3.154292	3.588792	3.930747	2.383278	4.091564	2.885117
3.408841	3.107787	2.82807	2.65395	3.246629	2.477603	3.642356	3.487264	3.199421
3.669806	3.082846	3.21342	3.409201	4.570001	4.697221	2.45466	3.024535	2.523258
3.004561	3.193861	2.347799	3.410934	2.816976	2.843273	3.122995	3.05038	3.235535
0.34611	0.504944	0.359014	0.309413	0.432089	0.250011	0.808794	1.232972	0.448862
2.670514	3.069285	3.21874	4.113775	2.522907	2.997701	3.962679	2.423366	3.952054
4.323983	3.516515	2.491369	2.155896	3.765427	3.660986	3.349291	4.229052	3.664914
1.187658	0.796039	1.785365	0.628945	1.479337	1.071044	0.783751	0.913412	1.551242
5.023567	4.18671	5.000057	3.968608	5.427291	5.116338	4.385405	4.530668	5.171511
1.979509	2.626705	3.028973	5.220402	2.5278	2.147647	2.547415	1.535446	2.952825
4.605436	4.340413	4.262684	4.165151	4.529106	4.969966	4.892001	4.693732	5.0113
2.520614	2.104408	1.644796	2.180502	3.036922	3.492796	1.502996	2.50225	0.705384
4.919739	5.239135	4.595954	5.58608	4.685834	4.559478	4.817621	4.749811	4.335442
5.06702	5.263596	5.390073	4.666357	5.990591	5.710208	5.470153	4.804597	4.027432
3.483873	2.229816	2.102615	3.16345	2.699763	2.330905	2.527914	3.353075	3.18827
3.217286	1.760132	2.391481	4.531693	2.575254	3.191706	2.192148	1.901571	3.897964
2.883784	2.057973	1.914663	1.267158	2.762865	3.275441	1.769678	1.981595	2.653713
5.083508	5.049205	5.26295	6.32541	5.303222	5.148327	6.133143	5.432434	5.06707
3.903243	3.356357	3.954614	4.212794	3.900065	3.356985	4.117906	3.935103	3.920126
5.267386	4.602731	4.95944	5.21763	4.799926	4.257528	5.135319	3.832275	3.603143
0.131747	0.084295	0.116276	0.091606	0.099064	0.19103	0.097433	0.367369	0.075655
0.517072	0.810115	0.417535	1.164497	0.507865	0.416342	1.021859	0.666492	1.069875
2.40745	2.179668	3.062251	3.424354	2.302426	1.658042	2.682978	3.541024	2.507982
1.741482	2.095956	1.944092	1.581187	3.144881	3.613859	2.496221	1.531	0.548543
1.251909	1.898921	0.523917	0.716307	1.030745	0.985339	1.837879	2.22675	2.178388
0.726374	0.778661	1.037566	2.743711	1.084	0.788715	0.689009	0.981121	0.417311
10.11066	9.310535	10.45729	10.08065	10.60432	10.95058	11.11381	9.793731	7.273556
6.013412	5.962688	5.350321	7.256203	6.033191	5.198513	6.45818	6.662368	6.283063
4.561716	4.370085	3.487311	5.285133	3.296674	3.096814	5.247399	4.624848	4.410928
0.63933	0.840656	0.717221	0.622857	0.840907	1.256802	0.975256	1.209072	1.566391

1.3163	1.176642	0.923502	1.406372	1.110699	1.126784	0.084489	0.270744	0.265021
0.582407	0.649235	0.606393	0.613906	0.758736	0.342482	1.967365	0.561839	0.870507
2.34615	1.848191	1.787728	1.957525	2.587176	2.166471	2.753735	2.357084	2.569173
4.563132	4.769502	4.036941	4.97829	3.819526	3.862593	5.25104	5.105058	3.960959
3.753759	5.009327	5.618904	3.185674	3.907626	4.416137	4.41484	5.652555	3.741906
0.19335	0.092524	0.106259	0.202077	0.19539	1.478739	0.04956	0.163869	0.066811
0.7395	0.433106	0.504425	0.883034	0.448707	0.668102	2.261955	1.519279	1.092927
8.547238	6.999277	8.414947	7.248349	7.388589	8.049146	4.963384	7.861321	2.744937
8.307181	9.629282	8.062508	7.675231	8.794345	7.58077	9.338884	9.57612	8.313062
3.861834	4.069482	3.280923	5.215155	3.904672	3.096439	4.303266	4.901944	4.449991
4.690215	1.351079	1.262334	1.679053	1.36117	1.72301	1.658406	1.450531	0.987955
5.01207	4.716988	5.228272	5.869655	5.119951	4.860189	7.145581	6.740358	4.465644
0.73782	0.891848	1.512206	2.397569	1.309919	5.202441	1.05865	0.872549	0.7091
3.262043	2.985319	3.420313	3.942626	3.33842	2.699201	3.5768	3.14917	4.243923
1.225357	1.299482	1.168782	2.042826	1.355272	0.565519	1.119838	0.890322	1.004958
8.43298	10.54361	9.000505	9.404507	7.155705	7.462624	7.546358	11.55439	6.449572
3.332645	3.159603	3.278795	2.589377	3.236356	3.425287	2.54453	2.675311	3.491952
4.131421	3.421961	3.487759	3.334159	3.897958	3.611833	3.461912	4.154308	4.281342
1.070948	0.951973	1.53746	0.467088	1.443598	0.533736	0.605741	0.957681	1.036831
5.271188	6.362982	5.422562	5.196977	5.055663	6.262156	5.690855	5.787696	5.113441
3.378749	3.492658	3.396968	5.171557	3.420792	3.166542	3.047795	3.387722	3.591129
2.147926	1.454154	1.992657	1.918983	2.569537	4.225621	1.67553	1.558934	1.116112
2.507962	2.608555	2.402627	2.962061	2.678176	2.679326	1.847071	3.171165	3.128907
4.034597	4.392424	4.9666	7.105939	3.984652	3.399554	4.752048	4.232443	4.058796
3.491321	3.895309	5.658246	6.875507	4.259461	3.908908	4.149934	5.827924	4.021235
4.447225	3.895473	7.77968	3.972858	1.561968	2.668749	2.391253	2.947374	0.936432
2.491272	3.639251	2.827171	2.613162	3.790862	3.986396	2.757829	1.773233	1.403859
4.41689	2.789875	2.426393	1.805452	3.110984	2.483099	1.600987	2.128323	2.34453
3.143427	2.199476	2.024055	2.356166	2.79305	2.943713	2.015594	2.321977	3.296631
3.51562	3.280663	2.852499	4.634916	3.194249	2.92198	2.979255	3.191579	3.898604
1.987541	1.905273	1.604497	2.506206	1.781227	1.533346	2.146928	2.53569	2.463621
3.864797	4.191119	4.313748	3.097113	4.538871	3.950996	4.851339	4.008838	4.450812
6.648564	7.385448	7.063826	7.560804	7.454728	6.367771	9.003705	7.727348	6.206474
1.340859	0.759516	0.925587	2.208143	1.11253	1.462016	0.592052	0.45625	0.603273
5.099248	5.257076	5.326101	4.382001	5.504304	5.400592	6.484912	5.950857	5.866513
0.906367	0.634829	1.175975	0.827166	0.621956	0.463995	0.577369	0.271438	0.385474
3.614691	3.397335	3.171094	2.522215	3.595166	3.758367	2.788653	3.229437	4.200807
4.234516	2.223016	2.410907	1.31678	3.304823	3.301725	2.739635	3.580367	2.962198
2.922125	1.539029	1.91663	2.044538	1.913315	1.92031	1.618994	1.828837	2.746302
3.053989	3.019508	2.833968	2.726352	3.178107	4.945921	3.777922	3.167075	3.677069
4.445863	5.256798	2.578817	5.457706	3.493962	4.380828	5.442704	6.665397	4.687862
0.684015	0.150264	0.168455	3.272361	0.151341	1.687615	0.203827	0.160223	0.51831
2.111197	2.463367	2.398942	2.70687	4.094639	4.71746	3.194808	2.375574	0.936541
0.553944	0.699734	-0.00847	0.683175	1.736644	-0.01733	1.452389	1.206303	0.067499
4.508849	3.58258	3.271036	3.110084	4.302275	5.123222	4.174303	3.470581	3.483897
2.056766	2.618118	2.771427	1.898738	2.913495	2.038064	2.056776	2.011981	2.129011
3.745198	2.91955	3.092892	4.862587	3.985376	3.375326	3.89242	3.288115	3.950025
3.329534	2.059674	2.083396	3.711008	3.349594	3.950023	3.568358	3.63797	2.423942
4.860285	5.635983	4.895614	4.151702	7.460653	6.736037	6.321265	6.107025	6.449996
2.555585	1.786349	2.344164	3.161379	3.027248	4.681032	1.045649	1.485539	0.734854
6.429675	6.978808	7.157203	5.655239	7.30689	6.868129	7.823444	7.161016	6.287247

4.084657	2.053723	2.651485	2.418864	0.956963	2.38127	2.200642	1.437273	5.4129
2.671409	1.798789	2.197521	2.028236	2.735991	2.599864	1.996659	2.015776	1.902339
3.097912	2.735367	3.713972	2.23212	2.628096	3.608709	2.25813	2.879128	4.173419
0.090077	0.090528	0.038674	0.013191	0.003298	0.351954	0.350726	0.38824	0.033037
8.199173	9.032174	8.634276	8.952855	8.665306	8.38192	7.039517	8.622895	6.553159
3.704694	4.452794	4.461974	4.71463	4.398682	3.587705	3.960272	4.118231	4.5241
2.141334	2.505641	2.723645	2.759592	2.561208	3.006985	2.648831	2.426981	2.717898
1.597795	0.406621	0.56147	1.068731	0.511631	1.632279	0.557228	0.339623	0.407128
4.706678	2.730095	3.191499	3.788908	3.878669	4.822168	4.536638	5.143518	5.138636
0.979132	1.093932	0.727609	1.618548	1.907946	2.510595	0.480057	1.811414	0.203608
2.265778	2.665481	2.848071	3.255127	2.781243	2.470413	2.54187	2.619633	3.518212
3.218346	2.806222	2.747657	2.43389	2.990982	3.418348	2.488936	2.987991	3.671463
0.246862	0.111289	0.050139	0.938778	0.309036	0.070413	0.105949	0.064706	0.327902
0.172459	-0.04759	0.074614	0.26198	0.258691	0.077418	-0.04056	-0.04993	-0.04417
4.29484	5.313503	3.21078	2.753418	3.19701	3.815881	2.799056	1.981539	3.644646
4.666514	5.237526	3.203643	2.569834	4.364199	3.86105	4.815091	4.699796	4.65332
2.159652	2.782845	3.220965	2.101153	4.845509	4.413776	1.76011	1.254656	1.222309
3.065715	2.660001	2.597494	2.274954	3.103569	2.979853	2.637921	3.02383	3.36981
3.757187	3.679907	3.942916	3.199733	3.591372	3.974298	3.053076	2.012585	3.958521
6.376242	7.906545	6.995133	6.598789	7.131219	7.41094	7.556907	7.163	6.194741
0.036353	-0.05326	-0.00596	0.919726	0.066248	0.133215	-0.0231	-0.05326	0.262354
0.614869	0.870812	0.93185	0.813399	0.51709	1.269846	1.092831	1.022683	0.53832
3.120787	3.125306	3.412569	1.895715	3.259203	3.242983	2.222275	2.752921	3.892864
7.139685	5.729645	8.402803	7.980888	6.54031	6.871112	6.097616	5.823554	5.821047
0.112287	0.07015	0.090342	0.187895	0.150831	0.016602	0.190434	0.001066	0.081972
0.566893	0.262856	0.311631	1.631429	0.278745	0.994752	0.089344	0.26152	0.684467
4.139559	3.586186	4.609991	3.58519	3.571846	3.72374	3.230108	3.869222	4.485746
5.450952	5.438245	5.557128	7.094613	5.668043	5.692745	6.181958	5.273883	4.541949
4.96548	4.99515	4.835905	6.199776	5.288471	5.010169	5.980298	5.385239	5.564745
4.213307	4.866991	4.69077	4.661753	4.786742	4.374974	4.333167	4.191545	3.704578
4.473191	4.153627	2.94869	3.601673	3.900829	4.002692	3.288163	4.284494	4.828638
1.676826	0.497914	0.830161	1.178024	1.627035	0.795865	2.826483	0.982509	1.277886
6.03916	3.37915	4.101952	6.669737	3.903153	5.988886	4.137086	2.830291	4.546781
0.081705	0.021366	0.05557	0.683937	0.014714	0.015349	0.032256	0.006375	0.009365
6.095399	5.359004	5.32104	6.37806	5.358278	5.387812	5.495189	4.032004	6.209811
4.266189	3.703785	3.811573	4.061756	3.089216	4.402385	3.759037	4.069291	4.099107
4.960273	4.427705	4.966974	3.998104	4.307071	5.527203	3.975286	4.516248	4.623601
2.751481	3.257096	3.474506	2.246511	3.280677	3.156586	2.433795	2.570033	4.107199
5.637038	5.028635	4.568921	4.777173	4.263982	4.872625	5.648174	5.451248	4.716398
3.530194	1.474577	0.735526	1.600471	0.857034	2.491341	2.99292	2.785243	2.32083
0.09097	0.195927	0.369547	0.949022	0.122642	0.056566	0.210032	0.007441	0.079586
3.234764	4.116064	3.800095	2.528972	2.034191	3.186401	4.245628	4.611351	5.45954
0.234722	0.49593	0.14457	0.349572	0.223255	0.330261	0.782926	0.321697	0.273505
0.222111	0.103217	0.220392	0.455217	0.135907	0.244637	0.189328	0.137506	0.027706
5.538055	5.443015	4.828691	6.517694	5.491047	6.433298	6.940269	6.010969	5.777165
4.064771	4.364054	4.446566	2.790295	4.857064	4.311001	2.955902	3.570328	2.913097
2.049258	1.666781	1.670852	3.358996	2.411025	3.049675	1.801067	2.356158	3.040436
1.636604	1.1206	2.509894	1.774153	2.254277	1.026448	0.955511	1.134773	0.581893
6.522239	6.323481	5.933783	6.658292	6.491868	7.552133	7.12035	5.772767	5.217351
0.050282	0.022767	0.037377	0.438405	0.064934	0.023423	0.028301	0.046621	0.012251
1.535095	1.46188	1.279199	1.420643	1.459922	3.056268	1.353969	1.228544	0.720688

3.027208	2.722899	2.553896	2.137085	2.615794	3.115275	2.0695	2.987786	3.000063
5.267388	7.200284	5.686888	6.016813	7.773001	7.436066	5.082381	4.787637	4.200165
0.273268	0.211999	0.549821	0.402884	0.237197	0.112854	0.287574	0.36134	0.125384
0.169407	0.207207	0.18223	0.232667	0.15956	0.092382	0.17672	0.167707	0.3985
4.540766	3.452531	3.656614	3.000036	4.201015	4.894649	3.85006	5.329022	5.220549
5.781557	5.687002	5.377076	7.935899	5.706536	5.073614	5.445318	5.231413	4.947371
0.154293	0.036538	0.2104	0.046811	0.217573	0.100869	0.081838	0.056589	0.213564
9.094017	8.655228	8.370847	7.998701	9.40168	8.744979	10.2719	9.025706	9.189814
4.782811	4.583013	4.387865	3.244517	4.700993	5.219961	4.83881	4.416764	5.093572
3.109846	0.39882	0.751342	4.884142	0.623579	4.96311	0.444684	0.600445	3.151353
5.669537	6.771689	5.22164	7.149946	5.439722	5.015402	7.108531	7.733261	6.424487
3.875493	3.245556	2.951078	3.577946	3.569559	3.351342	3.803169	4.4091	4.689661
3.789873	2.517779	3.698627	3.552349	3.888302	3.567259	1.959873	2.700573	2.742395
1.562911	1.242478	1.383697	0.971688	1.682383	1.584934	0.92214	0.883269	0.61693
0.071175	0.0679	0.093869	0.064686	0.082397	0.040542	0.116888	0.061822	0.110747
0.884084	0.513941	0.368122	1.834481	0.40484	0.256231	0.486229	0.566701	0.541766
5.247226	3.990649	4.434696	4.348836	5.19136	5.272844	3.249112	3.275927	3.905745
4.117134	3.705468	2.627965	2.541073	3.286468	3.288616	2.613132	3.502729	3.597361
1.898622	1.881034	1.937545	1.117998	1.900781	2.791927	3.227247	2.390924	2.41548
5.498064	5.474392	5.177	5.456536	6.682204	5.218959	5.911262	5.782555	4.497045
2.316945	0.160031	0.908874	1.12624	0.991121	2.252068	0.321164	1.384916	0.690519
6.035631	5.382907	5.157179	5.31187	4.699989	4.082897	6.023927	5.431104	4.402073
1.142941	1.983565	1.465962	1.819009	2.163877	0.438939	3.659644	1.535487	1.49473
2.746265	3.140059	3.035847	3.352737	3.276574	3.379273	3.939481	3.43016	3.231771
1.116235	1.298074	1.399575	0.699487	1.397801	1.47515	1.134231	1.519739	2.697927
0.517496	0.477211	0.38873	0.218417	0.724736	1.290942	0.196937	0.521913	0.33899
4.522083	4.899815	4.108061	4.067451	4.88119	3.77658	6.223789	5.370152	5.502596
6.223572	6.314584	7.811198	4.246344	4.888034	5.352051	4.974842	4.855094	5.11516
0.428832	0.506419	0.447465	0.609594	0.947516	1.505772	0.571903	0.311486	0.203375
4.40511	4.779675	4.302673	6.219017	4.286556	5.249144	4.198549	3.779585	5.936721
6.980778	7.410023	7.722895	5.958217	6.793944	6.777362	6.630702	7.36241	5.793193
0.134586	0.356896	0.093868	0.64029	0.22382	0.187143	1.309212	0.453946	0.752387
2.832641	2.496198	2.932925	3.185725	3.133164	3.016818	2.760565	2.591481	2.453513
1.857367	1.374677	1.540858	1.727149	2.558173	2.829969	2.096808	1.472634	2.099817
3.004562	2.426096	2.519305	2.295502	2.796045	2.746701	2.476122	2.165482	1.354139
4.216375	4.195873	3.29499	3.941262	4.758794	3.561427	3.674906	3.688708	3.403211
4.119132	1.538051	2.916896	4.224255	1.881547	3.070304	2.6597	1.681834	1.577697
2.384947	3.872914	3.075124	2.830959	3.016633	2.43853	1.571305	1.822626	2.191138
4.09405	2.360079	3.54531	2.453008	3.540789	3.718399	2.282081	2.809041	2.782835
9.875517	9.554626	10.0252	9.198848	8.678922	9.649159	9.912485	9.827945	7.032362
4.826697	4.120664	4.227203	4.218409	4.488301	4.423841	3.77938	3.951699	3.75937
2.994778	2.292227	2.790254	2.862195	4.072307	5.560246	2.106974	1.899122	1.051933
6.828832	8.036068	9.186682	7.272154	7.22942	6.29653	7.962629	8.259883	5.939895
3.471727	3.784664	2.653942	3.099133	4.688202	4.564624	5.128805	4.627164	3.585994
3.451669	2.955691	2.96938	3.450176	3.702882	3.590244	3.14848	3.116598	4.177038
0.843248	0.824544	0.715581	2.963047	0.816417	1.128356	0.958737	1.215705	1.701443
3.148359	3.125822	2.175343	3.218489	2.728624	2.608099	2.165008	3.171588	2.92311
4.182868	4.798805	4.08091	4.250636	4.32858	3.609802	4.852507	4.298048	3.319998
3.384	2.550032	2.690124	3.271245	3.087153	3.396307	2.664691	2.893662	3.385227
1.618527	1.495087	3.135341	2.459444	0.660346	0.88588	2.444634	3.626213	2.078871
2.915426	2.798149	2.518887	1.931729	3.131852	4.304417	2.260647	2.91612	3.062244

2.099283	1.33809	1.028543	1.475215	1.706938	1.355126	1.667135	1.38994	2.545458
3.677146	3.232413	4.164517	3.619755	3.063217	3.163027	2.737301	3.242738	0.185566
4.426614	2.893546	3.98379	6.630907	5.68637	2.900321	4.13514	4.614568	2.987885
3.807415	3.58799	4.425856	3.260825	4.088002	4.15766	5.075084	4.375208	4.693463
0.869402	0.926282	0.876937	0.971926	0.922192	2.370775	1.476765	1.722965	1.902164
3.894381	3.915566	4.398582	4.30633	4.420058	4.754481	5.084874	3.820419	4.02045
4.160936	1.53217	2.059644	1.966683	2.14944	1.610496	2.228331	1.768573	1.605353
4.867854	4.984298	4.886176	3.409241	4.246042	4.909526	3.973509	4.57148	4.490977
4.785376	4.602503	4.755003	4.882939	4.77022	5.011625	5.54797	4.862641	4.485067
5.035711	4.96063	4.297253	5.44009	4.646456	4.517282	3.332395	4.298687	4.606218
5.551574	4.130005	5.336367	4.619463	5.060359	4.771395	4.464903	4.720341	3.460361
5.051594	5.288693	4.977061	4.906652	5.385169	4.953343	6.388446	5.331027	5.653843
6.309104	7.053905	9.737173	5.594852	5.711303	5.452856	7.821151	6.984843	3.711189
4.843522	4.046235	2.318042	2.927315	4.790872	4.858702	4.111605	3.776787	5.710352
3.742117	2.948738	2.568556	3.27626	3.413571	3.24812	2.950066	2.585826	2.702399
6.34076	6.738851	5.8938	5.089873	6.86042	5.09144	6.76363	6.635235	5.95774
3.141307	2.220098	1.861047	1.960807	2.521454	2.741637	1.776345	2.066563	2.850144
2.599967	2.352218	2.749924	2.375945	2.845341	3.224834	3.045796	2.524847	2.140777
3.008029	2.621765	2.895664	2.427261	2.626283	2.073295	4.36835	2.385123	1.014186
2.544994	1.950024	3.037369	2.868483	3.027822	4.394083	3.00161	2.358334	1.03821
0.313368	0.183147	0.568319	1.707524	0.251496	0.321627	0.206138	0.110711	0.075811
5.856696	4.955558	4.242058	5.07298	5.085192	4.780557	5.223891	5.571665	6.038803
4.506391	4.935734	5.49512	3.864512	4.827168	3.955161	4.171399	4.453773	3.380138
5.970311	5.436823	5.187872	4.557093	5.410208	5.637166	5.347067	5.570448	5.696026
0.272	0.255753	-0.04752	0.444302	0.677138	0.279363	0.82433	0.534644	0.607783
2.472514	2.519246	1.858407	2.074067	3.097208	2.473181	1.688034	2.32974	2.80121
3.644546	2.938414	3.605007	3.737886	3.849201	3.523281	4.458713	4.028931	3.474896
4.871212	3.405147	4.29917	3.491018	3.958498	4.409672	4.291916	2.862137	3.246767
2.426303	2.185308	2.035233	1.892863	2.296732	1.754069	2.037119	1.84995	1.658092
3.286951	3.549449	4.080693	2.315931	3.360716	3.04661	3.832621	3.986597	3.801915
6.135178	7.377339	5.641236	5.032416	6.624621	6.512949	7.05841	5.467894	7.131602
3.540232	1.777555	1.794277	2.659785	2.079645	3.124267	2.291663	2.807531	4.176005
0.822735	0.445709	0.485228	0.051012	0.785274	0.790283	1.056646	0.714343	1.121135
4.494042	3.487517	4.02859	5.710948	4.16713	4.225067	3.980131	4.055845	3.738756
3.717903	3.135571	3.158807	2.844297	3.369153	4.947992	2.465334	1.901163	3.551027
2.6268	2.781649	3.207338	6.504243	2.372107	0.719185	2.123498	0.612074	1.533206
1.655669	1.984623	2.083866	1.438899	2.019541	1.882584	1.108173	0.982773	1.595153
0.245581	0.04615	0.078974	0.34445	0.189311	0.138683	0.016725	0.19515	0.148611
6.032891	4.120268	5.168363	4.596223	5.292374	5.860794	4.652012	5.299229	4.753025
2.488859	4.84081	4.269985	4.698143	5.314827	5.237638	5.951595	5.333257	1.418
5.349272	6.003394	5.63049	6.012389	5.139095	5.910368	5.709075	6.283298	6.246289
5.603264	4.978248	4.593848	4.805445	5.880504	5.643493	4.418471	5.977821	5.354686
3.426263	2.814197	4.585293	4.162502	4.554474	3.468471	4.297195	3.087926	3.254583
3.489922	3.362487	3.29119	1.666693	3.259106	3.679776	2.527667	3.140257	2.901628
3.353266	3.177182	3.096718	4.001597	3.727149	3.291982	3.89155	3.795831	3.395012
0.661148	1.025257	0.275325	0.161876	0.551415	1.886636	0.097293	0.455916	0.03738
0.7259	0.574235	0.649681	5.120646	0.923151	0.113347	0.877266	0.323238	0.260478
0.46105	1.728141	0.623916	0.479656	1.301573	3.423462	1.531707	2.193516	2.686871
1.843257	1.104045	0.954382	1.809464	1.553159	1.914045	1.134727	0.825519	1.137327
6.471849	7.47673	5.782185	5.619675	6.409364	6.343238	7.197356	6.651422	6.370265
2.996505	3.010393	3.753341	3.5634	3.790461	3.122009	3.985397	3.489269	2.769434

4.075554	4.391436	4.341263	5.297078	4.335899	3.678829	4.539764	4.414061	3.537956
3.33719	3.076856	3.298625	3.777449	4.071889	3.370624	3.387004	3.520485	3.7555
3.872549	2.459069	2.973875	2.449663	4.46414	3.562124	3.960618	2.862352	3.822736
4.2221	2.727059	3.055592	3.834635	2.597477	3.167634	2.343513	3.423806	3.510825
5.117076	5.344569	5.319903	5.126084	5.344664	5.087154	4.588428	4.649771	2.466366
4.626568	4.912478	4.188411	4.170226	3.96184	3.120686	4.377621	4.840428	5.796345
2.59603	1.765719	1.880158	2.393021	2.971549	2.304746	2.167061	2.390161	2.828876

TCGA-CS	TCGA-TQ	TCGA-EZ	TCGA-S9	TCGA-TQ	TCGA-TM	TCGA-QH	TCGA-DU	TCGA-FG
0.077654	0.547215	0.294071	0.531956	1.401307	1.457665	0.722549	0.444975	0.386787
0.758857	0.757963	0.595787	2.377275	1.168065	1.174877	0.775387	1.615145	1.32346
6.112006	4.916425	5.448633	5.560842	5.360134	3.115857	5.326449	4.844066	4.612969
6.016149	4.172039	1.936592	5.924695	1.27792	2.452302	1.617883	1.708191	4.411474
1.327417	1.438943	1.519014	0.614485	1.283596	2.297379	0.693599	1.254291	0.806325
5.65079	6.863205	6.985608	6.57213	6.042762	6.780911	7.325599	5.457156	7.849686
5.421111	5.162052	5.90828	6.02672	5.26444	4.585389	6.066623	6.591327	5.436954
3.155214	1.400399	0.735833	0.68959	1.063205	0.527484	0.630292	0.433089	0.713681
0.258306	0.205395	0.043775	0.0391	0.203424	-0.05666	0.116598	0.036273	0.404083
5.137394	6.159665	6.107586	4.168072	5.504767	4.591491	5.03438	5.590816	6.142856
3.434943	6.22344	4.861028	4.84567	4.425116	5.001502	5.730043	4.195843	6.210023
4.271258	3.537308	3.527335	2.488499	3.153447	2.829209	2.5286	3.670976	2.775605
1.992626	1.419795	1.566686	2.584318	0.86242	1.48161	1.148973	2.08909	2.473386
3.771258	2.541149	2.74644	5.260216	2.381427	2.004684	2.415047	2.809309	2.384605
3.144633	5.878032	5.015881	3.205594	6.787758	5.549494	4.071768	5.771257	4.207524
1.718117	2.494137	2.300106	3.170463	3.905759	3.599655	1.925262	2.591165	3.058959
0.38122	0.47314	0.694888	2.537129	0.565743	0.974403	0.667435	0.723154	0.824845
7.787593	6.876959	8.224972	8.882426	7.503266	7.079292	8.149845	9.19147	8.113682
2.672857	6.148992	6.199573	2.903644	5.454287	5.397638	5.549678	4.829612	4.909657
3.033673	3.497561	3.743954	4.073903	3.638746	5.124101	3.289726	4.411748	4.425136
1.960408	3.45981	2.954991	2.835211	3.695279	3.391682	3.493221	3.543545	3.923934
2.61654	2.854514	4.007229	3.096931	3.830917	2.769625	2.47681	4.129921	3.229138
2.735165	2.741149	3.13493	2.538558	3.10142	3.574286	2.296207	3.30718	1.528655
0.228855	0.48452	0.46019	1.040873	0.610285	0.649305	0.562221	0.59294	0.499521
4.066808	2.93694	2.78743	3.438798	2.419104	4.08453	2.074018	4.084922	3.281558
1.532484	2.146636	2.331997	3.60178	3.964591	3.82371	2.417745	6.179627	2.250076
0.464226	1.656028	0.923731	1.259122	0.535642	0.963032	1.455371	1.249483	1.429435
3.748306	5.204839	5.22967	4.166018	4.919605	5.83245	4.924319	4.165146	5.766097
6.180312	3.033047	2.260662	2.489797	3.018403	3.18025	1.885779	1.611138	1.809671
3.93344	4.980971	5.489194	3.943355	4.183965	4.347666	5.341579	4.122874	5.067361
1.062788	1.214193	0.873252	4.124504	1.599817	2.4259	1.895216	2.545518	2.582069
6.169542	4.443525	4.208684	3.730326	4.549511	4.084376	4.487495	4.25748	4.788071
4.534375	4.214423	4.251119	4.424195	5.154949	5.742214	4.802201	5.513982	5.234978
2.110957	2.334938	2.011886	1.903832	3.638254	3.015299	2.143701	2.482722	3.560617
4.661786	3.036249	2.03566	2.446358	3.142368	3.147928	1.881152	3.612285	1.937904
0.779357	2.591536	2.761501	2.436559	2.79155	2.98063	2.020831	3.257214	2.374656
7.583879	5.438071	5.425897	4.896035	5.027869	4.475102	6.242373	4.855313	6.876914
4.018759	3.443355	3.682538	4.343852	3.560427	4.158572	3.776691	4.017597	3.812641
4.027813	4.236305	4.188863	5.854279	4.268323	4.401861	3.781755	5.115739	4.323532
0.0765	0.095209	0.111256	0.309875	0.063088	0.061268	0.052742	0.073708	0.070311
0.370872	0.542142	0.532192	0.49228	0.960075	0.71907	0.495877	0.217693	1.482016
3.633756	2.402488	2.363459	2.130163	2.684835	1.859486	2.437684	1.538564	3.059672
1.357252	0.886254	1.035283	4.514126	1.377743	2.198074	1.887542	2.666962	2.044486
0.277182	1.605709	2.183253	1.617379	2.690815	0.73723	2.127245	1.071444	0.925155
3.484127	1.166597	0.379989	2.203947	0.702641	0.933442	0.429196	0.664684	0.248478
9.8674	7.885789	8.609471	12.42533	7.556906	10.06392	9.488209	10.89257	9.112756
7.516987	6.23408	6.536783	4.066352	6.275529	3.849664	6.655303	4.364795	5.42701
5.612545	4.08175	4.42891	2.520699	4.45128	3.772663	3.088278	5.164469	3.585925
0.262121	1.202284	0.939927	0.37881	0.757481	2.53061	1.255954	1.119362	1.25975

1.641647	0.382296	0.423661	0.985612	0.912538	1.066377	0.173849	1.456857	0.287186
0.41694	1.22708	1.097073	0.730329	0.695762	0.617627	1.23796	0.867871	1.094025
1.306464	2.759902	3.019366	1.605286	1.671583	3.132993	2.569069	1.905768	2.779373
4.620696	3.675306	4.688328	4.925204	5.173108	3.436488	3.816161	4.34396	4.717676
1.948544	3.088129	3.956388	4.483322	4.38943	3.492766	4.626908	4.192804	3.438963
0.022438	0.039113	0.110849	0.292557	0.06935	0.255075	0.060823	0.420347	0.127029
0.323928	0.475453	0.470837	0.546395	0.935308	0.750945	0.414173	0.9049	0.499996
7.16726	3.910633	6.937315	8.373606	7.256919	8.007923	6.620089	6.818529	8.747063
8.007626	7.860926	8.619137	8.469152	8.790141	9.298903	9.876871	9.712757	8.439166
5.578614	4.078273	4.019046	4.004951	3.650588	4.284108	3.519588	4.105721	4.563408
0.603205	1.143808	1.471533	1.948726	1.503172	0.963142	1.201104	2.689358	0.864008
6.901055	5.224055	3.853433	5.635528	4.260169	3.550975	6.710905	4.670522	6.080753
1.066897	0.771181	0.688835	2.853007	0.745705	2.533595	0.949649	2.57651	1.082266
5.078967	3.755996	3.727708	3.039592	3.860681	2.879263	3.672096	3.086279	3.619017
1.400205	0.877648	0.94056	0.974287	0.696565	0.470684	0.876473	0.558823	0.565742
10.14159	7.350925	8.097299	8.580279	6.520214	7.293697	7.631164	5.143135	9.042634
2.073405	3.144364	4.010837	3.067166	3.319867	3.711355	3.266756	3.552471	2.978293
3.505515	3.856706	3.623772	3.816643	4.285635	4.769923	3.225685	3.562694	4.405003
0.551953	1.074905	0.823745	0.892694	0.790795	1.887104	1.603125	0.330921	0.74273
4.926475	4.906415	4.49404	5.136058	5.069043	5.138835	6.132161	4.831298	4.999494
5.588657	3.823814	3.758677	3.272069	3.665405	2.880784	3.397412	3.650204	3.01899
1.101726	0.933034	1.209992	3.465094	1.148844	2.650004	1.276804	2.601311	1.42774
2.948826	2.422696	3.335007	2.961526	2.407769	3.180178	2.379929	3.155236	3.112829
7.493816	4.505425	4.592298	4.389079	4.571505	3.430968	4.268759	3.198013	3.822489
7.669345	4.645599	3.289724	6.4767	5.611763	2.855573	3.835538	2.074653	4.416157
4.629235	0.942	2.6235	6.192217	1.503316	1.50483	5.074766	5.210571	0.848095
2.591788	1.46003	1.705307	3.89825	2.149803	1.363667	1.501392	1.532024	2.995835
0.981522	1.830763	2.539002	3.155393	2.770258	2.576904	1.470182	4.595257	1.865327
2.327955	3.09522	3.920489	1.990597	2.764339	3.363988	2.456436	3.092245	2.522256
4.624994	3.877941	3.424569	2.922361	4.118353	3.854387	3.274521	3.217891	3.320919
2.112246	2.889293	3.718018	1.790703	2.910296	1.413061	2.387802	2.141924	2.002161
2.431397	4.272215	3.760943	4.337424	3.836096	4.186175	4.94832	2.666298	4.837788
6.989759	6.53131	6.023324	7.655382	7.361105	6.294793	7.398308	7.01764	8.065288
2.159334	1.116812	0.897611	0.59005	0.781216	1.849192	0.351207	1.344736	0.839494
3.467609	5.257135	5.588908	4.654637	5.149718	5.653856	5.798148	5.270358	6.640202
1.135247	0.570527	0.932145	1.748971	0.504815	1.024151	0.48773	0.567907	0.231028
1.703171	3.78052	4.181758	3.073138	4.131696	2.858402	3.213497	3.712392	3.048972
0.758742	4.105119	1.506147	3.846541	4.427095	8.397402	1.1288	1.616836	2.03446
1.819036	1.661166	2.400085	2.212138	1.628056	2.874392	1.696195	2.385857	2.206633
1.756974	3.544502	3.258761	3.021319	2.685617	2.786467	3.718078	2.762666	3.23057
2.001279	5.384106	4.5878	3.71521	7.953684	3.036378	3.798747	4.146163	3.430765
0.143043	0.133895	0.22661	0.402735	0.455317	0.876762	0.211329	0.974341	0.137433
1.342335	1.258687	0.920057	5.340371	1.391315	2.976541	2.58448	3.013297	3.064495
0.281808	0.22561	0.423791	3.260374	1.19931	0.015261	1.325552	0.492943	1.554404
1.679587	1.992498	1.979107	4.51616	2.993589	4.015309	2.052953	5.080483	3.389038
1.040373	2.833666	1.408585	1.756959	1.899928	2.334606	2.75289	1.327031	2.931839
4.397771	4.303036	3.561519	3.086701	3.942522	3.124173	4.098171	3.024425	4.08756
2.560709	2.690803	1.353359	3.58626	2.928515	2.737875	2.114191	3.204286	2.632121
3.267871	5.88649	6.373088	6.78047	6.153379	6.412347	6.63016	7.361423	6.260565
1.295622	1.145253	0.606007	4.415579	1.683115	2.874058	1.665056	2.189509	1.86666
4.196284	5.832476	7.578153	5.552435	6.716943	6.370462	6.477771	6.47906	6.439101

1.269601	1.794722	1.13175	3.357009	3.080449	1.974544	1.84646	4.489409	0.840548
1.714018	2.387096	1.745207	1.861859	1.986366	3.288221	1.541869	1.716541	1.796805
1.650935	3.496453	3.275808	3.119885	2.918852	4.72483	2.663357	5.35133	2.211176
0.070518	-0.00774	0.160447	0.357714	0.286203	0.308099	0.119584	0.308212	0.191572
9.139788	7.756885	8.049246	8.880637	7.375337	3.869146	4.928789	8.332077	8.389713
4.111913	4.039852	4.456361	5.400655	4.251513	4.758347	4.863706	4.302131	3.246742
1.606492	2.131234	1.982294	3.763325	2.408665	3.415126	2.526696	3.020152	2.574495
0.805027	0.412867	0.314393	1.22742	0.700468	0.870259	0.21471	0.937991	0.337135
3.947683	4.658045	4.066142	2.580489	4.814773	4.478008	2.809117	4.833161	2.572425
0.515441	1.107515	0.946905	3.67616	0.983429	1.280552	0.690264	0.992884	1.676327
3.484966	2.861136	2.942545	2.593251	2.878574	3.162906	2.965198	1.861942	2.851681
1.982641	3.461045	3.721134	2.751673	3.054898	4.249652	3.038422	3.303174	3.049658
0.624944	0.330309	0.137025	0.144181	0.100946	0.104274	0.105241	0.042238	0.298759
-0.01672	0.013194	-0.03842	0.263884	0.009233	-0.01485	-0.06091	0.265199	0.314142
2.100747	2.318302	2.079596	3.973032	3.164494	4.532273	2.660985	4.525212	1.83365
1.851814	3.933553	3.141489	2.627813	4.114431	1.635436	4.528235	4.080702	5.049235
2.086989	1.739446	2.860228	2.885687	1.938104	1.504375	1.968331	2.48421	1.792333
1.705208	3.682102	4.613344	2.493477	3.115425	2.894879	3.439734	3.555557	2.801558
3.335454	4.422886	3.107909	4.569562	2.105603	4.772703	2.966185	4.016964	3.698391
5.56891	6.168023	6.186695	6.978397	6.88488	6.97713	7.77139	7.444867	7.081702
0.61611	0.165544	-0.03657	-0.02641	0.305209	0.060356	0.010812	-0.01389	-0.01365
0.27313	0.489089	0.269757	1.548243	0.960602	0.566375	0.486617	0.52744	0.594957
1.324215	3.927698	4.016361	2.678023	3.278705	3.71783	3.12862	2.466695	2.608205
8.52645	6.133731	5.667346	7.486973	4.864242	8.377276	6.532159	6.897782	6.772028
0.258065	0.142043	0.054526	0.037787	0.095901	0.150436	0.036067	0.120087	0.02536
1.316701	0.582473	0.21632	0.509604	0.453892	0.847297	0.134693	0.702474	0.103878
2.947024	4.95217	5.015315	4.104295	4.029435	4.09619	3.672611	4.737848	3.421069
7.263848	6.013722	5.410715	6.033224	4.774715	3.711828	6.225103	5.448723	5.71089
6.426647	5.9849	5.818874	4.975742	6.001163	5.819178	6.010447	4.724717	6.298373
4.406737	3.764481	3.810844	4.403723	5.078166	3.490578	4.208736	4.148816	4.284614
3.180563	4.153724	5.046418	3.285171	4.022599	3.456274	3.6957	4.721465	4.088451
0.36146	0.991415	0.763954	0.791174	1.85042	0.921896	0.83536	1.025634	0.926386
1.368977	4.690283	2.765197	5.486151	5.15352	4.590696	2.601272	5.23883	3.292051
0.926624	0.039349	0.018176	0.028792	0.019027	0.00869	0.015664	0.000681	0.014551
3.846241	5.543893	3.311956	6.379175	5.940446	6.239497	4.308709	6.506789	6.051777
3.923855	4.074526	5.286422	3.839875	4.062363	4.512061	4.784979	4.74749	3.949189
2.706826	3.755352	4.584349	4.627409	4.794259	5.044122	4.082823	5.578419	3.685081
1.447568	3.212548	2.964215	2.372713	2.766096	4.101857	2.868969	1.749994	1.326259
3.72425	4.258806	4.28508	6.117098	4.647397	4.116534	5.037347	3.845492	4.552488
1.414994	2.252601	3.025373	1.110366	2.364964	1.438575	2.734632	2.128062	3.021132
2.42682	0.32712	0.122414	0.560824	0.156639	0.007441	0.082147	0.076282	0.030841
1.169745	3.58547	4.833955	3.008219	4.207827	5.402061	4.029844	4.419991	4.899297
0.171149	0.329333	0.286331	0.429575	0.185961	0.482085	0.375895	0.212701	0.411692
0.40194	0.275553	0.904181	0.196933	0.274481	0.075824	0.337749	0.54005	0.050769
5.686075	5.493217	4.504603	7.299229	5.107203	5.173893	5.995043	6.225561	5.493668
2.892406	4.148366	4.078118	3.861875	4.669233	3.278599	4.154375	4.71308	4.367469
2.934528	2.430314	1.771801	2.16728	2.314582	2.08243	2.533831	2.055649	1.382131
1.196151	0.880316	0.896474	1.412168	0.513673	0.111858	0.747186	1.581344	0.719319
5.058342	5.282058	5.098734	6.655862	5.889398	6.063762	5.344069	7.344028	6.059973
0.058447	0.031904	0.056195	0.298385	0.012251	0.290075	0.366773	0.209205	0.11463
0.84683	0.880309	0.757257	2.518512	1.401596	1.386146	0.90001	1.721554	1.01065

1.616059	2.400532	4.411538	2.365854	2.885108	4.146302	2.507671	3.503377	2.819988
5.949002	3.886721	4.903433	7.190777	4.763459	5.942998	3.874056	6.900877	5.486367
0.622777	0.269005	0.257197	0.60615	0.21344	0.105453	0.18936	0.293581	0.138469
0.270626	0.273034	0.170564	0.252018	0.176011	1.269549	0.184333	0.174315	0.135973
1.856911	3.997582	4.402018	2.992623	4.035744	4.342912	4.157268	5.164464	4.379724
8.06227	5.844164	4.643871	4.97064	5.504351	5.239461	5.482881	5.12068	4.486566
0.041982	0.167938	0.047987	0.07856	0.031694	0.114759	0.105656	0.290602	0.189002
6.883248	10.61852	9.083703	9.330255	8.246053	10.79229	9.52886	10.18816	10.8939
2.021473	4.540198	5.314757	4.10536	4.59059	5.032927	5.278002	4.675514	5.155096
0.393576	2.72645	0.806092	1.046546	1.096806	2.383671	0.30322	1.90582	0.392958
4.900391	6.047846	4.115537	9.299793	6.943386	5.912299	5.994086	4.683034	5.211853
3.061421	4.383052	3.475656	2.951047	4.155002	3.890489	4.226342	3.428508	4.276504
3.708301	2.674037	3.166649	2.822673	3.18055	4.502796	2.507198	3.872686	3.501395
0.60401	0.753946	1.092975	1.496221	1.177938	1.12001	0.76535	1.14878	1.04222
0.079357	0.73636	0.039018	0.170393	0.115129	0.081301	0.040703	0.101839	0.155375
0.849297	1.148863	0.26435	0.704133	1.102426	0.192359	0.533302	0.549463	0.928228
3.398964	2.939985	3.653102	5.386516	3.41558	7.90936	2.963908	6.184809	5.308592
2.412221	3.395368	2.182366	1.515195	4.572633	2.921192	3.479183	3.400828	4.150287
0.265875	1.762916	0.838435	3.087639	2.55943	1.869875	2.643502	1.392531	2.366738
4.752849	5.821975	5.841079	6.029121	4.940188	3.731171	5.963926	4.467337	5.560791
0.095477	1.651812	0.835664	0.682345	0.273965	2.584697	0.167927	0.457728	0.952418
4.699131	5.379816	5.0851	3.615007	7.196965	3.139361	4.732785	4.249453	4.344621
0.174868	2.250094	0.254319	3.189755	1.076419	1.211952	3.123231	0.252413	2.204331
3.387657	2.973906	2.528024	3.558676	2.88361	1.920948	3.643685	2.52022	4.003063
0.543591	1.222556	1.232861	0.960716	0.936424	3.211234	1.820466	1.469458	1.818901
0.023437	0.365088	0.284	0.40869	0.476003	0.502969	0.419432	0.173137	0.507689
3.324657	5.365667	4.949623	3.530766	5.473535	4.12783	5.022103	4.024422	5.058034
4.567464	3.963731	5.466883	6.966891	5.733395	5.595641	5.110603	7.311901	4.12256
0.487875	0.267671	0.291411	1.311672	0.234588	1.030186	0.642602	0.906224	0.57396
2.322289	5.331437	3.986714	4.847973	5.2284	4.356191	3.150494	5.493797	4.841311
5.02827	5.14135	5.988983	6.677535	6.977522	6.456946	5.620841	8.090199	6.470282
0.698198	0.811086	0.511179	0.282967	0.62245	0.077762	0.6719	0.203886	0.388719
3.234953	3.428902	3.199407	2.908582	3.114306	2.611293	2.595702	3.248572	2.897779
0.855796	0.84801	1.456504	3.811132	1.09443	1.476777	1.874099	2.31521	1.116643
2.37126	1.329021	1.881929	2.461685	3.376959	1.339595	1.447907	2.871853	1.84962
3.24728	3.979906	2.982928	3.646665	3.922216	1.072731	3.177969	4.801698	3.152505
0.198035	2.771057	1.280505	1.562017	3.713385	0.741478	0.539699	2.024821	1.361076
2.252654	1.795667	2.293481	3.595375	3.349406	0.826106	1.359075	0.807559	2.484647
2.612258	2.752107	3.199276	3.142579	3.108272	4.851058	2.261404	4.262623	3.794428
8.848002	7.79779	7.36517	9.857255	8.629398	7.816084	9.921351	9.444498	8.040596
4.133102	3.575478	4.223033	5.111994	4.095716	3.288925	3.89566	5.690727	3.679091
1.271431	1.172426	1.964098	4.209418	1.895715	3.363111	1.85232	4.446613	3.4211
6.910395	6.632473	9.084578	7.333918	7.994915	5.304515	7.671815	7.927759	6.178532
3.405308	6.036671	3.386697	2.805146	4.544042	2.986424	6.697423	2.74651	3.664856
3.61237	4.237185	3.977746	1.913029	3.686444	3.489141	3.450259	3.116575	3.596586
2.726942	2.736732	1.332017	0.753781	1.240624	0.814378	2.22075	0.305527	0.872297
3.554949	2.991959	2.953343	1.903358	3.557926	4.363851	2.256575	3.198683	2.130447
4.032105	3.400406	3.871823	3.680407	4.85586	3.395761	3.404165	3.555444	3.818751
3.101282	3.484502	3.484817	2.438885	3.287533	3.212872	2.801773	3.339624	2.851893
2.488147	2.579783	1.06286	2.05843	3.93578	1.295314	1.800888	1.47066	1.156367
0.75947	2.499969	2.474286	3.828292	3.003502	3.713436	2.216539	3.557519	2.592192

1.001154	2.129152	2.679693	1.375386	1.88809	1.323444	2.492983	1.953226	2.068645
3.662031	2.682021	4.359674	3.720474	2.25731	1.608873	2.813157	3.022727	2.028464
4.622737	3.564584	2.967393	4.476565	3.785851	3.476132	3.181919	3.609001	2.783215
2.675034	3.954738	3.911332	4.116459	4.019537	4.069584	4.628663	4.637669	5.052812
0.498504	0.991466	1.106133	1.001164	1.163909	3.082764	1.087968	1.144202	1.38172
4.684708	4.039826	4.248583	4.753246	4.172846	4.999597	4.85272	4.411347	5.031398
1.510205	1.330366	1.343324	3.215303	2.795774	5.662489	1.682244	4.702012	1.801298
2.628979	3.796843	4.521413	4.761595	3.97061	4.287772	4.211602	5.35563	3.544806
4.8989	4.967629	5.181467	4.731861	4.845319	3.458678	5.37956	4.900103	5.089371
6.504378	4.523676	4.760658	4.090252	5.147945	4.113899	3.2209	5.86736	4.060295
4.597701	4.814458	4.184397	4.176649	4.903164	4.455094	4.125712	4.696986	4.407229
4.469181	5.541116	5.220163	5.15429	5.234688	5.431368	5.991197	4.17241	6.026877
6.478302	5.315644	6.224288	8.523827	4.795216	3.518941	7.748135	6.614137	4.459084
1.660315	5.507979	5.408509	3.609593	4.387343	5.014753	4.975807	4.401598	5.65983
2.808686	2.560574	2.281782	4.461709	3.424133	3.72492	2.540489	3.178424	2.700526
3.717919	6.52484	5.672306	5.548184	6.867717	4.464158	6.564981	5.336732	7.766404
1.733634	4.196833	3.214041	1.391745	3.260258	2.710819	2.30049	3.048545	1.968221
1.289207	2.178717	3.051965	3.004479	2.754748	2.899854	2.625342	2.547645	2.583582
1.85607	1.980223	1.477619	4.36415	2.491731	1.293466	1.701233	3.067868	1.682552
1.545116	2.02672	1.179371	5.029221	2.168066	2.233079	2.352679	2.304052	2.281398
3.626668	0.141865	0.18657	0.975223	0.214884	0.445547	0.079798	0.321247	0.137002
5.029845	5.381554	5.805812	3.632654	5.62619	4.452933	4.745514	5.485893	6.162974
3.894262	4.30225	4.071275	5.237968	4.430144	3.262911	3.950238	4.896623	4.337557
4.203078	5.356602	6.44745	5.234972	5.957927	4.995923	4.923836	6.366425	5.41536
1.001052	0.180728	0.242932	0.017416	0.163916	-0.00581	0.229374	0.200897	0.311386
1.577682	1.93524	1.39904	2.790619	2.040535	0.982417	2.586623	1.598029	1.54974
3.513737	3.811581	3.417614	3.141685	3.67641	3.720355	4.237454	3.18363	5.140082
0.14935	1.833962	3.495644	5.47471	2.839316	3.988633	2.653172	6.049095	1.805872
1.771843	2.4262	1.590753	1.705763	1.888212	0.581766	2.286134	1.2923	2.316641
2.01075	3.75921	4.578665	3.211865	4.332917	3.713755	3.527101	3.531053	3.400624
4.007802	6.367515	6.411855	6.474091	5.948676	7.156256	7.165481	6.13524	6.476325
2.390488	3.054653	3.633294	1.894256	3.17658	3.13243	1.953945	3.69369	2.588702
0.113378	0.826853	1.028816	0.371818	0.734987	1.108002	0.822266	0.272083	1.061746
6.19954	3.421327	3.699608	4.650839	3.933802	4.266892	3.859671	4.061181	4.303474
1.815775	3.049078	4.051483	3.676323	3.640536	4.783862	2.470055	4.119152	2.924611
7.39803	3.16867	1.944187	1.40951	3.305538	0.369467	0.964695	0.929752	0.541642
1.103576	1.84753	1.038588	2.658755	1.134812	2.081555	1.252559	1.377154	1.329298
0.263305	0.133439	0.049858	0.359524	0.106546	0.016725	0.038066	0.168297	0.016725
4.634393	4.248303	5.040904	5.053874	4.484517	6.604233	4.233449	6.434589	6.698248
3.76328	1.981272	3.075753	7.54252	2.63042	4.705395	4.023588	5.43984	3.558263
5.125547	4.529908	5.267187	6.171628	5.855827	6.483189	5.282124	5.922394	6.326299
4.494154	5.881022	6.037052	4.211641	5.39046	4.700117	5.720753	4.728624	6.668947
4.235155	3.139663	2.588548	4.331898	2.904046	3.72802	3.924907	2.714411	3.203172
1.047202	2.955013	3.658308	2.815924	3.131214	2.626432	2.531112	3.485938	2.984986
3.757352	3.499092	3.278191	2.83957	3.638938	3.755397	3.778131	3.67082	4.155166
0.024492	0.099051	0.157092	0.868708	1.259475	0.067165	0.092952	0.40924	1.594156
2.711461	1.489313	0.536094	1.201584	0.831283	0.182919	0.338226	0.607158	0.111643
0.198585	0.655319	1.172008	0.796773	0.816844	4.20514	1.411501	2.50376	2.064054
1.205441	2.085753	1.192002	3.889573	0.828284	2.360483	1.21639	1.2441	1.130801
4.984371	6.143354	5.812529	6.219037	6.667976	5.666601	6.439727	5.82949	6.901746
3.471816	2.862826	2.353041	3.760408	3.202457	3.80303	3.359822	2.909286	3.979728

5.053037	4.314566	5.142757	4.271585	5.354901	2.698529	3.85944	4.063532	4.528495
3.181561	3.866274	3.65526	3.117783	3.780258	4.316464	4.51302	3.56988	3.979493
2.196999	3.084384	4.967523	2.944827	2.580428	5.113755	2.962257	4.727741	4.10081
3.890014	2.76594	2.710051	2.398983	3.184977	3.679463	2.24048	4.114386	2.688779
4.880769	4.085027	5.298584	3.488424	5.124221	3.988103	3.396526	4.138792	4.143442
3.684344	5.033123	5.082404	3.657225	4.538153	2.457471	4.407256	3.206097	3.619675
1.678345	3.20945	2.976426	2.359104	2.666999	2.193465	2.812449	3.002111	2.542292

TCGA-FG	TCGA-DB	TCGA-TQ	TCGA-DU	TCGA-DU	TCGA-HT	TCGA-DU	TCGA-S9-	TCGA-HT
0.066537	0.14756	0.34455	0.445604	0.78091	0.530217	0.618583	1.755821	0.874975
1.730438	1.194242	1.373063	1.870073	2.210447	2.10678	1.35469	0.8612	2.285426
6.081871	6.431576	4.906237	4.956888	5.640292	6.024521	5.325576	5.016535	5.435742
5.705683	5.043974	2.677159	2.725922	3.041291	6.971431	5.681965	2.700925	2.161293
0.849318	0.626468	0.726366	1.85085	1.549098	0.581156	1.652982	2.566115	0.842463
6.387764	6.697842	6.736524	6.221818	7.187475	7.816363	6.352397	7.042638	7.168729
5.712601	6.519576	5.178578	5.717875	7.308561	5.376115	6.089407	5.285592	6.077868
2.113702	1.423016	0.636562	0.532357	0.547053	0.446882	0.761066	0.742602	0.490965
0.356719	0.089425	0.086828	0.21236	0.133844	0.033347	0.119401	0.207737	0.033263
4.971231	4.756054	6.449199	5.577798	3.90727	4.871041	2.633548	5.525047	4.997492
3.324087	5.143919	5.014758	4.409807	3.570305	4.870132	3.955065	5.338351	4.411544
3.399199	2.48378	3.534246	3.196361	3.465811	1.118893	2.237339	2.887866	2.692498
1.618684	3.616088	2.161195	1.256778	2.075474	3.044002	2.377025	2.001919	2.023731
3.39102	4.026229	2.060724	2.902122	4.24035	3.175512	3.342977	2.604439	3.787308
4.006323	4.082149	5.503927	6.184994	6.625833	3.234496	5.870192	4.119732	4.507693
2.908874	3.263493	2.572428	2.081408	4.566093	4.014714	2.845927	3.25107	3.081219
0.951197	1.281226	1.541808	1.406	3.455187	2.240221	1.930385	0.730675	1.097975
8.738062	8.3048	8.819434	9.008986	10.54351	8.589353	8.993406	7.96956	8.174133
3.608149	4.127979	4.461608	6.727418	4.250608	3.090543	4.789382	6.222673	5.457951
3.977465	2.625869	4.321393	2.559038	4.178759	2.648006	4.140925	3.528373	4.307024
2.820832	2.067703	2.765765	3.592785	2.475798	2.249867	3.771763	2.630983	3.051757
2.935095	2.156096	2.959565	3.212253	2.941863	1.856741	3.624353	2.997758	4.362684
2.928539	1.783309	2.761464	2.838751	2.435087	2.137662	1.908137	3.319219	2.822142
0.519384	0.221415	0.401613	0.484176	1.388595	0.786936	0.583276	1.006213	0.449172
4.0318	2.685065	2.809723	2.393499	3.798754	3.803962	2.827336	3.645171	3.192999
2.114718	3.449701	2.933117	2.633541	4.009512	1.938279	3.282801	2.845675	3.808034
0.700744	0.579128	1.027207	0.876811	1.662173	0.403796	0.569246	1.63934	0.82313
5.130794	4.986377	5.341678	4.755173	5.765751	5.323878	4.943164	6.403697	3.989946
4.567367	3.641472	2.203614	2.163961	2.631091	2.002842	2.486803	2.771557	2.226759
3.992479	4.109036	4.852173	4.750736	4.498144	4.856663	4.585304	5.22802	4.061969
2.064692	2.45205	2.490402	2.773347	3.470714	4.29008	1.897945	2.509804	2.347518
4.891078	4.629031	4.702088	4.70638	2.493799	4.137848	2.798942	3.361131	5.198392
4.397061	4.195618	5.660993	5.989373	4.54547	3.855691	5.592245	5.958091	4.991418
2.543378	3.252566	3.301844	2.896445	3.15332	3.424411	3.054087	3.338264	2.237495
4.203793	3.393399	2.490947	1.928819	3.911574	2.757005	2.049359	3.026627	2.154356
2.088436	1.885197	2.489667	2.994248	3.371679	1.730679	2.885157	3.123311	2.571473
5.860126	6.294713	6.16301	4.833455	4.038957	6.490628	4.643834	5.902258	4.388355
3.848953	5.332571	3.876906	3.582456	5.031407	4.792812	3.899392	4.60508	3.414967
5.071769	3.392815	4.189824	4.899239	5.174271	4.563313	4.288234	4.624972	4.726447
0.11642	0.104613	0.072637	0.088503	0.10176	0.103865	0.075667	0.093387	0.10383
0.536727	0.433953	0.630465	0.259329	0.337635	0.604572	0.678184	1.142027	0.270519
2.949236	3.162664	2.450789	2.036569	1.377467	2.706639	2.065374	3.16068	2.154363
1.97882	1.84584	2.114397	2.864617	4.061557	5.132125	2.311373	2.402562	2.950514
1.096354	0.767166	1.207047	0.39786	1.344708	0.070709	1.063337	1.251579	1.047588
2.117075	2.464436	0.472358	0.311271	1.576952	1.948425	0.9433	1.234895	0.415047
10.28019	11.13762	9.056289	10.49179	11.51085	12.43636	10.32246	9.947551	11.67387
6.841287	6.282421	5.632474	7.135518	2.7726	3.717233	3.9556	4.428427	5.553563
4.936616	3.347795	4.154929	4.555237	2.858398	4.040243	1.421503	4.313012	3.380832
0.360751	0.361963	0.973159	1.008736	1.213626	1.282327	1.594509	3.714515	0.321163

1.619652	1.659872	0.430532	0.779592	0.690024	0.247363	0.296878	0.572281	0.456634
0.377129	0.290268	1.165099	0.447713	0.372618	0.543472	0.152526	0.370368	0.65386
1.374435	0.897259	2.529767	2.849565	2.153414	1.914585	1.982209	4.023236	1.431027
5.122889	3.957048	4.87664	4.537513	5.092808	6.224368	5.745448	5.228994	3.976356
4.115664	3.242587	3.393736	4.873494	4.457031	5.531262	3.710572	4.79724	4.895956
0.106436	0.042534	0.119328	0.262772	0.466634	0.156754	0.258793	0.166548	0.204491
0.994838	3.960332	1.31193	0.397837	4.351684	2.722149	3.240706	0.439151	0.765741
7.874345	7.702805	8.414504	5.274767	8.39558	9.317977	8.799888	8.813784	8.782983
8.569631	7.732902	8.124769	8.710322	7.373651	6.919192	8.819314	8.900663	8.858145
4.457474	3.465746	3.771534	2.977188	4.913748	5.082475	3.469147	6.058107	2.702708
1.572313	3.361654	0.858283	1.318969	1.884281	0.858976	1.506692	1.133502	1.583232
5.826445	6.964838	5.785807	5.656039	3.433276	9.372417	5.233454	5.180854	4.843442
0.842899	2.639216	0.769107	2.074853	4.142714	3.488815	1.493667	1.46249	2.161038
3.905771	3.699701	3.755337	3.169692	3.555844	2.740978	3.164811	4.123397	3.007506
1.563351	1.05991	0.775183	0.697447	0.411207	0.762367	0.369443	1.207804	0.901654
10.84982	12.0519	9.923047	6.960234	10.17513	13.07313	8.839367	6.289705	8.48923
2.898588	2.128867	3.376594	2.95861	4.497137	1.904887	3.623024	3.798978	2.578671
3.412222	3.262285	4.259863	4.353091	4.139966	3.62774	4.316696	6.062947	3.228631
0.351948	0.573387	0.9699	0.799337	0.283652	0.517275	0.277076	2.81871	0.396458
5.383167	3.494726	2.983137	5.803049	3.906036	3.615318	4.827541	3.194215	5.377219
4.677016	3.617729	3.214503	3.378257	3.034324	2.484956	2.885136	3.129024	3.326255
1.399715	2.490619	2.112608	2.746882	4.348547	3.444129	3.678402	1.807366	3.221785
2.738836	2.187761	3.770168	3.022497	4.555082	2.135267	3.875254	3.859942	2.361094
6.807541	5.565632	4.299043	3.903436	3.744365	4.317863	3.018079	3.979467	4.11272
6.449823	7.300445	3.879697	2.145818	5.072637	8.115683	5.258841	2.332113	4.328009
6.239853	3.324837	1.817223	5.092863	3.006761	1.256168	2.201995	3.148733	6.294544
3.833147	4.398147	3.615348	2.999616	4.221854	5.401204	3.57894	1.186142	3.838516
2.940042	3.318848	2.68019	3.095586	4.566384	1.690339	4.217514	3.24438	3.349864
2.268894	1.462445	2.677461	2.065724	3.503681	1.136165	2.907981	3.494093	2.176301
3.967096	3.457764	3.249294	3.527924	2.93446	1.796904	3.26203	3.343128	2.290601
1.936634	2.294301	2.42628	2.416775	2.68885	1.10699	1.642761	1.395494	1.706783
2.633399	3.647005	4.501084	2.814832	3.430193	5.144065	3.374849	4.882315	2.871929
7.812371	8.418361	7.111248	6.842467	6.385451	11.12789	7.055383	7.812522	7.445053
1.353961	1.153396	1.597912	1.451419	0.626889	0.622387	1.213328	1.500569	0.854249
4.748879	4.66993	6.320183	5.071322	4.941114	6.501541	5.133382	5.464902	5.033673
0.911533	0.24338	0.317154	0.285984	0.261375	1.602946	1.308714	0.53695	1.34905
2.659035	2.193678	3.705794	3.597542	4.492724	2.119151	3.738407	4.201732	3.187047
1.432099	2.065033	3.035074	2.673116	0.868799	1.32415	0.983429	2.623358	3.292515
1.467696	1.453983	2.29264	1.864879	2.340841	1.313005	2.910249	3.352731	1.871947
2.065221	3.543004	3.200062	1.991597	3.768412	4.019948	3.783475	3.51381	2.399794
4.879906	6.178065	4.182882	3.279178	6.079239	3.875516	4.930925	2.811896	4.091657
0.371467	0.129191	0.296598	0.209212	0.524883	0.186466	0.430062	0.180621	0.909384
1.829148	3.44737	2.954869	3.5535	3.504263	6.59442	3.412866	2.629068	4.280685
0.935402	-0.03048	1.539213	0.198258	0.395803	1.978694	0.040197	0.823517	0.049115
2.188949	3.111839	2.843741	4.057538	5.164579	4.031501	4.101409	3.111047	4.285208
0.964865	1.469027	2.977191	1.786001	1.24178	1.944924	1.495636	4.11742	1.009115
3.656367	4.006473	4.131944	2.918685	3.157629	3.609273	3.433899	4.508612	2.50809
3.215346	3.580878	2.347118	3.121292	2.154477	2.798735	3.120153	2.304328	2.711747
5.14697	3.790203	6.99701	7.074568	5.807037	4.834998	4.369926	5.611255	6.767263
1.966502	2.243228	2.039433	2.614804	4.244952	3.643683	3.14324	2.425981	3.482954
5.503005	6.22348	6.566722	7.043189	4.663429	5.980185	7.124041	5.645746	6.99449

3.423532	1.356108	2.370843	1.533891	2.786977	1.570703	2.144785	2.295824	2.64629
1.550036	1.569298	2.017385	2.455529	2.681753	2.558023	2.422487	3.287983	1.758066
2.769921	1.590985	1.664931	3.657879	4.500103	1.395883	3.279277	4.200521	2.907467
-0.00749	0.071976	0.11274	0.420545	0.667305	0.021946	0.220797	0.364508	-0.00736
9.455855	9.323625	8.675748	4.833304	8.228184	8.855506	7.918524	7.236822	8.870191
4.790071	4.347704	3.567151	4.544677	5.555086	4.043287	4.946915	5.926028	4.313144
3.028497	2.050626	2.478891	2.463458	2.620292	3.710307	3.382787	4.06467	2.927474
0.963589	0.874778	0.534992	0.372249	0.957599	0.44037	0.885	0.514062	0.793104
3.290274	2.370053	2.783284	4.529329	5.429966	2.01661	4.993379	3.869863	3.772708
1.966017	3.262795	1.34367	2.052424	5.130381	4.95951	4.133313	1.916676	2.302361
2.82342	2.650175	2.745493	2.611695	3.286002	2.970358	2.70236	3.471571	2.014178
2.760471	2.108671	3.465633	3.365597	3.3759	2.116255	3.418535	3.14162	2.816489
0.57938	0.371889	0.182406	0.080962	0.008037	0.208642	0.046569	0.202007	0.040965
-0.00996	-0.03087	0.098044	0.033609	-0.00258	-0.06091	-0.04834	-0.00538	0.003459
2.595725	2.326331	1.411932	3.113869	2.223258	2.88899	4.480429	2.272503	4.738397
2.058186	1.899682	4.614467	4.366464	1.487514	1.623544	0.758783	3.208641	4.177451
2.549557	1.795413	2.799967	3.606591	3.614104	1.158123	2.327963	1.629937	4.070429
2.33179	1.774119	3.20033	3.663225	2.004621	0.969981	1.906574	3.056028	2.859268
3.750105	3.201384	3.738781	3.913521	4.779017	3.72059	2.795945	3.515696	4.368685
6.998429	7.559902	7.136363	7.884378	5.792298	6.360368	6.821776	6.464478	7.988423
0.134412	0.379771	-0.05326	-0.05326	0.067812	0.061516	0.112504	0.271018	-0.05326
1.135952	1.547663	0.357745	0.494491	0.940807	2.71022	1.927411	0.528803	0.629011
1.561399	1.211178	3.127547	2.915399	3.162715	1.123192	3.281941	3.459094	2.58114
8.367982	6.662603	6.249301	7.281402	4.631474	7.387978	6.530235	9.136685	7.595661
0.071772	0.045253	0.050424	-0.01356	0.078111	-0.00955	0.00582	0.04571	0.051222
3.535118	0.688006	0.864822	0.089266	0.32929	0.325975	0.600576	0.359196	2.304397
3.841119	2.73045	4.193541	4.147079	5.321611	1.110345	4.443348	4.06065	4.640785
6.567065	6.776127	5.313672	5.966297	4.632325	6.463507	5.166514	4.824577	5.98465
5.496835	5.441905	5.667788	5.098761	4.907373	6.260648	5.073378	4.551125	4.079336
4.601992	4.49793	4.005186	4.127495	4.412079	3.614797	4.90408	3.515726	4.806878
3.350511	2.703765	3.666942	4.070369	4.996056	1.99828	4.061803	4.704192	3.865422
0.640622	1.604144	0.905945	0.592086	0.892924	0.801402	1.229592	1.107884	0.910754
5.530444	3.500858	4.038876	3.472406	4.293573	5.496197	4.810282	3.513276	5.940984
0.250212	0.062645	0.000681	0.022744	0.000681	0.040929	0.000681	0.007937	0.000681
5.766686	5.861497	7.152024	5.014738	6.492639	6.344611	6.248802	5.822009	6.325837
3.966748	3.856196	4.450369	4.082075	5.175246	1.19296	4.104115	4.39202	3.900175
3.752418	4.484468	3.958572	4.645099	6.385941	3.09824	5.942666	4.389802	4.413712
1.472168	1.529834	1.696045	2.412065	1.782647	0.952643	1.635489	3.483038	1.499019
4.729739	5.167989	4.231646	4.447735	5.839023	5.614197	4.461533	5.040871	4.847204
1.103863	1.349691	1.783855	2.152488	2.939812	3.424091	1.847879	2.528066	1.613853
1.059091	1.293408	0.071554	0.062822	0.038216	0.18133	0.029418	0.019709	0.118118
2.102053	3.256169	1.598705	4.389225	4.983415	4.134417	4.901816	6.157157	3.4486
0.210851	0.123157	0.284771	0.342294	0.294327	0.674649	0.323445	0.233769	0.195715
0.404105	0.121118	0.031443	0.422545	0.096863	0.059972	0.027715	0.086059	0.244907
4.945047	6.39781	5.886665	4.853773	4.853129	6.049277	7.151132	5.454053	7.247986
3.896963	1.84835	4.395022	4.033321	2.218246	2.212483	1.376638	2.938928	4.318773
2.716868	2.010487	2.663591	2.391188	3.695683	2.605621	3.07356	1.576313	1.672867
1.664528	0.831411	0.716697	1.140404	0.823715	0.467254	0.41978	0.669136	1.672022
7.193208	6.152208	5.851668	5.684892	10.47576	8.506432	6.216021	7.005508	6.335747
0.091353	0.323008	0.299737	0.179666	2.018006	0.012251	0.136265	0.302873	0.062834
1.205896	1.466809	1.213121	1.470468	3.61463	3.584742	2.592114	1.175204	1.822901

2.060981	2.034394	2.878704	4.001714	3.369801	1.23461	3.334098	4.44098	2.382502
6.666633	6.631129	5.375991	5.277436	6.878921	6.569341	6.91413	5.701104	7.480992
0.400417	0.377215	0.109648	0.201954	2.681728	0.256594	0.335548	0.311217	0.419404
0.110922	0.133187	0.061999	0.186563	0.136304	0.219495	0.337442	2.287611	0.08377
2.720956	4.445379	4.305899	4.626057	5.69396	4.827502	6.276089	5.891426	3.517228
7.086274	6.16043	4.866592	5.238546	4.464138	3.93424	3.947963	6.351819	4.862452
0.076892	0.074574	0.080017	0.055445	0.135574	0.061169	0.032673	0.176965	0.099493
7.902863	8.946964	11.05364	8.91562	7.945265	10.61691	8.435329	9.740271	9.946208
3.186612	4.217779	4.706421	4.731808	3.91931	4.722376	4.629608	5.255056	4.17777
0.843854	0.812285	3.361725	0.9489	1.833032	1.135411	3.122204	0.738968	4.738489
7.289825	9.524721	5.365408	4.97068	9.231424	10.99314	8.255725	5.702589	6.677619
2.924452	3.235235	4.08107	3.573626	3.190873	2.382135	3.470288	3.972648	2.871226
3.471359	2.974386	3.290695	4.044905	3.794233	2.792213	3.70586	4.331096	3.346129
1.026778	1.226866	1.040045	1.299017	2.625425	1.254709	1.536565	1.38198	1.321552
0.059964	0.05679	0.318176	0.104636	1.104723	0.07378	0.052881	0.062383	0.093686
1.260083	3.983165	0.702733	0.341667	1.320389	0.738292	0.507685	0.456544	0.65351
5.077345	4.597102	5.672862	4.933621	5.619511	4.151758	5.672497	5.435441	5.829605
3.0598	3.300955	2.625419	2.322112	5.414189	2.169339	3.524071	3.552276	2.494585
0.907572	1.977482	3.01379	0.994675	3.027406	5.890836	3.820956	1.763155	1.434989
6.393049	4.213006	6.036469	5.427941	3.75352	5.918825	3.409147	4.367996	3.656965
0.302209	0.7725	2.02842	0.350788	0.787736	0.805787	2.192045	0.693678	6.293289
5.984934	4.94011	4.419581	5.230177	4.697544	3.328292	4.182934	4.346388	4.713625
0.252228	1.247804	1.502	0.946351	0.127402	2.662681	0.965684	2.401818	0.438074
2.70541	3.417297	3.550312	2.544592	3.250538	5.528477	2.786649	3.992169	2.560082
0.728716	0.68534	1.317514	0.999199	1.82247	2.37749	2.880586	4.713563	0.786651
0.138876	0.195622	2.00294	0.250389	0.818685	0.399953	0.334395	0.840468	0.189223
3.926327	2.879291	4.807778	4.398664	3.036998	3.962963	3.710749	3.675665	4.267935
6.635871	4.895138	4.655007	6.016078	6.377856	3.613461	6.845594	4.61475	6.765508
0.427119	0.279292	0.678732	0.712407	1.189669	0.857437	0.801383	0.761971	0.787173
6.299771	3.410657	5.03333	3.854902	3.085638	5.129646	4.159602	4.075404	6.569594
6.461148	4.746938	6.304383	6.296278	5.769494	5.995056	7.935486	5.634179	7.47866
0.460452	0.484823	0.347494	0.232611	0.10779	0.257061	0.061113	0.044542	0.364626
2.866248	2.5381	2.488516	3.360587	3.486648	3.602327	3.320434	2.492819	2.85305
1.383238	1.415045	1.42614	1.894816	3.084163	2.929584	2.273208	1.712889	2.601294
3.439302	2.796374	2.643344	2.424328	3.736276	1.759341	2.843546	1.731467	2.368069
3.52416	3.890088	3.335053	4.075294	2.073432	1.619033	3.071955	2.786828	4.410823
1.73059	1.16989	0.732118	0.597612	0.527401	2.096687	2.035336	0.898692	2.310347
3.382596	3.236573	1.313285	1.947082	2.552529	1.907713	3.568706	1.292094	3.36901
3.22108	2.621311	3.975604	3.846647	4.221194	3.020739	4.014482	4.655151	3.482217
9.323075	9.57772	8.64919	8.727085	8.828919	10.99225	7.874617	7.820618	10.04372
3.789663	3.476099	3.890388	4.186477	4.091112	1.83695	6.186578	3.375774	4.58994
2.163704	2.896751	3.535228	4.091704	5.548475	3.90747	4.069371	3.096392	4.735661
8.468964	7.760584	5.173399	8.384763	5.747194	5.018805	5.730727	5.612965	9.15559
3.201456	3.195035	5.064109	3.811153	2.733716	3.988791	3.729656	2.644692	3.249305
2.79032	2.256771	3.038562	4.216104	1.323772	1.967271	2.003658	4.159022	2.769625
1.866764	1.828867	0.492541	0.920307	0.79424	1.58271	1.463095	1.976785	0.450299
3.188496	1.977034	2.107356	4.433613	2.523962	1.54123	3.116216	4.906891	2.487674
4.436315	3.705086	4.199141	3.737193	4.061288	3.012359	3.596861	2.179745	3.036579
2.757929	2.099053	3.424234	3.113282	4.426081	1.514972	3.60571	3.68347	2.682797
2.327431	0.907603	0.951443	1.799012	1.922833	0.78866	1.301317	1.005941	2.074335
2.125064	2.033977	3.106858	3.613563	4.654063	2.443733	3.794831	3.666587	3.245285

1.338681	1.568741	2.006952	1.570269	1.83435	1.067018	2.146345	2.126262	1.295373
3.655575	2.791395	3.523539	3.170151	2.744885	1.531907	3.125625	3.533059	3.339567
3.857691	5.681428	4.788122	3.390266	3.283716	5.234617	5.107515	3.11753	4.541752
3.21197	3.938549	4.551823	3.758693	3.53356	5.200943	3.825828	5.091508	3.870851
1.092749	0.695752	1.207147	0.998222	2.51617	2.047333	2.357546	4.193263	0.69442
4.446939	4.20948	3.136432	4.509377	4.959141	6.229698	4.088777	4.396481	4.056132
3.210214	1.83695	1.935219	2.610527	5.577088	1.526278	3.77062	4.230156	2.267177
3.859725	3.836529	4.154029	4.726588	6.230164	3.998404	5.600212	4.119092	4.934911
5.023966	4.143431	5.068135	5.392428	3.909919	4.429012	4.144783	4.739729	4.507663
5.215988	4.659477	4.19101	5.081696	5.093043	1.952379	5.692027	3.404988	4.921609
5.014004	4.429482	4.374703	4.798711	3.923887	3.701615	4.012458	3.888673	5.351444
4.995968	5.403911	5.791996	4.846152	5.052192	6.241612	4.687142	6.06673	4.346288
8.767103	5.820329	5.550894	7.892827	5.736026	4.785302	4.468579	5.066325	8.750465
3.872013	1.313214	5.005842	4.467511	1.824202	4.348054	6.984125	3.156645	3.584297
4.012146	2.603275	2.389888	3.486815	3.871926	3.560473	4.261577	4.992117	3.475846
5.975227	4.761173	7.49024	6.066382	3.177141	5.930375	2.341042	5.101867	3.81464
2.440146	1.652426	2.799626	3.241743	2.422781	1.595574	2.004607	1.870643	2.214763
2.500577	2.767779	2.740606	2.63548	4.457955	3.008783	3.982872	2.677159	2.602396
3.221712	2.898382	2.015909	2.134464	2.208664	4.53761	1.293529	1.664139	2.587418
3.058315	4.933312	2.18234	1.94241	4.01843	7.06885	4.899504	2.204504	2.726962
0.926956	0.697157	0.196551	0.100853	0.441656	0.234542	0.247762	0.215603	0.119503
5.2642	4.202969	5.889796	5.334152	5.260046	4.036942	4.767848	6.321321	4.344677
4.844474	4.331866	3.799829	4.744843	3.8998	2.255726	4.223177	3.32009	6.023358
5.021239	4.297373	5.413511	5.992729	4.996412	3.263644	4.126867	4.987401	5.766426
0.293417	0.182358	-0.07606	-0.00107	-0.14226	0.084781	0.669534	0.217776	-0.08427
1.743559	1.319018	2.969003	1.191607	0.761518	1.468936	0.559652	4.246802	4.680088
3.835669	3.449108	4.791049	3.388612	2.976178	4.583057	3.294724	5.445316	2.629123
2.594084	4.983482	4.07053	4.838847	6.428491	4.836629	7.177656	3.885432	5.138818
1.880279	2.690355	2.708456	1.745865	2.337947	3.134235	2.013878	1.490721	1.544537
3.57873	2.403722	4.348393	3.573912	3.501457	1.60132	2.878047	2.132618	3.386514
5.738125	5.711533	6.133234	6.494339	6.046755	6.29321	6.743175	8.38421	6.401281
2.38578	1.697582	3.444838	2.882926	2.678893	1.543286	3.546955	3.374844	2.497215
0.1748	0.359288	0.941389	0.567929	0.372145	0.108588	0.365996	1.214377	0.348344
5.587853	5.935277	4.22689	4.525453	5.836971	4.625317	4.75977	5.011987	3.882005
3.042884	1.999255	3.628704	4.202055	5.291505	1.845999	4.731404	4.344737	4.123438
6.155057	4.259804	1.256307	1.583278	4.342551	0.910793	1.185156	1.549711	1.545588
1.478413	1.880743	1.935545	0.890556	3.778792	3.449073	2.714771	2.54033	1.60475
0.846147	0.613428	0.092285	0.0481	0.70168	0.035923	0.089858	0.027078	0.556401
5.35672	5.179545	6.249072	6.043729	5.54357	6.684304	5.669161	6.859602	5.387309
3.931854	5.389299	3.707373	4.924453	6.750007	8.534896	6.709325	5.037903	5.34947
5.915212	5.564189	6.178875	6.065828	8.404173	5.485996	6.963569	6.073892	6.974983
4.549993	4.724624	6.236357	5.162221	4.321587	4.241997	3.924259	5.081832	5.290966
4.213333	4.677397	3.098436	3.456319	4.221763	6.814615	4.132385	4.9803	3.073156
2.341335	2.545068	3.516933	3.570025	4.381678	2.58314	3.913603	3.870646	3.151022
3.18515	3.576537	3.98611	3.44705	3.584575	3.868822	3.289534	3.72318	2.826925
0.263043	0.035067	0.227731	0.966109	0.022379	0.186328	0.164882	0.081091	3.089962
4.019717	1.623073	0.286193	0.358138	0.159342	0.941549	0.164519	0.143574	0.153314
1.003907	0.398847	0.97444	0.437842	3.433999	2.809595	3.762025	5.035653	0.601875
1.370351	3.464206	1.347814	0.911807	6.108751	3.454201	1.342418	1.84394	1.090975
6.280637	6.57226	6.702236	5.979716	5.664111	8.370725	6.149007	5.952351	5.594811
3.184416	2.990331	3.4362	3.380171	3.079839	5.285165	3.121494	3.41108	3.101549

6.082816	5.121924	4.204251	5.001907	6.422788	5.772734	4.707133	3.255016	4.013338
2.918737	3.686444	3.860611	3.570667	3.557631	2.939039	4.322559	4.93061	2.4723
2.181866	2.306528	5.049326	2.864222	2.610229	3.389991	2.451654	3.701387	4.101375
4.320205	2.714236	2.372639	2.706529	3.676564	3.491824	5.157661	2.890974	3.191688
4.117737	4.428894	4.714521	5.076379	4.21542	4.440329	5.400481	3.165283	4.245149
4.22189	3.615984	3.043926	4.41728	3.297198	1.849813	2.688358	4.588054	5.119428
1.838256	2.362858	2.513544	2.8421	2.461624	1.567495	2.797316	3.779456	1.738712

TCGA-DB	TCGA-FG	TCGA-S9-	TCGA-TQ	TCGA-S9-	TCGA-RY	TCGA-FG	TCGA-HT	TCGA-TM
0.58619	1.141468	0.346176	0.456665	0.596878	1.150872	0.254872	0.364784	1.312516
1.027446	1.654826	1.014547	0.545593	0.870767	0.7228	1.943557	3.178172	0.907741
4.941856	3.954305	5.153253	4.990679	5.326811	4.745597	4.149216	8.257057	5.137716
4.804423	2.388003	3.436969	4.75457	5.805775	4.177383	3.700996	10.41983	3.85462
0.946971	1.370817	1.258012	0.300957	0.998451	0.887447	0.452475	0.468155	0.981252
7.248014	6.209367	6.86801	7.247998	7.171885	7.183325	8.079987	6.763238	6.86386
5.581813	5.777384	5.551146	5.736841	5.18619	5.729897	6.261122	6.816298	5.082278
1.221948	0.666616	0.783344	0.667968	1.334429	0.866363	0.67471	0.498356	0.871851
0.141762	0.177347	0.282928	-0.02146	0.123293	0.374136	0.10206	0.113198	-0.05238
5.504144	5.138344	5.509537	6.038242	5.87265	5.80762	3.865751	5.529745	5.821384
4.102465	4.164433	4.71828	5.60018	5.104865	4.820034	4.967763	4.328553	4.593029
3.336379	3.677481	3.324793	2.84414	3.272424	2.747229	2.20093	2.166829	3.533215
1.956121	2.176755	1.869123	0.997704	1.042426	2.784768	2.818345	2.531361	1.647484
3.329252	3.512538	3.133197	2.152961	3.000352	3.040465	3.559132	6.501561	3.194876
5.526989	6.182131	5.561154	5.482913	4.663555	5.697141	6.952883	6.124109	4.696879
3.839894	4.556452	3.065023	3.401894	2.776733	3.907704	4.659759	2.732156	3.702782
1.194032	1.649093	0.946933	0.725965	0.638267	0.926559	2.095928	1.477059	1.17526
7.926388	8.398183	7.800564	7.912248	7.344541	8.129324	9.969867	9.647472	8.033852
5.304126	6.116785	5.273536	5.072571	5.387236	5.042859	4.195626	4.19363	4.933302
3.771357	4.408007	3.02659	3.330511	3.540289	3.84283	4.39797	3.924227	3.249209
3.410506	3.493018	3.36657	3.302097	3.355395	3.389351	1.904701	3.468831	2.570312
2.832672	3.36015	3.03316	2.721035	2.959365	2.77546	2.007666	2.723084	3.430749
3.133223	3.365267	2.938072	2.763905	2.722827	3.221755	3.395366	2.957701	2.861163
0.577435	3.622253	0.454689	0.67464	0.574469	0.587795	4.035119	0.656874	0.579764
3.542863	3.536154	3.675232	2.67139	3.373273	3.54114	3.865337	3.397181	3.245846
3.268771	3.628862	1.932416	3.142923	2.505453	3.173063	3.613065	4.899573	4.16228
0.552229	0.769435	0.980565	1.127252	1.070674	0.873996	0.788038	0.393414	2.47289
4.212935	4.933078	4.81477	4.820412	5.021186	4.953673	6.211691	3.541276	4.653109
3.895595	2.606075	2.825394	2.300608	3.277532	2.167029	2.439045	3.101945	2.740044
4.508181	4.475336	4.559734	4.997819	4.787527	4.759122	4.544477	3.631391	4.179995
1.621005	2.567617	2.13903	1.323911	1.00914	1.535604	3.482009	3.819806	2.790419
4.836	4.950804	4.661729	4.628737	4.650629	3.962768	5.645151	5.364469	4.797854
4.875294	4.526615	5.200894	5.01397	4.749475	5.163126	4.530762	4.400542	5.774326
2.464909	2.723858	2.905561	2.323553	2.515224	2.866117	3.287661	3.489141	2.4478
2.870563	3.999405	2.373513	1.747865	2.427203	1.597832	6.255736	3.162092	3.523038
2.111161	3.651913	2.702007	2.389321	2.283242	2.38498	3.32778	2.838217	2.504635
5.680063	5.165056	4.852447	5.753135	5.550236	5.270241	4.7814	4.131745	5.267744
3.726341	4.072098	4.198079	3.688117	3.796592	3.690006	4.502559	4.341308	3.970731
4.88657	4.723845	4.426791	4.679256	4.82972	4.777839	5.13315	5.322874	3.650919
0.156643	0.168998	0.093854	0.056803	0.108019	0.077339	0.108475	0.084524	0.125482
0.547695	1.922269	0.243703	0.680759	1.627176	0.311383	6.697265	0.244418	0.292919
3.1296	2.675752	2.878482	2.336848	2.930004	2.58234	1.78004	2.397229	3.021991
1.638971	2.824479	2.639242	1.525799	1.286407	1.960149	3.51616	3.861606	2.964779
1.725756	1.924713	1.37535	1.079763	1.332399	1.592716	0.87616	1.412473	1.754288
1.491333	0.403231	0.46261	0.216508	0.866534	0.089919	2.036399	1.377568	1.220575
9.549561	10.88956	9.722215	9.301073	8.732744	9.351598	12.32103	13.20425	9.702532
6.458248	5.136106	6.313887	5.730757	5.986163	5.706529	2.709798	6.004806	6.215637
4.239158	4.509993	3.961976	3.533212	3.854647	4.119628	2.071751	5.165486	4.51444
0.473522	1.368612	0.574647	1.128505	1.280651	0.88454	1.85661	0.354148	0.694986

0.467283	0.744831	0.680837	0.280646	0.718122	0.509684	0.360938	2.63104	0.738563
0.467883	0.415969	0.846845	1.162962	1.866707	1.085221	0.326911	0.459624	0.463102
2.134912	1.534893	2.108049	3.099188	2.274788	1.583256	2.240791	1.398404	2.095258
5.209995	4.679315	4.514006	4.415737	4.609229	5.572048	4.154968	4.882943	4.677095
4.73147	4.181739	4.275945	4.54308	3.744407	4.647745	4.100125	5.069773	4.102611
0.102329	0.272733	0.064607	0.061735	0.042361	0.126808	0.712398	0.294753	0.022438
0.495465	1.108838	0.735602	0.656811	0.6461	0.433412	4.023095	2.457397	0.822543
7.481085	7.259521	6.245441	7.15728	5.90279	5.358427	7.934794	9.208424	7.350035
9.143645	9.275037	8.058445	8.437784	8.268572	8.82681	8.062256	9.042291	9.290875
3.911915	3.515935	3.656846	4.018412	3.945277	4.286131	4.682455	2.215952	3.89817
1.295063	3.072961	2.481854	1.379547	1.155377	1.007639	2.501575	3.202232	1.727734
5.382186	4.840886	5.572852	6.099928	5.69867	5.607841	5.195341	4.893548	5.75304
0.998213	2.801935	0.877055	0.595684	0.792584	0.706017	4.990799	3.189713	1.521075
3.711482	3.626895	3.932543	3.367555	4.07174	3.811864	3.686464	3.441511	3.097679
0.978777	0.672879	0.901694	0.630837	1.142346	0.587932	0.381728	0.979129	0.79546
7.225201	7.687241	8.492927	10.41654	8.678196	7.004971	9.664832	12.05956	8.451384
2.327276	3.544363	3.183249	2.876368	2.627499	3.181004	4.445901	3.581009	2.996521
3.763294	3.976095	4.15664	3.852054	3.901247	4.250425	4.879898	3.254626	4.448735
0.479613	0.472263	0.876513	1.348055	1.19212	0.958719	0.815456	0.344002	0.905224
5.348034	4.487822	5.426033	4.96161	5.306087	4.781069	4.903362	5.776793	5.13814
4.048994	3.428047	3.424046	3.049653	3.645852	3.400104	2.884431	2.714366	3.839322
1.795113	2.232649	1.649363	1.16962	1.303874	1.595095	3.805033	3.022341	2.089366
3.186995	3.195499	2.883059	1.569355	2.495457	1.520818	2.914881	2.734118	3.171506
5.396446	3.74773	4.266798	3.544423	4.766141	3.31225	3.03561	4.205098	4.577981
5.739745	4.604031	3.908233	5.953759	5.57831	3.600292	6.442553	5.511399	5.264712
4.110535	5.270413	4.560059	4.086061	3.227377	5.148367	0.642807	2.291358	2.020731
2.541959	2.124342	2.326796	2.614962	1.942791	2.236243	3.140657	4.815209	4.559387
2.323189	4.251703	2.339538	1.698975	1.856621	2.400045	4.504261	4.200869	2.486799
2.523992	2.977419	2.754594	2.454319	2.315677	1.625923	2.700567	1.939005	2.07056
3.726575	4.00854	3.538976	3.15805	3.4114	3.481916	3.363063	2.783171	3.41428
2.356505	2.618166	2.596788	2.013726	2.805129	1.954126	2.172517	2.714014	2.466327
3.07647	3.645407	3.954527	4.808585	4.574413	4.674649	4.113288	3.247917	4.306941
7.080868	6.4955	6.990012	7.935537	7.224205	7.395126	7.219716	8.031572	6.356299
0.801189	0.791202	0.812669	0.602717	0.996869	0.839261	0.684016	0.83263	1.180741
5.520939	4.809124	5.368981	6.241439	5.626509	5.940086	6.328885	5.374887	5.746741
0.162966	0.241027	0.678605	0.600948	0.863496	0.830973	0.136119	0.113729	0.502794
3.138687	4.627961	3.642807	3.406327	3.449145	3.733049	3.709364	3.135638	3.667327
0.938021	1.025498	3.329664	2.911292	4.153635	3.492289	1.642008	5.189636	3.917761
1.628805	2.878863	1.828374	1.700977	1.587073	2.439333	3.011787	1.348897	2.223472
2.927714	2.798339	3.531087	3.533402	2.974265	2.363557	3.693671	2.518316	3.198693
4.391008	4.599157	5.271378	6.269648	4.96465	4.789503	5.846548	7.72113	5.957829
0.132689	0.925243	0.64144	0.157521	0.201214	0.124109	0.904736	1.61449	0.15224
1.706426	2.650057	2.630721	2.211835	1.587386	2.132044	3.479326	3.750476	3.281609
0.791427	0.40216	2.18716	1.333009	0.462654	1.988468	0.367313	1.966563	0.320256
2.768885	5.566407	3.319108	2.37934	1.402751	2.639373	8.84661	5.434612	3.587746
1.129016	1.400262	2.294096	3.353799	3.114638	2.80858	1.818174	0.755967	2.075943
3.486766	3.252533	3.688105	3.797431	4.168608	3.64268	3.646607	2.446638	3.271869
2.843163	2.675625	3.547493	3.35258	2.310407	2.78422	3.197609	4.229696	2.859356
5.467172	5.78887	6.476787	6.480952	6.33334	6.476565	5.514098	5.77162	6.062342
1.705306	3.318998	1.960141	1.042684	1.250985	1.203641	4.145079	3.394789	2.354078
8.180065	7.355729	7.646554	6.791102	6.708498	7.750209	6.619955	6.71085	6.148466

1.18031	3.60645	2.215255	1.566018	1.373485	1.432671	5.274092	3.676397	2.014571
1.570006	1.786195	1.793459	1.863259	1.929819	2.576804	3.183849	1.862468	1.858206
3.320713	4.188279	2.780853	2.806071	3.089158	2.798012	5.973766	3.170034	3.951674
0.34966	0.478208	-0.00114	-0.00598	-0.00588	0.100214	0.730607	0.709425	0.120094
8.671251	8.07145	8.254619	8.91002	7.876805	8.55076	6.734939	10.20707	8.398635
4.383114	4.411112	4.368214	4.12963	4.279531	4.390095	5.077292	4.409285	4.220844
2.486953	3.299741	2.180613	1.792554	2.181137	2.423439	7.662582	4.746203	2.642454
0.426563	0.878466	1.087351	0.304643	0.58249	0.323151	1.153921	0.979774	0.735531
4.918812	5.233583	4.303666	4.598553	3.966767	4.555468	5.252389	3.78595	4.262043
1.104125	2.046844	1.283754	0.954539	1.213196	1.194041	5.004378	3.92094	2.624619
2.674073	2.467663	2.906696	2.586884	2.834224	3.153937	3.307251	2.4114	2.817063
2.64945	3.199346	3.018589	2.527265	2.890798	2.929107	3.428586	2.396285	2.995852
0.201986	0.207691	0.134486	0.082689	0.316674	0.058039	0.090981	0.008805	0.12651
0.07021	0.013412	0.063738	0.012334	0.154792	0.254537	0.186066	0.116445	0.023768
3.421426	3.404915	2.295208	2.671971	2.306945	2.975634	3.279557	3.406413	3.364226
4.224061	3.811266	3.632945	4.402676	3.544923	4.2039	0.31588	4.906105	3.661544
3.812426	2.875598	3.202919	2.168277	1.34244	2.541462	1.222697	3.438893	2.444672
2.705769	3.066471	3.596759	3.289589	3.282567	3.239043	1.856769	2.232523	2.701988
3.588315	3.938455	3.946102	4.467128	3.951819	3.544631	4.214917	4.549121	3.502512
6.986447	5.445334	6.934325	7.22667	6.114534	7.103724	5.267713	8.625391	7.249915
0.142735	0.020675	-0.02186	0.077322	0.121748	0.005934	0.181922	-0.05326	0.172101
0.952221	0.642392	0.979053	0.621307	1.067301	0.460988	2.308274	1.669644	0.589151
2.490227	3.982125	3.470309	3.126336	3.233452	3.32189	2.638899	2.394712	3.143786
6.950286	6.114928	5.505146	6.316472	5.855115	6.200594	5.834191	4.358037	5.482074
0.07177	0.021706	0.120636	0.068951	0.132177	0.042228	0.057449	0.132922	0.077534
0.433634	1.149645	0.340541	0.053569	0.338083	0.108109	0.80263	2.849692	0.499986
4.361009	5.470733	4.127448	3.770557	3.925514	4.118559	4.410455	3.136884	3.989036
5.725903	4.865991	5.6218	5.674449	6.036246	5.369885	5.061594	5.476988	5.810834
5.633805	5.111158	5.48098	5.555272	6.046345	5.799006	5.018803	4.577995	4.991465
4.559899	4.872927	4.60331	3.680912	4.225211	4.533143	3.906871	4.642193	4.139457
4.206413	4.865439	3.852769	3.260941	3.749301	4.134151	4.053584	4.899498	3.952024
0.607885	1.856266	1.009845	1.045556	1.327868	1.147005	2.277755	0.969367	1.127125
3.012906	6.400828	4.500413	4.653292	3.442885	3.068355	7.970211	8.063917	1.941253
0.032153	0.000681	0.006182	0.023666	0.06971	0.000681	0.050527	0.038433	0.018449
4.172974	6.611228	4.938199	5.349962	4.61852	4.699495	7.268253	7.090312	4.775223
4.224995	4.946952	4.03263	3.389567	4.135639	4.111268	4.328285	3.450784	3.580651
4.394352	5.783374	4.439143	3.991472	3.727574	4.212239	5.74549	4.967953	4.42136
1.881442	2.083023	3.13938	3.062575	3.228661	3.679468	3.084091	1.878202	2.799948
3.825059	3.883704	4.403261	4.689317	4.435077	3.381497	5.39039	4.90969	4.871102
1.989289	2.779134	2.16688	2.027887	2.685549	1.878893	4.315551	1.16746	2.532913
0.606625	0.040196	0.053475	0.020426	0.318844	0.007441	0.007441	0.007441	0.723788
4.318979	5.298549	3.759036	4.349639	4.215231	4.66498	4.662649	2.377962	4.062991
0.295091	0.194234	0.268549	0.4621	0.239758	0.410732	0.357887	0.43171	0.32852
0.39053	0.223652	0.230606	0.218046	0.597701	0.55698	0.03353	0.041989	0.116629
5.667671	6.318594	5.228773	5.748484	5.302787	5.511928	6.117354	6.340251	7.809246
4.005193	4.215496	4.04763	4.181846	3.687696	4.703062	2.570649	3.732018	3.188944
2.491467	2.781218	2.714529	2.544255	1.914117	2.062663	3.81749	1.868791	2.943174
1.507177	1.605455	1.131743	1.607187	1.219507	1.905742	1.61472	0.389928	1.458073
5.947739	6.719852	6.383775	5.867372	6.354289	6.192798	8.923021	8.580333	6.557345
0.031427	0.135885	0.05366	0.012251	0.081573	0.012251	0.037582	0.167874	0.025781
1.132718	2.518403	1.343885	0.865496	1.023597	1.083297	3.80017	3.386537	1.633663

3.013598	3.559989	2.83259	2.44057	2.648716	2.772149	3.590988	2.035191	2.610659
4.980134	4.995314	4.896971	4.579373	4.803631	4.685175	5.937118	8.48122	5.260351
0.616308	0.638574	0.392222	0.161152	0.262193	0.126599	4.206829	0.223745	0.164573
0.128876	0.360295	0.10597	0.235342	0.266451	0.302875	0.313656	0.060838	0.200478
5.017112	5.080812	4.492071	4.375702	4.187216	4.676137	5.886603	3.851045	4.493339
6.026193	4.961293	5.266424	5.029391	5.617407	5.087809	3.404057	6.428827	5.584051
0.029535	0.062213	0.064286	0.070465	0.130069	0.093395	0.071793	0.047961	0.544587
8.564415	9.416287	8.557909	9.599376	9.708697	9.410711	9.386958	8.899357	8.925476
4.592889	5.262346	4.527284	5.300026	4.65642	4.575792	5.483898	4.111106	4.353184
0.825314	2.383788	1.05358	0.257125	0.591477	0.419967	1.650652	5.428033	0.805341
4.253023	4.421275	6.979091	7.635986	6.045204	5.860204	7.874413	8.575882	8.444066
4.148321	4.067751	3.787838	3.911458	4.157399	3.611612	3.205019	2.477401	4.485257
3.080241	3.300248	3.148567	2.329679	3.114651	2.689746	3.190879	3.318989	2.537753
0.714332	1.3912	0.98492	1.048202	0.822559	0.993198	1.955083	1.655422	1.77179
0.045906	0.072307	0.066353	0.109428	0.087375	0.061069	0.050037	0.045914	1.183446
0.762599	1.087043	0.472576	1.237478	1.089075	0.667574	5.712973	0.478318	0.432606
3.433405	4.142028	3.708255	2.932114	3.328721	3.59737	5.17248	5.514361	4.164388
2.126055	5.389582	3.275561	3.30522	3.923294	4.106101	10.91509	3.333809	3.909736
1.329167	1.286588	1.14034	1.686181	1.686527	1.753011	4.340644	1.765095	2.925406
5.150254	4.998311	6.005597	5.665876	6.414597	5.209549	4.795476	6.761253	3.82779
0.544555	0.665791	1.084124	0.110753	0.557138	0.381353	0.412626	2.882543	0.267784
5.870198	5.754546	6.132599	5.748158	6.300128	6.31902	5.581408	5.479441	5.09375
0.843595	0.258808	1.609795	2.779781	3.313414	2.757613	1.460982	0.062489	2.591523
2.8793	2.45535	2.678211	3.722359	3.025399	3.474623	3.15307	2.713961	3.307325
0.708443	1.937412	0.869186	0.956373	1.654627	1.551323	2.42378	0.461815	1.353736
0.387466	0.558417	0.314713	0.762276	0.962607	0.624764	1.233483	0.290992	0.720608
5.491923	4.712478	4.75078	5.128457	4.943011	5.391274	3.727106	3.018282	4.834058
4.974698	6.676462	5.398759	5.179931	4.059944	5.577779	5.936551	6.187096	5.545158
0.524634	1.503306	0.436452	0.331544	0.269899	0.517856	1.155375	0.720519	0.7597
3.540838	6.83126	4.350303	5.499632	4.246078	4.488773	6.861842	7.900289	2.566696
7.84406	6.292881	6.64772	6.557374	6.233136	7.215687	5.120942	5.977183	6.68878
0.205834	0.202451	0.885475	0.285608	1.168595	1.478824	0.057324	0.085564	1.21176
3.019439	3.023506	2.652627	2.544175	2.46329	3.060898	2.944631	2.698074	2.573525
2.263223	1.964877	2.107055	0.90661	0.787593	1.380507	1.995228	2.255201	1.897833
2.356367	3.090008	2.384323	2.018813	2.176216	2.804431	3.507446	3.40201	1.845449
4.214551	3.969576	4.33853	4.016637	3.104181	3.941596	3.022725	5.037502	3.408201
1.917734	2.541155	1.796235	2.369289	1.199983	1.162586	2.07542	2.542779	1.355261
2.842911	3.179988	2.746343	1.591088	1.858903	2.808687	1.9028	3.935821	2.981874
3.066647	3.954493	2.831214	2.696586	2.710879	2.880762	4.175743	3.344372	2.402684
8.47726	8.94068	9.274808	9.837517	8.94282	8.522806	10.25432	9.798813	7.236267
4.049202	3.671418	3.847844	3.471998	3.611153	3.899216	4.567335	2.981905	3.484497
2.944678	4.193262	2.281642	1.221755	1.180082	2.170595	3.944974	3.867926	2.733608
9.275215	7.818061	8.827916	7.779907	8.081397	7.827723	4.755472	8.019754	7.942707
5.079283	4.168569	2.498633	5.25655	2.472019	4.822474	3.610663	2.938257	4.440947
3.192323	3.273618	3.278017	3.310493	3.781365	3.441546	2.002157	2.2471	2.873416
1.197286	0.521696	1.832833	1.377546	2.411519	1.335135	1.432661	0.372857	0.81655
3.202565	3.418302	2.959433	2.605141	2.60017	2.87209	2.836635	2.611793	2.823903
3.77172	3.533051	4.282882	3.776066	3.756509	4.577003	3.630648	3.971285	3.740098
3.319593	3.454143	3.278768	2.943235	3.395176	3.218976	3.471529	2.773048	2.283618
2.162681	2.223882	2.260855	1.95461	1.937669	2.144449	1.835077	1.150314	3.195992
2.68348	4.191055	3.213695	2.601804	2.658532	2.873295	3.475413	3.012961	3.636391

1.686862	2.406219	2.195344	1.586558	2.045159	1.538245	1.980158	1.273041	1.528203
3.495658	4.201338	2.944991	3.258547	2.962945	3.551899	3.092659	3.329997	3.353509
3.776019	3.646357	3.730244	3.34953	3.405256	3.052246	2.85049	4.429856	3.188227
3.855509	4.404323	3.904566	4.45571	4.12529	4.251792	4.295834	3.666776	3.630477
0.703079	1.97701	1.051682	0.577671	1.143591	1.191401	3.021703	1.00538	1.565933
4.422776	4.348086	4.061035	4.85247	4.513125	4.701683	4.747372	3.939953	3.891593
1.822796	3.830256	2.172685	2.00851	2.611786	2.034651	3.689786	3.473607	2.287693
4.467962	5.001609	4.247392	4.232011	3.828417	4.446591	5.754407	5.538278	5.911289
5.022368	4.555215	5.054606	5.556072	5.209896	5.354292	4.221206	4.239588	4.201616
5.446173	4.875746	4.601983	4.102264	4.32297	4.398041	4.230895	4.019811	4.725944
4.741986	4.462875	5.00249	5.118017	5.265171	4.76796	6.118596	5.266893	4.193218
5.01801	4.631299	5.296305	5.851593	5.751611	5.982801	6.40049	4.349114	5.111096
7.679297	7.100406	7.809797	7.327142	6.034412	7.633382	2.476717	3.763825	4.878176
3.188478	4.994575	4.22548	4.322166	4.671281	3.542102	7.771796	3.237039	2.011316
2.795389	2.67311	3.140243	2.441954	2.711642	2.995256	4.946597	3.365922	3.059708
6.07351	6.554265	6.334409	7.05818	6.580558	6.57101	6.639887	6.368366	4.771863
2.200493	3.423531	2.99233	2.443839	2.972076	2.884151	2.526202	2.330171	1.845187
2.756534	3.02974	2.946654	2.399109	2.906417	2.983583	3.928233	3.040552	2.612073
3.148372	4.426061	2.430117	2.375323	2.215995	2.707808	5.999674	4.745986	2.488846
2.174561	2.396635	2.919064	2.454382	2.528522	2.603471	4.551526	4.10132	3.106341
1.972064	0.356207	0.215841	0.139013	0.127925	0.193662	0.332396	1.098802	0.286793
5.217427	6.211471	5.086204	4.928116	5.393315	5.377961	4.937936	4.17646	5.074173
4.174039	4.292514	4.193796	4.205736	3.438205	4.182697	4.049545	4.756168	3.859292
5.884381	6.208034	5.559288	5.229698	5.456227	5.306081	4.179939	6.153628	5.579096
0.321619	0.283806	0.089057	0.297722	0.117411	0.856706	1.805442	-0.08782	1.571168
2.1982	1.865941	2.320774	2.413929	2.218574	0.960608	0.484078	3.327558	1.451196
3.629913	3.31749	3.775534	4.292906	3.980274	4.149032	4.652478	2.869435	3.837843
4.717454	6.008793	3.105145	3.429972	1.711493	4.764585	7.533052	5.58385	6.185739
1.762055	2.025683	1.767299	2.51745	2.545861	2.364982	2.165945	3.364553	1.477644
3.711731	3.600564	4.572037	4.033693	4.029071	4.330044	2.518604	3.441464	4.429134
6.196756	6.058608	5.609753	7.123101	6.321702	6.54195	7.529043	6.653457	7.007872
2.832926	3.831217	3.155822	1.80071	2.786835	2.506866	2.377622	1.623931	3.19716
0.446703	0.563619	0.811774	0.943518	0.740643	0.533328	0.636641	0.289687	0.65762
4.54745	4.511629	3.807955	3.563883	3.968007	3.57166	5.591148	4.627732	4.384665
3.318202	4.613185	2.793012	3.096935	2.881297	3.035673	5.061884	3.88255	3.491635
4.846706	0.981221	2.156064	0.52687	3.994707	0.709793	0.763945	0.995692	2.703814
1.817791	2.358286	1.316729	1.730478	1.639662	1.894629	3.415897	2.90485	1.82782
0.113592	0.080672	0.145875	0.22441	0.294073	0.103844	0.166104	0.53411	0.985327
4.989418	5.531061	4.556461	4.418353	4.645719	4.799269	5.781924	6.107331	4.240059
4.650099	5.371049	4.49528	3.625825	2.629268	3.648723	6.486805	6.48508	5.238635
6.45635	6.700822	5.268148	6.139539	5.004684	6.081713	8.34394	7.058307	6.434746
7.005967	6.576327	6.37445	5.802288	5.729262	7.143255	5.915021	4.498271	5.159561
2.631634	2.357912	3.53341	3.228243	3.790479	3.569881	4.823749	3.942492	3.403532
2.863806	3.802853	3.170425	3.221214	2.792467	2.992499	3.354489	2.942687	3.248929
3.524825	3.24284	3.689494	3.493999	3.670278	3.592964	3.115149	2.883539	3.473181
0.258792	0.227134	0.30535	0.114365	0.034888	0.953986	0.058562	0.358841	1.652277
2.735215	0.230107	0.771775	1.293536	2.319076	0.155269	0.187262	1.282818	0.229578
0.45383	2.951433	0.419611	0.331051	1.211217	1.28333	4.017204	0.529239	1.80837
0.850656	1.521511	0.952046	1.179505	2.06144	0.854583	9.227525	4.170846	0.946846
6.683092	6.850464	6.588498	7.168316	6.163474	7.435691	7.565538	6.751592	6.378339
3.414538	3.214779	3.519195	3.445557	3.057499	3.435098	3.712561	3.089087	3.010727

5.337013	4.145417	4.787886	4.217074	4.632468	4.595949	5.236558	5.956441	4.045137
3.383264	3.728238	3.697507	3.847125	3.808387	3.422935	5.259079	2.323824	3.462886
3.002834	3.483449	2.727955	3.198511	3.71626	2.749764	2.279438	2.163476	2.130696
2.610933	3.030364	2.847033	2.89933	2.870199	2.906575	3.781707	2.426405	3.347648
6.429661	4.916731	5.370507	5.377285	4.864869	6.266809	2.605039	3.820561	3.248669
6.089934	5.674606	5.165493	5.058537	4.234719	5.355347	0.593846	4.180688	5.086691
2.564655	2.79434	3.114778	2.716394	2.847073	2.756659	2.529186	1.608372	2.266161

TCGA-S9	TCGA-FG	TCGA-DH	TCGA-FG	TCGA-HT	TCGA-S9	TCGA-HT	TCGA-HT	TCGA-WY
0.891796	0.202315	0.926892	0.790523	0.950716	0.920632	2.129922	0.845063	0.853116
1.884712	2.201951	2.260211	2.07591	3.15509	0.708635	0.952353	0.972636	1.200669
5.085937	6.718289	4.913019	5.349681	7.114721	5.763536	6.451291	5.664378	6.3722
1.626312	4.546194	2.072921	4.119172	1.324892	3.646432	4.583142	3.992702	2.7038
1.199248	0.455469	1.397996	0.311526	0.963652	1.265788	0.688069	1.07724	0.966529
7.258514	7.532301	6.077757	10.33443	7.232535	7.775354	7.45977	6.571884	6.987081
5.355456	6.161049	5.535709	5.501111	6.554275	5.839596	7.379762	5.890566	5.413758
0.853078	0.744296	1.54992	0.449559	0.654916	1.06367	0.620516	1.937722	2.510281
0.141208	0.136227	0.071408	-0.00515	0.162912	-0.00194	0.156987	0.16979	0.184294
5.75782	4.217934	4.876806	5.760259	5.041083	6.549448	6.313684	5.081705	5.746309
5.127326	4.87441	3.85783	6.014113	4.31688	5.119536	5.133201	3.777341	4.213198
3.362172	2.585182	3.926631	1.524644	3.872678	3.613492	4.141129	3.329119	3.255369
2.057277	4.022216	1.633577	3.479066	3.077172	1.258277	2.545622	1.356158	1.834686
2.198049	2.600173	3.508186	3.818015	4.460906	3.962572	6.647062	3.679394	3.447845
4.542454	4.47226	6.42414	4.414323	5.445709	4.854662	6.26675	4.685982	4.384543
2.904346	3.64203	3.495683	3.139879	4.474251	3.218439	4.023697	2.793896	2.432236
1.087104	2.313973	1.243981	1.120694	2.976184	0.398318	1.938603	0.845564	0.421179
7.481863	9.006991	8.950579	8.431037	7.657071	8.360518	9.441493	8.261374	8.557879
6.035334	3.019684	5.243469	4.741471	5.569731	5.155489	5.753199	4.226488	4.023075
4.115876	3.715522	4.14316	2.256686	3.98564	3.974359	3.910829	3.175305	3.818516
3.260841	3.01278	2.761294	2.478327	2.094473	3.34903	3.308468	3.303024	3.295652
3.03049	3.335111	3.578681	2.37287	2.277662	3.069853	3.432073	4.025777	2.684564
1.641468	2.822752	3.148372	2.738701	3.263053	3.024876	3.742547	3.015378	3.182246
0.513002	0.640804	0.324001	0.471302	1.164666	0.236219	0.535963	0.412074	0.391335
2.915101	3.629948	3.071732	3.221523	2.928052	3.343126	4.604108	3.673781	3.700286
3.424964	3.091357	3.072323	2.678178	4.620133	2.52703	5.819062	2.199898	1.693733
1.891156	0.892756	0.841021	1.158789	0.337876	0.602929	1.923668	0.913236	1.106732
5.782927	5.738062	4.782117	4.224864	4.000972	4.44229	4.949982	4.087157	5.128221
2.808823	2.629674	4.076678	1.999087	2.174454	3.36369	3.383001	4.873888	4.854361
5.182915	3.992938	4.569991	4.287575	4.368647	5.473212	4.940602	4.23389	4.51882
2.92639	3.887355	2.09795	4.282391	3.773957	1.171711	2.57619	1.461608	2.053346
3.783486	3.828928	4.810934	4.666358	2.509699	5.112493	4.75417	5.439047	6.288271
4.472796	4.920387	5.134182	5.630301	2.940551	4.695995	4.43126	5.676846	5.200469
3.173282	2.611309	2.968634	3.527264	3.508762	2.794653	3.445928	2.320403	3.112349
2.523103	2.344612	5.572164	1.94682	3.628823	3.505631	3.31679	3.781495	4.23724
3.081222	2.432001	3.046588	2.042399	3.63795	2.112802	2.610412	1.663549	2.013561
5.470252	4.489832	5.257045	7.074749	4.772804	5.413838	4.479597	6.080949	7.064585
3.796424	4.522344	3.805294	4.534807	5.256593	3.374532	5.538123	3.675054	4.394669
5.543843	5.596697	4.905879	5.726913	4.764666	4.722376	5.769353	4.376306	4.778109
0.064469	0.970646	0.188603	0.073039	0.309984	0.402148	0.183049	0.09402	0.076287
0.540821	0.310816	0.512458	0.277161	0.120355	0.787927	0.355716	0.662478	0.615041
2.027389	1.645219	3.540493	2.825555	2.85959	2.283292	2.357628	2.982412	4.067549
3.738856	5.821037	2.507443	4.307868	5.19062	0.678836	2.536693	1.64143	1.90822
0.655706	1.220409	1.356926	0.603534	0.479238	0.973056	0.436533	0.759906	0.367853
0.88626	2.101939	1.592807	0.829802	0.795057	1.217777	1.144872	2.205303	2.905894
10.92513	11.41696	9.515565	12.33355	13.10366	9.191121	12.12289	10.13806	9.636063
5.459766	3.566095	6.293789	4.497141	4.570233	6.37202	6.81445	7.036638	7.326022
3.522067	2.956159	4.837157	4.571607	4.040933	4.882434	5.294938	4.982503	5.346376
1.609841	0.923197	0.893888	0.658518	1.181015	0.869355	0.659515	0.451246	1.335011

0.790002	1.658997	1.438784	0.171898	0.382832	0.744396	2.081659	1.193945	0.866721
0.88514	0.733889	0.574066	0.871327	0.588417	0.989972	1.176061	0.398796	0.25386
3.137336	1.978031	2.246104	2.282771	1.90921	2.319149	1.694712	1.554029	2.361593
4.11027	5.274288	4.034354	4.277558	4.012771	3.958256	4.72597	4.567755	4.977722
3.638144	4.774036	3.749119	5.366686	4.780938	3.375422	5.533893	4.273266	3.428054
0.19623	0.450946	0.276172	0.162595	0.904334	0.072108	0.707745	0.133131	0.090131
0.834667	4.43657	0.687303	0.563439	7.51529	0.691243	4.312535	0.553618	0.467502
7.453812	8.536414	6.326077	8.961907	7.212534	6.553466	5.502979	7.730723	8.553597
8.053223	7.720579	8.084466	8.693426	6.119974	8.736454	8.00411	9.099165	9.280322
4.463841	5.201426	3.958666	5.5912	2.591839	3.973159	4.963972	4.438593	5.276862
1.345111	2.023069	2.590322	0.874524	3.455285	2.234379	2.547612	1.343748	0.342758
4.731654	6.10878	4.167071	8.44277	4.098204	6.226561	4.75881	5.655902	7.143977
0.959456	3.8578	3.601206	2.385839	6.803115	0.565857	0.780261	1.33491	1.254272
3.406824	2.249543	3.993496	2.776907	3.790918	3.433744	4.485065	3.569411	3.933409
0.608567	0.735361	0.783822	0.629753	1.592409	1.814529	4.288794	1.051756	1.782617
7.775733	11.82742	6.43609	11.37492	9.103532	9.062768	7.971229	9.59102	9.96727
3.333123	3.04404	3.375913	1.949023	4.249097	3.235239	3.642145	1.778846	2.221604
4.415184	3.362245	3.876321	2.982094	3.845652	4.705044	4.405171	3.061688	3.999919
1.513324	0.870802	0.871095	0.656089	0.474453	0.75007	0.76195	0.693344	1.518207
4.367287	5.350926	4.870817	5.278753	3.845384	4.692024	6.939262	6.161213	6.032248
3.384953	2.956502	3.966129	2.905339	3.025035	4.017852	3.564292	4.610449	4.974826
2.715078	4.933611	2.708842	3.233195	4.769679	0.944716	3.475249	2.079082	1.431044
2.772061	3.14451	2.705979	1.068633	3.269344	2.450448	3.585629	2.639348	2.523009
3.54229	4.723361	5.620433	3.883691	4.3752	5.225797	4.559094	6.481738	7.071651
3.820999	6.376001	5.457826	6.017311	4.996414	5.114348	3.321726	6.118559	7.128177
4.67187	5.751981	1.283884	4.758641	2.735548	1.21141	3.278123	5.219826	3.615582
2.593445	4.099601	3.491116	4.583726	2.986983	2.723187	2.53251	2.853632	2.034787
2.328197	3.123031	4.793243	2.831177	4.355484	1.903648	3.297812	2.507563	1.149209
3.246559	2.215529	3.075364	1.367842	3.003063	2.751176	3.584736	2.264028	2.026613
3.523258	2.705075	3.988864	1.450895	2.834773	3.448114	3.398617	3.853225	4.243492
1.197162	1.952652	1.998599	0.835502	2.850608	1.850383	3.495836	2.391414	1.680683
4.842859	3.998286	3.152721	5.038722	4.214141	3.721857	3.830555	2.958987	4.315156
7.166534	9.337107	6.161316	10.08542	7.780632	8.210684	6.198904	7.109762	8.448417
1.554795	0.587822	1.920364	0.378629	0.932664	1.071128	0.822471	1.394918	1.511197
5.194782	5.958704	4.393744	5.99283	4.962911	6.319822	5.594008	4.913488	5.275228
0.347172	0.762042	0.609126	0.77013	0.114131	0.563903	0.509778	1.0999	1.465397
4.212582	3.127068	3.524742	2.2959	4.073186	3.411785	4.102337	2.58738	1.88293
4.116429	1.545582	2.086929	4.050419	2.362135	2.071873	2.645963	3.181115	1.764146
2.482772	2.374508	2.774768	1.874556	2.947515	1.651596	2.58667	1.642653	2.011817
3.960934	3.717974	2.955863	3.16963	4.027959	3.19291	4.100247	2.456154	2.538067
3.884129	5.647543	5.645129	4.197981	7.239077	5.588913	7.432258	3.124295	3.496805
0.12294	0.495075	4.863423	0.340195	1.985986	1.805124	0.90955	0.248819	0.233983
2.895368	5.309405	2.290765	5.533643	6.42394	1.250065	3.246897	1.929442	2.126915
3.218234	2.237561	0.250407	2.40611	0.209119	0.430382	2.237671	0.189018	0.59293
3.720046	5.036612	4.091123	4.20514	6.216522	2.8824	7.069352	2.987551	2.969373
3.951565	1.409096	1.857975	2.712554	1.493163	1.373408	1.831605	1.651513	2.923116
4.900145	3.530042	4.062218	3.384638	3.123505	3.959991	3.567043	3.469312	4.807234
3.260857	4.378899	3.774747	3.68242	2.913481	2.735239	2.72725	2.643213	3.728762
7.641209	5.756955	5.082105	5.276712	4.635948	7.071047	8.170346	4.429572	5.644734
2.79418	4.504021	3.351646	2.721749	5.522662	1.075609	2.644369	1.872342	1.477213
5.025821	5.91437	7.211268	7.495109	4.756313	6.722004	5.389325	8.011194	7.167366

3.200301	3.141558	6.610909	2.811406	4.123866	4.55749	3.599134	2.223421	1.378799
2.63621	2.390514	2.130285	2.463787	1.533734	2.168046	1.802837	1.836248	2.586169
3.616278	2.787424	3.943186	2.867873	3.158786	2.877564	5.102335	2.371783	2.238719
1.29714	0.823135	0.220582	0.389094	1.089052	-0.01725	0.34519	0.115727	0.158114
8.324079	8.88223	7.083845	8.983202	7.399452	8.716485	7.598852	8.644346	9.247314
4.281278	4.941914	4.393211	4.10214	4.230916	5.413529	4.429948	4.588314	4.910274
2.49255	2.393586	3.792666	3.128386	1.954827	3.111808	2.167793	2.407948	2.905279
0.32708	2.003136	0.721657	0.503167	2.299224	0.851624	1.689687	0.657593	0.539838
2.16719	3.408658	4.228245	3.615074	4.25745	4.392998	5.767209	4.009475	3.975737
1.70776	2.702095	1.526679	1.697846	3.291041	0.432632	2.091065	1.146109	0.480415
3.04604	2.56794	3.443993	1.960833	2.564411	2.761769	3.686825	2.802848	3.654187
3.543922	2.707577	3.629287	1.490933	2.883484	3.000259	4.065553	2.555795	2.387365
0.259476	0.054503	0.323093	0.061891	-0.00512	0.446867	0.060689	0.536646	0.727622
0.499807	0.504222	0.303861	0.045952	0.119767	-0.00502	0.290291	-0.02457	0.027865
2.508197	2.686249	4.345883	2.209101	1.782333	3.002703	2.281631	3.932873	2.714315
4.120845	1.947864	2.672796	4.554795	1.51177	4.621948	6.234517	3.323026	1.521322
2.295639	2.791777	3.927536	1.823077	3.848497	2.597899	3.242699	3.851943	1.676114
3.733191	2.212611	2.758589	1.52437	2.654962	3.638474	3.978546	2.164317	2.363311
4.093779	4.355925	3.395611	3.803621	4.915461	4.214788	3.58844	3.025534	2.56374
6.209507	6.808829	6.345179	7.529449	4.42104	7.139485	6.499942	6.882255	7.202917
0.03275	-0.05326	0.662317	0.026922	-0.03353	0.352302	0.509183	0.071915	0.407809
0.665523	4.087282	1.118204	1.199425	1.842945	0.692146	2.211503	0.448872	1.126939
3.943126	2.88986	3.18734	1.533241	3.576108	2.212509	3.498774	2.159118	1.990296
7.417866	6.619958	6.706754	7.727405	4.947666	6.299382	5.694269	8.308591	8.626555
0.275297	0.025061	0.345525	0.068364	0.098003	0.079827	0.047948	0.051103	0.072047
0.205159	0.744242	1.072803	0.312742	2.658786	1.590984	1.466918	0.723016	0.818092
3.815223	4.098042	4.118774	2.868974	4.681909	3.692544	4.994154	3.717492	2.878671
5.042174	5.321643	5.584651	6.668462	5.676921	6.089204	4.810052	6.41414	6.931317
5.189492	4.904057	5.31148	5.458805	4.539229	5.249863	5.288701	5.452057	6.143837
3.355126	4.340364	4.483209	4.059074	3.348754	3.837824	4.140433	4.878533	4.497145
3.781278	3.188464	4.137867	2.005649	4.537967	4.174921	7.124604	3.693813	3.34957
0.960253	1.148157	1.607873	0.891241	4.050249	1.459706	1.327184	0.508864	1.03125
5.207969	5.74674	7.461539	4.572953	8.103851	6.738108	5.895383	4.102197	5.155396
0.010762	0.000681	0.104541	0.000681	0.000681	0.029791	0.022202	0.190619	0.33602
7.059893	6.405563	7.736297	5.256725	7.203856	6.532792	6.155011	4.626473	5.610904
3.734244	2.981676	4.435978	3.334747	4.389838	4.03967	3.95214	4.007152	3.975596
4.047496	4.00934	5.534795	4.02324	6.12023	3.668392	5.371273	4.320982	3.154219
2.715875	3.110205	3.017516	1.779298	2.149745	2.698352	3.278978	1.783547	2.792648
5.563393	5.318135	4.553101	5.751927	5.628535	5.081378	7.345863	4.309991	4.275022
0.288692	1.130438	1.797393	2.377598	2.514971	2.520834	3.638991	1.378505	2.049936
0.024471	0.167111	0.380869	0.054625	0.01912	0.224327	0.007441	1.47616	1.572487
4.481769	3.776233	3.936407	2.240689	4.441413	3.284781	4.368405	3.262107	3.955352
0.484499	0.358005	0.146939	0.308353	0.241926	0.352677	0.439838	0.190116	0.382094
0.349795	0.068802	0.166559	0.0587	0.287123	0.075464	0.745409	0.191455	0.326139
6.226222	7.09749	6.600967	7.440098	4.954536	5.784542	6.383456	5.333448	6.450642
4.072041	3.398365	3.385893	3.777668	2.509389	3.870283	3.458779	4.158241	3.440537
1.668171	3.490336	2.417972	0.632416	2.044259	2.551948	2.42772	2.371699	2.67379
1.044269	2.191631	0.908597	2.108222	0.683196	1.006932	1.118124	2.80328	1.246574
7.608041	9.052026	7.966116	7.922052	8.823309	6.692329	7.975519	5.444078	6.220288
0.05775	0.042081	0.128359	0.054693	0.290098	0.056203	0.044832	0.021855	0.081877
1.654542	3.558786	1.671181	1.763235	4.576668	1.023568	3.51578	1.192353	0.845726

2.59545	2.279762	3.20947	1.134495	2.649079	2.513359	2.659541	2.285664	2.238063
4.664653	7.321228	5.883605	6.103003	5.978309	5.678135	5.515966	5.978792	5.332208
0.471458	1.521907	0.220513	0.194294	0.7894	0.207441	0.808318	0.505258	0.401292
0.130754	0.230925	0.170916	0.133365	0.135556	0.13612	0.179159	0.102906	0.323964
5.012231	4.611215	4.13607	3.759064	5.54451	3.921916	4.940367	3.623465	4.1249
4.778565	5.335326	6.396104	5.011589	5.208125	6.312755	5.698229	6.814018	7.539528
0.269405	0.101503	0.202499	0.093769	0.027873	0.056839	3.768387	0.081524	0.093276
10.13066	9.138075	7.617416	11.68132	9.231076	10.5098	9.065744	8.292842	8.474378
4.60808	4.221336	4.692625	4.707383	5.03579	4.881625	4.954936	3.800894	4.114188
0.600245	1.996808	4.102559	1.772862	5.783873	2.514338	0.989617	0.745987	2.817497
7.359874	10.08707	6.312318	8.267453	6.80383	7.78754	9.991826	5.458115	5.8882
3.480028	2.473629	3.382453	2.626813	2.544904	3.734525	3.999927	3.139843	4.51143
3.058994	2.768197	4.087196	2.529197	2.874769	2.461928	2.973615	3.985679	3.656287
1.344288	1.715675	1.747929	1.468242	1.858037	0.727054	1.77142	0.941121	0.74336
0.14214	0.239481	0.103121	0.089505	0.088381	0.052804	0.044032	0.108355	0.066702
0.834477	0.569549	0.447921	0.4782	0.17934	0.771054	0.328071	1.118056	1.212326
5.462893	5.814442	4.773926	4.590935	4.992982	2.735696	3.602232	4.998463	4.780877
2.972954	4.552549	4.240002	2.836224	4.380299	2.202136	4.290943	2.024002	3.742153
2.795021	3.526151	3.748271	4.578004	3.238499	0.830877	1.755386	1.068307	1.614832
5.979298	5.717377	4.187926	6.124459	3.231905	6.215899	6.365727	5.041643	5.515218
0.105058	1.845183	1.029599	1.92015	5.437082	0.98133	1.202561	0.301857	0.740348
4.85514	5.462235	4.753398	4.197	5.223129	5.316221	6.138946	4.851758	4.546838
1.785049	4.187956	1.342295	1.856339	0.3359	1.380704	1.349172	0.299585	2.307119
3.381466	3.461068	3.014819	4.91645	3.288778	2.628299	2.652421	3.027752	3.814269
2.145114	1.562659	1.371894	1.106201	1.378693	0.877874	0.957634	0.624451	1.783404
0.626923	0.483666	0.43711	0.299738	1.725385	0.123974	0.974967	0.580242	0.248506
4.273789	4.319872	3.828208	4.793924	3.414463	4.87348	4.898109	4.93244	5.102562
5.508836	6.954984	5.336128	4.974583	5.735703	4.34006	6.360154	5.686398	4.322886
1.365456	1.016149	0.665507	0.908618	1.839212	0.156668	1.223233	0.472345	0.654618
6.586833	5.535637	5.711926	4.162324	6.918958	6.496818	6.820486	4.348839	5.286021
5.279447	7.092327	6.588307	7.452779	3.947082	5.198315	4.883803	7.921259	6.606706
0.25247	0.074519	0.226135	0.034681	0.071894	0.368022	0.457065	0.447752	0.475215
2.645943	3.125192	3.377437	3.060647	3.609348	2.67315	2.793568	3.264826	3.070532
2.460811	3.483573	1.157476	2.306135	3.217458	1.773394	2.475593	1.319104	1.157985
2.239593	4.996248	3.026735	1.651866	3.850567	1.677767	3.028693	2.692651	2.612853
1.94554	2.735208	4.276186	3.318019	3.141205	3.298883	4.131689	4.262834	3.016352
1.397186	2.456686	3.140316	3.431776	1.763837	4.113218	2.039351	2.292561	1.173235
1.769111	3.929871	2.311524	2.853389	1.957486	3.018204	4.104874	3.155065	1.66952
3.58869	3.041442	3.519912	2.990434	3.787174	2.822573	3.127816	3.221404	3.082493
9.099791	11.09001	8.682781	10.83721	10.83801	10.13819	11.85975	9.059722	8.620759
3.413969	4.888884	4.726638	4.478593	2.727523	3.861447	3.61687	4.74781	5.117778
4.074924	4.266449	3.741188	3.713949	6.412237	1.04623	3.863534	2.260088	1.765639
6.350555	7.4535	7.501185	7.14464	6.221387	7.238131	6.483548	8.851124	7.955764
2.488029	4.292132	2.681629	2.600178	2.414698	2.667732	2.432756	3.626181	3.545628
3.882587	1.681253	3.608083	2.485064	1.749005	4.250297	3.624245	3.389379	3.659539
1.19795	0.875525	1.60346	0.457093	0.86359	0.937428	1.355194	1.703109	1.942505
2.399152	1.835951	3.275565	1.326313	2.290914	2.840826	3.182879	3.134416	3.030137
3.52754	3.509735	3.323698	3.352583	2.679324	4.058096	3.775869	4.350852	4.398509
3.323846	2.724456	2.831446	1.350637	3.35926	3.012359	4.35664	2.989463	2.858632
1.372488	2.013282	1.856578	1.710958	2.137229	1.23566	2.400433	2.262489	1.798154
2.732402	3.869666	3.213463	2.802168	5.687363	2.085784	2.78431	2.148659	1.979942

2.473834	1.408352	1.374953	0.594103	1.842529	1.672641	1.705865	1.262731	1.693199
3.152831	2.986935	2.809891	2.958366	2.510934	2.268576	3.465936	3.479315	2.894645
3.307594	5.098032	3.590331	4.389152	5.176848	4.433406	3.035275	3.585959	4.757583
3.323304	2.963375	3.576722	6.324003	3.949957	3.822592	2.927271	3.355706	4.106307
1.427019	1.623936	1.027401	0.788914	2.21661	0.91541	1.562418	0.631176	1.164316
3.927495	4.653058	4.212264	5.329155	3.929227	4.260803	4.535098	4.672216	5.228172
2.887709	5.141224	2.901657	3.247254	4.288338	1.971617	4.284844	1.918192	1.645128
4.474941	5.404721	4.630976	3.446872	5.501204	4.759975	5.111812	4.11678	3.299724
4.816013	4.838893	4.770517	5.257861	4.040881	5.164209	5.642284	4.69196	4.349348
3.908467	3.74322	5.880288	2.859247	3.235316	4.576672	4.16835	5.369307	5.265703
4.719117	5.625852	4.06813	4.433278	3.52455	4.75229	5.909139	4.734234	4.348446
5.269731	5.470623	4.466965	5.961892	4.250451	5.944556	5.475927	4.792925	5.927388
7.105782	8.007058	5.135479	8.238076	6.255553	5.596675	5.260734	7.539608	6.825087
5.861386	8.687414	2.978492	2.65479	0.058838	5.57237	5.240776	3.393734	3.21396
4.048823	4.416619	3.432377	4.087361	3.555374	3.12088	3.756272	2.610186	3.423491
7.490567	5.898098	5.056819	5.909035	4.334722	6.761361	6.95398	5.289033	6.578209
3.201651	2.099457	2.805747	0.944043	1.98842	2.915418	4.361235	2.133482	1.416388
2.194965	3.271278	3.054971	2.656402	4.089861	2.261388	2.928188	2.329716	1.711624
3.505398	3.103536	2.12333	3.729137	3.170295	2.119593	3.761004	2.134992	1.902528
2.893557	5.388336	2.35274	5.259823	4.988694	1.855389	3.866264	1.907267	1.914455
0.502699	0.160342	1.458345	0.451051	1.660442	0.574459	0.153146	0.322209	1.550336
5.76263	4.824995	5.057795	4.072284	5.059496	5.144896	5.229364	4.912711	4.660494
4.096961	5.10108	4.202848	3.940345	3.827223	3.982095	4.659095	4.669592	3.788644
5.221275	4.480726	5.266097	4.261336	6.229287	5.259197	6.485427	5.242632	4.370866
0.349514	0.964491	0.221047	0.459809	0.146022	-0.05874	0.128511	0.51008	0.446278
1.730024	0.955293	1.870604	4.007997	0.937342	2.354027	4.353504	1.2741	2.091762
4.137802	4.300888	3.174995	4.83092	3.112873	3.875019	3.163729	3.072786	4.530017
4.449101	5.844658	6.03623	5.033339	7.030294	3.286104	4.906339	4.149481	2.421176
2.395297	2.127102	1.682235	2.270892	2.757852	1.660359	2.016382	1.775819	2.170829
4.116702	3.907236	3.06161	1.418529	2.983146	3.535203	4.742283	2.742573	2.628596
7.169406	5.624034	5.722579	5.351667	4.87408	7.331944	5.182205	5.631971	6.13753
3.081265	2.248562	3.004777	1.800858	2.97678	2.900502	3.69633	2.461691	1.599904
1.058937	0.595357	0.632712	0.379157	0.710718	0.505606	0.832354	0.194193	0.862462
4.174318	5.035238	5.188443	3.174227	6.441798	4.404731	4.338985	4.94143	5.808277
3.807033	3.125355	4.258934	1.606291	5.546761	2.854532	4.136221	3.188365	2.621661
0.676135	2.176104	5.419747	1.120526	3.557276	4.041292	1.046321	6.394865	6.407531
1.902628	2.709664	1.547717	1.927675	2.83804	1.259682	1.713025	1.767432	0.874996
0.128707	0.476687	0.307078	0.095695	0.431	0.18951	0.150639	0.253616	0.224116
6.033659	5.214353	5.152222	6.279235	5.336427	4.845388	5.326139	5.280185	5.570159
5.46807	7.509101	4.120864	5.972472	7.292935	2.640175	5.23132	4.206731	3.682716
5.802526	6.14071	5.744076	5.676174	7.544898	5.234706	6.080458	6.103196	5.560643
6.053447	5.900759	5.339387	5.975034	4.257068	4.150231	5.681423	4.274449	4.729638
3.371547	4.759503	3.668694	6.67359	4.532284	2.710776	3.134218	3.675943	5.096426
3.846095	3.06317	3.145855	1.34972	3.718276	2.587644	3.610104	2.49853	1.362105
3.592431	3.337906	3.347579	3.48904	3.320129	3.287245	3.67373	3.200366	4.201475
0.463727	0.392659	0.72654	0.774403	0.156479	0.090922	0.366144	0.608472	0.404546
0.124974	0.3396	1.663789	0.363219	0.169326	1.522635	0.150527	4.293527	4.337065
2.057326	2.275681	1.235615	0.778132	2.429897	0.676883	1.271935	0.52123	1.324881
1.891299	1.616915	2.178873	2.847902	3.698615	1.734904	4.056831	1.366137	1.818455
6.562868	7.482099	5.588414	7.157146	5.841674	6.518107	8.065665	5.549564	6.406634
3.245091	4.188057	3.372835	5.098694	3.830736	3.056358	3.456922	3.261003	4.064762

3.967425	4.932904	4.517585	3.401176	4.656312	4.526452	5.20899	4.787942	4.636239
4.415696	3.820906	4.174803	2.597807	4.25563	4.365828	3.681285	2.932443	4.26781
3.834231	2.289167	3.028384	3.337599	2.481151	3.857887	2.417765	3.156981	3.755207
2.671469	4.619286	3.602905	2.239084	3.461885	3.146337	3.514835	4.243674	2.184042
3.253475	4.080906	5.304629	5.52624	2.47643	5.957432	2.964136	5.72846	5.856064
4.271125	3.666343	3.721813	3.819673	4.948331	4.1054	5.494981	4.172096	3.16833
3.290801	2.247823	2.299882	1.434107	2.47372	2.392521	2.781191	1.655707	2.304715

TCGA-P5-TCGA-QHTCGA-DUTCGA-S9-TCGA-P5-TCGA-HTTCGA-DUTCGA-DH-A7UT-01/

1.274822	0.861933	1.715778	0.621049	0.291624	1.019841	0.165998	0.388741
1.030574	0.995331	1.539724	1.776899	1.128813	0.719383	1.418574	1.573587
5.149432	5.039123	5.029706	6.223164	5.340319	4.826667	4.386674	4.786489
2.246588	3.398438	5.521829	6.025235	4.781151	5.0603	3.284449	5.617726
1.576905	0.988322	1.745736	0.403025	0.446276	1.239492	1.922678	0.852931
6.825697	6.939901	7.398979	6.775	5.299921	6.367467	7.308757	7.084175
5.616354	6.237552	5.431389	6.538644	6.17185	5.539197	5.915804	5.608551
0.718062	0.504056	1.164497	0.764419	0.567341	1.033673	0.754575	0.544995
0.146607	0.153786	0.03151	0.218184	0.137572	0.012396	0.224538	0.192737
4.835436	5.20472	4.904023	5.717591	2.801005	5.295253	3.234747	5.165718
4.834946	5.207329	4.357698	4.531725	4.506643	3.286142	2.78298	5.42644
3.103401	2.849563	3.816418	2.729463	1.61107	3.306853	2.51219	2.131648
2.376921	1.275777	2.28884	3.480211	2.660383	1.612035	2.441564	1.456643
2.027981	2.753818	2.557498	3.449662	4.512292	3.710437	3.43812	3.097071
4.798244	5.293086	5.578616	5.040938	5.675018	5.231494	6.410403	4.726504
2.526124	3.395404	3.790766	2.656516	3.666018	3.532756	5.44654	3.083304
0.755837	0.560987	0.981177	1.120672	2.049862	0.918329	2.06413	1.034945
7.460208	8.249568	8.08791	9.054046	7.760495	7.648228	8.847222	7.317966
5.662991	5.518906	5.901391	4.499631	3.797993	5.059525	5.149795	3.896114
3.140545	3.138982	4.090855	2.57364	3.692513	3.757545	3.226802	3.242957
2.887307	3.351171	3.409964	3.241711	3.389892	3.34876	3.85115	2.671874
2.911311	2.639433	4.452078	3.605234	1.794634	3.307814	2.573614	2.50858
2.365816	2.402404	3.314737	3.097309	2.233564	2.929575	3.267888	2.666289
0.410915	0.461099	0.348758	0.327003	1.942067	0.540189	1.601312	0.941298
2.741783	4.002985	3.441003	2.337045	2.952548	4.226491	4.009412	2.666175
2.49707	1.669016	3.338953	3.575752	3.706005	2.473908	4.608019	2.677249
1.060711	0.859024	0.729875	0.734848	0.326401	0.951502	0.499179	1.084147
4.405518	4.983399	4.39604	4.1679	6.140337	4.369801	6.271554	5.034405
2.553394	2.286505	3.362762	2.142053	2.61505	4.027822	2.403424	2.909396
4.771001	4.869897	4.551975	4.41347	3.546444	4.363842	3.994645	4.109781
1.719922	2.344979	3.170264	2.735379	3.452273	1.344387	2.901333	2.818203
4.229617	4.772732	4.881042	5.123907	2.041276	4.946572	2.625734	4.426363
4.634349	5.085661	5.106572	5.769362	4.90622	5.198259	4.763162	5.210705
2.559051	3.178217	3.295481	2.466695	3.388688	2.184866	2.432054	2.341884
1.981556	2.228322	3.655509	1.959563	2.010931	2.418931	2.925001	2.291535
2.402463	2.018567	3.213046	2.239329	1.759556	2.225676	3.016602	1.862625
5.449005	5.88872	4.728608	5.102676	4.605488	5.332422	4.528363	5.240033
3.424654	4.423474	2.850672	4.099411	4.034739	3.500564	4.31857	4.182191
3.013851	3.262101	3.961851	4.886018	5.214874	4.551261	4.379469	3.958297
0.075404	0.064547	0.096397	0.121766	0.349935	0.098669	0.307097	0.075392
0.682842	0.500512	0.687785	0.636737	0.53083	0.531869	0.615243	0.573741
2.128674	3.160219	2.459657	2.248811	2.651075	2.552894	2.906045	2.335308
1.303192	1.846191	1.896534	2.74501	3.022737	1.750004	2.914719	3.149717
0.944279	0.800519	1.064713	1.443438	1.035492	1.604626	1.216023	1.134666
0.868305	0.188698	1.18125	1.052028	1.493382	0.915072	1.233039	0.566051
9.262001	10.7312	9.09537	10.35675	11.81804	9.812167	10.0873	10.95769
6.081893	6.504088	6.459757	6.455786	1.659414	6.492018	1.742433	5.194688
3.329889	3.568462	3.818767	3.951099	2.434176	4.739914	2.175025	3.78545
1.137092	1.299719	0.698715	0.539099	0.734519	1.298776	2.003489	0.947625

0.509437	0.190577	1.037127	1.055081	1.535606	0.772835	0.452639	0.749268
0.475046	0.990447	0.69582	0.643313	0.191077	0.831872	0.805988	1.21963
2.360181	1.473949	2.493249	2.168079	0.784249	1.909669	2.354739	1.790465
3.808573	3.938549	4.048882	4.722349	4.183905	4.687968	5.174035	3.890825
3.941151	4.497543	3.957441	4.282418	3.20391	4.791276	2.298114	4.279541
0.171743	0.061335	0.154872	0.107855	0.243378	0.041742	0.43511	0.126116
0.635512	0.459828	0.955643	0.674311	3.104727	0.384483	3.350539	0.763022
6.003579	5.698205	8.182749	6.462287	7.876592	7.25461	8.226615	7.042844
9.644111	10.43606	9.177582	8.54785	7.89045	8.908156	9.074317	8.47289
3.293638	3.148432	3.802232	3.541242	3.049834	3.744988	5.072393	4.607066
1.109814	1.257826	3.662346	1.957383	2.578578	0.68982	2.938155	1.221906
6.374366	7.146595	4.261234	5.709562	6.036826	5.392223	5.432248	5.316719
1.780305	0.924477	2.564621	1.786897	3.178944	1.157028	3.538129	2.320536
3.182446	3.732083	3.526055	2.927856	2.44379	3.289923	2.443946	2.992985
1.029141	0.882873	0.970382	0.813277	1.282109	0.903787	0.424959	0.977707
10.02415	9.088917	8.261244	9.796924	10.95082	9.575213	7.994911	9.466302
2.769274	2.508434	3.477451	2.388053	3.192383	3.007413	4.509554	2.706964
3.663063	3.44496	4.172905	3.292456	3.856579	3.609307	5.341438	3.05294
1.089316	0.91806	0.608405	0.793737	0.373676	0.626483	0.82864	2.003514
5.443606	5.867214	5.637493	5.131097	4.726071	5.765897	4.973996	4.870065
3.45689	3.182979	3.800054	3.191345	2.502871	3.815681	3.208165	3.263596
1.601353	1.424304	2.423392	2.330142	3.488388	1.461	3.808215	2.521101
2.495892	1.448573	3.278849	2.609582	2.752205	2.750659	3.598616	2.048838
3.667747	4.148219	4.491072	4.35332	3.380247	5.441372	3.187892	3.952565
5.011931	5.190109	4.420759	5.745082	5.609815	5.073356	5.649448	5.690886
2.206084	4.792994	1.616833	3.983181	1.999546	6.391267	1.958642	5.319677
1.982327	1.541783	3.145663	3.901717	4.96158	2.52051	2.886613	3.586118
1.854509	1.691093	2.136128	2.613324	3.397895	2.095911	4.908545	2.576003
2.262563	1.474446	3.392073	2.321849	1.653254	2.797686	3.161847	1.827969
3.264166	3.790196	3.703941	2.81824	3.325385	3.2253	3.373292	2.725324
2.579617	3.378771	1.645573	2.18725	2.174889	2.207886	1.66701	1.347042
3.748741	4.131629	3.432635	3.992382	3.819667	3.38587	4.290521	4.810733
7.514395	8.169654	6.4216	7.576742	8.518973	6.570112	7.704547	7.977767
0.472493	0.478014	1.912534	0.424858	0.612722	0.931906	1.171202	1.059007
5.71528	6.190353	5.181688	5.669027	5.923928	5.148229	5.74579	5.288167
0.416387	0.62503	0.556301	0.436106	0.504442	0.775421	0.15739	1.069356
3.075367	3.259359	4.421486	3.382422	2.470728	3.435644	3.914402	2.906295
2.828468	1.846038	3.023126	1.461042	4.618343	1.22037	1.052325	3.223746
1.928182	1.411611	1.550328	1.818411	2.045909	1.712062	2.67693	3.104628
3.708721	2.945402	2.52533	3.357945	3.899991	2.509816	2.973599	2.543061
5.290815	4.741814	5.886712	5.144761	5.883443	3.847415	3.948531	3.76578
0.117254	0.346052	2.64086	0.373243	0.487027	0.169903	0.831712	0.397519
3.31038	3.333583	1.884199	3.71583	4.429003	1.979421	3.429703	4.144598
0.019659	0.498904	0.029704	0.291863	2.362385	0.429596	-0.02558	0.885422
2.985058	3.975951	4.21001	4.609394	4.346058	2.234821	4.108146	4.379878
2.172173	2.327303	1.743772	1.611362	1.270976	1.40743	1.737996	3.191049
3.785444	3.493762	3.638567	3.209587	2.923282	3.221693	3.696663	3.65726
2.300155	3.333458	3.756487	2.93385	3.507334	2.205033	2.831149	2.798771
6.285229	6.928361	6.027463	6.728504	6.025742	5.784701	5.213569	5.893029
1.610265	2.06983	2.717708	3.644459	3.274872	1.605298	3.336615	3.143857
6.441485	6.860879	7.153041	7.482881	6.008124	7.24995	7.354977	7.783541

1.526194	2.385169	3.152227	2.034478	1.447956	2.051457	3.36915	2.374497
1.414316	1.374451	2.354922	1.25923	2.064719	1.428523	3.017863	2.54966
2.584708	3.066545	2.060978	2.401087	2.368852	3.199513	4.033697	2.94969
0.115741	0.397202	0.002198	0.284574	0.522973	0.139566	-0.00711	0.127171
8.025414	7.976516	7.590897	9.242416	7.789534	8.370509	7.416398	6.564668
4.274783	5.003507	5.364594	3.970827	4.899148	4.298742	5.889234	4.888951
2.313131	2.623906	3.02331	2.519202	2.762153	2.493209	2.878952	2.541956
0.411453	0.68707	2.033737	0.552273	0.807359	0.355594	0.965567	0.724304
4.145046	4.463859	4.562618	4.133371	2.102463	4.987791	5.047142	3.419692
1.321251	2.789072	1.004069	1.244033	4.619497	1.187549	4.684106	1.659327
2.2602	2.762859	2.926286	2.1871	2.244619	2.66275	2.95178	2.920521
2.959416	3.098995	3.376823	2.62935	3.112918	2.950647	2.803072	2.920503
0.248138	0.10679	0.332024	0.294809	0.034374	0.224401	0.002876	0.136818
-0.01146	-0.03167	0.064587	-0.01229	0.139282	0.038769	-0.00799	0.017736
3.718649	3.059435	4.991223	2.863962	2.920266	2.857575	4.420155	3.120309
3.02936	1.6365	3.268974	4.774711	2.869327	3.690469	0.643976	3.803448
1.302986	1.482212	3.542164	3.620328	3.134452	2.898639	1.467033	2.693623
3.197486	3.355949	3.724304	2.647621	1.041772	2.89911	1.833655	2.477146
3.004618	3.624716	3.749217	4.519643	1.933657	3.813191	4.030528	3.503193
6.852682	7.736479	7.068701	7.595379	7.185056	6.904846	5.022359	6.797308
-0.00421	-0.03154	0.022362	0.137613	-0.05326	-0.01046	0.160809	0.092776
1.173319	1.143844	1.210448	1.160082	4.031401	0.611226	2.038734	0.74284
3.086018	2.543863	3.560559	3.122624	1.266277	3.044348	3.418747	3.270124
5.656005	6.770587	6.500563	5.452745	3.742716	7.77113	5.739267	7.339582
0.003679	-0.00045	0.060892	0.140212	0.069893	0.066649	0.942882	0.127922
0.308891	0.150494	2.664422	0.221417	0.330694	0.291115	0.176839	0.196991
3.681057	3.727065	4.101196	3.722656	2.13578	4.559253	4.71394	3.731651
5.857598	6.178562	5.313652	5.990007	5.298894	5.473288	4.862799	5.737537
5.354874	5.709687	5.785553	5.164258	4.837578	5.437544	5.193697	5.150775
4.536738	4.612348	4.579538	5.203405	4.374085	4.620995	4.390866	3.954468
3.896026	4.062698	4.463387	4.204533	3.329996	4.089423	4.016547	2.894552
1.399438	1.396664	0.807139	1.858924	2.377365	0.808751	1.783376	1.107635
3.538792	4.736294	5.566953	4.342227	6.475032	2.640961	4.397601	5.27517
0.000681	0.008283	0.033771	0.03437	0.025423	0.008185	0.000681	0.021277
4.9625	5.370201	6.028601	5.077305	7.111925	3.268179	6.709951	5.725641
3.837634	4.410547	3.838697	3.680567	3.864789	3.958165	4.651519	3.553827
4.255928	5.097856	4.689786	4.491757	5.251851	3.94291	5.949695	4.246401
2.560399	2.38762	2.929336	2.257096	1.595826	2.272312	3.326701	3.70751
4.411314	4.643296	4.332852	5.122217	3.008625	4.665385	4.679223	4.096806
0.92244	2.474793	0.7385	3.109494	1.209795	2.093848	3.316312	1.600232
0.120405	0.045709	0.199192	0.077733	0.021419	0.362392	0.019128	0.125809
4.528389	4.877212	3.82031	3.904038	4.341907	4.375738	5.392282	4.249686
0.204582	0.254514	0.252238	0.346688	0.295113	0.244928	0.363788	0.338325
0.353763	0.129361	0.246363	0.105082	0.227364	0.352088	0.012525	0.270238
6.879523	6.808859	4.790407	6.835811	5.631214	4.851833	7.050377	6.046718
3.988226	2.298567	4.264315	4.006563	2.445899	4.111913	2.749847	3.895177
1.458204	2.39054	3.167378	2.785558	2.719462	2.844587	3.055029	1.451943
0.540634	1.413934	1.712945	0.649958	1.632712	2.019828	1.262324	1.675779
5.221739	5.541533	6.914506	6.610367	7.891068	6.216293	7.702894	6.784147
0.063895	0.102319	0.129261	0.075462	0.024829	0.057393	0.053875	0.027929
0.980083	1.215895	1.730948	1.632933	2.410649	1.08961	2.731131	1.827638

2.784078	3.247575	2.927	2.646053	3.389351	2.555073	3.794078	2.326201
4.620156	4.528154	5.440533	6.8687	6.862428	5.354895	6.886888	5.271062
0.209981	0.515717	0.531581	0.220916	1.195123	0.348177	2.487349	0.368579
0.249308	0.353268	0.154088	0.125713	0.242144	0.333207	0.512659	0.254493
4.487815	5.230537	5.565853	3.887399	3.674268	4.486396	6.987207	3.809767
5.110192	5.339158	5.862233	5.57623	4.30039	5.717443	4.303238	5.308156
0.08386	0.079218	0.05779	0.075856	0.050787	0.084514	0.03654	0.121804
10.1235	9.27331	9.169522	9.407426	9.039741	8.376751	7.706262	11.73847
4.70995	5.086776	4.318278	4.892747	4.119032	4.045377	4.938263	4.86705
1.251708	0.80937	5.401398	1.223506	0.837198	0.836663	1.182737	2.139132
7.415232	8.637231	4.858188	7.431163	9.180098	5.29401	6.572297	7.363491
4.440901	4.852806	4.51421	3.358365	3.459273	3.146723	2.655923	3.306967
2.349583	2.899323	4.22671	2.701851	3.097565	3.017586	4.079087	3.017972
0.725896	0.723927	1.58444	1.22692	2.071371	0.769441	2.079633	1.630708
0.076316	0.048499	0.086334	0.075594	0.041484	0.055857	0.061003	0.074592
0.41586	0.348303	0.823122	0.731802	1.434081	0.59481	1.145019	0.532089
3.363862	3.300024	5.139034	3.677793	5.144996	4.335853	5.912028	4.916918
2.051708	3.770152	2.220254	3.322955	4.418282	2.70582	4.672546	2.85886
1.457618	1.509513	0.686675	3.232154	2.044587	0.982494	3.781502	3.006914
4.26667	4.962324	4.372729	5.307601	6.507155	5.438612	3.490457	4.451157
2.895361	1.321768	1.37601	1.979765	1.287944	0.989116	0.186256	2.460135
4.928546	4.695848	4.725086	5.055697	5.711457	5.79817	5.094808	4.930754
2.869597	1.950784	0.797375	2.248458	0.637721	0.734474	1.089511	2.029253
2.942048	2.88924	2.712492	3.259382	3.271943	2.675647	2.641087	3.655572
1.350746	1.458853	1.034509	0.864943	1.107121	2.050045	2.870345	1.106545
0.650542	0.17131	0.948786	0.372413	0.399243	0.795741	0.97311	1.201774
5.439378	5.092696	4.250087	4.723019	2.67237	5.832255	3.833705	4.952531
4.356673	5.326263	4.746718	5.936372	4.338743	6.955177	6.65333	5.380032
0.28294	0.69613	0.492337	0.796205	0.765483	0.413436	0.454662	1.002726
4.247509	4.331549	5.383712	4.273684	5.926654	3.084121	3.850685	4.836747
6.152066	5.922376	7.465588	6.462261	4.304276	6.846453	6.580068	6.925988
0.980821	2.018358	0.292901	0.219325	0.11168	0.314813	0.117251	0.19498
2.508003	2.970329	2.891749	2.738361	2.883257	2.940054	3.086336	2.646507
2.011861	2.297414	1.81316	2.343048	2.220949	1.63972	1.958353	2.37163
1.609234	1.935496	1.971727	2.383232	3.873288	2.226653	2.868195	2.346941
3.572211	3.438723	3.596381	4.342738	3.562014	4.105594	3.843342	3.755052
1.344233	0.749155	3.735013	2.03026	2.118077	1.042945	2.782426	2.654132
2.342049	1.876712	3.751263	3.346682	2.975649	3.122395	3.557401	2.021404
2.354882	2.34132	4.078361	2.44476	2.627945	3.289231	4.39527	3.056553
9.461813	10.81739	8.001378	11.00692	8.119888	9.82004	8.413767	9.353698
3.922322	3.481659	5.495113	3.763174	4.886742	3.861145	6.052434	3.996684
2.654582	2.545447	3.502996	3.746362	3.031966	1.956848	4.043659	3.073934
7.859799	8.552631	7.953247	8.340282	3.760454	8.628947	6.307183	7.406826
3.861956	4.524117	3.75239	4.653835	2.751468	3.864315	3.528594	3.843796
3.582913	3.213319	3.505436	2.544111	1.448526	3.692789	1.980526	3.332192
1.275154	1.567253	1.08324	1.011049	0.402282	1.385234	0.919183	0.90277
2.499365	2.341155	3.538567	2.677615	1.750497	2.954291	3.132502	2.191867
2.905436	3.553141	3.798997	3.946729	3.513062	4.092811	4.393143	3.405816
2.424095	2.79721	3.4133	2.75679	2.417596	2.681924	3.379346	2.690706
1.694685	3.387609	1.269475	0.823001	0.667454	2.429271	0.892201	1.684561
3.006831	3.434151	3.746099	3.503083	2.726119	2.703122	4.328947	3.074426

2.176822	1.722852	1.980854	1.544689	1.447437	1.567444	2.228062	1.510766
2.268192	3.625257	3.371096	3.134762	2.077463	3.871991	3.132498	3.177767
2.852393	3.394835	3.413036	4.722285	6.742552	3.846104	2.838908	6.244144
4.220264	4.888927	3.603067	3.895111	4.30647	3.639625	4.351631	4.358522
1.241374	1.405514	1.105276	0.861954	1.354877	1.739771	2.871244	0.948517
3.884603	5.230157	5.59633	4.457965	4.57349	4.005136	5.010301	5.224856
1.707816	1.345546	1.957279	1.812887	2.58978	2.900692	3.608059	3.236148
4.111753	4.181796	5.013637	4.713214	4.618008	4.539526	5.584993	4.402532
4.53966	5.303343	4.571151	4.821762	3.446622	5.057759	3.083227	4.114804
4.421594	4.054592	5.22859	4.219192	2.509179	4.737321	5.378989	3.477473
4.100318	3.902306	4.067112	4.224258	5.510743	5.234199	4.084699	4.708268
5.715583	5.987137	4.429695	5.529891	6.476533	4.804174	6.266444	5.627499
5.495918	7.217576	5.522903	7.989456	1.940309	8.543198	3.575641	8.173578
5.202525	4.058886	5.594914	3.832763	3.773723	5.182922	9.223751	3.890095
2.47396	2.716728	3.596931	2.909113	3.218678	2.477973	4.898579	2.917556
4.794148	5.707855	5.597693	6.062079	7.56823	5.646178	2.926926	5.279343
1.914246	2.324332	3.373071	2.465445	1.428175	2.423801	2.044823	1.782955
2.161627	2.722039	2.617516	2.871831	3.492236	2.296853	3.81885	3.031952
1.436386	2.318059	2.676133	2.522775	3.126498	2.295256	1.87738	2.866324
2.234423	2.740879	2.193625	4.397317	6.176829	1.937308	2.671891	2.69515
0.141571	0.515942	0.577073	0.329405	0.478332	0.079805	0.273202	2.042229
5.068815	4.905778	5.044261	4.840024	4.172302	4.95317	5.260757	4.333993
3.623444	3.934424	4.230505	4.648147	3.602573	4.860943	4.356764	4.654583
5.056684	5.148963	5.589197	5.386038	3.638173	5.760056	4.139524	4.580844
0.347328	0.293447	0.241263	0.403672	2.809175	0.109554	0.761073	0.03266
2.380258	0.942902	1.513033	3.000428	0.997947	1.987982	0.560385	2.978426
3.404744	4.024521	3.742234	3.29186	4.022559	2.961856	4.393366	3.919502
3.133844	2.362029	3.760027	5.320104	4.438043	2.579237	5.801216	4.087778
2.031355	2.296452	1.873469	1.948344	2.320417	1.741126	1.353636	2.955318
3.591127	3.427103	3.817572	3.329853	2.325577	3.796927	3.057266	2.731536
6.050827	5.626076	7.125426	6.337133	5.055843	6.846203	8.016716	6.37689
3.012559	2.912247	3.689184	2.107583	1.51131	3.156485	2.994527	1.79065
0.73517	0.532543	0.608129	0.708252	0.31727	0.33574	0.947273	0.565857
4.16275	5.097321	3.791765	4.099934	5.771581	4.260886	5.231494	3.601721
1.805955	1.70947	4.429092	3.198344	2.949578	3.608329	5.182234	2.983264
1.262329	0.661736	4.177386	2.004188	0.76723	4.254246	0.607686	1.886671
1.347871	0.979603	1.878616	2.070056	2.699854	1.603937	3.332038	2.732699
0.135902	0.183047	0.521165	0.076265	0.50294	0.322758	0.065515	0.117299
4.715289	5.444442	5.66299	4.329932	5.348344	4.811431	6.534708	5.336843
4.261011	5.787778	4.061726	5.38241	6.778511	4.14779	6.450032	5.816597
5.391324	6.266764	5.987226	5.795252	7.257396	6.096004	7.034597	5.379994
6.013256	5.831992	4.001721	5.92603	6.371824	5.038008	5.869071	5.275154
2.667649	3.444801	3.190138	3.381172	5.164474	3.27061	4.79385	4.525668
2.860187	3.030506	3.644763	2.928903	2.173798	3.027175	3.769325	2.305776
4.175919	4.229173	3.69378	3.346027	3.006387	3.415914	3.416369	3.332114
0.16874	0.225168	0.330826	0.257226	0.090242	0.275251	0.069007	0.108566
1.180402	0.283729	1.9803	0.414448	0.081835	1.489827	0.126158	0.31185
1.861179	2.217193	1.209827	0.506719	1.986006	2.53443	4.700758	0.690519
1.461947	1.454549	1.051991	1.465534	5.459428	1.069796	6.285944	1.422377
6.075985	5.968808	6.000282	7.141879	7.885904	5.815412	6.653464	6.353786
3.241269	3.717902	2.684935	3.567292	3.796508	3.306392	3.570121	3.765661

3.744879	4.502997	4.519013	4.211225	5.398365	4.870625	5.446117	3.210376
4.070089	4.751206	3.635465	3.300336	4.629388	2.708896	4.917966	3.463176
3.971741	3.249874	3.196808	2.56852	2.403406	2.556063	2.775993	3.951372
3.317146	2.674194	3.50851	2.698217	1.915784	3.247178	5.485623	2.718573
3.736566	3.234233	6.152245	5.461508	3.027062	5.158874	3.306557	5.919579
5.244686	4.337232	3.907683	4.757394	2.750967	5.658617	2.882907	4.253666
3.239934	3.698426	2.823022	2.318064	2.089687	2.044478	2.683136	2.104948

A-12R-A34F-07

Supplementary Table S2: Raw data of FPRGs in CGGA cohort

geneNames	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_11	CGGA_11	CGGA_12
AIM2	1.036078	0.9723	0.428235	1.064469	0.340419	0.219105	0.124778	0.134531	0.26377
NLRP3	1.799875	2.471173	1.954333	0.776016	2.502704	0.929866	1.281894	2.085764	1.507033
ISCU	4.570752	4.914469	5.279801	6.505603	6.413858	5.455078	7.570715	6.576127	6.025161
MT1G	4.506815	5.636671	3.623335	6.072132	7.515533	4.007181	6.426062	3.955251	6.614579
ZFP69B	2.298945	0.692174	1.230238	0.367153	0.298531	0.869996	0.502242	0.59706	0.271863
ATF4	7.033683	6.686424	7.388829	6.609282	6.618178	7.581702	6.42328	6.32988	6.852261
SQSTM1	7.428425	6.818848	6.738824	6.404869	5.842467	5.590726	6.159184	7.076675	4.76785
GLS2	0.778312	0.798037	0.124256	1.240282	1.054323	1.623174	2.823821	0.242961	1.793393
GPX2	0.786366	0.193574	0.067151	-0.00328	0.15591	0.075585	0.058638	-0.00328	0.067151
VDAC2	5.274034	5.141565	5.53652	5.613601	4.125342	5.678387	6.2099	4.420262	4.605391
HSF1	7.470338	4.001175	4.422174	4.28851	4.086449	5.197269	3.696378	4.148695	4.038468
ACSL4	2.561744	3.581803	3.182518	2.5774	3.169999	2.364449	3.911307	2.981693	2.627351
PCK2	3.341536	2.734511	2.924119	2.669268	2.360444	2.74609	2.46487	3.044822	1.947969
NQO1	4.929817	4.888192	4.118065	5.247598	3.591692	4.370463	4.865667	4.630827	3.774807
HIF1A	5.025985	5.954681	5.879504	4.557636	4.191659	5.2387	3.465453	5.899623	3.528764
CASP3	5.922757	3.256192	4.651552	2.238095	4.37473	4.005083	2.563373	5.486671	2.240459
CASP8	2.507524	1.833644	1.96303	0.955808	2.112792	1.58199	1.047794	2.287665	1.298559
UBC	7.932535	9.202181	8.082689	8.644575	9.223708	9.860514	8.674224	8.580722	7.079455
ZEB1	4.341276	4.221907	6.314434	4.324051	3.765846	4.9752	2.530905	3.908895	4.01676
SNX4	4.621647	3.764073	4.637647	3.253959	3.988932	2.797072	3.713983	3.705325	2.793448
ACO1	2.190301	2.750403	3.018565	2.318768	4.010973	0.370944	2.690591	3.705874	2.290026
LPIN1	1.705908	2.289504	3.443211	2.6181	3.331243	2.126604	3.077705	2.686618	2.512245
ATG5	2.488915	2.74287	3.30082	2.918447	3.725941	2.963914	3.422202	3.242305	2.333775
NOX4	1.363338	1.282894	0.289421	0.265131	0.488179	1.01562	0.107918	2.296755	0.206443
CISD2	2.879371	3.533675	3.900374	2.932583	3.991163	4.61662	4.499631	3.206716	2.843896
SLC40A1	3.419926	3.675657	3.124756	3.741943	3.610908	3.399085	1.955107	4.090547	1.492266
DUOX1	1.394271	0.335501	0.556628	0.63312	0.167196	0.836261	0.443437	0.282073	0.729895
PLCG1	5.035914	4.349484	4.310919	3.325437	4.915679	5.224655	4.154591	4.566041	4.557808
FBXW7	2.625318	3.131096	2.825314	2.339496	3.382342	3.389011	5.010398	1.907387	3.982756
YY1AP1	4.506236	4.493327	4.410294	4.170037	4.15026	4.076463	3.827027	3.7573	3.65268
SLC1A5	3.920729	3.583613	3.427066	2.157933	2.249107	3.298615	1.063949	3.010025	2.584481
BNIP3	2.716344	4.33417	3.872929	4.927495	4.011519	4.274295	6.115158	2.988567	3.15151
GPT2	5.638526	3.535053	5.605483	4.625956	4.395014	4.610397	4.219024	4.068624	5.180456
SESN2	4.019383	4.089575	2.781867	2.193773	2.861017	3.265732	2.753095	3.010751	2.134234
SLC2A3	3.207378	4.12795	3.12019	2.037411	2.983937	2.572853	3.752431	3.36471	2.123115
BACH1	3.176697	3.552006	3.005918	1.560009	2.426743	2.550069	0.995468	3.324413	1.406412
OTUB1	5.568273	3.685687	4.431733	5.287322	5.015433	5.027678	6.92816	5.041798	4.060487
G6PD	5.684802	3.969278	4.46378	3.122497	3.477215	4.613264	3.806156	4.210204	2.885938
HERPUD1	6.105913	5.463761	4.801331	5.262303	4.783712	4.300216	4.764192	4.410339	4.970524
TP63	1.131287	-0.01339	0.022655	0.004794	0.704263	0.082791	0.031469	0.057456	0.022655
CA9	-0.08914	2.381379	0.173728	0.024943	1.040836	0.856853	0.225112	0.714649	1.036562
SLC2A6	2.867356	1.828328	2.813248	2.193333	2.334534	2.608714	3.773789	3.382075	2.238655
IL18	3.914666	3.261123	3.321613	2.911915	3.690844	2.918719	1.638918	5.154641	3.858824
LINC0047	0.609318	0.188185	1.60839	1.455556	1.297087	0.640973	0.743104	1.211849	0.97972
CHAC1	3.95056	2.885298	1.818749	0.893698	2.428254	2.644635	3.037861	1.684647	2.085868

FTL	9.777629	12.10572	11.19843	11.0085	10.60146	10.15174	10.81138	11.47595	11.09578
ATP6V1G	4.026336	4.187578	5.146368	6.933568	5.143227	5.426427	8.058365	3.425667	6.339176
CISD1	3.871489	3.902897	4.53978	5.098106	3.646772	3.67123	6.247438	4.244441	2.60228
HELLS	2.448541	0.509413	1.016663	0.638147	0.502621	2.121962	0.271817	1.021202	0.619647
SLC2A12	0.909846	1.253319	0.390377	0.484822	0.399236	0.939989	1.577695	0.957764	1.102898
ALB	2.807061	0.993003	0.208289	1.232131	0.912129	0.474269	0.962434	0.197818	1.824433
GABPB1	2.633384	2.585945	2.152628	1.549703	2.129609	2.217647	1.228751	2.075939	1.169875
FH	5.801989	4.697112	3.508576	4.819703	5.165027	4.045097	6.138007	5.475699	3.853354
ATG3	5.444779	3.815137	5.225105	4.433036	4.3386	2.358496	4.720829	4.334935	2.386958
CASP5	0.993009	0.23029	0.528524	-0.02366	0.054728	-0.01463	-0.04197	0.408411	0.157825
GDF15	4.295323	2.940678	2.933573	1.921663	2.637462	3.47444	0.7834	4.106134	0.963057
PRDX1	8.266066	7.673173	7.280173	7.267823	9.276685	8.179999	8.195855	8.325135	8.765478
YWHAE	7.226297	6.89726	7.274143	8.483959	8.57392	8.3121	8.784773	8.344188	8.469866
ASNS	5.829078	4.889676	3.437323	3.949458	5.37766	4.464215	5.546756	3.319449	4.944845
TNFAIP3	1.941937	3.275331	3.039216	1.045325	1.660628	1.50698	0.927808	2.642705	0.867039
HRAS	6.800598	4.229606	13.02169	6.163208	5.833379	5.221608	6.842638	5.73614	6.907
HAMP	4.689221	2.767582	2.903907	0.171139	2.772488	2.646547	1.537428	5.477171	0.984012
MAFG	3.400346	3.830808	3.176763	2.710509	3.212299	3.311942	3.423984	3.001915	1.389846
AKR1C2	0.162627	0.572573	0.259135	2.503391	1.692866	0.829773	2.951554	0.579179	0.807905
MT3	8.38674	8.663036	9.218738	11.53736	9.783701	8.628181	10.94623	10.41476	12.18798
PRKAA1	3.183466	3.453142	3.355331	1.876459	3.014925	2.700437	2.31403	3.566409	2.574882
ELAVL1	5.459602	3.788487	4.130113	2.575868	3.289612	3.86076	2.001161	4.322763	2.320454
PROM2	1.481903	0.119143	0.581253	0.212456	0.869475	1.09225	0.933603	-0.12909	1.407633
CHMP5	4.142883	5.683369	7.069229	5.513096	6.60371	5.705906	6.338474	6.026117	5.64794
MAPK9	2.190216	3.621348	3.350394	3.241108	3.073926	2.66895	5.11121	3.167812	2.945581
CASP1	2.911	3.637719	4.035325	2.165135	4.03336	1.789695	1.769574	4.201557	1.779671
EIF2AK4	3.801645	3.569317	2.931296	2.524329	3.695124	3.67014	3.509473	3.713096	4.332474
GOT1	3.281807	4.100916	3.513386	4.866251	4.357654	4.304411	7.672604	3.95109	4.58391
MAP1LC3	5.880612	4.322782	5.501027	5.854223	6.068657	4.83686	7.281437	5.186992	7.223096
ENPP2	0.982078	4.527406	3.861975	3.207898	2.820755	2.471426	5.763277	2.099327	2.679314
ACSF2	3.174681	2.893916	3.042218	3.324745	4.883081	3.249917	3.121687	3.85671	4.431356
ANO6	3.623635	3.947695	4.164694	2.134523	2.936333	3.032638	1.308182	3.954188	2.068737
IREB2	2.864855	2.776504	2.800583	1.909637	2.386084	2.215094	1.94026	2.593287	1.30736
ACVR1B	2.018574	2.822787	3.493136	2.240423	2.404987	3.28786	4.05898	3.208832	3.207116
SRXN1	3.085707	2.782775	2.697711	2.713678	2.189186	1.166103	2.413007	2.870804	1.035807
TAZ	3.683326	3.180821	3.581112	3.561247	4.634709	3.900461	3.21281	3.761736	4.994066
GPX4	10.57618	7.816787	6.717408	7.806442	7.365131	7.150339	7.871773	7.670619	8.668231
PRKAA2	1.503352	1.543394	1.385855	0.701805	0.808366	1.044479	1.543394	0.756077	1.225327
KEAP1	7.79749	4.697697	4.665982	5.71394	6.237345	4.002175	5.243423	4.669607	5.672839
PLIN4	1.389896	0.481922	0.459827	0.608031	0.823466	0.459827	0.587739	0.356135	0.481922
SCAF11	2.973354	3.44812	4.126661	2.63236	3.562535	3.228844	2.921135	3.546667	3.327736
CDKN2A	8.188045	1.101458	4.007501	4.537918	1.364947	0.231577	1.624185	1.859616	4.21642
ABCC1	4.113555	2.215339	2.189309	1.175411	1.783267	1.792755	1.15585	2.172495	1.718347
PML	4.596875	3.724876	3.319397	2.815441	2.392812	3.183882	1.859737	3.535058	2.812785
CDKN1A	4.203541	6.490399	5.840826	5.550525	5.400369	4.433169	3.690057	6.814163	3.351996
IL6	2.064463	3.105643	2.743328	-0.13824	0.583297	0.643141	0.374955	0.938908	-0.03417
PYCARD	4.458341	3.311718	3.592468	2.970388	4.625831	2.763026	2.472652	5.254853	4.480461

ALOX15B	0.115543	2.352172	-0.08268	2.512776	2.566241	-0.05273	0.314236	-0.05273	3.449925
HMOX1	4.430212	5.88974	5.235242	4.684015	3.40378	2.962711	3.222909	4.583231	3.505027
GSDMB	1.740497	1.528252	1.918446	1.826393	2.131562	2.958136	1.4975	0.823749	2.950735
ULK1	3.823638	2.918961	2.718785	3.102703	3.25577	3.373957	3.521394	2.695825	2.708385
JDP2	2.623901	3.938369	4.125624	2.493901	3.44226	3.352662	3.455169	1.887984	1.75197
TXNIP	3.114565	5.528014	5.677999	6.289988	5.639713	4.733526	4.860839	4.739483	5.230146
ALOX5	3.196328	3.619991	3.481663	2.216429	2.820652	2.430243	1.930534	4.854726	3.380676
FADS2	4.525423	5.0667	6.939744	5.78719	6.599848	6.091302	4.223845	5.669565	4.989062
ATF3	4.279044	5.657218	4.467815	1.821574	3.697286	2.117179	2.739595	2.363533	1.531828
ZNF419	2.168018	2.246247	1.987297	1.173139	2.661313	2.539894	2.051299	1.714273	2.881583
ARRDC3	2.757653	4.730232	3.472019	2.752085	2.759043	3.86381	3.003712	3.413424	1.754617
GSDMA	0.509149	0.834426	-0.02807	0.155657	-0.02807	-0.06362	0.006458	0.399736	0.114884
PEBP1	7.243942	7.941261	8.431324	9.074219	8.31472	8.427931	9.914868	8.702731	9.158633
DNAJB6	5.405224	4.895136	4.386187	3.614697	4.765381	4.012662	5.203306	3.726037	3.189936
HILPDA	3.26777	5.257337	2.542521	2.185971	2.767865	2.864565	2.389097	2.172044	1.5585
GCH1	1.423787	0.86368	2.460141	0.662324	1.848237	0.998423	1.038591	1.227988	1.252288
EIF2S1	5.428604	3.742509	5.032588	3.898344	3.733372	3.372977	3.697165	3.936003	1.348295
STEAP3	4.227411	4.943204	4.025547	0.380263	2.425214	2.140213	0.915616	4.2657	2.102883
ATG16L1	4.036836	2.733677	2.646266	2.134335	2.469274	2.828262	3.301221	3.199829	1.6084
OXSRI	3.538742	3.301793	3.02956	2.275893	2.867633	2.832944	2.465245	2.776217	2.057054
ALOXE3	0.403108	0.088814	0.003009	0.158083	0.306592	0.146793	0.501564	0.135403	0.772675
NLRP6	0.701978	0.110144	0.021991	0.341362	0.120722	0.010502	-0.03658	-0.03658	-0.0011
IL33	4.948905	3.98252	5.722533	2.728797	5.276247	2.054995	2.151477	4.85693	1.981465
AKR1C3	1.817962	2.316766	1.514635	5.640238	2.522449	2.812388	2.779778	2.694719	2.48526
TLR4	2.356695	2.546773	3.328486	1.881818	2.662595	1.976726	2.070672	3.384688	0.791486
SIRT1	2.127385	2.72067	3.315779	2.746637	2.461487	2.820362	2.290993	1.559567	2.483905
HSD17B1	3.183346	4.118174	4.951256	3.506378	3.905775	5.367096	4.368891	4.532675	4.24947
GABARA1	5.211597	5.151788	7.517192	8.022477	8.257804	6.476908	8.376045	6.628082	5.736019
SLC2A14	0.405571	0.177354	0.01574	0.036928	0.050751	-0.02085	-0.05137	0.135261	0.043869
SOCS1	2.035813	2.262121	2.075504	1.138495	2.529132	1.228578	0.343448	2.032457	1.377936
ATM	2.778125	2.974115	3.735063	1.915694	2.045541	2.808965	2.369361	2.691144	1.660098
STMN1	6.186822	5.897926	5.774733	6.28884	6.645749	7.188159	8.874194	4.319383	6.783546
NOX5	0.244796	-0.0739	0.040049	-0.05917	0.053701	0.040049	0.040049	-0.0739	-0.01584
PTGS2	0.975946	4.170471	1.67565	0.144087	2.125739	0.087891	1.654453	0.106911	0.206552
MTDH	4.529975	4.58549	4.078812	2.886598	3.464305	2.688057	3.25711	3.738749	1.065512
MAPK3	5.769198	4.957885	5.155033	5.551839	5.065998	5.159376	7.664087	5.53749	4.111328
BAP1	7.338712	4.36895	4.211994	4.810811	5.139472	5.222083	5.48456	5.201259	4.911689
AGPAT3	4.60166	4.266501	4.729978	3.689656	3.588559	3.980359	4.033318	4.818778	3.434222
TXNRD1	4.319553	4.875926	4.71646	3.956837	3.145351	4.189874	3.530948	4.472247	1.985133
HIC1	2.361982	1.105323	1.096853	0.561353	1.398458	1.309883	0.730242	2.319631	1.483823
ZFP36	5.475667	9.010449	8.46562	4.082415	6.202058	4.839514	4.789999	4.498524	3.89344
HNF4A	0.33621	-0.04249	-0.04249	-0.01751	-0.04249	-0.04249	0.208437	-0.04249	0.031035
JUN	8.186413	7.606918	7.665668	5.24276	7.984313	5.994034	5.928827	6.526808	4.552877
BECN1	4.440262	4.264089	4.107684	3.947725	4.767359	2.979121	4.505321	3.598425	2.46666
STAT3	5.33772	5.790103	5.832491	3.21533	4.369988	4.639445	2.807042	4.274706	3.410851
TUBE1	1.645762	2.236691	3.457553	1.57008	3.038958	3.162158	2.138417	2.365712	3.001784
DDIT3	5.285441	5.504796	6.607291	5.528425	5.597883	6.213892	5.42592	5.285853	4.861238

TRIB3	4.426931	3.384125	3.408905	2.500215	2.000597	3.324589	1.418199	1.422853	0.868787
DRD5	0.306516	0.014529	0.014529	0.193809	0.25746	-0.03005	0.97724	-0.03005	0.099928
TP53	5.662843	3.69863	3.865644	2.798417	3.545907	4.498926	1.365409	4.206889	3.132375
NOX1	0.395521	0.287647	0.245019	0.531791	0.342592	0.315381	0.342592	0.342592	0.287647
FLT3	-0.00368	0.010045	0.127941	0.53029	0.39111	0.639613	0.699702	0.201431	0.201431
NLRP1	4.645729	6.039068	5.914652	6.700843	7.133483	6.281216	6.874122	6.165173	5.895502
GCLC	1.819884	3.730332	3.415481	3.702374	2.887836	2.403233	3.667441	3.044085	2.152897
ARNTL	3.805201	2.279179	8.315285	1.869485	3.658716	1.998246	2.816619	2.993106	2.85129
LURAP1L	1.753002	2.392009	0.423651	0.93217	1.742207	1.770814	1.565523	1.204351	0.85345
SAT1	8.273148	8.377927	7.086977	6.803704	7.638676	7.025137	6.668069	9.31476	7.66233
ANGPTL7	0.381512	0.121044	-0.02556	-0.02556	-0.02556	0.263531	0.022631	0.003635	0.32081
CASP4	2.478409	3.664993	3.535299	1.474154	2.800275	2.272262	0.937081	3.639226	1.581122
LPCAT3	2.571416	3.065749	2.667145	1.927217	2.694135	2.447849	1.536701	2.983725	3.528785
PRDX6	5.752141	7.43036	6.317121	6.509404	8.431571	6.38423	6.951415	7.507857	6.08287
DPP4	4.063739	0.945533	0.415462	0.113314	0.305964	0.088681	0.503581	1.582379	0.071938
MYB	0.884708	0.154346	-0.05612	0.02178	0.031137	0.294699	-0.09726	-0.00678	0.02178
IDH1	3.264987	4.718333	4.813464	3.444075	4.615188	5.228629	2.96442	5.217053	2.955947
GABARAI	3.225512	5.000024	4.518865	5.760196	5.303636	5.326896	7.86915	4.711137	5.516628
DUOX2	0.500889	-0.03583	-0.04867	-0.06163	0.00193	0.038631	-0.04867	-0.02312	-0.01054
RPL8	11.95824	9.505753	7.621749	10.45931	9.403949	11.64539	8.747994	9.634679	9.450906
RELA	5.145524	4.435839	5.058345	3.679929	3.958055	4.367848	2.765236	4.104068	3.896418
IL1B	2.81138	4.21867	6.71988	-0.0106	3.603578	0.763458	2.231874	2.129669	-0.1892
HSPB1	10.25645	7.609437	7.589714	6.456751	8.867507	7.010187	6.992449	9.025426	7.099026
SRC	3.573723	2.740831	3.318204	2.460608	2.775651	2.161098	2.543241	3.383705	2.357896
MTOR	4.071232	2.393388	2.956073	1.974595	3.358659	3.610372	3.189772	3.535331	3.457482
NOD1	2.277464	1.997202	1.863583	0.674642	1.788488	1.705849	0.804481	1.796744	1.699952
ALOX15	0.274879	0.006662	0.006662	0.006662	0.113132	0.131381	-0.00357	-0.02435	0.026841
NOS2	3.52777	0.564086	0.228529	0.645907	0.628122	0.619146	0.976175	0.467366	0.130825
SCP2	5.237092	5.207405	6.505262	4.385613	6.552461	5.966531	4.938895	6.2874	6.114049
VEGFA	2.693866	7.421076	3.977442	1.709141	2.666799	3.337503	1.54796	3.893828	2.507147
MUC1	3.694611	3.32703	2.365295	2.31465	4.488248	1.902459	0.586046	3.238597	3.916983
TSC22D3	4.129383	5.707566	4.305261	6.602905	4.760487	5.062171	5.948593	3.728324	4.816125
TNF	1.363387	1.001891	2.553714	0.733196	2.530207	0.644154	2.15892	0.517825	0.077465
EPAS1	5.281131	7.13643	4.638135	5.130715	5.182616	5.187992	3.827707	5.38214	4.284902
DRD4	3.067265	0.782202	4.791202	1.968182	2.008707	0.740255	0.740255	2.0354	4.521382
PHKG2	3.733087	1.592338	2.676264	2.88334	3.416598	3.268497	3.546586	3.142356	3.537388
FANCD2	3.201834	0.604511	1.37917	0.518053	1.49501	2.46155	0.311871	1.3932	0.992414
NOD2	1.313724	0.857318	0.624192	0.078012	0.605614	0.126056	-0.03521	0.877272	0.401497
BID	3.932267	2.8914	4.584637	4.782824	3.427001	3.863811	3.787591	3.5996	3.590106
LAMP2	5.398384	6.611793	6.459518	5.054923	5.527862	5.26642	6.125302	5.517327	4.178952
NLRC4	1.455061	1.508295	0.751128	0.176881	0.585692	0.165968	0.617334	0.7652	0.826752
DUSP1	5.401425	9.080945	6.396037	4.917556	7.841088	4.776093	6.161845	4.304585	1.864163
PSAT1	5.629027	5.14469	7.587876	6.657813	7.680971	7.206061	6.273662	4.824967	6.747653
ALOX12B	0.484979	-0.03661	-0.03661	0.265256	0.28994	-0.00655	0.568756	0.135427	0.32623
ATG7	3.518475	2.919589	3.11902	2.378232	2.554668	2.340783	2.984742	3.342226	2.245201
NCF2	1.505416	2.735487	2.341445	1.86485	2.616107	1.157225	1.446253	2.407016	2.050311
WIPI1	3.015917	4.108896	2.292583	2.187823	2.486967	2.83943	2.430641	3.622143	2.466771

MAP3K5	1.928989	3.417659	1.6123	3.778335	4.785093	3.503704	3.670435	4.103155	3.262689
CXCL2	1.567785	3.4035	2.03813	2.129083	3.652035	1.345222	1.977425	2.040603	1.827294
SLC7A11	2.038831	2.792955	2.044452	2.860976	4.265303	1.846141	2.616594	3.155662	1.349825
NRAS	4.745733	3.9973	3.993708	2.599408	3.429982	3.51885	2.692786	3.655295	1.94022
FTH1	8.238768	10.83965	9.3356	10.44016	9.425776	8.632161	10.00517	9.402264	7.605191
CDO1	2.669732	3.662424	2.776753	4.57939	7.24527	4.13242	4.534559	4.192553	4.480034
CYBB	3.292206	4.575596	4.533198	2.893173	4.092451	2.599927	2.527079	4.8401	2.411306
SCD	4.882679	6.359586	7.354836	7.180138	5.686497	6.709063	7.384951	6.871514	5.762317
CBS	4.731149	2.197079	4.376973	3.506858	2.852677	3.491247	2.697211	2.353038	4.16131
MAPK8	2.64969	2.627203	2.993458	2.223179	2.272416	2.941182	3.179455	1.774916	2.318539
TFR2	2.634347	1.852983	0.649902	1.005123	0.470815	1.681603	1.711217	0.713849	0.699905
KRAS	1.500503	2.782449	2.870153	2.121996	2.441046	2.686284	3.105438	2.069808	2.64228
NFS1	3.781681	3.077896	2.61631	4.34478	4.414703	4.241965	4.616652	4.063952	4.541786
MAPK14	3.225204	2.930389	2.521078	2.444276	3.05688	2.861497	2.809293	3.253054	1.374059
VLDLR	1.090082	2.443034	1.787524	1.642652	1.348524	2.377234	2.151919	0.410581	0.477948
TGFBR1	2.634856	2.963263	4.210816	1.938417	3.555273	3.231426	2.19707	4.738897	2.496405
TIRAP	2.273758	2.004891	1.845483	0.861031	1.219421	1.654026	1.052551	1.485022	0.772651
ULK2	2.001006	3.366926	3.831195	2.764409	2.775581	2.976832	3.334916	2.34755	2.655331
HBA1	5.654958	3.753617	1.262389	4.331855	4.19481	4.7484	3.880631	3.361558	5.450658
CHMP6	3.762188	3.456576	3.587605	4.070253	4.36286	4.132981	3.907989	4.252608	2.105282
AURKA	2.563856	1.532497	0.947727	0.704311	0.942297	2.140536	0.931369	1.875461	0.552309
WIPI2	6.743016	4.457212	4.051057	3.802307	4.475123	3.715164	4.374375	5.007881	2.312645
CAV1	2.001885	5.790118	1.314217	2.621426	2.78317	2.866003	1.984443	4.144707	1.114577
NFE2L2	4.522825	5.325644	5.642179	4.074564	5.104715	4.838735	3.817285	5.175633	2.801592
ATG13	5.908993	4.450599	3.570357	4.250806	4.231421	4.036241	4.726531	3.969326	2.980562
MAPK1	4.959023	3.939745	5.180346	2.906477	2.704832	3.288836	4.217818	3.670102	2.394015
SLC2A1	4.555342	4.538738	4.759193	4.66535	4.82176	4.726915	4.265041	4.658352	4.091251
LONP1	7.124493	5.230711	4.382705	5.168049	5.111254	5.151028	5.240631	5.139077	5.009795
TF	1.494389	6.981568	5.737761	6.322791	5.416039	3.645837	8.052205	4.172263	4.721833
EGFR	4.080808	6.731159	3.746381	4.091514	6.602981	2.766276	1.691934	3.122118	5.157014
CEBPG	4.431977	4.406426	4.348486	2.797468	4.286853	4.383445	2.922451	3.473539	3.340587
DDIT4	3.714024	5.830058	4.739568	6.601691	3.912123	6.475172	5.43593	2.667066	5.156802
PIK3CA	2.914924	2.868342	2.433011	1.578199	1.288138	1.271552	1.466388	1.611143	0.852979
RIPK1	3.53401	3.553936	3.547672	2.067173	3.065914	3.401547	1.775284	3.72862	2.402138
PLIN2	3.915072	4.032767	1.966586	2.707325	3.598873	3.055691	2.481086	2.89139	3.025665
GSDMD	4.780317	3.404743	3.170336	3.65596	5.815472	3.297535	2.573805	5.187545	3.444974
NLRP2	1.20528	0.445051	-0.00184	0.115674	0.138027	1.667909	1.725511	0.453906	-0.17122
CS	4.517701	4.787044	4.777553	3.942236	3.998449	5.193038	4.478998	4.432494	2.688023
EMC2	4.198931	4.700665	4.446741	5.320084	4.978749	4.119835	5.140909	4.624663	3.817969
NCOA4	3.841773	5.032906	5.749895	5.639158	4.621588	4.174859	4.963483	4.981067	4.192467
ELANE	0.457406	1.159283	-0.075	0.052215	0.156026	-0.075	0.539197	-0.075	-0.075
AKR1C1	0.598899	1.295384	1.47348	4.311751	1.192322	1.652644	3.203844	1.013801	0.801525
ATG4D	4.665228	3.07526	2.786492	3.213387	3.640459	3.196233	3.925477	3.060248	2.901897
CD44	7.750634	7.534424	9.612902	2.910911	5.308891	3.82873	1.842862	5.964914	4.545604
AIFM2	3.089807	2.2622	2.300637	1.93528	1.732611	2.447247	1.7802	2.251026	1.623713
KLHL24	3.906751	3.229444	2.708764	2.569797	2.416266	2.270412	2.039215	2.114125	2.746583
HMGB1	5.786519	6.663565	7.439024	6.334165	7.061326	6.643357	5.19744	6.063694	6.704254

PANX1	3.065377	3.148433	3.247915	1.389402	1.745703	2.644586	2.370139	2.412133	0.788909
ALOX12	1.089738	0.208873	0.303272	0.453177	0.818754	0.550302	0.325809	0.325809	0.941095
PRKACA	5.934492	4.827718	4.667035	2.841451	3.407575	4.503593	4.314003	5.021679	4.675501
RB1	2.293338	4.172869	4.73055	2.476893	4.091871	3.486027	2.502451	4.38574	3.057208
RGS4	3.785461	4.064435	2.252336	2.550398	3.007994	1.249491	5.731762	5.408913	2.838491
CASP6	2.277921	2.444374	1.098084	1.490677	2.735482	2.729664	0.688917	2.653412	1.449563
TFAP2C	0.756722	0.297499	0.062481	0.120706	0.009654	0.152483	0.492341	0.492341	1.061726
PGD	6.529765	4.844529	5.828411	4.70266	4.902098	6.644737	4.880778	5.907888	4.123074
CAPG	7.513975	6.197409	5.390792	5.054923	6.551496	3.810691	5.375292	6.721303	6.229997
HSPA5	6.725372	7.900069	7.005527	5.381946	6.621089	6.840061	5.725556	7.31247	4.571086
SLC7A5	5.972536	4.960519	5.918905	4.529724	5.565159	6.356169	4.219457	5.649057	5.088028
EGLN2	5.210186	3.614541	3.479033	2.952744	4.285307	3.573489	4.846749	4.228785	4.066466
SP1	3.327024	3.374058	3.38745	1.513328	2.259071	2.748737	1.132399	3.250188	2.292615
NF2	3.787189	3.121409	2.986173	2.749124	2.127457	3.284693	3.273886	3.323529	3.074174
GSDMC	0.686612	0.235322	0.448254	0.346168	1.250821	-0.14293	0.3811	0.423478	0.081892
NGB	0.253447	0.625728	0.391434	2.132552	0.75022	1.445551	5.342522	0.13808	1.047949
RRM2	4.211914	1.519173	1.560172	0.256737	1.034412	2.626871	-0.2075	2.598459	0.119703
NNMT	6.036505	5.781487	4.444265	1.93737	4.196089	3.357398	1.933754	1.971183	2.01763
SLC3A2	6.761319	6.255356	7.097186	6.804661	7.545109	6.640392	5.778322	6.843946	5.915332
SLC2A8	3.924683	3.266708	4.04883	3.331803	3.714195	4.3692	3.889294	3.867972	2.75711
ACSL3	3.814286	4.315752	5.088366	4.869021	4.791573	5.419951	5.209199	6.175565	2.969597
BRD4	5.539067	3.652817	3.470419	2.247182	2.451226	3.497806	2.051444	2.539443	3.048142
CASP9	3.3414	2.028987	3.253624	2.464352	2.989688	2.824636	2.704341	2.978107	3.589441
TFRC	6.064883	4.113196	4.579687	2.513178	5.021212	4.300863	3.224355	4.575062	1.628107
SLC1A4	5.357111	3.494811	4.480591	4.169205	2.93787	4.897577	4.311208	3.716908	3.713137
SLC38A1	3.513892	2.799442	4.44784	3.879364	2.32897	4.421027	3.673583	2.409542	2.277799
SETD1B	2.857871	1.726891	1.744561	1.094775	1.564364	2.054631	1.030484	1.717989	1.84292

CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_13	CGGA_14	CGGA_14	CGGA_23	CGGA_26	CGGA_27
0.698298	0.289836	0.823011	0.153817	0.862006	1.699601	0.817341	0.580722	1.340984	0.992267
1.625295	1.242621	1.737039	0.272129	1.651669	2.657851	1.977579	0.595057	2.653217	1.535811
5.749332	7.393188	4.457299	6.185477	5.376374	6.045245	6.096504	6.046104	6.206651	4.461101
2.545338	6.398194	5.523733	4.432306	3.563731	3.490539	3.498654	4.008369	7.357865	3.554367
0.81131	1.096575	0.652236	2.028727	1.705215	0.333282	0.858463	1.199176	0.198032	1.106234
5.515304	5.295946	7.762932	6.78737	5.393975	7.205169	7.015896	6.286623	6.269917	6.750947
5.143158	5.567402	7.081418	5.75403	4.585429	6.153904	6.931717	5.639079	7.302184	5.793775
0.822272	2.71406	0.124256	2.325368	1.53286	0.860116	1.648566	1.93154	0.351566	1.085956
-0.00328	-0.00328	-0.00328	0.058638	-0.00328	0.050045	-0.00328	0.083942	-0.00328	0.42683
3.35163	5.305731	6.512536	6.244899	5.134106	3.174329	5.478295	6.50186	4.997228	5.195344
3.97418	3.602178	4.405581	3.48539	4.37665	4.194554	4.144482	4.795401	4.209375	3.957837
2.72143	3.921396	3.739553	5.436515	3.335168	2.681456	3.735496	3.395197	3.113268	3.222266
1.651159	1.568374	3.125512	1.388554	1.872989	2.685334	3.263074	2.23807	2.736447	1.489547
3.638144	4.024449	4.681788	3.585784	2.555988	3.503711	6.251235	3.047509	6.674199	2.948537
4.381982	4.069427	5.615368	3.782295	4.669405	4.844779	4.541656	5.378382	5.523701	4.116392
4.370484	2.33025	4.867478	3.474861	2.56534	3.565362	3.228037	3.13367	2.451698	2.945865
1.901689	0.848491	2.268782	0.821087	1.41038	2.528795	2.02577	-0.02923	1.705867	0.485303
7.563271	8.058826	8.918156	8.542942	7.796063	9.150219	8.363959	7.319189	8.878371	7.322467
4.132068	3.590486	4.355545	3.63982	4.84173	3.692505	3.227471	5.851219	4.765281	4.477063
4.261207	3.30283	4.65104	4.593598	4.863363	3.522578	3.961257	3.895792	2.831233	3.998817
3.236002	2.787958	3.328759	1.195064	3.531688	2.918159	2.677545	3.195666	3.679188	2.941323
3.366675	3.746838	2.573567	3.570935	3.937297	4.471821	2.951228	3.193978	3.940933	3.276619
3.56988	3.096175	3.581344	3.507091	3.732569	2.205977	3.034927	2.720888	2.705353	2.751595
0.13561	0.180374	1.882523	0.453797	0.46767	0.585722	0.882417	0.089091	0.389281	0.389281
3.412397	3.95528	4.417812	3.443327	3.412397	2.822767	3.897727	2.904085	3.102112	3.672344
4.831413	2.108034	3.034084	3.737752	3.4182	3.441335	5.246615	3.265732	4.831073	2.26552
0.411285	0.282073	0.352776	2.790182	0.723689	0.466978	0.836261	0.666286	0.585031	1.415001
5.382312	3.564148	4.747529	4.609734	4.695659	5.705039	4.065939	4.463142	3.742417	4.210202
3.209748	4.66949	1.584268	1.963358	3.543267	2.385859	3.863056	3.946996	1.912322	2.776532
4.16159	3.863867	4.669745	4.991493	4.448764	3.992395	4.108241	4.620722	3.985509	4.373902
2.842455	0.494972	2.681589	3.597812	3.226206	3.212755	2.658365	0.910009	4.283037	1.732391
4.681624	5.303485	6.197011	4.714511	4.695035	3.309164	4.992929	5.222547	3.971526	4.604602
5.808651	4.985559	4.664811	5.234608	5.036582	5.1633	4.271447	4.890791	4.199123	4.82975
2.245022	2.543301	3.843728	1.924381	1.98957	3.270077	2.885826	2.674148	3.485797	1.796557
2.542057	3.82318	4.587505	2.666904	2.782416	1.338632	3.921927	2.52007	3.256727	1.805089
2.4248	1.051245	3.767455	2.741468	2.542858	2.963363	2.622175	2.291056	2.714089	2.3914
4.954128	6.049471	5.069211	4.734449	5.294414	4.231354	5.992006	5.671395	3.758164	5.066035
3.655666	3.495394	4.880013	2.25261	3.360624	3.964006	5.358018	3.59341	5.32728	3.787872
4.674449	3.804143	4.378412	4.706423	4.593185	5.349888	4.503557	4.545437	5.415594	4.195121
1.279228	-0.03191	-0.00426	-0.06033	1.301906	0.004794	0.131629	-0.09953	0.437702	0.401872
-0.06758	0.024943	3.064834	0.233467	0.396766	0.1911	1.592728	0.216698	-0.12222	0.274398
2.004943	3.244936	4.090106	2.729536	2.573126	2.463942	3.345008	2.927844	3.001741	2.33753
4.301969	1.587421	4.199554	2.85635	2.616093	4.794107	4.409081	0.919111	3.922378	1.941874
1.352116	0.960368	0.998783	0.671865	0.257497	2.320751	0.748866	0.743104	0.97972	0.634704
1.942252	2.725845	1.130294	2.434045	0.976606	1.143544	1.353153	1.381738	1.608127	0.687124

9.888939	9.80922	11.95711	10.45544	9.921803	10.81531	13.93997	9.006274	12.63736	10.07
4.720648	7.699279	3.636246	7.18356	5.832858	2.711757	6.088643	6.935663	5.106246	5.744623
2.803291	5.735215	5.317737	5.064879	3.889369	2.04237	4.620563	5.093178	3.12217	3.595097
1.559975	0.134019	1.293513	0.956124	1.595105	0.771699	0.068703	0.600874	0.078241	1.052535
0.897601	1.625644	0.158644	0.179515	0.678066	0.372487	1.327297	0.685259	1.783048	1.026653
0.239254	0.08869	0.019009	-0.05422	0.208289	0.638059	0.448011	0.337909	0.18727	1.769049
2.097639	1.116907	2.649861	2.432165	2.227555	1.571291	1.495943	1.97654	1.307472	1.92908
5.045806	4.850671	4.73511	4.973005	4.327858	4.387156	4.591896	4.916042	4.090478	4.737939
4.199887	3.052568	4.909128	2.895792	4.262926	2.917181	4.613322	4.2824	3.930862	5.148103
0.44267	-0.08933	1.084068	-0.08933	0.07951	0.26459	0.329754	-0.08933	-0.08933	-0.03277
0.051794	0.411774	3.101526	1.057001	0.051794	3.618097	2.837489	0.040832	3.234313	0.281331
8.350442	6.541164	8.093075	8.688519	7.93509	8.186159	8.396008	6.600441	8.781053	7.722538
9.359707	7.756314	8.41301	8.556145	8.866014	6.266222	7.337097	9.721902	8.009544	8.88556
3.959708	4.704785	4.002721	5.137069	4.864869	4.205525	3.475193	4.028443	2.371832	3.212886
1.776124	0.9613	3.606714	1.425669	1.773912	2.666346	2.532515	0.821829	3.441735	1.033648
5.326785	6.123598	6.137722	6.278959	4.043083	4.891769	5.599709	5.613312	5.286286	5.245751
2.40852	0.993779	5.487347	1.348758	0.706096	3.563583	4.505988	0.260086	3.55427	1.280489
3.026344	3.311942	3.432363	3.747368	2.670211	3.08622	4.180437	3.263609	3.763175	3.074379
0.745775	2.399085	-0.16807	0.813407	1.178868	-0.19186	1.315876	1.55874	5.148806	1.304689
8.473573	9.937862	6.999576	8.331921	8.450884	9.90661	8.824367	9.224579	10.69832	8.394758
3.931822	2.340335	3.82007	3.231414	3.712774	3.433574	2.853751	2.463058	3.556745	3.071145
4.49785	2.636551	4.277023	3.007127	4.198634	3.816456	3.2638	3.413903	3.978183	3.207515
0.393266	0.471324	0.119143	0.832621	0.5273	0.5273	0.490217	0.817621	1.206884	0.69186
5.956044	5.451788	6.044555	6.23653	5.373649	4.580695	5.285974	5.40721	4.551134	5.303349
3.95721	4.965831	3.908056	4.446758	3.631762	3.378649	4.263618	4.149937	3.494762	3.682073
2.976782	0.862601	4.528773	2.576598	2.329904	3.752705	3.195937	1.717949	2.934731	1.479696
3.269757	2.753849	3.251463	3.12596	2.766552	3.40768	2.998346	2.427902	2.404126	2.200399
4.365029	6.902606	4.042985	5.608833	4.89508	3.378004	5.98842	5.856154	4.009289	5.01481
5.192021	6.748094	6.437143	6.43954	4.326014	5.116981	6.303381	5.600905	5.393139	5.642511
2.8026	3.160531	3.643704	2.894807	4.966539	1.644211	5.981082	4.114581	3.483744	7.074819
3.431986	2.396503	3.296547	2.852637	3.031242	4.160258	2.986643	2.170909	4.21823	2.65002
3.316309	1.866331	4.536518	2.430639	2.754737	3.190647	3.486429	2.019581	3.928042	1.807338
3.139433	1.990207	3.092302	3.456562	3.897876	2.916521	2.575374	2.386084	2.317079	2.743907
3.484175	4.088077	3.105054	3.717226	4.288908	3.167257	3.687659	3.91294	2.427802	2.51899
1.943236	2.381664	3.134876	3.149598	1.389147	1.943236	2.703053	2.059522	2.87199	1.001295
3.959789	3.049369	3.19896	3.316566	3.856913	5.227459	3.233419	3.338814	3.470122	3.785135
6.084581	7.813598	6.203824	5.335335	6.158744	7.532566	8.70006	7.536612	7.82837	6.932469
1.038247	1.817994	0.808366	2.07272	1.975554	0.733069	1.056863	0.94135	0.987386	0.808366
4.109818	4.474206	4.524764	4.32334	4.782115	4.352464	4.814384	5.352089	5.06475	5.308658
1.185625	0.587739	0.081833	0.110241	1.322786	0.74283	0.379809	0.577489	1.37189	1.526608
3.921079	2.253523	4.172819	3.349262	4.201206	3.265105	3.212663	3.254498	3.251307	3.532574
0.814436	2.583267	0.926806	2.298109	2.830034	5.019049	3.228488	2.114425	3.568867	2.359625
2.917815	1.241843	2.617329	1.933722	2.153033	2.462345	2.507004	1.615072	2.334502	1.684745
2.332201	1.996089	4.127976	2.169525	2.234234	3.122961	3.200895	2.814113	3.377599	2.702988
3.070781	5.93737	6.441657	3.533906	2.915208	4.082384	5.369745	5.711694	7.074249	3.195163
0.250219	0.492476	2.177258	-0.07088	0.125084	-0.17868	1.027728	-0.06158	2.887888	0.381141
3.464655	1.75521	4.789382	2.482411	2.832227	4.745337	5.414533	1.08431	4.233112	3.132526

0.848006	0.102214	0.68406	1.929003	0.337334	0.230499	1.403063	0.314236	0.458427	0.061507
3.279594	2.504456	5.979043	3.003197	3.326603	4.459064	9.204007	3.02296	6.135848	2.951771
1.666042	0.933003	1.081688	1.93558	2.884533	2.696832	0.692519	1.592299	1.023795	1.38754
3.55712	4.023972	2.091309	3.958905	3.346223	3.415492	3.55187	3.580554	2.576484	3.446381
2.813768	2.543284	2.490862	4.105366	3.04123	2.0299	3.369886	2.748486	4.613562	1.894504
5.12526	4.534512	5.450136	5.290689	6.416656	5.180454	5.47906	5.716209	6.77174	6.473979
3.717557	1.798498	4.914419	4.346209	2.687552	4.153305	4.184779	0.677382	4.110327	2.639373
7.835473	5.456838	6.25797	5.909426	6.287044	6.976403	4.887256	6.541357	7.10757	6.839906
0.927925	2.125475	4.438761	1.40992	2.146813	2.905649	2.511423	1.242299	4.952401	3.092377
2.693024	1.531556	2.205265	2.252986	2.722456	2.518818	1.843387	1.517993	1.578222	1.504323
2.451428	1.681306	4.094108	3.893992	3.081972	2.920275	3.817104	3.174016	3.980687	3.857422
0.332434	-0.06362	-0.00494	0.195094	0.195094	0.439964	1.463531	-0.02807	0.341056	0.306192
8.421537	9.035307	8.259735	9.460155	7.986065	7.782664	8.771865	8.794001	9.01154	9.031833
5.656359	4.551517	4.627373	5.410645	4.498264	4.924203	4.347952	5.107416	3.785301	3.958351
3.258189	1.70058	5.161512	2.153916	2.90294	3.115166	2.744798	2.219194	3.289289	2.20171
0.938858	0.699281	1.940481	1.14189	0.8111	1.951933	1.505909	0.113897	1.659937	0.85722
3.855382	3.454108	4.905831	3.617779	4.653737	2.775055	4.543773	4.771983	4.022538	3.363042
3.738422	0.636189	3.768149	2.916649	1.842594	5.607347	1.952839	0.380263	4.323422	1.036157
2.985567	2.558809	2.932273	3.314048	2.900612	2.491513	2.944441	2.89706	2.437685	2.739491
3.115076	2.371164	3.647586	3.077	3.536658	2.832944	2.710638	2.684709	2.479106	2.761312
0.245022	0.632585	0.088814	0.028111	0.180372	0.088814	0.88632	0.191374	-0.02259	0.255489
0.021991	-0.03658	0.010502	-0.01281	0.010502	0.03337	0.010502	-0.01281	0.044643	0.350094
5.069525	2.650123	4.296955	2.698443	4.066921	3.592651	2.897355	3.809824	3.569331	2.494446
2.894208	3.457327	1.855624	2.886005	1.527257	1.234466	3.266763	4.263479	5.040517	3.162071
2.209966	2.514694	2.814431	2.226521	1.716021	3.518136	3.657209	1.307401	3.830301	2.978039
2.30468	2.263314	2.382127	2.90907	3.344021	1.752915	2.060165	3.295112	2.395159	3.477666
3.812801	3.952038	4.897321	4.953364	4.325341	4.231737	4.525588	2.998458	3.426342	3.684972
7.525887	7.501422	5.664354	7.628161	6.454828	6.864554	6.498305	7.524083	6.993765	7.602224
0.057575	-0.04363	0.505218	0.103793	-0.08309	-0.08309	-0.06707	-0.08309	-0.08309	0.473348
0.758661	0.30013	2.015556	0.925481	0.53331	1.876564	1.055664	0.709654	2.052482	0.30013
3.11956	2.590527	2.451371	1.940521	3.280722	3.113602	2.640241	2.485416	2.619475	3.96316
6.881103	7.971583	5.976387	8.074996	8.151861	4.694676	7.327962	7.501739	4.739383	8.032091
0.348728	-0.00167	0.370875	0.291882	0.171262	0.040049	0.040049	-0.01584	0.120151	0.133093
0.197821	1.034914	0.695218	0.0189	1.086937	0.298705	0.616826	0.314741	2.887373	0.450347
3.952095	2.757249	4.825692	3.924647	4.167243	3.869177	4.153405	4.077702	3.516907	4.264979
4.976255	6.884544	5.758142	6.492973	5.887801	4.666158	6.829764	5.809952	5.812906	6.083068
5.13696	5.225933	4.452618	4.427738	5.311134	5.187583	5.094804	5.346312	4.367476	4.688961
4.861453	4.496853	4.722885	3.929482	3.83633	3.723954	4.939136	4.075899	5.27426	4.783371
4.010085	3.331561	4.786917	4.589831	4.399674	3.819749	4.622009	3.941419	5.043487	3.458019
0.841234	1.017722	1.616234	0.499137	0.192181	0.908092	1.818079	0.477637	1.700202	1.088321
3.095963	3.24132	5.784189	2.330722	5.061511	4.485666	5.527351	3.47391	8.242898	3.446391
-0.04249	0.177019	-0.01751	-0.04249	-0.01751	-0.04249	0.066254	-0.04249	-0.04249	0.066254
4.518126	5.305053	7.110532	5.2506	6.510817	5.410431	5.316661	4.526371	6.785182	3.887128
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4.73861	2.976285	5.709427	4.146258	5.079165	5.001236	4.78073	4.004981	5.333832	3.715697
3.600638	1.612775	2.288743	3.216139	4.40748	2.199758	1.563914	2.058075	1.606725	3.245578
3.512723	4.493276	5.663124	4.712335	3.916617	9.124394	4.901865	4.516023	4.236362	4.691344

0.479279	1.306801	3.219098	2.432693	1.408847	2.037449	1.642203	2.677885	1.464069	1.525928
0.18075	1.522933	-0.00019	0.659885	1.030436	-0.03005	0.969485	0.571424	-0.03005	0.466638
3.939121	1.651448	4.107413	1.786278	4.050706	4.129787	3.379303	3.982613	3.328097	3.617879
0.245019	0.245019	0.245019	0.245019	0.38247	0.38247	0.273577	0.245019	0.245019	0.287647
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6.668111	6.352038	6.921179	6.507384	6.412876	8.112423	6.424274	5.560887	6.941107	4.436508
3.899973	3.062447	3.05635	2.625692	4.132597	2.989483	3.704101	4.458915	3.099382	4.541241
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1.459425	1.214854	1.48562	1.177749	0.299819	1.476942	2.287597	1.2962	0.249167	1.742207
6.099295	6.015904	7.896417	6.191854	6.605276	6.270167	8.310694	5.824407	7.854995	5.729317
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2.034938	0.882803	3.567201	1.401002	1.808214	3.008496	3.104208	0.655389	2.585411	1.31019
2.94495	1.490832	3.149783	1.538961	2.755436	3.084311	2.858492	1.978089	2.4774	2.2423
6.881986	6.624418	8.189907	5.586469	5.664783	8.042889	7.074596	5.257077	7.519564	5.771473
0.046324	0.345901	1.686376	0.771612	0.0289	0.650882	1.108036	0.183989	0.160945	0.384402
0.553931	-0.05612	0.19518	0.593576	0.482422	0.02178	0.067783	0.170864	-0.11843	0.663584
4.578966	2.537	5.642995	4.717196	5.084866	4.414152	5.131959	3.774125	3.922225	3.925843
5.239673	7.37122	4.071266	6.837581	6.160244	4.062081	6.492943	6.493421	5.771871	5.52482
-0.06163	-0.04867	-0.04867	0.109069	-0.01054	-0.04867	-0.03583	-0.01054	-0.03583	0.280173
8.033167	7.497877	8.958371	9.797666	9.728024	8.756859	9.27813	9.932561	8.359962	8.480968
4.286395	3.118404	4.80626	3.249874	4.214817	4.72708	4.223535	4.756325	4.510864	4.26103
0.681248	0.707525	4.423446	-0.02922	1.703373	2.021976	1.241023	0.327488	6.086358	1.12003
8.416894	5.97312	8.586348	4.596988	6.77285	10.15761	7.84342	4.866006	7.914548	4.725749
3.461691	2.884724	2.972902	4.954425	3.831163	3.182314	2.848529	4.131498	3.285879	2.858947
3.797048	3.445549	2.52788	3.584415	4.089849	3.806012	3.165572	2.871949	3.041775	2.959436
1.47463	1.252911	2.322181	0.756534	1.188839	2.670385	1.559653	0.850722	1.592165	1.015821
-0.02435	0.026841	0.421871	0.0564	-0.02435	0.209787	0.04664	0.075654	-0.02435	0.103887
0.477335	1.017733	1.17904	0.168244	1.064749	0.105327	0.545254	0.896724	0.591879	0.940603
5.798911	4.023787	5.665525	4.965794	6.391957	5.276174	4.788124	3.901983	5.019764	4.392754
2.91814	2.30137	5.641537	2.283167	3.265295	3.125521	3.108716	3.110407	2.930446	1.816486
3.638293	0.797118	3.235715	1.057325	1.052282	3.951753	2.025145	1.702274	2.319537	0.848959
5.197808	4.849269	2.552015	5.745352	5.237006	4.276621	4.215017	5.599015	5.09427	4.813704
-0.12208	0.334006	1.763939	0.231494	0.288395	1.243094	2.803137	0.109744	3.746672	1.823185
3.395101	5.025066	5.075465	4.074269	3.80827	4.050021	4.482092	5.247003	5.102594	5.356813
1.276862	0.676128	0.86425	1.294242	1.002271	0.403773	1.605409	0.697668	1.44597	1.81434
3.515809	2.625738	3.165238	3.310426	2.411729	3.957322	3.328678	2.891082	3.372982	2.756478
2.340045	0.625228	1.617533	1.805854	1.839576	0.854687	0.937515	1.412584	1.01899	1.370676
0.408908	-0.04607	1.781338	0.153961	0.107075	1.055798	1.47257	-0.03521	0.872315	0.63032
2.478605	3.236558	6.284167	4.002083	3.764356	3.643577	4.311131	5.283827	3.512344	4.219406
5.582932	4.609884	6.44156	4.177057	5.754695	6.291077	6.707354	5.554217	6.101777	7.957288
0.923432	0.165968	1.504274	0.655862	0.820051	0.648245	1.496197	0.330708	0.87274	0.7652
3.206757	4.0723	6.219185	4.073665	5.296382	2.973872	5.174229	4.015231	7.984675	3.624318
7.962442	6.36086	5.242734	5.298389	7.274783	7.334257	5.87546	6.388513	6.262111	7.218205
-0.03661	0.495707	-0.03661	0.008259	0.676884	0.066097	0.338137	0.277648	0.080219	0.201729
3.090269	2.74151	3.491078	2.493849	2.726541	2.941285	3.521329	2.76611	2.984742	2.685825
2.596934	0.789888	4.121272	2.203129	1.5022	3.071845	3.409509	1.186342	2.71172	1.659672
2.400181	2.228311	3.666755	1.384826	2.425395	2.777077	3.286023	2.077173	2.987435	2.565888

3.806499	4.05739	3.313071	4.378657	3.413663	3.465691	3.491464	3.897624	4.536847	3.474335
1.897572	1.166187	3.046307	0.705149	2.697669	0.987137	2.212215	0.539027	3.363486	0.981815
4.14464	3.720506	2.013258	2.099476	2.721523	3.947927	3.791388	2.193462	3.868301	2.719777
3.737014	2.26962	4.583731	3.490507	4.48599	2.849176	3.69609	2.555848	2.820008	3.226842
7.880254	9.081044	9.525589	9.207742	8.514923	9.789229	10.75084	8.987417	10.46014	9.989469
7.188465	4.4746	3.4332	4.373535	4.821167	4.472179	3.257115	4.662802	4.252614	3.113676
4.652449	1.310367	5.750724	3.52795	3.257089	5.784723	4.843642	2.027165	5.111539	2.49005
6.617731	7.645579	6.132618	6.017437	8.123496	6.407963	7.909257	7.569128	8.378602	9.877857
3.746145	2.568281	2.71012	3.523869	3.34099	3.022566	2.166665	4.030979	2.319444	3.458894
2.772335	3.203559	2.882144	4.04581	3.748624	2.226213	3.089991	3.463482	2.060555	3.113305
0.203595	2.354751	0.982692	2.25525	2.812327	0.63526	1.805383	0.839445	-0.0184	1.445333
3.088153	3.263974	2.915926	3.654684	3.296597	3.171449	2.59509	2.431961	2.404425	2.490209
2.972839	4.382303	4.380024	3.368007	3.328865	3.6	3.440718	4.430353	3.828252	3.820396
3.309198	2.679017	4.002969	3.239174	3.673659	2.412776	3.083643	3.291148	2.894403	2.61598
1.533349	1.831935	1.953163	2.074565	2.16107	1.530505	2.559252	2.193534	1.074462	2.860883
3.335354	1.553718	4.90472	2.891599	4.040039	4.443406	3.936668	2.120109	3.549369	2.929139
1.865839	1.079747	1.575673	1.989304	1.10119	1.772223	1.872569	1.543275	1.684367	1.287498
3.143066	3.229386	2.872493	3.60306	3.708672	2.664361	3.705714	3.179473	3.270721	3.826431
4.860227	4.759396	3.481118	4.382	3.602546	3.010694	4.29058	2.921395	3.782885	4.780454
3.717476	2.870087	4.015239	3.645345	3.4947	3.500371	4.104794	3.746798	3.038239	3.641774
1.960757	0.267012	2.983446	1.202955	1.809747	1.006015	1.229447	0.637395	0.73015	1.220676
5.479103	3.836556	4.551598	2.484763	5.053029	5.533185	4.530163	4.753252	3.95683	3.90886
1.161953	1.862035	5.130632	2.738098	3.615842	4.441788	3.831514	1.829622	3.589877	2.082253
4.40774	3.543171	5.270181	4.254032	4.410293	4.775631	4.409783	4.329266	4.743637	4.924753
4.231421	4.238092	4.05859	4.399913	3.952997	3.982277	4.471038	4.848158	4.464738	5.514872
4.257602	5.017495	5.326302	4.699994	5.39536	5.164472	5.281452	5.263526	4.426291	4.146738
4.069351	4.506526	5.429096	3.873922	4.263223	3.950374	5.060914	4.405017	5.120339	5.140889
4.447658	4.549684	4.971552	4.504756	4.704147	5.192544	4.702191	5.014245	4.450628	4.91216
5.263143	5.401513	6.216363	5.307873	6.948729	1.532325	8.615302	6.90432	7.087725	9.420206
5.89051	3.146565	4.523758	0.873626	4.044528	6.522483	1.619238	4.941054	2.304718	4.359065
3.690746	2.589936	3.580031	3.634748	3.827583	4.475713	2.589936	2.6622	3.306777	2.444745
5.634937	4.561439	4.776958	4.995643	5.640342	3.727172	3.89139	6.640181	5.927227	4.978259
2.118043	1.703665	1.971465	2.344445	2.48043	1.343328	1.575425	2.998456	2.340943	2.232288
3.234211	1.942433	3.906319	2.579519	2.579519	2.66177	2.968581	1.960911	3.020292	2.216064
2.349026	1.908585	5.125953	3.787639	1.937926	2.622129	4.652127	1.787568	3.185865	2.525328
4.300122	2.355597	4.362038	2.945381	1.905922	4.288897	3.789032	1.770006	4.117531	2.920212
0.192381	1.042051	0.782434	0.126896	0.223999	1.215508	1.810979	0.418141	1.042051	0.35324
4.910245	4.752824	5.336202	4.89497	5.185282	3.949424	4.627831	5.737732	4.331194	4.657921
5.34356	4.144295	4.186445	3.774373	4.628066	3.966934	4.731905	4.789906	4.34725	5.775085
4.6211	4.744017	5.511017	5.897177	5.322601	4.83586	6.076618	5.423603	5.998227	5.481774
0.06745	0.371356	0.036838	2.715696	0.127025	0.036838	0.127025	0.052215	-0.075	0.267195
0.879564	2.362071	0.534706	2.653767	1.467061	-0.08557	1.87757	1.872866	5.129849	1.919154
3.335435	3.04681	3.538487	2.483497	2.751725	2.75756	3.651759	3.267024	2.108771	3.510499
4.707549	1.189272	7.415111	3.651699	3.565994	6.223388	5.419051	3.219515	5.960066	2.841594
1.433091	1.863529	3.577465	1.881808	1.744658	1.942261	2.276047	1.830026	2.792913	1.728573
2.494379	2.008516	2.163636	2.661124	4.021713	3.254062	2.658829	3.124395	3.343145	4.428193
7.310962	5.157739	5.873827	5.89801	6.344219	5.777244	5.398013	6.820723	5.222882	6.259559

2.18112	2.431673	4.166023	2.949593	3.045858	1.824324	3.287724	3.11395	2.461632	2.429513
0.732764	0.256955	0.34795	0.17157	0.795878	0.568862	0.432822	0.256955	0.369709	0.826289
4.449541	4.92688	5.538823	4.026411	4.551356	4.198847	5.413877	4.20703	5.10788	3.878058
4.666217	2.469313	6.05443	3.689891	3.769076	5.186006	4.629343	3.204099	4.360769	3.082065
3.517842	5.75247	3.45487	1.940203	3.525181	0.701472	5.737955	5.29358	1.775486	1.711661
2.939792	1.080335	3.272046	1.928763	2.336155	2.415803	2.358819	1.053304	2.127981	1.579191
-0.02722	0.198291	0.096176	0.343564	0.053872	0.079474	0.183259	0.079474	2.135141	0.175656
6.113471	4.265412	6.04668	5.01731	5.627299	5.053994	6.137709	4.899243	6.445929	4.543564
5.789825	3.861875	7.44122	5.917128	4.727198	5.24786	6.938033	2.127321	6.158829	4.333751
5.644218	4.779727	8.090122	5.524175	5.832664	5.717642	6.022205	5.690995	6.712259	5.221019
4.289671	5.105483	5.004178	5.144318	4.223923	4.717514	5.436865	4.174217	5.291149	4.730536
3.575879	3.445491	4.112398	4.759631	3.660968	3.616104	4.336473	2.551667	4.167121	4.4668
3.564144	1.566968	3.527461	2.115896	3.201133	2.938443	2.867183	2.759051	2.70865	3.161738
2.820594	3.364555	3.925974	3.420454	3.64265	3.0236	3.385676	3.55155	3.062795	3.164285
0.700145	0.244931	0.244931	0.519852	0.282669	1.009901	0.752904	0.565471	0.797365	0.778497
0.391434	3.340529	0.086216	5.362584	1.600241	0.331442	2.827505	3.140034	0.13808	0.866461
2.9007	-0.47542	3.35903	1.741506	1.784128	1.962861	2.293977	0.712323	0.112455	1.001931
2.965548	1.130858	6.654597	1.333622	2.71597	2.360849	3.453026	0.166037	5.586593	0.685825
7.490976	5.578701	6.514042	5.76818	5.572907	7.150603	6.314002	6.72355	6.175365	5.169413
3.689603	2.877497	3.170437	2.804604	3.373044	3.313856	4.200966	3.119613	3.780252	3.980845
4.210847	4.730546	4.221191	4.760727	4.282001	4.092849	4.329582	4.713416	4.972073	4.781745
3.351191	3.044752	3.113384	2.547223	3.853916	3.45131	3.151903	3.522221	3.054902	3.170815
3.712358	2.10857	2.671575	2.711159	2.827814	3.029608	2.797377	3.949856	2.531879	3.035235
3.740425	2.909663	4.652281	3.308324	3.783037	4.264789	1.977548	2.760258	2.290395	3.337514
4.401588	4.680879	3.529422	3.806417	4.916509	3.536886	3.817893	5.563239	3.962692	4.096743
1.76083	3.976004	2.497281	5.764819	4.543206	2.650634	3.484117	4.345847	3.615001	4.91242
2.31252	1.78799	1.443744	2.543586	2.375457	3.084023	2.054631	2.050928	2.130655	2.378547

CGGA_32	CGGA_33	CGGA_42	CGGA_44	CGGA_48	CGGA_49	CGGA_54	CGGA_56	CGGA_56	CGGA_57
0.272518	0.510382	0.723014	0.105043	1.302759	0.510382	0.503129	0.828655	0.001504	0.920969
1.54291	2.377589	1.466426	2.190252	0.281226	1.699765	1.503391	2.499237	1.424552	0.459258
7.144185	5.302329	4.366378	4.947294	1.039497	5.180953	6.888572	5.808101	5.681035	4.42624
5.948909	3.744821	5.381969	6.035777	-0.1486	3.629328	6.744947	4.719755	3.297416	2.134008
1.251992	0.471661	0.96421	0.953464	1.260596	0.926216	1.331574	0.93171	0.787095	1.440845
6.249021	6.216952	8.547297	7.007169	9.174051	6.047153	6.37018	6.241237	6.107723	6.293503
5.542634	5.725088	6.903995	7.027524	4.404159	5.493527	5.233879	5.914517	5.846609	5.581801
3.357916	0.55042	0.064843	0.265434	0.562246	1.499396	3.272718	1.349676	2.456075	0.351566
0.838887	0.050045	-0.00328	-0.00328	0.132544	-0.00328	0.750938	0.766853	0.050045	-0.00328
6.264538	4.182522	3.028999	5.039776	4.4189	5.546421	5.670404	3.875465	4.241501	5.684875
3.967838	3.197433	8.057351	4.010107	5.498767	4.365134	4.005645	4.328689	4.069981	4.443128
4.459369	3.324963	3.522134	3.812983	3.826539	3.287471	3.957606	2.705186	3.041209	2.651808
2.325719	2.892886	2.580006	3.430077	1.842655	1.527376	2.088045	3.009405	1.852831	1.241356
3.293056	4.108117	2.859463	6.052859	0.80633	3.221481	3.599043	3.741772	4.105489	2.570456
3.20859	5.990339	6.642654	6.319409	8.434188	4.534708	3.276069	5.133356	4.28339	5.679502
1.986955	3.854248	2.394182	4.359825	4.820317	2.642264	1.748014	4.642463	1.631975	4.281127
0.464184	2.300477	1.76875	2.148807	0.817121	0.566258	0.576005	1.925653	1.204425	0.805143
8.087548	8.578586	9.17742	8.160855	8.792836	7.818225	7.80259	8.226049	8.44176	8.165821
2.889258	4.357909	4.456934	4.458408	6.697657	4.731668	2.879707	3.551027	3.699882	6.065329
3.181043	3.725069	4.225581	4.395852	1.889882	3.618266	3.072178	4.318472	3.059229	4.73792
1.984305	3.531688	2.731365	3.49531	2.236719	3.444784	2.268867	4.137403	2.279474	3.473172
3.408407	3.13331	2.945907	2.746379	3.075244	3.285309	3.319615	4.984034	3.4955	2.814177
3.559794	3.22012	2.910431	2.801028	0.655853	2.604797	3.480202	3.46207	2.165379	3.096175
0.13561	0.622598	1.279421	2.551946	1.576343	0.22351	0.474546	0.610433	0.000462	0.687364
4.656853	3.58287	2.381495	3.192322	2.445003	3.34925	3.634002	4.061278	2.62787	4.3569
1.380618	4.750422	2.954149	2.907714	2.658608	1.885546	1.223815	3.974262	2.294784	2.834648
1.478299	0.403105	0.197002	0.556628	0.989398	0.772429	1.468532	1.701678	0.813455	0.344171
4.033016	4.427696	4.356928	4.277941	6.937134	4.810766	4.077631	4.78969	5.182246	4.562125
5.996367	2.591486	2.243133	2.814752	3.286366	3.471464	5.517886	2.791915	4.936895	3.285193
4.162719	4.135415	4.603478	4.240973	5.124479	4.564017	4.054335	4.053733	4.194573	4.396126
0.378269	2.625582	3.073605	3.181712	2.697451	2.455757	1.413165	1.923832	2.063357	1.853401
6.23459	2.771628	4.009269	4.085118	1.799263	4.584917	5.689747	4.192548	4.832739	4.716662
3.861328	3.969974	4.371579	3.840441	5.479206	5.643701	3.965549	5.05509	5.068381	6.036983
2.45659	2.820009	3.236422	2.769607	3.660053	2.723733	2.41513	3.149434	2.708823	2.369719
4.281611	4.447594	4.493085	4.880182	4.425976	2.879106	3.632918	2.800523	3.422491	4.377712
1.028239	2.879122	2.793319	3.802504	2.662931	2.250397	1.170088	2.271925	1.252782	2.911052
6.930601	3.907472	4.796738	4.547235	4.674492	5.931054	6.729009	4.729497	5.949752	4.696754
4.09731	3.47493	4.773499	5.149249	4.507724	3.789806	3.827105	3.644216	4.60953	3.664983
4.231951	5.257118	5.484622	3.473834	6.673748	4.532506	4.72554	4.242664	4.938409	4.542701
1.048299	1.098297	0.065972	0.099334	0.022655	-0.0226	0.72654	0.75264	0.099334	-0.04129
0.258192	-0.11109	3.4969	1.97007	-0.21514	0.044575	0.359841	0.274398	0.120059	0.591163
3.827382	1.760348	2.334534	3.123601	1.238624	2.806627	3.697247	2.754899	3.098152	2.22584
0.525824	3.929356	2.113108	4.218645	0.670589	1.403113	1.222643	3.503695	1.691778	2.491701
-0.078	1.620098	0.858974	0.684017	0.799588	0.529995	0.488414	1.84408	0.653419	0.677955
2.694355	0.651384	2.31706	1.239498	1.233281	1.005696	2.601093	0.704692	2.42535	0.143261

9.063417	11.35048	12.2069	13.29779	8.804559	9.534548	9.476031	10.95804	10.56455	10.01453
7.993796	4.014964	1.707055	3.657966	4.68089	6.277418	7.77778	4.177336	6.982632	4.293933
6.071643	3.545165	3.084724	4.034622	-0.63469	3.438688	5.555981	3.467584	4.562446	4.444749
0.516168	0.619647	0.70957	1.121384	1.464465	0.581821	0.019908	1.282488	0.271817	1.64327
1.472431	1.723579	0.326719	0.891438	0.002954	0.692415	1.516291	1.286175	0.915928	0.603989
1.272549	0.653458	-0.25545	0.661096	-0.25545	0.456817	1.851346	1.71145	0.054271	0.566649
1.604598	1.897405	3.150439	2.189547	3.658321	1.839667	1.247873	1.978874	1.112754	1.992802
5.524677	4.492918	3.092449	4.312565	3.942122	4.131643	5.000632	5.349417	3.866207	4.069072
3.179866	3.903838	3.757761	4.740079	2.131203	3.540523	2.721404	4.443659	3.846442	3.73719
0.103675	0.523375	0.127253	1.554624	0.037848	-0.08933	0.329754	0.491894	0.071319	0.20195
0.624952	3.488458	2.271201	2.153312	1.26155	0.262905	0.499739	1.908661	1.016085	0.018627
7.197964	8.20342	6.875852	8.092245	6.211844	7.425745	6.889001	8.383401	7.143976	8.413876
8.049691	7.84851	7.729958	8.033245	8.579225	8.888378	7.340394	8.415987	7.990791	7.487837
5.814995	3.115961	4.502757	2.821654	6.507269	3.648056	5.224412	3.806892	3.981746	2.294396
0.445749	2.609334	2.951723	2.856962	2.05376	0.675937	1.083508	2.487226	1.580944	1.259238
6.586791	4.065843	5.327366	5.315111	3.316326	5.507886	6.623191	4.994311	5.424522	4.284882
1.662044	5.152182	2.242384	6.837757	1.985724	0.95426	1.326401	1.602759	1.295975	0.390753
4.060635	2.646144	3.295953	4.322661	3.169206	3.329568	3.90441	2.480089	3.223399	2.795664
2.147482	0.978074	0.605264	0.75155	0.068121	1.158046	2.141638	0.943813	2.189545	1.511791
9.898283	8.630803	6.749939	8.933547	5.184007	9.291169	10.03742	10.39669	10.0795	8.180043
2.443747	3.284896	3.734912	3.117138	5.147163	2.475242	2.15817	3.098629	2.970285	1.835284
2.439794	3.717275	5.024462	4.096902	4.707653	3.62873	2.169208	4.12628	3.142087	4.100792
0.847472	0.119143	0.373097	0.267946	2.287171	0.724308	0.633323	1.153679	0.499575	0.974874
5.964381	4.911014	4.035944	4.993545	3.353135	5.299979	5.212373	5.452244	4.130385	5.209886
5.82543	3.493746	3.50589	3.401168	3.892482	3.813497	5.315591	3.404363	4.558951	3.080248
1.038577	3.918646	3.093426	4.646354	1.619861	1.02474	0.982375	3.111943	1.603957	2.266337
3.047568	3.143959	2.939597	2.89096	4.225981	2.221986	2.804175	2.432194	1.997335	2.653001
8.037715	3.066667	2.690829	3.768501	2.801896	5.29492	7.554348	4.279124	6.897854	3.629491
7.311789	4.64726	4.37753	5.068222	5.491676	5.248616	7.217068	5.456387	6.385058	5.91416
4.79152	4.068355	2.555801	5.099526	1.41068	5.555515	4.380108	4.863111	6.084403	3.80789
3.042218	4.063879	2.739451	3.265139	1.947436	1.861109	2.895616	4.497729	2.904088	2.600539
0.888842	4.342652	5.136227	4.026608	2.484007	2.248655	0.874794	3.328937	2.047565	3.840367
2.241119	2.637329	2.345803	2.635587	2.814883	2.702341	2.275262	2.520578	1.723056	3.001479
4.695157	2.810302	4.179329	2.725043	4.526057	3.407915	4.1952	3.121233	3.837662	3.773802
2.778355	2.412191	2.772652	2.733389	1.310394	1.369016	2.690334	1.938701	2.140692	1.679239
2.467917	3.025403	2.910941	3.21419	3.090679	3.956861	2.759575	3.947073	3.093599	2.510445
7.744032	6.655267	7.543297	6.948987	5.647278	7.553297	7.774164	7.108437	7.551771	6.017002
2.114527	1.158007	0.914362	0.586661	0.620516	1.294851	1.560836	1.180801	0.954655	1.781318
4.145251	4.512418	6.133098	5.004412	5.129591	5.260465	3.789042	5.21417	4.941868	4.954123
1.946101	0.448655	0.151864	0.218755	0.205614	0.567168	1.729834	2.408667	1.206008	0.514463
2.640697	3.968373	4.857359	3.939323	4.143355	3.131136	2.263343	3.410674	2.479886	3.50031
2.396642	0.856976	1.259755	2.782126	6.510237	3.039505	1.957927	4.857054	2.034922	0.656988
2.059401	2.483878	3.170744	2.358035	2.393658	1.973157	1.705	2.240902	1.567891	2.268276
2.321591	3.307514	4.841536	3.761033	4.386979	2.884359	2.130279	2.824705	2.758772	2.785993
1.879928	6.990909	5.7567	6.743451	6.921552	4.230877	2.88204	5.584803	3.568315	3.576566
0.838165	2.15925	1.479514	3.380787	0.618603	0.044166	0.788337	1.116176	0.035735	0.140572
1.868982	3.9326	3.419432	4.997436	0.222673	1.553114	1.398293	3.927239	2.731614	2.577147

0.674919	0.019674	0.46897	0.088766	0.04769	0.205698	0.628366	0.325829	0.218149	1.795183
1.945848	5.246395	6.525582	7.755408	3.103358	3.363153	2.065503	4.153666	3.276773	2.516619
1.60897	1.382797	0.994078	1.519523	3.271909	1.66203	1.95254	2.047643	1.523894	2.044453
4.133255	2.553922	4.221855	2.301087	4.276559	3.501239	4.448436	3.101021	4.235459	3.764958
3.343526	3.012473	2.988881	3.002403	1.233349	3.206137	3.089867	2.793559	2.92548	2.948812
3.848924	6.156055	5.359011	4.292369	6.733685	6.871308	4.094849	6.448815	5.239707	6.271014
1.559437	3.68392	3.838014	5.613906	1.614318	1.538348	1.987287	3.20851	2.670516	1.771304
4.562591	6.587128	6.9598	5.87063	6.539693	6.748977	5.043274	7.775335	6.093635	8.133307
1.773389	4.640725	4.262474	3.765402	4.585636	2.364925	1.710147	2.05246	2.250358	2.253378
2.378435	2.110626	2.608991	1.765286	2.469957	1.548365	1.953072	2.668409	1.441464	1.888085
2.093515	3.620676	4.813339	4.017867	6.348809	3.518134	1.300245	2.595643	2.598708	4.704118
0.890117	0.963991	0.185355	0.581623	0.08337	0.270288	0.374937	1.01901	0.135443	0.072679
9.550419	7.41545	7.965109	7.743229	5.756223	8.356977	9.272913	8.273777	8.977977	7.903047
5.411205	3.928182	4.908911	4.430798	7.517204	4.197046	4.409856	4.985767	4.902034	4.417136
2.10642	2.886796	4.37438	3.679319	3.289289	2.550041	1.957372	2.821381	2.228807	2.310498
1.072084	2.100164	1.749135	2.058714	1.322641	0.434003	1.14189	1.775422	0.407052	0.528413
3.794515	4.053312	5.439886	4.808603	3.508437	4.142612	3.421195	3.773165	2.946	4.526485
1.030907	3.686395	5.570928	3.694365	2.91148	0.571091	0.94958	3.743306	2.306628	0.677896
3.505521	2.588421	3.499103	2.739491	2.412484	2.680528	3.329606	2.817163	3.517017	2.841129
2.21229	2.918344	3.625986	3.072868	4.935954	2.766295	2.198338	2.906192	2.618963	2.437173
0.834082	0.003009	0.028111	0.112318	0.076899	0.180372	0.601053	0.296531	0.32648	0.112318
0.607504	-0.0011	0.120722	-0.01281	-0.01281	-0.03658	0.512578	0.77743	-0.01281	-0.03658
1.963231	4.539945	3.396498	2.756977	2.220416	2.913929	1.593245	5.125756	2.115933	3.113233
1.899504	2.685238	0.951065	2.346604	-0.20106	3.41149	2.614131	2.466283	2.589591	2.530073
1.440073	4.168302	2.403259	3.10279	3.554103	2.751397	1.630445	2.931931	2.381085	3.502076
2.274435	2.525525	1.778444	2.229544	1.27845	3.143611	2.229544	2.382127	2.044542	2.889278
3.652008	4.589153	3.187005	4.649639	0.604926	3.36901	2.960806	4.243576	2.954011	5.717869
7.469367	6.586549	4.397474	5.541604	4.034452	7.276208	6.751768	7.336855	6.121676	7.01602
0.794411	0.481434	0.26079	0.341216	0.01574	-0.06707	0.777851	0.788929	-0.08309	0.036928
0.244112	1.827133	3.721248	1.953043	1.029204	0.523909	0.676046	2.062394	0.44644	1.329825
1.804692	3.472534	1.594753	3.165565	2.317701	3.355371	2.148209	2.743099	2.518834	2.757675
8.904946	5.568012	4.023903	5.859575	5.81524	7.691462	8.240345	6.794291	7.825939	7.319983
0.158647	-0.05917	-0.05917	-0.04459	0.040049	-0.00167	0.314881	0.256707	0.326249	0.040049
1.253395	2.860672	1.605378	1.5942	0.938197	1.095398	0.998962	0.796103	1.234724	-0.00155
3.252018	3.728139	4.058726	4.204018	5.475322	3.371477	2.650199	3.821604	4.002393	4.45827
6.95866	4.812042	5.296691	5.791816	6.327594	6.466829	6.909922	4.803471	7.372899	5.12793
5.768741	4.486941	4.732454	4.514531	5.452169	5.537138	6.151886	5.240784	5.528469	4.018197
4.037506	4.192003	4.672771	4.304055	3.482555	4.443954	4.198521	4.389793	4.668696	3.272554
3.35226	3.668543	5.026221	4.854735	2.780153	3.212354	2.964524	4.042587	3.014813	2.767167
1.557646	1.309883	1.906177	2.447669	1.214012	0.718537	0.942563	1.88044	1.062346	0.534111
3.088973	7.933306	7.06687	7.762992	7.624465	5.171261	4.326367	5.371545	4.401486	5.363359
0.542696	-0.04249	-0.04249	-0.04249	-0.04249	0.031035	0.619666	0.726975	0.111733	-0.04249
5.3257	6.425555	6.623369	6.69823	7.912714	5.214678	5.154906	5.579933	5.254506	5.815577
4.415845	4.128297	4.441448	4.385779	6.213873	3.238874	4.134914	4.747228	3.818347	4.909901
2.961733	5.348231	6.188881	5.373968	4.538809	4.07981	2.793337	4.767817	3.874968	5.653554
1.997788	1.710321	2.302126	0.962302	3.697202	2.39791	2.070434	2.423341	1.874833	2.18575
4.639255	4.187427	5.356234	5.005193	8.089443	3.889407	4.72918	6.814302	3.841929	3.82277

1.634203	1.427491	3.17986	1.673771	4.090478	0.941977	1.638208	1.654123	1.276265	1.58524
2.241912	-0.00019	-0.03005	0.029102	-0.03005	1.030436	1.38777	0.697595	1.131509	0.071996
1.118612	4.117942	4.373334	4.411207	6.923466	4.031563	0.949521	3.969543	3.027651	4.113739
0.356008	0.38247	0.245019	0.245019	0.495885	0.273577	0.395521	0.507953	0.507953	0.245019
0.621966	0.773404	0.127941	0.023638	-0.04567	0.201431	0.773404	0.189443	0.482134	0.023638
6.730743	6.849652	6.412652	4.958973	3.823055	5.975492	6.23702	6.571974	5.615395	6.109271
2.784276	3.336644	3.679173	3.634713	3.090871	3.873901	2.863327	4.157278	3.583979	3.673904
3.325673	2.779915	3.225802	2.827896	7.224856	2.287428	3.213877	2.794941	3.134726	1.934272
1.816109	1.349545	1.777877	2.017247	1.266238	0.762949	1.405545	1.553201	1.083392	1.166967
5.256728	7.499827	6.969935	7.837635	5.134824	6.066267	5.585373	6.101357	5.27562	5.756046
0.34825	-0.02556	-0.02556	-0.006	-0.006	-0.02556	0.634107	0.444853	0.077522	-0.02556
1.151953	3.346636	3.588101	3.548164	1.275348	0.720932	1.124636	2.901528	1.081129	2.38502
1.532171	3.746763	4.289814	2.776785	3.292046	2.589351	1.26686	2.937277	2.00039	4.815003
5.632932	8.185848	6.270117	6.854787	3.810639	5.499363	5.86146	7.290022	5.628591	5.132369
0.615911	1.062154	2.276617	0.69894	1.353533	0.05493	0.712947	0.775994	0.595403	-0.14214
0.405891	-0.06626	0.19518	0.067783	1.48006	-0.14002	0.772687	0.938706	-0.04607	0.599124
2.195954	4.677663	4.047899	5.633026	3.773466	4.282394	1.750379	4.862954	2.9718	4.022468
8.265221	4.183148	4.553772	4.56866	5.849499	5.826146	7.748339	5.027883	6.964289	7.701053
0.732765	0.14291	-0.06163	-0.04867	-0.04867	-0.03583	0.929539	0.867192	0.014279	-0.01054
7.113791	7.626126	10.3039	9.519282	7.606315	9.975304	7.211365	7.994245	7.687032	9.370113
2.830318	4.0914	5.638291	4.706367	6.869224	4.558836	2.833035	4.18142	3.876143	4.490131
1.655639	5.632711	2.303384	4.846275	0.835903	3.812866	1.05876	2.33625	1.34821	0.120907
5.628844	6.615615	10.51505	8.599852	11.48844	4.522924	5.752149	6.998964	7.496352	6.059368
3.455528	3.255719	3.707131	3.128161	5.348641	3.999544	3.167841	2.857215	3.295369	4.173105
3.679236	3.62506	2.838392	3.403915	4.049467	3.680424	3.479837	4.031487	3.508415	3.6469
0.878809	2.13961	2.187204	1.673077	0.601078	0.762625	0.798583	1.71172	1.040591	0.635033
0.494721	0.149318	0.0564	0.131381	0.026841	0.036787	0.394074	0.56284	0.122296	0.0168
1.58121	0.29769	0.275003	0.836059	0.820485	0.395578	1.791354	0.680832	1.058126	0.320025
3.817691	6.03294	4.013737	5.582425	4.678525	4.746557	3.462165	6.169135	3.11689	5.464767
2.575247	3.085655	7.085299	5.009545	5.302934	2.889101	2.750808	3.222135	2.520938	2.186029
0.405405	2.720967	4.852831	2.978158	3.021099	1.33165	0.441629	2.004801	0.599195	1.975319
5.286526	3.991399	5.541687	3.693907	4.650228	5.535129	5.726114	3.985942	5.316096	5.631139
1.135345	3.184371	0.685999	4.220003	0.172024	2.051363	0.996479	1.423581	0.759426	-0.03623
4.214846	5.323582	7.407917	5.514948	4.282345	4.95363	4.942387	4.846856	5.191096	3.983617
2.227851	0.451052	1.396306	0.355678	0.543273	0.884391	2.499341	2.715683	2.113981	0.782202
4.080202	2.524078	2.065727	3.313753	3.885001	2.632104	3.673748	3.467429	2.927566	2.409436
0.394741	1.022742	0.770605	1.190796	2.961453	0.466677	0.413114	1.857069	1.126931	2.967059
0.567547	1.289656	1.01256	2.214436	0.862338	0.573978	0.340448	1.133784	0.207845	0.831885
3.788446	3.405033	2.211424	4.84265	1.924873	4.436786	3.808846	3.540913	3.388119	3.702718
5.094898	6.631045	5.789472	6.182627	2.493162	6.223725	4.544811	6.65439	6.165481	5.601861
0.820051	1.5163	0.966262	1.719518	0.121403	0.553283	0.736906	1.382087	0.536779	0.477355
4.628266	7.189873	6.652785	6.256803	5.149691	5.307526	4.46996	5.092582	4.895625	4.015941
5.480047	5.835725	4.004122	4.822438	4.241346	7.083297	5.601139	7.948458	5.952048	6.627446
0.969392	0.108074	-0.03661	-0.03661	0.066097	0.302134	1.096909	0.506361	0.608972	0.008259
3.308645	3.245925	2.468463	3.231112	2.511496	2.974266	2.913014	3.26572	2.650529	3.922742
0.715082	2.931734	2.749049	3.614463	1.492501	1.422493	1.289084	2.289984	1.68228	1.527711
2.433256	3.176848	3.417251	3.688491	2.476909	2.443661	2.252605	2.847015	2.493214	1.851381

3.597919	4.156267	3.060079	3.572285	1.517432	2.989915	3.607519	4.159192	3.325917	3.51025
1.273793	2.480736	2.500326	2.276116	1.216553	2.577685	1.824407	3.791693	0.553663	0.624594
2.314497	4.758351	2.547352	2.755984	0.605085	2.264909	2.476647	4.005742	2.50738	1.769993
2.599408	3.81219	3.398936	4.313246	4.059907	3.515331	2.318323	3.924037	2.463311	4.240302
8.723229	9.471522	11.34802	11.28428	8.154321	8.770405	9.136115	9.830542	10.72155	8.369767
4.48785	5.348947	6.147675	2.576759	4.545594	4.271235	4.059841	6.087839	4.442225	5.821473
1.215334	5.526047	3.460244	5.685461	2.064823	2.685055	1.332277	3.874369	2.586258	2.535004
7.041681	7.380843	7.208878	7.458238	4.960571	8.450629	6.871395	7.357397	8.464164	7.393553
2.567729	1.381644	2.372401	1.783604	5.145165	3.81252	2.762881	2.918279	3.445219	2.595003
3.508516	2.361799	2.194014	2.368651	3.853711	3.425858	3.216195	2.254713	3.03626	3.802409
2.68659	0.39353	0.527941	1.817445	2.822167	1.205872	2.299709	2.326498	1.577788	0.543818
3.772715	2.972388	2.57838	2.646325	2.597167	2.609584	2.938382	2.891425	2.304574	2.038885
4.72107	4.224889	2.247052	3.481362	1.414506	4.090171	4.206031	4.333163	3.776668	3.220028
3.066955	3.469388	3.184334	3.223647	3.316674	2.935735	2.636515	2.905262	2.145338	2.899839
2.446021	1.521941	1.325687	2.463814	2.107152	1.969963	1.951049	2.392811	1.872762	1.370999
1.152276	5.000113	3.454305	5.751222	3.343132	2.887661	0.965304	4.190572	2.644162	3.980398
1.848893	1.615308	1.902525	1.922203	1.789958	1.879273	1.455116	1.695605	1.174146	1.772223
3.459857	2.492701	1.468089	2.713058	2.646246	3.30414	3.229386	2.815385	4.060445	3.689344
4.120843	3.91362	4.0545	4.374528	9.692504	4.903398	5.887678	3.526125	4.688318	3.402894
3.100767	3.127104	4.494331	4.169604	0.803296	3.999745	2.708197	3.768998	2.910795	4.21001
0.595542	1.110574	1.350445	1.809747	3.134956	0.742881	0.405169	1.806936	0.630512	1.8861
4.409086	3.766716	4.552264	3.873814	5.171925	4.365804	4.466182	5.414266	4.663305	4.360792
1.637249	3.836986	5.909919	4.570725	2.146053	1.76696	1.990282	3.73655	2.274761	4.012278
2.507887	5.664153	5.574661	5.165372	5.486333	4.066279	2.82513	4.942224	3.999508	4.020772
4.936098	3.997688	4.47635	3.943784	5.698876	5.215282	4.951112	4.368862	4.839615	4.080039
4.582893	4.784762	4.128263	4.236706	4.254949	4.940076	4.557078	3.54056	5.248403	4.275188
4.334908	4.519902	5.367662	5.596224	4.401699	5.065569	4.851279	4.340107	5.527403	4.395038
4.901592	4.176332	6.488582	4.836349	4.479342	5.042379	4.808147	4.899236	4.942946	4.654005
7.015568	5.438039	3.557157	8.400194	3.118855	7.431107	6.462381	6.853967	8.474836	5.863028
2.13622	8.092167	7.630355	2.068719	9.171727	4.69703	2.368082	7.72503	4.929293	3.080414
3.082342	3.599841	3.662254	3.415847	3.870014	3.031029	3.174376	3.359662	2.397351	2.693036
4.370333	3.971047	6.047284	5.655578	4.35993	7.040383	5.273896	4.181125	5.187779	6.186057
1.890734	2.202073	2.996093	2.044274	1.7088	2.606136	1.460447	1.314338	1.56148	2.919883
1.715086	3.523413	4.189982	3.688272	2.555153	2.114815	1.991202	3.087494	2.064322	2.813698
1.971576	3.458804	4.372356	4.21851	3.470693	2.039388	2.131686	2.688894	2.198375	2.097691
2.435362	4.255413	6.142799	4.337821	1.299994	2.152005	2.498866	4.337178	2.482181	2.69919
1.607809	0.034472	0.138027	0.181679	-0.09046	0.635647	1.660538	1.351294	1.215508	0.23438
5.224403	4.646954	5.409364	5.100975	6.174022	5.023189	4.988145	4.51002	4.851497	5.374885
4.561969	4.674201	2.137804	4.575949	4.843312	4.671346	4.198338	5.374011	4.175685	4.271216
4.691994	5.723694	4.669276	5.41707	3.67343	5.22127	4.36549	4.85156	4.870154	5.656935
0.821467	0.198595	1.566856	-0.075	0.70192	0.170338	0.752786	1.344377	0.127025	-0.075
2.376556	1.306348	1.08903	1.291709	-0.25501	2.299071	2.482563	1.261927	2.355581	3.308912
4.06812	2.587475	3.804861	3.113128	4.17835	3.517197	3.972006	3.684054	3.567401	3.458854
0.878779	6.66836	7.888835	6.118686	3.731501	3.694205	1.31661	4.570347	3.491386	4.92256
1.983443	1.64531	2.316798	1.807245	1.047067	2.026756	1.889054	1.610596	1.878171	1.768451
2.398235	2.595944	1.714451	1.90404	2.511638	3.646721	2.231678	3.321212	2.766343	3.538912
4.9606	4.989628	5.809496	5.72477	8.555163	6.095139	4.694612	6.541472	5.274511	5.435038

2.524124	2.773155	2.173611	3.852732	3.063884	2.54446	2.1711	2.235207	2.444576	3.606472
0.974931	0.391099	0.443041	0.303272	0.622956	0.358876	0.961506	0.961506	0.34795	0.6141
5.458404	5.040783	5.42352	5.741863	4.682998	4.466158	5.134979	3.916449	4.867159	4.025777
2.339187	5.604352	3.231409	5.398772	3.056071	3.290026	1.857178	4.272744	2.173971	2.731109
6.933826	2.867885	2.148734	4.227301	1.92739	3.992197	6.662293	2.448852	5.625229	1.92739
1.196187	3.076056	2.679271	2.630213	2.206936	0.874669	0.66544	2.885749	1.228834	2.569751
0.919297	0.190804	0.08786	0.220415	-0.00861	0.053872	0.797955	1.112768	0.062481	0.045187
4.779374	5.178332	5.583874	6.333083	7.951302	5.288017	4.506311	5.625397	5.124816	6.070565
2.793417	5.969922	6.47625	6.988321	5.882164	3.454223	3.659264	6.333349	4.838764	4.025575
5.48359	6.442491	7.363872	7.262689	6.009689	5.276362	5.058616	6.271076	4.736747	6.247441
4.638888	5.490693	5.236495	5.950045	7.173171	4.767062	4.819914	5.070981	5.804544	5.156361
4.48892	3.583031	3.881437	4.478941	5.114731	3.679266	4.587782	4.084829	4.130997	4.52375
1.285238	3.02487	4.08986	3.062968	3.569639	2.950824	1.408275	2.412643	2.862331	3.386236
3.26177	3.199344	3.178688	3.500356	4.066206	3.670132	3.505371	2.868286	3.767078	3.40101
0.328342	0.527568	0.215887	-0.07987	-0.14293	0.852369	0.472563	1.335879	-0.14293	-0.14293
4.917783	0.086216	0.086216	0.713791	0.505595	2.645499	4.567672	1.117545	3.649412	1.017255
0.646684	1.90052	2.254333	2.678893	5.019625	0.834384	0.326344	2.437804	1.595299	3.15733
1.524733	4.086644	7.036262	3.866958	1.200132	0.524717	1.7751	1.805756	0.890434	4.061686
5.286209	6.21374	6.693972	6.266018	6.450743	5.636242	5.463749	6.677399	5.546594	6.456789
3.622884	2.771083	3.650859	3.475223	2.447063	3.400536	3.495849	3.486251	3.300286	3.327333
5.040732	4.646576	4.86677	4.991066	5.517693	4.281477	4.775823	4.514396	4.144072	4.023759
2.826652	3.413277	4.666521	3.426649	5.050167	3.547907	2.840883	3.139168	3.444303	3.759812
2.489749	2.541308	2.324908	2.470247	1.579509	4.679542	2.383725	3.337882	3.141371	3.756013
3.467215	4.323302	4.468313	3.801147	4.074179	2.605456	3.936995	5.136341	4.179748	2.585922
4.290919	3.201629	3.256643	3.453756	4.545944	5.49221	4.269051	5.305978	4.720549	5.884513
4.130584	3.475625	2.58156	2.154546	5.040383	3.952809	3.977317	2.34633	3.27302	3.890599
1.955809	1.884058	3.922299	2.165754	3.398481	2.436261	1.775071	2.193348	2.240637	2.31252

CGGA_59	CGGA_61	CGGA_63	CGGA_63	CGGA_63	CGGA_64	CGGA_65	CGGA_66	CGGA_67	CGGA_72
0.191533	0.503129	0.614486	1.123894	0.396998	1.283206	0.412713	0.254962	0.580722	0.237159
1.556997	1.648401	1.447555	1.70605	1.067875	1.146248	1.567466	2.99916	1.473901	1.436103
4.758391	4.402564	5.37666	5.115115	5.591208	4.782069	6.917974	6.310714	3.879982	5.716174
5.05619	6.830598	3.559056	1.100359	2.966187	2.279439	6.81382	2.397335	7.405036	5.146107
0.672354	0.829188	1.091718	1.695956	0.53951	1.569376	1.19468	0.937182	0.96421	0.985446
6.200364	7.312294	6.469765	6.308346	6.885739	8.319065	6.225596	7.037508	7.38846	6.423642
5.946792	6.22584	5.478195	5.380026	5.775828	5.073601	5.526499	6.520179	6.665444	5.589454
0.140735	0.642094	1.756966	1.927505	0.562246	1.374842	3.268482	0.265434	0.783272	0.701507
0.116629	0.598429	-0.00328	0.680028	-0.00328	0.91912	0.554728	0.653628	0.626445	0.124621
4.438815	4.234738	5.939233	4.462178	4.996855	5.894327	5.711563	4.516708	3.839146	3.7343
4.159613	3.764445	4.777303	4.91046	4.702851	4.901233	4.134341	4.347368	4.680668	4.021669
2.781492	2.96767	3.544887	2.253424	2.895848	2.788426	4.048438	3.731429	2.122457	2.290445
2.052681	2.343177	1.275811	2.50344	2.875264	2.323209	1.909293	3.624758	2.877035	2.159273
3.585044	2.901757	2.905229	3.575391	2.811052	2.428719	3.178606	4.749491	3.155236	2.70013
4.231348	6.92007	4.945458	5.386048	4.898534	3.714958	3.01844	6.644183	6.044838	4.809492
3.580928	4.263152	3.445229	2.771072	2.719588	4.696897	1.986955	4.471673	4.753133	4.723208
1.064083	2.041676	0.704773	1.358304	1.238496	1.047794	0.848491	2.401542	1.891969	1.996301
7.669121	8.776941	7.657607	7.540658	7.344141	8.573814	7.752573	9.905172	7.743299	7.754236
3.982174	5.207253	5.310348	4.946058	5.063274	6.58831	2.895592	4.081235	4.595446	4.475607
3.424299	3.840226	3.344969	3.247966	3.23895	5.044256	3.093071	3.87626	4.27101	4.469909
2.45191	2.339423	3.369723	3.465739	3.058851	4.085109	2.247491	3.322383	3.224318	3.273933
3.65952	2.063942	3.094829	4.139117	2.590203	3.267883	3.145153	2.382261	2.740349	3.582725
2.805269	3.049951	3.014082	2.557337	2.376353	3.515973	3.159122	3.197683	2.93438	3.524815
0.50834	1.892937	0.030746	0.646561	0.737844	1.509503	0.579463	2.09982	1.087271	0.040672
3.780858	2.928533	3.265153	2.171152	3.161427	4.953788	4.357983	4.094328	3.629536	3.7301
3.032971	4.199576	2.827017	3.032971	3.895675	3.467468	1.406871	5.130613	4.349229	3.537695
1.311178	1.237729	1.253583	1.95082	0.534858	1.922457	1.358873	1.209448	1.188817	0.819198
5.066462	6.042701	5.096229	4.892791	4.553875	4.744328	3.957851	5.796664	5.326162	5.13018
2.008351	3.011239	3.961708	3.592618	1.518384	3.15517	5.514723	2.872842	3.459754	2.856642
4.275606	4.513112	4.899709	4.475176	4.694137	5.507446	3.892633	4.410781	4.243125	4.077651
2.582585	2.880029	1.106588	2.605178	2.845624	3.622098	0.696534	2.864492	2.35722	2.163011
4.5997	5.155924	4.683813	4.584917	3.960005	4.932695	5.844847	2.789985	5.28821	4.287898
4.930936	3.51542	4.773482	5.027251	5.094197	4.127535	4.209103	3.438139	5.03099	5.426323
1.886838	2.562404	2.308729	2.65649	2.954168	3.506786	2.536071	3.477065	3.51534	3.099805
2.3262	4.336257	3.110029	3.215887	2.137935	1.969933	4.143142	4.605349	4.313168	2.787614
2.559037	3.426666	2.110085	2.975834	2.069372	2.059642	1.304339	3.160781	3.234133	2.77622
5.048834	4.170072	5.863481	5.577986	5.788368	5.44028	7.096199	5.118951	5.200325	4.51402
3.87386	4.176732	3.45424	4.256684	4.154609	3.505542	4.105487	4.801264	4.127389	3.478357
4.781668	5.421747	3.712832	4.177857	4.119043	3.975196	4.272134	5.343228	5.335054	4.086845
0.074416	0.4259	0.115611	1.086027	-0.07974	0.839012	0.472304	0.584843	0.72654	0.022655
-0.12222	3.47551	0.173728	0.199693	0.044575	0.790471	0.836814	1.768377	3.267814	0.073438
2.349457	1.361332	2.909323	2.37304	2.802197	3.520676	3.966397	2.991959	1.144622	1.773323
2.961557	2.964194	1.619812	1.537496	3.281556	1.499808	1.354255	4.773932	2.537808	2.994198
0.994043	0.702031	1.045235	1.031476	1.84408	0.323254	0.257497	0.170255	1.334034	1.98086
0.053154	0.614807	1.442844	2.125093	1.027164	2.110943	2.915326	1.034255	1.195451	0.747768

10.48265	11.33751	8.61968	9.102602	11.16902	9.372143	9.297445	12.59822	11.5571	10.4639
4.939849	2.767567	7.081376	6.048043	6.670702	4.612083	7.857041	2.566891	3.527292	4.215756
2.56873	3.220573	4.777232	3.360459	4.037797	5.251664	5.689293	4.099597	2.548664	3.345344
0.877435	0.841418	0.743834	1.229737	1.178716	2.645256	0.097107	1.087425	0.516168	0.94655
0.821757	1.123929	0.663566	1.281529	0.082997	0.210241	1.625644	1.081541	1.375946	0.692415
0.394012	1.058057	0.566649	2.521374	0.516996	1.153146	1.169293	0.956241	1.527562	-0.02939
1.489489	2.26847	1.867559	2.131717	1.795513	3.228356	1.133405	2.484646	2.862028	1.985854
4.131643	4.207679	4.801327	4.364661	3.824872	5.187637	4.774467	4.587923	4.396742	5.063509
4.815229	3.747047	3.914846	3.325731	3.95264	3.650673	2.946635	4.361948	3.987484	4.689115
0.020669	0.491894	0.07951	0.658126	0.372898	0.329754	0.408411	1.021235	0.58343	0.119457
0.596557	1.705367	0.186472	0.673195	0.808027	0.930169	0.795772	4.289065	3.87832	1.79682
8.194862	7.196343	7.23106	7.368811	7.204344	7.160037	6.934863	7.82758	7.623228	8.08726
8.627771	7.412799	8.776798	9.173245	8.444819	5.702471	7.670408	7.141559	8.841756	8.660962
3.241834	3.751193	3.942598	3.380893	3.558249	4.812658	5.369384	4.065232	3.754953	4.27195
1.34203	2.522587	1.363449	1.75383	1.705732	0.649949	1.098473	2.744291	2.50755	2.36237
5.641341	4.234921	5.395753	4.329641	4.529984	6.658392	6.871797	5.291604	5.368957	5.16398
1.553286	3.471554	1.913888	0.882044	1.162278	1.521373	2.126507	6.053901	2.324665	2.305461
2.648563	3.569979	3.770321	3.201141	3.38501	4.974485	4.319357	3.555822	3.899045	3.167312
1.459744	0.018127	1.398557	1.270529	0.745775	0.259135	2.087811	0.372326	0.267559	0.76302
10.05492	8.681573	7.898136	9.588653	6.592519	8.693535	9.833904	8.571655	11.49185	9.76426
2.879047	3.58081	2.825234	3.457236	2.236749	3.424232	2.045756	4.029733	3.457236	3.773243
3.37742	4.016653	3.550463	3.7592	3.907532	4.027164	2.383765	4.344903	4.15069	4.045627
1.147649	0.331921	1.355983	1.964648	0.658692	1.17756	0.641827	0.919589	0.189669	0.779447
4.675389	3.45294	5.464522	4.009126	4.14728	6.740622	5.334445	6.13102	4.060239	5.442655
3.379727	2.910022	4.29184	3.39583	3.162984	3.300476	5.350291	3.619449	2.549278	3.555672
2.283204	3.547381	1.926506	1.686022	2.348684	2.291561	1.21901	4.425913	3.857951	3.077017
3.047568	2.474609	2.495478	2.46198	2.514074	3.446471	2.631809	3.841853	1.582112	3.036561
4.139648	2.784435	5.775923	4.560924	4.325595	4.463869	7.713611	3.547157	2.853299	3.849425
5.708608	5.114152	5.62826	5.27309	5.367926	6.625301	7.324585	5.728953	5.974709	5.818383
6.426709	0.590915	3.707264	1.977299	4.327397	1.672803	3.761505	3.026527	0.580312	5.131571
2.52257	3.536636	2.65002	3.439492	2.05998	4.918016	3.093063	4.268123	3.842855	3.705524
2.70632	4.515696	1.975471	3.084379	2.529369	1.614807	0.970441	4.295688	4.023239	3.408498
2.1887	2.486911	2.464122	2.609262	2.325332	2.863313	2.036448	2.921012	2.577173	2.768408
2.735899	3.083281	3.87009	4.181452	3.28786	3.86141	4.285887	3.010857	3.497602	3.25963
1.835113	2.029991	2.338492	1.828997	2.130793	1.446298	2.58285	2.846286	2.72291	2.166113
4.101317	3.632827	4.195992	3.760666	3.731583	3.770274	2.834945	4.193369	3.409254	4.535562
7.032753	6.518118	6.73905	5.540916	7.902447	7.66701	7.739722	8.056682	7.902571	6.834809
0.771213	0.586661	1.146472	1.268509	0.586661	0.92792	1.939426	1.000272	1.117221	0.961261
5.250254	5.250822	5.200279	3.782756	5.304771	5.991376	4.240722	5.384018	6.560459	4.928251
1.226118	0.924616	0.770196	1.852858	0.437399	1.377917	1.542849	1.185625	0.891656	0.788164
3.230992	3.806806	3.438324	3.674204	2.207132	2.567425	2.2321	4.033755	3.544793	3.699764
0.677746	1.604174	0.53264	2.391156	3.751312	6.736842	2.127962	2.212673	2.107603	4.956657
1.68134	3.208668	1.416205	2.115811	2.100647	1.866474	1.667643	2.734486	2.442483	1.964797
2.815441	2.922166	2.938292	3.169932	3.731085	3.344863	2.186895	3.973296	4.398008	2.4579
3.515922	5.314515	3.802583	4.375531	4.688944	3.603742	2.537319	7.235387	5.608545	6.088859
0.132856	0.993062	0.277689	1.051356	0.264041	0.704473	0.821807	2.454441	1.931225	1.314202
3.335894	3.541111	1.892922	1.366547	3.697035	3.375958	2.223449	5.084874	3.817599	3.613113

1.403063	0.489837	-0.00887	1.584398	1.309575	0.415506	0.59973	0.711157	0.302554	-0.08268
3.586987	5.931083	3.133279	1.951296	4.793052	3.071595	1.97552	6.275587	5.88519	3.912962
1.38754	1.732814	2.122443	2.592114	1.137638	4.196543	1.63775	1.744325	1.132126	2.025179
3.101021	3.766127	3.924946	4.333957	3.451942	4.136119	4.473987	3.632836	4.113075	2.858491
3.021374	3.73416	2.606949	3.202156	2.98775	2.3563	3.221968	3.060854	3.01024	2.382466
6.636201	5.704344	6.450482	4.70762	6.059587	4.969691	3.630326	5.99608	4.197432	6.353271
2.921561	3.632064	1.804476	2.013603	3.244496	1.686762	2.188685	5.034912	2.621799	2.933185
6.794472	4.653551	6.977057	7.41587	7.488062	6.623152	5.142	5.308358	6.294533	6.844424
2.086899	3.75879	2.095376	1.309414	1.835913	1.434629	1.657857	3.639612	5.578978	3.547153
1.885325	3.049032	2.277475	2.706935	1.74446	2.924963	1.868669	2.645241	2.722456	2.880014
3.818561	4.833866	2.835022	2.837672	2.342366	3.896077	1.787573	4.601182	4.33477	3.091072
-0.06362	0.538665	-0.02807	0.695614	-0.06362	0.817203	0.341056	1.368669	0.32375	0.093966
9.045185	7.416858	8.68347	7.974385	8.087949	7.88787	9.436805	7.99966	7.71035	8.431441
4.11971	4.858723	4.772651	4.236777	3.187633	4.486875	4.605456	4.177091	4.761738	4.596895
2.693384	7.814735	1.882231	2.866923	1.882231	2.912076	1.83912	2.720002	4.801525	2.815269
0.569213	0.831061	0.477747	1.038591	0.351458	0.932752	1.336277	1.541276	1.061013	1.285582
3.543178	4.4804	4.472289	4.299794	2.70954	2.981639	3.097467	4.943662	4.359835	3.031185
2.838302	5.367788	0.486981	1.420768	1.558957	1.648193	1.051787	4.702774	4.049598	3.92174
2.718087	3.07813	3.11801	2.668507	2.171465	2.225808	3.178564	2.870207	2.971959	2.640153
2.737856	3.702278	2.964611	2.848801	2.810485	3.136447	2.230712	3.043654	3.195121	3.323278
0.064874	0.064874	0.158083	0.430712	0.100619	0.146793	0.879905	0.223829	0.135403	0.015621
0.021991	0.240877	-0.03658	0.82522	-0.03658	0.571877	0.497284	0.425943	0.323707	-0.03658
2.664069	5.088476	3.620616	1.407825	3.396498	1.586725	2.139711	3.830094	2.755332	4.531838
4.086957	0.902565	3.388806	2.678426	4.26781	1.207018	2.207912	2.280818	1.276524	2.604078
3.399143	2.571633	2.146242	2.333834	2.637601	1.265641	1.750082	3.611957	2.230632	3.312333
2.75093	2.148272	3.092607	2.940303	2.599096	3.357981	2.157152	2.426067	2.127385	2.61992
4.143086	3.973956	3.344276	5.041051	3.293919	5.028891	3.439354	5.507698	3.867313	3.966395
7.810718	5.951101	7.096582	5.415619	7.419602	6.676917	6.913646	5.683702	6.489967	7.958775
-0.03597	0.233924	-0.08309	0.93452	-0.08309	0.810638	0.677015	0.281659	0.405571	0.129065
1.15696	2.721645	0.903823	1.181225	1.193208	2.200528	0.551933	2.562251	3.093691	1.974179
3.12846	2.921821	3.244067	3.479053	2.543501	2.85999	1.628846	3.371838	2.345234	3.34314
7.876344	4.829871	7.216008	6.142977	5.856219	8.393548	8.421776	5.343765	3.657666	6.499076
0.012365	0.040049	-0.00167	0.527276	0.067229	0.381826	0.268524	0.145925	0.040049	-0.0739
0.206552	1.3767	1.73212	0.894294	0.290608	0.33057	1.342716	2.587434	0.94298	2.287498
4.053672	4.250298	3.972137	3.960963	3.885188	2.533212	2.753958	4.443606	3.845536	3.678299
5.917477	5.272017	6.297124	6.131658	5.848716	4.812545	7.213014	5.143705	4.719123	4.968265
4.659859	4.600358	5.577504	5.5264	5.294938	6.305425	6.008246	4.838989	5.519764	5.156964
5.221645	3.395042	4.184911	4.60166	4.729192	3.333102	4.044662	4.015853	4.847594	4.905178
3.228954	3.446659	3.737078	3.97881	3.703488	4.408787	2.971945	4.687572	3.828339	4.138398
0.601057	1.498966	1.088321	1.327448	1.833985	1.60255	1.677191	2.603339	1.980141	1.401734
4.877822	8.125758	4.932797	3.59307	4.178982	2.366365	4.395079	7.483677	8.682135	5.818994
-0.04249	0.122851	0.019074	0.510544	-0.04249	0.417652	0.317376	0.269021	0.391085	-0.04249
5.873871	7.530152	5.501203	4.052648	4.563958	4.595271	5.708606	7.112451	8.309305	6.97169
3.617556	4.853646	4.103677	3.403896	3.754762	4.877096	3.671842	4.895817	4.441448	4.121664
4.216045	6.257274	4.156472	4.478917	4.663038	4.885111	2.894744	5.492559	5.654019	4.85668
2.578052	2.746664	3.22796	2.469229	1.730479	3.847605	2.075359	2.164574	2.055595	3.480065
4.197169	5.194542	4.267554	3.639665	4.074293	4.632197	4.607276	5.395491	5.503698	7.652748

0.85507	1.089819	2.302553	2.591788	2.880607	3.70025	1.618065	2.009898	4.249706	1.260751
-0.03005	0.232321	0.734385	0.873178	-0.03005	0.422597	1.91866	0.282187	0.193809	0.25746
3.570283	4.676338	4.16477	3.971858	4.633291	2.594836	1.108259	4.535913	5.053434	3.92646
0.245019	0.61225	0.245019	0.301581	0.38247	0.356008	0.38247	0.38247	0.38247	0.369299
0.140456	-0.00368	0.370066	0.177354	0.442397	0.165161	0.724697	0.165161	-0.00368	0.023638
6.10491	6.119012	5.808037	5.314809	7.198938	4.680507	6.747574	5.452474	5.720324	6.573209
4.407487	2.782195	3.515384	3.532176	3.504305	3.085741	2.742122	2.914834	2.640589	3.860958
1.698225	3.37919	2.450418	2.470799	2.024236	2.006294	2.872129	2.785713	2.642122	3.273341
1.048537	2.188177	0.777252	1.172369	0.289832	0.748501	1.565523	1.310948	2.292512	1.709321
5.994087	8.771175	6.040517	4.649859	6.049898	6.113787	5.450007	9.177615	7.571652	6.68471
0.068583	0.202725	0.003635	0.527216	-0.02556	0.327742	0.210534	0.34825	0.263531	0.041269
1.279761	3.651887	1.005763	2.310451	1.60641	2.292908	1.109463	3.965667	3.135517	2.477614
2.251095	3.437163	2.612962	2.868549	2.981854	2.275762	1.269525	3.298999	2.99861	2.843288
6.332007	6.189048	4.887734	4.641682	4.417373	5.09484	5.630618	7.403218	5.808027	7.371737
0.168681	3.666846	0.113314	0.384402	0.160945	0.213963	0.536895	1.726746	1.906991	0.403146
0.076755	0.351712	0.040415	1.127962	0.067783	1.231862	0.438434	0.542334	0.658355	0.162636
4.037207	4.117162	4.245808	4.332999	4.437096	6.294168	2.14044	6.114595	4.79761	4.552437
4.873144	4.029248	6.595619	5.658154	4.783712	4.772576	7.809873	4.467163	4.264506	5.402231
0.153997	0.164992	-0.02312	0.917306	-0.03583	0.794979	0.300063	0.280173	0.309896	0.153997
8.514132	8.395759	9.025037	8.094582	9.299975	9.655987	7.496985	9.117706	9.215361	7.877104
4.313175	5.087245	4.442991	4.790522	5.032124	4.824962	2.786266	4.701626	5.646684	4.089391
0.73326	3.455677	3.913267	1.394045	0.960818	0.8499	2.757212	3.862001	4.877959	5.160216
8.059375	8.50686	5.258928	7.205079	7.591986	5.358777	5.749207	8.538105	8.566095	8.185086
3.33943	2.24394	4.49407	3.615942	3.944246	4.803956	3.315533	3.598947	2.528692	3.016185
3.232929	3.139548	3.043389	3.483757	2.437034	4.115056	3.510993	3.555608	3.014144	3.005947
1.22766	2.281249	0.816196	1.71172	0.87324	0.725645	1.015821	2.520544	1.881698	2.013559
0.0564	0.09456	-0.02435	0.313602	0.066071	0.08515	0.149318	0.372732	0.131381	0.0168
0.739985	1.787358	0.591879	0.286391	0.374393	0.591879	1.640017	2.791884	3.296108	0.637042
5.063711	5.567206	3.480714	3.309896	3.331384	5.902826	3.487566	6.362212	4.583619	5.644402
2.807374	8.208598	3.305538	2.902204	2.747398	4.101438	2.715679	4.846775	8.123361	3.254836
1.996008	3.54301	1.456154	1.225216	2.57973	2.117978	0.725505	3.519884	2.52204	2.653795
5.844822	5.588422	4.65756	4.664471	4.477645	3.896395	5.039189	4.188788	4.191431	4.190374
1.154729	1.291669	3.08479	1.25652	1.367486	1.291669	2.663811	2.964941	1.849001	3.9765
5.002901	6.321256	5.809376	6.308853	5.378903	4.464936	4.426313	5.108259	6.786087	4.52022
1.81434	1.241775	1.276862	2.177814	2.048652	1.71183	2.532881	1.412958	1.770868	0.355678
2.738169	2.923748	3.219062	3.144123	3.408571	4.15143	3.543523	3.607145	2.784723	3.039765
1.09904	0.965264	0.784261	0.484037	1.656614	3.266455	0.45497	1.381988	1.315506	2.048314
0.181214	1.121811	0.371371	1.01256	0.445276	2.098767	0.514778	1.651236	0.779295	0.300604
4.2302	3.69014	5.172671	2.303578	5.644244	4.21602	3.592009	3.869546	3.641727	3.283237
7.346648	6.501156	4.775411	4.54521	5.288106	3.052442	4.009569	6.969959	6.044737	6.229659
0.7652	1.025163	0.330708	1.237803	1.092579	0.799745	0.69331	2.121972	0.69331	0.779125
4.705824	6.986071	5.520243	3.373679	4.070251	3.521425	5.343594	7.373712	7.375337	5.888313
7.242655	4.810748	7.203822	6.653533	7.000145	6.342991	5.686299	4.260259	5.115101	7.385593
-0.00655	0.162296	0.265256	0.77782	0.795472	0.349951	0.821571	0.080219	0.373306	0.066097
2.619747	2.6238	2.839745	3.059929	2.828127	2.034067	2.985785	3.779667	3.326764	3.050997
2.245476	2.820617	1.010358	1.047526	2.512847	1.079193	0.891971	2.968472	2.204999	2.225396
2.854555	3.098522	2.27349	2.260103	2.090899	1.889893	2.02255	3.947472	2.821235	2.914226

3.540702	3.278217	3.866226	3.645271	3.934524	1.011095	3.513977	3.487676	3.954306	4.652877
2.210033	2.911492	1.835919	2.015678	1.451556	1.089471	1.424768	2.156599	2.567618	3.017469
3.463302	1.459659	2.066717	0.877662	2.408779	0.723282	2.737134	2.284004	1.776779	3.631251
3.652035	3.625736	2.769129	2.480114	2.837223	4.515808	2.420599	4.012491	3.645496	3.887206
9.89906	9.203145	7.829045	8.745508	10.06746	8.084127	9.06445	10.12864	8.675284	8.372607
5.956984	4.321864	3.970699	4.659029	3.576276	4.467934	4.299109	3.258397	4.32651	5.891025
3.262842	4.054154	2.870773	1.712625	3.979065	2.552292	1.562979	5.692103	3.644294	4.088125
8.951407	6.128342	8.444926	7.178504	8.102848	7.195243	6.97306	5.627192	6.037435	7.624408
3.76009	2.641135	4.908648	3.968553	4.720049	3.801691	2.973891	2.303329	4.036864	3.716203
2.119104	2.485253	3.391749	3.79659	2.7936	3.376022	3.328418	2.367283	2.760034	2.487763
0.292467	2.608252	1.354701	2.07312	0.993956	2.280839	2.528466	1.437347	2.289259	0.713849
2.465796	2.572073	3.049852	3.243821	2.680346	3.385706	3.30501	2.454589	2.499004	2.967328
4.448837	2.409562	4.547422	3.522386	4.006032	2.130092	4.307383	3.821379	3.415961	4.103162
2.763523	3.568624	3.08198	3.283582	2.293987	3.536498	2.784622	4.122455	3.353674	3.090283
2.116596	2.380363	2.281671	2.621245	1.841109	1.660943	2.286689	2.151919	2.846332	2.418905
2.951975	3.57617	2.86515	2.568043	3.347006	3.645908	1.329678	4.704506	3.120874	4.090934
1.163917	2.020335	1.642505	2.121731	2.017258	2.465754	1.455116	2.038681	2.086642	1.514402
3.72702	1.530934	3.420873	3.152791	2.439494	1.766813	3.261746	2.809958	2.865965	3.575834
5.55963	4.761495	4.008126	2.895644	3.630628	3.146552	4.581716	3.041978	6.370199	5.41307
4.172511	3.999745	3.941591	3.352717	4.150625	4.690415	2.922646	3.914423	4.692788	3.664897
1.397421	1.710626	0.717294	0.500001	1.202955	3.218113	0.388675	2.495765	1.938039	1.710626
4.401334	4.484718	4.117837	4.355053	4.870619	3.96765	4.473749	4.620092	4.425925	4.998872
2.84344	5.102274	1.727449	1.676995	1.158368	1.818643	1.75083	4.573609	1.899933	2.302803
4.436679	5.541234	3.841606	4.132314	4.119606	3.911791	2.600685	5.507945	4.943034	5.348476
5.264488	4.486447	4.78743	5.192664	5.006701	4.777767	4.90978	4.336186	4.712742	4.244184
4.255391	4.976016	5.2175	5.329632	4.3526	3.685555	4.7342	4.707843	4.526716	4.215103
5.094605	6.393488	4.54832	4.229484	4.444825	3.657706	4.656013	3.85895	5.36238	4.251652
5.090525	5.712551	5.448362	5.289975	5.180334	5.118115	4.573508	5.554409	6.145592	4.749216
8.991691	3.737743	7.256073	3.620457	7.04395	3.066462	6.107849	4.681604	2.399916	7.715517
4.767154	7.510598	3.896837	4.587802	4.293298	0.885056	2.122025	1.7332	8.362936	6.441769
2.703937	3.698815	2.493484	3.426596	2.723417	3.833878	2.908713	3.648547	4.112146	3.641659
6.388626	5.586428	4.848038	6.332254	5.105162	4.341115	4.503789	5.100369	5.326994	3.34648
2.758844	3.027716	2.5171	3.225467	1.890734	1.851204	1.547416	2.531232	2.694903	2.114029
2.442455	3.806151	2.356013	2.943606	2.60547	3.443669	1.866123	3.87731	3.513811	3.132504
2.999231	3.901931	1.412253	2.940065	2.005947	3.937568	1.598498	3.482956	4.077898	3.072138
3.199802	4.44577	1.646395	2.247391	2.54587	3.384824	2.283502	4.873402	5.046114	4.387133
0.081454	0.471449	0.445051	2.443977	0.092955	0.843735	1.059267	1.36965	0.620075	-0.01416
4.279583	4.783095	5.309894	4.996697	5.643503	6.007993	4.854934	5.17977	4.761234	4.848438
5.738262	4.182267	4.162461	3.334582	3.672363	2.62593	3.833478	4.283221	4.0146	5.413504
5.04556	4.240841	5.438225	4.50205	5.49346	5.095769	4.369366	5.787476	4.070962	4.646297
0.33306	1.995832	0.06745	0.516238	0.293857	0.802133	1.087227	0.712219	2.204117	-0.075
3.715035	0.172989	1.868146	2.08743	1.176336	0.707033	2.25238	0.460236	-0.04387	2.305847
3.411508	3.884572	3.268536	3.279087	3.354359	4.966067	4.06914	3.807182	4.542094	3.41854
3.879612	6.935034	2.877097	2.106329	4.247108	1.634225	0.871795	6.30842	6.54245	4.802258
1.529258	1.833787	2.100307	2.118888	1.443005	2.4448	2.02347	2.052771	2.303343	1.579513
5.536091	2.744376	3.287033	3.077511	3.62617	2.748787	1.766867	2.818179	3.597967	3.627644
6.237673	6.317317	6.28911	5.949142	5.759336	6.224076	4.567373	6.110658	6.046987	5.858291

2.021585	2.91898	2.576505	3.279836	2.367901	3.343221	2.405571	2.68604	2.554538	2.420845
0.587152	0.954739	0.708259	0.934218	0.640484	0.708259	0.657772	0.941095	0.818754	0.559616
4.163424	5.626036	4.512724	4.176479	4.362851	4.573124	5.197777	5.671165	5.002001	4.000887
3.680713	4.388102	3.277825	3.157028	3.293064	3.585703	2.152784	5.796923	4.06021	3.428146
0.166491	1.00281	5.013215	4.040474	1.096675	0.942342	6.490066	4.297455	1.523328	2.117363
2.245894	2.755662	0.954588	2.035243	1.641489	1.83017	1.080335	3.464592	3.457497	2.371881
0.213096	0.263213	0.08786	0.756722	0.000565	0.576897	0.429651	0.56159	0.524913	0.175656
5.264884	5.232323	4.827611	4.800638	4.713111	6.428853	4.537576	5.920143	4.764909	4.803655
5.658877	6.110006	2.418361	2.869722	6.351226	4.105901	3.411626	7.016585	6.136565	6.115125
6.406411	7.143799	5.5938	5.469196	5.270752	7.019162	5.233509	7.451662	6.802128	6.218102
5.010671	5.007723	5.688212	5.560314	7.534855	5.622782	5.313381	5.371261	4.285357	4.462495
3.535709	4.360502	2.863033	3.891105	3.099154	5.216955	4.345445	4.901219	4.558033	3.726582
2.967711	3.37772	2.627566	3.349456	2.976856	2.966182	1.123987	3.468109	3.440048	2.852589
3.102177	3.323529	3.556363	3.405358	3.513353	3.807766	3.45637	3.356684	3.589543	2.709889
1.446274	0.291933	0.57292	0.595013	0.196155	0.472563	0.372456	0.565471	0.803593	0.609535
0.46365	0.086216	2.248863	4.573121	0.612779	1.371227	5.453017	0.221252	0.285062	0.346633
1.553031	2.136704	0.460806	0.607624	2.223428	3.606774	0.090465	2.870878	2.333746	2.639302
1.318497	5.900026	0.494582	1.196764	0.701306	1.061067	1.74363	6.029857	6.605863	1.333622
5.863443	6.913769	6.038734	5.850368	6.747649	6.060273	5.277235	6.359135	6.336141	5.954466
4.038526	3.223112	3.003221	3.241916	4.069277	4.334044	3.46135	3.883706	3.792024	3.807221
4.730546	5.199907	4.606521	4.429251	3.186223	4.30957	5.092994	5.050904	5.313526	4.684486
3.114466	4.513566	3.491856	4.083327	4.07688	3.373385	3.003483	3.648967	5.221769	3.002321
3.558809	3.12547	3.164946	2.712859	3.032424	2.629258	2.375447	2.975199	2.819856	3.101334
3.093612	3.774608	3.428988	4.514962	2.487617	3.657618	4.000412	3.831999	4.090939	4.077082
4.276161	3.566371	5.777849	6.030737	5.152462	2.966312	4.588831	2.797382	3.727229	4.211574
4.06505	1.841055	4.442238	4.364288	4.922014	4.711098	4.053299	2.592416	0.839637	3.096455
1.863607	2.846017	2.63952	3.198994	2.768237	2.418235	2.054631	2.213768	3.354238	2.418235

CGGA_73	CGGA_76	CGGA_79	CGGA_79	CGGA_80	CGGA_87	CGGA_DC	CGGA_D1	CGGA_D1	CGGA_D1
0.488499	1.15913	1.137223	1.322015	0.134531	1.101365	0.20079	0.867481	0.043936	1.503393
0.490646	0.895896	1.102728	2.262567	0.995331	1.315865	1.45135	1.057748	2.260494	1.057748
5.351084	4.456031	5.570245	6.012766	6.62972	4.898409	4.970511	4.959614	5.288423	6.539475
5.524207	2.801629	2.771691	5.138351	5.785308	1.974477	8.338892	5.897292	2.238187	4.328058
1.335634	1.238982	1.153513	0.216875	1.323416	1.230238	0.271863	1.323416	0.858463	1.052223
8.334169	6.00251	7.85016	6.109162	6.019399	5.92296	5.363666	7.37712	7.753178	7.438013
5.475164	5.180353	5.699666	5.850526	5.502756	5.374408	5.4539	6.206328	6.294985	5.879313
-0.07262	1.408656	1.233341	0.712018	3.099357	1.499396	1.109177	0.425722	-0.03449	1.294492
0.050045	0.215451	0.050045	0.075585	0.208216	0.569528	0.593675	0.083942	0.116629	0.236816
6.057534	6.48039	5.306402	4.12082	5.791901	5.602713	4.04285	3.980736	4.584007	5.71827
5.003211	4.617726	4.587736	5.222759	3.723635	4.366673	3.188679	5.526992	4.294065	4.532364
1.462583	3.185288	2.895848	2.681456	3.930517	3.130478	1.469866	1.72657	3.401336	3.114708
2.958114	0.742395	1.666449	2.74224	2.18689	2.013458	2.507916	3.532751	3.030429	2.942907
3.349374	2.878405	2.930452	5.500143	3.678357	2.495195	4.698641	3.21866	5.301612	3.593165
4.872772	4.942886	5.249894	4.173504	2.888254	5.010411	3.221658	5.704183	5.306814	5.035476
4.656982	3.218553	4.41387	3.074241	1.865687	2.896032	1.453352	5.38824	3.976104	3.735586
1.365883	0.511191	1.748763	2.256828	0.286589	1.024613	0.404121	2.793564	1.949149	1.903302
9.208541	6.791039	7.576401	8.149159	8.009191	7.132689	7.662975	8.125001	8.59299	8.75186
5.120004	5.971931	6.014784	3.024657	3.066556	5.765744	3.269833	5.467344	4.457302	4.602812
4.945206	4.092326	4.077523	3.917435	3.23292	3.36933	2.013597	4.684196	4.213586	4.330908
3.652151	3.672462	2.710006	3.138885	1.738353	3.317589	2.910379	2.586127	2.781746	3.613697
2.32101	3.376952	3.5782	3.436309	3.17439	2.957855	2.640724	2.410204	2.510508	3.393262
3.674827	3.033042	3.152029	2.84095	3.218403	2.588316	1.571569	1.694369	2.727508	3.732569
2.459187	0.030746	0.710065	0.117221	-0.02017	0.321052	0.079564	1.863545	2.59172	0.887268
3.773876	3.098353	3.938427	3.553789	3.918823	2.902036	1.787475	2.689459	2.974673	3.350935
2.456155	4.771078	4.126686	3.390316	1.040644	4.527545	1.439062	3.233893	3.175248	3.520037
0.563794	1.574675	0.512671	0.93367	0.443437	1.213531	1.221653	0.836261	0.263701	0.157087
5.981458	5.33034	5.348513	4.567604	3.608859	4.827186	3.92352	4.716722	4.417989	4.025737
5.081094	2.69764	3.969831	2.702469	5.469864	2.628667	2.820795	3.208525	2.30195	3.53918
4.780908	4.63354	4.520415	3.998631	3.959587	4.667244	3.214828	4.349865	4.043463	4.752614
2.927165	1.003192	3.282314	3.377482	1.020016	1.607802	1.413165	3.631331	3.957939	2.392259
5.75153	4.387037	4.971909	3.93534	5.432024	4.24995	4.364512	3.329422	3.201625	4.247577
5.810112	4.458793	4.697652	5.268541	4.271447	4.919494	5.267326	5.191089	3.240661	4.366714
3.586631	2.827912	3.211027	3.163525	2.590588	2.552884	1.759618	3.784413	2.695918	2.328419
3.038819	2.35516	3.274889	1.547008	3.863322	2.225543	2.16503	2.758772	3.942369	3.016042
2.718954	2.465123	2.491454	2.128893	1.105151	2.381443	1.14011	3.106987	3.371503	2.124212
4.965961	5.361567	5.536766	4.297154	7.243658	5.253413	3.411318	6.429369	4.641888	5.508244
3.856231	3.310127	3.988486	3.823313	3.829943	3.575081	3.861816	5.046552	4.567941	4.557078
4.663174	4.349388	4.946803	4.862612	4.491117	3.792762	4.766601	4.533686	5.411797	4.980895
0.107505	-0.08958	-0.00426	0.074416	-0.10957	0.500259	0.629479	-0.00426	0.013764	0.162922
1.995489	0.164947	-0.11109	-0.05694	-0.15623	0.250006	0.004987	-0.02558	0.559801	0.258192
3.294165	2.455643	3.362107	2.58593	3.770228	2.499401	2.410614	2.826408	3.428678	3.3836
1.99531	2.211596	3.636075	3.22718	1.580858	1.616604	1.461157	3.101396	4.962759	4.016586
1.677083	1.352116	1.141868	1.026856	0.385802	1.387532	0.97972	0.900499	0.602892	0.596433
1.873468	0.624032	1.034255	1.918319	2.580176	1.048341	0.885939	1.730637	1.027164	0.976606

9.689397	8.635289	9.909014	10.74693	9.768692	9.149881	10.25859	11.20385	12.66313	11.54813
4.83509	6.180699	5.694835	4.279573	7.745281	6.416595	5.418226	4.331587	3.617382	5.502389
4.980871	4.448049	4.276732	3.352914	5.722244	4.342706	2.976134	2.309906	3.52727	4.778369
1.864732	1.46766	1.340215	0.124891	0.115697	1.297167	0.169891	1.89703	1.198582	2.36931
0.603989	0.335995	0.921982	1.611068	1.200053	0.565401	1.805499	1.048871	0.288977	0.580966
0.18727	0.763983	-0.01714	0.474269	0.558492	1.897266	1.022938	0.165939	0.030859	0.661096
2.38846	2.084657	2.140116	1.625413	1.251669	1.938693	1.343552	2.781005	2.008888	2.359805
3.311269	3.958305	3.871332	5.206075	5.082771	4.535761	3.773665	5.450888	4.400993	5.399861
4.967745	3.253697	4.244079	4.822702	3.041236	3.666342	2.651	3.588098	4.812109	4.551941
0.336036	0.44267	0.317067	0.011964	-0.08933	0.366851	0.317067	0.257826	1.106973	0.573675
1.744505	0.861786	1.671303	1.982328	-0.0742	0.652739	0.679944	4.165425	2.507377	0.040832
8.621676	6.643676	8.605728	8.313305	6.994452	4.899637	7.385224	8.067745	8.068138	8.078254
9.857003	8.733711	7.1242	10.0499	8.480025	9.039174	6.71046	9.241508	7.038585	8.655176
5.21081	4.631121	4.303308	3.938298	4.937894	3.343557	1.525591	3.938298	2.081132	4.160307
1.968901	1.705732	1.965083	1.360411	0.336924	1.539195	1.517806	2.436317	2.588183	2.715606
3.350081	4.749674	5.030443	5.269671	7.044451	5.183741	5.398021	5.233103	5.906218	5.931285
1.656237	0.777081	2.051627	1.904321	0.516451	1.19182	1.794107	2.551316	4.571621	2.650591
2.939583	3.331322	4.134044	2.736183	4.217761	3.259985	2.299967	3.415572	3.915101	3.234441
0.162627	0.923818	2.213768	0.943813	1.925248	0.774389	2.202644	-0.17991	0.372326	0.963503
10.2626	8.173267	9.397226	10.58854	10.02634	7.98827	11.65676	10.28482	6.106524	10.67384
3.751561	2.888792	3.456213	3.059783	1.84749	3.190561	1.549936	3.755047	3.458258	2.393668
3.907532	3.734151	4.39048	3.960753	2.520147	3.286112	2.209605	4.535111	3.934742	4.496575
0.310899	0.675368	0.413167	0.802468	0.300276	0.940561	1.189358	0.032416	0.779447	0.383216
6.122102	4.969751	4.629679	5.877509	5.403965	4.775689	3.982043	3.872582	4.787901	5.905484
2.815201	3.430783	3.440204	3.259574	5.439475	3.353676	2.539236	2.885009	3.077721	3.938825
2.327201	1.753263	2.431422	2.88505	0.683309	1.913784	1.439097	4.394195	3.786964	3.26486
3.121434	3.152898	2.653001	2.238614	2.689077	2.210022	1.758844	3.913835	2.797063	3.457962
3.437787	4.076067	5.157871	4.769862	7.571864	4.240128	4.350248	3.916573	3.999418	5.753756
4.368738	4.749756	5.706332	5.180004	7.4049	4.607294	5.415277	6.476529	5.602723	5.72107
2.339021	1.915792	3.896559	5.915896	4.873993	3.644246	4.480275	3.148816	5.968392	4.554909
3.305996	2.040795	2.850896	4.473565	1.786332	2.739451	3.722621	3.690427	2.847408	1.873271
3.368814	2.150524	3.049002	3.090722	0.646341	2.443754	2.148533	2.656265	3.653517	2.189784
3.180204	3.60317	2.991429	2.417692	1.697281	2.546351	1.234864	2.878671	2.312939	2.076869
3.360743	3.467642	3.845192	3.272964	4.54477	3.186418	1.772907	3.135506	2.129614	3.343168
1.42858	1.942104	2.151502	2.569745	2.502359	2.03212	1.632209	2.136741	1.733975	1.867699
4.234957	4.953296	3.971461	3.919426	3.059771	4.179326	2.098159	3.056805	3.344016	4.551174
6.968092	6.24469	6.782246	7.866506	7.443365	6.389004	6.732573	9.388344	7.797473	8.614095
0.125814	0.92792	1.186444	0.748449	1.66125	0.961261	0.669841	0.507424	0.303443	1.186444
5.476294	5.613012	4.402392	5.146272	4.429776	5.270633	3.740413	6.230182	4.751506	5.570623
0.525154	0.779207	0.514463	0.874898	0.761129	1.13695	1.857226	0.205614	0.30763	0.218755
4.168531	3.658196	3.654624	3.325676	1.685448	3.727643	1.751628	3.901887	3.605846	2.342018
0.976816	3.153316	4.876895	2.614493	0.783173	3.450528	2.005658	1.44336	3.435869	4.684795
2.231659	2.212991	1.950756	1.997944	1.366095	2.087885	0.903351	1.839274	2.615559	1.625742
2.624656	3.23338	2.996543	3.296548	1.716567	3.135101	2.144118	5.255499	3.844944	3.086012
4.982182	5.397953	4.948764	5.905434	2.060196	4.743749	4.552621	6.161358	6.204314	3.751453
0.200417	-0.05237	-0.10886	0.207672	-0.24231	0.140572	2.18201	1.350343	1.319439	0.578158
2.565579	1.08431	2.787761	3.651183	1.736752	2.209306	1.991999	4.747362	4.841979	4.025398

0.711157	1.010669	1.464142	2.716151	0.772557	0.382497	0.520608	0.061507	2.073922	2.131017
4.066175	3.721279	3.606665	3.838936	1.689192	3.504242	2.59536	4.840027	5.545238	4.518337
3.12323	2.378999	1.528252	0.810412	1.19177	2.304179	1.254491	0.88888	1.098671	1.2442
3.460251	3.916356	4.124633	3.142601	4.609198	3.865059	2.833341	4.03106	2.990049	3.357952
2.690052	2.753699	2.433607	3.268588	3.065184	2.328045	2.507514	2.760192	3.90262	3.907212
6.508141	6.706114	5.910276	6.43945	3.604597	5.944313	5.703827	3.739437	5.695521	6.657568
2.072499	1.318296	2.68416	3.418256	1.208592	1.660805	1.737412	3.551385	4.834738	3.555277
5.432461	6.246311	6.570962	6.981729	4.748935	6.936438	5.736843	7.319114	4.719093	7.962658
2.269874	2.213593	3.605301	2.990671	0.9042	1.498446	3.177868	2.705167	4.371237	2.586985
1.78587	1.865878	2.699993	1.365174	2.063825	2.281892	0.836471	1.281535	1.361456	2.20296
3.855287	3.464809	3.288555	2.82171	1.817418	2.595643	1.06458	3.436563	3.278466	2.996519
-0.06362	0.028939	1.090197	0.061892	-0.06362	0.270288	0.588636	0.60254	0.834426	0.297316
7.565318	7.970725	6.311829	9.349493	9.610911	8.417184	8.639801	8.403115	7.690828	8.883459
5.71595	4.990866	4.734364	5.55618	5.176963	4.226225	3.191317	5.625072	4.02023	4.345075
4.055548	2.522765	3.250297	3.414588	2.12521	2.35822	1.691956	2.354743	2.440628	2.283216
0.763328	0.3324	0.735242	1.049849	0.460421	0.569213	1.218142	1.762344	1.336277	1.638477
4.831248	5.415259	4.088494	3.275064	3.400073	4.117795	2.35264	3.661096	4.407372	4.695992
3.395383	1.873826	1.904346	3.136278	0.345642	0.724971	0.820604	4.360862	3.448482	2.547818
3.103752	2.815307	3.371386	2.528719	2.87381	2.727846	1.137612	2.34675	3.138415	2.994021
3.451056	3.243102	3.150982	2.924387	2.136486	2.823355	1.784082	2.97342	2.961665	2.684709
0.088814	0.412375	0.123912	-0.02259	0.873457	0.265873	0.484212	-0.00973	0.015621	0.924158
0.010502	-0.03658	0.120722	0.066876	-0.03658	0.332567	0.481793	-0.01281	0.099473	0.110144
3.130487	3.64325	2.805599	3.782117	1.067723	2.560278	2.627215	2.267066	2.312474	1.615869
1.476062	4.111385	3.976699	3.564243	1.606605	3.930561	3.388806	0.416635	2.353532	4.372303
2.308677	1.807929	3.704312	3.005549	1.238463	2.253049	1.925004	4.101788	2.804574	1.621314
3.680571	3.668846	2.4081	1.957825	2.171858	2.784919	1.778444	1.964389	2.506056	3.056597
2.850795	3.794617	4.988878	2.99979	3.163724	2.696612	2.46258	3.202788	4.528168	4.136109
8.155759	6.248047	7.151598	7.528254	7.078876	6.68887	6.117639	6.981042	5.464866	6.62729
0.071052	0.077707	0.396685	0.036928	-0.00602	0.09735	0.509115	-0.03597	-0.05918	-0.08309
0.774638	0.087548	1.739473	1.419409	0.266778	0.35408	0.758661	3.338655	1.356748	2.783251
3.129446	3.442907	3.239433	2.761301	1.184687	3.438753	0.777057	2.403493	3.482303	2.416676
6.610705	5.886093	7.046871	6.947174	8.684623	5.8931	5.558127	5.704402	6.687409	7.864364
-0.03015	0.268524	0.093924	0.220684	-0.00167	0.107095	0.107095	-0.04459	0.053701	-0.03015
0.746697	0.768901	0.421481	0.801471	0.610583	0.49241	1.756954	0.629217	2.801269	1.816924
4.269512	4.291027	4.234993	4.15714	2.892742	3.513197	2.535672	4.604637	4.257905	2.880434
4.895104	4.730616	5.153729	5.003309	7.647081	5.096055	6.302717	5.472755	5.632945	5.983358
4.792998	5.371069	5.665568	5.183167	5.951076	5.408737	4.68204	6.05717	4.547147	5.695861
4.426097	4.004919	4.753792	5.344893	4.281522	4.070636	4.223808	5.201955	4.132714	3.855786
4.051351	4.313008	4.39293	3.922118	2.811637	3.819086	2.638288	4.211342	4.212409	3.573184
2.036486	1.079727	0.69477	1.008588	0.418284	1.066715	1.462285	1.920931	3.082109	1.017722
4.75687	4.541536	4.406592	5.741818	2.695279	2.574263	6.783967	6.581201	7.969474	4.3985
-0.04249	-0.01751	0.006998	-0.01751	0.208437	0.249148	0.298255	-0.04249	-0.04249	-0.00519
6.109357	4.903452	5.95163	5.136806	5.037132	3.269425	6.179357	7.960033	6.989901	5.640735
4.040827	3.596825	2.945024	2.91153	4.148102	3.912181	2.475019	4.140856	4.15336	5.21939
4.877239	4.348926	4.476676	3.984447	2.59599	4.478469	3.560426	5.308637	5.117836	5.209825
4.006383	3.355454	3.424031	2.352703	1.029844	2.841383	0.401879	0.207464	1.249678	2.306569
5.734853	4.154061	4.281882	5.148898	4.271864	3.853688	3.920098	5.03948	4.784236	5.070819

1.984959	2.634479	1.658074	1.525928	1.296694	2.600018	1.239803	4.33275	2.11707	3.375769
-0.03005	0.113703	0.318534	0.014529	2.105494	0.388701	0.466638	-0.03005	-0.00019	0.127353
4.109525	5.062783	3.489568	3.349256	1.28449	4.129093	1.922121	4.98984	3.911285	2.67193
0.329051	0.245019	0.369299	0.287647	0.245019	0.356008	0.329051	0.245019	0.245019	0.315381
-0.00368	0.189443	0.177354	1.118819	0.348705	0.177354	0.115314	0.010045	0.213318	0.657042
7.162984	5.201307	4.965823	6.858491	6.574853	5.184015	4.697233	6.310817	4.419218	5.884662
3.3381	4.513826	4.119888	4.401625	3.307224	4.083829	2.692184	1.835282	3.58087	3.388235
3.69328	2.395099	2.723012	2.539908	2.886212	2.134714	2.167319	2.72543	2.30541	2.408755
1.819533	0.791413	1.161546	0.554308	1.281298	0.944877	0.733904	1.419208	2.785321	1.668066
6.910178	6.015299	7.095113	5.919394	5.177095	5.956312	6.142817	7.933652	8.040641	7.950281
-0.02556	-0.02556	0.041269	1.147768	0.13793	0.256132	0.374949	-0.006	-0.02556	0.103865
2.682816	1.041355	2.176646	1.71011	0.410663	1.518116	1.562226	3.266515	3.462255	2.416423
3.139617	2.820731	2.667145	2.812451	0.994777	2.800997	0.978956	2.251095	2.312783	3.71538
5.963015	4.114342	6.356108	7.349188	5.774724	4.419914	6.585397	5.80856	6.396431	5.210451
0.168681	0.168681	0.145302	0.553171	0.358889	0.352414	0.183989	1.031586	0.176362	0.655786
0.399264	0.25749	0.689356	0.287358	0.162636	0.734265	0.536489	-0.02625	0.031137	0.714533
5.585717	5.001773	5.25044	3.248958	1.669019	4.35142	2.217338	6.127293	4.835558	6.988592
5.304251	5.051779	6.064119	4.684833	7.965305	5.105529	5.064136	5.535413	4.230727	5.756128
-0.03583	0.109069	-0.03583	-0.03583	-0.02312	0.300063	0.534296	-0.04867	-0.02312	-0.01054
9.906407	10.03722	8.080361	8.313074	7.570291	8.640109	7.463035	9.926529	9.34577	9.456489
4.929888	4.760463	4.635363	4.112684	2.422548	4.721456	3.523109	5.279094	4.420335	4.420335
0.467423	0.691825	0.859146	1.351318	0.224643	0.94372	2.170594	2.983092	3.554606	1.134887
6.372258	5.540099	7.985401	9.104419	5.510479	4.121225	8.030627	9.170135	8.486331	6.6736
2.576054	3.905438	3.874545	2.936833	3.640575	4.22417	2.03597	3.006658	3.538734	3.693155
3.334955	2.572869	4.011325	3.536604	3.629933	2.760385	2.580946	3.360045	3.254904	4.272751
2.738627	1.030739	1.42447	1.460494	0.368109	1.333708	1.180053	2.034293	1.688076	1.135207
0.131381	-0.02435	-0.00357	-0.02435	0.209787	0.166953	0.298284	0.0168	-0.02435	0.122296
1.599562	0.645907	0.406055	0.74824	1.510231	0.180505	0.49707	2.586655	1.548521	0.49707
5.668614	3.855732	5.588825	5.453729	3.296221	3.176012	3.723577	5.118871	4.879813	5.964539
6.258155	1.894651	3.402679	2.888595	1.844299	2.589589	2.39765	3.573515	3.404007	2.541336
3.360915	1.760414	2.353369	2.504572	-0.13033	1.568601	0.707133	3.040567	2.878373	0.644453
5.599421	5.256348	5.811997	5.979949	5.850308	4.467607	5.458104	4.710109	6.584216	6.402035
0.066527	0.077465	0.772348	1.766965	-0.03623	2.209576	0.985586	2.629696	4.623737	1.039171
4.315255	5.121596	4.762962	4.60122	4.413688	5.866534	6.004668	5.067537	6.3935	4.975545
1.224064	1.002271	0.904387	2.384533	1.021442	1.589869	2.264797	1.44597	1.34574	0.843963
3.416598	3.151179	3.405355	3.751643	3.641384	3.079807	1.747566	3.203542	2.848236	3.225933
1.582012	2.262761	2.387787	1.144055	-0.07011	1.232697	-0.14363	2.013002	1.210309	1.336114
0.135432	0.207845	0.746565	0.61184	0.017621	0.707183	0.480544	1.395847	0.800616	1.055798
3.720541	5.591324	4.194201	1.840781	3.622188	4.846988	2.860555	3.916388	4.037518	3.617504
7.240186	4.945794	6.325168	6.623455	5.14735	4.801665	5.290906	5.445206	6.113572	5.360274
0.330708	0.110026	0.910938	0.577663	0.165968	0.648245	0.52845	0.799745	1.608797	0.990134
3.387946	5.373774	4.49723	5.666158	3.783352	2.247541	6.574294	5.959659	7.546049	5.373495
8.084171	6.278904	8.238364	7.079059	5.369073	6.808236	6.494342	5.669216	5.276894	7.012458
-0.03661	0.474174	0.108074	0.121812	0.864097	0.361673	0.22746	0.051843	0.214649	0.037453
2.633214	2.642563	3.142538	2.732798	3.160153	2.790288	2.389434	3.117122	2.784283	2.901988
1.742487	1.807662	1.935828	2.024778	1.355708	1.238735	1.118799	2.9664	2.749049	2.573261
2.925833	1.895869	3.279298	3.378527	2.070254	2.194136	2.394808	3.41967	4.333763	2.232902

2.595133	3.172839	3.089457	3.798943	3.311994	3.87701	3.392496	2.318321	3.43943	3.123167
1.357451	2.512649	2.658826	1.615701	-0.03731	1.847336	3.539617	1.207532	2.672936	1.401383
2.016122	2.455783	2.899975	4.818857	2.26731	2.771225	3.49912	2.149851	2.37804	2.038831
4.10018	2.914351	3.747359	3.14792	2.204994	2.666599	1.786963	3.746327	4.071997	3.906188
7.269653	7.461809	7.4317	10.101	9.77727	7.584779	9.642112	8.860376	10.67973	9.722082
5.814616	4.176637	5.403352	5.417601	4.174455	3.55507	3.303899	3.792858	3.109465	4.00985
2.318892	2.23387	3.804956	3.666917	1.199533	2.844196	0.773186	4.326756	4.404558	3.647232
7.489167	6.12249	7.821121	8.985339	7.272893	8.241239	8.038697	6.905406	7.369632	9.13664
3.933002	4.154989	4.276352	2.459133	2.484061	5.064947	3.389326	3.820111	1.595197	3.528614
3.217675	4.00421	3.262042	1.927934	3.351419	3.089991	1.685947	2.331239	2.546683	3.094847
1.027178	1.243525	1.162185	0.263504	2.655175	1.61331	1.829397	1.929602	0.559506	1.445333
2.565745	2.992487	3.178969	2.20401	3.14717	2.921133	1.619031	2.239853	2.326444	3.117904
3.907181	3.809546	3.968685	4.000607	4.501924	4.022227	3.62383	2.581742	2.939122	2.7861
3.788286	3.228316	3.593724	2.964029	2.978039	2.753865	1.34456	3.157188	3.13944	3.129698
1.475365	2.400536	1.959486	2.066787	2.25972	2.921907	0.976944	1.050703	2.101456	1.963686
3.209322	3.269594	3.62677	3.76687	1.011983	2.748666	1.280549	3.894311	4.683644	2.924016
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3.854122	2.430729	3.121222	4.026317	3.505485	3.157093	2.45514	3.587106	3.350066	2.720298
0.373969	2.197557	3.043265	5.030546	4.299515	6.956608	7.682456	7.718919	10.62591	3.378123
4.532493	4.462089	4.147693	4.067228	3.107377	3.870674	2.347161	5.468877	4.131505	5.109057
2.334854	1.725681	2.625575	0.736531	0.677953	0.704311	0.413339	1.276667	1.960757	2.711614
5.130912	5.140021	4.843254	5.359166	4.700785	4.007226	2.497775	5.663773	4.131151	4.810767
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5.325301	4.005604	4.421493	4.392876	2.43785	3.866319	3.744785	4.552277	4.892718	4.951112
4.255206	4.789436	3.946422	5.260239	4.91202	4.699687	4.041233	5.53386	4.536512	4.926508
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5.13438	5.425094	4.875518	5.520411	4.929066	5.329139	4.08547	5.845451	4.541914	5.10649
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7.367791	6.518012	6.737214	6.309012	5.424357	4.930186	5.57742	3.546532	6.217705	6.415352
3.220309	2.758844	2.749271	2.17324	1.336929	2.784553	1.690759	3.635992	2.78321	2.365306
3.57154	2.020886	2.906948	2.924593	1.522342	2.503062	2.003147	3.613153	3.548718	3.53612
3.464763	2.542172	2.2889	2.924053	2.023577	2.477786	2.486568	3.314293	4.013225	3.950002
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0.092955	-0.1036	0.53948	-0.07745	1.87575	0.768436	0.436139	0.160025	0.471449	-0.11686
5.410233	6.027273	5.325056	4.995274	4.834228	5.457741	3.879463	5.360391	4.838463	4.68757
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3.900147	3.09675	3.754302	3.655511	3.672932	3.303003	2.589586	4.363928	3.361591	3.730351
6.103692	3.122773	4.282484	4.08155	0.453632	3.093836	2.126166	4.950113	5.357033	3.705857
2.976321	2.295209	1.230338	2.013568	1.524601	2.182077	1.996911	3.042271	1.740653	1.392733
2.761967	3.908048	3.271477	3.435187	2.638068	3.933823	2.036164	5.059271	3.319516	2.794574
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0.369709	0.657772	0.336928	0.492929	0.17157	0.877806	1.020827	0.325809	0.605181	0.596198
4.152083	3.886197	4.61118	4.358505	5.060111	3.779336	3.355385	5.110567	5.182248	4.239453
3.331167	3.290026	3.434764	3.716357	1.503763	3.238699	1.364729	3.993218	4.45601	2.999555
0.732724	2.440038	4.662551	0.89745	6.568026	2.308651	2.718955	0.77331	2.188291	4.017941
2.853953	1.268651	2.269979	1.330201	0.335239	1.616884	1.179588	3.750766	2.81597	2.401307
0.566719	-0.00861	0.000565	0.362661	0.120706	0.205722	0.868054	-0.03666	0.08786	0.112597
5.847235	5.015398	6.061858	5.843149	4.339535	4.401557	3.979365	6.867932	5.378914	6.125836
5.428343	2.492189	5.443057	6.061779	3.423362	3.621271	5.110956	7.29977	6.768828	7.07403
7.230562	5.807993	6.395938	5.890767	5.189226	5.342887	4.504453	7.469692	6.93048	6.07625
5.806482	2.81839	5.561195	4.789042	4.731218	5.933452	5.94501	6.64175	4.269749	6.431485
3.934089	2.485788	4.482098	3.9442	4.606731	2.81732	3.263164	3.853577	4.483674	4.920226
3.280027	3.117251	3.386236	2.796374	1.242301	3.233103	1.884412	3.675135	3.311915	2.828003
3.067074	3.735041	3.609035	3.068498	3.519307	3.604421	3.022124	4.071931	3.404273	3.564025
0.784817	0.638098	0.372456	1.648735	-0.14293	0.291933	0.301132	-0.04346	0.631016	0.155764
0.086216	0.676589	0.477743	0.086216	4.673563	0.75022	2.604212	0.171823	0.086216	2.148875
2.902383	2.623745	3.290459	-0.0094	-0.32431	0.646684	0.409842	4.147353	2.786289	3.550418
3.06505	0.174066	4.090459	1.265578	1.641552	0.610779	1.843481	0.41244	4.0484	1.979923
7.256216	6.785125	6.640996	6.838357	5.060753	6.251284	5.845034	6.441161	5.569556	6.317203
4.149947	3.394781	4.123429	3.63183	3.602283	3.404842	2.845226	4.451892	3.788499	3.552455
5.102211	3.679126	5.281215	6.279389	5.294211	4.173879	3.702633	5.258238	3.942312	6.015022
3.561817	3.779088	3.577219	2.985963	3.056026	3.491856	2.252806	4.387628	3.586067	3.664307
2.647019	3.984654	3.101334	3.273256	2.331309	4.256358	1.945473	2.520493	2.985354	3.12813
4.621525	3.999192	3.135595	4.112062	2.709418	3.476628	3.699573	3.580562	3.442125	4.281151
4.303633	4.189174	5.431819	4.082108	4.492336	5.036496	4.703747	4.668075	3.283401	3.88578
2.035439	5.005467	4.062583	2.157024	3.815866	4.598565	3.082659	2.659244	2.63849	3.989735
1.663636	2.439248	2.35368	2.240637	1.805071	2.770719	1.607583	3.161483	2.390853	2.270393

CGGA_D4	CGGA_D5	CGGA_J0	CGGA_J1	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10
0.473698	-0.03127	0.920969	0.381088	0.692043	0.182208	0.987304	1.026471	1.114931	0.114949
1.556997	1.206719	1.570937	0.861043	1.492409	2.583334	1.865479	1.160447	1.834503	2.102199
5.016934	5.79139	5.519965	6.380723	5.285156	5.097801	4.733721	4.934219	4.911336	5.639236
4.098519	7.265358	3.214883	5.764995	2.41931	2.766648	2.339442	3.234007	2.471489	4.738924
1.800178	0.582902	1.199176	1.243334	1.181098	0.79319	1.323416	1.24767	1.057224	1.011525
7.040197	5.981183	6.875183	5.043439	5.751302	6.634209	6.571163	9.813238	6.773714	4.366221
5.194051	6.032271	5.729243	5.844486	5.167034	5.630207	5.113003	7.532392	5.333071	5.786048
1.074185	1.768462	1.530105	2.77377	2.317947	0.748142	0.768335	0.807786	0.351566	1.314243
0.355486	0.041371	0.058638	0.058638	0.058638	-0.00328	-0.00328	-0.00328	-0.00328	0.041371
3.371838	4.376355	5.538379	5.322453	5.551976	5.493117	5.670996	6.487117	5.044547	5.155721
4.963295	3.662641	4.548111	3.433879	4.538102	5.625317	4.193728	5.293466	4.435666	4.933681
1.782298	2.36225	3.210026	3.989576	3.33771	2.703371	2.758766	3.671398	2.998682	2.094552
2.256517	2.348129	3.74887	2.007336	1.251277	1.852831	2.360444	3.511557	1.790767	1.256214
2.380564	3.700475	2.398398	5.133467	2.62143	1.726829	1.858671	3.668577	2.639426	3.268659
4.35931	3.630849	5.00381	3.738305	5.178588	4.757827	5.669598	5.468517	5.100939	4.335907
3.572049	2.195006	3.651457	2.233359	2.619536	2.180407	2.771072	2.690528	3.502847	2.400666
2.011126	0.923515	0.966382	0.62359	0.580849	1.024613	1.385863	0.976865	0.959343	0.784912
8.770486	8.397127	7.686536	7.820888	7.831075	8.356909	7.935364	9.241251	7.969554	8.499711
5.864999	3.50351	5.276134	3.29581	5.581236	4.888208	5.269751	5.573955	5.501489	5.836291
3.434033	2.913697	3.128018	3.078625	2.993414	3.600209	4.435452	3.502433	3.794109	2.270582
3.487957	2.321361	3.151061	2.410132	2.787958	3.485008	3.642605	2.779671	3.595597	3.708523
3.629935	3.046675	3.43037	3.785623	4.051866	3.580012	3.416427	3.543399	3.70124	3.859019
2.796778	2.571695	3.14491	2.924437	2.838869	2.493881	1.813474	3.10165	2.662558	2.050776
1.369802	0.273283	0.366971	0.439761	0.030746	0.521593	0.313223	1.489277	0.231952	0.162671
2.634795	3.165083	3.647347	3.758439	3.135666	1.7538	2.337276	3.222803	3.150423	1.325897
3.625286	1.829969	3.792691	2.291157	1.693565	2.934083	3.077939	2.760549	2.888246	2.144472
1.635681	0.619583	0.435482	0.459184	1.209448	1.037831	1.609928	0.760435	0.646501	1.018701
5.787679	3.628252	4.372163	4.175397	5.189849	5.672684	5.218853	4.817968	4.503199	4.544006
5.418711	3.540203	3.286366	4.714481	4.002771	1.52143	2.846258	2.447768	1.864902	2.521908
4.57375	3.850318	4.464379	4.152532	4.67515	4.615138	4.914881	5.227794	4.268207	4.401025
3.514452	1.837627	1.52363	1.142897	1.33455	3.1123	3.190471	2.937599	1.759424	2.474277
3.111734	4.515011	5.229312	5.344634	4.497459	4.040071	3.883076	7.522854	4.618581	4.807177
5.320725	4.589829	5.454423	4.377814	5.507135	5.5456	4.869835	4.651374	5.582525	5.556185
2.763437	2.051917	3.139961	2.519058	2.620506	2.615944	2.364281	4.883682	2.592911	2.719489
2.06881	2.95563	2.450195	4.368964	2.987294	1.977072	1.550276	4.0669	1.741542	2.205674
3.186413	1.609189	2.389413	1.485044	1.997451	2.197526	2.68127	2.373432	2.592669	1.958948
5.403454	5.881612	5.695871	6.540013	5.938259	5.967388	5.429561	5.726326	5.273684	5.879657
3.627433	3.815707	3.661883	4.208661	3.70584	3.049314	3.850628	5.308935	3.45077	3.919476
5.55168	4.865538	3.865736	3.992432	3.702736	5.142582	5.289782	4.949283	3.915172	3.473834
0.786421	0.099334	-0.06999	-0.0226	-0.06033	-0.06033	0.004794	-0.07974	-0.0226	-0.06033
0.359841	0.1911	0.321751	0.004987	0.147191	0.876565	-0.08914	2.496579	-0.03594	0.337132
1.661723	2.76402	2.565392	3.931456	2.583378	2.05961	2.241843	2.193333	2.328523	2.424827
1.795117	2.714024	1.275865	1.547614	1.388247	2.421678	3.738178	1.51018	2.187568	1.928869
1.19166	0.502425	1.438886	0.423399	0.890243	0.965234	1.154498	0.609318	1.022219	0.257497
1.182635	1.810157	1.220773	2.752004	1.453703	0.548665	0.407344	0.90142	0.519439	1.245691

9.344168	11.61591	9.101389	10.30915	8.924618	9.743435	10.73129	10.47103	9.758815	9.485913
3.590795	6.554867	6.407083	7.777279	6.708272	6.086297	5.719117	5.72614	6.460278	6.078378
2.806055	4.32744	3.796723	5.766404	4.56495	3.197535	3.024219	5.052354	3.210235	3.335572
0.94655	0.187456	0.46811	0.019908	0.766174	0.63201	0.907516	0.932052	0.40353	0.311199
1.668472	1.004071	1.149774	1.410277	0.802124	0.434111	0.509495	0.611578	0.476499	0.866505
1.592834	0.598825	0.122306	0.176644	0.706093	0.582827	0.558492	0.500057	0.720785	0.614647
2.640896	1.262997	1.739109	1.281689	2.097639	1.543478	1.943477	2.363417	2.093324	1.209382
3.482267	4.26618	4.328948	5.179582	4.17337	3.643527	3.966981	4.73511	4.506248	3.853354
2.588157	3.749728	3.680098	3.027579	3.218616	3.994897	3.630271	4.903082	3.97757	2.607939
0.481169	0.111598	-0.08933	0.223282	-0.02366	0.07951	0.223282	0.095687	0.342278	-0.04197
1.172544	2.170518	0.308488	1.590393	-0.02696	0.403474	0.105258	2.100285	0.386712	0.051794
7.449524	8.042572	5.818492	7.265482	7.034048	5.785572	7.001077	6.315297	6.815991	5.959653
7.465851	7.810385	8.537908	7.952575	9.102057	8.515631	7.829815	8.702301	9.509523	8.670888
4.265327	3.252588	3.823318	4.337057	3.69688	3.263287	3.449298	6.370684	3.955443	2.344502
2.409416	1.249338	1.181336	1.323386	1.083508	1.13515	1.462748	2.75267	1.501532	1.408194
4.269208	5.839128	5.087874	6.074647	5.188044	5.699542	4.782165	5.351131	4.952298	5.481674
0.277162	1.937501	1.208402	2.896144	2.388886	0.36724	1.013094	3.293183	2.757712	0.805542
3.607276	3.313711	3.313711	3.605735	2.835889	2.877541	3.669517	4.362998	2.259717	2.513838
1.781132	1.391575	0.908613	1.586107	0.835182	0.605264	1.337963	2.887625	0.680488	0.630832
9.535173	10.00454	9.843469	9.421106	8.793506	7.529434	8.045643	6.645798	8.950089	10.33924
3.083688	1.972158	2.39729	2.641102	2.268049	2.812257	3.558681	2.984845	2.788961	1.837732
4.370201	2.651038	3.449734	2.940242	3.244817	3.635607	3.845807	3.700257	3.890337	3.369595
0.98838	0.321447	0.383216	0.393266	0.832621	1.21268	1.201065	0.981642	0.362909	0.771694
5.078376	4.962681	5.131634	4.927058	4.56501	4.866829	4.791959	4.745215	5.331114	3.262734
2.525764	4.15281	4.127526	5.173021	4.123886	2.955042	3.410737	3.942035	3.550753	3.39583
1.50938	1.967498	1.320869	1.590177	1.464611	1.895405	2.766263	1.986681	1.921068	1.370465
3.176538	2.709664	2.6221	2.375652	2.269126	2.126683	2.550745	2.324241	2.562819	2.442883
2.426902	5.935172	5.091947	7.296789	5.887664	3.277798	3.850402	4.848845	3.855278	4.765142
3.853508	6.228437	5.036749	7.332846	5.126646	2.236659	3.092909	3.528256	3.828533	4.97989
1.531212	5.788727	3.697399	4.28973	2.877635	1.176396	4.814602	1.141822	3.904173	1.502079
3.533088	2.423334	2.15031	2.265602	1.569911	3.912974	2.797848	1.873271	3.181917	3.002701
3.39739	2.259784	2.405731	2.364985	2.292678	2.77576	2.63059	3.640472	2.644909	2.594175
3.352784	1.124466	2.687147	2.277375	2.932934	1.888938	3.241624	2.473652	2.596849	1.798306
3.524192	3.081456	3.66177	4.57033	3.821251	2.68103	2.853667	3.397006	3.46915	4.235892
1.042186	1.666939	2.265328	2.534949	1.74051	1.412281	1.02081	3.996887	1.687381	1.873652
3.982105	2.676157	3.803043	2.576415	4.021318	4.851398	4.863602	3.28476	3.508962	3.187815
7.775327	7.873026	7.534659	7.983778	6.887192	7.081961	6.352222	7.915449	6.932638	7.280213
0.907535	0.967837	1.063015	1.817994	1.419738	1.050684	0.907535	0.733069	0.93465	1.019385
5.787733	4.796586	5.230275	3.833625	4.954123	5.662332	4.894193	5.85093	5.473189	5.283001
1.61125	0.840808	0.344156	0.779207	0.797068	0.30763	0.59792	0.151864	0.218755	0.924616
3.908302	2.491752	2.993676	2.248597	2.427245	3.189818	3.572745	2.972152	3.151234	2.1219
3.195396	1.26413	2.30596	0.915425	1.549251	3.018209	3.954782	2.641967	1.26413	3.288579
2.387436	1.314162	1.59349	1.632812	1.416205	1.896103	2.399853	2.978172	1.814653	1.526714
3.389951	2.219228	2.881808	2.409741	2.814113	2.964022	3.592328	4.322551	2.704405	2.68589
3.979344	4.349118	5.445807	4.328308	2.122232	4.134175	3.347737	5.069804	2.188773	2.501969
0.775516	-0.01627	-0.24231	0.662382	-0.13824	0.193113	-0.04323	1.584813	-0.13824	-0.02518
1.875855	3.310196	2.579452	2.348509	1.69165	3.032055	3.980129	2.171997	3.957052	3.389113

1.714357	2.018364	-0.02335	0.128756	-0.08268	0.570542	3.949306	0.205698	-0.08268	0.033747
2.08763	3.832313	3.043549	3.306541	2.598602	3.721938	3.708013	7.404009	3.660446	3.628171
2.75831	1.621365	1.689915	1.324803	2.012205	2.410064	1.921886	1.596482	1.401687	1.645883
4.331387	3.356491	3.719974	4.626055	3.748513	3.861736	3.494472	3.58314	3.260401	3.842786
3.915056	3.01024	2.724826	2.575418	2.673757	3.48238	2.89585	1.708923	2.76666	2.958056
6.221581	4.848444	6.545413	3.710293	6.166136	6.339984	7.255604	5.443809	6.898641	7.366858
2.016211	2.554999	1.491654	2.527082	2.016211	2.547603	2.991437	2.801868	2.978835	2.216429
5.852452	5.888191	7.317179	5.528361	7.180359	6.692389	6.385504	5.093331	8.098495	7.955755
3.577113	2.83009	1.9437	2.633638	0.817821	2.175827	2.647333	5.931608	1.251644	0.335502
2.706935	1.156498	1.652299	1.494002	2.209867	2.382606	2.830662	2.344712	2.243995	1.214068
1.985914	2.354848	3.444814	2.315294	3.903701	3.193314	3.038045	3.870173	3.189045	2.176769
0.214338	0.135443	0.006458	0.093966	-0.06362	0.233278	0.733399	0.093966	0.028939	-0.03981
7.847501	9.132698	8.683215	9.250978	8.488314	8.755865	8.475742	6.782337	9.065244	8.521637
4.269354	3.909352	4.359142	4.648332	4.767806	3.577222	3.779148	5.072535	4.314948	4.123808
2.973223	2.614421	2.372032	2.519699	1.68037	2.35822	2.308697	4.361621	2.372032	2.375463
0.974915	0.699281	0.360886	0.632004	0.283528	0.322768	0.434003	0.720973	0.379545	0.351458
4.151995	2.647771	4.718421	3.590186	4.218879	3.300796	4.273882	4.612589	3.997613	3.553879
1.489774	1.122407	1.368626	1.654818	1.257837	0.921337	1.971234	1.009697	0.826744	0.802015
2.893502	2.015419	2.739491	2.990644	2.733677	2.134335	3.058679	2.905927	1.688414	1.951505
3.463091	2.381653	2.919857	2.141327	2.565549	2.74291	3.039438	3.269035	2.851955	2.319877
0.448792	0.255489	0.374902	0.860465	0.245022	0.663365	0.052735	0.265873	0.146793	0.245022
0.434083	0.021991	-0.01281	0.010502	-0.01281	-0.0011	0.07784	-0.03658	-0.03658	-0.01281
5.005672	2.556584	4.793399	1.724694	3.486712	4.046209	2.267066	2.222667	4.301612	3.596674
3.332113	2.601193	4.382689	1.858098	2.634018	3.947022	3.111093	4.218507	3.728869	2.756742
1.721751	2.154893	3.101627	2.056941	2.405092	4.423164	2.615393	0.887964	3.623603	4.396347
2.685472	2.124382	3.160877	2.066378	2.974824	2.959561	3.390154	3.406785	2.810007	2.229544
2.770664	3.219653	4.044057	3.664673	3.387926	3.356679	4.001449	3.206413	3.400075	2.936241
6.506783	7.034016	7.232342	7.050675	7.028439	7.161843	6.614098	6.049637	7.576912	6.78856
0.341216	-0.07504	0.008553	-0.02838	-0.08309	0.001301	0.050751	-0.04363	-0.08309	0.110186
1.522993	1.15696	1.251691	0.939743	0.255489	0.27798	0.364635	0.149765	0.88184	0.244112
2.990153	1.55063	2.89958	1.79855	2.655662	2.54214	3.54769	2.974115	2.980547	2.1499
7.182246	8.072	6.477959	7.903162	7.4882	6.356369	7.259756	6.053259	6.796656	6.219447
0.208481	-0.01584	0.053701	0.171262	-0.01584	0.145925	-0.05917	-0.05917	-0.01584	0.053701
0.985205	0.928576	0.701046	1.307765	0.314741	1.790897	1.314835	1.086937	0.162261	-0.08692
4.353216	2.445113	3.776731	3.403177	3.610262	3.591804	3.732788	3.910776	3.846787	3.428171
5.759149	7.293626	6.408315	7.541265	5.962834	5.67299	5.310153	5.668109	5.509645	6.66663
5.542895	5.365693	5.686325	5.342233	5.100955	5.361652	5.231215	4.585865	5.110143	4.998612
3.932668	4.458382	5.168509	4.548112	4.40374	4.142276	4.039894	3.996977	4.930103	4.866167
3.950686	3.054669	4.117728	3.636579	3.550268	3.129903	3.563289	6.015719	3.89627	3.158761
1.170948	0.620413	0.781502	0.775916	0.568065	0.835929	0.88283	1.417976	0.74183	0.513253
5.618459	5.959676	3.428036	5.054002	3.131421	5.589998	5.369276	3.685429	3.97769	3.074895
0.259123	0.006998	0.054623	0.100516	0.054623	-0.04249	-0.04249	0.042884	-0.04249	0.031035
7.534572	6.142606	4.913555	5.28062	4.09096	6.407878	6.434863	6.728732	5.519742	4.549841
3.49497	3.709767	3.308887	3.858737	3.78636	3.601623	3.759298	4.717835	3.750219	2.038619
4.723436	3.617798	4.331022	3.664244	4.024127	4.108118	4.307525	4.930937	4.301603	4.469037
3.718636	1.091613	1.959272	1.363874	2.31543	2.26626	2.605427	3.419975	1.951489	1.041556
5.127442	4.733088	4.531655	4.144855	3.696545	4.16246	4.050963	7.272222	3.944286	3.889407

1.543125	0.935475	1.900788	1.229212	1.863642	1.654123	1.445897	5.307422	1.946721	1.634203
0.400084	0.78794	0.466638	1.290425	0.388701	0.630971	0.029102	-0.03005	0.127353	0.889662
4.868869	2.202341	4.208208	2.427644	4.131868	3.913691	4.09539	4.751116	4.369789	4.113038
0.287647	0.259368	0.273577	0.38247	0.245019	0.245019	0.287647	0.245019	0.287647	0.273577
0.037102	0.165161	0.140456	0.401517	0.140456	-0.01754	0.293853	-0.01754	0.063654	0.102574
5.368471	6.437262	6.228376	7.094053	5.323895	6.406251	5.205605	5.42826	5.664497	5.838671
3.773273	3.395267	4.489737	2.619924	3.43885	3.869771	4.698411	2.240902	4.05106	4.15082
3.681032	2.026216	2.597895	2.682522	2.557691	2.006294	2.121829	2.852395	2.061385	2.715736
3.435654	1.214854	0.893354	1.083392	0.963727	1.400962	0.719156	1.29125	1.066071	0.880177
6.535848	6.398981	5.510969	5.711581	5.391624	6.13163	6.582898	6.873833	5.665189	4.672868
0.34825	-0.006	-0.02556	0.003635	-0.02556	-0.02556	-0.02556	0.129523	-0.02556	-0.006
2.134833	1.464785	0.512205	1.402986	0.392072	1.149496	1.726789	2.007988	1.190587	0.762682
2.748977	1.95548	2.518887	1.525354	2.651191	2.778905	2.645456	2.66941	2.685188	3.447757
5.583809	6.350315	5.145097	6.177855	5.078072	8.092342	5.217124	5.015065	5.211154	5.127622
1.987593	0.439678	0.299161	0.105166	0.305964	0.486527	0.063468	0.679974	0.183989	0.002222
0.80064	-0.10779	0.129091	0.076755	-0.00678	-0.0765	-0.02625	0.049614	-0.02625	-0.0765
4.590445	2.840667	4.407799	2.767577	4.384917	3.660502	4.589627	4.700803	4.603875	3.795062
4.626113	6.441617	5.923699	7.700565	6.261839	4.86255	4.972838	5.126044	5.500684	5.591408
0.590773	-0.01054	-0.04867	-0.03583	0.319654	0.00193	0.074326	0.218612	0.014279	-0.04867
9.142115	8.6325	8.860297	7.382257	8.094122	10.96476	9.546517	11.34406	9.476779	9.291708
5.342461	3.447857	4.492269	2.865323	4.590955	4.666141	4.704472	5.710815	4.668561	5.136252
1.267866	1.093593	1.941424	1.919955	2.635736	3.262608	0.675925	2.05067	2.573174	2.221093
8.131396	6.750534	6.136216	6.352337	4.213886	4.863239	4.465491	8.352429	4.256617	6.192701
1.797038	2.282748	3.667061	3.126674	4.092334	3.949854	3.908306	4.629961	3.948921	3.868691
3.652926	2.787931	2.337511	3.150303	4.018404	3.904281	3.47591	2.494539	3.521276	3.70639
1.884266	0.810351	0.719378	1.050368	0.780729	1.402366	1.030739	1.383655	0.687581	0.87324
0.421871	-0.02435	0.122296	0.103887	0.006662	0.175661	0.670991	-0.02435	-0.02435	0.026841
0.851467	0.796804	0.874273	0.697982	0.820485	0.645907	0.228529	0.804741	0.619146	1.197237
5.140935	4.252799	3.350445	3.4284	4.616551	5.637736	5.182416	3.758499	4.689219	4.062325
3.588722	1.509222	2.416472	2.176056	2.243344	2.586994	2.911691	6.901452	2.036342	1.315032
2.062308	0.985361	0.463008	1.155234	1.016567	2.219088	2.583929	1.93927	1.206827	1.202199
6.010189	5.920803	4.748596	4.754013	4.666768	5.903411	5.473437	4.962386	4.340532	3.961438
1.503485	-0.12208	2.077893	0.386734	0.929729	2.245805	3.739248	0.629905	1.676247	0.437433
5.909357	4.733176	4.764454	3.730886	4.263289	4.925366	4.878332	5.096307	4.951981	4.343542
3.452328	1.396306	1.756225	1.241775	0.697668	2.916448	1.040483	0.92424	1.696874	1.224064
2.858031	2.299475	2.715629	2.644792	2.938991	3.122847	3.52816	3.549645	2.734085	2.912263
1.895095	0.63546	0.961337	0.12006	1.056009	0.578125	1.1643	1.779443	1.312534	1.184224
0.573978	0.027905	0.058227	0.135432	1.593773	0.153961	0.26772	0.842125	0.371371	0.332587
3.871181	3.105153	5.441365	2.728702	4.679815	4.500612	4.27997	5.680741	5.551352	5.080437
5.920015	6.389582	5.50674	5.072679	4.461174	4.434083	5.344236	5.848989	5.099804	4.117985
0.954164	0.433232	0.198443	0.424229	0.187705	0.792907	0.923432	0.536779	0.415166	0.198443
5.031022	6.447403	4.081824	5.120753	3.201801	6.326344	5.210902	4.709352	4.353782	2.720883
6.815415	6.621301	7.690873	5.32255	6.671211	7.043509	6.250475	5.002653	7.702676	6.887793
0.705084	0.277648	0.937764	0.821571	0.418966	0.252761	0.474174	0.548241	0.162296	0.373306
2.793879	2.705057	2.811698	3.260583	2.622451	2.74399	3.006491	2.696115	2.848972	3.717227
1.114457	1.805117	1.083653	1.079193	0.738564	1.648217	2.835615	2.218016	1.755788	1.442886
2.334176	2.315698	1.732883	2.562351	1.698566	2.408197	2.428021	2.522781	2.16548	2.291124

2.745533	3.41666	4.568954	3.814013	3.695965	4.447726	3.206929	3.8813	4.193241	3.948196
3.333899	2.358908	2.902282	1.295189	1.789279	1.768366	2.503858	1.780355	1.118743	0.93848
3.831964	2.684417	4.281152	2.737134	2.714529	2.588151	1.638258	3.431869	2.992323	2.781295
3.856411	2.70758	2.770908	2.439945	3.554808	3.007099	3.838853	3.156543	3.692902	2.756629
8.071223	10.11642	9.424413	9.659726	8.306836	8.922514	8.824828	11.27199	8.721841	9.204929
5.404714	3.787319	4.605816	3.811182	4.789614	5.072966	3.896366	3.292642	5.264308	5.100317
1.53489	1.729257	2.758702	3.453548	2.739608	3.649432	4.281028	2.778883	3.736199	2.418176
5.754831	8.695498	8.926861	7.065012	7.932284	7.733285	7.153183	7.026419	8.686228	9.105912
2.987529	2.686188	4.898145	2.325436	3.47325	4.401662	4.065025	4.149128	4.411568	3.621756
3.407299	2.3809	3.68741	3.578558	3.765131	2.681661	3.4641	3.108513	3.274157	2.720345
1.306935	1.790148	1.010672	2.235727	1.341845	0.263504	0.462448	1.306935	0.253706	0.706896
2.572073	2.170073	3.22344	3.514689	2.943524	2.33848	2.292308	3.295191	2.782449	2.529453
3.567077	3.791674	4.081466	3.763578	3.740223	3.997889	2.752545	3.844853	3.892956	3.887239
3.773832	2.122132	3.215841	2.885312	2.55742	2.675005	3.214277	3.016103	2.79034	2.773139
1.589054	1.555895	2.736429	1.716938	1.14717	0.667978	2.029248	1.591782	1.086193	2.195316
3.19226	1.87777	3.002727	2.651873	2.836867	2.558249	2.795513	2.17397	3.72462	1.498281
2.325784	0.713265	2.189775	1.782887	1.551433	1.459422	1.661663	2.032588	1.47227	1.555498
3.929761	3.42625	3.268731	3.564477	3.135458	2.522736	3.157093	3.235508	3.448446	3.104624
6.962526	3.859877	4.816377	4.41755	3.510806	2.723011	2.876715	5.030813	4.06908	4.726117
3.760482	3.554545	3.72959	2.682358	3.89021	4.543832	3.631032	3.694824	4.400356	4.365556
1.39357	0.780348	0.89803	0.421458	1.061822	0.804745	1.026585	1.346454	0.544963	0.537576
4.655616	4.132713	4.92626	4.268924	4.260007	4.258519	4.444741	4.977352	4.224039	4.600514
3.694744	2.073149	1.034362	1.502162	1.228342	1.986391	2.869051	3.469702	1.575354	1.140293
5.206501	3.968785	4.457771	3.111001	3.892048	3.737954	3.840952	6.530565	4.000729	4.066279
4.533717	4.652098	4.824755	4.678843	5.08294	5.02983	5.1691	5.265398	4.446187	4.900039
5.293138	4.027259	5.440059	6.135763	5.172297	4.509615	4.785088	5.075154	5.17905	5.265253
5.918116	4.901893	4.220775	4.416576	4.611343	5.079448	4.783498	4.397262	4.895108	4.457154
5.935869	4.726812	4.83939	4.281032	5.241621	5.762035	5.102777	6.904514	4.920339	5.017021
3.058003	8.101834	6.458546	7.097876	5.761717	5.66229	6.966085	2.696402	7.063976	5.744384
4.522447	3.270267	5.304912	1.821144	5.191785	4.320778	5.14664	5.748052	5.180839	4.870343
2.972688	2.256378	3.118227	2.594528	2.719105	3.264134	3.364403	3.702838	3.235767	1.376793
5.350925	5.802925	5.704212	3.846559	5.309523	7.112735	7.196778	6.593323	5.535438	5.803308
2.756114	1.472309	2.491677	1.589254	2.470729	2.167413	3.521903	2.623976	2.001831	2.046367
3.05865	1.926857	2.216064	1.951701	2.147544	2.460026	2.708641	2.732439	2.363024	2.303555
2.507175	3.052237	1.531608	1.867745	1.659815	2.065812	2.962585	4.116189	1.789493	1.943032
3.581818	2.835503	2.355597	2.31414	2.182758	2.777535	2.835503	2.235166	2.5599	2.005627
1.070627	-0.05179	0.627883	0.902438	0.046367	0.588397	0.092955	0.324467	0.115674	0.390697
5.506364	4.156094	5.271484	4.85188	5.22345	5.14142	5.753669	5.498895	5.181717	5.190779
4.004243	4.476131	4.458861	3.661739	4.008132	4.725414	4.008781	4.668011	4.610996	4.643072
5.089995	4.872305	5.577325	4.802302	5.452098	5.259167	5.855594	5.820623	5.579135	5.147745
0.307028	-0.01017	0.052215	0.036838	0.170338	0.859469	-0.075	0.082546	0.097506	0.345924
2.27507	1.928217	3.188486	1.483047	1.045306	2.844772	0.541269	3.830117	1.5451	1.884592
4.553381	3.028187	3.060248	2.747824	3.101678	4.028969	3.555623	3.506469	3.348555	3.113128
5.089336	3.595804	3.042044	3.293736	2.917259	3.788139	3.435502	6.004935	3.671058	4.736758
1.848735	1.740653	1.841281	1.79957	1.980056	1.628059	1.784095	1.649591	1.896264	2.216968
3.520415	2.854167	3.431965	2.131728	2.640384	3.269742	4.803749	2.906036	3.243545	2.499324
7.320235	5.3854	5.517806	4.836027	6.604383	6.526173	6.00172	6.115305	6.593565	4.813934

2.602108	1.63609	2.818561	2.990621	3.007689	2.046075	2.968651	3.154114	2.629261	1.974352
1.089738	0.184127	0.391099	0.391099	0.521942	0.256955	0.34795	0.559616	0.63175	0.268695
5.239009	4.309001	4.380147	5.457751	4.786205	3.916449	4.410085	3.891607	4.369353	4.747058
3.345025	2.065754	3.201983	3.101067	3.10329	3.520704	4.087085	3.517988	4.004657	2.649393
1.761019	4.477026	4.633329	6.156118	4.948658	1.139384	0.753168	2.111751	2.000493	3.714945
2.849931	0.992978	1.704185	0.925124	1.322646	1.953647	2.267987	1.843527	1.718727	1.428568
0.405819	0.000565	0.045187	0.497846	0.213096	0.144635	0.362661	-0.01787	0.337115	0.152483
5.730428	4.766668	4.451033	4.831008	5.562885	5.454971	5.663584	5.454971	5.744978	5.577185
3.788651	6.570409	3.310114	4.594664	3.382881	3.16362	5.705813	3.907854	3.924041	3.529639
5.624534	5.101893	5.77763	5.514186	5.001836	5.554853	5.185948	6.663901	6.074495	5.690019
6.063651	4.773082	6.493166	5.049743	4.96897	5.249528	5.673312	3.967386	6.188656	5.311874
3.874506	3.839512	2.52478	4.477362	3.010223	3.77362	4.007822	3.011254	2.956976	3.263164
3.815541	2.194749	3.101703	1.694522	2.563808	3.041086	3.496886	2.733156	3.012985	2.719193
3.730873	3.348761	3.508371	3.481112	3.673633	3.356684	3.408608	4.276835	3.660449	3.904377
0.488519	0.282669	-0.06762	0.916566	0.196155	1.708711	0.50428	0.026415	0.291933	0.015028
1.412906	3.989536	2.874684	4.505175	2.744655	0.519356	0.171823	0.086216	0.701478	2.294309
2.474619	0.313964	0.86318	-0.11762	1.274443	0.783475	0.632174	1.335166	0.834384	0.112455
2.230168	3.041125	0.047512	1.728653	0.859442	0.621795	0.87725	2.505654	-0.03547	0.599659
6.715943	5.459704	6.917989	5.149016	5.723942	6.778117	6.17205	7.26078	6.205854	6.343458
4.217051	3.359884	3.424808	3.440352	3.673451	3.990402	3.377411	3.058867	3.399099	2.685689
5.356363	4.120086	4.104491	4.966406	4.166054	3.890646	3.982576	3.964446	3.976969	4.298179
4.294801	2.768403	3.412382	3.102515	3.889376	3.508797	3.458286	4.079813	3.203885	3.735197
3.636342	2.999757	3.406905	2.30123	4.50399	5.870279	5.015555	3.652016	4.300784	3.409157
4.390163	2.207791	2.839326	2.706622	2.463267	2.830305	2.552294	3.06942	3.096882	2.53051
4.892486	4.609044	6.183065	4.458528	5.937814	4.887378	4.673998	3.507885	6.185546	6.912331
0.939423	3.268624	5.650132	3.615855	3.314091	2.694824	2.998176	4.81723	4.565618	2.293576
2.814824	1.515087	2.758272	2.10926	2.574294	2.400026	2.788	2.599032	2.681723	3.046131

CGGA_10	CGGA_10	CGGA_10	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_12	CGGA_12
0.673092	0.992267	1.727701	0.289836	1.516584	0.889147	1.255317	1.407025	0.692043	1.614421	
0.952044	0.989996	1.324225	0.368953	2.229021	1.605168	0.872761	1.22479	1.315865	2.812112	
4.641761	3.851165	4.916556	4.177059	5.92299	4.909942	5.21457	5.545372	4.482106	4.785013	
3.2302	2.862305	2.683785	1.000103	1.75636	6.547851	3.319225	5.208028	3.485565	6.323622	
0.652236	2.196458	1.817257	1.264877	1.747593	1.199176	1.19468	1.57955	1.167375	1.513769	
6.034056	6.384573	7.051063	7.021744	7.023311	7.501333	7.27113	7.167426	7.558953	6.842481	
5.340527	5.093801	6.61483	5.460605	5.673418	6.340717	5.412407	5.196406	6.784544	6.090386	
0.115936	0.727625	1.247185	0.928186	1.078121	0.798037	0.896871	1.724216	0.082102	2.154617	
0.075585	0.222628	0.124621	-0.00328	0.709894	0.058638	-0.00328	1.023186	0.032614	1.18405	
5.375983	5.59695	4.966506	6.949731	5.773381	5.258396	5.870092	6.189641	6.009679	3.099003	
4.617033	5.606062	4.722841	4.477163	3.657488	5.22761	5.008522	4.431925	4.320863	4.444618	
2.897476	3.126191	2.050547	3.140441	2.642441	3.051684	3.024623	3.936875	3.1376	2.154879	
1.624042	0.854297	2.320695	2.20052	2.549823	2.994685	1.463816	1.206133	2.949684	4.135294	
2.708044	1.4771	3.248486	3.382701	2.615849	4.51507	2.390317	3.30822	4.158235	4.281224	
5.47246	5.554367	4.969273	6.217779	5.645882	4.521831	5.520481	4.42954	5.207823	3.93844	
3.362026	2.836342	4.084284	3.791495	2.949032	3.416308	4.091765	3.555282	3.675755	1.851032	
0.809149	0.882831	1.510459	1.298559	1.641522	1.931963	0.743399	0.673849	1.192851	3.196943	
7.832249	8.360436	8.5263	7.696209	8.589324	9.40988	8.122299	7.076103	8.878284	8.477903	
5.950773	6.044962	4.080286	5.322746	4.807202	3.97862	5.799572	6.060075	4.653056	3.957632	
3.176412	4.498546	3.753167	4.425384	4.27101	3.619551	3.397677	4.026064	4.876313	2.76058	
3.260819	3.71117	2.190301	2.187538	3.762108	2.99064	3.528801	3.280459	2.80238	1.329207	
2.801131	3.617595	3.414427	2.870937	3.00608	2.910894	3.615826	3.571845	3.121381	3.021421	
2.766771	3.146692	2.977547	3.094347	3.527754	3.633516	3.35765	3.564123	3.349631	2.114931	
0.313223	0.289421	0.867744	2.470708	0.737844	1.730995	0.4468	1.642181	1.254819	2.087564	
2.910222	3.400896	3.529008	3.837322	3.591977	4.897244	2.213138	3.701405	4.459607	2.365986	
2.671378	2.483589	4.313297	3.703092	4.320457	3.216241	3.369062	2.753872	4.000362	3.768215	
0.830602	0.841893	0.836261	0.760435	1.835324	0.386571	0.93367	1.984801	0.974464	1.586546	
4.552693	5.505587	6.029062	5.067961	5.228238	4.720691	4.602075	4.785168	4.531299	4.254553	
2.489724	2.079491	2.134933	3.152651	2.80869	2.934845	2.156653	2.840298	2.271761	2.46247	
4.532214	4.517224	5.273093	4.382827	4.491011	4.495177	4.653003	4.97631	4.678883	4.364928	
1.37439	1.812025	2.92417	2.665551	3.055917	4.166318	1.153106	0.572929	2.660165	2.328114	
4.201496	3.425663	4.054184	4.449115	5.146208	6.158511	5.036853	6.089733	5.22091	2.450076	
4.710155	5.202919	5.288653	4.56777	6.602192	5.437327	5.396992	5.051405	4.85537	3.745082	
2.509244	2.531231	2.425608	3.203471	2.268518	4.852454	2.900882	2.84942	3.751743	2.021083	
1.523912	1.834449	2.655503	2.773271	2.071026	4.465901	1.53386	2.75479	3.236463	2.548273	
2.363363	3.012677	2.712464	2.67296	2.707578	2.679611	2.696122	2.468911	3.089077	1.99237	
4.986888	4.880142	5.049472	5.370796	5.193015	5.208225	5.75801	5.671918	5.191185	4.382244	
3.576164	3.479497	4.290986	3.863674	3.188931	4.137041	3.07072	3.152616	4.703709	4.1728	
3.577479	4.187469	4.071546	4.411604	5.105314	5.668917	3.672738	3.892617	4.643726	3.79156	
0.155189	-0.10957	0.004794	0.022655	1.079837	-0.06033	-0.00426	0.730938	0.004794	0.401872	
0.566139	-0.08914	0.669083	1.485463	1.192954	4.579517	0.225112	1.905121	2.30299	0.182445	
2.736495	1.781913	2.28269	2.596098	2.404893	3.011464	1.974979	3.066676	3.614104	2.313396	
1.540877	1.997808	2.563784	2.172077	3.556265	2.782409	0.545511	0.934313	3.071009	4.54196	
1.458865	0.777292	0.998783	0.998783	1.203811	0.677955	1.710097	0.047167	0.57027	1.16285	
0.216566	0.039847	0.64232	0.651384	1.270218	1.258002	0.342636	0.789689	1.716981	2.045634	

9.393271	9.067541	10.23437	9.483798	10.13758	11.80796	8.526039	8.35668	11.13572	12.82035
6.269096	5.098177	4.090537	4.541228	5.39102	5.15419	6.535673	6.110023	4.697231	4.075715
4.297296	3.942993	4.311367	5.283136	4.493095	4.602179	4.598484	4.811094	4.742846	2.21106
1.021202	1.477199	1.551039	1.343738	1.514654	0.907516	0.825664	2.2747	1.45483	2.201517
0.416784	0.734586	0.828239	0.148088	1.048871	1.081541	0.860201	0.634099	0.741491	0.416784
0.030859	0.318711	0.720785	0.474269	2.493909	1.216677	0.756872	2.423981	0.165939	1.689242
1.912108	2.646879	2.469598	2.283768	2.235435	2.29325	2.140116	2.616722	2.467916	0.977934
4.128138	4.108193	4.215624	5.232323	3.846906	4.695199	5.118434	4.971269	4.25614	3.466067
4.051126	4.162808	3.161389	3.809011	4.629301	4.234231	4.18912	3.167923	4.623984	3.203606
-0.08933	-0.01463	0.111598	0.119457	0.626152	0.291183	-0.08933	0.491894	0.419966	1.123805
0.281331	-0.0742	1.120858	2.334862	0.719712	3.33662	0.196275	0.907772	2.697213	2.944216
6.941914	4.126541	4.999766	4.20629	7.777977	7.953019	4.660315	4.055172	8.441065	8.223871
8.66013	9.776096	8.45739	8.097488	9.217378	8.44257	8.994338	8.550395	8.971625	6.520527
3.371903	4.521114	5.421968	3.754014	4.089406	5.944131	3.564425	5.245809	4.491533	3.749312
0.79862	0.932042	1.982176	1.838698	1.586069	2.448243	1.465557	1.705732	1.694013	2.64384
5.436276	3.998899	3.760701	5.095521	3.662291	4.553588	4.996955	5.18743	6.136868	6.132168
0.473472	1.145088	2.055904	0.892612	1.518137	3.119278	1.008292	1.759654	4.982374	5.358928
3.45565	2.905577	3.709533	3.672507	2.59222	3.962555	3.094078	3.494988	3.975551	1.879372
0.233525	1.319584	0.106762	2.844298	0.686562	0.768717	1.020822	0.973235	0.454755	0.818886
8.084413	5.460704	4.057369	7.906501	9.53719	8.550042	7.796985	6.054384	7.214189	8.380281
2.747475	3.832639	3.965555	3.318246	3.120817	2.850918	3.359646	3.573143	2.971614	1.972158
3.638547	4.166548	4.554413	4.374274	3.747178	3.829851	3.916927	3.977357	4.401213	2.418291
1.110946	1.602483	0.732311	0.143024	0.974873	0.748189	0.708172	1.324113	0.69186	2.160885
4.842478	5.055833	4.730443	5.349153	6.005692	5.568703	5.573505	4.967578	4.834502	4.399036
3.587828	3.17623	2.870969	3.536909	3.386185	2.983144	3.301599	3.976206	3.257275	2.151511
1.206875	1.933723	2.772157	1.545611	3.304087	2.535324	1.017769	1.867368	2.993584	4.138903
2.183444	2.002675	2.532495	3.526758	3.315445	2.813027	2.386652	2.700333	2.844572	4.325933
3.728215	3.314878	2.983668	3.659024	3.523934	4.417982	3.71248	4.734161	4.649918	3.697669
5.54075	0.795554	2.54014	2.914635	2.833619	4.652057	4.192329	4.893601	3.907351	5.956158
5.118267	1.610064	3.256546	3.81793	2.781105	5.398077	2.682649	1.475034	5.510153	3.83591
1.808471	1.773555	3.660941	2.341586	3.743763	2.451949	2.520471	2.325242	2.103064	4.951212
2.085459	2.602996	3.364436	3.453766	3.352107	2.886333	2.521647	2.267157	4.396063	1.719528
2.285804	3.314447	3.83029	2.971164	3.034125	2.947731	2.633844	3.298644	2.963873	1.394184
3.360743	2.914051	3.782865	3.611794	2.770251	2.289592	3.737143	3.984354	2.964967	1.841383
1.876027	0.807586	1.260251	2.107764	2.109781	3.113008	2.405645	2.674784	1.975696	1.208291
3.77984	4.871274	6.523702	4.444891	4.607463	3.980173	4.351039	4.299202	3.452906	5.241473
7.481904	6.143139	6.824681	6.087236	7.274307	7.651188	7.320346	6.908379	8.118795	8.357149
0.413907	0.954655	1.66125	0.858809	1.203238	1.405315	0.879895	1.056863	1.305253	0.815682
5.55115	5.259333	5.591911	5.509172	5.535557	5.299764	5.146272	5.562154	5.101325	5.572611
0.096105	0.448655	0.6673	0.192357	1.316533	0.556775	0.356135	1.413569	0.391506	1.66181
2.964933	4.243835	4.117902	3.445186	3.813491	3.382687	3.805969	3.841686	3.378662	2.735794
2.245887	1.259755	4.803375	5.872922	3.874963	0.73153	1.424196	2.679186	1.009117	4.578943
1.273934	2.83973	3.704606	2.444482	2.460371	2.643629	1.452667	2.295136	3.535481	2.592338
2.868997	2.665722	3.733408	3.546322	2.747761	2.946912	2.736678	2.983369	2.867711	4.045001
4.848037	2.733405	3.248539	6.928674	3.327339	5.631915	4.689377	3.651442	5.141417	4.794188
-0.00743	-0.13824	0.060837	0.027237	0.905077	1.337573	-0.24231	0.817679	2.017245	2.554134
1.913187	2.067445	2.869748	2.070519	4.102902	3.320823	1.858622	1.605847	3.813023	6.13414

0.205698	0.04769	0.47944	0.628366	2.186037	0.823272	-0.08268	0.302554	0.218149	1.705104
3.147975	2.981927	4.004075	4.865647	4.004602	5.95474	2.789007	3.737013	5.296043	5.061119
1.314938	3.577139	4.388016	1.89066	2.89607	2.66852	2.681647	2.869024	1.358877	4.029459
3.194477	4.014817	5.261552	3.249578	3.277281	4.375432	3.693416	3.902312	3.463012	2.489222
2.408231	2.186485	1.532876	2.839929	2.855922	2.780804	2.512027	2.406632	2.959208	1.812265
5.563261	5.862625	6.049272	5.522259	7.056889	6.093043	6.989519	6.431548	4.524673	4.769411
1.657531	2.322719	2.961872	1.930534	3.199992	2.634121	1.264408	2.029183	3.352162	4.410428
7.690752	6.856877	6.81234	7.07648	7.842604	6.121838	7.339685	5.954436	6.381843	4.714303
1.954968	0.951249	2.78558	2.257897	1.197835	4.99865	0.966584	1.627406	3.416484	3.273668
1.148117	3.715382	3.095477	2.108193	3.047605	1.726409	2.252986	2.551285	1.931675	3.288658
2.712566	3.060155	3.101249	3.514633	3.181548	4.962832	3.19438	2.733855	3.501435	2.252227
0.017751	-0.06362	0.155657	0.439964	0.501655	0.214338	0.165638	0.649977	0.242638	0.958862
7.479336	8.303427	6.438802	7.611543	8.784636	7.228775	7.49087	8.151534	8.464061	7.838215
4.661026	5.678896	4.996837	4.225318	3.638983	4.730429	4.589867	5.14722	4.535582	2.072992
2.057139	3.630211	3.077587	3.310461	2.896046	5.03125	2.405941	3.218247	2.989417	1.420599
0.460421	0.102543	0.870109	0.876507	1.072084	1.336277	0.460421	0.920457	0.837649	1.749135
4.460067	4.448292	4.361969	5.192477	4.319442	4.922121	5.071881	5.202794	5.167225	0.757357
0.510448	0.371691	2.704689	2.658585	1.331302	3.793212	0.802015	0.789478	3.271581	2.694072
2.278606	2.636068	2.139684	2.787236	2.977074	3.13529	2.820871	3.186186	2.243574	2.530885
2.78444	3.566629	3.244346	3.340972	3.254266	4.049379	3.039438	3.115076	2.942385	2.280345
0.040482	0.112318	0.365362	0.355575	0.276173	0.412375	0.180372	0.265873	-0.00973	1.308423
-0.03658	-0.03658	-0.0011	-0.03658	0.497284	0.120722	0.044643	0.662396	-0.02464	0.442167
3.118561	2.800798	3.544652	1.509902	4.756149	3.618634	4.654986	1.801263	3.706578	2.789545
3.316708	3.506202	2.194409	3.390438	4.536561	2.344866	4.580708	2.939037	3.497169	3.076716
2.122197	1.995981	3.100462	1.412342	4.986719	2.597716	3.544536	2.124398	4.079166	2.679545
2.692122	3.583261	2.725023	3.119163	3.367231	2.967208	3.309445	3.74188	3.045657	1.817863
3.496932	2.287	3.496932	3.530324	4.136885	3.850485	4.092172	4.965967	4.107969	3.285795
6.823669	6.957929	6.27319	5.676889	8.244618	6.641678	7.428273	6.8728	6.554964	5.044754
-0.00602	-0.08309	0.077707	0.15357	0.670673	-0.05137	-0.08309	0.56904	-0.08309	-0.08309
0.149765	0.173929	1.100847	0.774638	1.228577	1.199162	0.758661	0.889204	0.364635	2.114147
2.773334	3.696506	3.5073	3.048808	3.744927	2.994406	3.245918	4.076105	3.524834	2.357337
6.412077	7.261294	7.356204	5.377369	6.757798	7.420602	5.921361	6.985659	7.924711	5.799494
-0.04459	0.040049	0.314881	0.764766	0.370875	0.040049	-0.03015	0.348728	0.45632	0.63239
0.197821	0.421481	-0.06501	0.306749	0.464529	1.432396	0.26599	1.017069	0.65363	0.947744
4.27303	4.669176	3.619426	4.166182	4.177294	4.510518	4.478254	4.474636	4.296493	1.083767
5.494658	4.833086	4.800943	4.902863	5.226092	5.565736	5.423292	5.274909	5.521195	4.90141
5.420994	5.313898	5.43794	5.264509	5.126377	5.516854	5.675204	5.527228	4.248295	4.772617
4.702621	3.952917	4.028519	3.32393	4.127063	3.86907	4.544597	3.827534	4.315713	3.248663
4.071635	3.609256	4.004113	4.367658	3.935216	6.053331	4.035545	5.196533	4.622859	2.470448
1.101096	0.651974	1.513916	1.891233	1.178897	0.932818	0.830599	1.295637	1.026784	0.942563
3.148849	3.512386	3.596671	2.697863	4.091828	5.524068	2.597863	3.408645	5.833168	6.756665
-0.04249	-0.04249	-0.01751	-0.00519	0.417652	-0.01751	-0.04249	0.408858	-0.04249	1.072741
4.52277	4.890426	6.080625	6.02836	5.768764	7.564408	5.169375	4.028224	5.855939	6.770599
3.313316	3.751734	4.297349	3.671062	4.397844	4.547301	3.411599	4.367584	3.850705	3.190287
4.086511	4.283217	5.349058	4.685129	4.4409	5.310327	4.606801	4.209292	5.435951	3.636521
2.015539	3.910508	3.593132	3.438843	3.403677	3.092809	3.092809	4.053852	2.033151	2.097387
4.150998	3.334887	3.96137	9.598279	3.880542	7.895323	4.450824	4.21354	5.972655	5.036647

1.920654	1.441318	2.055526	2.736911	2.025269	4.156714	2.145477	0.928943	2.677885	1.459548
-0.03005	-0.03005	-0.03005	-0.03005	0.488186	0.342287	-0.03005	0.519941	-0.03005	0.232321
4.208208	5.197122	4.956603	4.46656	3.554076	3.643044	4.656435	4.754324	4.951393	3.72794
0.287647	0.555241	0.287647	0.315381	0.760837	0.315381	0.408455	0.245019	0.287647	1.899739
0.248393	0.037102	0.010045	0.259895	0.152862	0.152862	0.452436	0.576868	0.201431	0.648354
5.215025	4.846821	5.001381	4.752559	7.550109	5.620209	5.801663	5.71315	6.09443	5.678528
4.317926	4.813785	3.351148	3.071979	4.67088	3.938527	4.855994	3.242019	3.444298	2.754888
2.108825	1.31055	3.230882	1.831412	2.207918	2.252453	2.801822	2.611047	1.961453	1.91086
1.19907	0.279774	0.711724	1.675657	3.348413	2.134364	1.686967	1.29125	2.035	1.909028
5.251175	5.28731	6.186988	6.701251	6.8967	7.596	5.494766	5.619081	7.390916	8.065578
-0.02556	0.095162	0.059562	0.003635	0.475063	-0.02556	-0.02556	0.194855	0.112492	1.165674
0.825896	0.748929	1.7462	1.806808	2.127361	2.976687	0.651638	1.805401	2.07592	3.529139
2.217119	2.793665	4.824747	2.852427	3.150627	3.472905	2.387099	2.973411	2.829997	1.984983
4.030808	5.146909	5.816007	5.183906	5.944835	6.128821	4.733603	4.352866	5.551929	7.220074
-0.02514	-0.04377	0.860078	-0.10171	0.469198	0.864113	0.299161	0.641006	0.264481	2.454954
0.19518	0.170864	0.642518	0.739142	1.12455	0.272526	0.187135	0.997859	0.265034	1.398134
4.499835	5.973065	5.205112	4.48469	4.46238	4.798695	4.931262	5.499525	5.263725	3.450449
5.269428	5.427713	4.144864	4.511706	4.982068	5.474262	5.585623	5.510322	4.892988	4.563092
-0.02312	-0.04867	0.014279	-0.01054	0.598645	0.014279	-0.02312	0.449116	-0.01054	1.453711
9.249597	9.900791	9.775517	9.433756	8.987859	11.23809	9.485551	11.92233	9.216146	9.41739
4.578787	4.451209	5.003508	4.278582	4.791426	5.047433	4.850906	4.658375	4.713928	3.840291
0.498549	2.442968	1.277784	0.201458	1.34821	2.546054	2.032814	2.213337	2.982252	2.487481
5.831743	3.203193	5.777935	6.342207	5.997101	7.417107	6.20943	5.232536	6.799224	8.091299
3.946117	4.79646	3.850027	3.99318	3.44438	3.151782	4.202465	4.758499	3.606899	2.888132
2.321592	4.345605	4.216614	2.580946	4.181444	3.36143	2.254314	2.977832	3.709906	4.299379
0.927888	0.71308	1.983016	1.144301	1.766211	1.248737	1.030739	1.084022	1.201909	2.454421
-0.02435	0.026841	0.131381	0.026841	0.08515	0.274879	-0.02435	0.50744	0.006662	0.550779
0.437037	0.168244	1.599562	0.554701	0.545254	0.477335	0.706481	0.851467	0.251953	0.240289
3.369903	6.394067	5.19608	4.060269	6.505262	5.949263	3.260516	4.650618	5.76005	5.263464
2.818164	2.577213	3.771845	5.296221	3.302296	6.425473	3.02148	4.461628	4.768112	1.61905
1.36573	1.810151	3.351494	1.987172	2.7931	2.123448	0.731587	0.353392	3.839179	5.405604
4.134883	4.398572	3.316797	6.152299	5.312155	5.163552	4.592239	4.676678	4.316465	3.472018
1.466039	1.164314	0.65825	0.202095	2.343031	1.863128	0.571317	1.571829	3.538554	3.333409
6.354591	4.052999	3.629065	5.275006	4.252366	4.725543	5.650716	4.32872	3.937469	4.053594
0.943953	1.396306	1.666717	0.543273	1.526828	1.756225	1.133783	1.510843	0.256927	2.465392
2.721794	3.666426	4.13286	3.158217	3.743094	2.684597	2.889149	3.78136	2.561274	4.313251
1.610508	2.278049	2.13016	2.106635	1.964323	2.218646	1.315506	2.633182	2.475798	0.815558
0.250924	0.259352	0.250924	0.534847	1.021337	0.724224	0.430864	1.101581	1.008147	2.054511
5.442411	4.680342	4.692422	5.186337	5.078315	4.988701	5.260126	5.423142	4.737921	3.691942
5.813873	4.639021	4.513127	4.919944	4.826204	6.845346	5.041742	4.213216	7.04519	4.684598
0.250874	0.494605	0.545056	0.415166	1.479894	0.898326	0.291387	1.207984	1.309564	1.412619
4.053064	3.906201	2.817747	4.200901	3.499337	5.936136	4.469441	4.236696	4.746331	5.268142
7.203822	7.560148	6.297908	7.248763	7.434925	6.950699	7.834896	5.928103	7.233008	5.197471
-0.03661	-0.03661	0.361673	1.089698	0.277648	0.108074	1.082451	0.929753	-0.02151	1.082451
2.772194	2.987869	3.01673	2.718996	3.404755	3.598278	2.707602	2.413143	3.262297	2.999278
1.466277	1.459637	1.98993	1.31912	2.275907	2.492063	1.469584	0.801021	2.286479	3.031088
2.27201	1.456832	2.642444	3.080533	2.34821	3.212864	1.836895	1.96172	3.288704	2.676373

3.530625	2.901614	3.380253	3.705722	5.158509	2.618405	4.348916	3.516766	3.406643	3.157282
0.298459	0.737369	0.366833	0.737369	3.378511	3.062853	1.21205	1.507263	1.974837	2.240271
2.12356	2.11023	2.1884	1.871701	2.274488	2.537464	2.896894	2.281631	2.436742	1.714515
2.980408	4.269065	4.426945	3.21855	3.905244	3.609101	2.8678	3.337779	4.278296	2.557851
8.846104	7.034287	7.321539	8.990362	8.5255	10.70619	7.240248	6.11343	9.829187	10.28609
3.6514	4.545594	4.853074	3.714511	6.096301	4.030669	4.234477	4.372248	3.973174	3.540059
2.732728	3.418737	3.724415	2.638707	3.979649	3.583458	1.740239	1.528573	4.599769	3.984893
8.355865	6.839251	6.467276	6.545653	7.941765	7.070711	7.98996	6.045278	7.2642	6.375996
4.603956	4.13105	4.723515	4.169851	4.461663	2.609496	5.474335	3.880293	3.32293	2.252344
3.135448	3.899571	3.379971	3.379971	3.72835	3.277699	3.480084	3.718613	3.422676	2.173697
0.35767	0.320807	1.396671	0.243835	1.717708	1.959583	1.425275	2.0607	0.620454	2.055699
2.826838	3.275389	3.754301	3.084992	2.586754	2.100207	3.150223	3.160867	3.187953	1.477379
3.725883	3.744302	3.27513	4.259711	4.466434	3.852621	3.986984	3.108171	3.191286	4.09104
2.854116	3.813351	3.38572	3.248437	3.467996	3.715032	3.537846	3.437155	3.3062	1.909867
2.291689	-0.25816	1.176702	2.200648	1.135935	2.539835	2.053072	1.8227	2.532835	1.421071
3.0088	3.202946	3.656959	4.099739	3.070545	3.198681	3.105042	2.995406	4.33187	3.038803
1.579679	1.768652	1.599567	1.615308	1.782887	1.411445	2.059833	2.444417	1.828329	1.50606
3.369717	2.338219	1.35213	2.574665	2.521084	3.061719	3.499539	2.620196	3.72702	2.30413
1.516701	5.062634	3.264566	3.893842	2.628472	4.140285	3.57805	3.138623	7.164496	2.307967
4.113729	3.966901	4.499452	3.777486	4.532493	4.246969	4.412293	4.38569	4.432065	3.490913
1.056846	1.654951	1.935491	2.577998	1.318166	2.050224	1.134287	1.843016	2.750552	1.251122
4.154485	5.141091	3.456421	3.874674	4.811372	4.256283	5.105565	5.658934	4.018659	3.717902
2.021005	1.510493	2.786411	3.043075	1.984442	5.479131	1.67944	2.425081	4.456946	2.408071
4.02319	4.963577	4.723245	5.226972	5.302582	5.814557	4.560417	4.330324	5.352203	3.978661
5.092024	4.736489	4.760316	4.748033	4.541159	4.672411	5.010226	4.963101	4.907163	3.622976
5.334377	5.093228	4.676923	5.391926	4.440659	4.24162	5.564502	4.880109	5.180086	2.106159
4.953568	4.293851	3.842228	4.695304	4.343563	6.068569	4.733159	3.990836	4.309819	3.559665
5.069034	4.999745	5.869975	5.439892	5.18594	6.046659	5.069034	5.2564	5.431834	4.858741
7.426444	5.342171	6.313586	4.185552	6.619671	7.973629	6.577512	3.432542	7.56824	7.107124
4.960443	5.256786	9.784706	2.738843	4.491511	2.794666	4.919086	5.832391	4.177713	1.649429
2.133928	3.345372	4.203452	2.993579	3.506215	4.785466	2.686467	2.719105	4.523045	2.902798
4.053218	6.095792	3.140533	7.007063	6.550813	5.808471	4.972999	5.092022	4.46566	3.333751
2.239756	3.036971	1.703665	2.833506	2.557603	2.666318	3.302954	2.727181	2.75338	0.447089
2.064322	2.540751	3.209433	2.780674	2.734254	3.073142	2.623174	2.575486	2.976299	2.953021
1.497971	0.894475	1.60298	3.01573	2.803207	3.950671	1.793334	2.460034	3.137756	2.620167
1.82834	1.588167	2.597361	2.389326	2.63585	2.380402	1.887649	2.107379	2.897852	4.688048
-0.17122	0.304947	0.181679	0.445051	1.44937	0.863581	-0.11686	1.081893	0.304947	1.240753
5.159539	6.108342	5.706226	6.056062	4.77279	4.671756	5.587005	5.6329	5.192393	2.622102
3.855143	4.960925	4.404586	3.664779	5.026108	5.681522	4.237124	3.379274	4.590828	3.679165
5.702255	5.707071	5.316416	5.989406	6.167153	5.443721	5.943698	5.747124	5.947966	4.192467
0.082546	0.052215	-0.075	0.036838	0.932948	1.127645	0.267195	0.358689	0.226377	0.141589
1.168269	2.943717	1.054168	2.561289	3.376757	1.299049	1.884592	2.273338	1.699229	0.995451
3.196233	3.631627	4.582915	4.077284	3.486199	3.383134	3.515859	3.304489	3.744755	3.721901
2.612815	2.966249	5.426611	5.626306	4.872831	6.669706	3.373281	2.040555	6.584337	4.591375
1.579513	2.068793	1.195518	1.20138	1.914131	1.610596	2.281548	2.48345	1.878171	2.278801
3.662733	4.687104	4.0812	4.22712	3.227675	3.495507	3.639403	3.889823	3.76197	2.393055
6.509401	6.610039	7.235628	6.777156	5.847959	6.209467	7.174382	7.480744	6.703404	5.455181

2.828871	3.266608	3.304692	3.316342	3.152695	3.736538	3.048876	3.847058	3.789261	2.114924
0.380449	0.531466	0.587152	0.463233	1.065113	0.473209	0.40166	0.934218	0.221066	1.119859
3.990591	4.169961	4.264591	4.098154	3.113699	4.495443	4.181208	3.698889	5.141796	4.462533
3.514361	3.735982	3.746534	2.781212	3.68322	3.964337	3.378295	3.610957	4.898888	3.962882
0.45373	0.271512	0.460032	1.557515	1.162128	2.487822	1.9592	3.095516	0.52751	0.832012
0.822425	1.963485	2.954875	2.006957	2.772742	2.741275	2.206936	1.926251	2.58751	2.855292
-0.06554	-0.06554	0.343564	-0.06554	0.650028	0.190804	0.190804	0.027582	0.096176	0.270167
4.613901	6.35724	5.47962	5.085164	5.750308	5.966099	4.780683	5.351557	5.812083	4.635799
4.112715	3.084083	5.307728	3.72454	4.806266	5.601675	2.763593	2.604976	5.926678	7.094807
5.267314	5.343486	6.294047	6.624487	5.776237	8.389974	5.902025	5.323624	7.299755	4.682557
6.014306	4.602706	4.17055	6.591967	4.364017	5.172661	6.640752	5.679949	4.931254	3.534549
2.234495	3.540568	4.032503	2.742828	3.731035	3.641743	1.878933	2.956976	4.17076	4.725574
3.165853	3.817457	3.618352	3.243636	2.645899	3.407953	3.637478	2.674854	3.32577	2.308059
3.65691	3.40101	3.733375	3.577322	3.293032	3.623683	3.491278	3.448011	3.681478	2.6275
0.026415	0.186175	0.57292	0.048892	0.609535	0.310266	0.235322	0.273337	0.206059	0.950282
0.155033	0.13808	0.120962	0.188454	0.20493	0.943477	0.20493	1.293616	0.086216	0.701478
2.4366	2.479294	2.841236	3.618918	1.876578	1.555416	1.514263	2.761203	2.983882	0.052962
0.125055	0.559896	1.13797	1.196764	2.164963	4.976189	0.317103	1.098311	2.775264	4.831159
6.412918	5.789192	6.062463	7.244671	6.958236	7.481342	7.051332	5.951418	6.350316	5.611752
2.833706	3.298772	4.341126	3.437536	4.047802	3.63183	3.421969	3.015531	4.157734	3.599692
3.699712	3.887366	4.202638	4.248657	4.775822	4.228773	4.446041	3.677647	3.802608	2.258957
3.511323	3.938227	4.015809	3.396174	2.777815	3.765548	3.542967	3.20899	3.638916	3.005804
3.400128	6.688216	3.993441	2.263971	5.291673	2.967908	3.157124	2.71795	3.410283	3.314234
4.036543	2.60844	3.281479	3.351443	3.312121	4.547018	3.496125	3.584547	3.124938	1.815101
5.808563	5.556749	4.210226	3.935333	5.993702	3.875667	6.798485	3.642566	4.134838	2.690056
3.798773	3.494424	3.681752	4.53186	4.310262	2.726238	4.99081	4.40574	4.55575	1.966089
2.492176	3.135359	3.667449	2.162275	1.855361	1.443744	2.660745	2.892971	2.356807	1.520076

CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_14	CGGA_17	CGGA_23	CGGA_24
0.894506	1.608331	0.531895	0.228164	1.206041	1.97221	1.016792	0.862006	0.517593	0.219105
1.25584	0.794695	0.573357	0.769732	0.849221	2.492276	2.066732	1.122245	0.244463	1.202163
5.130083	5.673238	5.30881	5.317911	5.198284	6.270813	5.535243	6.990843	4.4775	6.135936
5.923859	6.074505	3.310173	3.019023	2.992817	2.665089	2.602121	5.609941	-0.32044	5.822436
0.852659	1.383419	1.941419	0.73731	0.768642	0.985446	1.181098	0.665681	1.06717	1.225845
6.242601	6.8955	7.50474	7.210853	7.920271	7.34667	6.67335	8.688994	7.475106	6.14264
6.200643	5.31542	6.311718	6.162155	7.195456	6.951599	5.858436	5.753463	5.994673	5.556635
0.115936	0.038509	0.029609	0.115936	0.242961	0.55042	0.073502	1.135746	0.419156	2.803628
0.15591	-0.00328	0.108566	0.083942	-0.00328	-0.00328	-0.00328	0.564621	-0.00328	-0.00328
5.633157	6.109465	7.435845	5.479243	5.878101	5.795025	4.995737	6.799887	6.638337	5.353302
5.132621	4.692793	4.754487	4.995517	3.903479	4.876452	4.307502	4.316941	6.026198	4.108803
3.214115	2.201226	3.756692	2.623557	3.193572	3.844775	3.710957	2.85965	3.075397	3.738539
1.941588	1.011461	2.430039	2.765202	2.715024	2.98314	2.394424	2.675311	0.749201	1.552101
3.615094	2.258376	2.808591	4.415775	3.127512	3.407849	4.234566	3.213002	3.573155	3.683223
5.382548	6.602437	5.575731	5.154117	5.65945	5.0837	6.773236	4.28595	5.548833	3.646636
4.246513	3.499373	4.606873	2.758781	3.049001	2.387675	3.63113	3.865593	3.059437	2.533609
1.786637	0.485303	1.385863	0.99756	1.450945	1.946043	2.067258	0.448099	1.124046	0.897785
8.491954	7.241923	8.31984	9.098375	8.685952	8.671648	8.26755	9.169156	8.848719	7.676574
4.538653	5.675053	6.15332	4.039866	5.390721	5.353499	5.147114	4.614125	6.194064	3.905695
4.626711	4.334721	5.121608	4.428133	4.062628	3.944498	4.568675	3.27333	4.678427	3.148431
1.799307	3.528801	1.447267	3.663008	3.163164	3.328759	3.747868	3.040637	3.515761	2.642349
2.785044	2.99448	3.831296	2.914972	3.379	3.461799	3.268978	2.161364	3.273349	3.289636
3.752322	3.173232	3.436095	3.35925	3.328628	3.270943	3.379931	3.739176	2.635043	2.869857
1.559984	0.171556	1.323797	0.610433	1.037147	0.920681	0.494938	1.11156	1.984681	0.344234
4.177847	3.873756	5.557369	3.469052	3.632515	3.852236	3.950108	4.486367	2.6962	3.361015
2.501081	2.918557	4.453053	3.213279	2.883339	4.968171	4.971584	2.725507	2.462654	2.374181
0.79019	0.711176	0.86965	0.619583	1.574675	0.563794	0.659728	1.023513	0.830602	0.386571
4.827186	5.291865	5.081702	4.517301	5.626433	4.634417	4.817283	2.300738	5.603553	3.718047
1.717621	3.533032	3.474644	1.322393	2.086232	2.750084	1.953745	3.06356	2.285911	4.803375
4.63439	4.691674	4.479849	4.533119	4.76682	4.802201	4.670578	4.2345	5.079145	3.962133
3.243147	1.785964	3.226206	2.797351	1.944605	2.629262	2.913637	1.581547	2.277486	1.311934
5.259797	5.148155	3.589699	4.331524	7.82166	4.850826	5.05613	4.72157	5.876961	5.153742
4.930936	5.320725	5.299413	5.048636	5.158983	5.695834	6.540275	4.688498	4.505551	4.598934
2.259752	2.678529	4.80281	2.893373	4.541641	3.651217	2.622781	2.649812	3.198919	2.474358
2.66974	1.291979	3.632918	2.367636	3.436156	3.016042	2.655503	2.714309	1.607762	4.076857
2.890807	2.932465	2.929626	2.451794	2.691186	3.023433	3.390812	2.119517	2.54105	1.987274
4.667276	5.780302	5.67714	5.547123	6.265801	5.433515	4.902323	5.788872	6.041591	6.328629
4.237014	3.435654	4.042424	4.211747	4.176732	4.719641	4.193154	2.460387	3.956952	3.889495
5.089667	4.769007	5.575637	4.901877	4.766945	5.183679	5.370444	4.084813	5.103614	4.563689
-0.0226	-0.06999	-0.09953	-0.03191	-0.09953	-0.01339	0.040206	0.532815	0.200721	0.185771
3.791051	0.501212	0.101626	0.352318	5.224378	-0.01531	1.219	0.674874	0.501212	0.173728
2.199889	2.636115	2.938038	3.642747	2.455643	3.045965	2.322491	2.270236	3.119991	3.218028
3.792482	1.725024	1.517056	3.758576	2.1015	4.231811	4.873343	2.5655	1.21847	1.457593
1.255176	0.249036	0.832321	1.282005	0.890243	1.428778	1.739631	0.858974	2.100444	0.858974
0.651384	0.687124	2.163358	0.781395	2.652194	1.20182	0.46948	1.398642	0.263594	2.332557

10.79338	9.817125	9.092665	11.24682	11.23271	10.09053	11.35872	10.11803	9.105484	9.505109
4.924987	6.281939	5.929377	5.116275	4.547596	5.157308	4.361845	6.985975	6.501131	7.154314
4.486623	4.960017	5.557583	5.6312	4.953723	5.238764	4.658079	6.186454	5.381036	4.855456
1.985036	1.700358	0.662403	0.726817	0.674359	0.644254	1.210355	1.1867	1.357731	0.152082
0.957764	0.476499	1.756934	0.699534	1.195106	1.472431	0.451223	0.416784	0.399236	1.607399
0.299254	0.566649	0.259533	1.221846	0.819634	0.698691	0.550288	0.833217	0.582827	0.099983
2.262693	2.383129	3.140811	1.948245	2.326897	2.266547	2.225578	1.839667	2.524048	1.236429
5.111006	4.41159	5.205276	5.107699	3.866207	4.388223	2.866272	5.705174	4.343071	4.381816
5.145873	4.528676	5.312833	5.361449	4.266681	4.932595	4.428065	5.529748	5.007747	2.712536
0.626152	0.046325	0.095687	0.714851	0.119457	0.297719	0.957358	0.157825	-0.08933	-0.04197
0.476333	-0.02696	1.380656	0.861786	2.095767	1.475239	-0.02696	0.844112	2.098027	1.041808
8.827408	8.958598	7.046994	8.715622	7.352664	8.191459	7.949017	7.599511	3.581253	6.690669
9.062309	9.142906	8.476411	9.160137	7.86138	9.097086	8.874593	9.603385	9.295824	7.827718
3.344698	3.199484	6.118765	3.940879	5.285693	4.405736	2.660655	4.315577	4.113306	4.411245
2.64043	0.634103	1.153108	0.85364	3.175132	2.988823	2.910764	0.505757	1.980288	1.784936
4.435834	6.133451	5.360922	5.537064	5.258336	2.976816	3.328879	7.270222	5.425644	5.797155
3.073569	0.180315	2.236831	3.914263	3.528646	4.055237	4.381099	2.99256	-0.0713	2.025669
2.958475	2.989593	5.303357	2.574772	4.42263	3.315479	3.054496	2.466965	3.773173	4.012796
-0.04455	0.851275	1.251151	0.973235	-0.09923	2.978297	1.873381	1.527631	1.412408	2.285558
6.680108	5.824715	4.978229	7.381491	9.550631	6.475444	6.366041	9.373458	8.572429	9.647527
3.716334	2.815149	3.684048	2.763884	3.468446	3.96322	3.605512	1.647298	3.502676	2.609094
4.373595	4.680491	4.302485	3.877342	3.993824	4.181535	3.964917	2.357938	4.573532	2.761788
0.461787	0.926613	0.74027	0.840065	0.289577	0.057714	0.98838	0.563484	1.141594	0.331921
6.681778	6.212778	5.138283	6.557126	5.897742	6.506013	5.861844	6.894083	4.78674	4.703652
3.379727	3.452695	3.005593	2.501955	3.33721	3.728394	3.932389	2.875192	3.588794	4.920387
4.014758	2.107647	2.227615	2.607868	3.244124	3.984138	4.365754	2.578855	0.874282	1.787696
2.633745	3.487024	4.095981	3.613328	2.766552	3.672425	3.215797	4.078413	2.870478	2.388845
3.588226	3.728215	3.70509	4.552975	3.515735	4.090675	3.547157	4.32183	4.370174	6.872801
3.571251	3.296284	1.364744	4.523253	1.162067	2.693261	3.367351	5.145415	2.567869	6.584384
3.421838	3.599594	2.71772	5.628733	0.791641	2.001502	4.191379	1.859558	1.229924	3.564382
3.445723	2.429979	1.754215	3.046901	2.756071	3.543711	3.158656	3.475327	1.181149	2.628419
4.819785	1.97323	4.557837	3.529411	4.647937	4.176401	4.786905	1.60334	2.844584	2.108149
3.02425	2.950676	3.392671	2.134764	2.750472	3.084102	2.952147	1.990207	2.603952	2.197539
2.855709	2.851623	4.079169	2.120834	3.081456	3.389178	3.189883	2.427802	3.30101	4.207807
2.042721	1.200712	2.225904	1.824085	2.907103	1.842418	1.772742	2.418707	1.919264	2.401539
4.783342	4.74646	4.077444	4.203842	4.833287	4.408791	4.021318	3.023895	3.662149	2.769779
7.375568	8.005347	7.726232	8.771996	7.289427	7.093542	6.144007	9.06846	7.007445	7.141497
1.657203	0.993844	2.384592	1.395618	1.284373	1.898943	1.507856	0.733069	0.578071	1.681309
5.673315	6.332544	5.477329	5.940362	6.051111	5.215324	4.521684	8.074536	5.888673	4.025043
0.192357	0.192357	0.448655	0.403112	0.535769	0.368019	0.138119	1.15102	0.426058	0.924616
3.462736	3.59853	4.663681	2.643469	3.854016	3.65015	4.023112	2.883991	4.080303	2.52553
5.979564	3.012546	2.398466	3.962446	4.810492	4.659529	4.05664	4.017479	1.57012	0.738099
3.499685	1.472529	2.787292	3.328625	2.969902	2.503176	2.749083	0.977773	2.170077	1.503743
3.098418	2.651169	2.7157	2.800781	3.529834	3.826734	3.079207	2.843083	3.688728	2.163695
3.926103	2.718831	4.811824	4.965028	5.703184	4.468217	3.629549	5.210656	5.252125	4.449526
0.897415	-0.14821	0.33064	1.706798	1.362967	1.197993	1.470453	0.458528	0.801009	3.219566
3.422292	3.185605	1.680192	3.853788	3.337395	4.250188	4.52312	3.880451	1.834209	2.097953

0.242749	0.04769	-0.05273	0.904193	0.290781	0.033747	0.560687	0.230499	0.500164	0.242749
4.38913	3.25493	2.990242	4.822379	5.761466	5.267833	5.157605	2.993789	4.666171	2.443633
2.410064	2.664121	2.228704	1.532599	2.582891	2.545478	2.094785	0.755969	2.339334	1.047195
3.037691	3.930294	3.867273	2.34997	4.147534	3.085817	2.946631	2.375181	3.509328	4.321069
2.65868	2.403429	2.815023	2.6887	2.918415	2.59269	3.505834	2.470967	2.510524	3.236676
5.331819	5.518509	2.981752	5.31822	5.046591	7.08393	6.931696	5.959742	5.864981	4.730769
3.298112	1.326424	1.281188	3.112157	2.843817	4.017038	4.732138	1.285355	1.310126	2.052264
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0.175537	0.10447	-0.03981	0.538665	0.288374	-0.06362	0.486527	0.297316	-0.06362	0.028939
7.841983	8.229575	8.522806	9.383707	8.192556	7.937992	7.565597	8.271804	8.424355	8.914279
4.594034	3.265201	4.690974	3.888644	4.221082	5.105515	4.741971	4.781346	4.624548	4.490405
3.9806	2.384	2.363417	3.15454	4.589504	2.976478	2.638473	2.477594	2.982964	1.526177
1.227988	0.379545	0.58519	0.42508	1.742482	1.772165	1.223074	0.86368	0.313066	1.541276
4.975593	4.004494	5.240706	3.84803	4.13201	3.928908	4.853239	4.340536	4.907506	3.856049
2.497647	0.446934	1.854035	2.109961	1.09761	2.277865	2.634926	1.368626	0.06372	0.971754
3.386474	1.48343	3.037376	2.577899	2.86298	2.770189	3.089383	1.66787	2.70039	2.934016
3.611095	2.943876	4.062347	3.116419	3.619054	4.254436	3.444455	2.174821	3.153612	2.389996
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4.000848	4.154598	3.110563	3.46948	4.572561	3.683821	3.996085	3.550856	0.418018	2.691623
2.726738	2.394385	2.392707	4.383484	3.982027	5.924893	3.825671	5.336906	4.483578	2.675692
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2.90907	3.681869	4.361901	2.705353	3.287102	3.323668	3.010578	3.138398	3.021727	2.506056
4.311099	4.065845	4.151581	3.332936	4.031039	5.621166	4.499615	4.198081	3.68112	2.92385
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0.918297	0.692947	0.676046	1.211	2.059097	0.967858	1.094478	0.925481	0.311081	1.138495
2.800713	3.221714	3.188615	3.004995	2.755254	3.992828	4.059633	1.31503	2.873661	1.613015
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-0.01584	0.244796	0.158647	0.158647	0.244796	-0.01584	0.291882	0.120151	0.067229	0.196178
0.406789	-0.0119	0.008719	0.257674	0.361629	1.582919	0.578882	0.629217	0.443194	2.697293
5.36547	3.06764	4.346457	3.266409	4.050858	4.217501	4.656027	2.72742	5.543074	3.140988
5.029137	5.056497	5.519336	6.080436	5.563182	5.499539	5.554405	5.570471	6.040897	7.070881
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4.178888	3.536001	3.94977	4.170638	3.785625	3.782142	4.175593	3.196844	4.564707	4.545037
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0.976043	0.547811	0.942563	0.607545	0.994751	0.922991	0.927915	0.990102	2.304662	1.908296
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3.770858	4.463784	2.251644	4.157975	2.431951	3.087194	3.84649	3.956358	5.148979	2.329612
0.287647	0.395521	0.329051	0.369299	0.315381	0.245019	0.245019	0.566824	0.301581	0.245019
-0.01754	-0.04567	0.023638	0.271305	-0.01754	0.010045	0.501593	0.213318	0.063654	0.511223
7.062559	5.614534	7.898947	6.593049	7.736005	7.691936	6.778027	6.847436	4.487749	6.046317
3.293801	3.81077	2.810054	3.427209	3.672144	3.794579	3.458508	3.005796	4.270733	3.203605
2.01629	2.069082	2.916078	1.91086	3.565759	1.871693	1.824586	2.589945	3.167803	2.560407
1.281298	0.689193	0.704254	0.944877	1.727685	0.777252	1.261182	1.245906	1.791898	1.382479
7.540082	5.59176	9.030469	6.94807	6.993037	7.196097	7.647862	6.728787	5.774697	6.186121
0.327742	0.086381	0.077522	-0.02556	0.095162	0.112492	0.003635	0.248677	-0.02556	0.313829
2.79967	1.124636	1.794081	1.938405	1.993677	2.581779	2.825383	1.47974	1.438147	1.432359
2.94495	2.720689	2.4774	3.08519	3.528785	3.07991	3.950016	1.614004	2.438749	1.534438
8.365399	5.453666	5.934808	6.939945	6.012536	6.656644	6.816089	5.003866	4.295532	5.423291
0.839667	0.250289	0.168681	0.05493	0.735892	0.80618	0.020081	0.121401	0.105166	0.326118
0.279967	0.120541	0.392596	0.120541	-0.02625	-0.04607	-0.05612	0.438434	0.137575	0.094481
5.195096	6.294772	4.46546	5.395539	4.305714	4.173335	5.46752	4.723634	4.77355	2.63068
5.040762	5.291582	5.729092	5.283812	5.985707	5.97067	4.541114	5.7371	4.733683	7.385622
0.239457	-0.03583	0.074326	-0.02312	0.186705	0.08601	-0.04867	0.509322	0.014279	-0.04867
9.523608	9.387047	9.158183	9.739919	8.239018	10.01648	9.679265	12.65128	11.65504	7.842633
4.556262	4.790071	5.345439	4.520878	6.202082	5.123191	4.646662	4.301916	5.51765	3.607643
1.464052	0.232277	0.753473	0.498549	3.240937	5.008706	2.453283	2.483727	0.061258	3.859922
6.992324	5.003379	7.096655	5.688355	7.703489	7.584066	6.628794	7.137494	5.988495	6.373135
3.557481	3.934859	5.245975	2.81513	2.667131	2.119489	3.192375	3.386275	4.332625	3.407972
3.482451	4.50974	3.360045	4.238524	3.353106	3.873121	3.18073	1.866646	2.568819	3.012507
1.834596	1.22766	0.798583	1.269477	1.673077	1.714646	2.098936	0.614766	0.668124	1.252911
0.006662	-0.02435	-0.02435	0.0168	0.140388	0.140388	-0.02435	-0.02435	0.149318	-0.02435
0.352891	0.29769	0.926125	0.320025	0.851467	0.385025	0.168244	0.487236	1.010889	1.754984
6.180559	6.433357	6.634315	6.466742	5.105006	6.242487	6.859692	4.780594	3.268627	3.537034
5.405003	3.094247	3.956754	2.77219	6.97407	3.540144	3.018294	1.760159	5.39838	2.636625
4.956848	1.813416	2.297436	4.089594	3.814523	1.645723	1.767128	1.652894	1.357273	0.260446
5.293038	5.474763	4.487182	5.051609	4.327585	4.161543	5.504282	5.142388	6.020133	4.876717
0.510002	-0.13482	0.077465	0.2697	1.692341	3.166721	1.080524	1.779002	0.231494	2.327316
4.572723	5.202051	4.155385	4.328223	3.947067	3.707928	5.154579	4.740014	5.456636	6.085615
1.605409	1.636231	1.328679	0.86425	1.968182	0.632542	0.101919	1.968182	1.276862	0.943953
3.253248	3.813552	3.061677	3.718729	3.201812	3.795402	3.494063	3.166991	3.307094	2.908423
1.883807	1.930185	2.069688	1.367831	0.833099	1.574786	1.690118	0.80224	1.777388	0.271701
0.684067	0.116604	0.116604	0.276028	0.514778	1.693779	0.712891	0.684067	0.371371	0.225268
4.545939	5.282687	4.80364	4.666591	4.467793	4.232888	4.236243	6.210753	5.852282	4.070818
6.347878	4.788933	6.939102	6.966284	5.955676	6.755806	6.4682	4.310137	5.167023	4.167564
1.098047	0.655862	0.700676	0.853225	0.468646	1.286069	1.702268	0.715286	0.368905	0.209095
5.130023	3.211696	3.892365	2.885616	4.847141	6.282749	4.933509	4.423524	3.997377	6.324456
8.124998	7.336421	6.799288	7.693586	5.361893	6.990174	6.169114	7.181147	5.804234	5.942364
-0.03661	-0.03661	-0.03661	-0.03661	0.28994	0.008259	0.148921	0.588997	1.015631	0.821571
3.287767	2.225638	3.369479	2.850121	2.444144	3.683984	3.383696	2.661079	2.241665	2.858138
2.133925	1.114457	1.061192	1.033713	1.715468	2.429201	2.403816	1.173944	0.720992	1.815266
2.959172	1.609763	2.644661	2.875065	2.791966	2.623449	2.978083	1.933085	2.448833	2.451411

3.71219	3.305521	1.920205	4.23535	4.57156	3.967115	3.971135	3.537961	2.414121	3.797427
2.875618	2.103367	0.817773	1.927393	2.535246	2.502093	2.605813	2.683811	0.059843	3.760209
3.026523	1.42975	3.328631	1.7003	3.378987	3.336582	2.178221	2.574681	2.501286	3.29754
4.377541	4.147839	4.613253	3.884341	3.81914	4.023137	4.145362	2.643844	3.115939	2.478023
9.03966	8.460451	8.605586	9.921808	9.102717	9.658145	10.00592	10.11281	10.23639	8.515535
6.017799	4.944283	3.778047	4.702687	4.709502	4.079259	4.628522	4.686321	3.917832	3.866706
4.385274	2.66496	2.605962	3.134875	3.305275	5.581221	5.86496	2.124788	0.856048	2.402672
6.805161	7.183401	5.71426	8.0486	6.878472	6.254987	7.272532	7.048624	7.412169	7.488151
3.260094	3.986433	3.684622	3.022178	4.550549	2.899201	3.118018	4.159368	3.999684	3.498806
3.208777	3.507918	3.223575	2.250252	3.246928	3.43473	3.567702	2.294228	3.203559	3.235302
1.147296	1.106746	0.063619	0.620454	1.756	0.282883	0.462448	1.499923	0.559506	2.152282
2.970703	3.10074	3.127198	2.557271	2.801078	3.175965	4.143274	2.540203	2.588842	2.940097
3.924129	3.506524	4.823786	4.326942	3.686474	4.104026	4.860627	4.42366	3.804597	4.240344
3.537846	2.988487	4.260925	2.403691	3.559303	4.033197	3.869574	2.037552	2.955227	2.917862
1.756316	1.894945	0.570553	2.019202	2.135297	1.23047	1.030597	1.457497	2.013139	2.116596
3.803688	3.123121	3.850722	3.685009	3.405807	3.99302	4.890633	2.921449	2.291942	2.217765
1.371141	1.747071	1.563597	1.263501	1.92546	1.563597	1.627018	0.921417	2.260495	1.53918
2.407694	3.448446	3.389109	3.017528	3.060574	1.820986	2.888043	2.076695	2.382478	3.352889
4.815849	1.186701	2.553733	1.480409	3.475034	4.447611	3.676958	2.624898	3.167324	5.027685
4.147693	4.698713	4.815541	5.10704	4.101809	3.940001	4.304189	5.448636	5.07658	3.07861
2.210629	1.968242	1.566736	1.764034	1.175918	0.834616	1.350445	1.041803	1.689254	0.201668
3.73518	4.440571	3.248222	4.120976	4.808344	5.053581	4.396388	4.15758	4.774199	4.032476
5.448836	2.789642	4.282224	4.754301	5.845276	4.205793	4.776553	1.698848	2.537223	3.13534
4.845923	4.545551	5.250094	5.379463	5.383809	5.546528	4.845078	4.475697	5.027639	3.0555
4.351305	4.459389	4.492189	3.678648	5.506481	4.357523	3.740009	4.098813	4.528113	4.763576
5.39078	3.613937	4.99342	3.61522	5.032515	5.228366	5.156612	2.961621	4.442248	5.336981
4.785218	4.667211	4.006723	3.884081	4.906267	4.026707	4.693478	3.678362	4.508075	5.60977
5.061998	5.318708	5.555252	5.189499	6.451425	4.036568	4.62234	6.072997	5.836721	4.708051
5.765105	5.811425	5.488033	8.214296	5.302589	5.16924	6.456507	6.895524	5.288829	5.940166
3.240338	4.025413	2.85264	3.198684	4.17604	3.896157	4.63097	4.771927	4.561255	3.056019
4.038351	3.415847	5.098045	4.232665	4.625728	3.645795	3.531115	3.067811	1.729767	2.906743
5.562884	5.997162	5.231514	5.773091	4.466676	5.53264	5.919856	4.76842	7.138775	4.239962
2.184833	2.056798	3.450574	1.783977	4.00867	3.446972	3.072356	1.572645	3.113629	2.344445
3.488985	2.676931	2.360691	3.093196	3.39692	3.138034	3.15314	2.04421	2.617296	2.339523
3.081632	1.978197	1.580404	2.198375	2.989079	1.858685	2.702743	2.313051	2.637711	1.814248
3.695147	3.162202	1.743367	2.93442	2.932847	3.374174	3.588046	3.170336	2.055953	2.970154
0.160025	-0.1036	0.022473	0.285149	0.295083	1.024619	0.223999	0.620075	0.104361	0.666274
5.113429	5.360094	6.997684	3.735132	5.044829	5.461979	4.936792	4.161483	6.106498	4.863309
5.589937	4.44251	4.595764	5.718441	4.769078	4.610507	4.507182	4.813211	4.435616	3.877282
5.712439	5.507581	4.967997	5.526254	5.344776	6.315182	6.625909	5.207871	6.237342	4.690581
0.627971	-0.075	0.320096	0.320096	1.197997	0.156026	-0.075	1.111597	0.383926	0.267195
0.312863	1.291709	0.75791	0.869425	2.1911	4.094136	2.261153	3.065254	2.299071	2.613029
2.852442	4.882305	3.625295	3.319283	3.984802	3.350008	2.76725	4.163799	4.432474	3.425548
6.028483	3.483015	7.928363	6.040148	6.993371	5.691591	5.534456	3.604959	3.766959	1.853195
1.708208	2.155337	1.258719	1.740653	1.708208	1.720462	1.340627	1.795718	1.776295	1.848735
3.576951	3.478216	4.25052	3.567882	2.65193	3.58448	3.618783	2.220484	3.922262	2.99444
6.741937	7.16616	7.139265	6.420152	5.549957	5.856252	6.728178	7.037187	6.621401	4.938209

2.989061	2.495244	4.580648	2.299341	3.315051	2.971807	3.108135	1.424671	3.003051	2.663552
0.57804	0.369709	0.256955	0.483108	0.432822	0.540919	0.657772	0.780393	0.512345	0.325809
4.690936	4.088315	4.867159	4.4847	4.69373	5.071078	4.814556	2.172806	4.513736	5.382321
3.809502	4.091188	3.35192	3.987475	3.547668	5.670383	6.111801	2.234532	3.018183	2.801943
0.911074	1.440058	0.732724	0.807859	2.382858	1.996419	1.273954	2.379781	1.158364	6.32116
2.795211	0.706282	2.112555	1.933773	2.731121	2.257986	2.474135	1.400101	0.349971	1.167015
0.009654	-0.00861	-0.00861	-0.04619	0.009654	2.085619	-0.02722	0.943945	-0.06554	0.452915
5.861342	5.884532	5.940537	5.855856	5.111455	5.217356	5.314093	4.55746	5.336921	4.158037
5.306323	3.809181	2.892022	5.693452	4.89475	5.310254	5.05027	4.394997	1.451056	3.787886
6.425897	5.753557	7.855246	7.193974	6.58689	6.757195	6.60772	6.108104	6.397068	5.093602
3.982642	5.681191	5.615942	5.008313	4.018763	5.454201	5.799885	4.899658	6.282869	5.752259
3.342543	4.20564	2.545296	4.355495	2.72527	2.851972	3.855679	3.951584	2.821822	4.08609
3.168591	3.164482	3.770916	2.111006	3.651166	3.933341	3.350694	1.657187	3.596863	1.802134
3.117313	3.577322	3.888297	3.392271	3.39774	3.582037	3.19035	2.910991	3.906554	3.799102
0.846372	0.103433	1.1785	1.987818	0.972282	1.155043	0.791106	0.472563	-0.06762	0.015028
0.269326	0.664012	0.13808	0.13808	0.13808	0.638582	0.086216	1.782883	0.086216	4.921132
2.71828	1.852185	1.54104	1.642928	0.926691	0.482828	2.079194	0.998271	1.962861	-0.37628
1.450858	0.258968	4.413658	2.105394	4.353488	3.101407	3.823705	1.363304	0.711515	2.73269
6.587845	5.896912	7.533031	6.201042	6.639065	7.04561	6.280033	6.981189	7.32384	5.698385
2.956801	3.159077	5.115183	4.398588	3.394781	3.591899	3.871354	3.879223	3.473841	3.322851
3.95373	3.780414	4.154252	3.936575	3.544684	3.542287	3.703362	3.617412	4.280428	4.89545
3.244268	3.46523	4.698891	3.234269	4.379896	3.513004	3.393457	2.095486	3.998622	3.327735
3.756013	3.605554	3.217448	3.204792	3.975015	3.727345	3.595501	3.289041	1.91306	2.335563
3.193964	3.070528	4.26992	3.760456	2.573777	3.003777	3.532758	2.696797	3.117434	3.903643
5.092837	3.701765	4.05764	5.018269	4.476092	3.995024	3.93452	5.305657	3.27072	4.950805
2.603187	2.462063	4.822912	3.493491	4.642107	1.744206	4.465889	4.62092	3.411689	4.295245
2.036045	2.13773	2.31252	1.433316	2.427271	2.325285	1.859489	1.27488	2.783079	2.230609

CGGA_24	CGGA_25	CGGA_25	CGGA_25	CGGA_25	CGGA_26	CGGA_26	CGGA_27	CGGA_28	CGGA_30
1.184932	1.078431	0.254962	0.510382	0.673092	0.364976	1.210221	0.941751	0.153817	0.420497
1.837349	1.925364	1.307453	1.324225	2.116128	1.788131	0.435226	2.120738	1.220295	2.141293
5.364913	6.431438	4.634325	5.209972	5.644342	4.996527	5.090064	6.097135	5.810478	5.409301
3.497034	4.484725	1.694577	3.588445	5.44869	3.016854	2.80903	1.315007	4.258109	5.227973
1.091718	0.864242	1.410525	0.59	1.15815	0.869996	0.448258	1.41817	0.780973	0.926216
6.997405	7.025446	6.875334	6.750947	6.878505	6.407104	6.669578	6.890549	6.803285	6.61516
6.430072	5.900091	5.407351	5.824053	6.135527	5.577317	5.364597	5.874747	5.556244	5.5892
0.157005	2.266307	0.914859	0.099131	0.855446	1.222858	0.265434	0.936994	1.314243	2.239683
-0.00328	0.738817	-0.00328	-0.00328	-0.00328	0.178694	0.291466	0.471478	-0.00328	0.208216
5.036101	6.022833	6.243195	5.426299	5.387746	5.388398	4.750447	6.354487	5.700742	5.763073
5.405061	4.136034	5.083401	4.076061	3.8904	5.289795	5.054654	4.855815	4.224106	4.673905
2.59485	3.476911	3.453265	2.905594	3.517548	2.872898	2.137494	3.749654	3.117586	3.279614
2.675311	3.27963	1.938388	2.061597	2.090955	1.700318	1.459486	2.272158	1.976368	1.988828
3.743775	3.087009	2.541382	2.610248	2.870147	2.872511	1.897219	2.198925	3.513827	3.672077
5.871875	5.772459	4.974892	5.443384	5.279067	4.470436	4.511828	5.733817	4.308807	4.943172
3.221268	2.86312	2.879653	2.950614	2.573185	3.060923	3.218553	2.843075	3.078657	2.6479
1.863992	0.848491	1.169362	0.848491	0.959343	0.516303	0.176788	0.768478	1.034602	1.241292
9.083327	8.776466	8.641131	7.941203	8.401152	8.307493	8.613975	8.103504	7.986815	7.540431
5.02178	3.880931	5.649508	3.969954	5.528609	5.032326	5.024801	5.262911	4.586017	3.939477
4.404195	3.615695	4.212584	3.473943	3.670377	4.171127	3.116954	3.568933	2.777071	3.674146
3.429686	2.875003	3.738755	3.54463	3.309574	3.040637	3.374398	3.839344	3.314387	3.377509
2.510508	4.090776	3.810979	3.844445	3.517275	3.351138	3.606945	3.662966	3.579106	3.457903
1.915841	3.048079	1.834377	2.779687	3.002617	2.678433	2.873952	2.281989	2.588316	2.830522
0.591948	0.460754	-0.02017	0.144699	0.305342	-0.00981	0.098542	0.289421	0.32883	0.344234
3.233464	3.667952	3.68692	3.224583	3.449786	2.881441	2.207585	2.916342	3.369381	3.046991
3.758589	2.369015	4.000362	2.596062	3.729337	2.631288	2.827017	2.906505	2.72687	2.418228
0.864151	1.394271	0.778379	0.556628	0.411285	0.79605	0.858627	1.445416	0.466978	0.766447
4.472208	4.150696	5.022141	4.228068	3.72478	4.510465	4.939898	4.982409	4.283401	5.133658
1.922152	4.608515	3.186378	2.303945	2.577778	3.628056	2.207765	1.653563	3.263949	4.173782
4.825127	4.407372	4.697009	4.223111	4.282447	4.034958	4.277713	4.704775	4.294482	4.151396
2.520558	2.157933	2.461958	2.392259	1.694375	2.256254	0.542247	2.190625	1.421643	1.967987
4.086845	5.417987	4.564021	5.019982	4.491571	4.819421	4.664642	4.873541	4.590187	4.828985
5.300604	5.178321	6.498901	5.364461	6.32784	5.338668	5.52353	5.541484	5.358337	6.07603
3.533499	2.804073	2.736391	2.271427	3.384005	2.806075	2.242057	3.063509	2.864862	2.87061
3.915789	3.933568	2.16503	1.43447	3.240171	2.45685	1.43447	3.693015	2.764062	3.020411
2.578594	1.831967	2.935298	2.359318	2.848041	2.299486	2.383439	2.905293	1.930116	1.742366
5.276654	5.476119	5.564488	5.085038	4.405122	5.945926	5.185687	5.665638	5.691718	6.254122
4.531913	3.708868	3.728935	3.883992	3.967522	3.488598	2.958141	3.08767	3.798479	4.080848
4.836376	4.976937	4.698931	4.662444	4.530145	3.634335	3.301843	4.424622	3.575438	4.139361
0.065972	0.748337	-0.09953	-0.04129	0.178212	0.013764	-0.09953	0.806974	-0.06033	-0.08958
2.345719	0.905543	0.199693	0.313987	0.487797	0.674874	0.28242	0.1911	0.004987	0.004987
2.927844	2.882175	2.361293	2.087996	2.433292	2.832946	2.008647	2.05961	2.754899	3.236577
3.311175	2.254327	2.308132	2.371829	2.676246	2.085097	0.688489	2.295884	1.51018	2.273169
0.935761	1.545107	0.385802	1.323061	0.97972	0.523158	0.799588	0.91573	1.063356	1.415176
1.055337	1.757595	0.459294	0.053154	2.768425	0.854509	0.417873	0.885939	1.089854	1.762044

11.64131	9.486745	9.593488	9.663301	10.18992	9.76658	9.03363	9.377369	9.67643	10.37693
5.165463	6.783636	5.769977	6.30916	6.40274	6.19688	5.255365	6.967978	6.847165	6.718375
5.052354	4.924643	4.259569	3.228579	4.268882	3.998584	3.713853	4.31767	4.346162	4.757812
0.703769	0.94655	0.820369	0.271817	0.680296	0.230335	0.502621	0.862124	0.221874	1.336683
0.713662	1.349623	1.422935	0.872781	1.149774	0.685259	0.921982	0.611578	1.092261	1.108186
0.309016	1.871205	0.218685	0.508552	0.030859	0.356854	1.331125	1.311863	0.412237	0.630297
2.482981	1.72536	2.225578	1.392645	1.7716	1.816454	1.739109	2.345268	1.209382	1.586522
4.531709	5.100243	4.190576	4.502153	3.712053	4.226937	3.177112	4.650831	4.959088	5.012636
4.572317	3.703794	4.046279	4.875716	4.025181	3.777306	3.595639	4.068831	3.836911	4.77884
1.072409	0.187463	0.046325	-0.08933	-0.00568	-0.00568	-0.01463	0.342278	0.194734	0.134987
2.075238	0.515112	-0.17417	0.290447	0.386712	0.491984	-0.01541	0.873436	0.062664	-0.05036
8.081038	6.714367	8.541207	7.424074	7.208287	7.462665	8.216856	8.887855	7.677614	7.558252
8.574235	8.622945	9.088811	8.991255	8.935945	9.267493	9.289558	8.148492	9.349	9.039797
4.745668	4.708969	3.582846	3.046147	3.823318	3.579787	4.087803	4.003555	3.662823	4.008557
1.914402	1.808866	0.96954	1.07974	1.78932	1.191765	0.893431	2.602322	0.849143	1.060733
4.954314	5.574408	4.905494	5.623209	4.403682	4.778575	4.435834	5.177582	6.288645	5.770759
5.946169	1.732512	1.216613	-0.26265	3.316676	3.487121	1.276589	2.267986	2.099966	1.899511
2.779813	3.573112	3.457304	3.539981	3.099952	3.217856	2.078033	3.420623	3.560552	3.450682
1.624636	1.824341	0.75155	1.778545	1.141142	1.373951	0.259135	0.618111	1.066709	1.932161
7.288855	9.471731	7.508437	10.30122	6.722161	8.586456	9.24759	9.48614	10.12094	9.479206
3.464377	2.605863	3.151201	3.083688	2.653753	1.886016	2.399099	3.023984	2.650598	2.613931
4.454028	3.007127	3.811972	3.418281	3.223243	3.44758	3.184305	3.760122	3.149602	3.597989
0.289577	0.933603	0.658692	0.756065	0.708172	1.09225	0.590058	1.117126	1.189358	1.147649
5.067914	5.833419	5.206898	5.51042	5.342521	5.07315	5.259704	6.003081	5.087758	5.211379
3.111542	4.454121	3.574253	3.141108	3.700373	3.850036	3.099086	3.282406	3.727497	4.023649
3.624038	2.04766	2.271982	1.065843	2.543447	2.172722	1.197704	2.2846	1.995313	1.795675
3.157352	2.612343	2.965924	2.116642	2.503764	2.326505	3.019138	2.88586	2.03704	2.091314
3.602831	5.987817	3.961226	4.489482	4.447764	5.458637	3.542536	3.967647	5.205329	6.35313
3.966735	5.831648	3.635704	5.61629	4.764257	5.552642	4.149132	3.072649	5.510966	6.0785
4.58724	4.194261	2.621306	6.25213	2.104464	4.463601	3.606303	1.080921	4.512163	5.864479
3.45317	3.391407	2.962279	2.890513	3.512846	3.068593	3.512846	3.21341	2.735737	2.718922
3.455416	2.354622	2.849557	2.028248	4.352589	2.650598	2.636335	2.437211	1.982172	2.178115
2.100244	2.195333	3.176297	2.515009	2.758646	2.104884	2.204142	2.841597	2.260401	1.995129
3.325439	3.908089	3.627195	2.906103	3.336739	3.621608	3.090565	3.30592	3.254607	4.091409
1.901893	2.575584	2.694362	1.937565	2.170951	1.643414	2.159314	2.192044	2.123824	1.984522
3.579948	3.203124	3.879304	3.836353	2.611397	3.473793	4.304193	4.523591	4.067263	3.786193
8.674545	7.554129	7.090971	7.254694	6.802214	7.214634	7.029806	7.404347	7.423483	7.720846
0.725317	1.050684	1.225327	0.5952	1.494298	1.257836	1.310426	1.158007	0.92792	1.330933
6.322393	4.711262	5.776807	5.514778	4.685493	5.184555	5.179291	5.388315	4.717662	4.978444
0.295253	1.499141	0.244693	0.916444	0.6673	0.63796	0.379809	1.291254	0.6673	1.26554
3.534458	3.072075	3.350282	2.945569	3.308086	2.580275	3.01028	3.957424	3.040801	3.362487
2.056445	2.673302	3.036166	2.304002	4.194242	2.538249	0.770454	4.520286	4.015385	1.255365
2.822974	1.751176	1.887279	1.18991	1.460645	1.460645	1.522911	1.945101	1.287469	1.901955
3.969934	3.009616	3.024938	2.606747	2.827342	2.43648	2.365372	2.934584	2.764251	2.461172
5.285822	6.810529	2.796508	5.94706	3.451708	2.440466	1.189963	5.022494	7.073117	2.802673
3.0851	0.270886	-0.24231	0.018674	0.085375	-0.12836	-0.06158	1.969336	0.343486	0.018674
4.062587	2.443046	2.986922	2.721017	3.508748	3.308672	1.699247	3.134208	2.412937	3.605399

0.302554	0.618881	0.59973	0.180483	-0.02335	0.033747	-0.08268	0.254901	-0.02335	-0.08268
5.44034	3.697972	3.597229	3.282409	3.900448	3.735056	2.991426	3.742214	2.987872	3.506594
2.072952	1.869511	2.711881	0.975989	1.5839	1.811769	2.922684	2.251425	1.965984	1.837278
3.587011	3.568874	4.093647	2.887087	2.991836	3.624015	3.580554	3.394126	3.694632	3.461632
2.110015	3.388719	2.470967	3.085601	2.704852	2.908951	2.446152	3.909831	2.664178	2.843633
6.065453	5.962412	6.368554	6.574001	6.652251	5.204613	7.058286	6.897746	5.463616	5.819651
4.138664	2.454039	2.129251	2.097428	3.181582	2.245938	0.829464	2.923018	2.604025	2.596859
7.259778	7.312159	6.756005	7.717424	6.990539	7.177368	7.686616	6.671857	7.736161	7.020319
4.635042	3.702074	1.175057	2.343887	2.006373	1.9437	1.191365	4.282894	2.018933	2.533787
1.955728	1.832033	3.151524	1.683558	2.471937	1.984687	2.292884	1.726409	2.036149	1.661735
3.369022	2.591035	3.106877	3.174016	3.110243	2.921534	2.948974	3.714084	2.029804	2.792037
-0.00494	0.911691	0.114884	-0.06362	0.155657	-0.06362	-0.00494	0.574569	0.051008	-0.00494
8.552461	8.956999	7.57855	9.314933	7.6461	8.705358	8.507381	8.69015	8.980463	8.793278
5.057494	4.714624	4.270838	4.340175	3.930228	4.240085	4.496098	4.431076	4.206506	4.312908
3.500197	4.012965	2.674425	2.690693	2.604387	1.79721	2.556026	3.123911	2.285053	2.521233
0.950986	1.631246	0.370248	0.3324	0.691971	0.180062	0.477747	1.49792	0.486326	0.503321
3.458089	4.345913	3.757889	4.457001	3.793144	3.807502	3.296528	5.116621	4.243178	4.314546
3.719414	1.194162	1.85688	0.993567	1.025636	0.874874	0.838939	1.658118	1.412876	0.921337
1.99532	3.105341	2.684517	2.480427	1.989537	2.134335	2.332356	2.20787	2.623755	2.86298
3.105638	2.761312	3.448859	2.582311	3.158857	2.514226	2.68645	3.166695	2.392075	2.84406
0.052735	0.543952	0.123912	0.015621	0.296531	0.052735	0.088814	0.430712	0.286392	0.365362
-0.03658	0.72129	-0.01281	-0.0011	0.03337	-0.03658	-0.01281	0.68235	0.099473	-0.03658
3.385162	3.094454	3.065891	2.919916	3.797367	3.948535	5.024037	4.300947	4.189012	2.480968
4.51684	4.189523	4.501953	4.088927	4.111385	4.142983	3.87997	4.81488	3.740951	2.040797
3.369119	3.885084	4.092657	4.830684	5.029767	3.028918	3.841846	3.802528	3.326476	2.828404
2.810007	3.17116	3.590091	3.166026	2.897221	2.725023	2.847016	3.570903	2.676566	2.71849
3.802819	4.25388	3.455507	3.524104	3.117634	3.107534	2.239763	3.752187	3.490613	3.249438
5.783171	8.407863	7.689052	8.206491	7.710687	7.431664	8.180676	8.344004	7.652235	7.379864
-0.08309	0.638194	-0.08309	-0.08309	0.029927	-0.06707	-0.08309	0.53211	-0.06707	-0.08309
1.532485	0.939743	0.485688	0.416297	0.255489	0.332738	0.709654	1.075199	0.255489	0.821547
1.942416	2.593178	3.852026	3.809127	2.459942	2.461367	2.599787	3.441246	2.518834	3.296079
7.496732	7.564987	7.392423	7.438622	6.303794	7.363932	6.897409	6.932124	6.399553	7.885124
0.196178	0.268524	-0.04459	0.392698	-0.05917	-0.00167	0.145925	0.291882	-0.01584	0.145925
1.242226	1.369978	-0.12053	0.171248	1.800426	0.39192	-0.03287	1.63016	1.030476	0.914001
3.82097	3.462782	3.937226	4.115105	3.799298	3.55508	3.475698	3.886414	3.482501	3.443629
6.035535	6.581295	5.392475	5.973272	6.012757	6.153029	5.567194	5.97939	6.426805	6.335478
5.330855	5.567793	5.126883	4.770206	4.711446	5.511439	5.21436	5.678661	5.552728	5.119798
4.33729	5.055857	4.061826	5.30065	4.502276	4.707412	4.774974	3.644811	4.366446	4.544597
4.036133	3.98184	5.014619	3.21328	4.048434	3.534828	3.350544	4.434438	3.629235	3.592061
1.288449	1.109534	0.255144	0.792593	1.166953	1.162944	0.347684	1.430809	1.053556	0.990102
7.777383	6.069519	3.127522	4.492109	4.672033	4.285547	2.473078	5.59216	4.475951	5.073947
-0.02994	0.581768	-0.04249	-0.04249	-0.04249	-0.01751	-0.02994	0.259123	0.054623	0.077778
7.023466	5.803427	5.913655	5.204648	6.085835	4.867369	4.588861	7.023359	4.931182	5.411609
4.554143	4.067355	3.685057	3.653863	4.229153	3.518931	3.588811	3.627864	3.660129	3.972341
4.946875	4.276713	4.520525	4.235129	4.843208	3.724585	4.239228	4.265146	3.843332	3.90975
2.002874	2.372188	1.828651	2.49999	2.104682	1.456422	2.25947	1.730479	2.45473	2.972257
5.21051	5.690105	4.090209	4.850807	5.238653	3.981662	4.06949	5.882041	4.255285	4.823408

1.80784	2.287339	2.562608	1.495331	2.423446	1.804279	0.452189	2.849891	2.131344	1.677669
-0.03005	0.856511	0.071996	0.2944	0.282187	0.914056	-0.03005	0.25746	0.561267	0.822615
4.834981	2.939805	4.591527	3.555094	3.621778	4.063816	3.553057	3.246605	3.587313	3.450799
0.245019	0.287647	0.245019	0.245019	0.273577	0.287647	0.273577	0.421274	0.301581	0.245019
0.127941	0.327017	0.177354	-0.00368	0.201431	0.177354	0.165161	0.089719	0.063654	0.482134
6.196413	6.690544	5.136061	5.806951	7.934618	5.82103	5.285844	6.463841	5.965251	6.233814
3.771072	4.334494	4.658175	4.734377	3.83263	4.05014	4.808992	4.490084	3.726935	4.176064
1.559478	2.255821	1.842717	1.459787	1.749649	2.351751	2.293994	2.250766	2.274206	1.908712
1.540772	1.06025	0.207306	1.15064	1.601861	0.873542	1.382479	1.724031	1.716695	1.220077
7.415532	6.318959	6.610881	5.709516	6.735936	5.349511	5.947101	7.366659	6.171967	5.777807
0.003635	0.341461	-0.02556	-0.02556	0.022631	0.003635	0.003635	0.327742	-0.02556	0.194855
2.957286	1.48345	0.892025	0.460321	1.557019	0.537313	0.23171	1.88568	1.34403	1.096669
3.622527	2.321209	2.686308	2.318405	2.858492	2.029103	2.645456	2.770409	2.844306	2.351739
5.990123	6.669185	6.310589	5.63784	6.697052	5.401514	5.669052	5.313137	5.13856	5.875452
0.536895	0.228641	0.235906	0.020081	0.536895	0.339347	-0.07235	0.011189	0.542348	0.797642
0.120541	0.637187	-0.01647	-0.04607	-0.09726	-0.01647	-0.0765	0.704532	0.076755	0.463787
4.832014	3.208216	5.196817	3.333614	3.575412	3.754262	4.030987	5.116705	4.114466	3.436072
5.669754	7.124043	4.929378	5.720559	6.257672	6.031107	5.13689	5.802018	6.254223	6.51995
0.014279	0.652455	0.014279	-0.02312	-0.03583	-0.01054	-0.02312	0.794979	0.00193	-0.02312
10.22402	8.213146	10.50678	8.531351	8.366696	11.00045	10.34944	11.1858	9.408683	8.770264
5.177055	4.265282	4.72708	4.501325	4.507161	4.306665	4.400763	4.655941	4.550585	4.272549
4.899308	2.285887	0.320416	1.12003	1.608535	2.237992	0.467423	5.019268	4.622335	2.540079
7.590987	7.24176	4.823658	7.190134	6.797691	5.055102	5.017265	5.580305	6.490289	5.082366
3.208071	3.108733	4.076769	2.53702	3.440648	4.0113	3.962871	4.112876	3.28452	2.891534
3.433548	3.234401	3.692267	2.677415	3.219631	3.379352	3.545495	3.656534	2.771447	3.510993
1.788488	1.175637	1.144301	0.687581	1.562941	0.954373	1.184453	1.305996	0.985459	0.681128
-0.00357	0.282739	0.321178	-0.02435	-0.00357	0.006662	0.0564	0.26696	-0.00357	0.075654
0.130825	0.851467	0.881796	0.591879	1.123028	0.637042	0.601026	0.962051	0.851467	1.097417
5.382651	4.160892	5.608978	3.432175	5.591168	4.573746	4.722864	5.591381	3.813577	4.980235
4.513002	3.097667	1.9948	2.98971	2.22512	2.769398	1.903793	3.19643	2.642224	3.408976
4.483322	1.202199	1.719576	1.102066	2.482489	0.779489	2.171924	1.314357	0.88824	0.910295
4.062296	6.444349	5.465901	5.930719	3.999247	4.254011	4.372644	5.373514	4.8724	5.068589
3.313923	2.97465	0.15159	0.847327	2.228881	2.354694	0.15159	1.840452	1.646775	2.407802
3.709419	4.322751	4.400009	5.063863	5.676762	4.603708	3.888556	4.456286	5.251616	4.997148
1.494766	2.301261	0.520502	0.610491	1.096837	0.823528	1.311514	2.264797	1.096837	1.152075
3.532778	3.323712	3.338584	2.711511	2.318499	2.617228	2.772652	3.695603	3.036096	3.879569
1.915529	0.599278	1.939258	0.670631	0.884301	0.369819	1.026482	1.015228	1.469006	1.722752
0.795323	0.935166	0.190159	0.097467	0.308682	0.1722	0.250924	1.047278	0.308682	0.007245
4.19968	4.892161	5.16499	4.807578	4.365053	4.878961	5.255503	5.596461	4.915499	4.29821
5.690574	6.046696	5.360815	7.193323	6.073932	5.377535	5.606928	5.311236	5.222369	5.946458
1.042338	0.744036	0.941956	0.378286	0.729738	0.577663	0.219663	0.879183	0.34036	0.553283
6.048715	5.788519	4.509412	4.258479	4.660972	4.266862	3.105612	6.229611	4.822891	5.214332
6.654802	7.286731	6.631153	7.480883	6.761944	7.436762	7.956266	7.760636	7.670839	6.846901
0.080219	1.323708	0.121812	-0.03661	0.537879	0.214649	0.121812	0.32623	0.506361	0.175555
2.86838	3.00957	3.061906	2.869513	2.885284	2.699954	3.083475	2.903094	2.925045	3.052986
2.398999	1.616183	1.886556	1.802567	2.245476	1.607307	0.709144	2.137869	2.221711	1.52138
2.968663	2.716773	2.104479	2.742674	2.288202	2.206669	1.612246	2.237476	2.208227	2.749833

3.080581	4.518033	3.50464	4.578917	4.591379	3.70329	4.155096	3.376149	4.085399	3.244727
4.344199	3.327128	1.084531	2.610717	1.198452	1.719336	1.690969	3.962543	1.46288	0.568145
1.728589	4.036567	2.459981	3.827156	2.588151	3.076332	3.203713	2.584315	3.320636	2.279253
3.528198	2.703893	3.985597	2.854274	3.346828	3.443474	3.266387	3.762766	2.475929	3.259631
9.78563	9.668436	7.71676	10.12086	8.198886	8.60771	8.501627	7.731812	9.034822	9.634173
4.244965	4.377394	4.467934	3.505217	5.350356	5.345772	6.210975	5.355629	4.187505	3.7584
4.192577	2.523896	3.947189	2.632808	3.948384	2.936958	1.096675	3.903569	2.673606	3.081649
6.085887	8.975727	6.832349	9.886207	8.00329	8.50092	8.600236	6.923209	8.993411	9.065378
3.804459	3.958765	3.76075	4.230569	3.560837	4.031872	4.552824	4.084724	4.759411	4.005712
3.019297	3.503117	3.423314	2.807598	3.335223	3.164173	2.897142	3.600018	2.911056	3.187788
0.51187	2.209238	0.23389	0.097266	0.692876	0.930782	0.713849	1.720942	1.298061	1.261956
2.648344	2.955466	2.767406	2.634161	2.738853	2.719562	2.61576	2.884362	2.801078	2.875495
3.898657	4.084081	4.128061	4.062193	4.425148	3.996982	4.055142	4.524082	4.330054	4.649113
2.788436	2.979784	3.350738	2.457638	2.990223	2.284388	2.654833	3.532448	2.988487	3.038286
0.934244	1.825014	0.826191	2.023229	1.36781	1.624122	1.541846	1.448478	1.761162	2.311514
3.465964	2.428329	3.114109	2.520106	3.575339	2.78006	2.020337	3.159734	2.161219	2.894218
2.121731	1.27794	1.938425	1.002455	1.786426	1.25866	1.611387	1.986169	1.743447	1.555498
2.702862	3.224265	3.19211	3.760194	2.807238	3.521505	3.484138	1.491555	2.957285	3.891774
4.794301	3.505757	5.196022	2.743818	2.833441	2.873778	5.339419	4.684452	8.973501	5.025984
4.691602	4.168149	4.13593	4.241317	3.930439	4.537538	4.155017	3.877203	3.582124	3.796059
1.823712	0.840509	1.358392	0.792603	0.89239	0.581289	0.285099	1.10578	0.953134	1.6262
4.30576	4.281506	4.180685	3.988335	4.017844	3.929163	4.236082	4.022731	3.595627	4.40345
4.230145	1.902008	2.028579	2.448819	3.019672	1.488163	1.314217	2.022903	1.358295	1.862035
5.304657	4.342446	5.243715	4.63056	4.738335	3.986041	4.357117	5.160224	4.227659	4.248015
4.528113	4.775343	4.710644	5.562586	4.853959	4.827502	4.425942	4.779784	4.800228	4.806195
3.98535	4.776273	4.945723	4.716335	5.587164	4.830716	4.200092	5.249398	4.927829	5.107336
4.193074	4.663487	4.23691	4.958947	4.695304	4.653201	4.532655	5.08051	4.254095	5.122063
5.664569	4.739646	5.168562	5.097992	4.879689	5.359635	5.368923	5.26668	4.880284	5.101183
6.504323	7.084704	5.499936	9.54055	4.709494	7.482755	6.725201	4.956017	7.737526	8.303895
5.760882	4.674042	4.645874	3.79468	3.503768	4.006037	4.095655	4.913789	3.433902	3.062158
3.790689	3.531115	3.798377	2.945789	3.951155	2.941918	3.264134	2.886939	2.633147	3.188177
4.778174	6.361876	6.439643	7.289879	4.126832	5.129817	4.971946	6.794509	5.371036	5.610456
2.289311	2.236026	2.966267	2.773776	2.406259	2.114029	2.120047	2.601645	2.071291	1.906741
3.149035	2.599522	2.402138	2.503062	2.903716	2.150239	2.318048	2.166307	2.293815	2.393028
2.799817	2.524267	1.986424	2.639645	1.758328	1.762266	1.600741	2.61525	2.124375	2.295301
3.012586	2.441828	2.307122	2.21292	2.682671	2.28112	1.476779	2.549891	2.380402	2.149415
0.445051	1.299525	0.816825	-0.17122	0.213539	0.092955	0.104361	1.194977	0.688809	1.552994
5.520121	4.896839	5.923593	4.611109	4.914693	4.976687	4.595983	5.148027	4.98314	4.97453
4.086991	5.118588	4.717507	5.811849	4.788103	5.561149	5.969942	4.563972	4.582905	4.800245
5.536142	5.483041	5.990142	5.38674	5.524084	5.386407	5.071017	5.654613	5.134595	5.157085
0.840577	1.045796	0.141589	-0.075	0.408784	0.052215	0.036838	0.732627	0.036838	0.141589
3.594463	3.865303	4.618112	2.081421	2.178118	1.612989	0.514814	1.728508	2.472194	1.844283
4.041414	3.214939	3.56479	3.625295	2.566247	3.101678	3.872251	3.471204	3.357255	3.471204
6.421381	4.309223	3.700043	4.464736	6.175966	3.613576	4.159456	3.056429	3.741539	2.390315
1.691705	1.976661	2.07832	1.736638	1.565982	2.161323	2.316798	1.945739	1.95612	1.7802
3.755029	3.30248	3.766124	4.114479	3.094505	2.866728	2.552993	3.451223	3.334735	3.495507
6.737499	5.2362	6.644054	6.188596	6.482491	6.112496	7.059342	7.250636	6.021655	5.941157

3.227659	2.69347	3.281152	1.774422	2.440286	2.094032	1.618855	3.300792	2.289989	2.53025
0.649157	0.795878	0.748841	0.432822	0.369709	0.453177	0.233143	0.587152	0.34795	0.683268
5.203663	4.020695	4.234275	3.816714	4.716878	4.134659	3.075581	3.724581	4.017512	5.048693
4.33488	2.467794	4.57732	3.048092	4.044892	3.146176	2.551165	3.941667	2.970104	3.664762
1.040312	5.196633	1.990286	1.044416	3.299213	4.544866	1.901398	2.489244	3.73734	5.159782
2.809083	1.216676	1.704185	1.616884	1.83017	1.062369	0.784719	1.761513	1.517462	1.997408
0.096176	0.981463	-0.00861	-0.06554	-0.06554	-0.06554	0.045187	1.095056	0.263213	0.009654
6.235557	4.820373	5.79313	4.105333	4.834821	5.260221	4.836513	5.758905	4.648058	5.472232
5.44511	4.040559	3.640808	4.206778	3.956593	3.814458	2.497583	3.245774	3.974982	4.813289
6.731227	5.905905	5.894022	5.706791	5.894022	5.267627	5.341989	5.837825	5.29985	5.266375
4.747533	5.808417	6.528706	5.873835	5.291657	5.474151	4.937389	5.085763	6.989038	5.613799
4.548875	3.428524	3.047043	3.647913	2.980105	3.723608	3.522697	2.98637	3.09519	4.334224
3.475057	2.334234	3.308118	3.152098	3.052789	2.644074	2.907116	3.283883	2.829652	2.607181
3.349896	3.18518	3.896363	3.347625	3.660449	3.81559	3.371264	3.357811	3.12685	3.452198
1.335879	1.233117	0.791106	0.12462	0.939141	1.009901	0.950282	1.931948	-0.07987	0.784817
0.086216	2.729161	0.188454	0.505595	0.086216	1.714868	0.285062	0.676589	2.110551	3.130775
2.193223	0.871293	1.904165	-0.19823	0.536296	-0.04175	-0.22625	1.172859	0.804931	2.115244
3.540108	1.793589	0.438326	0.243977	1.900703	0.859442	0.823	1.309328	1.278243	0.832216
6.146097	7.192798	6.286703	7.202337	5.9507	5.721894	5.911297	6.610946	6.86485	5.987295
3.823454	3.630554	3.659676	3.775523	2.849051	3.141089	3.06058	4.049858	3.126246	3.984036
3.223061	5.651792	4.366439	4.962855	4.082306	4.141234	3.825886	4.038881	4.613478	4.660149
3.657423	3.286555	3.281696	3.220163	3.339038	3.309672	3.420423	3.215093	3.082759	3.774113
4.642498	2.771313	4.634336	2.622101	3.61455	4.086452	3.921827	4.178902	2.826225	3.779686
2.315785	3.130275	2.361865	2.785733	2.905974	2.374041	2.723324	3.677987	2.8874	3.449956
5.084652	5.784368	4.148259	6.00675	4.882681	5.853358	6.412599	4.671534	6.593053	4.799546
3.842199	5.549808	2.911004	5.386526	4.21814	3.407717	1.467137	3.468031	5.2443	4.106299
2.403074	2.017264	1.779388	2.270393	2.220523	2.28346	2.468845	2.017264	2.172693	2.172693

CGGA_31	CGGA_33	CGGA_33	CGGA_40	CGGA_43	CGGA_44	CGGA_45	CGGA_47	CGGA_48	CGGA_49
0.753249	1.337213	1.348493	0.653855	1.738769	0.856508	0.794406	0.967259	0.867481	0.560025
1.412902	2.161538	1.598391	1.393257	0.685235	0.718366	1.556997	0.744295	1.092863	1.473901
4.665478	6.447982	5.84796	5.353395	5.400547	4.690488	5.640769	4.889283	5.951359	6.120783
4.301429	5.79497	5.80178	2.878902	-0.32044	2.345976	3.306538	4.142904	1.95392	6.521211
0.823255	0.73731	0.96421	0.926216	1.139504	0.774822	0.958848	0.554131	0.618018	0.618018
5.719063	6.721226	6.644176	6.172872	7.752328	7.019463	6.319325	6.562098	6.483774	6.870192
5.659806	6.044954	6.106182	6.038673	5.483278	5.422179	5.484512	6.090297	5.607908	5.762384
1.034146	1.775309	2.026618	1.267675	0.272838	0.901392	1.658583	0.988603	0.477072	1.154391
-0.00328	0.742875	-0.00328	0.067151	-0.00328	0.075585	0.083942	0.067151	0.100431	0.050045
5.535279	5.827753	5.1177	5.710687	6.814541	6.384794	5.283173	5.641841	5.654669	5.384157
3.999385	3.748601	4.636369	4.449826	4.954871	4.808246	4.07172	4.515792	3.858335	4.534518
3.189435	2.939289	3.735496	3.204558	3.607087	3.533547	3.223621	2.758766	3.087136	2.737527
2.817518	2.370227	3.254731	2.514607	0.392694	1.241356	1.552101	2.551998	1.718826	2.462572
3.11043	4.156709	4.213144	3.662961	2.624212	2.220813	3.01451	3.700475	3.379316	3.046455
4.859286	5.725481	4.275688	4.637352	3.807565	5.054828	4.226494	4.764533	6.139328	5.343772
3.675755	3.332974	3.351975	2.907408	3.285214	2.723187	3.636502	2.791945	3.291743	3.040006
1.133247	1.759706	1.031281	1.260685	0.655815	0.734922	0.813142	1.080154	0.856207	0.64211
7.554063	8.076276	7.597905	7.86717	8.392246	8.343559	8.021867	7.834829	7.976196	8.279269
5.078631	4.311102	5.138754	4.676762	6.198523	6.064454	5.016732	4.864031	4.804289	4.442122
3.400493	2.988405	3.749521	3.747087	4.264153	3.896936	3.709039	3.054355	3.418718	3.324718
3.319188	3.619234	2.876984	3.397615	3.474655	3.654871	2.853083	3.138885	3.634387	3.249275
3.55355	5.043698	3.742745	4.077462	3.283141	3.025234	3.238051	3.163924	4.505115	3.559059
2.653429	3.012176	3.157351	2.969769	3.092517	3.064862	3.031154	2.664833	3.264243	2.960002
0.528164	0.153719	0.126451	0.534699	0.737844	1.211421	0.050515	0.344234	0.554091	0.189128
3.272136	3.317009	4.110072	3.168734	3.651779	2.960729	3.386022	2.862746	3.785037	3.489741
3.222147	3.677113	3.019555	4.031792	4.013829	3.203362	2.305613	3.681474	4.044983	2.759215
0.729895	1.507115	0.984441	0.847498	1.955123	1.023513	0.748315	0.88599	0.459184	0.907424
4.569559	4.432321	3.752078	5.05412	4.818309	5.26316	4.738269	4.414177	3.973983	4.408232
2.466127	3.573638	4.109517	3.007153	2.616918	2.115164	3.665695	1.939231	1.951334	3.368932
4.460135	4.2501	4.284022	4.444957	5.208904	4.866725	4.647103	4.350369	4.288737	4.471428
1.742587	2.277486	2.229874	2.142594	1.74597	1.274998	1.37439	1.644505	2.024844	1.999534
4.629883	4.866189	4.93679	4.416892	6.427741	5.907074	4.856246	4.234869	5.226749	5.084045
5.009848	5.523878	4.790833	5.757577	4.106501	4.712418	5.334784	4.708455	5.249001	5.407819
2.350594	2.87061	3.348854	2.725851	3.089997	2.647578	2.771658	2.320013	2.268518	2.474358
1.632542	2.471706	3.343455	3.110029	2.402655	2.315177	3.639119	2.000601	1.886237	2.137935
2.64946	2.383439	2.842052	2.498899	2.754192	2.810238	2.487719	2.239525	2.393384	2.08866
4.870684	4.388572	6.652194	6.118594	5.162985	5.188743	5.543856	5.296774	4.135972	5.482793
3.666016	3.763541	4.666	3.881234	4.323218	3.259511	3.603042	3.751748	3.204847	3.537873
3.561771	4.910765	4.635218	4.05766	4.40273	4.041581	3.494634	4.293463	5.155563	4.980591
-0.0226	0.748337	-0.05077	0.022655	0.004794	-0.04129	-0.05077	-0.03191	-0.03191	-0.06033
0.233467	0.225112	0.258192	0.063893	2.505489	0.816437	0.795709	0.044575	0.225112	0.250006
2.361293	2.713177	3.437538	2.567975	2.694268	2.295045	3.026892	2.316433	1.948277	2.526135
2.480858	2.867628	2.568926	3.191325	1.358069	1.73099	2.599415	1.936685	2.539554	2.36597
1.55127	1.996161	0.885084	1.856254	0.843048	1.824356	1.438886	1.425391	2.053525	1.529568
0.263594	1.233281	1.792832	1.089854	0.396744	-0.04246	1.341571	0.16808	0.364504	1.233281

10.36321	10.16762	10.49602	11.2492	8.660352	7.654354	9.255773	10.3393	9.205883	9.898563
6.141651	6.856143	6.779551	6.093325	6.367552	6.747596	6.194892	5.634264	6.793934	6.411068
4.140872	4.563698	4.737642	4.453319	4.665866	4.408121	4.333698	3.467584	4.683732	4.160475
0.542837	0.804352	0.607163	0.263628	2.055339	0.970353	1.354247	0.897568	0.461094	0.396148
0.416784	1.891814	0.565401	0.748361	0.565401	-0.0208	0.557552	0.934013	1.740357	1.175143
0.742546	1.028851	0.533738	0.853354	0.83996	0.728075	0.785105	0.582827	0.962434	0.525392
1.885041	1.604598	1.768919	1.499159	2.476304	2.110509	1.839667	1.648854	1.722596	1.739109
4.431617	5.059304	4.374324	4.505225	4.371107	4.361434	4.339818	4.364661	4.665375	4.424255
4.711157	4.523863	3.988308	4.148784	3.383943	3.668179	3.503847	4.781994	4.475302	4.400218
0.029296	0.486546	0.14266	0.448265	-0.08933	0.087632	0.34848	-0.00568	0.095687	0.037848
-0.17417	1.312166	0.832195	1.356894	1.026435	0.206006	0.58936	1.120858	0.484182	0.196275
7.185952	7.864455	6.98123	9.276946	5.289206	4.782699	8.165865	6.582153	6.474845	7.453993
8.922363	8.251428	9.445922	9.940218	9.401447	9.063043	8.976474	8.753773	8.623964	8.425422
3.003657	3.791259	4.354084	3.335552	4.102982	4.184186	4.147876	2.947935	3.098081	3.122309
1.255946	2.91906	2.073258	1.888302	1.29491	1.198672	1.138761	1.291707	1.269064	1.50698
4.483736	5.641341	5.807349	5.65627	4.552804	5.079564	6.010456	5.385524	4.491768	5.817985
0.578346	2.612348	4.783161	4.197798	-0.26265	0.406193	3.2759	1.055523	0.335208	0.908302
2.708159	3.308399	3.931037	3.320773	3.587154	3.480322	3.373005	3.003961	2.866659	3.290596
0.275929	2.22113	1.053114	1.27437	0.585749	1.429515	1.211498	1.786292	1.38807	1.395071
9.005247	10.01884	8.530737	8.74284	7.649062	8.042878	8.158952	8.761363	9.433838	9.528583
3.534325	3.195275	3.078681	2.892952	2.959624	3.274774	2.688102	2.971614	2.800645	2.631557
3.455107	3.47858	3.11937	4.03762	3.820037	3.389655	3.617876	3.408418	3.597989	3.237651
1.079655	0.98838	0.442529	1.642051	0.817621	0.919589	0.69186	1.028184	0.442529	0.572395
4.973008	5.370364	5.052673	5.253342	5.549852	5.839761	4.866829	4.984376	5.998227	5.42568
3.535916	3.590724	4.395036	3.751582	3.482545	4.051859	4.032844	3.208357	3.298226	3.604183
1.829078	2.531828	2.309495	3.154208	1.089266	1.55037	2.344681	2.390673	1.779671	1.303932
2.399772	2.687195	3.157352	1.65026	3.152898	1.945864	2.474609	1.608352	2.842833	2.050099
4.047372	4.823849	5.572809	5.245693	4.48673	3.848447	5.773548	3.869831	4.105166	4.909871
4.992112	5.296487	5.994498	5.265341	3.555002	1.187216	5.559799	4.565238	4.265525	6.040645
6.264949	2.672618	4.011026	4.647346	1.433415	0.520443	3.311159	5.475995	3.786117	5.047217
2.2114	4.147763	2.849153	3.396532	1.002005	1.15859	3.516435	3.009083	2.746857	3.127654
2.380396	2.717216	4.010818	3.555849	3.427108	2.351151	2.162411	2.796487	2.70084	2.14654
2.784565	2.605724	2.651205	2.152917	3.71385	3.232793	2.498201	2.228151	2.614557	2.268907
3.042746	3.322198	3.840175	3.45705	3.51094	3.33029	4.093626	3.12481	3.30101	3.357559
1.889018	2.46744	2.509241	2.039549	2.517609	2.622873	2.101695	1.831446	2.525175	2.178657
3.534075	3.776656	3.200349	3.487201	4.031718	4.351852	4.480395	3.885371	2.982806	3.811419
6.723555	7.139441	7.820101	7.502831	7.039784	7.183587	7.611961	7.063213	7.24706	8.051479
0.717522	1.117221	1.534591	1.279105	0.967837	0.534327	1.400474	0.778721	0.771213	0.677899
5.051197	5.194467	5.236572	5.042533	5.495357	5.21186	5.937377	4.945744	4.777271	4.921739
0.874898	1.77198	0.244693	0.356135	0.295253	0.165485	0.63796	0.74283	0.218755	0.956864
3.609494	3.515549	3.205073	3.208329	3.375637	3.640278	3.130015	3.165641	3.547604	2.609981
2.294167	4.345323	2.878754	4.327321	2.882524	2.854622	2.56256	3.505236	3.285824	3.226565
1.83009	1.933722	1.845364	2.261482	1.995211	1.85445	1.842322	1.984226	1.436576	1.136016
2.849599	2.824705	3.679171	2.70015	3.516704	2.938292	2.540983	3.152606	2.413106	2.570355
3.218606	7.774665	5.550525	3.964628	5.528785	3.839809	2.858524	6.442323	5.768475	6.445515
0.264041	1.074483	0.562597	1.282242	-0.09924	-0.11856	0.077257	-0.18903	0.657604	-0.15827
3.188869	3.197006	3.715289	4.238523	0.897603	1.277386	3.326867	2.946228	1.703034	2.933081

0.019674	0.68406	-0.08268	0.205698	0.337334	0.04769	-0.03797	0.218149	1.157528	0.404583
3.204094	3.887808	3.606665	4.357012	4.362555	2.408309	3.421513	3.610996	3.218972	3.284282
1.154063	2.304179	1.344359	1.93558	2.301444	2.107135	2.475451	1.645883	0.88248	1.510749
2.819654	3.356491	3.816832	3.112759	4.041139	3.800851	3.900141	3.037691	2.491572	3.168723
2.215408	3.147464	2.836216	2.676484	1.441683	1.958352	3.237653	2.29076	2.783363	3.231789
6.643502	6.714547	4.801909	5.74526	6.723364	6.70425	5.915083	6.774082	6.551232	6.557031
1.979304	2.851463	3.428828	3.294671	1.042715	1.545409	2.761996	1.657531	1.825225	2.052264
8.011913	7.155713	6.846408	7.623499	5.985609	6.753881	6.899507	6.843161	7.623499	7.300227
2.538708	2.601146	3.144936	2.723562	2.486144	0.478112	1.541939	3.002151	1.754069	2.271363
1.987297	1.604343	1.372584	2.405367	1.683558	1.677351	2.26861	1.794619	1.342754	1.642811
3.293576	2.639538	2.54264	2.930314	2.8561	2.699658	2.517093	3.094472	3.315488	3.200759
0.040024	0.782	-0.02807	0.279365	-0.06362	-0.06362	0.114884	-0.06362	-0.06362	-0.06362
8.717737	8.997038	8.308864	8.230031	8.086965	7.563367	8.526865	8.530306	9.315698	9.217029
4.375688	4.249081	4.756142	4.484428	4.36971	4.160078	4.793373	3.771527	4.377394	3.902124
1.64199	2.604387	2.123136	3.01912	2.575291	1.994535	2.762774	2.072335	3.481896	3.128744
0.42508	1.203236	0.932752	0.777152	0.201407	0.008057	0.662324	0.974915	0.544883	0.42508
4.41624	4.258862	4.184531	4.41624	4.641518	3.999492	3.87399	4.455466	4.530448	3.786274
0.988147	1.65151	2.63174	1.486031	0.664137	0.789478	0.927033	0.671035	0.636189	1.161153
2.384596	2.437685	2.714169	2.889938	2.902385	3.379631	3.097379	2.337167	1.701984	2.498133
2.964611	2.939399	3.106989	2.561802	3.214227	3.286102	2.792624	2.611697	2.744592	2.782799
0.003009	0.255489	0.158083	0.003009	0.076899	0.180372	0.245022	0.003009	-0.02259	0.003009
-0.03658	0.65567	0.010502	-0.0011	-0.03658	0.151907	-0.01281	0.021991	0.03337	0.044643
3.624574	4.059279	3.721583	2.504007	0.900354	3.645204	3.385162	3.707519	3.837088	3.525906
3.912784	4.956155	3.614403	3.400194	3.400194	4.473181	2.126878	3.931113	4.958256	4.322083
3.495784	4.153117	2.589613	2.946167	1.269485	0.863157	3.16212	2.460871	4.240396	3.502076
3.223403	2.722848	2.793319	2.48638	4.512134	3.871667	2.877301	3.043827	3.280668	3.15399
3.767967	3.699351	3.274135	4.150039	4.488479	3.194304	3.447985	3.733469	4.057802	3.93673
7.6698	8.487879	7.563609	7.430962	6.418355	7.882784	7.625666	7.20587	8.244618	7.791726
-0.08309	0.877418	-0.08309	0.116528	-0.08309	-0.08309	-0.06707	0.077707	-0.04363	-0.0134
0.53331	1.268789	0.960879	0.597479	0.426414	0.375115	0.436462	0.125195	0.40611	1.132287
4.046586	3.727275	2.921821	2.831175	4.148993	3.066246	2.609001	3.222651	3.437089	2.995468
7.108003	5.665144	6.446567	7.105543	6.08856	6.234902	7.121709	7.078255	5.751965	6.802245
0.133093	0.392698	-0.03015	0.080636	0.585525	-0.01584	0.171262	-0.03015	0.107095	0.026271
0.039011	0.843595	0.874265	0.257674	0.546341	0.0189	0.506117	0.957216	0.18017	0.223831
3.716802	3.738749	4.298477	3.982081	4.685896	4.011609	3.057335	4.01792	4.200892	3.536822
5.702064	5.794793	6.5343	6.094147	5.577012	5.390904	5.839003	5.879845	5.304859	6.205754
4.817893	5.069496	5.519764	4.786427	5.549456	5.296795	5.358054	4.68204	4.800737	5.495523
4.901637	4.879513	4.758437	4.183818	3.942191	4.05297	4.467623	4.692597	5.413416	5.047116
3.684316	3.916475	4.328076	3.855168	4.760324	3.962356	3.490884	3.966025	3.682888	3.376114
0.961813	1.341311	1.361802	0.574738	1.017722	0.620413	1.071069	1.262933	0.395223	0.770304
3.043257	5.140733	4.998356	3.911133	3.694232	2.579848	3.384885	4.667737	3.961319	4.173553
-0.04249	0.298255	0.077778	0.031035	-0.04249	-0.04249	0.019074	-0.04249	-0.04249	-0.04249
3.305291	5.300322	6.028959	5.287639	4.588366	4.674473	4.920389	5.579139	5.068865	5.394437
3.841184	3.991185	4.481465	4.216341	4.121	4.205405	3.912181	3.461582	4.005755	3.766842
4.606384	4.509553	5.147074	4.842843	4.252996	3.96308	4.130556	4.444099	4.544863	4.095961
2.925542	3.15151	2.813206	2.254933	2.991985	3.772503	2.162208	2.864019	2.603483	2.333047
4.393988	5.145339	4.611452	4.253111	4.266834	4.509102	4.220933	4.240746	5.074988	4.82553

1.618065	2.165034	2.59385	1.13591	2.708652	2.469098	1.940249	2.238075	1.301757	1.965968
0.043536	0.601491	0.822615	0.621208	-0.03005	-0.03005	0.611382	0.057833	0.071996	0.330457
3.994811	3.465995	4.629316	4.288989	4.871413	4.058731	3.960248	3.919291	3.156458	3.363199
0.245019	0.38247	0.245019	0.421274	0.329051	0.245019	0.245019	0.356008	0.245019	0.329051
0.213318	0.225106	0.699702	0.491896	0.102574	0.304994	0.152862	0.348705	0.213318	0.271305
5.443241	6.125303	7.562285	6.512596	4.799086	5.273675	6.400844	6.145345	5.811604	6.018532
4.673347	3.951822	2.041262	3.546245	3.881614	5.433436	3.405058	3.769969	4.803051	4.57673
2.147483	2.492315	2.496579	1.78527	1.988121	2.379769	2.372042	2.051703	1.705687	2.4621
0.386683	1.286283	1.494245	0.860179	1.544927	0.957472	0.748501	1.012807	1.396364	1.37782
6.01142	6.860801	6.03682	6.411206	6.085127	5.524509	6.009962	6.254799	6.230876	5.900337
-0.02556	0.270875	0.003635	0.003635	0.013179	-0.02556	0.095162	-0.02556	-0.02556	-0.02556
1.31019	1.980404	1.91683	2.182791	1.197692	0.892025	1.176248	1.525286	1.214105	0.720932
2.858492	2.61179	2.642005	4.036282	1.831842	2.109153	3.349852	2.125019	2.236409	2.440052
5.29833	6.662745	5.28444	6.686268	4.823445	3.992135	5.408263	4.818809	6.899232	6.0927
0.206548	0.292314	0.480782	0.358889	0.176362	0.129428	0.264481	0.514801	0.011189	0.250289
0.067783	0.68425	0.00282	0.012341	0.412477	-0.03612	0.049614	0.040415	-0.01647	-0.02625
4.326337	3.897904	4.411432	3.856376	4.530151	4.49768	4.522091	3.92765	3.647083	3.808663
5.509498	5.85699	6.308978	6.231185	4.624766	5.113421	6.545322	4.942978	5.39756	5.887316
-0.01054	0.404342	-0.03583	0.290156	0.652455	-0.04867	0.014279	-0.03583	-0.04867	0.026512
7.911751	8.303362	9.091867	10.20682	10.48422	9.83956	9.471917	9.356368	8.002412	9.163742
4.316716	4.262246	4.860485	4.735019	5.02224	4.845222	4.432528	4.572162	4.352316	4.450662
0.895457	3.736255	2.014699	1.478155	0.448367	-0.01988	2.326339	1.744828	0.686548	2.297579
4.869163	5.842041	8.08023	6.349676	6.562101	4.668647	5.132988	6.593181	5.736652	6.433655
3.54344	3.429405	3.615942	3.428152	3.577184	4.288499	4.144083	3.355184	2.881309	3.190941
2.852587	3.204754	2.626785	3.606683	2.771447	1.969194	3.908542	2.604987	2.542301	2.469177
1.116827	1.409776	1.240347	1.353146	0.731881	0.493546	0.938546	1.184453	1.102868	1.000728
-0.02435	0.3287	0.201359	0.103887	0.0168	0.006662	0.036787	-0.02435	-0.02435	-0.00357
0.96913	0.591879	0.706481	0.637042	1.051472	0.582674	0.843783	0.663476	0.582674	1.116668
4.487066	4.438991	4.326949	5.65105	3.482297	3.996045	4.874604	4.112735	3.952939	3.792441
2.372349	3.080038	3.038628	2.364577	4.644777	3.472724	2.587643	2.015748	2.72267	2.293956
1.93014	2.025145	3.697933	2.370042	0.700966	1.444097	1.378341	1.954381	1.310006	1.787117
4.187199	5.403723	4.735514	3.815441	5.421921	5.940568	3.771824	4.543978	6.576193	6.170856
1.215824	2.417064	1.805689	0.685999	0.665242	-0.10947	0.685999	2.203079	0.066527	0.906707
6.12903	5.331316	4.246089	3.718339	4.624703	4.4613	4.204647	6.022741	5.824519	5.301456
0.884391	2.048652	0.56586	0.632542	1.589869	1.259373	0.963529	2.165164	0.281945	0.92424
2.70119	3.220781	3.106784	3.092429	2.826565	3.85225	3.487819	2.75242	2.261037	3.008428
1.059652	0.973081	0.690296	0.311871	2.599393	1.339031	1.797786	1.336114	0.567414	0.973081
0.225268	1.18429	1.499	0.648512	2.271238	0.567547	0.816356	0.135432	-0.09054	0.199036
5.577449	4.524849	4.463056	3.65188	5.187138	6.261063	5.167419	4.809053	4.824223	5.101941
6.987858	5.914186	5.407673	5.930591	5.009708	5.191214	4.893437	6.485777	6.171396	6.059385
0.758182	0.898326	0.561459	0.833419	0.154965	0.424229	0.806548	0.281373	0.553283	0.468646
2.491285	5.07109	4.38164	2.827409	5.633131	4.548807	3.747967	5.934048	4.660516	4.700957
7.228604	7.378991	6.501174	6.958961	4.814315	6.521668	7.121988	6.835769	7.637579	7.191453
0.407679	0.240163	0.872461	0.22746	0.847229	0.252761	0.135427	0.214649	-0.03661	0.657788
2.953077	3.143471	2.947729	3.256287	1.873345	2.577162	2.80341	2.805783	2.809335	2.501229
1.859976	2.524574	2.411802	2.307366	0.87638	2.252701	1.580306	2.234562	1.76107	1.73444
2.258607	2.798855	2.339808	2.464223	2.321412	1.532944	1.923396	2.279395	2.674211	2.375826

4.273531	5.001307	3.748017	3.739344	2.416177	4.350444	3.894798	3.809509	4.896553	4.470782
1.109055	3.163632	1.997959	1.774373	0.100913	0.865014	1.792241	2.589337	3.042735	2.240271
3.583483	4.685086	3.059921	2.593885	1.615699	2.436742	2.764472	3.374583	4.506384	3.660426
3.43858	2.668482	3.002417	3.73286	3.233722	2.813076	3.587806	3.107117	2.816545	2.864428
9.224663	8.888594	8.731556	9.060625	7.768998	8.604128	8.015346	9.415687	8.598364	9.722814
3.88596	4.3212	3.924643	5.263193	3.35058	4.327173	4.550795	3.718375	4.57428	4.283531
3.545378	3.689906	4.644354	4.487057	0.976724	2.186399	3.487543	2.717475	3.057596	2.687904
9.360353	8.752487	7.824242	7.440917	7.234018	5.732907	7.736662	8.503293	9.113621	8.982161
4.501589	4.450194	3.190997	2.676592	3.149043	4.74546	4.278865	4.543821	4.129891	4.8328
3.176412	2.900866	3.320208	3.434098	3.728349	4.020009	3.320894	2.882144	3.260609	3.01588
0.559506	1.476804	1.691548	1.021699	0.470815	1.117	1.433336	0.097266	0.05221	1.070211
2.955466	3.061108	2.894945	3.730186	3.028758	3.136443	2.729234	2.527295	3.30501	2.658406
3.794663	4.436284	3.924129	4.084081	2.809754	3.796653	3.690656	3.95301	4.290817	4.132325
2.978039	3.024662	2.946389	3.177978	3.12644	2.953462	2.948159	2.888953	3.009232	2.857809
2.652544	2.170164	1.923275	2.029248	0.693893	2.068736	0.942888	2.197096	0.826191	1.957382
4.0321	3.586097	3.814347	3.54429	2.909839	2.65648	3.259374	2.665654	2.72834	2.406744
1.646354	1.50606	1.948084	1.132847	2.427632	2.225508	1.654026	1.526837	1.627018	1.599567
3.90799	2.475747	2.967091	3.204641	-0.18472	3.580676	3.026942	3.004484	2.34755	3.035131
3.113726	5.844665	4.837349	2.224849	5.104415	4.713107	4.156054	6.834055	3.885491	6.088274
4.182661	3.6076	4.251199	3.981028	4.007503	5.276914	4.239903	3.686058	4.124113	4.36286
0.704311	0.767978	0.985118	0.78649	2.23115	0.92035	1.346454	1.000822	0.476928	0.657831
4.077492	4.051057	3.973458	4.775426	4.35074	4.145176	5.429663	3.691313	4.110762	4.310146
1.844845	2.173471	2.573051	3.967498	4.81204	1.278548	1.499374	2.644381	2.205325	1.872669
4.940605	4.965982	4.425553	4.922713	4.793838	4.240883	3.907983	4.528649	4.55659	4.4752
4.868183	4.816093	5.067011	4.39739	5.292449	4.753366	4.500291	5.059503	4.521083	4.880009
5.059114	4.768729	5.029126	4.772669	4.446611	4.79256	5.041801	4.950759	5.05522	4.381221
4.915767	4.947011	4.213897	3.929352	2.772022	4.153161	4.315105	5.838831	4.895507	5.155447
4.883852	4.970985	5.086781	4.585312	5.563237	5.374937	5.230213	5.122326	4.393427	4.798861
8.629532	6.164883	5.880125	6.962078	2.354937	5.06689	6.191437	8.120179	7.428605	8.210081
4.993119	3.6623	3.277651	2.977613	5.259648	5.423861	4.142717	4.577747	4.639046	4.31117
2.723417	3.029172	3.230721	2.951583	2.414938	3.558594	4.057613	2.714783	3.139463	3.056845
4.506261	6.162239	4.456983	3.849753	6.295571	7.213437	4.754894	5.691175	6.434215	7.102238
2.215359	2.660541	2.141923	1.911286	3.382624	2.954186	2.099905	2.402884	2.878525	2.282063
2.675044	2.678816	2.577504	2.927779	2.703094	2.100961	2.49242	2.086977	2.66177	2.464387
2.296578	2.787878	2.009172	2.236457	1.874945	2.210744	1.718231	2.627995	2.849717	2.632863
2.11004	3.257124	3.06406	2.93599	1.82834	1.53921	2.207933	3.49413	2.515376	2.706476
-0.05179	1.387766	0.856997	0.789381	0.022473	-0.17122	0.436139	0.092955	-0.17122	0.010369
5.235487	4.802373	4.873918	4.736303	5.949685	6.079673	4.966245	5.105023	4.794527	4.792954
5.097596	4.741143	4.148548	4.363239	4.034528	4.368177	4.146119	5.003375	5.588693	4.98246
5.859005	5.831551	5.662729	5.615306	6.338201	5.908462	5.119459	5.60014	6.085297	5.391716
0.421074	0.722454	-0.075	0.06745	0.097506	0.457406	0.052215	0.052215	0.06745	-0.075
1.824873	3.052931	1.802686	2.028153	3.352011	2.823367	1.421228	2.524666	2.918621	3.223209
3.236547	3.221137	3.07526	3.310419	3.57001	3.675409	4.285671	3.522541	2.319251	3.453341
2.876281	3.445784	5.933187	5.898355	4.95768	2.323709	3.356125	4.571061	3.483015	4.259698
1.556889	2.081482	2.039822	1.614982	2.167284	1.7802	2.000257	1.942261	1.3773	1.973259
4.29441	3.66708	3.475058	2.631104	4.051052	3.30419	2.624117	3.85424	3.834219	3.331363
5.990045	6.606329	6.175671	6.17904	6.578768	6.932229	6.435649	6.264645	6.646664	6.237159

2.200985	2.114924	3.066869	2.617676	4.082185	3.132714	2.499399	2.203452	2.39016	1.928679
0.314591	0.92035	0.587152	0.63175	0.666328	0.531466	0.531466	0.380449	0.63175	0.6141
4.209362	3.806904	5.316742	4.436469	4.240602	3.492116	4.120738	4.013687	3.243407	3.51234
3.818117	3.554798	4.218293	4.566537	3.514361	3.242854	3.865238	2.879095	3.346012	2.751035
1.865951	3.764407	4.599235	3.784911	0.964247	0.300091	4.598932	0.42177	1.158364	3.096427
0.997707	1.91109	1.635376	2.752796	0.509572	1.24489	1.893202	1.769922	1.208515	1.662685
0.000565	0.99145	0.519559	0.096176	0.045187	-0.03666	0.152483	0.128748	0.387555	0.036424
4.353998	4.528555	4.802794	5.48021	5.103098	4.372187	5.404321	4.484302	4.221206	4.438396
5.04927	5.260371	5.04627	5.47935	2.080774	2.354624	4.676505	4.721418	3.806157	4.311688
5.53945	5.752616	6.05803	6.233457	5.5938	5.715478	5.385744	5.332982	6.105425	5.266375
6.131431	5.597868	6.904521	4.157663	6.448683	7.19062	5.395468	6.210696	5.152538	5.115546
2.907808	3.152951	3.745814	4.193076	2.003453	2.233023	4.41484	3.023591	2.180871	3.002991
3.289013	2.955445	2.45163	2.653182	3.14102	2.729675	2.533012	3.044019	3.132666	2.654998
3.758942	3.122772	3.819483	2.879929	3.754854	3.314224	3.747461	3.373492	3.124133	3.137661
0.456408	0.666043	-0.00805	1.106814	0.048892	-0.05548	1.250821	0.713538	1.281233	0.858339
0.651343	2.093867	3.49297	1.006903	0.086216	0.285062	2.170403	0.086216	0.155033	1.354275
0.964857	0.998271	0.761658	0.230467	3.037264	1.604508	1.893201	1.496931	0.014339	0.834384
-0.05472	1.76679	2.309239	1.904421	1.955286	0.845907	1.357427	0.273771	1.296992	0.431908
6.233376	7.246544	6.267066	5.951239	6.374813	7.537498	5.93881	6.478646	7.082098	7.03382
3.18173	3.325839	4.031279	3.509477	3.249698	3.129554	3.611323	3.746904	2.775057	3.650859
4.632467	5.487911	4.324985	4.130977	3.506748	3.707732	4.002367	4.228233	5.827238	5.093654
3.192595	2.971805	4.111152	3.522221	3.605995	3.073898	3.363251	3.479887	2.944308	3.095957
2.95028	2.936937	2.493623	3.106727	5.116523	4.046774	3.60154	2.80383	2.733129	3.121471
3.654577	3.308324	2.826423	2.812106	3.168177	3.039206	2.511592	3.565328	3.246271	2.555381
5.61442	5.945125	4.634561	4.203467	3.212267	3.436782	5.069276	5.276459	6.429058	5.822212
5.866187	4.611443	4.915735	3.429424	3.600388	5.548556	4.388337	4.855134	5.270885	5.15964
2.296434	2.210381	2.318913	2.021036	2.451145	2.005901	2.671265	2.347408	1.879986	2.013484

CGGA_50	CGGA_50	CGGA_51	CGGA_53	CGGA_54	CGGA_55	CGGA_56	CGGA_58	CGGA_59	CGGA_59
0.834275	0.817341	1.306633	0.759211	0.926197	0.729119	1.11942	0.6603	0.640867	0.666712
0.813118	1.658183	0.724896	1.581298	0.587863	0.644366	1.507033	1.76433	1.525091	0.837294
5.876089	5.295238	5.92231	5.46886	5.536577	5.690556	4.897359	5.76101	5.473252	5.532837
3.901629	4.01193	2.562579	1.594756	4.192509	3.103479	2.610472	3.836999	8.483635	3.302895
0.840975	0.81131	0.823255	0.96421	0.774822	0.909597	1.294467	1.269144	0.645462	0.864242
7.336646	6.956645	7.311533	6.842175	6.768989	6.77576	7.311914	5.914974	6.034691	7.39325
5.712318	5.475853	6.211579	5.614797	5.546573	5.312018	5.365939	5.742433	6.35322	5.608661
0.358488	0.220087	0.768335	1.208746	1.859015	1.795635	1.158088	1.586757	0.425722	1.013645
-0.00328	0.171162	-0.00328	0.824186	0.058638	0.15591	0.929084	-0.00328	-0.00328	-0.00328
5.561825	5.611487	5.194996	5.676319	5.632258	5.233751	6.557043	6.054421	5.791333	5.710979
3.979604	4.275766	4.643923	4.040229	4.112223	4.233877	4.764291	5.228686	4.888255	4.348143
2.762281	1.842235	2.712424	3.119023	2.526005	3.155985	3.638462	2.852988	2.936107	3.038205
2.025631	2.064557	2.732574	2.04671	2.203232	1.206133	2.695292	2.274751	2.145281	1.14915
3.639573	1.804917	3.509944	2.357559	2.978579	2.523669	2.479992	3.400348	3.39113	2.871329
5.234633	5.168892	6.030569	5.245616	4.474242	5.180817	4.93773	4.77375	4.872772	5.035746
3.79934	1.937199	2.783277	4.405555	2.254573	3.164755	4.040438	3.508623	2.31899	3.672604
0.923515	0.987257	0.590479	0.655815	0.511191	0.660349	0.780824	0.86769	0.980339	1.034602
7.732138	9.005077	8.29895	7.964514	8.082085	6.848259	7.335536	8.325881	8.64897	8.006199
5.230862	5.72046	5.749619	5.544469	4.542484	5.326856	5.815905	4.916874	4.612467	5.960184
3.610544	3.134318	3.432645	3.394857	2.231916	2.643784	3.734879	3.753167	3.457509	3.6234
3.128391	3.391449	3.309574	3.917389	2.631227	3.149325	3.341449	3.512851	3.754353	3.420573
3.148689	4.763753	3.805465	3.324911	3.215597	3.187091	3.000935	3.183637	3.957556	3.229106
3.171473	2.405102	2.723097	3.285938	2.468921	2.940323	3.110741	3.110741	2.965868	3.059283
0.374454	0.050515	0.144699	0.32883	0.13561	0.117221	1.011267	0.171556	0.060277	0.698769
3.237008	1.843606	2.81426	3.456226	2.822767	3.789209	4.125707	3.11522	3.1449	3.801678
3.479125	3.22901	3.801433	3.43024	2.043152	2.214821	3.895044	3.588696	4.295975	3.010543
0.520114	0.819198	0.344171	1.74625	0.659728	0.672806	1.847171	1.36604	1.065947	0.836261
4.329635	4.349045	3.957311	4.48899	4.083703	4.474263	5.404262	5.389909	4.495499	4.686507
2.594897	2.616918	2.615233	2.661832	3.74517	4.268593	2.71369	2.982441	1.563558	2.364753
4.370916	4.810644	4.598271	4.448289	4.268207	4.312632	4.941283	4.423859	4.560908	4.711288
1.507787	3.035237	1.212894	1.036647	1.818469	0.668384	1.142897	1.950486	2.912127	1.085425
4.900436	4.202712	4.845963	4.998741	4.723714	5.148155	5.289788	5.100344	4.071675	4.854537
5.218422	5.561623	5.577156	5.239558	4.698222	5.129767	4.376431	5.68925	5.359488	5.386092
2.585928	2.550494	3.048392	2.491908	2.253878	2.221133	2.489414	3.258461	2.717362	2.536071
1.284044	1.311616	1.918858	2.283444	2.557543	2.768016	2.572853	3.342598	1.473041	2.019133
2.316215	2.947988	2.252564	2.647768	1.573271	2.422854	2.502608	2.201999	1.78055	2.474577
4.839404	4.950833	4.683847	4.81608	5.9074	5.405163	5.563946	5.340701	5.271901	5.520892
3.262075	3.125255	3.647345	3.466911	3.709877	3.151258	3.680409	3.407425	3.956068	3.589114
3.817823	5.410847	4.558272	3.736577	4.724132	4.539963	3.787948	4.29256	5.09964	3.886932
0.031469	-0.06033	0.258401	0.93304	-0.06033	-0.09953	0.831098	-0.0226	0.057456	-0.06033
0.895961	0.147191	0.164947	0.101626	0.905543	0.313987	0.77462	0.266322	0.1911	0.110878
2.531427	2.01971	2.126198	2.396271	3.087115	2.613733	2.894763	2.613733	2.037973	2.393386
2.332334	3.109795	1.828983	0.819112	1.450442	1.012907	0.688489	2.287664	2.72949	1.748751
1.799268	1.195723	1.438886	2.178163	1.067846	1.674294	1.369946	0.556985	1.739631	1.468739
0.143261	0.459294	0.275133	1.055337	1.739675	1.426415	0.909103	0.909103	1.245691	0.320457

10.03742	9.879931	10.07841	8.874145	9.747144	8.4865	8.089055	9.397048	10.81807	9.271632
5.743025	5.571521	6.725591	6.308606	7.034353	6.916195	6.498027	6.746761	5.579542	6.643254
4.293764	2.860617	4.104221	4.741112	4.791404	4.554916	4.146167	4.350989	2.866	4.493742
0.743834	0.607163	0.358582	0.40353	0.446945	0.46811	1.632099	1.056949	0.373742	0.951347
0.626633	0.782208	1.393219	1.032241	0.802124	0.565401	0.493096	0.493096	0.828239	0.641525
1.185261	0.742546	0.491512	0.918515	0.590848	0.122306	2.307428	0.905716	0.912129	0.833217
1.92183	1.677647	2.093324	2.086828	1.416601	1.933894	2.29325	2.088997	1.945863	2.26847
4.944228	2.558065	4.570976	5.152025	4.153742	4.647913	4.626424	5.11018	3.668388	4.633279
4.710511	3.427113	4.558068	4.040613	3.708328	3.84298	4.29655	2.672941	3.984183	4.279412
0.180138	0.14266	-0.00568	0.029296	-0.08933	-0.01463	0.244156	0.127253	0.037848	0.046325
0.386712	0.215664	1.005651	1.489754	-0.09848	0.369732	1.282881	0.420022	0.85003	0.476333
7.502215	4.104353	7.25722	6.572814	7.18296	5.455549	6.157132	5.314235	8.753826	4.7341
8.894006	8.754368	9.610378	9.172833	9.203857	8.337419	9.255237	8.636167	9.56459	8.865891
3.336698	2.917416	3.108316	3.54895	4.077354	4.257944	4.972425	4.72799	3.013026	3.562368
1.242695	1.575797	1.490568	1.259238	0.726406	0.862588	1.90242	1.658211	1.936085	1.588625
5.225849	4.226944	5.046704	5.180663	6.132168	4.802892	4.915741	5.700046	4.930018	5.386662
0.838886	0.706096	1.852892	0.903093	0.993779	0.318889	1.187641	2.3333	2.269796	0.571613
2.929014	1.994214	2.782084	3.090152	3.125221	3.304851	3.178648	2.782084	2.552126	2.914129
1.066709	0.216164	1.402034	1.030131	2.248368	1.577049	0.958608	0.739975	1.601063	0.745775
8.148607	8.526732	9.100422	8.210646	10.03351	8.684118	5.780762	8.554816	10.24323	7.660572
3.05471	2.741472	2.6989	2.898485	2.122848	3.234873	3.025274	2.543374	2.835265	3.094905
3.384103	3.101521	3.904962	3.738814	3.088674	3.250768	3.666745	3.335706	3.820931	3.268518
0.869475	1.015033	0.383216	0.650283	0.658692	0.748189	1.09225	0.675368	1.263857	0.724308
5.967406	3.701491	5.290328	5.708398	4.870773	5.262635	5.095552	5.400252	5.595658	5.803896
3.579112	3.293719	3.630818	3.529949	3.725701	4.395668	3.612785	3.565475	2.968475	3.513944
2.093294	2.873256	1.801629	1.531232	2.181774	1.576258	1.698881	1.850269	2.217396	1.469658
2.805948	2.780969	2.171244	2.273778	2.312886	2.353464	3.081768	2.83935	2.163886	2.985441
3.965814	3.144604	4.056988	4.155409	6.03075	5.753756	4.05	4.828991	3.060647	3.922215
5.224918	3.457311	5.112128	4.738164	6.059448	5.530669	1.94235	4.323429	3.217106	4.621445
5.547536	1.995956	4.073877	4.470061	5.051401	4.236758	2.460987	3.263046	2.915502	3.436477
2.709512	2.636304	3.004298	3.018614	2.602545	1.941616	2.752391	3.085452	3.20345	2.287305
2.673138	2.579355	3.029344	2.432285	1.125262	1.78714	2.26163	2.472845	3.414444	2.430639
2.810128	2.114129	2.310867	3.269112	2.143863	2.605724	2.794192	2.680354	2.795792	2.740615
3.227606	2.355961	3.4357	3.175988	3.151443	3.532978	3.355965	3.767304	2.599314	3.409469
1.873652	1.872464	2.490814	1.942104	1.947757	2.088456	2.697042	1.126642	2.214706	2.333326
3.799894	3.346612	3.270024	4.074672	3.327065	4.163417	5.113644	4.882732	4.255453	4.008961
7.391815	6.972767	7.258048	6.34856	7.856197	6.452847	6.449104	7.517734	7.352147	7.087595
0.725317	1.158007	0.586661	0.907535	0.822961	1.241674	0.763665	1.180801	1.257836	0.586661
5.385093	5.336237	5.270633	5.367294	4.856967	4.60722	6.031911	5.475777	5.420827	5.543115
0.470915	0.165485	0.319905	1.303947	0.577489	0.30763	1.651834	0.805919	0.964818	0.295253
3.596699	2.078073	3.887387	4.123745	2.428766	3.292454	4.02844	3.617683	2.885238	3.578294
3.503683	2.342616	2.472823	3.375515	1.955366	2.729561	3.292244	2.718218	4.254886	3.308609
1.942264	1.701644	1.776906	2.051534	1.145967	1.464617	2.597731	1.515275	1.718347	1.789599
2.472573	3.079207	3.034298	2.606747	2.614232	2.456262	3.093917	2.932108	2.977347	2.691608
6.47524	2.827082	5.827399	4.853471	4.423372	4.119651	2.739838	3.107572	4.463692	5.72275
-0.00743	-0.00743	-0.03417	0.270886	-0.13824	0.035735	0.881927	0.140572	0.588411	-0.14821
2.501769	3.676115	2.127944	2.130915	2.725263	1.515662	1.703034	2.962989	3.418	2.214977

0.019674	1.624082	0.033747	0.180483	0.218149	-0.03797	0.39358	-0.00887	1.838287	-0.05273
3.639492	3.458688	3.660446	2.955428	2.963921	2.228096	2.293856	3.651408	3.910697	3.01718
1.4975	1.985951	1.207673	1.411053	1.300031	1.617244	2.718289	3.352521	1.949161	1.748145
2.695825	3.277281	2.909644	3.554497	3.542648	3.635348	3.963106	3.457486	2.614211	3.55712
2.319643	2.611203	2.711537	2.06162	2.629514	2.526984	2.690052	2.450833	3.704859	2.647629
6.724923	6.909222	6.330174	6.13109	5.439578	5.940264	6.536726	5.975475	5.889057	6.684484
1.77435	2.947595	1.734294	1.604174	1.865911	1.641052	1.289511	2.62533	2.362871	1.660805
7.967075	7.273427	7.829162	7.552512	7.61468	7.445288	6.515093	6.620519	7.040135	7.680098
2.496311	1.495845	2.945608	1.924715	1.760538	1.829785	1.197835	1.917047	3.001271	1.539418
1.689745	2.541798	1.390972	1.961029	1.698983	2.038684	2.450026	1.434339	1.997695	1.412789
3.126976	2.208147	3.353628	3.101249	2.085161	2.798828	2.860022	3.65643	3.801726	2.901284
-0.06362	0.471205	0.040024	0.494115	-0.02807	0.006458	0.629876	-0.01645	0.811407	-0.06362
9.349421	8.07477	9.005701	8.679328	8.661996	8.521191	6.333659	8.668701	8.081266	8.74428
4.536115	3.466601	4.906392	4.585694	4.196434	4.835246	4.075457	4.578897	4.915313	4.132298
2.121058	2.879817	2.639874	2.083081	2.432451	2.417605	2.487068	2.424224	3.146949	2.378885
0.477747	0.113897	0.351458	0.654809	0.379545	0.520101	0.742319	1.072084	0.460421	0.49485
4.294306	2.812412	4.745585	4.372079	4.406327	4.198906	5.363814	3.764845	4.467714	3.781454
0.960713	1.667969	1.077437	1.851183	1.463359	1.37271	0.691516	0.556185	2.452837	0.600414
2.634021	1.983736	2.451289	2.407865	2.34675	2.696434	3.436341	2.517853	2.535208	2.464794
2.698588	2.647714	2.78444	3.086601	2.153366	2.904667	3.254266	2.737856	3.161474	2.967553
0.003009	0.028111	0.028111	0.169276	0.202283	0.180372	0.393775	0.593049	0.123912	0.052735
-0.03658	-0.03658	-0.01281	0.520153	-0.01281	-0.03658	0.842661	-0.03658	0.055811	-0.01281
4.715985	3.535304	4.098647	4.738244	2.479034	4.186881	3.393105	4.801347	5.434471	3.784817
4.363454	3.50094	4.64998	4.875532	3.805879	4.057565	4.361838	2.946931	4.654564	4.659784
3.258631	4.560133	3.836084	2.914935	2.855972	2.942298	1.81063	2.980561	2.435931	3.142975
3.279057	3.097949	2.928652	3.301496	2.478947	2.982409	3.687053	3.254709	2.967208	3.530511
3.799177	3.551954	3.617528	4.181428	3.010418	3.720267	3.121408	3.977307	2.448783	4.308239
7.834492	7.643947	7.347131	7.626317	7.568051	6.9233	7.621755	6.527775	8.356621	7.865695
-0.05137	-0.05137	0.043869	0.53211	0.064341	-0.08309	0.576227	-0.00602	-0.08309	0.122821
0.456351	0.641648	0.38552	0.641648	0.918297	0.40611	0.375115	0.375115	0.766671	0.209442
3.712313	3.012371	2.846216	3.819947	2.117497	3.153929	3.68056	2.827686	3.302365	3.305947
6.854798	6.29329	5.959817	6.349362	7.487098	7.203502	6.071974	7.182597	6.387487	6.064324
-0.05917	0.171262	-0.05917	0.053701	0.040049	0.012365	0.291882	0.012365	-0.08878	0.026271
0.641484	-0.02234	0.464529	0.435999	0.116311	0.33057	0.499283	0.306749	0.610583	0.058797
3.978577	3.445937	4.057042	4.226267	3.293214	3.817798	4.029911	3.131969	3.632043	3.962142
5.480332	5.778204	5.994008	5.36045	6.1871	5.574834	4.957412	6.174767	5.94554	5.299962
4.947353	5.181201	4.945695	5.285158	5.500143	5.232653	5.441399	5.155969	5.093778	5.426658
4.47727	4.276358	5.786174	4.658462	4.376701	4.389793	3.993299	4.033318	4.082309	4.460697
3.853219	2.999247	4.027295	4.284026	2.928037	3.706311	4.492458	3.686456	4.036133	4.122778
0.581374	0.46308	1.236847	0.985434	0.91308	1.170948	1.38194	1.154885	0.594532	1.003994
3.982735	4.274013	3.769984	3.150773	3.759665	2.343778	3.253959	3.844016	5.221332	1.970342
-0.04249	-0.04249	-0.04249	0.298255	0.042884	0.019074	0.510544	-0.01751	-0.04249	-0.04249
4.500985	5.785842	4.878116	4.467205	4.556915	3.665669	2.987366	4.979832	7.130524	3.548371
3.866746	2.890007	4.110352	3.826471	3.844849	3.735784	4.32837	3.980034	3.205963	3.70592
4.096516	4.548743	4.657372	4.288703	3.469201	4.019504	4.039069	4.146258	5.153848	4.170355
3.048555	1.812123	1.855931	3.008293	1.972184	3.414556	3.590625	2.726495	2.905221	2.804328
4.955494	4.451475	6.112796	4.505316	4.641602	3.94171	3.301055	5.253403	3.778213	4.642189

2.88398	2.11707	3.657574	1.662015	2.031371	1.658074	2.998868	2.562608	0.74781	1.764522
-0.03005	0.014529	0.167577	0.365673	1.166026	1.166026	0.551041	0.422597	0.14088	0.113703
4.134637	4.038955	3.832173	4.337506	3.902428	3.978781	4.936464	4.435179	2.227195	4.558511
0.273577	0.245019	0.315381	0.356008	0.245019	0.273577	0.38247	0.287647	0.273577	0.245019
0.511223	0.225106	0.165161	0.293853	0.282624	0.337902	0.063654	0.140456	0.023638	0.259895
6.257727	5.489135	6.154255	5.419289	5.667177	5.499792	5.384526	6.184538	6.484878	5.915239
4.196303	4.284647	5.056685	5.016198	3.917616	3.844759	3.330804	3.190853	5.361922	3.359067
1.673066	1.4832	2.257503	2.489465	2.090039	2.982067	3.131103	2.510701	2.703525	2.214861
1.400962	2.139839	1.111799	0.957472	1.220077	1.018825	0.603388	1.240777	0.969956	0.762949
6.341073	5.111942	5.800657	5.673673	5.432263	5.694236	5.55271	6.269449	6.014572	5.842389
-0.02556	-0.02556	-0.02556	0.299718	-0.02556	-0.02556	0.354993	0.003635	-0.02556	0.086381
1.297246	1.290719	1.273136	1.277556	1.00019	0.799692	1.680732	1.434291	1.350268	0.812867
2.528789	2.65348	2.531254	2.544751	2.164026	2.044102	3.068414	2.963034	3.314345	2.895401
5.023138	6.915547	5.760058	4.715972	5.189952	4.445658	4.753266	5.399582	6.442374	4.947378
0.063468	0.352414	0.199081	0.264481	0.063468	0.789035	0.235906	0.046324	0.063468	0.358889
0.012341	-0.06626	-0.09726	0.668787	0.00282	0.120541	0.818885	0.00282	-0.14002	0.120541
4.61398	3.876337	3.974545	4.624026	3.605459	4.339635	5.389657	5.19567	4.421834	4.959816
5.343242	4.492958	5.387003	5.502065	6.579918	6.378469	5.454257	6.272121	5.209741	5.395805
-0.02312	-0.04867	-0.03583	0.629665	-0.06163	-0.01054	0.457889	0.367381	0.175894	-0.06163
9.051871	9.496981	8.176761	8.792832	9.422573	8.117937	9.862999	10.55856	10.10557	9.267196
4.291185	4.827175	4.967897	4.553167	4.018325	3.98312	4.697348	4.912262	5.142562	4.680613
2.104453	0.498549	1.08209	1.319878	0.467423	1.33255	1.500393	3.384066	1.670151	1.34821
5.21593	6.29199	6.966793	5.015444	6.364351	4.465981	4.02804	5.373857	5.80979	6.081651
3.46415	3.539912	3.166388	3.867713	3.319539	3.475174	4.275353	3.480052	3.353876	4.033691
2.72872	3.942324	2.534073	2.838392	2.572869	2.399994	2.778789	4.205572	3.93918	2.46492
0.804481	1.36849	1.135207	1.112191	0.780729	0.91714	1.180053	1.273586	1.717565	0.822014
-0.02435	-0.02435	0.006662	0.234672	-0.02435	0.175661	0.401093	0.036787	0.006662	0.0564
0.756449	1.141942	0.804741	0.437037	0.74824	0.582674	0.545254	1.004013	0.374393	0.49707
4.547546	4.912822	3.483879	3.920404	3.45897	3.48704	3.986299	5.157411	5.229146	3.590511
2.700392	1.810354	2.991109	2.884532	2.391564	3.32127	3.533896	3.560743	1.886594	2.938744
2.226826	1.206827	1.256936	1.140894	1.052282	1.28809	2.442021	1.270356	3.544218	1.431955
4.506501	5.797524	4.705272	4.449098	5.861728	4.842836	4.39075	4.847241	5.00919	4.642472
3.238917	-0.07234	0.315951	0.991043	-0.03623	0.211967	1.5648	1.39182	2.898746	0.991043
5.596599	4.491045	5.744315	5.522904	4.735459	5.36161	4.924359	5.468196	4.286944	5.360097
0.740255	2.499341	1.396306	2.152456	0.761308	0.761308	2.992875	1.34574	1.040483	0.823528
2.688755	3.408571	2.604414	2.974862	2.98983	2.711511	3.854994	3.500294	2.177567	3.11572
0.766021	1.636075	0.45497	0.913234	0.278486	0.50116	2.387787	0.867464	1.066905	1.851265
0.097467	0.438092	0.190159	0.805886	0.068161	0.292469	1.085139	0.126056	0.292469	0.718571
5.125269	4.39482	4.715312	5.744847	5.499039	5.224385	6.10849	4.667123	4.83443	5.59614
5.992957	4.891749	5.95404	5.793669	5.175315	5.350503	4.660237	5.055235	6.497361	5.254497
0.520068	0.744036	0.281373	0.609494	0.320985	0.176881	0.751128	0.359458	0.593673	0.486008
3.785846	4.988002	4.480311	3.704688	4.401916	3.205519	3.034982	3.374782	5.672311	2.95635
8.004475	7.116434	7.21064	7.562113	6.500299	6.918955	6.056452	7.354137	7.877349	7.591647
0.686342	0.373306	0.516939	0.265256	0.786672	0.418966	0.992687	0.695742	0.847229	0.568756
2.83743	3.148125	2.801033	3.064867	2.70633	2.818762	2.241665	2.69355	3.221444	2.531807
2.016154	2.408613	1.580306	1.34484	1.52138	1.723633	1.127437	1.766331	2.402212	1.555822
2.257109	2.066781	2.690339	2.121254	1.976734	1.796728	1.703196	2.655685	2.539718	1.761898

4.41896	4.838009	4.665506	4.376661	3.862613	4.012662	4.227586	4.263813	4.784721	4.326831
3.033165	0.799631	2.145201	2.065083	1.690969	1.123562	2.069927	1.725561	3.722909	1.013443
3.305666	3.281148	4.261757	3.511196	2.030358	2.936436	2.17054	3.334314	4.135617	2.864135
3.069884	2.978825	2.343316	2.912709	2.148043	2.675996	3.364792	3.787144	3.22822	3.098251
8.764041	8.888305	9.933346	8.099033	9.335842	7.863215	7.08639	8.54831	8.241299	7.640579
4.200452	5.22065	4.369669	4.647656	3.710638	4.331803	4.370959	5.253129	5.647997	4.193991
2.590828	3.891215	3.374234	3.033138	2.547598	2.374691	2.031647	3.342884	3.764229	2.893173
9.596001	7.747928	8.871221	8.322947	8.946365	8.51726	7.207369	7.46714	7.867204	8.226462
5.512208	3.566472	4.356267	5.453274	4.105649	4.911192	4.906827	3.855368	2.743285	4.827776
3.057174	3.061319	3.151824	3.543982	3.137016	3.557339	3.449806	3.026108	3.372062	3.07532
0.348551	0.495601	0.4111	1.511332	1.563307	1.570568	1.847126	0.559506	0.23389	1.064908
2.955466	1.446075	2.817681	3.163897	2.185816	3.08024	2.830487	2.852233	2.488003	3.069104
4.218349	3.752439	3.900554	4.088433	3.794663	3.540373	4.452515	4.521947	4.928945	3.728964
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1.637383	1.216331	1.101684	2.184591	1.872762	2.105256	1.749016	1.874996	0.934244	1.521941
2.875785	2.27027	2.78429	3.213557	1.702909	2.25431	2.863815	2.967007	3.011223	3.044732
1.892599	1.555498	1.587663	2.080722	1.437784	1.555498	2.255159	1.688122	2.328344	1.831774
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2.44508	4.881996	1.682775	2.35534	4.135588	5.260848	3.633053	3.517015	5.340748	2.354602
4.02141	4.291737	3.919238	4.473742	4.015239	3.534131	3.869039	4.646105	3.974759	4.372285
0.925872	0.530147	0.630512	1.202955	0.623592	0.677953	1.83202	0.767978	0.637395	1.189507
4.179151	3.878112	4.337036	4.484034	3.908011	4.325442	4.34642	4.384339	4.383628	4.603133
1.98249	3.786927	1.999958	1.596302	1.065483	1.741526	1.746186	1.881117	2.481638	1.09966
4.993062	4.772146	5.414325	5.082357	3.891408	4.248562	5.021782	4.44524	5.07702	4.865258
4.760316	4.957298	4.808576	4.734419	4.937936	4.600451	4.68951	4.110816	4.96491	4.745566
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3.229035	2.491074	2.974596	2.594528	2.006794	2.918534	2.42243	3.605466	3.318109	2.60368
4.649177	6.257604	5.475924	5.210412	6.800812	5.998325	5.14601	5.18417	6.453893	4.934527
2.063025	2.840013	2.701974	2.768362	1.4485	2.571396	1.897612	2.135985	2.353169	2.382493
2.644527	2.395311	2.444662	2.561282	2.035507	2.246648	2.573465	2.466562	2.420192	2.613364
2.304209	2.900029	2.548429	1.768151	1.825507	1.417464	1.917288	2.277293	2.229742	1.758328
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-0.03913	-0.14377	0.244683	0.803171	0.505882	0.069857	0.681338	0.547754	0.514358	0.203001
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5.773842	5.898206	5.772473	5.8928	4.883879	5.312972	5.862933	5.5518	5.76644	5.842155
0.052215	-0.075	0.052215	0.70192	0.267195	0.052215	1.235825	0.06745	0.036838	-0.075
0.981516	1.87757	2.887637	2.604995	2.332608	2.686979	1.782641	0.848907	3.828542	3.034709
3.093459	3.397371	2.74196	3.011109	3.196233	2.799854	4.141282	3.588175	2.745871	3.525207
4.536606	4.953361	4.560312	2.839082	2.691512	2.696168	2.86728	2.643098	5.588437	3.844153
1.921215	2.013568	2.32481	1.63671	1.5339	1.433091	1.942261	2.278801	2.259415	1.976661
3.64964	2.416266	3.759196	4.291149	2.305775	3.161192	3.868807	3.359868	2.901932	3.520415
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0.605181	0.463233	0.291851	1.249844	0.208873	0.568862	1.039997	0.453177	0.19656	0.412133
3.591393	3.903056	3.645054	3.599141	3.958754	4.29	3.696672	4.371516	4.156268	3.667648
3.44042	3.53513	2.871635	3.527028	2.21397	3.158109	3.219899	3.181769	3.215698	3.895554
1.162127	1.297985	0.793159	2.882882	4.780997	5.575798	1.068785	3.514494	0.71197	2.191831
1.750224	1.497419	1.838199	1.840865	0.509572	0.920155	1.710019	1.87249	2.151899	1.921214
0.000565	-0.02722	0.036424	0.860508	-0.02722	0.009654	0.664019	-0.03666	0.071014	0.000565
4.705392	5.173437	4.517468	4.424071	4.428327	4.171587	4.628688	5.703574	5.259887	4.640524
4.83685	5.039915	4.139671	2.858448	3.598877	2.719278	2.152325	3.168238	5.721283	3.633193
5.882929	5.541317	6.226689	6.112689	5.583951	5.538383	5.55406	5.15983	5.62301	5.727947
6.459421	5.06641	6.496401	6.304145	4.799609	6.219752	4.724378	5.859951	4.465639	6.421147
2.748649	3.330996	2.481849	2.584504	3.521881	2.798081	3.048057	3.471531	3.048057	2.301151
3.121468	2.321193	3.3005	3.350694	2.222595	3.135455	2.938443	2.996516	3.035206	2.985956
3.064223	3.54478	3.79752	3.297773	3.086853	3.362311	3.490264	3.576377	3.567839	3.168229
0.43179	3.114095	0.778497	0.746426	0.291933	0.059986	0.623895	0.950282	2.272228	0.822101
0.188454	0.20493	0.269326	1.362771	1.972413	1.707919	0.625728	1.136933	0.188454	0.435119
0.006475	0.703147	1.066097	1.292085	0.911104	0.675224	2.2163	0.895326	-0.27435	2.050265
0.205648	1.01083	0.518751	0.990926	0.899141	0.324173	1.582148	-0.01652	0.166037	0.506728
6.7869	6.244022	7.228412	6.75218	6.271996	6.598012	6.05943	6.83771	6.516376	6.669822
3.168818	3.551127	2.523147	3.207301	3.313856	3.11129	3.752901	3.377411	3.381768	3.448779
4.874639	3.909552	4.470222	4.291934	4.390258	4.399107	3.942948	3.496929	4.553446	4.460779
2.692423	3.89334	3.389826	3.165584	3.212044	3.165584	3.282669	3.390735	3.708708	2.995331
2.905388	4.178902	2.894739	2.998322	3.197154	2.673316	3.81901	4.389438	3.759676	3.329642
3.283412	2.008536	3.186786	3.516213	1.875936	3.044845	3.053827	3.821783	2.023802	2.508417
6.476056	5.085025	6.039364	6.000542	5.632811	5.475697	3.47165	4.511706	4.784081	5.699255
5.791659	2.535379	6.000945	5.412362	4.660182	5.251318	4.7986	3.437233	2.563274	5.092602
2.069362	2.5963	2.64485	2.306102	1.805071	2.203587	2.788	2.604484	2.28346	2.33796

CGGA_60	CGGA_60	CGGA_60	CGGA_60	CGGA_63	CGGA_63	CGGA_64	CGGA_64	CGGA_65	CGGA_66
0.856508	2.185019	0.381088	1.078431	0.332127	0.883765	0.828655	0.850986	0.621133	0.771051
1.477623	2.392706	1.348996	1.43993	1.428414	0.410756	0.602213	1.903895	0.849221	1.165147
6.287941	5.678019	5.594597	5.269054	6.020819	5.745182	5.973633	4.798577	5.263363	5.738821
4.3261	1.432669	2.923123	1.655372	3.835679	3.594567	5.764586	2.516195	3.737835	3.563731
1.429556	1.648678	0.678993	1.74162	1.19468	0.858463	1.037106	1.212578	1.335634	0.658975
5.532978	7.099727	8.020824	6.383837	7.494743	6.141829	7.563199	6.406921	6.831279	6.592074
5.443641	5.38753	6.631782	5.528492	6.804226	5.66693	5.535383	5.326804	5.321124	5.723816
2.35896	1.062305	0.250496	0.778312	0.358488	1.208746	1.229856	1.371724	0.763316	0.802921
0.438198	-0.00328	0.100431	-0.00328	0.186164	-0.00328	0.171162	0.200925	0.200925	0.208216
5.422756	6.577307	6.012051	5.250546	4.562899	6.154223	5.690468	5.045647	5.556289	5.552284
3.627381	5.634433	4.833733	3.766419	6.303235	3.843098	5.201082	5.203259	4.102805	3.889462
3.938687	3.73651	3.622302	2.995605	2.295018	3.688162	2.973916	2.746408	3.531271	3.157391
2.111188	2.222086	3.952503	1.776638	3.316259	1.216277	0.762726	1.347211	1.523217	2.285077
4.076272	2.180443	4.45393	1.344691	3.280454	3.611461	3.304665	1.93044	2.745728	3.114466
4.689209	5.605262	5.332072	5.24847	6.08506	6.059565	6.454311	5.68206	5.365378	5.665546
2.688696	3.274715	3.719282	4.363385	2.681349	3.567594	2.744629	2.978843	3.31119	3.078657
0.490526	1.728438	1.690581	0.682766	1.252412	0.375796	0.453484	0.458846	0.840724	0.64211
7.840083	7.163858	8.550014	8.129241	8.146719	8.133889	7.694327	8.434805	7.709269	7.945653
4.279056	6.230707	5.051465	5.529504	5.413738	5.682018	5.864999	5.253238	5.619645	5.015468
3.855403	4.077523	4.031476	4.078584	3.932132	3.344969	3.219297	3.924229	3.432645	3.055981
2.427437	3.350917	3.178623	3.403762	2.626761	3.740059	3.974046	3.140629	2.839011	3.02226
3.650874	2.515712	2.434041	5.466907	3.200836	3.443211	3.626419	4.434614	3.100901	2.912254
3.112554	2.635043	3.214965	2.76893	1.90918	3.297523	3.081501	2.486426	3.354446	3.143127
0.197817	0.622598	2.395772	0.35944	0.786263	0.403924	0.604303	-0.0518	1.070797	0.425556
3.957862	3.384363	3.66502	3.766871	2.620922	4.089462	2.57879	2.889701	4.429383	3.96173
1.567264	4.292584	4.774964	4.449559	4.560011	4.007403	3.107899	2.713186	3.703092	2.576634
1.677368	0.880569	0.505179	0.79019	1.241713	0.49005	0.646501	1.24964	0.63983	0.912721
4.797664	5.028275	4.385985	4.471798	5.845927	4.261002	4.764859	5.22989	4.690539	4.196452
4.934971	3.142538	2.444074	2.389671	2.852199	3.370053	2.47342	3.137461	2.687942	2.837311
3.832536	4.774661	4.427234	4.59261	4.879997	4.112316	5.142463	4.38431	4.483578	4.182908
1.779374	3.620244	3.960876	1.795791	3.739485	1.053089	1.321023	2.670916	2.057918	2.119274
5.589005	4.643353	5.8959	5.204936	4.370816	5.05229	4.918152	4.028525	4.805421	4.994252
5.170613	5.574802	3.96909	6.113206	5.405212	5.266921	4.505551	5.707995	4.940329	5.266516
2.150144	3.278728	3.74657	2.880139	4.57919	2.691591	3.274409	2.317201	2.048524	2.239087
3.746099	2.781114	4.040662	2.16503	2.492878	2.559082	2.675392	2.479889	2.059914	1.476494
2.165862	3.365014	3.176697	2.887894	2.349159	2.383439	2.349159	2.559037	2.852518	2.723805
5.568273	5.307374	5.037953	4.64989	6.286456	4.51402	6.349712	5.402884	4.575638	4.430173
3.590189	4.22863	4.574302	2.867047	5.387026	3.63794	3.796555	3.184931	3.609436	3.0693
4.599252	5.097081	5.319593	3.819599	5.908763	5.29741	5.139529	4.234285	5.163251	5.396764
0.49473	-0.05077	0.139543	-0.05077	0.082791	-0.05077	0.022655	-0.08958	-0.03191	-0.04129
0.274398	0.846876	3.381046	-0.08914	0.101626	-0.0464	-0.06758	0.101626	0.487797	-0.0464
3.19237	1.807403	2.606199	2.150028	2.291966	2.863097	2.62869	2.565392	2.170165	2.077413
2.200721	4.942589	4.056146	2.189769	2.151924	1.985276	2.092149	1.967555	2.970767	2.391197
0.879904	0.945661	0.826923	1.752834	0.771657	1.699187	1.326729	1.323061	1.882638	1.744929
1.99671	1.189056	1.637262	0.529242	0.991219	0.386071	0.747768	0.79794	0.263594	0.118041

9.829598	10.91808	12.07775	9.313858	10.55336	9.355536	9.476132	9.07786	10.26273	9.873426
7.166143	4.938055	3.543967	5.800839	5.617009	7.261344	6.764207	6.029773	6.696521	6.08843
5.224395	4.678387	4.467747	3.856047	4.236477	4.742268	4.32744	2.745868	4.707919	3.880873
0.425423	0.951347	1.162597	0.887542	1.174705	0.650332	1.012106	0.536222	0.897568	0.686205
1.535775	0.307977	0.656258	0.815244	0.720672	0.951864	0.363455	0.549658	0.476499	1.375946
0.912129	0.491512	0.574761	0.771057	0.289426	0.328342	1.428227	0.218685	1.040604	0.974739
1.733625	2.551344	2.477976	2.169149	2.729635	1.808635	2.140116	2.073752	1.914544	1.80602
5.334946	2.987744	4.43896	4.91427	3.308147	4.874128	3.76836	3.351537	4.83523	4.74735
3.219685	3.640489	4.401652	4.017027	2.965332	4.345916	3.499961	3.462776	4.883038	4.722116
0.336036	0.470324	0.14266	0.26459	0.20195	0.543809	0.14266	0.095687	0.31066	0.157825
0.582124	0.428217	3.210547	0.253593	2.325414	0.436361	0.537836	0.084136	0.713168	0.659593
7.997293	7.927603	7.205062	8.293236	7.317577	7.266782	4.322792	6.743997	6.018594	5.992746
8.498959	8.465403	7.220557	9.486341	8.657501	9.009274	9.147731	9.395312	8.78199	8.754198
4.531533	2.817262	5.736177	3.683323	6.628586	3.814209	3.769924	3.155018	3.240635	3.469824
0.936262	2.332439	2.741134	1.963169	2.179632	1.229307	1.07217	1.181336	1.769476	1.301292
5.450756	4.904809	5.274429	4.374485	3.589654	4.631519	5.053179	4.361028	5.261324	4.713828
1.482004	3.512887	3.226925	1.228834	1.096599	0.656505	0.85524	1.050876	0.656505	0.277162
3.642416	3.34182	4.318254	2.682143	5.150123	3.082281	3.560552	3.19367	3.101906	2.677378
1.659204	0.739975	1.312158	0.686563	0.134998	1.977322	0.818886	0.867168	0.722417	1.85643
10.55408	5.721958	7.506387	7.670784	2.91845	9.016146	6.571278	9.813164	6.578825	10.10652
2.780149	3.05471	3.559649	3.851748	2.877651	3.382135	3.308303	3.473519	3.529416	3.781845
2.852278	4.315096	3.944851	3.648315	4.523816	3.423739	4.052009	3.785759	3.618865	3.133283
0.862177	1.840807	0.480801	0.891158	1.165667	0.590058	0.393266	0.461787	0.545502	0.62477
5.483514	5.172804	5.107459	4.815611	2.791315	5.908189	4.630907	4.829363	6.325895	5.988867
4.69641	3.523963	3.467164	3.745367	4.033608	3.973053	3.868463	3.749809	3.497803	3.389405
2.022579	4.029423	2.645984	2.706919	2.481933	1.713735	0.989527	2.244959	2.558406	1.717949
2.643396	2.538597	3.597977	2.65683	3.00156	2.40195	2.941252	2.342276	2.978957	3.130475
6.184643	4.291428	4.447061	3.271097	5.009136	4.963097	4.960976	4.318057	4.012865	4.073477
5.922693	3.597329	4.682123	2.084969	1.665696	3.816342	5.115365	4.183216	4.159857	4.465992
3.843876	2.11298	4.545805	2.209594	1.229924	4.623521	2.446499	2.914568	5.339164	5.328239
3.365564	2.728283	2.454131	2.801435	1.661053	2.327586	1.462377	2.626442	1.515108	2.313473
1.792215	3.374051	3.614774	3.105416	3.578791	2.760021	2.036864	2.419067	2.017407	2.414079
2.57897	3.256668	2.878671	3.227727	3.256668	3.363426	3.49431	3.028489	2.819625	3.077241
4.048809	3.315703	2.705355	3.099633	3.046464	3.346375	3.584912	3.315703	3.307554	2.916033
2.069923	0.554055	3.143237	1.627984	3.399009	2.566816	2.250786	1.479526	2.333326	2.034247
2.849708	4.003235	3.771339	3.807235	4.638979	3.843572	3.59618	3.980173	4.199484	3.674435
6.960062	6.849245	6.220827	6.982429	7.306425	6.112351	7.88328	6.477751	7.090651	6.935171
2.032774	1.466792	0.433106	1.294851	0.948018	1.128994	0.603689	1.169449	0.669841	0.858809
4.541637	5.041913	5.009446	5.430865	4.79246	5.307548	5.705494	5.125402	5.752503	5.580548
1.580069	0.165485	0.492848	0.218755	0.535769	0.74283	0.178982	0.481922	0.244693	0.577489
3.281973	3.065162	3.397722	4.415903	2.402775	4.165667	3.015001	3.49361	3.674204	3.839212
1.995753	3.118223	2.778052	2.338807	1.672902	3.33985	4.11955	2.864838	2.481397	3.59013
1.754417	2.760333	2.51653	1.553054	3.633444	1.468578	1.567891	1.85445	1.492117	1.480396
2.044791	4.166794	4.373757	2.26752	3.457695	2.428168	3.526342	2.678715	2.504734	2.241688
2.603837	4.138568	6.354294	2.640308	4.581276	6.944146	5.369198	3.415477	4.651696	7.022429
0.572996	0.519981	1.375446	0.125084	0.652804	-0.24231	-0.02518	-0.13824	0.060837	0.044166
2.382304	4.288234	4.159348	2.865836	2.02067	1.343516	1.672512	2.624922	2.651653	2.091893

0.806555	2.370218	2.859044	-0.00887	0.242749	1.123833	2.299839	0.088766	2.504592	2.258563
2.509684	4.238489	7.369658	3.623186	3.911263	3.03444	2.547364	3.244347	3.200096	3.006708
1.959276	1.985951	2.161601	1.793307	2.935833	1.488609	1.411053	2.350004	1.566975	1.782131
3.801996	3.122761	3.783571	3.258859	4.556158	2.697924	3.954695	3.935626	2.96122	2.672573
2.609786	3.562272	4.055726	3.124661	2.498452	2.59698	2.71287	3.347186	3.074886	3.182106
5.51822	6.814747	6.985029	7.112463	5.340504	6.375186	7.275378	6.444306	6.494883	7.079108
2.612937	4.198352	3.563998	2.296818	2.225569	1.071615	1.362484	2.272691	1.370386	2.290275
6.176408	7.537404	4.974108	7.636108	6.401898	7.392285	6.706614	7.30223	6.749042	7.242516
0.702842	2.396577	4.235617	1.026283	4.01292	2.05246	1.08702	1.395999	2.535019	2.024281
2.189067	1.777078	1.893593	2.74294	2.802998	1.714273	2.230423	2.652402	2.177404	1.607581
3.050882	4.036465	3.989241	3.105753	3.686695	2.956379	2.835022	3.077404	2.910174	3.413424
0.979248	0.279365	-0.06362	0.391527	0.486527	0.061892	0.391527	0.494115	-0.06362	0.297316
9.076456	6.064233	7.553955	8.218277	7.781589	8.701113	7.556849	8.283291	8.322728	9.170483
4.828868	4.578111	4.237981	5.274181	3.400719	5.236996	3.701851	4.282088	4.727719	4.521419
2.331922	3.000103	3.600243	2.862203	2.784276	2.297837	2.512003	3.074574	2.588464	2.712073
0.831061	1.193206	1.208223	0.720973	0.253322	0.486326	0.102543	0.351458	0.544883	0.416096
3.77178	4.885194	5.494497	4.368891	3.183523	5.067202	4.08488	4.230213	5.282254	4.765301
1.161153	2.400806	2.13791	0.463097	2.100514	0.966244	1.025636	1.107584	0.533511	1.087561
2.723949	2.580009	2.600969	2.398593	2.688498	2.625813	3.226817	2.552403	2.638111	2.066127
2.571155	3.179676	3.56458	3.127131	3.430061	3.224328	3.078375	2.993791	2.982181	2.971954
0.518686	0.510153	0.052735	-0.02259	0.430712	0.169276	0.158083	0.064874	0.100619	-0.02259
0.675736	0.07784	-0.02464	-0.03658	-0.0011	-0.03658	0.044643	-0.0011	-0.01281	-0.0011
3.811596	2.77984	0.681749	4.336467	2.943658	3.826586	1.256182	3.341386	2.786316	3.351856
3.109095	3.019229	3.110095	4.586214	2.567571	4.261742	4.04492	4.118149	3.902684	4.330788
3.133882	4.051822	3.135022	3.594322	2.368001	3.036224	1.426271	4.02526	2.097771	4.435423
2.881302	3.554295	3.277443	3.218411	3.058414	3.524869	3.470407	3.054778	3.986365	3.497839
3.890126	4.57344	4.62023	3.395665	1.512044	3.582473	3.998965	2.543515	3.879627	4.072258
7.325688	6.042126	5.412857	7.921878	5.628936	7.977269	6.430171	7.10334	7.680454	7.762414
0.972659	0.255488	0.405571	0.064341	0.077707	-0.04363	-0.02085	-0.08309	-0.08309	-0.04363
0.514447	0.844449	1.187228	0.844449	0.63292	0.561157	0.813832	0.332738	0.701324	0.485688
2.774534	3.109619	2.772135	3.651944	2.688632	4.201119	2.722248	2.948156	4.01234	4.041818
8.01123	6.641481	6.364456	6.73792	5.875741	6.753343	6.001345	6.831461	7.313462	7.181091
0.381826	0.067229	0.158647	-0.0739	0.093924	-0.00167	0.053701	0.359843	0.403492	0.120151
0.591661	0.116311	0.904187	0.338409	0.578882	0.565969	0.197821	0.585288	0.499283	0.2493
3.667353	4.541381	4.404577	3.741392	5.112161	4.51407	4.792924	3.883347	3.922242	4.128677
7.520496	5.890024	5.497289	5.112489	6.488799	5.356466	6.261112	5.865776	4.995877	5.304859
5.645375	4.843065	4.889642	4.728763	5.590381	5.121825	5.68556	5.568604	4.966045	4.762954
4.225409	3.928206	3.907005	4.55643	5.044842	4.295386	4.376701	4.724859	3.685226	4.994342
3.672859	4.527743	5.119689	4.362267	5.069577	4.388097	3.606278	3.719661	3.673577	3.534828
0.908092	0.682703	2.865297	1.013164	1.117912	0.758997	1.101096	1.008588	0.87257	0.990102
2.444425	4.361325	6.668219	2.946437	6.610453	4.503319	3.902313	4.69615	4.947809	4.27679
0.33621	-0.01751	0.019074	-0.04249	-0.04249	0.006998	-0.04249	-0.04249	-0.04249	-0.04249
4.793518	6.02736	5.720772	3.953356	7.784786	5.183034	4.444098	5.676529	5.515059	5.287957
3.757787	3.933561	4.674525	4.200243	4.019561	4.279199	4.168421	3.897836	4.048335	3.8682
3.506558	5.207739	5.088433	4.832209	5.15477	4.465882	4.424357	4.264641	4.052185	3.983858
2.380795	1.798256	1.57623	3.009917	2.782877	3.490582	2.382942	1.880204	3.032536	3.519252
4.438418	4.904915	6.183842	4.315821	4.83241	4.538491	4.317921	3.839204	4.622151	4.659688

1.849892	0.557617	3.47856	1.723636	5.105777	1.779107	2.457819	1.017795	2.156685	0.433843
1.364016	0.455748	0.029102	0.113703	-0.03005	0.167577	0.127353	0.377231	-0.03005	0.014529
2.266125	3.673447	4.605746	3.624695	5.306541	3.592285	5.075774	2.717067	4.107413	3.440949
0.301581	0.245019	0.245019	0.245019	0.245019	0.38247	0.356008	0.245019	0.356008	0.342592
0.639613	0.115314	1.099921	0.063654	0.127941	0.639613	0.165161	0.236797	0.225106	0.127941
6.410409	5.274916	4.049861	6.023791	5.40469	5.93114	5.656599	5.214385	5.472103	5.959681
3.545609	4.074343	3.529604	4.934258	3.996289	4.507324	3.978076	4.975134	4.580987	4.399788
2.875392	1.810834	2.688732	2.313509	1.775858	2.282484	2.918188	2.059454	2.274206	1.634468
0.982331	0.696744	2.746617	0.770119	0.537565	0.34873	0.925774	2.299855	1.071868	1.042644
6.508479	6.685494	8.142913	6.475773	7.443841	6.244607	6.035506	5.586653	6.158124	6.360941
0.498582	0.003635	-0.02556	0.003635	-0.02556	-0.02556	-0.02556	-0.02556	-0.02556	-0.02556
1.378948	2.633034	3.347774	1.555278	1.632798	1.341943	1.035949	0.446985	1.241718	1.094092
1.677478	2.983725	2.974351	2.97717	2.610617	2.294378	2.92376	1.776135	2.571416	2.307142
5.305747	4.63342	6.356522	6.825912	5.142921	5.329176	4.465138	5.505506	4.346045	6.346168
0.339347	0.088681	0.81886	0.278488	-0.11167	0.793347	0.080342	0.088681	0.206548	0.020081
0.990155	0.129091	0.31643	0.111924	0.02178	0.012341	-0.01647	0.00282	-0.04607	0.137575
3.488205	4.954539	5.094023	5.430157	4.281415	4.326814	4.448675	3.997808	4.980109	3.859511
7.25093	5.160391	4.65505	5.148343	4.91338	5.843575	5.188522	5.146664	5.076759	5.209092
0.725665	-0.03583	-0.01054	-0.03583	-0.03583	-0.04867	-0.01054	0.014279	-0.02312	0.038631
7.919676	10.92028	10.31766	8.084682	9.583597	7.58192	10.26153	10.06087	9.034362	8.788541
3.530461	4.974017	4.858313	4.329637	5.758619	4.012039	4.962984	4.562947	4.292978	4.400763
0.768421	1.611058	2.031014	1.244411	2.18022	0.654406	1.817425	3.048539	1.575249	0.479967
4.454183	6.045199	8.49746	3.301236	7.678946	5.852049	6.684449	3.64705	5.25573	5.737393
3.506641	3.99227	3.128161	3.757794	4.442585	2.938489	3.423128	4.118823	3.913077	2.647728
3.444219	3.639646	2.90842	3.627498	3.648107	2.739951	2.326153	3.473287	2.679338	2.778789
0.943843	1.702904	2.065901	1.08876	1.153332	0.906303	0.687581	0.922525	1.171207	0.856388
0.274879	0.754146	1.325517	-0.02435	0.09456	-0.02435	-0.02435	0.0168	0.026841	0.066071
0.645907	0.320025	1.172924	0.780797	0.582674	0.437037	0.739985	0.437037	0.07937	0.564086
4.578687	5.148673	4.744719	5.346279	4.887317	4.734894	2.829431	4.799523	4.260359	4.992109
3.027373	3.905973	5.727538	2.778311	4.064004	2.895671	2.652113	3.228286	2.369246	2.786055
1.656467	1.829654	3.027612	1.229783	3.471431	1.839325	-0.23285	1.691809	1.969362	1.448125
5.803719	5.94282	6.418176	3.657148	5.472995	6.097496	6.154249	5.409737	6.259122	5.936378
1.090662	0.2697	3.025646	0.608238	0.65825	0.315951	0.5256	1.849001	1.39182	1.37971
4.69774	4.291021	7.400926	4.424449	4.828728	5.923543	5.478036	4.001568	5.678401	5.852535
2.465392	1.379552	1.396306	0.676128	0.12836	0.451052	1.133783	2.061841	0.697668	1.940835
2.802732	3.397296	3.656142	3.232787	3.657613	2.602273	3.225933	2.820626	3.427796	2.470711
0.888475	1.946471	2.076191	1.746157	1.458452	0.965264	1.091969	0.833099	0.949483	1.703273
0.746565	0.842125	0.990325	0.554577	0.225268	0.058227	0.207845	0.401497	0.225268	0.445276
3.624057	4.528285	3.802071	5.564447	4.479581	5.540479	6.520284	5.213369	4.868048	4.54367
5.261035	4.771481	6.015133	5.458432	5.30513	6.249501	4.478907	5.069885	6.2	6.653508
0.929635	1.786373	1.582473	0.477355	0.593673	0.477355	0.261118	0.442174	0.833419	0.511634
2.618964	4.437929	6.743038	2.92517	6.266058	5.449645	4.690282	4.781555	6.167843	4.962307
7.076633	5.232614	4.923925	8.405206	6.029106	7.291506	5.909139	7.335185	6.939747	7.223966
0.830172	0.277648	0.066097	0.135427	-0.03661	0.32623	1.11123	0.568756	0.201729	0.64815
3.209931	2.839745	2.762448	2.854708	2.745228	3.222325	2.595178	2.751402	2.739026	2.58966
1.352096	2.857225	2.286479	1.518203	1.226832	1.992136	1.896087	1.527711	2.305638	1.797452
2.338402	2.0422	4.053763	1.677526	2.119587	2.635772	1.883889	1.592247	2.363473	2.50067

3.844404	3.569605	3.357524	4.599057	2.296102	4.716462	3.999614	4.039035	4.02816	4.541733
1.349311	1.234421	1.713083	3.20451	1.357451	1.878253	1.109055	2.41083	1.980009	2.255144
3.21239	1.279617	2.102172	4.113464	2.428196	3.939791	1.293938	3.165914	2.036011	3.923378
3.369892	4.150312	4.05383	4.027554	3.646587	3.039531	2.519404	3.648769	3.331286	2.986723
8.853637	7.873268	10.77432	7.465762	9.506291	8.835112	8.926557	8.773223	8.408265	8.865222
4.592938	3.554002	2.80922	6.190777	3.541136	4.315871	4.392097	5.116264	4.216135	4.090798
2.822318	5.677341	4.423587	4.639551	2.889463	2.977132	1.522228	3.768961	3.114878	3.119111
7.851858	5.761321	6.527894	8.355821	5.612677	8.266476	7.072261	8.119767	8.244347	8.884593
3.26397	4.402603	2.408415	3.847364	4.312973	4.054186	3.876877	4.106998	4.421531	4.989574
3.669942	3.828299	2.805607	3.914376	3.41693	3.558494	4.134589	3.453549	3.447304	3.208033
2.082973	0.503761	2.248775	0.35767	0.918964	1.127176	1.167111	0.774836	0.876743	0.282883
3.229287	3.14717	2.725372	3.040147	2.08369	3.434518	2.646325	2.662415	3.049852	2.83231
4.070975	3.294026	2.809754	3.993352	4.146761	4.339367	4.206031	3.201781	3.935354	3.709377
3.360999	3.782276	3.516174	3.137819	3.397256	3.111722	2.995424	2.742217	3.14106	2.700951
1.965782	1.026541	2.180998	1.054691	-0.05264	2.482841	2.230492	0.835517	2.380363	1.351757
2.165482	4.063006	3.59268	3.528949	2.917588	2.80804	2.388517	3.226192	2.798306	2.677798
1.411445	1.074343	2.252485	2.363769	2.035637	1.728872	2.113027	1.676833	2.068818	1.297
3.527362	2.463762	2.526036	2.781136	2.689649	2.34755	2.257416	1.996291	3.395516	3.018708
3.063679	4.99147	5.105256	2.945707	4.748846	2.963183	7.056434	3.727911	2.691709	3.325708
3.439233	3.741648	3.602162	4.571339	3.951111	3.435363	4.013693	4.137404	3.753649	4.004402
0.936844	1.894023	2.019481	0.92035	1.734631	1.138978	1.338434	0.469146	1.021473	0.840509
4.428721	4.362226	4.347861	4.574846	4.864101	4.00968	5.279656	3.827816	4.40486	3.945127
2.373395	2.828884	4.953436	1.851317	4.121573	2.433507	2.46396	1.285104	2.469424	2.307421
3.623654	4.478175	4.943438	4.616609	5.360989	4.492499	4.642122	3.752954	4.700423	4.659127
4.624484	4.814908	4.968161	4.178235	5.513826	4.861277	5.784238	4.780188	5.065989	4.527178
5.742097	5.540909	3.892358	5.557437	5.492734	5.107065	5.093228	5.479933	4.361361	4.325623
4.383313	4.630513	3.352233	3.737835	5.13407	5.021314	5.459731	4.500311	5.43359	5.276815
4.347054	5.239146	5.830148	4.847275	5.891715	5.001983	5.249024	5.19153	4.927323	4.9145
5.731906	4.83484	7.733184	5.231207	3.0758	7.214605	5.435722	6.403373	7.67476	8.302249
4.099784	3.472938	2.240578	4.593218	4.697803	5.506128	6.16156	5.789419	4.802033	5.526508
3.098568	3.88601	3.482502	3.535479	4.017758	3.689398	1.801749	3.191613	3.043978	3.144738
6.185478	7.16978	6.561427	5.429401	5.80484	6.665423	6.741566	7.714815	6.782941	6.867766
2.526535	3.574505	3.475578	2.745151	2.515523	3.233688	2.820417	2.741021	2.968673	2.746525
2.020886	2.959264	3.740603	2.485997	2.402138	2.468734	2.676931	2.330017	2.485997	2.494554
2.44768	3.057759	5.504744	1.629536	2.013992	2.64831	2.549469	1.889221	3.012876	2.765394
2.46955	3.301271	3.954914	2.328081	2.318801	2.362401	1.621185	1.602928	2.533743	3.163561
1.136895	0.810014	0.580363	-0.17122	0.022473	0.126896	0.453906	0.445051	-0.00184	-0.01416
4.572861	4.962994	5.044829	4.997053	5.777218	5.125472	6.099928	5.304408	4.850351	4.796098
4.416409	3.788046	4.436678	5.601098	3.600005	5.192733	3.342536	4.816329	4.672299	5.316911
5.26129	6.466174	5.852966	6.06412	5.359311	6.234737	5.645004	5.444367	6.099059	5.832348
0.60622	-0.075	1.182619	0.371356	0.383926	-0.075	0.052215	-0.075	0.052215	-0.075
1.992106	1.785164	1.680249	1.031897	2.122911	2.541696	2.723052	3.721322	3.355791	1.912314
2.655999	3.799046	3.599767	3.048495	4.028969	2.614745	4.71113	3.45472	3.586883	2.792229
2.473658	6.031202	6.382837	3.410287	6.452101	3.145761	3.157113	3.757105	2.549139	3.887847
2.090926	1.524601	2.112721	2.170254	1.319241	1.575017	1.501082	1.7802	1.641017	1.467491
3.209905	4.119192	3.862198	3.711497	3.520415	4.583957	4.321401	3.518867	4.498576	4.1321
6.408202	5.898836	5.84338	7.530582	5.580082	6.991512	6.594276	6.101445	6.857872	7.290906

2.702714	3.34956	2.982807	2.904286	3.285098	2.882837	2.642678	3.11685	2.840822	2.26876
0.699983	0.605181	0.587152	0.605181	0.303272	0.587152	0.657772	0.521942	0.568862	0.492929
4.095084	4.839496	5.096712	3.946281	4.436994	4.000245	4.341034	4.020059	3.6654	3.365752
2.852864	5.620177	4.161683	4.442264	2.889	3.598805	2.790307	3.411983	3.510727	3.396652
5.558665	1.865951	3.834067	1.165881	0.855744	3.758251	2.760364	3.691588	0.924562	0.951146
1.619982	1.797614	2.060702	1.442598	1.87249	1.45995	1.51414	1.753055	0.734777	1.1628
1.04932	0.018659	0.249154	-0.02722	0.027582	0.027582	-0.04619	0.144635	-0.02722	-0.03666
5.068162	5.898815	5.276818	5.289986	6.246725	4.521507	5.107826	5.277479	4.634378	4.281639
3.503067	5.129709	5.383596	3.334072	2.571158	3.685712	3.586681	3.454223	5.335558	4.697659
5.093948	6.114405	7.045336	5.561977	5.555647	6.105616	4.646502	5.372558	5.443429	5.612051
3.961249	5.058956	5.968983	5.48198	6.464905	4.416315	5.770901	5.254198	4.730536	6.140872
3.767067	3.239149	4.234091	3.130615	3.586995	2.469993	2.276754	3.471531	2.945319	2.24184
2.3579	3.120063	3.476212	3.517326	3.6947	3.213188	3.202477	3.452963	3.007013	3.394712
3.354425	3.430062	3.676254	3.590479	3.947202	3.395555	3.86303	3.746636	3.296589	3.191638
0.686612	0.00354	0.310266	2.592146	0.048892	0.206059	-0.06762	0.999264	-0.06762	0.977723
3.032123	0.420678	0.120962	0.13808	0.086216	1.239899	0.726018	1.48552	0.376627	0.300659
0.800668	1.448679	2.401151	2.376127	2.04701	1.443494	1.464112	1.034412	0.725966	0.983527
1.090956	4.376268	5.154714	0.775812	3.981888	0.020494	1.36037	0.438326	0.392647	0.958367
5.987998	5.490402	6.589709	6.298057	7.296031	6.731697	6.293347	6.019687	6.113551	7.239553
3.455773	3.45018	2.886888	3.114623	4.070294	2.896232	2.68361	2.954993	3.633104	2.996152
4.997701	3.867554	3.941676	4.809513	2.838431	5.562196	4.789219	4.285667	5.258839	5.024332
2.977719	4.155346	4.259642	3.069449	4.217782	3.100332	4.197244	3.933088	3.119869	3.042487
3.006912	2.776231	2.531879	4.170312	5.264089	3.442596	3.378487	5.095893	3.699133	2.483922
3.358823	1.885452	3.604319	2.528943	3.521195	3.144069	2.18448	2.324753	2.684072	3.325339
5.790396	4.522662	3.744889	5.849807	2.970999	5.103926	4.456247	6.142242	4.180255	5.192537
3.314091	6.658362	3.59606	3.572452	3.113816	5.705047	4.348353	3.821761	4.471395	5.201682
2.013484	2.881347	2.945491	2.430273	2.486371	1.770744	3.073577	2.883678	2.381631	1.990637

CGGA_66	CGGA_67	CGGA_67	CGGA_68	CGGA_68	CGGA_69	CGGA_69	CGGA_70	CGGA_71	CGGA_72
0.84544	0.289836	0.435926	1.226806	0.40488	0.710716	0.458724	1.180668	0.105043	0.614486
1.436103	0.918638	2.170439	1.895756	0.427119	1.683924	2.165996	1.638547	0.595057	0.658128
6.315127	6.292397	4.998206	4.710687	4.76878	5.317326	5.486109	5.065069	6.441451	5.667941
3.482383	4.166815	4.240663	6.831881	3.117825	2.981773	5.176775	4.598148	3.961374	4.723607
0.611068	1.190167	1.125346	1.503081	1.311086	0.724569	1.162771	1.756501	1.243334	0.367153
7.188435	6.626039	6.686914	6.804374	7.553781	6.973406	6.637868	6.849056	6.361466	6.152355
5.832647	5.45935	5.471711	5.204114	6.103886	6.299841	5.045276	5.592505	5.409665	6.168756
1.656086	2.278647	0.905896	1.356015	1.661075	0.235382	0.923759	0.896871	2.938698	0.954429
-0.00328	0.178694	0.083942	0.083942	0.178694	-0.00328	0.050045	0.236816	0.058638	0.271353
6.367814	5.61692	6.030958	5.559366	5.703963	5.429837	5.145465	5.780233	5.740902	5.174372
5.045382	3.371973	5.004392	4.860835	4.83943	4.358197	4.583521	4.106234	3.971465	4.07172
3.479258	4.10953	3.271722	3.013988	4.33484	2.950379	3.331348	2.683292	3.616883	2.748178
2.125483	1.185649	1.808253	1.899475	1.216277	2.835791	2.128326	2.37995	1.572415	2.150892
3.448054	3.137471	2.46772	1.432205	3.380163	3.509944	2.46772	2.337561	3.210165	3.282261
3.872386	4.842652	5.275098	6.026279	5.874801	4.972646	5.064685	5.129531	3.992295	5.393026
2.602296	3.380719	3.152104	2.819398	1.735491	3.187024	2.696014	2.793673	2.649775	2.402822
0.945139	0.521393	1.034602	0.604781	0.969887	1.432026	1.743253	1.096014	0.480058	0.340903
8.194019	7.549691	7.535313	7.785794	7.894021	8.592819	7.680185	8.340794	7.587901	7.731123
4.86711	5.115043	5.875676	6.022772	7.062822	4.745387	5.540387	5.452898	4.576528	4.614457
3.350723	3.47667	2.947944	3.972366	4.176221	3.924229	4.270031	3.992232	3.109019	3.029836
3.339868	3.031469	3.878735	2.950899	3.5646	3.053403	3.470202	3.055221	2.370023	2.744076
3.642182	3.897507	3.291796	4.893921	3.497405	2.814177	4.064714	3.788017	2.998355	3.990304
2.801028	3.381512	2.77324	2.788252	2.566921	2.811613	3.279288	3.204614	3.146692	2.552528
0.089091	0.197817	0.403924	0.231952	0.366971	0.117221	0.265131	0.566844	-0.00981	-0.0843
3.553789	4.108865	3.073768	2.824888	2.262521	2.928533	3.265153	2.599953	3.678185	2.775582
2.864796	2.843504	4.153502	2.661454	3.059456	3.887461	3.228032	3.431952	1.71761	1.849532
0.969442	0.394868	0.619583	1.344407	0.549416	0.902103	0.912721	1.66915	0.505179	0.93367
4.881573	4.113274	4.735767	5.255033	4.272464	4.005837	5.10595	5.059248	3.797892	4.717806
3.291051	4.993227	2.47887	2.447768	3.231619	1.52143	2.382039	2.175987	5.295398	2.05684
4.63439	4.013504	4.440663	4.661395	5.531483	4.179559	3.956398	4.542583	4.279819	4.054335
1.531487	1.058529	1.321023	2.850364	0.790964	3.120178	3.572153	2.893872	0.27017	1.929798
5.306613	5.533934	4.600681	4.015112	4.021831	3.995263	4.219664	4.216448	5.306167	4.620523
4.769116	5.063352	5.22009	5.44826	4.420145	4.774572	5.435498	5.204602	4.621185	5.550047
2.5481	2.372431	2.734289	2.367004	3.314221	2.212071	2.486916	2.695918	2.536071	2.124603
2.260583	3.383971	1.931196	1.908905	3.34174	2.70054	2.524811	2.20367	3.71658	1.794251
2.314134	2.017615	2.340986	2.855496	2.500755	2.495181	3.179131	2.909615	1.618846	1.834776
6.089941	5.331965	5.213682	4.779367	5.44028	4.824331	4.995349	5.43295	5.977827	4.64771
4.154609	3.232379	3.461162	3.501039	3.868311	3.984138	3.613686	3.37756	3.575081	3.843133
3.98168	3.91293	4.980895	5.366548	4.64778	4.656227	5.318842	4.861309	4.274871	5.175265
-0.05077	0.031469	-0.08958	-0.05077	0.155189	-0.08958	-0.06033	0.4259	-0.06999	-0.06999
-0.05694	-0.06758	-0.0464	0.241765	0.686372	0.092303	0.359841	0.404017	0.534112	0.615678
2.960232	2.696644	2.301186	2.10895	2.539332	2.919639	2.364238	1.936692	3.450735	2.13986
2.051748	1.259687	1.967555	2.624362	0.492432	4.3348	3.341251	3.424167	0.780538	2.19635
0.925785	1.421995	1.954198	1.654592	1.045235	0.370448	1.054328	0.408492	0.665746	1.848963
1.775314	1.130294	0.73068	1.096667	1.270217	0.275133	1.220773	0.806148	2.291942	-0.09985

9.563768	8.741245	9.074016	8.972718	8.672488	11.73549	9.789466	10.97305	8.965726	9.542967
7.160719	7.118822	6.751627	6.002295	6.535033	4.690399	6.063935	5.330956	7.35535	5.691806
4.911834	5.469397	3.856047	3.3071	4.436145	4.545468	3.529266	3.669358	5.192074	2.734488
0.425423	0.327711	0.951347	1.166646	1.361206	0.607163	0.749456	1.762613	0.196148	0.23874
0.921982	1.322789	0.533733	0.641525	0.408038	0.866505	1.139494	0.442694	0.847505	1.340737
1.556483	0.482917	0.590848	0.69125	0.968599	0.249429	0.337909	0.879773	0.155154	0.99904
1.651758	1.643028	2.156775	2.091162	2.805373	1.784932	2.064971	2.476304	1.645944	1.185803
4.817871	5.15121	4.290571	4.011185	3.790837	4.378608	3.380607	4.125799	5.163405	3.968219
3.907229	4.191431	3.82735	3.471625	3.915691	4.407382	3.82648	4.440122	3.771988	3.982531
-0.08933	-0.08933	0.187463	0.16532	0.23029	0.706337	0.317067	0.251015	-0.01463	0.07951
0.234767	0.051794	0.09474	-0.03861	0.420022	0.234767	0.22525	0.369732	0.290447	0.411774
5.366467	6.050651	4.501254	6.740998	3.783288	8.454192	7.642338	8.964903	6.491584	7.036212
9.060181	8.812638	9.144112	9.048044	8.990386	8.339064	8.510266	9.191505	8.530894	8.871435
3.879823	4.651468	4.203249	3.177368	3.637162	3.22016	4.250535	3.90708	4.754452	2.935504
0.9613	1.120603	1.310806	0.940468	2.297367	1.451451	1.307643	1.422773	0.623432	1.53654
5.427886	5.357471	4.71088	5.67774	5.103781	5.753012	3.636818	5.075078	5.614877	5.558468
2.380617	1.461859	0.36724	0.133767	0.706096	4.278316	1.55013	1.348758	1.352447	0.318889
3.877446	3.636346	3.176763	3.294169	3.65601	2.853527	3.176763	2.506098	3.577803	2.888368
2.237542	1.788863	0.722417	0.637145	1.489279	1.039374	1.592111	0.497583	2.43221	1.796549
8.517657	9.435119	7.737185	7.762695	6.426482	7.135096	7.659729	7.341495	9.101945	8.676291
3.457236	2.822358	3.409606	3.474533	3.677704	2.250508	3.39169	2.420664	2.355201	3.413797
3.176919	3.406219	3.94317	3.932206	3.904962	3.675416	3.793931	3.351592	2.794897	2.944402
1.135515	0.267946	0.442529	1.472211	1.123281	0.499575	1.079655	1.041219	0.518116	1.655011
5.098145	5.913205	5.104358	5.033105	5.207894	4.714995	5.539716	5.26995	4.914342	4.735178
4.015181	4.861515	3.507907	3.26187	4.226015	3.293719	3.626088	3.249209	5.106003	3.28807
0.927522	1.128519	2.050971	1.87114	1.655541	3.050831	3.030657	2.703833	0.901159	1.266508
2.364589	2.662559	2.666369	2.687195	2.154034	2.217209	2.841092	2.604502	2.711526	2.4236
5.68238	6.246922	4.071749	3.334436	4.830701	3.636096	3.918456	3.747953	7.112466	3.863054
6.282278	5.722481	4.580299	4.092232	4.793381	4.442651	3.89405	3.751305	6.205097	5.078583
3.461562	3.416066	2.062813	2.581191	2.625947	5.610956	3.165964	5.05254	4.203584	5.510153
2.960642	2.467166	2.592492	2.698153	1.347869	2.893916	3.179026	2.900704	2.07626	2.346228
2.26163	2.110194	2.472845	2.366705	2.657679	4.394313	3.199495	3.275904	1.532615	2.761339
2.467941	2.668407	2.790989	3.269112	3.13544	1.801035	3.440794	3.272829	2.104884	2.460298
3.845192	4.001821	4.019138	3.357559	3.638323	2.50205	3.179471	3.30101	4.29092	2.631485
2.922056	2.252611	2.243458	1.501259	2.672743	1.665566	1.853308	1.324404	2.5908	2.085384
4.776016	3.047879	4.104967	4.353477	2.920453	3.247049	4.282481	3.459071	2.527603	4.543753
8.155985	6.598832	6.661168	6.749636	7.085343	8.643535	6.693063	7.066615	7.495777	7.146079
0.921157	1.595097	0.886856	1.429274	0.733069	0.987386	1.390745	0.974383	1.803436	0.612127
5.753886	4.980354	5.578566	4.986708	5.930541	5.736317	5.252527	5.518847	4.772418	4.604244
0.403112	0.608031	0.587739	0.779207	0.556775	0.426058	0.62805	1.049623	0.403112	0.916444
3.710258	3.70064	3.746616	3.660872	3.557879	3.023242	3.632169	3.780719	2.62818	3.359441
3.288579	3.476981	3.118223	3.007998	2.644984	3.482524	3.411897	3.122401	1.228706	3.948729
1.927998	1.519098	1.875428	1.94793	1.910689	2.340959	2.105719	2.510822	1.522911	2.118324
3.127386	2.002521	2.98937	3.004874	3.77619	2.525318	2.808793	2.831291	2.128292	2.606747
4.696713	6.312029	4.998087	3.858078	5.437719	4.245526	3.433703	2.450245	3.026455	5.340712
-0.10886	0.304486	0.018674	-0.04323	2.63926	1.000084	0.018674	0.077257	-0.09924	-0.24231
2.631643	1.490246	2.007985	2.379727	0.897603	3.92509	3.468835	3.718917	0.799445	2.281642

0.278915	0.019674	0.950746	1.474986	0.005468	0.609336	2.287258	0.988475	-0.05273	1.374465
3.322072	2.181499	2.8879	2.780635	2.547364	5.013927	3.890116	3.785571	1.858227	2.855358
2.480376	1.60897	1.484145	2.443078	1.175714	1.011972	2.182312	2.152646	1.674037	2.325901
4.156047	3.476757	3.700698	3.880491	3.763788	2.75371	3.590874	3.325515	4.041139	3.20086
1.979107	2.851017	2.807479	2.823782	1.570117	3.300846	3.283846	3.186135	3.214071	2.937186
6.071091	5.581726	5.745007	6.833722	6.026099	5.275422	6.721944	6.471841	4.61468	6.974055
2.281508	1.520554	1.607562	2.459931	1.260185	3.867725	3.76754	2.358693	0.683514	1.783449
6.263762	7.255506	7.630633	7.46393	6.460627	6.800952	7.034727	6.859913	6.588295	7.165664
1.747569	1.784007	2.685419	1.551977	1.850105	3.930721	1.367734	2.017146	1.341793	2.122163
2.108193	1.74745	1.365174	2.475892	1.075226	2.223598	2.435939	2.547497	1.581508	1.926285
2.302506	2.974746	2.977179	3.591668	3.565539	3.031	2.828379	3.595009	2.547386	3.362304
0.061892	-0.06362	0.175537	0.374937	0.051008	0.32375	0.135443	0.279365	-0.06362	0.093966
8.233152	9.140796	7.355133	6.449285	7.633518	9.044132	8.010231	7.399893	9.00497	8.380008
4.412939	5.406347	5.089825	4.369425	5.132631	4.105153	4.568665	4.321643	5.366563	4.042796
2.091617	2.133476	2.901793	3.180766	2.447131	2.172044	2.639874	2.721319	1.914267	2.390791
0.273535	0.544883	0.42508	0.190777	0.58519	0.600978	0.998423	0.662324	0.569213	0.3324
3.501424	4.508064	4.978842	4.567757	5.962928	3.132651	4.053924	4.025015	4.338921	3.839311
2.076602	0.711689	0.657205	1.541094	1.822334	2.483469	2.181004	1.512009	0.863002	1.396954
3.086175	3.010816	1.845065	3.225327	3.450912	2.233443	2.69247	2.298332	2.971959	2.189757
2.674222	2.58786	2.993791	3.023888	3.35848	2.969021	3.256736	3.35848	2.431095	2.640573
0.169276	0.245022	0.169276	0.146793	0.510153	0.015621	0.202283	0.169276	0.584994	0.255489
-0.03658	-0.01281	-0.0011	0.182302	-0.03658	-0.0011	0.088705	0.202147	-0.03658	0.141602
3.941984	4.486544	3.587608	3.449883	3.03405	3.988119	4.466758	3.540504	2.964163	3.261353
4.059075	3.619943	4.272558	3.549778	3.280966	4.186774	4.271697	2.990108	2.928819	4.104589
1.874069	3.407751	2.777497	5.030099	1.53013	4.32298	3.899691	3.279508	2.30477	4.063068
2.887288	2.922799	3.115645	3.653097	3.460198	2.844979	3.334654	3.336219	2.48638	2.879303
4.001449	3.392352	3.653961	3.283468	2.538547	4.802733	4.448696	3.695527	3.103734	3.417623
7.587616	7.570159	6.880732	7.296087	5.647165	7.070314	6.485287	7.690958	6.732493	8.167893
0.321847	-0.05137	0.001301	0.043869	0.01574	-0.04363	-0.08309	0.090855	-0.02085	-0.08309
0.40611	0.918297	0.504923	0.57943	0.597479	0.734363	0.85952	0.514447	0.395851	1.055664
3.310415	3.377868	3.40518	3.470901	3.548474	2.980547	4.021415	3.541414	1.802647	3.809127
6.688003	7.842284	5.523098	7.248568	6.145302	7.28221	6.571371	7.697427	7.855965	6.755381
-0.04459	0.171262	0.120151	0.080636	0.053701	0.256707	0.208481	0.392698	-0.03015	-0.03015
0.306749	0.874265	0.833199	0.116311	2.013361	1.242226	-0.00155	0.376868	0.659659	0.028996
3.682388	3.854903	3.993714	3.926449	4.456443	3.643884	4.022496	3.525783	3.412588	3.988487
6.299256	6.347775	5.620868	5.540072	5.810608	5.856779	5.825339	5.206191	6.470299	6.177857
5.878029	5.619055	5.693196	5.147987	5.743997	4.646432	5.202233	4.359352	5.551093	4.631621
4.780704	4.409954	4.696614	4.332298	3.992685	4.065944	4.023102	3.986534	4.563838	5.996521
4.406393	3.900708	4.121657	3.824379	4.333072	3.268902	3.564052	3.765284	3.41877	3.937699
1.013164	0.781502	0.73605	0.676622	1.273937	0.520247	0.499137	0.718537	0.851774	0.971319
2.6888	2.669198	3.889877	4.541925	4.994303	6.679108	3.499412	3.640642	3.588014	2.733589
0.042884	0.100516	-0.04249	-0.04249	0.006998	-0.04249	-0.01751	0.15563	0.100516	-0.04249
4.542226	4.595271	4.536618	6.114663	5.087751	6.40252	5.255481	4.054724	5.095314	4.536107
4.0016	4.044924	3.702068	3.592821	4.87608	3.757787	3.505736	4.432542	4.079515	3.026565
4.24434	3.69085	4.567169	4.189403	5.002239	4.809636	4.66909	4.083164	3.108945	4.054455
3.171246	3.048555	3.236786	3.537309	2.722809	1.43364	3.541159	2.993621	2.232108	3.202764
4.736431	4.303873	4.174607	4.278311	4.995554	4.390628	4.045287	4.510363	4.231233	3.76122

2.437294	1.894105	2.441881	1.326804	3.288158	0.523325	2.600018	1.719861	1.180571	1.658074
0.725271	1.007868	0.071996	0.551041	0.014529	-0.03005	0.601491	0.113703	0.734385	-0.03005
4.045576	3.29094	4.244648	3.671566	4.742373	3.699555	3.607104	4.308831	3.118827	2.444799
0.446576	0.287647	0.342592	0.287647	0.245019	0.245019	0.301581	0.287647	0.287647	0.245019
0.089719	0.401517	-0.00368	-0.00368	0.741119	0.271305	0.165161	0.304994	0.924663	0.236797
6.310107	6.236528	5.792138	5.467076	5.632191	6.944983	5.804775	6.287702	5.654408	6.729041
4.443629	3.941491	4.395004	5.109932	4.508695	4.016643	4.579679	4.239678	3.201222	3.723532
2.082454	2.668764	2.59525	2.537152	2.937032	1.514774	1.992179	1.586719	2.737454	1.822303
0.339081	1.544927	0.791413	2.398857	1.024817	1.018825	1.515582	1.330377	1.245906	0.826211
5.659405	6.413171	5.940761	5.360841	6.094127	6.974232	6.050371	5.960333	6.137905	5.65788
-0.02556	-0.02556	-0.02556	-0.02556	0.031994	0.225968	-0.02556	0.194855	0.003635	0.003635
0.428964	0.971923	1.151953	1.091511	1.430424	2.219994	1.270919	1.685419	0.537313	0.533165
2.508926	2.104363	2.673934	3.540801	2.995829	2.943993	2.570213	3.5328	1.220885	2.486288
6.065915	4.745859	4.307871	4.608908	3.942636	5.822899	4.991051	4.854377	4.959269	7.384974
0.046324	0.775994	-0.10171	0.002222	0.319442	0.096955	0.080342	0.396934	0.339347	0.235906
-0.01647	0.049614	0.170864	0.049614	0.058736	-0.0765	-0.02625	0.6156	0.103237	-0.02625
3.727413	4.02588	4.75398	4.456204	4.406435	4.476849	4.479903	5.239569	3.605459	2.741301
6.485768	7.134548	5.466962	5.329024	5.734677	5.31775	5.188851	6.200375	7.495501	5.292202
-0.04867	-0.04867	0.050638	-0.01054	-0.01054	-0.03583	-0.02312	0.66743	-0.03583	-0.01054
9.257119	7.767983	9.054687	9.076475	10.4581	10.01401	9.696864	9.826239	7.478461	7.945047
4.824519	3.496196	4.69115	4.717225	5.121692	4.20919	4.721456	4.598518	3.38428	4.383246
1.142251	2.320639	1.923886	0.137438	2.117965	2.313479	1.917986	1.078231	0.284445	-0.16805
6.480887	4.875461	4.419335	5.204117	5.484909	7.796584	5.47128	5.212328	5.027793	5.919289
4.491326	3.426897	4.180491	3.895841	4.03191	3.252951	3.764026	3.82015	3.261242	2.057905
2.296329	2.861411	2.952706	3.768784	2.683178	3.42013	3.980712	3.772196	3.086501	3.070637
0.91714	0.943843	1.360841	0.98033	0.719378	1.978252	1.305996	1.406076	0.641719	1.22766
0.006662	0.006662	0.0168	0.0564	0.131381	0.0168	0.036787	0.242837	0.036787	-0.02435
0.997104	0.663476	0.275003	0.487236	0.866711	0.395578	0.628122	0.554701	1.857644	0.57341
3.677478	3.875412	3.459503	4.0421	2.888748	5.714277	5.34415	4.917662	3.472253	3.727853
2.961872	2.44891	3.208571	2.385448	2.969484	1.898088	2.615873	2.344927	2.864534	2.78826
2.028032	0.725505	1.57983	1.877479	2.231965	3.557459	1.53064	1.476066	0.003759	2.219088
5.152596	4.873397	5.525345	6.180458	4.427656	5.614362	5.504066	5.210549	5.087389	5.401868
0.5256	1.06001	1.846158	-0.17378	0.462069	3.952536	0.315951	0.804109	0.088313	-0.12208
4.626745	5.155444	6.274352	4.268979	4.785936	4.132404	4.279784	4.162046	5.206244	4.993301
0.588265	0.610491	0.904387	2.240221	1.096837	0.30674	0.802942	1.651516	0.427513	1.494766
3.448475	3.068943	3.189673	3.253248	2.762555	2.840375	3.210451	2.969229	3.285344	3.054392
1.507813	0.331485	1.242172	1.769136	1.939258	0.824359	1.070517	2.139448	0.556611	1.01899
0.99927	0.017621	0.308682	0.501205	0.599355	0.701446	0.126056	1.558439	0.135432	0.371371
6.15643	4.789789	5.981324	4.801174	5.488871	3.77902	4.347464	4.427744	4.383714	3.650959
5.420872	4.905557	4.975557	4.916941	4.413429	6.751178	5.516824	5.856928	4.720806	6.953311
0.281373	0.098551	0.52845	0.569586	0.311192	1.500242	1.13039	1.167162	0.165968	0.219663
3.951391	3.877616	4.265667	5.222407	4.475144	5.6625	3.386853	3.727353	4.513954	3.512429
5.909139	7.550106	7.32785	7.611929	5.332478	6.831946	7.459882	7.277565	6.356077	7.074325
0.57891	0.441291	0.188698	0.64815	2.600196	-0.03661	0.75996	0.188698	0.95366	0.705084
3.293644	3.106634	3.155538	3.135055	2.414709	3.063881	3.019787	3.201011	2.768547	2.851269
2.024778	1.307938	2.107994	1.642451	1.701743	3.052598	2.438594	2.526032	1.123125	1.401774
2.257109	2.084055	2.232902	2.486967	1.636813	2.97723	2.183068	1.845193	2.242033	2.622323

4.072399	4.451516	4.068662	4.106193	3.491464	4.265438	4.232028	3.866226	3.652027	4.962904
0.596659	1.60218	2.822091	1.571262	2.759091	2.706831	2.319144	2.356948	0.823768	1.170843
2.937935	3.556561	3.288196	3.380087	1.553735	1.846141	3.113903	1.312812	2.684417	4.775784
2.422759	2.765567	2.859358	3.524699	2.573796	3.30508	3.745295	3.873798	2.383478	2.356803
8.371205	7.983862	7.389829	9.11378	8.254756	9.501235	7.920491	9.191942	8.241606	9.043758
4.317871	4.429216	4.553101	5.057429	4.263674	4.17591	4.912295	4.367731	4.332464	3.922092
2.617954	2.356926	2.778883	4.01425	1.756559	3.744458	4.379528	3.699141	1.332277	3.145288
6.890424	8.993667	8.423853	9.106914	6.611692	7.889275	7.547962	7.927812	8.289925	9.541939
4.968899	4.654148	4.864614	4.558076	3.22401	3.138428	4.411701	3.844272	3.654167	3.955169
3.426494	3.666209	3.269181	4.044998	3.396303	2.25768	3.57114	3.323635	3.4641	2.705429
1.472911	1.907361	0.582693	1.275611	1.566943	0.402344	1.005123	0.982692	1.566943	0.063619
2.967328	3.474416	3.15935	3.747756	2.431961	2.623962	2.894945	3.604494	3.124105	2.492412
4.773036	4.362474	4.509097	3.538134	2.514502	3.337488	3.752439	3.238123	4.063952	4.752015
3.028076	3.211144	3.325612	3.237626	3.309198	2.385406	3.291148	2.761595	3.13944	2.626272
1.734301	2.195316	2.392811	1.524801	2.019202	2.135297	1.616107	1.663537	1.799347	1.364614
2.891599	2.460133	2.831419	2.750108	2.975708	3.807961	3.479307	3.16083	1.89826	2.366347
2.053817	1.42905	2.020335	2.286917	2.470459	0.798382	1.885949	1.489251	1.535076	1.393652
3.616487	3.331103	3.235508	3.419975	3.147396	3.277663	3.765888	3.640659	2.914867	3.31672
2.434031	2.668868	2.137643	2.778637	2.281645	3.465854	4.956272	2.101188	4.048505	3.871077
3.698322	3.753649	3.982593	3.583953	3.342699	4.018326	3.951111	4.341185	3.314437	3.394373
0.840509	0.380349	0.834616	1.242494	1.424066	0.931369	1.05185	0.963882	0.507603	0.530147
4.771743	4.366519	4.326168	3.945965	4.695733	4.536209	4.737745	4.34714	4.463426	3.89865
1.527002	1.499374	2.001885	1.787419	2.17686	4.998168	2.571788	2.255739	1.601488	1.874786
4.708952	4.073973	4.19986	4.006212	4.211577	5.106976	5.028808	4.592695	3.510171	4.118447
5.216841	4.723199	5.036084	4.886838	4.936465	4.957661	4.215752	4.917979	4.946365	5.170062
5.475135	5.432242	5.425063	5.263526	5.126949	3.976013	5.248403	4.17756	5.080926	4.851834
4.053412	4.316862	4.924424	4.487284	4.773129	4.299193	4.354456	4.203206	4.421503	5.035238
5.504485	4.637226	5.348899	5.333391	5.713328	5.087317	5.199631	4.912745	5.002541	5.116534
6.426031	6.927929	6.586819	6.517522	3.931997	7.549562	6.280513	7.327677	6.59088	8.877689
5.508528	3.436726	4.996878	5.036664	4.801674	3.665505	4.379521	5.590275	4.464445	4.497752
2.364283	3.045821	2.592233	4.608533	2.366846	3.165703	4.009694	3.244151	2.690849	2.671057
4.779388	5.174805	6.205619	7.951559	4.825926	5.57176	5.881857	6.062588	4.614479	6.335374
2.498069	2.283877	2.952972	3.228555	2.805899	2.110006	3.659171	2.434669	2.60763	2.523396
2.498815	2.106518	2.505182	2.35132	2.4817	2.684454	2.281547	2.632918	1.829786	2.152929
2.184484	1.845888	2.33179	2.275997	1.968251	2.941579	2.510399	2.850532	1.908585	2.62702
2.002783	1.856714	1.866059	2.23025	1.75341	3.313659	3.084186	2.325766	1.799445	3.095572
0.547754	1.374202	0.022473	0.265064	0.213539	0.034472	0.761383	0.588397	0.710983	-0.17122
5.667349	4.665899	5.467897	4.973452	6.084237	4.765226	4.490916	5.199479	5.281387	4.588595
4.212523	4.690307	4.402969	4.173887	3.535644	5.140526	4.532212	4.630979	4.064392	5.377443
5.623288	5.428814	5.929071	5.327056	5.851125	5.817948	5.619449	5.825962	4.974134	5.398003
-0.075	0.184527	0.383926	-0.075	0.06745	0.371356	0.141589	0.280579	0.036838	0.06745
3.986599	1.306348	2.768856	2.147949	1.839457	2.802758	3.241466	1.71262	2.536044	3.190202
3.542454	2.540477	3.254887	3.952658	3.404451	3.311899	3.091811	3.842828	3.355807	2.999068
2.889268	3.175607	2.979175	3.901851	4.555747	6.061818	4.526074	4.523613	2.141555	5.251479
2.504739	1.588464	2.016877	1.529258	2.033304	1.973259	1.529258	2.033304	2.084638	1.720462
3.327984	3.436796	3.878027	4.156535	3.794982	3.054644	3.760584	3.617303	2.670278	4.260472
6.154403	6.71248	6.781852	6.596585	6.400042	5.915173	6.733557	7.418594	5.813405	5.032789

2.678576	2.861117	2.954377	3.166826	3.547729	2.719228	2.548498	2.409949	2.611855	1.604941
0.550302	0.268695	0.818754	0.764715	0.870574	0.314591	0.521942	0.63175	0.596198	0.443041
4.449019	4.366104	4.206447	3.931085	4.34213	4.89659	4.042212	3.780047	4.999983	3.724581
3.244927	3.336127	3.53513	3.901563	3.02628	3.773873	4.476456	3.529732	2.444869	2.404509
4.425041	6.186264	2.179401	0.88369	3.533141	0.968585	2.554469	0.717188	6.591015	1.120136
1.671677	1.494052	1.65061	1.864647	0.864368	2.229617	1.963485	1.507475	0.96428	0.683083
-0.06554	0.062481	-0.06554	-0.00861	0.167992	-0.06554	-0.06554	0.283928	0.405819	0.128748
4.636745	4.543066	5.019219	5.345527	5.505388	5.316034	5.736569	5.541078	4.693522	3.843095
4.829935	2.912635	3.297464	3.435008	3.020612	6.36764	4.820667	5.4299	2.815405	4.424968
5.138375	5.947589	5.848546	5.53945	5.739852	5.871105	5.526327	5.935148	5.34169	5.72412
5.06641	5.261955	5.976081	4.404186	4.834195	4.517538	4.864983	4.061025	5.218098	5.535901
2.780964	2.874039	2.285396	3.498914	2.613144	4.104914	3.664793	3.716902	3.812536	2.72527
2.645899	2.760764	3.107372	3.486578	3.182221	2.811425	3.311915	3.052789	1.947117	3.327024
4.004113	3.376826	3.65691	3.710671	3.98928	3.421525	3.564025	3.461565	3.779184	3.064223
0.11407	0.389688	0.423478	1.201538	-0.10473	0.464511	0.310266	1.331756	0.048892	2.187754
1.942212	3.21535	0.75022	0.316118	0.449443	0.155033	1.146547	0.300659	3.855562	0.155033
0.707743	-0.54601	1.54585	2.116789	1.037971	0.344696	0.895326	1.564911	-0.00144	-0.09183
0.385975	0.582781	0.352039	0.962486	1.300088	1.306256	0.854947	1.159056	1.064845	0.766145
6.457995	6.397859	6.781346	6.09399	6.258066	5.731495	5.90854	5.503693	5.541375	7.534186
3.743297	2.602872	3.307837	3.866843	3.471073	3.750505	3.30331	3.277455	2.947745	3.654643
4.11836	5.217519	5.130869	5.470168	4.317808	3.551856	4.429251	3.730142	4.743487	5.179292
3.11879	2.646468	3.443425	4.02676	4.067455	3.389826	3.370627	3.477311	3.256184	3.302004
3.538076	2.972286	3.23001	3.410283	2.988245	2.821451	4.642498	3.800355	2.602263	2.962052
3.436884	3.605104	3.53111	2.674102	3.096882	0.925631	2.64962	2.038918	2.966338	2.66263
4.560379	6.494415	6.00014	5.597644	4.155974	4.981125	6.080999	4.852869	5.742663	4.202113
4.507101	5.262938	5.138126	4.087647	5.41144	3.8899	3.975347	4.038938	4.548411	6.420772
2.393916	1.834578	2.3348	3.020416	2.829288	1.951898	2.518065	2.412186	2.38471	2.306102

CGGA_75	CGGA_75	CGGA_76	CGGA_76	CGGA_78	CGGA_81	CGGA_81	CGGA_81	CGGA_83	CGGA_83
1.302759	0.163351	0.856508	0.473698	1.036078	1.235017	0.364976	1.37076	0.566962	0.673092
1.436103	1.9227	1.690283	1.011209	1.193004	2.136753	1.730898	3.062231	0.623455	1.238186
5.572087	4.854206	5.373228	4.653844	5.49971	6.176954	5.645872	5.740535	3.653224	6.3346
3.286402	2.862305	3.470898	3.950336	4.082698	4.022565	3.544949	4.486504	3.946639	4.03196
0.840975	1.323416	0.298531	1.011525	0.509779	0.424439	1.011525	1.421976	1.589646	0.392005
6.64749	6.920405	6.103401	6.513653	6.86428	6.901488	6.301316	6.797056	6.856527	6.493832
5.422179	5.674138	5.775605	5.140888	5.735567	5.799707	6.098306	6.154586	5.161361	5.951328
1.656086	0.664019	1.017772	1.219345	0.831839	0.807786	0.625399	2.220549	0.399252	0.896871
0.163568	-0.00328	-0.00328	-0.00328	0.083942	-0.00328	0.132544	0.421092	-0.00328	-0.00328
5.343717	5.57409	5.375655	4.610925	5.689291	5.085333	5.382851	4.657338	6.014421	5.722054
4.01278	5.102189	4.787015	3.957837	4.00028	4.796045	4.292479	3.630513	4.32478	4.724169
3.060613	2.918505	2.590987	2.907212	2.648068	2.778015	3.472206	4.063698	2.377579	2.657405
2.111188	2.507916	0.802622	2.302986	2.205939	2.882336	2.791576	1.419978	2.31313	2.266962
3.311766	3.486437	2.859463	2.548703	3.029501	2.726353	3.50293	4.518285	3.060094	3.155236
5.945372	5.548833	4.727791	4.928811	5.187487	5.800899	5.42086	5.286513	6.710511	5.899462
3.400443	2.464228	2.33025	2.230986	2.925138	3.100578	2.559434	2.798848	4.523755	3.130817
1.373414	0.856207	0.490526	0.646696	0.292746	1.427249	1.893594	1.763332	1.675098	0.660349
8.011246	8.197823	7.107286	7.006541	8.213351	8.084833	9.006824	9.331079	8.491878	7.738806
5.065722	5.175103	4.201045	5.393078	4.754161	4.581958	5.16278	4.883791	5.851795	4.709451
3.346408	4.132051	2.699124	3.018307	2.946243	2.782542	4.023895	3.783339	5.380057	2.924023
3.299915	3.515761	3.325573	2.775515	3.29345	2.876984	3.518666	2.45191	3.806777	3.441773
3.239166	2.571895	3.503106	3.423413	3.253587	3.016323	3.671548	3.537836	2.563505	2.989298
2.981425	2.882117	2.392087	1.994073	2.73191	2.871905	2.667106	3.141341	3.295872	3.275955
-0.09533	0.060277	0.030746	0.297408	0.189128	0.22351	0.020737	0.351861	1.723843	0.32883
3.623568	3.280834	2.771244	2.684953	3.317009	3.75562	3.054674	3.210302	3.831875	3.805819
4.199576	3.070355	2.88702	2.085327	2.681237	3.620005	3.140392	3.39646	4.021967	3.431952
0.411285	0.778379	0.760435	0.79019	0.949136	0.864151	1.529042	0.907424	0.039647	0.79019
4.566432	4.88587	4.223383	4.23554	4.156051	4.138467	4.305537	3.820678	5.738321	4.265137
2.965782	2.10631	2.453295	3.979533	2.960196	1.984807	1.934367	3.688483	2.989339	2.716883
4.524055	4.347846	4.465321	4.135415	4.235581	4.44305	4.402003	4.385298	4.692084	4.687558
2.307616	2.514604	2.225025	2.095573	2.21528	3.293976	3.730059	3.151272	2.728666	2.312196
4.611442	4.222073	4.345466	4.497805	4.764868	4.33832	4.19906	4.008819	5.888739	4.72616
5.191937	5.38647	4.538522	4.950651	5.038907	5.091048	5.94771	4.875483	5.415616	5.197014
2.430819	3.104683	2.789981	2.108405	2.300207	2.545703	2.274332	2.383226	3.405214	2.615944
2.331678	2.347978	2.552916	2.273965	2.589495	3.017135	1.503795	4.576957	3.194033	1.863179
2.179508	2.773092	1.650627	1.979597	1.777644	2.076633	2.468911	2.542858	2.931046	1.703253
5.385736	5.019305	6.19108	4.638245	5.364454	5.63828	4.784937	5.133284	4.340793	6.468847
3.686544	3.961363	4.080848	3.471498	3.723938	3.971909	4.315212	4.175946	4.289508	3.589114
5.383533	4.946182	4.559822	5.24016	4.820443	6.004209	5.769504	5.62889	3.770383	5.197703
-0.10957	-0.05077	-0.06999	0.115611	-0.00426	0.013764	0.185771	0.123652	-0.0226	-0.06033
0.374747	-0.07831	0.004987	0.054273	0.329466	0.425513	-0.21514	0.225112	3.798462	0.29039
2.307303	2.528784	2.779854	2.483136	2.43891	3.015335	2.49129	2.813248	2.761745	2.539332
3.6941	2.191965	2.652147	1.425141	1.952199	3.939761	4.333735	3.693286	2.632587	2.273169
1.868314	0.810592	1.542014	1.282005	1.668695	1.657425	1.572612	1.715518	0.97008	1.308283
0.924357	0.660396	0.722065	0.73068	0.747768	1.426415	0.204585	1.679972	0.854509	0.722065

10.52494	10.03838	9.662912	9.528572	9.946207	11.61202	11.57713	9.065961	9.926919	10.06695
6.67158	6.59793	6.338813	6.277984	6.894581	6.568522	5.626235	6.688011	4.576211	7.171018
4.953723	4.332309	4.441443	3.163702	4.505341	4.021077	4.12033	5.235528	4.255977	5.015878
0.619647	0.296072	0.418167	0.327711	0.63201	0.425423	0.049409	1.489806	2.41562	0.867248
0.986887	0.557552	1.149774	0.94594	0.533733	0.588683	0.762	1.204981	0.442694	0.641525
0.645779	1.125825	0.328342	0.337909	0.542037	0.08869	0.030859	2.500293	0.474269	1.011038
1.978874	2.162974	1.686178	1.549703	1.717051	1.916976	1.776947	2.119028	2.379564	2.056138
5.072737	4.51544	4.383954	3.929609	4.720921	4.080984	4.473321	4.725659	4.217891	5.02544
4.30323	5.031027	3.851628	3.324699	4.519732	4.253141	4.390157	3.863692	4.661658	4.547166
0.277977	0.103675	-0.01463	-0.01463	0.046325	0.257826	0.111598	0.453827	0.402582	0.07951
0.386712	0.745563	0.574846	0.115692	0.281331	0.935709	-0.06223	1.868851	1.939652	0.369732
7.606226	8.17773	6.552457	6.749407	6.956962	7.517786	7.369713	7.839869	7.608387	5.828387
9.248234	8.857001	8.689043	8.208894	9.277206	9.000021	9.215571	8.853496	9.494299	9.079975
3.527093	4.233394	2.942419	3.208023	3.587934	3.348118	2.695097	3.05402	4.889676	4.057926
1.24602	1.369504	1.363449	1.153108	0.634103	2.205319	2.23983	2.641568	1.351253	0.989915
5.16398	5.075719	5.325619	5.098701	5.889372	5.062219	5.104415	4.907547	4.942195	4.905494
0.742077	-0.06024	1.475324	1.374361	0.777081	2.442174	2.023482	1.767686	2.040875	1.032124
2.952196	3.602649	3.636346	3.403739	3.203005	2.935361	2.815872	3.901729	2.833675	3.216006
1.453088	1.476236	1.577049	1.337963	1.757655	1.001998	0.572573	1.941321	0.058277	1.932161
8.478394	7.485184	9.882223	8.889933	10.0031	9.73601	7.862015	8.310782	10.8019	9.100766
3.048351	3.247506	2.09963	2.809361	2.797732	2.021546	2.73545	3.864104	3.610225	2.39729
3.620842	3.969902	3.812869	3.431356	3.140831	3.994644	4.053601	3.96658	4.85373	3.762884
0.300276	0.869475	1.633349	0.607515	0.581253	0.968073	1.422786	0.267946	0.278801	0.683637
5.46543	5.664024	4.038993	4.19807	5.31583	4.894318	5.550292	5.15255	4.566897	5.683369
3.843292	3.081509	3.379727	3.851719	3.612785	3.197708	3.703102	4.30778	3.242268	3.245742
2.515396	1.378559	1.373168	1.312426	1.482194	2.883242	3.3825	1.940903	3.111176	1.552744
2.894354	2.875619	2.114124	1.728426	2.457752	2.919617	2.562819	2.476706	1.904256	3.176538
4.962566	4.107712	5.273156	5.176814	4.925083	4.91423	3.843553	5.716318	4.29984	4.682354
5.2764	4.806057	6.102298	5.37591	5.074032	6.779854	5.820246	5.277502	4.771214	5.500705
3.162862	5.754985	4.689291	5.190373	5.433109	3.721158	5.34787	0.966203	0.50364	4.08914
3.127654	2.2801	2.221379	2.142523	2.238709	3.543711	3.674106	3.04378	2.366968	3.076277
2.710415	2.752089	2.083379	1.807338	1.634662	2.710415	4.01365	3.997148	4.034998	2.246791
2.419651	2.867934	2.155173	2.109512	2.557287	2.179818	2.628603	2.869472	3.352784	2.456464
3.766002	3.42802	3.227606	2.959157	3.090565	2.984214	2.477602	3.629983	3.165506	3.25963
2.151502	1.473256	1.910026	1.657299	2.070958	1.712862	1.595174	1.936428	1.519627	2.360663
4.082055	4.133941	3.814552	3.291426	3.902466	3.547113	4.333079	2.442386	3.466445	3.581112
7.293949	6.797807	7.477646	6.759116	7.933931	8.693989	8.185378	6.8416	7.20008	8.723935
0.748449	1.208792	0.92792	0.837408	0.717522	0.628856	0.93465	2.063601	1.12312	0.612127
5.452904	5.388852	4.950259	4.611678	5.228554	4.845551	6.226404	4.479703	5.898667	5.191557
0.30763	0.647804	0.319905	0.676953	0.481922	0.391506	0.74283	0.705543	0.33208	0.244693
3.340061	3.684815	2.484343	3.462736	3.122148	2.310229	2.512371	4.779083	3.334934	2.932162
1.892324	3.382362	2.208461	2.709645	2.169922	1.62749	3.488042	4.369874	0.306807	1.281487
1.754417	1.823935	1.291953	1.575252	1.287469	1.823935	2.80757	2.57786	2.284006	1.18991
2.941991	2.712883	3.146062	2.55496	2.542542	3.679171	3.300544	2.776515	3.18495	3.351655
4.497051	4.297661	4.853083	4.886424	5.06477	5.051942	3.716918	5.601766	5.744192	5.262462
-0.06158	-0.24231	0.069078	-0.24231	0.018674	0.277689	-0.00743	1.588902	1.024311	0.200417
2.773375	2.838205	2.513761	2.273445	2.577147	4.448776	4.572988	2.981428	2.324727	2.904574

1.782008	0.772557	1.297472	-0.08268	1.177391	2.091996	3.656327	1.888441	0.772557	1.209927
3.540594	3.683096	3.362275	2.324475	3.051466	4.632889	4.202196	3.957439	5.479907	3.364909
1.732814	2.420292	1.415717	1.873055	0.755969	1.452561	1.78959	1.358877	1.466171	1.324803
3.224595	3.340331	3.357952	3.62654	3.07902	3.332938	2.981089	3.571476	3.528063	2.791968
2.94997	3.058685	2.635108	2.775674	3.339857	4.115815	3.610636	4.496839	3.193163	2.612618
6.403859	5.891608	6.041866	5.197646	6.25613	6.528948	6.378493	6.841942	6.384047	6.443804
2.436226	2.214136	2.375339	2.112197	1.746729	3.469391	4.125908	3.19755	2.621799	1.771304
8.433638	6.521938	7.398874	7.745705	7.586007	8.080692	7.495335	6.542793	7.631763	7.360267
2.336803	3.257666	2.550936	0.996755	3.140962	3.289488	2.648469	7.175408	2.268382	1.96985
2.205265	1.738463	1.254067	1.342754	1.794619	0.895632	2.511091	1.937049	3.172921	1.368882
2.660315	3.30058	2.354848	2.652925	2.800183	2.680833	2.731032	3.276441	3.545022	3.145735
0.447851	-0.02807	-0.00494	-0.02807	0.061892	0.938126	0.40789	0.195094	-0.02807	0.08337
7.67557	8.486726	8.720093	9.05815	9.54169	8.713519	9.275595	8.614374	7.7026	8.3557
4.918052	4.714871	3.190397	4.236176	4.359714	3.829007	4.409014	4.95248	5.055769	4.263409
2.901793	2.717364	2.656572	2.648249	2.499595	3.767609	2.638473	5.0847	4.178188	3.09255
0.536674	0.169259	0.136318	0.293447	0.379545	1.232883	0.901798	1.428016	0.632004	0.511737
4.351814	4.737019	2.778281	3.741106	4.238678	3.375453	4.630654	5.124627	5.282609	3.883894
1.32709	0.932705	0.776822	0.97724	0.795761	1.887785	2.169797	1.455715	4.028365	0.960713
2.433129	3.047238	2.535208	2.758737	2.550262	1.933685	2.798515	2.995707	2.868402	2.271155
2.922879	3.191273	2.418871	2.431095	2.705484	2.465245	3.089334	3.66891	3.818022	2.712352
0.316574	0.003009	0.180372	0.112318	0.076899	0.180372	0.015621	0.088814	-0.02259	0.088814
-0.03658	-0.01281	0.141602	-0.03658	0.03337	0.03337	0.010502	0.269127	-0.01281	-0.03658
3.909683	4.000055	3.324971	3.182509	2.567643	3.584576	4.361026	3.988119	2.922902	3.505891
4.700536	2.962586	4.336149	3.287134	4.356576	4.68015	3.983622	3.57285	0.120451	5.381279
3.447294	2.450232	2.356695	3.564472	3.445434	3.496685	3.541041	3.922369	2.511277	2.036113
3.22838	3.715306	2.770125	2.633674	2.920844	2.397754	2.832711	3.402264	2.86121	3.53473
3.260058	3.052404	3.031516	2.915549	3.06277	3.579441	3.418715	3.173558	4.747709	4.658745
7.253803	7.32654	6.673804	5.87523	7.977079	7.930498	7.599045	7.568384	6.181679	8.045441
-0.06707	-0.08309	-0.08309	-0.08309	0.050751	0.001301	-0.08309	0.418719	0.266058	-0.08309
0.813832	0.615307	1.513438	1.062205	0.641648	2.610563	1.094478	1.055664	0.774638	1.73536
3.46107	3.674727	3.143197	3.315762	2.9601	2.346751	3.857317	3.07236	2.366363	1.617552
6.616421	7.697954	6.220904	6.792796	6.851544	5.771546	6.573767	6.858649	7.314535	6.187695
0.053701	-0.01584	0.026271	0.107095	0.56636	-0.0739	0.040049	0.291882	-0.0739	-0.04459
0.346198	0.985205	1.223382	0.306749	0.874265	1.253395	-0.13194	1.536731	0.18017	0.735443
4.193058	4.521597	3.47948	3.77738	3.996611	3.79609	4.37001	4.213362	4.21595	3.322114
5.762503	5.667411	6.062225	6.268143	5.881438	6.392238	6.11269	6.319155	4.750336	5.964372
5.249832	4.968779	5.476511	5.614305	5.281887	5.261204	5.146487	4.762348	5.646156	5.848615
4.709802	4.382532	4.801922	4.690988	4.995682	4.310149	5.610616	4.026113	4.15624	4.123095
3.797086	3.780916	3.225278	2.794213	3.750204	3.160668	3.900708	3.789693	4.147264	3.3854
0.712641	0.908092	0.862218	0.966575	0.74183	1.483823	0.775916	1.142691	0.903083	0.74183
4.997489	5.484121	5.803146	4.221732	4.800228	6.656268	4.840476	7.6897	5.440075	5.550336
-0.04249	-0.04249	0.019074	-0.04249	-0.04249	-0.02994	-0.04249	0.066254	-0.04249	-0.04249
5.624335	6.183711	5.715187	4.491556	5.426848	6.014718	5.953725	8.473129	6.003395	5.411903
4.229793	3.997439	2.813878	3.338869	3.812423	4.011976	4.277314	4.183403	4.116347	3.993271
4.527949	4.552615	3.93964	3.803965	3.97142	4.430808	5.154156	4.850867	5.510283	4.288703
2.497952	3.433468	2.279777	2.197429	2.764843	1.591529	2.195098	2.679975	2.385086	2.657299
4.373739	5.737755	4.298223	3.742152	4.895242	4.366258	3.784779	4.733646	3.968159	4.874708

0.85507	2.441881	2.480288	0.954893	2.165034	1.260751	1.634203	1.634203	2.581434	1.560119
0.18075	0.086027	0.2944	0.422597	0.232321	0.388701	-0.03005	1.581054	-0.03005	0.2944
3.971858	3.818572	3.880466	3.627607	3.34575	4.166126	3.919291	2.870775	4.784688	4.606252
0.245019	0.287647	0.273577	0.245019	0.259368	0.329051	0.245019	0.531791	0.245019	0.315381
0.259895	0.115314	0.140456	0.201431	0.089719	0.359425	0.370066	0.482134	-0.04567	0.39111
6.530778	5.876302	6.163122	4.954309	6.305599	7.98093	6.626018	7.770383	5.633897	6.81883
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2.275866	2.202687	1.831412	1.92155	1.895757	1.871693	1.488993	2.496579	2.617577	1.925803
1.577739	1.494245	0.486119	1.06025	0.299819	1.276295	0.839896	1.879818	1.925002	1.613771
6.792626	6.019168	5.585533	5.407146	5.961586	6.797592	6.739725	6.326794	6.947276	6.014451
0.003635	-0.02556	-0.02556	-0.02556	-0.02556	-0.006	0.022631	0.095162	0.022631	-0.02556
1.661792	1.368785	1.01683	0.8194	0.799692	2.413068	2.132704	2.678802	2.665326	1.151953
2.795764	2.632768	1.708316	2.06225	2.197599	2.747898	2.503922	2.907196	3.317397	3.180733
5.42106	4.914133	4.791635	4.644429	5.674446	5.449578	6.411384	7.847696	6.088492	5.965989
0.717575	-0.01594	0.088681	0.213963	0.046324	0.071938	0.650882	0.903657	0.689499	-0.02514
0.111924	0.040415	-0.05612	0.031137	-0.06626	-0.05612	-0.09726	0.559684	0.571099	0.040415
4.519537	4.244809	3.342955	3.65557	3.57689	4.494658	4.286302	2.667516	6.520428	4.48773
5.885979	5.375792	5.371051	5.588781	5.854496	5.311014	5.689253	6.545322	4.031123	5.089988
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8.929621	9.035743	9.004269	8.053463	9.115588	9.297828	8.754001	7.898858	9.133185	9.084949
4.550068	4.773278	5.186478	3.830245	4.428657	4.773734	4.653016	4.250048	4.608051	5.045478
0.262354	1.836513	2.588247	0.831202	3.193595	3.363801	0.758475	3.528837	1.483751	2.011044
6.727946	4.264828	6.368573	4.408246	6.347012	9.376911	6.325558	7.623335	7.10033	7.14352
3.105724	3.310179	2.727827	3.058433	2.886428	2.9252	3.227847	2.234103	3.169294	3.265371
3.053047	3.735509	2.502924	2.752978	2.578929	2.27776	3.779004	4.052448	3.466716	2.519595
1.301989	0.786708	0.762625	0.635033	0.687581	1.329785	1.431756	1.64255	1.285835	0.938546
-0.02435	-0.02435	0.0168	-0.02435	-0.00357	0.140388	0.026841	0.0564	0.122296	-0.02435
0.610115	0.689433	0.506836	0.564086	0.697982	0.467366	0.545254	0.610115	2.198784	0.251953
3.975658	5.447624	3.340373	2.645595	4.016673	4.205755	5.664906	4.615579	5.430125	4.027962
2.548731	3.335047	2.284001	2.961872	2.631627	2.202172	2.107721	3.182575	6.964102	2.225994
2.381855	1.816676	0.719403	0.162261	1.444097	2.800521	2.51551	2.942686	2.355761	2.687705
5.991653	5.630344	5.998632	5.789699	6.053596	6.016928	6.190541	5.504066	5.211078	5.956575
0.044375	1.57533	2.887167	0.706434	2.523413	1.115674	-0.01269	1.080524	1.145072	1.849001
5.552989	5.397235	5.506262	5.826006	5.225933	5.205406	5.735269	3.83184	5.400433	5.956819
0.740255	2.022086	1.940835	1.362697	0.610491	2.101037	2.074968	0.92424	0.843963	2.384533
2.707387	3.322055	3.283663	2.504184	2.790739	3.343524	3.432582	2.963584	2.76053	3.224217
1.174301	1.113063	1.398769	0.660682	0.45497	1.264006	0.400895	0.540231	2.955822	1.011454
0.207845	-0.01379	0.707183	0.116604	0.153961	0.514778	0.773904	0.586736	0.207845	0.567547
5.580038	4.141322	5.400106	4.650597	5.678597	5.702661	4.279314	3.10639	4.332889	5.78609
5.234187	6.795215	5.720024	5.420872	6.381574	5.180627	6.631937	6.335614	5.68872	5.203498
1.092579	0.722532	0.433232	0.468646	0.396853	1.001913	1.571031	0.617334	0.758182	0.520068
5.037367	6.051171	5.856405	4.525998	5.354384	6.096217	4.343056	7.952175	4.897949	6.217466
7.463212	7.915196	6.500824	6.616109	7.12764	7.522066	7.577833	7.067013	6.467248	7.623562
0.162296	0.121812	0.265256	0.22746	0.38485	0.022926	-0.03661	0.28994	-0.03661	0.418966
3.084448	3.173904	2.578556	2.459392	2.618393	3.033968	3.762966	3.293644	3.491806	2.448736
2.660209	1.992136	1.886556	1.425915	1.792318	2.844759	3.402133	2.145719	1.459637	1.518203
2.428021	2.608731	2.498189	2.295495	2.3013	2.724079	2.806684	2.658974	2.546908	1.971125

4.777258	3.80499	3.73459	3.608389	4.11225	4.486558	4.609652	3.805745	2.985836	4.335605
3.285794	2.514401	2.304951	1.401383	1.824407	4.588688	2.960448	2.199071	1.38557	3.924764
3.22347	2.284004	3.046101	2.859394	2.865712	2.945407	2.660954	4.002196	2.21602	3.151799
2.779775	3.702447	2.304543	2.322894	2.475929	2.854274	3.25013	3.092317	4.280596	2.814811
8.726092	9.163125	10.87271	9.328355	9.624926	10.89442	9.149001	10.14641	8.895769	10.02388
4.668714	3.927188	3.75934	3.437796	4.343649	4.216135	4.017889	5.094553	4.58109	4.866897
3.484261	2.742351	2.315218	2.593868	2.751912	4.17228	4.782894	3.777708	3.863028	3.216168
8.860405	7.842833	8.094029	9.649288	8.766863	8.749139	8.325978	7.503466	7.41562	8.160373
4.812097	4.02345	4.001696	4.800188	4.020751	4.610152	4.326854	2.872447	3.782789	4.532693
3.532849	3.397601	2.768247	2.7936	3.307107	2.569327	3.350076	3.798047	3.376681	2.85742
1.106746	0.924886	0.959873	1.234212	0.907038	0.559506	0.774836	1.101588	3.179378	0.627878
2.871936	2.654388	2.41365	2.260018	2.527295	2.680346	2.580477	3.618642	2.907214	2.80293
4.293191	4.359407	4.306598	3.333796	4.35403	4.097975	4.486785	4.486062	1.990495	4.976788
2.835553	2.972796	2.250453	2.301157	2.26991	2.048307	2.964029	3.363922	3.692563	2.876184
2.570231	2.316428	2.029248	2.053072	1.879453	1.180352	1.550292	1.787524	3.433033	2.197096
3.127607	2.90335	2.297799	2.697325	2.163351	2.932969	3.0088	2.810809	3.591037	2.439005
1.623124	1.559553	1.807509	2.086642	1.371141	1.869208	1.50606	1.845483	1.736175	1.268328
2.973186	3.226316	3.402806	3.681842	2.953591	2.432487	3.433389	2.723184	3.061719	2.741807
1.219694	3.825901	6.330267	3.795257	4.464334	4.498764	1.533758	2.615317	2.597763	6.456707
4.306948	4.315207	3.654251	3.485222	3.757069	4.478905	4.181214	4.186998	3.977895	4.46598
1.198488	0.947727	0.974543	0.29405	0.881037	0.914806	0.461318	2.80293	3.015181	1.115351
4.427323	4.405565	4.497684	3.503306	3.85048	4.665223	4.430815	4.801065	4.676705	4.71023
2.228325	3.085244	2.451584	1.970719	1.986391	2.258929	3.310989	5.286785	3.121937	2.420849
4.748927	4.73745	3.634413	3.797374	4.289807	4.429099	4.52671	4.817038	5.274038	4.738777
4.223045	4.963101	5.252625	4.817671	4.932416	4.221364	5.062578	4.7717	4.288386	4.638128
4.37132	5.132815	4.874244	4.776273	4.518377	3.996694	5.350413	6.025026	5.272144	3.427873
4.593881	5.029024	4.559839	5.153761	5.099507	5.189103	5.110306	4.386673	4.903882	4.382193
5.025879	5.013689	5.128624	4.679897	5.185431	4.879094	4.352521	4.625055	5.76582	5.168562
6.759019	7.233941	7.236118	8.476753	8.159199	7.138794	7.606099	2.313313	3.822779	7.087082
3.976787	3.704186	4.918425	4.173246	4.768256	3.847031	4.89442	3.802693	6.436455	3.983197
3.176106	4.499515	2.548146	2.312352	3.087765	3.278995	3.692094	3.857625	4.171686	3.021731
6.732264	6.527754	6.450673	6.640077	6.896437	7.068354	6.167241	6.658772	6.794602	7.065765
2.035871	2.813833	2.048459	2.161565	2.456072	1.472309	2.591121	3.494088	3.239827	1.865263
2.775392	2.475231	1.985193	2.078522	2.376947	2.485997	2.872664	2.882541	3.646794	2.424672
3.073499	2.713711	1.958226	1.901579	2.736254	3.174639	3.472663	2.285043	3.329861	2.30927
2.52968	1.99708	1.920988	2.309465	2.264346	3.710551	3.081327	2.061446	3.145809	1.809136
0.555978	0.046367	0.531156	0.254911	-0.11686	0.390697	-0.17122	0.635647	-0.07745	0.223999
5.248709	5.224403	5.593626	4.952118	4.824957	5.240848	4.094174	4.442818	5.488336	5.401817
4.774984	5.557682	3.895787	3.989266	4.981636	4.089487	5.140526	4.998472	4.311538	4.714709
5.913315	5.853755	5.463638	4.964305	5.586061	5.589965	6.464239	5.287997	5.824361	5.720886
0.036838	-0.075	-0.075	-0.075	0.112331	0.240095	-0.075	-0.075	0.617131	0.457406
1.856268	2.943717	2.631585	1.523716	2.319296	3.097862	1.188344	3.769457	-0.2311	3.522763
3.158299	3.473939	3.684054	2.935992	3.5292	3.314856	3.499734	2.706417	4.554185	3.934215
4.520408	4.787496	3.068538	3.089652	1.825468	5.185946	5.178315	5.657446	5.472969	4.889355
1.736638	1.870869	1.716389	1.35646	1.859845	1.561443	1.837539	1.95612	2.225559	1.732611
3.052727	4.085985	3.373155	3.781287	3.358202	2.661124	3.774408	3.955495	3.672861	2.970682
7.202354	6.431855	5.062308	5.834438	6.408969	5.81865	6.265355	6.074806	7.466895	6.199888

2.444576	2.425184	2.564558	2.183616	2.096657	2.333962	2.340804	3.534145	2.764284	1.573217
0.622956	0.412133	0.502674	0.605181	0.432822	0.380449	1.046323	0.17157	0.540919	0.325809
4.201188	4.329491	4.275356	3.743469	3.564839	4.61408	4.14489	4.529868	5.866421	4.123772
3.386044	3.719641	2.860393	2.92814	2.935396	3.640172	4.182689	4.105484	4.842582	3.362707
3.328727	1.955002	3.323338	4.586761	2.339137	2.496333	2.396618	4.658497	-0.24968	2.547676
1.619982	1.175409	1.272574	0.428462	1.124312	2.255978	1.97082	2.058406	2.612964	2.251952
0.071014	0.036424	0.027582	0.053872	-0.04619	0.062481	0.205722	1.191425	-0.06554	0.062481
4.8927	5.298167	4.387476	4.26774	4.202609	4.462018	5.32699	5.160435	6.303953	4.744103
5.607907	3.675849	2.893405	3.670892	4.135415	6.467394	6.887801	4.009118	5.086128	4.173298
6.08325	5.240514	5.375791	5.133646	5.628337	5.872862	5.90999	6.275938	6.980799	6.18679
5.711568	5.246929	5.611225	6.138923	4.601976	7.284443	5.739861	5.010671	5.88576	4.69538
2.967519	3.177928	2.428654	3.011254	3.052108	3.23822	3.512887	3.942181	4.859168	2.413795
2.958519	3.36794	2.811425	2.84443	2.40641	2.813089	3.13127	3.289013	3.498027	2.499709
3.323529	3.568791	3.527201	3.479069	3.204456	3.109079	3.427934	3.45949	3.860776	3.453242
2.113255	1.215167	0.870196	-0.14293	0.059986	1.206097	0.186175	0.999264	-0.07987	0.693396
2.08827	0.316118	1.570374	1.328534	0.877672	1.461648	0.188454	2.362742	0.253447	1.068117
1.533792	0.44404	1.564911	0.326344	0.66578	1.198227	0.301464	1.555416	4.143813	0.838538
0.605232	0.288392	0.302835	0.399281	1.006875	1.669041	0.937553	3.473431	3.641518	0.850436
6.852935	6.392162	6.825282	6.030352	6.708186	7.190251	6.424708	6.065658	6.405889	7.026978
3.613898	3.406275	3.477986	3.12459	3.501312	3.977649	4.063166	2.85096	3.082717	3.486251
4.686569	4.162129	3.737311	4.412299	4.924396	4.108547	4.245448	4.829574	4.922214	4.280952
3.173944	3.655889	3.854593	3.135968	3.1349	3.762683	3.158232	3.738113	4.355487	3.620188
2.989688	4.057548	3.68867	3.063091	3.381922	2.51477	4.780547	2.957648	3.427073	2.856152
2.213565	3.275666	2.682651	2.710815	2.864813	2.313985	3.072742	3.228362	4.129541	2.172693
6.337372	5.031477	5.186977	5.752666	5.373771	5.744573	5.203937	4.270346	3.412684	5.690616
4.9504	3.956814	4.952659	4.990496	5.432276	4.879832	5.050027	3.565378	4.469103	4.72449
2.127107	2.717853	2.356807	2.403074	1.855361	2.193348	2.3348	2.315719	2.390853	2.028556

CGGA_83	CGGA_84	CGGA_85	CGGA_85	CGGA_86	CGGA_88	CGGA_89	CGGA_89	CGGA_89	CGGA_90
0.594335	0.340419	0.765145	0.546038	0.77693	0.634323	0.729119	0.679441	0.621133	1.184932
1.026902	0.907315	1.242621	1.183782	0.924264	0.907315	0.872761	1.567466	1.242621	1.052657
5.678522	4.543611	6.080459	6.356362	6.026245	4.449255	5.074189	5.352817	5.347036	4.884707
4.110845	4.013115	3.084851	2.979556	6.175342	1.54248	2.643459	2.843131	4.593991	1.036613
1.072117	1.153513	0.12991	0.985446	0.509779	1.41817	0.53951	1.421976	0.780973	2.117481
7.210589	6.802819	6.791436	6.26876	5.951804	6.546456	6.915801	6.114295	7.044436	5.143842
5.321893	5.345222	5.545261	5.731776	5.914012	4.594977	5.291904	5.26495	5.899479	5.51796
1.607694	1.050313	0.579782	2.553772	1.314243	0.124256	0.831839	1.82881	1.453368	1.135746
-0.00328	0.058638	0.083942	0.083942	0.163568	0.100431	-0.00328	0.050045	0.108566	-0.00328
5.6707	6.187657	5.6707	5.120203	5.746965	5.277083	5.943551	5.578371	4.976282	5.683697
4.171316	4.440146	4.765596	4.095071	3.478734	5.414547	4.444618	4.4845	5.625774	5.675479
3.435322	3.424469	2.602551	3.437725	3.057642	2.705186	2.96767	3.683985	2.995605	2.748178
1.226356	2.05863	1.879652	1.539787	2.432385	1.472439	1.899475	1.319036	2.396824	1.266043
3.396165	2.65993	3.036942	3.361422	3.291262	1.039419	2.754686	2.662643	3.828743	1.623235
4.475762	5.775394	5.712269	5.271822	6.244592	5.536913	4.972646	4.863793	5.106386	5.247518
2.793673	2.829584	3.202173	2.16322	2.972609	2.525586	2.723187	2.497218	2.400666	3.384433
0.387206	0.590479	0.47479	0.352647	1.1023	0.604781	0.805143	0.392871	0.722093	0.556432
7.383395	7.009709	7.830538	7.820921	8.241989	8.42162	7.749763	7.61632	8.157461	7.354148
5.612381	5.807018	4.91227	4.665277	3.941042	6.019685	5.244372	4.554265	4.244606	6.09083
3.615695	3.66156	2.939428	2.791634	2.971629	3.199481	3.657772	3.837882	3.898079	3.745869
3.286964	3.403762	3.349342	2.878964	3.520117	3.610923	3.399153	3.264105	3.145851	3.402227
3.782425	3.881767	2.973651	3.562722	4.430847	3.554469	3.023964	3.614053	4.148744	3.776012
3.010268	2.557337	3.157351	2.621141	2.85339	2.498836	2.967819	2.516078	2.523423	2.072393
-0.06253	0.418389	0.72681	0.000462	0.289421	0.488179	0.248657	-0.07336	0.35944	0.69308
3.789209	2.365986	3.102112	3.010142	3.06233	3.02961	2.978641	3.362691	2.734031	2.827008
2.392973	3.311807	2.884567	1.92997	3.779823	2.686842	3.081177	1.519695	2.267366	4.943431
0.570917	0.847498	0.723689	0.619583	0.435482	1.465258	0.742208	0.969442	0.646501	1.20124
4.665101	4.930248	4.517702	3.669598	4.522512	6.406502	4.846839	5.05985	4.088747	5.971272
3.446896	2.460639	2.364753	4.592952	3.592618	2.040817	2.15233	4.279596	3.874186	2.197232
4.609534	4.739485	4.660557	4.386285	4.079431	4.63779	4.561797	4.418059	4.175085	4.93063
1.615218	1.442623	1.531487	1.01443	1.996695	1.808793	1.655337	1.782672	2.567325	1.550946
5.350749	4.548276	4.039629	5.162937	5.170644	3.904635	4.433073	4.984975	4.98205	4.163786
4.728176	4.844961	5.501165	4.946726	4.942301	6.34741	4.943777	5.896361	5.641439	5.636581
2.07211	2.526374	2.638611	2.678529	2.674148	2.581254	2.356085	2.504313	2.859091	3.741378
2.740089	1.775072	1.805089	3.808719	2.818388	1.623303	1.710051	3.223405	3.492535	3.054856
1.956349	2.476461	1.709333	1.467507	2.22638	2.498899	2.267642	2.446048	2.597916	1.876329
5.085038	5.159288	6.618077	6.482567	4.654246	5.134528	5.175891	6.003772	5.35289	5.9986
3.369112	3.494263	3.618985	3.846884	3.716921	3.383571	3.37756	3.741863	3.722937	3.016008
4.397213	4.345891	5.309797	5.04773	5.028006	4.049898	4.71707	4.310072	4.661348	3.700836
-0.01339	-0.06033	-0.06033	-0.03191	-0.08958	-0.08958	-0.01339	0.040206	0.004794	-0.07974
0.004987	-0.08914	0.092303	0.753155	0.28242	0.216698	0.164947	0.609596	0.481033	0.208226
2.238655	2.267107	2.715525	3.277929	2.611225	2.245023	1.905365	2.710827	2.713177	3.038363
0.964266	1.439651	1.670235	0.380337	3.114574	1.754625	2.801603	1.853893	1.902516	1.358069
1.341297	1.88501	1.963147	0.589942	1.899149	1.223811	1.674294	0.885084	1.270576	0.989286
0.73068	0.669356	0.499647	2.465518	1.62761	0.331586	0.204585	1.53282	1.637262	0.216566

8.927311	8.737614	9.750845	9.148275	9.580055	8.523357	9.106172	9.347785	10.37194	8.67346
6.99608	6.432716	7.170383	7.282855	6.320025	6.103281	6.543792	6.551552	6.334274	5.934332
4.946884	4.070867	4.498259	5.171692	4.230666	3.046637	4.155214	3.992115	3.810824	3.499144
0.425423	0.882498	0.738187	0.288038	0.213356	0.63201	0.984424	0.46811	0.454039	1.260147
0.549658	0.768769	0.269711	1.086911	1.750327	0.269711	0.648911	0.699534	0.580966	0.354362
0.661096	0.533738	0.456817	0.366234	0.176644	1.114749	1.158548	0.269567	0.448011	1.552387
1.660438	1.931489	1.926667	1.473233	1.296477	2.235435	1.71427	1.919405	1.565154	2.733867
4.854293	4.321314	4.653746	4.41793	4.809611	3.701199	4.273963	3.524536	3.87389	4.577967
4.252386	3.63492	4.406667	3.858527	4.292833	3.292541	3.759543	3.686496	3.376856	3.510638
0.003181	-0.08933	0.187463	-0.08933	0.037848	0.003181	-0.01463	0.037848	0.194734	-0.08933
-0.17417	0.084136	0.499739	-0.17417	0.484182	0.115692	0.820167	-0.05036	0.206006	0.69998
6.757319	6.023549	6.904275	6.44158	6.552073	7.640287	4.582693	7.583235	7.410814	8.436897
8.730155	8.372707	8.909412	8.71757	8.339354	9.093181	8.87656	8.580123	8.253366	8.741195
4.304755	3.446039	3.771788	4.019352	3.266841	4.682532	3.873619	3.865616	4.02018	3.917537
0.993952	0.92356	0.78922	0.369887	1.163765	0.993952	1.184821	0.731347	0.993952	1.39048
4.502973	4.785034	5.640824	5.490987	5.818949	5.166458	5.002237	5.480027	5.578113	4.092147
0.998635	0.075597	0.382963	0.260086	0.85524	0.161897	-0.26265	1.145088	0.827866	0.09528
3.191798	3.836348	3.294169	3.391839	3.269034	3.206728	3.872012	3.666523	3.267228	3.313711
2.562418	1.207463	0.928845	1.27437	1.053114	1.084615	1.472955	1.106651	1.498975	0.387712
10.53811	7.914435	8.099089	8.841494	10.15554	4.668056	7.519774	9.769318	9.8314	6.205815
3.475545	3.444928	2.295009	2.495946	3.312729	4.165804	2.78456	2.970285	2.330983	3.26119
2.965073	3.760122	3.775727	3.163307	3.525752	3.836958	3.389655	3.304709	3.380764	3.981487
0.981642	1.085965	0.201106	0.598812	0.383216	1.258257	0.716262	0.342322	0.413167	1.722291
5.347734	4.519333	5.357185	4.303156	5.40443	5.305273	5.326823	5.438994	5.377398	4.150208
4.388074	3.790189	2.744236	4.8846	3.519962	3.08403	3.359133	4.371518	4.069936	3.299351
1.212956	1.099185	0.996642	1.028212	1.617601	1.436519	1.413102	1.479696	1.765514	2.000467
2.139163	2.034418	3.337221	2.637611	2.493402	2.340031	2.590706	2.229129	2.088763	2.666369
5.03733	4.19301	4.064817	7.047078	5.70296	3.220722	3.909023	5.815817	5.37651	3.300401
5.260155	4.811876	4.972866	6.003352	6.219643	2.867723	3.147076	5.862028	5.325284	4.252083
2.148171	4.202154	3.967001	4.725128	4.742934	1.828435	3.847143	4.552984	4.594469	1.499398
1.912225	1.671273	3.234563	2.193799	3.590166	2.385201	2.739451	1.941616	2.2801	1.915186
2.307067	2.112237	1.753719	1.789679	2.710415	2.464822	1.802314	1.706164	2.414079	2.287246
3.414595	3.025664	2.179818	2.104884	2.343766	3.250415	2.740615	2.904492	2.179818	4.00534
3.363922	3.35437	3.005177	4.255425	3.033419	2.814472	3.070471	3.643865	3.628589	3.579206
2.543914	2.173846	2.064732	2.460353	2.28954	1.919264	2.081278	1.78796	2.01068	1.940971
3.543565	4.169618	3.311298	1.527937	3.557722	4.235816	4.846239	4.008961	2.951855	4.306684
7.083572	6.540599	8.39397	7.753544	6.928579	6.796749	6.776568	7.052497	7.222657	7.373513
1.019385	0.865873	0.507424	1.208792	0.830203	1.146472	0.717522	1.424514	1.117221	1.219837
4.66453	4.99178	5.281879	4.733938	4.863657	5.233139	5.523416	4.867662	4.633842	5.977151
0.437399	0.437399	0.319905	0.724303	0.437399	0.30763	0.470915	0.618074	0.724303	1.057099
3.449098	3.485931	3.061697	2.932162	3.454953	2.944354	3.260868	2.887732	2.998433	2.639309
2.409352	1.340467	4.552546	2.058815	2.520127	3.542733	3.444033	3.268236	3.484103	3.088591
1.378789	1.721663	1.39137	1.382994	1.541825	1.59349	1.731569	1.636333	1.407975	2.093003
2.547209	3.009616	3.128489	2.406368	2.672952	2.550313	3.365157	2.520589	2.356705	2.955489
4.892475	4.70187	6.811568	5.091421	6.212727	2.384481	5.58646	3.441733	3.632193	1.960648
0.170905	-0.02518	-0.03417	-0.24231	-0.05237	-0.07088	-0.08025	-0.10886	-0.03417	-0.24231
1.089671	1.601846	2.450494	0.879609	2.597781	2.007985	2.073588	2.499361	2.511369	1.929898

0.088766	0.371332	1.082382	0.088766	2.607691	0.864273	2.657957	-0.02335	0.665722	0.04769
2.404531	2.543985	2.8287	2.15638	2.922121	2.574072	2.61948	2.520073	3.176859	3.251093
1.670044	1.844495	1.617244	0.823749	1.181084	2.56195	2.06666	1.88364	0.796967	3.174277
3.81228	3.711566	3.051571	4.186929	3.257315	4.279208	3.880491	3.993277	3.537358	3.699486
2.195578	2.647629	3.334339	3.233745	3.032434	2.506007	2.89824	2.836216	2.773104	1.974977
5.764103	6.250514	5.977678	5.450738	6.829199	7.123251	6.77105	6.760399	5.305493	5.489376
0.9475	1.177689	0.549397	0.73172	2.121965	1.689976	1.593963	2.013603	1.851502	1.362484
6.343347	7.615252	8.048363	7.176338	7.42137	7.617839	7.148559	6.282089	7.120577	7.183483
1.777645	1.353382	1.559459	1.569372	1.549475	1.541939	1.381939	1.264008	1.964288	2.038442
1.738463	1.811986	1.677351	1.782945	1.652299	2.712124	1.93973	2.505273	2.005453	2.395058
2.441348	3.100122	1.983689	2.474711	3.154488	2.917755	2.525119	3.012066	2.729619	3.423646
-0.06362	-0.02807	0.10447	0.006458	0.279365	0.204754	0.017751	0.017751	0.028939	0.242638
8.628052	8.405902	7.990139	8.932388	9.248978	6.715833	8.708536	8.047987	8.9458	8.299103
4.625062	4.726487	3.956665	5.121106	4.266978	4.419651	4.129157	4.543828	3.942126	4.951355
2.264708	2.482339	2.402589	2.504262	3.103414	2.96996	1.971433	2.211452	2.816494	3.33047
0.520101	0.749359	0.201407	0.370248	0.616581	0.158369	0.42508	0.397946	0.322768	0.222416
4.052701	4.955176	3.410659	4.050866	4.26555	4.31073	4.509563	4.308001	3.356395	4.800273
0.971754	1.025636	0.585832	0.593143	1.14192	0.438779	0.578482	0.226524	1.3563	0.97724
2.720043	2.625813	1.975002	3.477116	2.615502	2.142354	2.315422	2.495929	1.657513	2.513489
2.93341	3.119103	2.414777	2.420914	2.658368	2.954277	3.023888	2.837717	2.55428	3.295775
0.180372	0.403108	0.146793	0.543952	0.255489	0.040482	-0.02259	0.135403	0.518686	0.123912
-0.03658	0.044643	-0.0011	-0.03658	0.240877	0.110144	-0.0011	0.010502	-0.03658	-0.03658
2.750389	2.760262	2.660594	3.434485	2.284507	3.020018	2.36293	3.10521	3.918024	3.752118
4.132053	4.032671	4.946926	3.22877	4.548261	3.422694	4.333677	2.083458	3.601158	5.088147
2.167779	3.50028	2.285082	2.831183	4.118088	3.004309	3.094626	1.533366	3.405842	3.017893
3.484895	3.639869	3.309445	2.355784	3.029123	3.257974	3.387114	3.177985	2.784919	3.127931
3.334073	3.863782	3.68401	3.099927	3.742849	2.884828	3.528253	3.126431	3.256524	3.797354
7.294118	6.508774	8.177684	6.317603	8.124503	6.378063	7.22262	7.305787	7.151857	7.266771
0.001301	-0.08309	-0.04363	-0.05137	-0.04363	-0.04363	0.043869	0.043869	-0.08309	-0.06707
0.475974	0.514447	1.555952	0.650323	0.504923	0.63292	0.85952	0.40611	0.087548	1.240179
3.362323	3.495248	1.684283	2.15159	3.145153	3.200979	3.614585	3.090582	2.56111	2.595824
6.342007	5.934974	6.118017	7.81993	6.077086	6.567065	5.824879	7.628202	7.411037	7.068497
-0.08878	0.093924	0.291882	0.220684	-0.04459	0.424847	0.326249	-0.01584	-0.04459	0.314881
0.2493	0.07827	0.26599	0.443194	0.647572	-0.21494	-0.04349	1.008049	0.153208	0.197821
3.883347	4.573481	3.550714	3.552171	3.431272	4.009309	3.886414	3.300687	4.209214	3.659791
5.986101	5.666712	6.010949	6.472774	5.444509	5.186977	5.23451	6.591898	6.640296	4.964968
5.406102	5.430136	6.086526	5.684412	5.371963	5.558034	5.300042	5.729453	5.315278	5.931539
4.586291	4.531349	4.267542	4.986615	5.338373	4.292827	4.401343	4.274287	5.006364	3.048351
4.242551	3.884803	3.190919	3.036383	3.515342	3.316754	3.139573	3.009639	3.558705	3.79104
0.932818	0.803578	0.846516	0.228576	0.620413	0.601057	0.73605	0.387433	0.30653	1.569035
4.190759	3.993888	5.102038	2.767272	4.879073	2.997204	3.357392	4.32905	2.79418	3.703656
0.019074	-0.02994	0.019074	0.111733	-0.04249	-0.04249	-0.04249	-0.04249	-0.00519	-0.04249
5.291138	4.385659	4.893692	4.639918	5.213344	5.128031	4.406303	5.315723	4.95687	5.824459
4.233624	3.787856	4.305447	3.815386	3.8682	3.905735	3.791592	3.954076	3.491649	3.510691
3.940246	4.259587	3.773696	3.693628	4.500727	4.676727	3.987984	3.713639	4.189403	4.503821
3.86433	3.16822	2.326457	1.231859	2.599589	2.867481	2.935634	2.374343	1.099217	2.34835
4.329778	4.31091	3.973235	4.156356	4.742545	3.235252	4.423288	3.899108	4.62452	4.173094

2.028323	2.061502	2.4188	1.083953	1.418199	1.82902	1.605843	2.19252	2.216816	2.052529
0.14088	-0.03005	-0.03005	1.159185	0.086027	0.057833	0.014529	1.081819	0.540746	-0.03005
3.178854	3.855681	4.412357	3.23783	2.596764	2.192283	3.956358	2.359248	3.213751	5.146865
0.301581	0.245019	0.342592	0.421274	0.245019	0.245019	0.421274	0.301581	0.245019	0.245019
0.282624	0.152862	0.213318	0.749259	0.236797	0.140456	0.152862	0.165161	0.089719	0.010045
5.938099	5.250772	6.245871	5.822571	5.979601	5.911132	5.315618	5.986945	6.075307	5.862637
4.211311	4.530805	3.883153	4.795094	4.756147	4.813503	4.324883	3.415481	4.274721	4.259914
2.041954	2.142025	1.542879	2.698612	2.685009	1.759236	2.008299	1.86284	1.878297	3.260985
0.396016	1.971872	1.077642	1.652763	0.486119	1.177749	1.349545	0.777252	1.428244	1.281298
6.16055	5.512647	5.855874	5.410734	6.693471	5.590962	5.566215	6.032037	5.897595	5.302184
0.003635	0.003635	-0.02556	-0.02556	-0.02556	-0.02556	0.068583	0.022631	0.041269	-0.02556
0.957531	0.735014	0.759259	0.446985	1.372861	0.681314	1.019581	0.621194	0.314623	0.954631
2.337932	2.502669	2.857483	1.990136	2.168645	2.961139	2.205135	2.465899	2.347609	3.768898
4.978551	4.309475	4.963612	5.005801	6.906925	4.689701	4.504067	4.842308	5.725169	5.050212
0.063468	0.088681	0.037647	0.684747	0.326118	0.121401	-0.01594	0.221327	0.096955	0.145302
-0.03612	0.120541	0.031137	0.067783	-0.02625	0.058736	-0.05612	0.02178	0.137575	0.19518
3.851979	4.261725	4.775751	3.012342	3.118882	4.1775	4.126296	4.316296	3.324221	5.097672
5.877487	5.442889	4.74338	7.220595	6.226394	5.096221	5.243498	6.611332	6.463261	5.691987
-0.04867	-0.06163	-0.01054	-0.06163	-0.03583	0.074326	0.00193	0.014279	-0.06163	-0.02312
8.10603	9.834265	9.113893	8.242563	8.054658	8.669215	9.971771	9.282921	9.962031	10.86731
4.431975	4.638317	4.85178	3.931901	4.195359	4.842154	4.302511	4.245145	4.210442	5.28526
2.449425	0.74845	0.415947	0.177834	0.422499	0.185758	-0.1892	2.605415	0.422499	1.237627
6.207132	5.601947	6.285019	5.783483	7.850547	4.227311	4.477218	4.250022	5.476971	5.049028
3.355184	3.896803	3.687751	3.368206	2.501348	3.414303	3.856927	3.967498	3.200954	4.715475
2.566791	2.447804	2.771447	3.224073	3.043389	3.813824	2.640538	3.823825	3.228505	3.855726
1.157823	0.889877	0.706752	0.48605	1.130636	0.949119	0.949119	0.601078	1.079268	1.157823
0.0168	-0.00357	0.04664	-0.00357	0.408065	0.0564	0.184297	0.0168	-0.02435	-0.02435
0.457327	0.71493	0.385025	1.378254	0.545254	1.084438	0.67218	0.772727	0.71493	0.535745
3.970534	3.229554	3.495447	3.129203	4.012898	5.336325	3.768314	4.874314	4.551878	4.762118
2.432061	3.153974	1.827445	2.425405	2.993902	1.962686	2.120175	3.262316	3.078304	2.529819
0.707133	1.077352	2.120716	-0.18084	1.861683	2.952895	1.386697	1.265894	0.713279	3.987718
5.977126	5.762343	6.420037	5.879282	6.900199	4.976398	6.01203	5.913936	5.29703	3.584749
1.224977	1.169081	1.028627	-0.12208	-0.12208	0.288395	0.044375	2.004241	-0.17378	-0.04816
4.69696	5.807308	6.264629	5.86581	6.284564	4.383814	6.035914	4.534601	5.05803	3.713143
0.520502	0.943953	2.349149	1.188302	1.276862	1.726707	2.384533	0.497544	0.30674	0.697668
3.173989	3.077999	3.389215	2.814673	2.806718	2.90073	3.434175	3.229362	2.381768	3.328678
1.066905	1.612855	1.180925	0.545715	0.165282	1.670123	0.630354	0.892636	1.384801	1.801827
0.225268	0.0381	0.08778	0.1722	0.078012	0.378976	0.216589	0.356012	0.430864	0.487472
5.561835	5.335142	5.656076	4.305328	3.582476	5.337726	5.217311	3.88421	4.383094	5.168632
5.167914	5.218319	4.874444	5.115063	6.191606	4.348482	4.933239	5.198242	5.514055	3.731102
0.143871	0.311192	0.291387	0.063523	0.368905	0.406041	0.424229	0.585692	0.291387	0.291387
4.527496	3.907729	5.759255	3.279138	6.249937	3.295521	4.381088	4.41869	3.375883	5.240262
6.193732	6.769926	7.497244	6.457034	6.702449	7.582863	7.003709	7.098456	7.894073	8.002248
0.441291	0.28994	0.768916	0.537879	0.430169	0.240163	0.373306	0.175555	0.452331	0.361673
2.527479	3.7903	2.760001	2.86611	2.909715	2.718996	2.540424	2.840902	2.926133	2.856996
0.860597	1.26995	1.696212	0.806553	1.616183	1.186342	1.781985	1.153012	1.610272	1.010358
1.672803	1.935015	2.519122	2.047507	2.965219	1.85549	2.061553	2.264581	2.085769	2.150907

4.33406	4.038397	4.348916	3.678721	4.622678	4.518935	4.068662	2.955546	3.86983	3.278217
2.133707	2.757624	1.574733	1.299429	1.401383	2.072343	1.234421	2.491456	1.202999	2.756157
3.255002	3.171012	2.64448	2.525506	3.934589	2.193462	2.513448	2.664588	3.706596	2.344352
3.013322	2.82519	2.816545	2.158078	2.509148	3.702447	2.664713	3.466542	3.193443	3.808206
8.423813	8.417176	9.604273	8.959402	9.764618	8.282616	8.636131	8.936116	8.871003	7.173106
4.016285	3.802046	4.206887	4.090798	4.300456	5.041742	3.973174	4.239381	4.551948	5.26059
2.064823	1.995403	2.397467	0.724406	3.016222	2.679342	2.407859	2.536584	2.821021	3.543013
7.068434	8.788139	8.639097	8.973912	8.985911	7.129017	7.858698	8.004837	9.243028	5.814411
4.378068	5.341214	4.668562	4.156613	3.997485	3.936083	4.594492	3.708437	4.14635	3.715064
3.278407	3.784876	2.660799	3.444798	3.085932	3.932112	3.229451	3.307107	3.461005	4.005464
1.196288	0.930782	0.605479	2.116888	0.671564	0.895004	0.627878	1.956885	1.054238	1.98626
3.023856	2.819516	2.735012	2.826838	3.091308	2.138165	2.705934	2.891425	2.740771	2.638225
3.90245	3.666497	4.734663	3.81547	4.224072	3.725883	3.967766	4.11865	3.574804	4.305811
3.209576	2.868853	2.497233	2.486307	2.919656	3.010953	3.045066	3.282066	2.525385	3.852161
1.370999	2.039223	1.202048	2.395906	2.04121	0.881247	2.227013	1.109367	1.806393	0.699019
1.854379	2.487848	2.32483	1.569641	2.546744	2.563154	2.671738	2.536809	2.526811	3.233514
1.810997	1.995557	1.32519	1.615308	1.688122	1.989304	1.384684	1.824877	1.42905	1.743447
3.382673	3.570167	2.491015	3.865453	3.369717	2.775581	3.182642	3.491859	3.146315	1.625009
2.301052	5.293764	3.854466	3.074601	2.386685	6.433831	3.529635	4.188404	3.509026	3.085844
3.839435	3.88534	4.143288	3.83778	3.372638	3.981028	3.636408	3.693073	3.240301	4.476325
0.530147	0.914806	0.767978	0.742881	0.804745	0.798688	0.942297	0.828696	0.220673	1.566736
4.177616	4.217996	4.530836	4.877712	3.866058	4.393557	4.423826	4.241335	3.977599	5.939473
1.504945	2.296621	2.495081	1.580622	2.371931	1.891603	2.469424	1.910275	2.13737	2.009566
4.687795	4.13979	4.105661	3.834402	4.802458	3.503362	3.958866	3.63155	3.909888	3.827176
4.641194	5.204952	4.567411	5.030874	4.651664	5.100392	5.132147	4.635935	4.540231	5.803105
5.529943	5.373959	3.319532	5.383657	4.534263	5.218767	4.305969	5.150299	5.322252	4.75553
4.409982	5.12722	5.377008	4.806146	6.033465	4.563327	5.673834	4.494072	4.74557	4.56929
4.82842	5.210213	5.475309	5.033046	4.861747	5.688314	5.103838	5.109668	4.728742	5.820982
5.085417	7.321563	7.338425	6.941537	7.739738	5.316755	7.189998	7.068147	7.358331	5.377877
5.323664	4.821281	3.932413	3.545312	4.339305	5.751178	5.307678	5.094471	4.525067	6.17361
2.677675	3.149999	2.830454	2.507884	3.127102	2.92831	3.114667	2.930259	3.995796	4.125284
6.139347	6.940646	6.979097	5.876238	7.285666	6.571632	6.647337	7.065842	5.993664	6.310865
3.193223	3.219275	1.374956	2.069228	3.042729	3.286154	3.038124	2.482042	2.368757	3.004349
2.4817	2.279082	2.386157	1.743721	2.697527	2.171623	2.513628	2.04421	2.064322	2.399865
2.486568	2.153364	2.297853	1.913814	2.57722	2.248452	2.642541	1.710053	2.296578	1.367054
1.456749	1.875348	2.599308	1.390876	3.113899	1.653524	2.31414	1.660621	2.02539	1.382444
0.390697	-0.01416	0.034472	0.782434	0.058162	0.069857	-0.17122	0.612223	0.488772	0.081454
5.219315	5.522588	5.370163	5.303187	4.647801	4.913582	5.377829	4.687984	4.745185	5.922246
4.630979	3.92964	4.273508	4.255681	4.835825	4.698315	4.405126	4.468298	5.700208	3.759158
5.633002	5.777395	5.581849	5.168236	5.710463	5.312283	5.781488	5.158948	5.232786	5.264119
-0.075	-0.075	0.240095	0.492956	0.267195	0.33306	-0.075	0.320096	0.240095	0.06745
2.741325	1.31722	2.661507	2.55013	2.223901	1.151982	2.577851	1.652644	2.871316	2.344145
3.202487	3.371673	4.271868	3.073597	3.328109	3.708552	3.355807	3.472572	3.045124	4.446927
2.128977	3.95797	3.779706	3.48144	3.897976	4.522875	3.056429	1.609873	3.934738	3.959085
1.768451	1.716389	1.538528	1.658114	1.366919	2.394968	1.921215	2.020177	1.910575	2.259415
3.722814	4.471696	3.199173	3.20812	4.338502	3.935103	3.917104	3.578459	3.029598	3.913228
6.938801	6.459886	6.250173	5.933496	5.598275	6.828812	6.252217	6.404653	5.974314	5.241908

2.891118	2.801239	1.860821	2.746403	1.381465	2.633105	2.17862	2.343078	2.18112	3.132714
0.740828	0.473209	0.502674	0.596198	0.34795	0.622956	0.587152	0.521942	0.325809	0.336928
3.890255	3.900367	4.040952	5.039197	3.982191	3.718003	3.565625	4.548868	4.257764	4.471325
3.083188	2.991352	2.904991	2.049013	3.161352	3.428146	2.809663	3.196683	2.371314	2.548245
4.063538	2.533989	1.231746	6.426483	3.353851	1.027926	0.328084	4.726926	4.73188	1.00281
1.653639	1.150082	1.494052	1.248877	1.428568	1.268651	1.299747	1.00712	1.158573	2.339957
0.062481	-0.04619	-0.03666	0.112597	0.256208	-0.01787	-0.06554	0.160269	0.486805	0.183259
4.353444	4.641938	4.739198	4.973994	4.180767	5.846514	4.568302	5.391663	5.066676	6.056528
3.110662	2.824112	3.864791	2.646214	4.52378	2.900301	3.23036	3.439835	4.528015	3.472253
5.323926	5.363711	5.322413	5.369614	5.451312	4.831773	5.376084	5.058969	5.231593	5.761542
6.316915	6.626977	5.514787	5.413661	6.362248	4.768401	6.109766	3.937539	5.462113	5.423641
2.38926	2.571932	2.743993	3.893171	3.60435	2.907808	2.600738	3.81325	3.972263	3.901417
2.59409	3.346977	2.561898	2.642247	3.033733	2.930662	2.897612	2.398066	2.791329	3.852535
3.686679	3.655137	3.599791	3.805409	3.421525	3.585796	3.295405	3.56498	3.629132	3.243368
-0.00805	-0.14293	0.415113	-0.06762	0.75935	0.595013	0.809792	-0.01975	0.713538	1.903081
1.822463	0.797644	0.171823	3.413143	0.573348	0.155033	0.331442	2.060015	2.985684	0.086216
0.730481	1.103798	1.153501	0.295168	0.217129	1.283294	0.409842	0.627301	0.326344	2.346737
0.582781	0.056383	0.621795	1.243081	1.909976	0.894795	0.899141	0.463659	1.327595	-0.00716
6.349603	6.454104	6.880995	5.641828	7.270541	6.122679	6.886657	5.66336	6.531601	5.985889
2.708421	2.543388	3.055435	3.160704	3.381768	3.192959	2.92216	3.829219	3.723945	4.265435
5.077411	5.067392	4.530394	5.011586	6.206087	4.387299	4.640604	4.430697	4.210847	3.284332
3.154015	3.570752	3.738841	3.523056	3.441668	3.893999	3.228239	3.70276	3.47473	4.061537
3.692482	3.37734	3.221227	2.373372	2.456461	5.472774	4.132575	4.887637	3.235009	4.146461
2.961595	3.472356	2.615874	2.436866	3.121726	2.748044	3.594069	2.73023	2.717776	2.695388
5.158508	5.874711	5.878421	6.232256	5.282671	5.862862	5.410429	5.384468	6.105689	5.113103
4.501736	5.283354	5.185999	4.597313	4.273729	3.778433	5.040081	3.044312	4.617219	2.991456
1.967493	2.753269	2.013484	2.509476	2.105669	3.250985	2.130655	2.375457	2.243968	3.161483

CGGA_90	CGGA_90	CGGA_90	CGGA_D0	CGGA_D0	CGGA_D1	CGGA_D1	CGGA_D2	CGGA_D2	CGGA_D2
0.788608	0.899843	1.410596	0.872932	1.083051	1.045612	0.84544	0.340419	1.163468	0.894506
2.102199	1.525091	1.553489	1.492409	0.807005	1.749237	0.58063	1.067875	1.408996	1.22927
5.008592	4.424097	5.662127	5.423072	5.038156	5.646891	4.889283	6.345033	5.042444	4.559043
2.796678	0.582075	3.249148	1.723381	4.589823	2.662401	3.389903	3.925537	3.245376	2.913911
0.926216	1.057224	1.398976	0.852659	0.59706	1.429556	1.081954	1.120594	0.920699	0.990702
7.06104	5.910304	6.617842	6.081885	6.297698	7.66066	7.072095	7.102211	6.299032	6.518017
5.889432	5.144205	5.492029	5.796086	5.834039	5.471434	5.306278	5.628229	6.364951	6.215015
0.602794	0.508147	1.307693	0.489593	0.743044	0.280199	0.874023	2.680886	0.85076	-0.21581
-0.00328	0.058638	0.902266	-0.00328	0.824186	-0.00328	0.058638	0.243828	0.100431	-0.00328
4.946856	5.897342	5.559058	5.518176	4.58229	6.102832	5.517864	5.80041	6.525384	4.890195
4.320079	4.993739	4.665765	4.545256	4.248459	4.037587	4.919041	4.40331	4.623956	5.493467
2.399249	2.575451	2.959831	2.625455	2.122457	2.758766	2.857987	3.516401	2.832852	2.285859
2.088045	1.568374	2.18689	1.356492	2.622151	1.780182	1.393081	2.034699	2.148089	1.737121
3.5559	1.429164	3.54454	3.918176	4.112314	2.307063	2.157963	2.957501	3.491955	3.331997
4.722241	5.972224	5.763969	4.916651	4.349497	4.892058	5.327776	3.698598	5.565377	4.361347
2.426366	3.072765	3.383196	3.046007	2.245176	3.691423	3.030965	2.426366	3.268122	2.24753
1.584092	0.764334	1.198652	0.107188	0.298872	0.930766	0.521393	0.431795	1.579883	1.011162
8.323969	7.302855	7.647778	8.25175	7.773833	8.795643	7.612538	8.109307	9.368992	8.825356
4.068849	4.989432	5.339728	5.375109	4.227077	5.015974	6.25673	4.591076	5.836873	5.383627
3.628524	3.651444	3.330521	3.776133	2.545257	4.311749	3.03312	3.194885	4.396781	4.429965
3.315989	3.306359	3.841828	3.394534	2.910379	2.841027	3.399153	2.583845	3.036974	3.5646
4.458099	4.651816	3.545249	4.481253	1.928469	3.148689	3.020148	3.668978	2.050197	4.177292
2.79252	2.738493	3.048079	2.67391	2.397303	3.173232	3.072274	3.221836	3.23039	3.117984
0.197817	0.453797	0.948591	0.050515	0.107918	0.432679	0.4468	-0.00981	1.296685	0.153719
2.837577	2.709624	3.622074	2.492113	2.722969	3.933216	2.803582	3.088928	3.247603	2.442496
3.026278	2.969316	2.732309	2.904083	1.730806	2.947097	2.893136	2.664297	3.270498	4.544481
0.858627	0.772429	1.532141	0.605886	1.1593	0.944004	1.111342	0.394868	0.672806	0.67929
4.838731	5.4319	4.98523	3.818353	3.99316	4.645701	5.047768	4.1955	3.747254	5.559485
2.331655	2.0682	2.712091	1.982436	2.650291	2.495127	2.315872	4.809563	2.201453	1.388967
4.170037	4.347341	4.622437	4.208354	3.901233	4.938094	5.019761	4.299688	4.745466	4.337715
3.300929	2.943529	1.499799	2.225025	1.413165	3.044924	0.689548	1.404638	3.153833	2.670916
3.452614	4.623109	4.848539	4.27897	4.516722	4.036083	3.877284	5.595703	4.410017	3.710992
5.516225	5.255132	5.588545	5.835913	5.212991	5.465603	4.824473	5.74304	4.337924	6.998964
2.159606	2.680714	2.636361	2.658709	2.000151	2.643102	2.336775	2.963158	2.996813	2.550494
1.251822	2.852184	2.205674	1.886237	1.623303	2.27966	1.641717	3.79716	2.978323	2.044202
2.630751	3.024772	2.405237	2.587405	1.435452	2.733463	2.3914	1.260823	2.871776	2.355263
4.697469	5.279621	5.264162	5.459931	4.831877	5.183853	5.966438	6.656004	5.302078	5.802936
4.297624	3.34108	3.70584	3.45655	3.789806	3.325048	3.534555	3.890411	4.282098	3.696725
5.208148	4.389546	4.640771	4.228209	4.732919	4.791867	4.168675	4.012152	4.825771	5.213746
-0.08958	-0.09953	0.761192	-0.06033	0.483579	-0.08958	-0.05077	0.048868	-0.01339	0.022655
-0.06758	0.432595	0.674874	-0.15623	0.1911	0.101626	0.876565	0.404017	1.551517	-0.05694
2.173496	1.848975	2.549809	2.319465	2.766292	1.546457	2.504785	3.54834	2.720209	2.777602
3.755456	3.092948	2.279398	1.862106	1.331161	3.994079	0.380337	0.458286	3.889864	3.02994
1.569584	1.315693	1.947444	1.207837	1.141868	0.257497	1.334034	1.207837	0.843048	1.359277
0.079433	-0.0853	1.282338	0.529242	1.270217	0.375324	0.228456	2.27923	1.632444	0.353608

10.8794	9.980848	9.394555	9.372677	10.32279	11.35043	7.935637	9.101326	10.87681	10.27235
5.837378	6.25174	6.802285	6.400826	6.287384	5.353754	6.528473	7.250225	6.714399	4.831248
3.612456	3.161349	4.833941	4.005839	3.164877	4.894099	3.250168	5.298481	5.597254	4.23212
0.169891	0.793561	1.150372	0.23874	0.798968	1.461261	0.851813	0.482027	1.673492	1.385264
0.390377	0.727647	1.059848	0.634099	0.713662	0.363455	0.230351	1.048871	1.086911	0.390377
0.533738	0.892803	1.90049	-0.11822	1.655274	0.482917	0.614647	0.375553	0.318711	0.653458
1.406381	1.945863	2.402586	1.899865	1.423376	2.36702	1.971861	1.534091	2.520804	1.800776
3.913261	3.752386	3.356147	4.025769	4.609706	5.665366	3.958305	4.609706	4.793018	4.147943
4.027623	3.612538	3.932543	4.393753	4.091213	4.991928	3.510638	3.376856	4.617991	4.2824
0.271307	0.029296	0.612119	0.046325	0.134987	0.512994	-0.08933	0.003181	0.437044	0.271307
0.308488	0.018627	0.751946	0.136311	0.428217	0.499739	0.029777	0.343837	0.574846	0.146499
8.80203	4.930222	6.29936	8.88236	6.638678	7.816044	6.485889	6.73139	6.461315	7.815915
8.980562	8.955754	8.393421	9.567468	8.51178	9.47978	8.980642	8.883436	9.15642	10.07187
2.3573	2.511893	4.470242	2.953437	2.753292	3.677487	3.585901	4.795536	3.744599	2.839128
1.4988	1.369504	1.67981	0.755774	0.774991	1.242695	0.574296	1.414045	2.13006	1.591175
4.467597	4.782165	4.868965	4.494173	5.915995	4.239342	5.044758	5.949699	6.012697	4.258706
2.132555	0.216379	0.827866	0.065641	1.626801	1.981208	0.351324	1.602759	3.940753	1.746154
3.204868	3.119416	3.590263	3.070417	2.21573	3.026344	3.587154	4.085387	3.764606	2.973053
0.888058	-0.0553	1.034761	0.511547	0.918769	0.259135	0.835182	2.125924	1.846641	1.570974
8.559538	7.853028	7.253793	10.64494	10.29584	7.466693	8.599002	9.704345	6.56671	9.822101
3.220994	3.43771	3.19292	2.966294	1.468194	2.714216	3.239477	2.494229	2.950245	2.382758
3.760122	3.974875	3.653181	3.726669	2.922116	4.067085	3.650263	3.414999	4.431752	4.214853
0.310899	1.17756	1.008415	0.362909	0.581253	0.581253	0.5273	1.510607	0.779447	1.12941
4.758735	5.270924	5.599549	5.687975	4.908794	5.604729	5.098663	5.957562	5.890755	5.694243
3.236464	3.1103	3.436023	3.208357	2.889201	3.303844	3.463041	4.896766	3.706737	3.465104
2.347351	2.471003	1.587867	1.696747	0.722811	2.963191	0.413728	0.605462	3.476847	1.911958
2.207622	2.264462	2.700333	2.344519	1.555517	3.307217	2.07596	2.618203	2.791714	2.892657
2.763257	2.901643	4.175124	3.968562	4.426541	4.007498	3.856252	7.073516	4.417982	3.269753
2.964629	2.525162	4.419594	3.395632	5.717964	4.685778	4.123837	6.389049	4.078824	3.927924
4.19462	4.207152	3.627881	3.808849	4.958829	5.16444	1.933378	4.027425	2.486933	2.136543
3.151324	2.876834	3.193434	2.976938	3.451931	2.484399	2.043548	3.161581	1.947436	3.357737
3.631712	2.469641	2.331915	2.226142	1.78714	1.982172	1.756317	1.27264	4.589635	3.297161
2.444918	3.546331	2.953617	2.562732	0.969134	2.725731	3.015743	2.331497	2.782955	2.339686
2.663153	3.119441	3.507983	2.943581	2.689909	2.687693	3.507983	4.617083	3.215679	2.511747
1.479526	1.903057	2.505422	2.04694	1.744416	1.363939	2.626393	2.298405	0.646436	1.516582
3.748865	4.342894	4.507778	3.415545	3.10379	3.435552	4.458854	3.271368	3.194788	4.506266
7.188887	7.907903	7.230658	8.153352	7.722555	7.55302	6.111253	7.785518	7.637582	7.697887
0.693881	1.279105	0.948018	1.111299	0.40421	1.08736	0.612127	1.471413	1.300062	0.837408
4.601264	5.405958	4.894193	5.803125	5.561655	6.175189	5.547638	5.03881	5.931824	5.349908
0.282773	0.244693	1.436873	0.426058	1.206008	0.426058	0.282773	0.770196	0.218755	0.6673
2.860153	3.369577	4.106907	3.55881	2.376488	3.118768	3.228844	2.266607	2.699577	2.116684
3.372939	2.956887	2.570564	2.936588	2.595848	2.56256	3.042836	3.854366	6.287172	4.929489
2.18692	2.174909	1.893168	1.741406	0.926666	1.282972	1.582575	1.767311	2.780994	2.522216
2.48873	2.732503	3.080343	2.377431	2.289355	2.48873	3.329237	2.43316	3.996653	2.740842
3.350932	3.687513	4.899628	3.423605	4.979693	2.770016	5.239328	2.008634	4.247275	2.916633
0.085375	-0.14821	1.122451	-0.15827	0.317641	-0.04323	-0.24231	-0.12836	0.638278	0.257152
4.057607	3.37449	2.465297	2.708217	2.133882	4.252869	0.774028	2.055092	3.830123	3.418

3.696672	1.876058	2.07028	0.68406	0.426351	1.681721	0.54078	0.061507	1.297472	1.737246
3.511285	3.378001	4.254095	3.690556	2.940734	4.112858	1.813519	3.189037	4.257537	4.127245
1.510749	1.774638	2.167545	1.678021	1.411053	1.43884	1.212941	1.290018	1.84089	2.397191
3.205631	3.312077	3.425377	2.935614	2.629523	3.615151	3.901227	3.924946	3.576669	4.649972
3.136101	2.992273	2.563803	3.549354	1.732974	3.238628	2.783363	2.930172	3.294255	3.064103
6.905661	7.248129	6.464916	6.050328	5.556213	7.651243	6.498775	4.782842	6.069422	5.723902
2.839211	2.463847	2.528958	1.541882	1.874494	1.877344	0.556052	1.099989	3.819257	3.121167
7.963847	8.11142	7.556596	7.228048	7.006339	6.228435	7.292098	6.584349	6.836884	7.45143
1.880037	0.702842	1.839982	1.350494	1.928532	2.525132	0.68894	2.78558	3.169318	0.9042
2.26416	1.702051	2.205265	1.205958	1.03985	2.491623	1.531556	1.487086	1.4164	1.531556
2.403848	3.140239	2.615466	2.456445	2.072551	3.230202	2.536291	2.25789	3.617386	1.629625
-0.02807	0.223845	0.415989	0.125207	0.649977	0.890117	-0.06362	-0.01645	0.017751	0.341056
8.969316	7.984581	7.534705	9.05367	8.476997	6.829024	8.31304	8.764005	7.949521	10.18572
4.055459	4.471061	4.95023	5.165646	3.513467	4.61863	3.951603	4.824607	4.472429	4.101977
2.845547	2.572345	3.050217	2.627208	2.331922	2.781764	2.361686	2.317678	2.941338	2.866923
0.561152	0.313066	0.882875	0.608802	0.434003	0.544883	0.008057	0.561152	0.920457	0.520101
2.646632	4.376323	4.36836	4.37261	2.829286	4.378971	4.804662	3.342205	5.288988	2.663655
2.069343	1.400953	1.107584	1.062105	1.301537	1.448027	1.569561	0.751147	2.095766	2.032453
2.303231	2.850265	2.515672	1.797515	1.123824	2.400915	2.482649	2.721997	3.442978	2.200128
2.829754	3.197681	2.797514	2.710638	2.306804	3.002447	3.186129	2.392075	2.705484	2.890875
0.003009	0.100619	0.306592	0.003009	0.180372	0.135403	0.169276	0.439784	0.265873	0.123912
0.03337	0.055811	0.70845	-0.03658	0.401189	-0.03658	-0.03658	-0.03658	0.151907	-0.0011
2.77171	2.732137	4.036923	3.890343	3.56217	3.028451	2.92141	3.79379	3.950169	4.211574
4.730872	4.200009	4.918594	5.509438	4.304509	1.935035	4.519726	3.365742	3.095023	5.682675
4.698276	4.732464	2.583099	2.956438	1.922496	1.824065	3.16882	2.931931	3.05434	4.186789
2.711933	3.664921	3.334654	3.090823	2.254929	3.738107	3.277443	2.139349	2.961476	2.488851
3.909237	3.864665	3.610563	3.437191	3.238764	4.133778	4.199588	3.110064	3.164956	2.83357
7.834392	7.399453	7.345924	8.671226	6.762031	6.987549	6.530901	7.367921	6.192546	8.0011
-0.08309	-0.08309	0.797138	-0.06707	0.55447	-0.08309	-0.02085	-0.03597	-0.00602	-0.08309
1.439714	0.57943	0.911078	0.137531	0.903823	0.692947	0.426414	0.100205	1.710441	0.974802
2.752829	3.422884	3.837393	2.998649	2.136327	2.832336	2.606374	2.767327	2.277181	2.217914
6.382404	6.93172	5.820815	6.798397	6.812572	8.022273	5.951774	8.035904	7.395324	7.113592
0.080636	0.053701	0.414208	-0.00167	0.280249	-0.0739	0.067229	-0.00167	0.080636	0.220684
-0.0119	0.068572	1.074137	0.097438	0.162261	0.443194	-0.12053	0.84876	0.298705	0.097438
3.940805	3.915612	3.910776	3.080678	2.700515	3.159791	4.238064	3.149964	3.778028	2.844082
5.584258	5.121765	4.988888	5.615877	5.884304	4.747233	5.880483	6.767789	5.839652	5.786514
5.0056	5.333591	5.36659	5.481175	5.329942	4.792998	5.83836	5.570225	4.200815	5.514357
5.221353	4.335794	4.527799	4.756116	4.422312	3.820736	4.234452	4.825844	3.696279	4.409954
3.911445	3.295642	4.284026	3.855168	3.299178	2.981442	3.5495	3.275177	4.324071	3.585288
0.492014	0.88283	1.186792	0.587972	0.966575	0.700758	0.379591	1.150834	1.150834	1.113731
4.414643	3.644134	3.722995	4.129931	5.067051	5.119771	3.969243	4.367438	4.27216	3.60814
-0.04249	-0.04249	0.363946	-0.00519	0.33621	-0.04249	-0.04249	0.208437	-0.00519	-0.04249
5.691908	5.106771	4.830872	5.609846	4.915568	6.308727	4.809081	6.327702	7.382762	5.049014
4.206693	3.277686	3.465777	3.665601	2.95409	4.134253	3.929298	3.510691	4.027812	3.98143
4.439985	4.305553	4.48696	4.200421	3.1214	4.215527	4.1262	3.841416	5.138414	4.463626
2.007948	3.005041	3.16822	1.820402	1.133117	2.74301	2.361384	2.085176	1.758968	2.297674
3.437319	3.08515	4.728062	4.200157	4.880893	3.963069	3.656815	4.253837	4.716842	5.139989

0.615731	1.697001	2.760961	1.538845	1.700836	1.760853	2.832538	2.251203	1.301757	1.560119
0.057833	-0.03005	0.571424	0.18075	0.306516	-0.03005	0.330457	1.72434	0.318534	0.113703
3.141786	4.46156	3.722488	3.202208	3.701402	2.774643	4.933217	3.217578	2.527757	4.570978
0.329051	0.245019	0.408455	0.245019	0.329051	0.38247	0.315381	0.245019	0.315381	0.329051
0.115314	0.010045	0.482134	-0.04567	0.023638	0.165161	0.165161	0.501593	0.089719	0.140456
7.550048	5.700694	5.652047	6.300606	5.987932	6.160043	5.41354	6.462532	6.074904	6.571666
4.626742	4.590767	5.25635	4.695984	3.511482	4.103965	3.778216	3.48257	3.367661	4.564219
2.282484	2.307034	2.560407	2.036073	1.838206	1.835945	2.735057	2.277524	2.036073	1.778217
1.925002	2.375902	1.749413	2.245111	0.906411	1.597869	1.511341	1.679437	1.330377	1.873245
6.062748	5.707152	5.97345	6.225287	6.254695	6.56647	5.019172	5.741655	6.84448	5.877736
0.178922	-0.02556	0.486893	0.121044	0.112492	-0.02556	0.003635	0.013179	-0.02556	0.013179
1.430424	0.994591	2.045319	0.662854	1.159294	1.468541	0.424415	0.273897	2.011538	1.348192
2.56056	3.955187	2.675063	2.644307	1.732574	2.496388	2.940158	2.089908	3.357308	4.051446
6.966095	4.36436	4.939413	6.393185	5.663074	5.843184	3.931196	5.431561	5.322508	6.000628
0.352414	0.080342	0.352414	-0.11167	-0.02514	0.088681	0.0289	0.345901	2.307431	0.403146
-0.04607	0.085654	0.962754	-0.05612	0.500744	0.294699	-0.02625	-0.02625	0.6156	0.358633
3.718596	4.065202	4.773182	4.809155	3.662611	4.738312	4.535644	3.079826	4.269628	4.489465
5.200305	4.608525	5.331755	5.948845	4.824768	5.119914	5.090681	7.559016	5.545676	6.169218
-0.03583	-0.02312	0.590773	-0.01054	0.682234	0.00193	-0.03583	-0.02312	0.097591	0.00193
8.525799	10.59771	8.441855	9.951008	8.959305	9.927498	9.353035	8.571717	9.050822	9.830997
4.48048	4.437492	4.759085	4.657402	4.275569	4.315536	5.00671	3.923831	5.073431	5.160626
0.095691	1.12003	2.51589	2.643478	0.728155	1.247789	-0.07705	3.496973	0.654406	0.615829
6.71531	6.082266	4.955073	3.818007	5.84064	4.932729	4.963338	5.395359	6.794481	5.232212
3.056886	3.498224	3.98222	3.845082	2.737125	3.680156	4.474765	3.686668	3.708202	4.240078
3.312396	3.269427	2.868443	3.727397	2.538191	3.763085	1.900462	3.681611	3.007589	4.117946
1.281765	1.015821	1.345405	0.780729	0.884355	1.116827	0.463302	0.738089	1.36849	1.162299
0.006662	-0.02435	0.592399	-0.02435	0.036787	-0.02435	-0.02435	-0.02435	0.0168	-0.02435
0.526173	0.516537	0.385025	0.582674	0.601026	0.308901	0.689433	1.399362	0.756449	0.680832
4.887894	5.169947	3.561634	5.115478	4.196075	6.237174	2.976947	4.427781	5.202881	5.694206
2.12303	1.61905	3.945958	2.392326	2.641603	1.654493	2.31037	2.703347	3.918651	1.3745
2.016455	0.737647	2.374778	1.353029	1.247932	3.172565	1.279246	0.826109	3.229936	3.066189
5.615366	5.116978	5.431051	5.298027	5.438993	5.588217	5.809008	4.785397	5.709451	5.438313
0.099072	1.742557	1.399833	1.473614	1.095703	1.234066	0.109744	2.84382	0.260252	0.47018
4.724394	4.193836	6.25105	4.22604	5.458529	3.927165	4.79693	4.958563	4.699687	5.122776
0.543273	1.241775	2.360993	1.115372	2.349149	0.610491	1.170247	1.20624	1.681836	1.078179
3.088828	2.719741	3.333635	3.104994	2.384084	2.248917	3.159974	3.483127	3.659084	3.328678
0.953446	1.130375	1.194069	0.738155	0.583447	1.133808	1.08842	0.650654	1.235863	2.734239
0.901744	-0.05703	0.990325	0.078012	0.371371	0.378976	0.007245	0.508011	0.340448	0.363717
4.76781	5.02052	5.054813	5.272014	5.066387	3.78588	5.43962	4.987364	4.54367	4.791774
5.615107	5.565799	5.458949	5.684542	5.394657	5.765904	4.049684	4.757125	5.835618	5.005549
0.910938	0.853225	1.108915	0.209095	0.593673	0.948074	0.063523	0.468646	1.222977	0.685904
3.698525	3.518433	4.283486	4.631989	5.182529	5.720837	4.537942	5.560573	4.924795	3.850052
7.019397	7.470512	7.711064	8.293284	6.987221	7.229486	6.749297	7.263715	5.44289	7.986432
0.108074	0.872461	0.847229	0.265256	0.201729	0.135427	0.821571	0.441291	0.188698	-0.03661
3.201905	2.720256	3.003404	2.75755	2.352286	2.578556	2.888641	3.066838	2.462423	2.662393
3.00016	2.133925	2.043975	0.641959	1.380717	2.671979	0.767329	1.238735	1.940424	2.097881
2.662254	2.398839	2.437168	2.150907	2.367603	2.359328	1.040097	2.141099	2.228311	2.596142

4.650829	4.281043	4.110436	4.092774	3.498067	3.882014	3.987102	3.764424	3.268255	4.47451
1.62909	2.098639	2.652508	2.937475	1.728663	2.154327	2.065083	1.152125	1.762332	2.296773
3.108596	1.533806	3.533073	3.504164	2.698666	1.549772	2.41095	3.303349	1.421087	2.274488
3.078891	3.800212	2.703893	3.699271	2.173026	4.207881	2.607215	3.014875	4.091687	3.873798
9.730426	8.920504	8.839544	8.62294	9.876241	8.845496	8.107628	8.33535	9.43394	9.049328
4.911834	5.099083	4.539215	5.898571	4.18967	4.120421	4.29776	4.505747	4.07462	5.433735
4.111226	4.155835	2.174285	2.324387	0.639273	3.341978	0.573502	1.793938	4.158933	2.916446
7.348328	8.101606	8.126553	8.855233	8.780611	7.734676	7.782635	7.726376	5.630186	7.650492
4.565204	4.301123	5.034677	3.945279	3.486363	3.466644	5.004276	3.990681	3.532292	4.688756
3.135448	3.819244	3.747114	3.020151	2.189351	3.457904	3.743079	3.52518	3.457283	3.458525
0.612987	0.172588	1.762275	0.375722	1.570568	0.273229	1.678271	1.559662	0.781441	0.375722
2.395151	2.752234	3.06591	2.910704	2.010303	2.83958	2.945235	3.580663	2.889661	3.913587
3.857463	3.268794	4.209323	4.457653	4.022227	3.789679	3.777672	4.410211	3.411213	3.916613
2.5553	3.176386	3.297181	2.628324	1.374059	3.294167	3.368299	2.529684	3.263787	2.702934
1.481271	1.841109	2.642187	1.741677	1.354982	1.541846	2.064836	2.19175	1.953163	0.899134
2.842295	3.178252	2.536809	2.128858	1.723059	3.491653	2.454879	1.89826	3.225144	2.798306
1.53918	1.765075	2.170213	1.559553	1.623124	1.19945	2.115934	1.739815	1.915669	0.968204
3.154943	3.222212	2.535891	2.627905	3.029286	3.438721	3.128905	3.326324	2.746071	2.351265
2.474306	4.617226	4.392238	2.522428	5.123556	5.240665	3.734387	3.430351	2.893233	4.400487
3.429548	3.999745	4.09882	4.718753	3.726135	4.05661	4.425491	3.870674	4.055089	4.469864
0.774178	1.238159	1.100968	0.537576	0.914806	1.586858	0.67128	0.637395	2.325414	1.968242
4.552264	4.475809	4.417519	4.979626	3.376743	4.702046	4.477182	4.7699	4.423826	4.932049
1.764667	1.988338	2.377779	1.285104	2.045466	2.634763	2.028579	1.050012	6.125784	2.911998
4.278484	4.272531	4.552277	3.941404	3.848135	4.544588	3.819267	3.549863	4.916991	3.955135
5.03539	5.232975	5.301073	5.041623	4.120358	4.696301	5.214032	4.780188	5.23174	4.049933
5.146869	4.031294	5.270915	5.190418	2.853504	4.220078	5.232644	5.612962	4.837995	4.835783
4.830968	5.055166	4.588015	4.511684	5.118614	4.706216	4.160968	4.630513	4.85498	5.080864
4.53269	4.913916	5.212222	5.344681	5.039639	4.868345	5.459009	5.26668	5.339514	5.415617
7.194168	7.365697	6.792267	7.070653	7.303013	7.491102	6.208951	6.902849	5.054689	6.579307
5.331096	5.617384	4.988407	4.843413	4.940729	5.117639	5.679594	3.631489	4.076623	4.826935
3.674514	3.498834	3.431186	3.547069	1.97607	4.216023	2.193278	3.412765	4.220196	3.772639
6.269105	7.111114	6.160173	6.411548	6.2945	6.610008	7.342496	4.668616	6.279157	5.474707
2.467483	2.832202	2.926061	2.626931	0.988778	2.779173	3.222375	2.265636	2.34794	1.791311
2.714167	2.249169	2.466562	2.100961	1.951701	2.642598	2.184833	1.957847	3.009793	2.464387
2.710066	2.065812	2.887444	1.845888	2.282465	2.818349	1.241755	1.631724	3.01359	2.35147
2.633948	2.112695	2.011299	1.872257	2.573805	2.553902	2.875168	2.139011	3.119495	3.203777
0.223999	0.160025	1.294722	0.192381	0.418141	-0.17122	0.244683	1.210404	1.200138	0.445051
4.724128	5.6602	5.308067	4.388741	4.290718	4.791379	5.289704	4.720868	5.528604	4.455415
4.549915	4.648853	4.61491	5.664775	4.636792	4.906552	3.451761	4.248742	3.561301	4.655578
5.493775	5.691735	5.656064	5.326028	4.734365	5.718074	5.556076	4.949884	5.872852	5.247802
-0.075	0.141589	0.732627	0.198595	0.712219	-0.075	0.052215	-0.075	0.212545	0.082546
4.534714	1.946157	2.213059	3.248862	2.165004	1.254375	1.306348	2.297371	1.390887	3.999097
3.031586	3.697564	3.462979	3.101678	3.05354	3.736366	3.767356	3.213387	3.403037	3.351459
4.982429	4.679027	3.353245	3.299745	2.335842	4.734224	3.189966	2.491033	7.218845	4.453897
1.79957	1.275481	2.125028	1.845013	1.822473	1.091983	1.387608	1.732611	1.20138	1.3773
2.964702	3.904156	3.76197	3.257556	2.451889	3.753638	3.697266	2.41883	3.118822	3.083191
5.875494	6.699917	6.894782	6.836472	5.927092	6.838966	6.098403	5.894823	6.727926	6.057401

2.418671	2.861117	2.655991	2.354406	1.928679	2.886155	2.629261	2.974957	3.274556	1.676763
0.268695	0.336928	1.292091	0.473209	0.724649	0.732764	0.492929	0.291851	0.291851	0.391099
4.083378	3.778625	3.563267	3.933073	3.603777	3.790688	3.844501	5.306959	5.564148	4.350333
3.646985	4.16432	3.328184	3.698199	2.15633	3.825138	3.111055	2.957008	3.109948	3.30618
0.533482	0.460032	1.100614	1.686297	1.907942	0.591807	1.831863	6.316006	3.259379	0.959894
1.843527	1.601296	1.978118	1.50413	1.604426	1.510811	1.487295	1.644536	2.322771	2.428372
-0.01787	0.009654	0.566719	-0.03666	0.752502	-0.06554	-0.04619	0.256208	-0.01787	0.104421
5.419637	5.923597	4.850831	5.996827	4.56141	5.898348	4.500197	5.104191	5.82574	6.001237
5.772772	3.753805	3.127337	3.001427	4.230409	6.058703	1.918788	3.40966	5.413487	5.419238
5.543181	5.1122	5.698061	5.57718	5.071293	5.827263	5.390117	5.461394	6.457056	5.626309
6.103152	6.296381	5.358551	4.201491	5.137717	3.876399	6.210696	5.813056	6.223487	5.684911
3.672423	3.888347	2.722919	3.514525	3.4732	4.179231	2.354721	4.225831	3.096181	4.406693
2.813089	3.27229	2.978377	2.515457	1.712906	2.814752	3.180863	1.749125	3.428227	2.294829
3.385676	3.419381	3.230948	3.671883	3.078415	3.353294	3.635459	3.628225	3.550585	3.473946
2.248071	1.29405	0.910859	1.206097	0.999264	1.38038	-0.14293	-0.04346	0.273337	0.899372
0.346633	0.13808	0.435119	1.184486	2.68982	0.237423	0.820885	3.87996	1.127266	0.155033
1.156747	1.365872	1.768056	0.597672	0.838538	1.28035	0.821843	0.979815	2.458122	2.509275
3.201126	0.958367	2.610372	0.63813	0.746569	1.290776	0.530654	0.438326	2.58557	1.998927
6.491577	6.388818	6.864214	6.009304	5.870979	5.590452	6.195439	6.187625	6.465618	6.069854
3.585381	3.238794	3.549797	3.464133	3.413424	3.384667	3.271321	3.157448	4.014613	3.544469
4.11548	4.099262	4.852441	4.476803	3.768508	4.008505	4.608262	4.392228	3.702633	3.937852
3.201838	3.437265	3.513845	3.417747	2.719087	3.294299	3.822479	3.390735	4.000473	3.60203
3.757845	5.55131	3.222484	3.709533	2.985354	3.754178	3.786904	2.870145	3.77062	5.00595
2.844456	2.679807	4.13402	2.264585	2.340766	2.22314	2.213565	3.764007	2.705223	3.496125
5.891011	5.927095	5.730183	5.831468	5.478272	3.880733	5.703678	5.638977	3.591183	6.146066
5.000806	3.770822	4.830334	2.797892	4.206526	3.394727	5.310443	4.201517	3.369394	4.145183
2.697296	2.634174	2.69471	1.74016	1.588503	2.318913	2.97451	2.318913	2.406117	3.282962

CGGA_D2	CGGA_D2	CGGA_D3	CGGA_D3	CGGA_D4	CGGA_D4	CGGA_D4	CGGA_D4	CGGA_D4	CGGA_D5
1.114931	0.546038	0.601088	1.580558	1.078431	1.577435	1.626514	1.163468	0.823011	1.251283
1.021692	1.072911	0.685235	1.062822	1.532247	1.408996	1.549972	1.84585	1.174497	0.253748
4.638242	5.06213	4.843112	4.251584	4.878356	5.078412	4.433509	4.906104	4.499606	5.41718
1.95392	3.340749	4.3261	2.431737	4.199928	3.846201	1.793259	1.558337	5.732798	5.552353
1.80304	0.432426	1.339682	2.322417	0.96421	1.651882	2.25073	0.904011	1.273398	0.958848
7.723472	6.600018	7.449319	7.608413	6.11409	6.833585	7.447158	7.285269	6.396688	6.714466
5.627609	5.553768	7.000841	4.962091	5.598079	5.946693	5.853063	6.128943	5.718021	5.67701
1.187281	0.489593	1.277798	0.864769	1.201631	1.277798	1.362321	1.274432	0.099131	1.661075
0.574409	0.140399	0.067151	0.460519	0.782496	0.361649	0.892003	0.658081	-0.00328	0.023772
5.751577	4.589154	6.200282	6.46644	5.016914	6.245385	4.028353	6.425101	5.803524	5.479243
4.398761	4.04199	5.712758	5.292417	4.797332	5.423996	6.206491	4.704857	6.366202	4.224106
3.925962	2.262752	3.126191	2.912061	2.485434	3.029162	2.719632	3.414765	2.477208	3.950422
2.514607	1.72617	1.925523	2.043715	1.758798	1.552101	2.573586	2.031682	1.869647	0.802622
1.68108	2.837868	5.178901	3.022024	3.850666	3.634565	3.369969	3.900223	3.422742	3.836922
6.099716	5.507136	5.392591	5.140221	4.33756	5.740174	5.320743	5.867966	4.554742	5.514833
2.921927	2.455884	2.915489	3.209016	3.832296	2.945865	2.866439	3.673655	3.175925	2.952194
0.516303	0.292746	0.805143	0.973381	0.469499	0.571142	1.594551	0.894064	0.856207	0.176788
8.301378	8.134392	9.285854	8.974539	6.312909	7.532313	9.316494	8.887677	7.691271	7.333762
6.121202	5.039065	5.725177	6.459588	5.730974	6.582855	5.591061	5.289031	4.279887	5.581236
4.458176	3.326171	4.27101	4.003198	3.531921	2.651493	5.599302	4.276873	4.186377	3.893502
2.935556	2.977478	3.02779	2.739848	3.429686	3.585784	2.806483	2.869048	3.45828	3.349342
3.662966	2.719067	2.961819	3.479218	3.370794	3.360478	3.464715	2.965772	2.97103	3.267883
2.973662	2.099844	2.79465	2.646555	2.545291	2.912438	2.745055	3.297523	2.430878	2.69418
0.566844	0.439761	0.901703	1.139283	0.579463	1.045649	0.93936	2.122248	0.215007	0.453797
3.453008	2.347757	3.231692	4.11369	3.315299	3.550705	6.215623	3.536781	3.825047	3.964305
3.207336	2.655755	2.58114	2.839715	2.821907	3.727226	1.655387	4.339855	2.798701	2.212911
2.047929	0.646501	0.317964	1.36604	1.574675	1.565691	1.781709	1.326063	0.563794	0.570917
4.787604	3.610158	5.043521	5.215806	4.007942	4.578517	5.473945	4.854575	4.627992	3.908058
2.998952	2.458805	3.209748	4.005158	2.637014	3.232827	3.047618	2.71049	2.070463	3.56357
5.066057	4.25331	4.714129	4.628424	4.142854	4.971103	4.654264	4.77427	4.632262	4.217661
1.260901	1.762768	2.853515	2.695698	1.003192	0.549979	2.848785	1.776068	2.584481	0.980452
4.496421	4.451953	6.970835	6.580093	4.858239	4.750146	4.521507	6.372824	4.336057	4.936245
5.088795	5.112522	4.896875	4.832909	5.280637	4.54916	5.517967	4.283933	4.926468	4.554764
2.369719	2.372431	3.17439	3.346114	3.192826	3.27585	3.22751	3.046702	2.710963	2.893373
2.529537	1.807785	5.145566	3.940174	2.14633	2.40783	2.494493	3.030188	1.898878	3.979145
3.152145	1.631634	2.33483	3.400381	2.444128	2.639282	2.351197	2.177241	2.652838	1.687953
5.329632	4.950833	5.3581	5.349412	6.23325	5.49333	4.723118	5.402314	5.46105	6.349292
3.851564	3.795593	5.202192	3.854365	3.41216	3.813801	3.942763	4.226336	3.518989	3.895895
4.797619	4.795591	4.60869	4.714591	3.446932	4.811416	4.77723	5.00386	4.523437	4.509146
0.858532	-0.01339	0.139543	0.460902	0.722124	1.171773	0.936624	0.699748	-0.03191	-0.0226
0.274398	0.352318	4.884229	2.644308	0.208226	0.250006	0.615678	2.57928	-0.03594	0.411225
1.925018	2.245023	2.988028	2.196614	3.059176	2.531427	3.121797	3.974751	2.567975	3.730515
1.114709	1.358069	1.682583	0.802701	1.271837	1.323385	2.287664	2.099168	2.839275	1.287886
1.510668	0.677955	1.107566	0.057066	1.799268	1.710097	0.502425	2.181928	0.550291	1.195723
1.076139	0.216566	2.100246	1.258002	0.885939	0.773056	2.177043	0.924357	0.143261	2.060384

8.478158	10.02375	11.95568	10.00896	9.232039	9.605978	9.836219	9.602798	10.88513	8.736315
6.374477	6.973039	5.903646	4.747781	6.131732	6.847036	4.876262	5.707433	5.018911	7.035971
4.200645	4.024271	4.745155	4.438134	3.539216	4.793099	3.395685	5.231359	3.963593	4.523265
1.162597	0.495793	0.956124	2.116222	1.470847	0.94655	1.554024	1.315281	1.952743	1.375009
0.872781	0.468125	1.253319	0.986887	0.860201	1.004071	1.861605	0.493096	1.086911	0.326719
1.446002	0.144288	0.886303	1.954232	1.616567	1.751295	2.630166	1.307007	-0.00499	0.065836
2.696791	1.926667	2.457788	2.97649	1.902322	2.77964	3.483682	2.205668	2.235435	1.865044
4.177968	3.85593	3.6463	5.040729	3.950848	4.380748	4.672137	5.068546	4.097578	4.461914
4.527989	4.803358	4.678685	3.624683	3.770213	3.500933	4.668874	4.420949	4.936189	3.26003
0.054728	0.046325	0.459357	0.20195	0.304211	0.502501	0.453827	0.378908	0.209113	0.020669
0.515112	0.452498	2.34237	1.005651	1.759249	1.111236	1.994617	1.629859	0.963057	0.126043
5.978637	6.288166	6.937458	3.970507	7.455558	3.703551	6.233584	3.89485	7.920146	6.899091
10.21747	9.35165	8.085997	9.481208	9.336835	8.87242	9.681442	9.46773	8.797477	9.257969
4.397445	2.775828	4.213849	5.167068	2.5254	3.336698	5.024468	4.559921	4.091008	4.106959
2.206908	0.330231	2.171501	0.96954	1.087265	1.949697	1.425669	2.076772	1.049195	0.826421
3.83808	5.255345	5.367811	4.679723	5.74012	5.599709	4.518102	5.327949	4.529193	6.033214
1.027392	0.887339	1.284378	1.791489	1.882531	0.637405	1.4206	1.236917	2.383931	1.778319
3.56527	2.291406	3.78879	3.408818	3.111652	3.662024	3.267228	3.50471	3.210444	4.32156
0.973235	1.4227	0.605264	0.447476	0.938843	1.093474	0.087587	3.625771	0.171706	0.552551
6.414585	9.09502	9.194712	5.330432	9.941733	7.029192	5.167081	8.494034	7.837732	9.134642
3.34884	2.01711	2.951588	3.763733	2.222888	2.475242	3.020107	3.298308	2.700437	2.308344
4.222914	3.527823	4.015842	5.42701	3.412807	3.692646	4.685721	3.949886	3.922034	3.307022
1.028184	0.461787	0.166528	1.110946	1.667859	0.862177	0.940561	0.748189	0.779447	0.154822
5.258237	4.596291	5.031512	4.679013	4.099264	5.137261	4.968121	5.879461	6.099139	5.109008
3.721203	3.131304	3.766591	3.361311	3.389405	3.43916	3.784099	3.705829	2.949641	4.269701
1.312426	1.373168	2.000467	1.547992	1.583235	2.02595	2.783871	2.046002	1.83489	0.897351
1.964984	1.964984	2.675862	3.854381	2.03704	2.136673	3.531668	2.856704	2.894354	2.197986
4.226676	4.330852	4.995134	4.112792	4.027987	4.271391	3.447563	4.551647	4.272166	5.841827
3.896553	5.26201	5.915669	2.577011	4.954286	4.524975	0.174203	5.468233	4.574737	7.121257
0.662884	5.64993	4.526002	3.394686	3.520514	1.891981	2.298238	1.073571	6.034514	2.153124
3.096098	1.921093	2.134701	2.084344	3.569412	2.640235	2.887103	2.416665	1.836533	1.691537
2.892375	1.74851	4.137358	2.842091	2.516994	2.158459	3.21897	3.498494	2.274493	2.787454
2.503821	1.894134	2.712401	3.862135	2.258269	2.850935	3.282706	2.818045	2.50569	2.614557
3.965555	3.081456	4.123326	3.845192	3.664511	4.075818	3.972625	3.466132	3.429559	3.623007
2.441282	1.939836	2.707046	2.113808	1.870084	2.449259	2.421142	2.686968	0.574778	2.596555
3.282089	2.594897	2.683233	2.469869	2.616868	3.365982	3.013318	3.813508	3.768143	2.636813
6.566339	8.096594	6.909911	7.437615	8.21461	7.644998	7.036025	7.027183	7.242317	7.672489
0.74078	0.40421	1.693213	1.462155	0.900675	0.725317	1.230797	0.612127	1.111299	1.038247
6.055176	5.36567	5.006931	5.674267	5.539591	6.028628	5.274575	5.705964	5.931397	5.002521
1.239375	0.437399	0.840808	1.011672	1.448389	1.521155	1.526608	1.448389	1.04211	0.368019
4.016245	3.193096	3.147897	3.294544	2.916217	3.553213	3.618591	3.844158	3.537282	2.906349
1.7075	2.436177	5.55127	5.605763	3.374657	4.419545	2.216872	3.470617	1.356838	1.776991
2.064623	1.416205	3.130549	3.229565	2.056783	1.930863	2.691461	2.349522	1.893168	1.318563
2.642377	2.675836	3.261178	2.681588	3.476693	3.376645	3.086012	3.298547	3.140591	3.175312
5.260106	5.796483	5.184835	3.164124	5.64107	5.898158	4.867738	5.419824	3.025132	5.300811
0.796801	-0.10886	0.628485	1.32465	0.652804	0.968124	1.031135	0.583297	0.148235	-0.21003
1.126749	2.675805	2.145697	1.089671	3.003303	1.718099	1.791557	2.270704	3.107084	1.751534

0.348752	0.115543	1.345314	0.278915	0.437119	0.404583	0.348752	1.017995	0.856161	0.193143
2.740808	2.8233	6.723104	4.083578	3.364032	5.300342	3.452977	5.447658	4.31833	2.322457
1.592299	1.363688	1.415717	1.755757	1.344359	1.197088	2.56195	1.600655	1.989255	1.081688
4.124633	2.535668	3.709157	3.659046	4.230936	3.66523	4.207231	3.705536	2.612014	3.899055
2.826276	2.455501	2.62671	1.879251	2.490862	2.745873	2.589823	2.919595	2.540332	2.175509
7.007485	5.952604	5.741212	5.849134	5.543454	5.63783	4.562166	6.924028	6.503464	5.182569
1.212957	1.614318	1.957816	1.293656	1.930534	1.477	1.728039	2.016211	2.207236	0.973125
6.361912	8.008067	5.668543	6.02212	8.105322	6.17082	6.744769	7.180499	6.012016	6.891809
3.783551	1.401584	4.004404	3.58984	1.498446	1.534362	2.508916	3.694084	2.277307	1.251644
1.750435	1.574929	2.00287	3.856998	1.230177	1.680458	2.758147	1.820606	2.312499	1.193723
2.627546	2.953914	4.616032	4.26526	2.424409	3.386169	3.079689	3.650794	3.623138	1.979228
0.501655	-0.06362	0.415989	0.261142	0.6892	0.341056	0.358116	1.009192	0.125207	0.028939
7.543087	9.081171	8.583161	3.894375	8.762193	8.337905	7.250217	7.643786	8.389357	7.981386
5.206757	4.438017	4.60701	6.439672	4.446872	4.468872	5.191293	4.974424	4.277357	4.709663
2.99477	2.308697	6.201485	4.258097	2.251595	2.762774	3.362346	4.026178	2.595726	2.22689
0.520101	0.388777	0.442868	0.684621	0.735242	0.64725	1.564344	0.797624	0.511737	0.388777
5.533893	3.818381	4.970709	5.10014	4.077634	5.571677	5.1784	5.482187	3.604397	4.513557
1.648193	1.301537	2.495882	1.801763	1.203445	1.765748	1.762702	2.520369	1.253388	0.744651
2.956531	1.948546	3.153959	2.684517	2.241047	2.419392	3.406852	2.603052	2.066127	2.600969
3.349166	2.498709	3.974984	3.366587	2.302423	3.226843	4.615553	3.406542	3.339799	2.9274
0.730053	0.191374	0.35575	0.860465	0.32648	0.722811	0.535585	0.255489	0.158083	0.492917
0.384398	-0.03658	-0.03658	0.481793	0.614504	0.789557	0.600463	0.68235	-0.03658	0.202147
1.224165	3.380607	2.832547	2.584097	3.938699	2.137347	4.244868	2.752038	3.436693	2.431946
4.277291	4.500492	3.084883	1.920932	4.299024	4.275142	1.199075	5.319842	2.266173	3.574278
2.347211	3.171047	2.209966	1.574827	2.28904	2.230632	2.369876	3.750012	2.026763	1.758481
3.641196	2.38474	2.389957	3.420283	2.535184	3.660988	2.642787	3.183087	2.97102	2.772245
3.864665	3.381269	3.492721	5.23448	2.90443	3.740039	3.750322	3.122665	3.691695	2.651525
6.051216	6.728529	5.222695	4.516296	7.213497	6.468334	5.325472	7.077941	6.862235	7.589378
0.423055	-0.08309	-0.04363	0.431657	0.729004	0.618062	0.857451	0.469274	-0.08309	0.008553
0.57943	0.925481	1.274444	0.27798	1.398819	0.821547	1.156961	1.138495	0.750606	0.758661
2.89958	2.329989	1.822995	3.089575	2.091501	3.192428	2.352808	3.711598	2.767327	2.003892
6.491425	7.199132	7.287803	8.750304	5.448815	6.543517	8.712479	5.462979	8.573391	6.207142
0.183772	-0.08878	0.053701	0.244796	0.359843	0.303426	0.381826	0.65982	-0.01584	0.381826
0.26599	-0.0542	0.998962	1.373344	0.591661	0.665657	0.443194	1.332335	0.346198	1.346158
4.816983	3.724145	3.744692	4.593598	3.608848	4.083247	5.809802	4.446824	3.964498	3.505009
5.32677	6.177576	6.539114	4.781648	5.967445	5.477682	4.924068	4.987488	5.524166	5.474272
5.488362	5.098394	4.539719	4.386548	4.641936	5.735059	5.228336	5.124356	5.451739	5.445282
4.365466	5.062625	4.019481	4.207712	5.195736	4.016458	3.706529	4.468544	4.357606	4.595273
4.762292	3.384557	4.98424	5.03775	3.746069	4.617752	4.690031	4.568495	3.412974	3.899441
1.513916	0.440897	1.452931	1.281216	1.316941	1.574689	1.656349	2.153669	0.809033	0.620413
5.191281	3.233139	4.215972	4.834055	3.85986	3.798007	4.255377	5.010165	3.467663	2.770968
0.198051	-0.04249	-0.04249	0.16637	0.510544	0.249148	0.249148	0.363946	-0.04249	-0.04249
5.40689	4.294954	7.17677	6.532636	4.771205	3.96071	6.031154	6.64004	4.391825	5.145185
4.936868	3.130475	4.115681	3.712839	3.313316	3.993967	4.459761	4.398446	3.46326	4.54616
4.783378	3.94085	5.462022	4.316863	4.082605	4.521838	5.534556	4.890102	4.205123	4.997886
2.933955	1.914808	1.943679	3.122351	0.78619	2.111954	2.263999	2.030644	2.526313	1.49813
4.812225	4.251661	5.908936	3.831918	3.957966	5.305948	4.06949	5.407879	5.671494	4.429881

2.646448	1.764522	2.364267	1.981811	2.156685	2.970598	3.201641	2.556278	3.956124	2.189795
0.269875	-0.03005	0.318534	0.232321	0.581513	0.455748	0.388701	0.365673	-0.03005	0.581513
5.567129	3.844812	4.396753	5.854519	5.053059	5.06241	4.17221	4.640223	2.675592	3.830479
0.43398	0.245019	0.245019	0.446576	0.446576	0.38247	0.750717	0.38247	0.301581	0.329051
0.304994	0.201431	0.259895	0.177354	0.102574	0.462404	0.010045	0.248393	0.05044	0.05044
5.621068	5.83286	5.192465	4.687046	6.990874	5.182494	6.053267	6.070327	4.240458	6.939841
4.586862	4.288205	4.377209	3.861478	3.297541	4.184951	3.658583	4.206325	4.111947	3.717841
2.170896	1.559478	3.07279	1.342964	2.596573	2.405731	3.013944	2.385921	2.154728	1.631857
0.748501	1.024817	1.886361	1.036726	0.812394	1.214854	1.261182	1.724031	1.214854	0.860179
5.099935	5.143798	6.735556	5.823585	5.381431	5.262854	5.416278	6.43038	5.897856	5.94862
0.210534	-0.02556	-0.02556	0.233596	0.36169	0.394509	0.420002	0.233596	-0.02556	-0.02556
1.011309	0.695875	1.639302	1.47602	1.169012	1.930836	1.964522	2.589032	1.259774	0.597832
2.637393	1.984983	2.779963	2.601199	2.220102	2.385753	2.887491	2.370874	2.177844	2.612962
4.65128	4.702654	6.144834	5.479277	4.783501	4.533652	5.440114	5.177129	5.356629	4.886507
0.088681	0.011189	1.268617	0.121401	0.145302	0.339347	0.396934	0.365324	0.020081	0.088681
0.926481	0.040415	0.884708	1.079194	0.880441	0.926481	1.238038	0.714533	0.234539	0.040415
4.592079	3.77149	3.790503	4.65578	4.281415	4.893346	4.97783	5.151205	5.516972	3.888078
5.554272	5.360038	6.394003	4.848722	5.519636	5.178314	4.314283	5.606571	4.94899	6.975401
0.534296	0.00193	0.164992	0.674853	0.526024	0.794979	0.80841	0.652455	0.026512	-0.04867
9.781421	8.709173	10.65701	11.71359	9.821657	10.56837	10.4246	9.981031	12.36282	9.314457
5.69459	4.296559	5.139967	4.474016	5.12992	4.902536	5.02224	4.878628	4.684931	4.653016
1.432452	0.4355	1.705713	1.767276	1.633547	1.423693	0.821746	1.840716	0.232277	-0.23262
5.74798	6.320156	8.35959	5.020539	7.109308	5.920632	7.464515	6.330228	5.457261	7.064458
3.914029	3.176539	3.316869	4.202465	3.965649	4.483065	4.548092	4.185397	3.363008	3.825165
2.296329	2.576911	2.87545	3.878526	2.519595	2.556622	4.621467	2.44995	3.413389	2.775122
0.845031	0.515775	1.060073	1.130636	0.792659	1.08876	1.456937	1.329785	0.833574	0.87324
0.075654	0.006662	-0.02435	0.520006	0.638027	0.122296	0.462233	0.462233	-0.02435	0.066071
0.554701	0.263524	0.796804	0.526173	0.896724	0.320025	0.663476	1.154414	0.535745	0.286391
3.566218	3.21125	4.22461	5.614674	3.213028	2.996534	5.494911	4.247112	5.486021	3.377641
2.747398	1.986319	6.486724	7.076238	2.446725	2.572621	3.717666	5.843349	2.693271	2.497399
1.829654	0.773573	3.702352	1.519089	0.910295	0.808772	2.35337	2.329271	0.871514	0.826109
4.477645	5.710015	5.00828	4.201436	4.060565	5.649494	4.989971	6.086898	5.391853	5.571768
1.095703	0.765903	0.637048	2.243702	2.4924	1.415712	1.03391	1.247585	-0.03623	-0.10947
4.7652	5.593787	4.738118	4.031428	4.710932	5.585758	4.050021	5.585758	5.426017	5.972768
1.526828	1.636231	2.061841	1.46233	2.916448	1.995264	1.756225	2.152456	1.44597	1.510843
2.576449	2.381768	2.360836	2.047516	3.023218	3.24133	3.099616	3.476858	2.690832	3.137049
1.645245	0.913234	1.811871	2.181909	0.900915	1.384801	2.656919	1.015228	3.107545	1.565086
0.985827	0.233883	0.438092	0.805886	1.064257	0.821555	0.901745	0.74102	0.276028	0.666425
5.481379	5.397608	3.786736	4.267487	5.83687	6.052023	3.904387	5.992736	4.487788	4.407083
5.090288	5.444164	5.537099	4.215543	5.17561	4.891749	5.328075	5.976626	6.835117	4.681615
0.69331	0.261118	0.349943	0.984206	0.536779	1.232879	1.182617	0.87274	0.685904	0.240551
4.815945	3.374782	5.424521	5.463359	3.803192	4.700513	4.286435	6.932626	3.239774	3.434165
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0.864097	0.373306	0.905464	1.104087	0.558533	0.537879	1.118341	0.889052	0.214649	0.804222
2.353922	2.10997	3.059929	2.448736	2.963711	2.735292	2.817587	2.489401	3.052986	2.845519
0.828443	1.300429	1.905549	0.855294	1.449612	0.881598	1.079193	1.505416	1.489252	1.326521
1.813795	2.350998	2.984891	2.260103	2.21289	1.75526	2.107852	2.766048	2.111216	1.907739

3.691878	3.896918	3.447263	1.966423	3.40463	3.213878	1.206094	3.830403	2.62372	3.566025
3.450385	1.58509	2.612349	2.442543	1.652213	1.21205	1.48525	2.826283	1.238851	0.658733
2.142014	2.243116	2.373594	1.839679	3.351231	2.203532	1.02843	3.335449	2.007513	2.149851
2.932314	2.418437	3.468953	5.148134	2.675996	2.797379	3.942635	2.961325	4.373907	2.618864
7.351303	10.09336	11.53324	7.342029	8.294077	9.199554	9.157924	8.867045	10.16301	8.544971
4.545015	4.28217	3.536825	4.333784	3.775254	3.892905	4.765034	4.064522	2.906076	3.894636
1.122035	1.726498	1.587499	1.587499	1.868429	0.92486	1.786008	1.840622	2.713288	1.578353
6.511878	9.317609	7.145925	6.507206	8.435772	7.122239	4.631783	7.129315	8.56728	7.552384
3.878084	4.214839	2.872011	4.29501	4.884874	3.110054	2.826745	4.192461	3.842207	3.933581
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1.844187	0.39353	2.878367	2.458384	1.988897	1.921305	1.924077	1.499923	0.23389	2.360728
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3.103501	1.92979	3.12481	4.184316	2.331961	3.198569	3.226761	3.101853	2.872521	2.872521
0.881247	2.239151	2.740072	0.636241	1.957382	1.749016	4.979626	1.389984	2.122233	2.440039
3.138764	1.893164	2.659545	4.442941	2.307509	2.918877	3.078665	3.121998	2.846354	2.027355
2.732971	1.163917	1.463715	0.915476	1.918939	1.817952	2.637963	2.351203	1.263501	1.828329
3.738643	3.361327	2.637104	2.746071	3.167792	2.918659	3.066295	2.148686	3.581481	2.924958
3.417016	1.369672	4.632721	3.754596	4.626963	3.752883	5.095625	5.578016	5.948799	4.600537
4.42022	4.05813	3.534131	4.536277	4.894596	4.469864	4.490483	4.51221	4.456893	4.107776
1.518548	0.566879	2.691703	2.804245	1.157579	1.532497	2.998275	1.909728	1.840275	1.370224
4.899463	4.300634	4.207389	5.91799	3.646712	4.86588	4.254792	4.109187	4.631123	3.797884
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5.037367	3.908618	4.736564	4.690958	3.53347	3.910522	4.222126	5.03387	4.911254	3.200909
4.847383	4.768454	4.886838	4.285691	4.868565	5.202439	4.620059	5.184422	4.949288	4.423457
4.752215	4.406945	5.243915	5.295806	4.78248	4.937395	5.052712	4.97339	4.638009	4.654945
4.425869	5.145645	6.397951	5.281473	4.805722	5.495427	4.317448	4.889898	5.232952	4.996824
5.38599	5.124427	5.914267	5.748351	5.243104	5.693421	5.33103	5.621085	5.266192	5.201651
4.842784	8.267009	6.922078	5.146921	5.427916	4.044175	3.028459	4.844571	8.450558	5.58864
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3.081367	1.839397	2.72579	3.237783	1.643448	2.797926	3.112527	2.603143	1.695934	2.296529
2.930958	2.16097	3.003758	2.593549	2.13127	1.866123	2.284009	2.654131	2.058604	2.150239
2.103671	2.233776	4.532101	2.668297	2.106649	2.213476	3.114954	2.948371	2.2889	1.678895
1.896812	1.917986	2.154591	1.120827	2.316472	2.288255	1.71968	2.954717	2.154591	1.914978
0.522783	1.210404	0.796293	0.555978	0.856997	0.775453	1.309083	0.915153	0.547754	0.53948
6.099517	4.932025	4.940452	6.158701	5.247767	6.045102	5.395701	5.577966	5.431262	5.122802
4.236542	4.407817	3.90396	4.352225	4.210165	3.386202	4.743446	5.340072	4.837149	3.972868
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0.660069	-0.075	0.516238	0.212545	0.504638	0.561841	0.60622	1.517138	-0.075	0.345924
3.552957	3.257845	1.647053	1.529863	1.85388	2.6895	0.586311	5.324927	0.265192	1.827315
3.88792	2.68841	3.498385	4.427348	3.615122	3.432532	3.377411	4.047608	3.896819	3.332508
5.436034	3.030428	6.627764	4.040528	3.054281	3.422404	6.017716	4.498258	3.126858	4.258205
1.040534	1.63671	1.993556	1.236059	2.185017	1.606197	1.264328	2.097187	1.993556	1.486783
4.215888	3.113235	3.682944	4.928343	2.875063	4.020483	2.779418	3.566367	3.732669	3.195584
7.39716	5.898718	5.710297	7.727017	6.382092	6.852439	8.020659	6.442653	6.060164	6.262815

3.810679	2.135565	3.17525	3.728437	2.524124	3.316342	3.849897	3.522742	2.528211	2.804717
0.934218	0.453177	0.369709	0.961506	0.649157	1.479935	1.206134	0.683268	0.40166	0.559616
3.84726	3.607632	4.638572	4.587351	4.058523	3.983485	4.664205	4.333895	4.172927	4.861999
2.989002	1.972889	2.390349	4.07679	2.842782	2.946231	3.176416	3.827473	3.137453	2.850348
2.86249	0.768302	5.249733	1.210143	2.761528	1.969641	0.758232	0.658658	-0.22868	4.329565
1.761513	1.132952	2.130171	3.426047	1.337717	0.617334	3.147986	1.750224	2.198602	1.45995
0.813973	-0.03666	3.037173	0.735435	0.704831	0.673237	0.760925	0.297499	-0.06554	0.045187
5.315711	4.859618	6.063135	7.521507	5.071501	5.455569	7.247235	5.170634	5.744215	4.902098
1.892255	3.817466	5.212385	2.727012	4.178635	2.32876	3.631496	3.585805	4.739509	3.655089
5.937475	5.560924	6.568142	7.265023	5.520672	5.367255	7.171844	6.695387	5.864722	5.661196
7.685857	4.232822	4.700938	4.580662	6.444536	5.75942	5.728191	5.518398	5.484736	6.28317
2.838623	2.533779	3.740652	3.439567	3.3637	3.338997	3.964281	2.956976	3.480697	2.979059
3.435329	2.556158	3.194401	3.457637	2.933778	3.153479	3.468109	2.88646	3.265818	1.884412
4.019433	3.63816	4.17656	4.310811	3.693581	3.775162	3.853988	3.622773	3.680609	3.754034
0.406694	0.440048	0.595013	0.623895	1.242	0.840347	0.587691	0.595013	0.864281	0.75935
0.406117	0.599733	1.76949	0.346633	2.446979	0.612779	0.300659	0.253447	0.171823	0.54656
1.854077	0.911104	2.136704	3.340578	1.87099	2.38117	3.624707	2.909095	2.122949	2.234752
1.127285	0.020494	2.91919	1.569902	1.18319	1.400812	2.737293	1.839566	1.284526	2.169423
6.715481	6.021584	6.347033	5.452302	6.657561	6.325324	5.923376	7.470382	5.660391	6.202751
2.493531	2.630873	3.114623	3.074233	3.919197	3.243475	3.252801	4.625006	3.413424	3.703167
4.003595	4.102169	4.048491	3.059274	3.91667	4.10275	3.538285	4.582395	4.901719	5.397623
3.656656	3.179148	3.901895	4.155904	4.199962	3.837593	4.116315	3.311583	3.778379	4.299397
2.19384	3.538076	2.426533	5.308962	2.613113	3.236256	3.438175	4.190997	3.973402	3.597517
2.615874	2.425172	3.478332	3.172332	2.947275	3.279544	2.841893	2.834177	3.669721	2.948473
4.035038	5.579875	4.144739	3.02612	6.241662	3.012531	3.492621	3.815253	3.807303	4.880541
5.282594	5.334081	2.96973	3.90105	6.176683	4.494552	4.174492	4.452026	3.618416	4.770171
2.936467	1.971371	2.356807	2.387784	2.57982	3.129276	2.263823	2.04722	2.430273	2.10926

CGGA_D5	CGGA_D6	CGGA_J0	CGGA_J0	CGGA_J0	CGGA_10	CGGA_10	CGGA_10	CGGA_11	CGGA_12
1.506704	0.45117	1.15913	1.19764	0.982323	1.132795	1.337213	0.289836	1.087655	1.469808
1.930678	1.758314	0.351861	2.113817	2.049854	3.016979	0.907315	1.820184	1.141482	0.630462
4.382578	7.406478	4.936289	5.930228	4.922806	6.460448	4.376899	4.572765	5.314686	5.880245
5.393279	6.347901	2.416189	8.038897	5.765404	5.035948	2.195876	5.598673	0.582075	3.369016
1.619487	0.652236	2.412388	0.40832	1.298641	0.672354	1.520848	0.316019	0.6856	0.926216
7.342414	7.334761	7.438615	5.852203	7.001861	6.431599	6.166654	8.461984	5.899597	7.044718
6.150145	5.915326	5.160327	6.102559	6.873721	7.579326	6.034223	6.648353	6.283434	5.69247
0.928186	3.102582	0.544466	0.196795	-0.02513	0.538485	0.451655	-0.03449	0.579782	1.327241
1.163825	0.264549	-0.00328	0.132544	-0.00328	-0.00328	-0.00328	-0.00328	-0.00328	0.132544
6.077696	7.127928	6.327886	4.742325	5.96076	3.915657	6.050263	5.614507	5.689586	6.163243
5.490572	4.19042	6.188839	4.699503	5.39403	4.819749	3.675987	4.832465	5.823365	3.835442
2.962971	3.382858	3.081276	2.649939	3.036701	3.06358	2.760525	2.589052	3.412331	3.296593
2.560668	2.105434	0.940858	2.20052	2.669268	3.545563	1.869647	2.377526	1.523217	1.729828
4.255214	3.812889	2.704092	3.463363	4.955945	4.784271	3.297531	3.042235	2.681502	3.458546
4.598682	2.908057	4.555103	4.555103	5.020538	4.001947	5.274864	6.122229	5.260305	4.918394
3.370774	3.01427	4.762239	3.090382	3.495893	3.170349	4.368357	5.552887	3.94394	3.585351
0.948706	0.469499	1.852281	1.213033	1.3301	2.396204	1.41038	1.898458	1.641522	1.163418
7.432418	9.001928	8.109516	9.074614	8.724063	9.483321	9.296118	9.750097	9.17465	7.683648
4.662071	3.133565	6.460162	4.348031	5.322746	4.715345	4.276147	4.646909	5.248703	4.723067
4.19144	3.349286	5.457578	4.003198	3.318901	2.76609	4.551334	4.148582	4.474406	3.637463
2.884891	2.765089	2.349674	3.85667	3.3367	2.710006	2.962332	3.71117	2.162501	3.100144
2.764338	2.746379	3.432352	4.969355	2.866748	3.945286	3.253587	1.513431	3.087512	3.299332
2.415453	3.510056	2.511168	2.963914	3.176743	3.171473	2.777541	3.469646	3.440703	3.490703
1.895009	0.989261	1.520909	-0.06253	1.890861	0.098542	0.521593	2.644594	0.754204	0.494938
3.420578	4.506741	5.179774	3.418944	3.431981	3.73295	3.950108	4.305421	3.35766	3.844113
3.330218	1.722902	3.007151	4.851674	4.368726	2.158409	5.508321	3.964658	4.284316	4.44737
1.559663	1.245683	0.784299	0.549416	0.748315	0.47472	0.858627	0.167196	0.335501	1.065947
4.073572	3.957311	5.876247	4.294276	4.85424	4.408232	4.843127	4.350361	5.225206	4.593997
2.389671	5.056476	3.324667	1.542614	2.147996	2.214056	2.201453	1.56058	1.758235	2.820795
4.43012	4.491011	4.806428	4.087713	4.549758	4.525417	4.683845	4.416606	4.729067	4.647525
4.0463	0.951516	2.526487	2.392259	2.785852	4.107219	3.062746	3.04078	2.277486	1.953418
6.090757	5.364438	3.458685	4.297554	7.65789	3.038669	4.06295	6.646458	4.098892	5.032197
4.661316	4.392959	5.245722	5.733889	6.337654	3.77417	5.046325	4.243194	5.611091	5.106734
3.163525	2.526374	3.698081	2.409862	4.077291	3.82128	2.388593	3.634502	3.384005	2.627322
2.974943	3.80143	2.120985	1.307712	3.552518	2.281553	2.474985	6.040645	3.410318	2.012214
2.682927	1.182766	3.140975	1.969306	2.995043	2.916791	2.576826	2.905293	2.449881	2.332772
5.859054	7.275324	6.534475	5.581755	4.96924	4.626556	5.216105	4.813324	6.241093	5.205189
4.35133	3.695709	3.606241	3.432149	4.458384	4.6948	4.223274	3.73093	4.365584	3.01162
4.622191	4.610947	3.567251	4.583282	5.443347	5.456597	4.870406	5.130341	4.814765	4.478587
0.940196	0.548707	-0.06033	0.004794	0.091096	0.022655	-0.08958	0.004794	-0.04129	-0.00426
2.050334	0.467391	0.680637	-0.0464	4.469508	-0.15623	0.886303	4.226787	0.015006	0.453592
3.143308	3.366738	2.699017	2.22584	2.888481	2.105477	2.441712	2.367178	2.892672	2.402023
2.049337	1.921011	1.267798	3.072236	3.221634	5.195574	3.358608	2.824897	3.799324	1.748751
0.628404	0.076639	1.380526	1.481787	1.036079	1.008209	2.078219	0.430788	2.224449	1.07678
1.020041	2.413681	0.969247	1.150127	1.437387	1.665865	0.459294	1.46985	0.605528	0.509574

10.0576	10.22236	9.208083	11.11328	11.82163	12.84674	11.65364	11.48439	10.06859	9.960689
4.798203	7.545646	4.979667	5.92156	5.19766	3.449357	5.437509	4.152923	5.761572	6.349293
3.792297	6.894548	4.463821	3.687078	4.431499	2.617364	4.789708	3.066377	5.238302	4.933142
2.12387	0.619647	2.885623	0.204781	0.862124	0.726817	1.857704	0.936903	1.678911	1.241226
0.841113	0.596357	0.158644	1.763509	1.27219	0.4597	0.611578	0.656258	0.802124	0.200075
2.129321	1.405694	-0.25545	0.430235	0.805921	0.698691	0.676252	-0.06679	0.728075	1.510771
2.356184	1.49272	3.674189	1.705897	1.969516	1.549703	2.27805	2.435607	2.400827	2.131717
5.711866	6.156921	4.875924	3.841737	3.412393	4.058308	4.524603	4.929289	4.285046	4.793018
4.242566	4.836354	3.809011	4.058381	3.40008	3.50773	4.6293	4.532795	4.005573	4.442245
0.528524	0.087632	0.16532	0.046325	0.396717	0.512994	0.58827	0.558857	0.187463	0.194734
2.98022	0.515112	1.677563	1.204394	3.168625	3.601873	1.167929	4.523737	0.352526	0.995133
5.728556	7.998981	8.013646	8.811738	8.208567	8.199824	8.153175	7.374462	7.675464	6.156498
8.836784	8.587792	8.68148	9.163926	7.760541	8.108107	10.25146	8.979451	8.280182	9.028482
4.08379	5.858695	4.487557	1.994162	3.50712	4.654534	3.851312	5.367638	3.659878	4.425638
2.363777	0.523233	0.81722	2.195745	2.323758	2.651761	1.900413	3.702772	0.940468	0.96954
5.833858	7.93832	4.496577	5.36609	4.227832	5.508429	5.956113	5.565387	5.053826	5.227665
1.762337	2.112284	1.575164	2.395464	3.841018	5.664372	0.473472	2.574365	2.310727	1.153711
3.953411	3.407126	3.770321	2.356178	3.737248	3.659019	2.729212	3.26542	3.402043	3.144457
1.366835	2.285558	0.791256	0.923818	0.440156	0.76302	3.757741	0.233525	0.785658	0.630832
6.137178	10.97507	4.760409	9.070005	9.542201	9.639337	7.398787	11.10307	5.513254	8.932222
2.838121	1.820532	4.033484	2.555045	2.884621	2.781621	3.096147	2.880442	2.738464	2.594509
4.325544	2.25898	4.44554	3.953236	4.293327	3.509107	4.621444	4.463129	4.33732	3.23286
1.324113	0.518116	1.141594	0.590058	1.738648	0.891158	1.17756	0.590058	0.373097	0.69186
3.960182	6.250548	4.665094	5.323004	4.603745	4.799481	5.662335	5.617634	4.384966	6.335831
3.43916	4.694253	3.416033	3.410737	3.492731	2.778571	3.810062	2.352474	3.358043	3.569381
2.371149	1.99014	1.457005	2.733386	3.277154	3.839978	3.724475	2.778027	3.254532	2.215929
2.780969	3.930926	4.602797	3.045999	2.631809	3.406373	2.497554	2.889261	3.214357	3.389312
3.631695	7.523218	4.432226	3.869831	3.590481	3.930645	4.087248	3.199895	4.225087	4.560263
4.043301	7.587635	2.967524	5.233985	4.821047	4.766248	2.513841	5.691177	3.2699	4.697734
4.485497	5.278505	2.439862	2.685977	4.035954	2.446499	3.913965	1.148808	1.455773	4.787133
4.111446	3.702299	2.065423	4.599643	3.073208	4.812214	3.17323	2.960642	2.824571	2.292092
3.414444	0.870082	2.276322	3.345017	4.55234	3.202433	3.553535	4.22036	3.451287	2.189784
2.693915	1.578205	4.358858	2.100244	2.621593	1.899316	2.148395	2.710728	2.821203	2.816464
3.4357	3.551885	4.406206	2.622345	2.793534	2.526207	2.955274	3.042746	3.519784	2.888105
2.403183	2.202475	2.171916	2.294866	3.12299	3.451376	1.305104	1.821622	1.274757	2.381664
3.278075	4.0061	3.328373	4.022265	4.205582	5.162126	4.089414	2.990475	4.998281	4.2021
7.425361	8.812003	6.143356	8.362297	7.880907	7.941538	7.385385	7.77119	7.565063	7.110673
0.620516	1.325834	1.305253	1.146472	1.665284	1.06914	1.152251	1.236246	0.822961	0.763665
5.628109	6.949399	5.831388	5.388852	5.337333	5.187475	5.347726	5.870753	6.030681	5.867681
1.335215	1.413569	0.344156	0.403112	0.503694	1.341391	0.535769	0.124245	0.151864	0.62805
3.626748	2.494708	3.932201	3.194187	3.330824	2.877742	4.156337	3.34722	3.007915	3.276714
3.334548	2.136909	0.315911	2.249979	4.3099	2.662941	1.290078	0.663944	2.948567	2.721062
2.742614	1.204261	2.954614	1.863478	2.871182	3.837851	2.579677	2.51463	2.865244	1.715022
3.554076	2.475817	3.024938	2.744997	3.117414	3.831852	2.738067	2.868997	3.013164	2.2361
6.058668	3.178531	4.450542	4.032766	5.508221	4.489153	4.384586	6.862917	3.685815	4.654356
1.644602	0.536157	0.148235	0.846254	1.568299	0.618603	-0.13824	2.860849	0.633392	-0.11856
3.277924	3.187238	2.11001	3.998789	4.193848	6.147633	3.290288	3.934739	3.630981	2.297923

0.711157	0.254901	-0.05273	0.665722	0.230499	0.167716	3.115266	0.702178	0.530728	0.437119
4.585216	2.838095	3.238537	4.808078	6.014105	4.887121	4.241538	6.358309	3.398666	2.826003
1.126597	2.290457	3.375676	1.604818	1.249354	3.014409	2.185249	0.663525	2.082344	2.076088
3.604969	3.686105	4.316753	2.86233	3.243364	3.78704	4.659308	2.75371	4.073022	3.817968
2.827522	2.842399	1.821352	3.46883	2.833737	3.314883	2.496936	2.604106	2.569621	2.351348
5.584507	6.237716	5.84199	6.687674	6.615619	6.237527	6.930817	5.814323	5.836014	6.803015
2.397941	1.33451	0.766921	2.591462	3.428828	5.578701	1.828167	2.689246	2.774866	1.062041
6.664437	5.359291	6.020105	6.600788	7.313468	5.098503	7.146501	4.99028	7.241981	7.277166
3.784051	2.076657	2.312442	2.045469	3.592716	3.739797	2.393853	5.091655	3.739797	1.678554
1.070842	2.134767	1.971583	2.411524	2.429867	2.153845	2.625396	2.03107	2.18674	1.854669
3.506726	1.994786	4.387613	2.845594	4.32891	2.398667	3.055525	5.135154	3.299581	2.604822
0.486527	0.531353	-0.06362	0.214338	0.195094	0.560336	1.353958	0.204754	0.60254	0.072679
7.325391	9.873331	8.420421	9.259108	7.806405	8.087949	5.664893	7.965035	5.03595	8.703691
3.969779	4.920788	5.10065	4.323968	3.83893	4.048649	5.296578	4.580466	4.128214	4.348239
3.306254	1.92155	3.752701	3.159261	5.78958	2.959025	3.577138	6.326365	3.296951	2.438996
1.126102	1.242621	0.85722	0.536674	0.968973	1.835855	0.593107	1.072084	0.569213	0.763328
6.338542	3.509993	4.836441	3.984416	5.215624	2.711756	4.281632	5.040502	4.306909	4.43284
2.002193	0.556185	0.938354	1.424696	3.169804	3.556793	1.810618	4.877255	1.297231	0.955158
3.030771	3.073286	2.680528	2.12628	2.550262	2.334763	2.590518	2.295878	3.119588	2.754903
2.934909	2.109608	4.241527	2.707204	2.812099	2.53151	3.23061	3.684248	3.502945	3.016772
0.306592	1.07642	0.015621	0.028111	0.316574	-0.02259	-0.02259	-0.00973	0.028111	0.223829
0.52768	0.473972	-0.01281	-0.03658	-0.03658	0.088705	-0.03658	-0.01281	0.066876	0.010502
1.422274	2.101505	2.79759	5.291558	3.962372	4.703433	3.983321	3.220509	1.976275	3.24538
3.733969	3.782732	1.658985	4.644063	4.214017	3.594135	4.092369	1.133831	5.10075	4.336561
2.093287	1.340743	1.633477	4.053075	3.206247	2.381085	3.045913	1.507284	2.314519	2.697826
2.727196	2.397754	4.079779	2.389957	3.110353	2.638236	3.004979	2.0097	3.223403	3.566765
2.582845	3.953733	5.137816	3.807362	4.652071	4.615906	4.008061	4.568388	4.139987	4.537814
5.411599	8.545705	6.53911	8.240409	6.72196	6.661157	7.077941	5.849162	7.792746	8.088048
0.74368	0.461065	0.022865	-0.05137	-0.05137	-0.04363	-0.08309	-0.05918	-0.05137	0.064341
1.132287	0.311081	0.701324	1.100847	0.821547	1.377936	0.57943	2.587757	0.988593	0.125195
2.226037	0.646543	3.221714	2.656941	2.877063	2.641532	3.643791	1.884665	2.246988	3.591795
5.787538	9.152784	9.074096	6.674406	6.332369	5.17024	7.965457	6.197792	7.207961	7.003711
0.403492	0.107095	-0.05917	-0.03015	0.107095	0.244796	0.145925	0.026271	0.158647	-0.00167
1.223382	1.192616	0.197821	2.2811	1.065528	0.546341	0.298705	2.382616	0.499283	0.07827
4.869401	2.37431	4.426047	2.974823	4.335303	2.541806	4.007583	4.095943	4.470558	3.730133
4.85493	6.985834	4.897046	5.784522	5.977556	5.495034	4.975316	5.29751	5.457911	5.415139
4.732454	5.868971	5.987615	5.329485	3.963078	4.773822	5.225933	4.821425	4.344497	5.575081
4.562098	3.613454	4.409477	5.153966	4.55162	4.115702	4.84796	3.905063	3.574391	4.049414
4.883303	2.781329	5.405657	4.11829	4.597175	5.609939	4.253009	3.319375	3.802443	4.244648
2.366277	0.985434	1.225485	0.867405	1.761833	1.323956	0.781502	2.271037	1.25554	0.724405
5.851701	3.186883	2.581242	5.975835	5.819502	6.164065	5.110661	6.212855	5.501309	2.531711
0.408858	0.307852	-0.04249	-0.02994	-0.04249	-0.04249	-0.04249	-0.04249	-0.01751	-0.04249
5.821959	4.381161	4.961567	6.947118	6.956391	6.297637	5.957698	7.326756	7.030924	3.053648
3.915756	4.622212	3.778119	3.70592	3.642862	4.027125	4.026438	3.945605	4.385779	4.750416
4.926057	2.524179	4.398315	5.048138	5.347679	4.665462	4.581606	5.514058	4.672309	3.751662
1.730479	2.772074	1.660598	1.57623	2.350528	2.354877	1.557731	1.657639	2.211365	3.062874
4.113047	5.567377	4.393317	4.385241	5.363363	7.492353	4.379161	6.641429	5.201465	4.745872

3.017412	2.159474	2.508982	0.647916	3.382934	2.666177	1.677669	3.845573	1.654123	2.24334
0.444778	1.015428	-0.03005	0.206756	0.014529	-0.03005	-0.03005	-0.03005	0.014529	0.071996
5.68837	2.646049	5.214406	3.493815	4.956203	4.210182	4.275194	4.495666	4.554856	4.450391
0.507953	0.507953	0.301581	0.245019	0.287647	0.421274	0.245019	0.245019	0.315381	0.408455
0.586003	0.938939	0.05044	0.248393	0.293853	0.282624	0.076747	-0.00368	0.39111	0.236797
5.496491	7.071387	5.392308	7.725085	5.86595	8.211741	5.529779	5.047991	8.755473	5.67553
3.596973	2.781154	3.62385	3.954761	3.853664	3.301273	3.898959	2.26868	3.692556	3.322003
1.610795	3.115603	1.919418	2.274206	2.319955	2.696148	2.463553	2.945327	2.593925	2.238899
2.182886	1.400962	0.367833	0.367833	1.455013	2.373586	0.704254	2.043794	0.34873	0.44178
6.27662	7.074659	5.900598	7.036856	6.838812	7.375856	7.029534	8.410039	7.075572	6.525532
0.980837	0.256132	-0.02556	0.186921	0.103865	0.13793	-0.02556	-0.006	-0.02556	-0.02556
2.439641	1.139614	1.397023	1.543021	2.163219	3.137786	2.330443	3.227255	1.740261	1.490833
2.817631	1.414659	2.764009	2.987459	2.462048	2.275762	3.150626	2.69525	4.342826	2.600018
5.524135	6.238273	5.808027	9.005287	6.763217	7.327454	7.786693	6.193732	5.938071	4.849807
0.531414	0.285423	0.191561	0.250289	0.409322	0.409322	0.213963	2.346512	0.129428	0.153152
1.216266	0.63183	0.994014	-0.09726	0.120541	-0.05612	0.187135	0.012341	0.094481	0.379138
3.961024	3.76356	4.620416	4.238296	4.246807	4.551183	4.807356	4.976852	4.838742	5.439388
4.039223	7.780848	4.453879	5.01455	5.461326	4.759288	5.530803	4.585263	6.921532	5.481531
0.582853	0.385993	0.131727	0.164992	0.062536	-0.03583	-0.06163	0.00193	-0.03583	-0.02312
12.00311	10.54526	12.16538	9.369048	10.09788	9.969985	9.335917	10.57043	11.26573	9.903835
5.021843	3.520344	4.917316	4.668078	5.318124	4.364408	4.881206	5.035668	4.750791	4.459388
2.233406	1.142251	0.1292	2.964475	3.105405	2.648979	0.831202	4.348954	1.319878	0.738344
8.37377	6.205981	5.025982	5.848098	7.142479	9.968997	6.645364	8.891466	8.903777	4.774935
3.148847	2.848529	4.873341	3.81814	3.925421	3.234856	3.499429	2.63008	3.736861	4.055801
2.542301	3.072229	3.892516	3.513568	3.036926	3.471974	3.549293	3.025567	3.198774	3.049833
1.453369	1.005779	1.05523	1.005779	1.64255	2.248714	1.201909	1.813102	1.231903	0.594179
4.620301	0.298284	-0.00357	0.218147	0.158172	-0.02435	0.0564	-0.02435	0.066071	0.036787
1.071342	1.318561	0.940603	0.180505	0.889279	0.564086	1.051472	2.656175	0.29769	0.204717
3.891833	4.731816	5.417773	5.993538	5.642738	6.191105	5.71246	5.532759	5.736176	4.908543
4.851028	2.471255	2.993437	2.217225	6.643473	2.896678	3.394679	7.742128	3.039076	2.334584
1.966377	1.178875	1.296889	1.052282	4.03667	4.123715	1.911735	3.194854	2.617156	1.963385
5.31462	5.555132	4.245377	4.655634	4.066328	3.967602	5.422379	4.950133	5.753416	4.522619
2.834439	1.539897	0.120331	3.85641	3.453912	1.028627	2.407802	0.517825	1.224977	1.37971
5.547867	4.578211	3.621977	4.149253	4.760719	4.30722	3.686133	6.443507	2.752815	5.008313
1.429513	3.002283	0.231683	1.224064	1.259373	3.192854	0.823528	1.002271	0.86425	1.681836
3.333635	4.338761	3.470575	3.333635	2.91418	4.184548	3.345168	2.127282	4.115417	3.015833
1.849324	1.605803	3.136511	0.80224	1.197334	1.1643	3.049781	2.071316	1.933822	1.633772
0.994806	0.430864	0.554577	0.181214	0.624192	1.317123	0.250924	0.930451	0.340448	0.842125
4.740984	4.984238	4.894039	4.848432	4.121451	3.897954	4.347464	5.112809	4.817877	6.085766
5.356208	5.006829	5.075469	6.659966	5.525358	5.649873	5.714533	6.268276	6.033142	5.574138
1.192822	0.520068	0.442174	0.7652	1.098047	1.290801	0.729738	0.792907	0.853225	0.176881
5.902748	3.913069	4.035671	5.95779	5.351552	5.642213	5.511889	6.874855	6.53573	3.371472
6.447115	6.253136	5.52351	8.257899	6.342604	6.377775	6.695045	5.034405	6.630992	7.101088
1.408068	0.723597	-0.03661	0.121812	0.407679	0.051843	0.008259	-0.03661	-0.03661	0.474174
3.08542	2.935892	2.828127	3.348687	2.716472	3.099919	3.380549	3.089301	2.838588	2.856996
1.250529	1.398288	0.902262	2.819456	2.031209	3.809776	2.800739	3.419764	1.38425	1.776789
2.995036	2.112895	1.948437	2.989974	2.910633	3.432896	2.589224	3.416039	1.822243	1.976734

2.727601	3.250365	1.235283	4.544833	3.923487	3.968456	3.166876	2.867922	2.77597	4.369149
3.177754	1.474111	0.516777	2.904919	3.487984	0.859197	1.320433	3.797904	2.003045	1.861476
2.02468	1.927588	1.407994	3.944974	3.32977	3.703097	1.915357	1.896811	1.230813	3.470538
3.562829	2.555848	5.10897	3.129091	3.897671	3.41142	4.096788	4.273686	3.714044	3.21022
8.317271	10.50049	6.676703	9.11152	10.24784	11.29249	9.107882	11.66599	9.615219	8.287175
3.478585	4.276711	3.813004	7.043578	4.615824	4.532809	4.334443	3.190329	4.415474	4.703738
2.467038	1.403008	1.850795	3.987216	4.128708	5.310788	3.997053	3.491634	3.797033	2.813212
7.379078	7.527175	5.807183	7.659852	7.00647	5.953153	6.810713	6.39825	4.508821	8.429679
3.419148	3.040695	3.864949	2.853563	3.705685	2.865014	3.357002	3.009685	3.413123	4.462433
2.68275	2.653032	4.523016	2.83029	3.53696	1.633407	3.460386	1.918496	3.496489	3.655484
1.602753	2.175361	1.654709	0.213771	1.396671	0.437024	0.162087	2.22034	0.535903	0.774836
2.567857	2.609584	3.679828	2.815843	2.823181	2.038885	3.732393	2.492412	4.003915	2.926325
4.11865	4.940125	2.307206	4.609144	3.286487	3.709377	4.063952	3.569288	3.72999	4.219985
3.034888	2.696979	4.040688	2.34603	3.408731	2.820586	3.248437	3.310695	3.645632	3.176386
1.86379	1.990687	-0.02679	1.302475	1.421071	0.339851	0.729396	2.974258	-0.21851	1.681562
3.268575	1.843865	4.066002	2.757293	3.40115	4.959454	3.095921	3.393668	2.955747	2.921449
1.979882	1.085133	2.493786	1.420271	1.424667	1.875925	1.301732	1.676833	1.661663	1.754295
2.801781	2.698471	3.422667	2.858093	3.435169	3.114606	2.203028	2.031288	2.985303	3.150636
4.898553	4.664703	4.121392	4.011124	4.777405	4.258962	3.811724	4.729632	2.272223	4.485516
4.345263	4.552616	4.895692	4.496892	3.826166	3.384516	5.04782	4.100315	5.141129	3.940001
3.067858	1.23381	3.581845	0.413339	1.950709	0.697771	2.450047	2.59816	1.758206	0.990373
3.591804	4.448904	5.102853	4.266698	5.034728	4.85042	3.338097	4.610974	4.940134	4.315984
3.656718	1.543311	2.315081	1.385892	5.382969	1.764667	4.790123	6.257135	5.532662	1.866299
4.257307	3.855296	3.555055	4.972382	5.09451	4.867767	4.96117	5.669761	4.864001	4.593167
5.012337	4.366806	3.959547	3.903723	4.394356	3.347513	4.887596	4.262878	4.874678	4.267247
4.310689	3.342952	4.64967	4.984739	5.259325	2.622561	4.565603	4.560048	4.364271	4.094599
4.473615	4.530113	4.085805	4.638586	5.871549	3.869209	3.970371	7.586752	3.484528	3.92481
5.89207	5.703596	4.180596	4.627766	5.604321	5.281757	5.51655	6.324471	5.313473	5.329612
7.208461	8.168945	4.538685	5.428416	6.098091	5.045468	6.114719	2.743486	4.010773	7.306473
4.002887	3.067049	6.226078	3.200907	5.010884	3.484805	7.161289	3.724288	3.203127	6.246948
2.466821	2.989796	4.87993	2.780775	4.082276	4.640231	3.321335	4.163132	2.85889	2.902798
5.822522	4.553351	5.261148	6.12579	6.019265	3.428087	6.874443	6.48627	6.970055	5.161708
2.57901	0.960884	3.040428	1.043201	2.960237	0.891128	2.750642	1.902183	2.292924	2.276605
2.659864	1.970063	1.869382	2.460026	2.991618	3.125561	2.926187	3.201521	2.517833	2.675044
2.749585	2.481086	1.943032	2.261645	3.344689	3.248801	2.710066	6.503136	1.787568	1.986424
2.833828	3.246856	1.938878	4.254058	3.551364	4.627296	2.531713	3.279983	3.213015	2.866987
1.059267	1.634424	-0.11686	-0.13025	0.223999	1.20528	0.022473	0.436139	-0.00184	0.170895
5.361875	4.784675	6.139636	4.325744	4.212497	4.571543	5.524504	4.546359	5.417748	5.247139
3.818676	4.991918	3.034856	5.040196	4.934121	4.122908	4.508209	4.514875	4.086991	4.824327
5.294966	4.394653	5.67915	5.709898	5.865548	4.48594	5.939926	4.452261	5.533673	5.860578
1.472372	1.087227	-0.075	-0.075	0.742737	0.226377	0.212545	1.205632	0.457406	0.097506
2.044776	2.850347	1.062972	3.394463	1.925957	2.223901	5.354235	0.297165	4.766848	1.829752
3.62783	4.660656	4.561406	3.241148	3.473939	3.126137	3.98799	4.190879	4.376245	3.47667
5.528774	1.551317	3.089652	4.634536	6.11218	5.813254	5.610635	6.363249	6.228605	3.213783
1.666586	1.93528	1.447935	1.666586	2.397501	1.917677	1.791854	2.016877	1.952668	1.695848
3.880654	1.933032	4.359691	2.486941	3.497073	2.332594	3.933823	2.335258	2.390461	3.763356
6.917864	5.918099	8.263583	6.586177	6.13627	5.961473	7.224037	6.551979	7.363874	6.998907

3.668536	1.401239	3.754625	1.902444	3.211281	2.080844	3.4515	2.767838	3.072825	2.621546
1.276413	0.913358	0.256955	0.233143	0.412133	0.380449	0.640484	0.412133	0.502674	0.40166
4.816316	4.001528	4.96292	4.326181	4.601	4.337193	4.492379	5.055	4.328388	2.912804
3.795325	1.540085	4.611445	4.292018	4.112933	4.778836	4.570857	4.287062	4.10955	3.135266
1.517545	5.303919	0.415287	2.104233	0.959894	0.256995	0.189686	0.533482	1.942327	1.056655
1.470264	1.175409	2.392175	1.769922	2.19022	2.51852	2.851273	2.530245	2.720896	1.400101
0.73973	0.645319	0.036424	-0.03666	0.283928	0.009654	0.018659	-0.03666	-0.04619	-0.03666
5.372036	4.942397	6.8856	5.286046	5.637317	6.385876	6.444384	5.343936	5.720148	4.777189
4.284341	4.720178	4.234978	5.493329	5.303228	7.318805	5.911105	6.430366	4.715617	4.974154
6.89416	5.622248	6.106191	5.496496	7.68225	7.646317	6.494385	8.039912	6.385562	5.848768
4.489053	4.579923	4.620883	4.714073	6.087183	5.345755	4.299982	6.29668	4.74821	5.090854
4.048589	5.487117	4.303067	3.53895	4.072815	4.08672	3.581444	3.766337	3.198842	2.950625
3.41035	1.226433	4.037192	2.542692	2.765895	2.722695	3.388662	2.919712	2.703356	2.774412
3.818706	3.026546	3.996045	2.995259	3.503367	2.696531	3.77355	3.093842	3.250762	3.161648
0.319335	0.587691	0.103433	1.873555	0.557979	1.544479	-0.05548	-0.07987	3.016957	0.852369
0.361694	4.459339	0.086216	0.888813	0.086216	0.155033	0.086216	0.20493	0.20493	0.449443
3.724258	1.034412	4.368907	0.362791	1.216933	0.105167	3.341776	3.426957	2.371063	1.220024
3.089867	1.664504	1.799688	1.002908	5.024838	5.492747	1.239832	4.480443	3.567312	0.457376
5.764186	6.110606	5.926292	6.49184	6.874681	6.868874	5.8811	7.623952	6.86771	6.410578
3.999912	4.12244	3.73727	4.285547	3.920295	3.891525	4.142127	2.656366	3.433303	3.146011
3.925045	4.600849	3.692387	3.758642	3.561372	2.95736	3.625056	5.311196	2.751485	4.623861
4.917876	2.254676	3.957984	2.939476	3.690047	3.258161	3.280722	4.216708	3.167678	2.591603
2.888624	3.281774	3.307074	3.988653	3.740352	3.060325	5.432435	2.468284	3.993441	3.383066
3.626942	2.66263	3.592486	3.010697	3.332843	3.775312	2.907205	5.020895	1.984241	3.203144
3.933708	4.609558	2.705074	4.126298	4.781335	3.527282	3.42306	3.484929	2.852488	5.364229
4.577537	3.474678	3.798026	1.983056	4.849236	1.226068	2.898086	4.21814	2.436054	5.141781
2.958942	1.598068	3.011762	1.838754	2.127107	2.331634	1.762059	1.640493	2.017264	2.165754

CGGA_24	CGGA_24	CGGA_73	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10
0.794406	1.314347	2.403756	0.322023	0.963515	0.650755	0.877197	0.66828	1.447897	0.614994	
0.73786	1.385317	2.558654	2.829097	1.210747	0.499443	1.1908	2.675288	1.824888	1.486338	
4.640979	4.838086	5.910271	6.115023	5.336991	2.748193	5.836089	5.804694	5.630328	5.547921	
3.061792	0.909026	2.339442	4.934537	4.053483	0.106759	6.694554	5.959616	4.682025	4.872948	
0.817296	2.05503	1.768288	0.900183	1.130489	0.994318	1.081992	0.986733	1.399264	2.550373	
6.291785	6.264709	7.340534	7.070933	7.153526	4.934526	7.272041	7.134327	6.852959	6.889424	
5.088369	5.406483	5.526631	6.185343	5.116355	3.954424	6.454284	6.018797	5.686049	5.632749	
1.054323	0.905896	1.396464	2.882302	1.283632	0.549975	0.344397	2.027044	1.60559	1.438836	
-0.00328	0.343035	0.734741	0.281878	0.164415	0.009871	0.175555	0.322024	0.281878	0.398683	
6.415248	6.772389	5.300696	5.693236	5.443845	3.201	5.401354	5.20251	5.893208	5.401354	
3.959659	3.711559	4.972887	4.952722	4.95542	2.556109	4.980525	5.072366	5.01426	4.889472	
3.761702	2.485434	3.290082	3.539705	3.508516	1.950186	2.857094	3.090781	3.695339	3.418486	
1.765959	1.548007	3.731431	2.164005	1.532259	1.52493	2.794676	2.982444	1.557552	2.136152	
1.912812	1.696483	2.229841	4.389329	2.65427	0.833692	4.790254	3.95851	3.406285	2.916918	
4.994135	7.431961	5.462477	4.496016	5.195758	3.299915	5.282121	4.941542	5.791865	6.2387	
3.987577	2.505369	2.894401	3.424121	3.070108	1.656849	4.149761	4.32475	3.483482	3.610107	
0.352647	0.571142	1.598709	0.98335	0.422404	0.609756	2.146416	1.432329	0.771094	1.40881	
6.849775	8.623182	8.412501	8.680722	7.672187	6.201418	8.52866	8.617564	7.834998	8.387073	
5.874825	6.641533	5.185746	4.237589	5.906858	5.377207	5.164582	4.458032	5.760202	6.514557	
4.116449	5.051328	3.684168	3.802365	3.838555	2.912299	4.297801	3.583493	4.068989	4.694493	
3.575926	3.610923	2.54002	3.221636	3.109929	1.829063	3.507266	3.283845	3.571492	3.294377	
3.009929	3.623777	2.643931	3.021323	3.277933	2.541071	3.160523	3.414043	3.725451	3.465992	
3.422202	2.764611	2.678433	3.297777	3.26769	1.363582	3.20242	3.081749	3.218559	3.220844	
1.730995	0.66422	0.321052	0.47796	0.077279	0.166457	2.597687	0.174991	0.484404	0.999023	
4.140045	3.473843	2.833356	3.845342	3.892031	1.31837	4.091004	3.619462	3.618759	3.571162	
4.473852	3.935477	3.123708	2.857588	3.224611	1.448045	4.346216	2.94749	2.099599	3.377055	
0.86965	1.510273	1.984801	0.71306	1.051164	0.504279	1.202454	0.705618	1.14509	2.10011	
4.63253	6.587718	5.186192	5.122931	4.887994	3.6735	5.47455	5.858715	5.984673	5.558536	
2.787314	4.012301	2.785777	3.894194	3.567176	4.746811	2.530031	3.347525	2.707253	3.363893	
4.747852	5.15839	4.611692	4.411304	4.385474	5.160252	4.275941	4.40662	4.818422	4.317097	
0.927943	0.835968	4.671169	2.243958	0.987495	1.461926	3.254036	2.129192	1.451294	2.463971	
4.542211	5.251533	4.404572	5.345381	4.528776	2.28822	5.104033	4.590825	5.303662	4.989683	
4.401162	5.063809	5.736334	5.020612	4.918673	4.051383	4.881218	5.125617	4.750991	5.634369	
2.538485	2.84942	3.755867	2.457782	2.249479	2.705236	2.912975	2.728945	2.672154	2.770911	
2.233409	2.888764	3.605006	3.616607	1.871694	1.413246	3.825095	3.170384	2.217679	2.62402	
2.868829	2.752606	3.143463	2.002884	2.119684	3.92502	2.495036	1.916391	2.241601	2.575437	
4.478911	5.396608	5.126438	5.974803	5.394471	3.509502	5.479867	5.648379	5.48765	5.229697	
2.98804	3.708868	4.391672	4.179738	3.473297	2.087424	4.248457	4.389816	3.790887	3.933152	
3.930234	5.025043	5.308536	4.833715	4.707377	3.826191	4.727855	4.709709	4.956085	4.416719	
0.013764	0.594934	0.922208	0.063859	0.018737	0.018737	0.258406	0.476851	0.063859	0.048966	
0.709046	0.566139	0.736802	0.70575	0.399834	0.161817	3.671114	0.686313	0.547975	0.70575	
2.122764	1.58097	2.355387	3.290139	2.308888	1.991774	2.455754	2.819343	2.684981	2.642668	
0.313431	1.859374	3.444444	3.064348	1.308244	0.531585	2.806026	3.004889	1.921326	2.179134	
1.497913	1.877881	0.810592	0.448633	1.08035	0.738608	1.122983	0.952627	1.357031	1.621237	
-0.02844	0.407344	1.598293	2.472238	0.680067	0.163418	1.036035	2.291362	0.64449	1.097211	

7.495643	8.631559	10.27477	11.44259	9.287558	6.586702	11.34138	10.59582	9.60678	9.693491
6.801479	5.180495	5.830089	6.730187	6.249701	3.442544	5.413928	6.351343	6.72381	6.286842
4.805486	4.427509	3.713853	4.466398	3.266012	1.687601	4.847581	3.714642	3.746037	3.740459
0.907516	2.403434	1.150372	1.416207	2.128148	1.300139	0.978794	1.951193	2.074585	1.805986
0.220333	1.492541	0.975312	1.083486	0.434843	0.223045	0.86985	0.755208	0.55331	0.755208
1.022938	1.556483	1.963511	1.08299	1.063236	-0.01339	0.330883	1.527509	1.391508	0.675051
2.211669	2.988419	1.978874	1.878842	2.105324	1.895326	2.484683	2.036029	2.359384	3.052019
5.076086	4.0463	4.537785	5.042358	4.468448	2.293537	4.939263	5.291602	4.536111	4.517752
3.924129	4.335668	4.097577	4.288514	4.239873	2.486725	4.897661	3.896457	4.419653	4.615189
0.003181	0.372898	0.90653	0.352753	0.029448	0.029448	0.458062	0.352753	0.435289	0.15897
0.352526	0.617911	1.051957	1.363536	0.646149	-0.0582	2.616748	3.441169	0.704738	0.485948
4.363695	6.562409	6.60629	7.742247	6.463596	4.849303	6.991353	8.019567	6.394119	7.441303
9.717012	9.381325	8.22958	8.812357	9.153751	6.190232	8.961277	9.010349	8.826373	9.127885
3.479478	4.035852	4.549642	5.110109	4.697124	2.16149	4.582541	5.06761	4.951489	4.08942
0.760605	1.531215	2.780559	1.442911	1.273474	0.632743	2.249402	1.922019	1.661867	2.360123
4.074327	4.442382	5.507343	6.125676	5.753612	3.182213	5.089963	5.952843	5.196174	5.050337
0.318889	1.118865	2.328126	3.61425	1.057765	-0.20696	3.442406	3.380802	1.084281	0.88845
2.698735	3.333076	3.728534	3.076213	4.461056	2.661917	3.430102	2.702655	3.298203	3.825652
0.680488	-0.09923	1.106651	1.651619	0.686618	-0.12167	0.169736	1.051087	1.257187	0.72478
7.714949	6.403134	9.550898	9.943738	7.895474	3.447116	7.570973	10.20675	7.772293	8.079669
3.413797	4.055832	3.542154	3.002778	3.17138	2.181939	3.108645	3.185406	3.506151	3.879796
3.215999	4.966801	4.375629	3.526247	3.631677	2.877048	4.238586	3.807689	3.951092	4.537201
0.321447	1.947068	1.263857	0.87219	0.988199	0.454477	1.275145	1.11101	1.055211	1.146638
5.929731	5.080985	5.732792	5.686333	5.670435	3.188947	5.744328	5.360757	5.680137	5.408371
3.953228	3.798855	3.248054	4.486388	3.670311	2.527112	2.900041	3.838342	4.040929	3.766975
1.617601	1.707388	3.876132	2.000575	0.972147	0.273985	2.868123	3.145915	1.353094	1.991357
3.292041	2.761118	2.744726	3.608041	3.475055	1.746513	2.932398	3.9379	2.259337	2.608979
3.449999	4.177573	4.184089	6.133918	4.317087	1.843581	4.146865	5.020344	4.571613	4.522615
3.650233	3.623989	4.491357	7.015309	5.179022	0.728301	4.430967	6.4	4.049744	4.419
0.921554	0.91742	2.996987	5.330163	1.84189	0.480881	4.946835	2.404512	2.263114	5.195212
0.966928	1.873271	3.373357	3.269877	3.120422	0.928324	3.011119	3.727934	1.961252	2.402428
2.419067	3.539575	3.390512	2.266967	2.471486	1.760459	3.409093	2.979554	2.773964	3.228355
3.375179	3.810918	3.614539	2.351006	2.898298	2.282542	2.567501	2.449323	3.4074	3.595053
2.99758	3.201962	3.25963	3.977686	3.589547	2.91806	3.133189	3.429853	3.705182	3.953847
2.686293	0.693197	0.965933	2.265918	2.239191	0.411361	1.936636	2.368974	2.377766	2.306147
2.965838	4.572547	4.54895	4.356974	4.179886	2.046703	4.459551	4.601068	4.397724	4.132577
5.51289	7.93258	6.413421	7.963509	7.390501	4.829987	7.863551	8.026625	7.297557	7.243143
0.612127	0.125814	1.366126	1.169696	1.10159	0.518647	0.855908	1.145363	1.311792	1.731122
5.295306	6.024517	5.09951	5.837253	5.863923	3.896558	5.589594	5.637089	5.320832	5.384322
0.30763	1.101183	1.36584	0.856102	0.406368	0.224869	0.65436	1.270443	0.377813	1.47288
3.698011	4.510962	3.609494	3.249997	3.855998	2.471228	3.67794	2.953522	3.757749	4.280681
0.033202	5.310139	4.176778	2.46485	2.7708	1.069337	1.855689	1.590773	3.880731	4.050351
1.964797	2.750695	2.26375	1.803722	2.009606	1.583365	2.60463	2.365073	2.441822	2.214271
2.68589	3.364196	4.940256	3.135625	2.917867	1.218989	3.032862	3.548258	3.370796	2.796239
3.342397	3.614475	7.720809	3.973446	3.894678	1.984115	4.545155	5.106632	5.491948	3.092124
0.39341	0.623555	1.397555	0.637265	0.380777	0.051625	0.707451	0.514984	0.051625	0.544181
1.078933	1.581704	4.514671	3.471451	2.093806	0.471095	3.782026	3.787794	1.993955	2.422095

-0.02335	0.823272	3.345339	0.334131	0.213325	0.259683	0.244376	0.259683	0.853252	0.274847
2.025169	3.35168	4.730485	7.201107	2.688676	1.756959	5.21833	4.486213	3.432301	3.483443
2.371141	4.357992	2.509625	2.996412	2.966811	1.085845	2.433236	2.509092	2.079862	2.439114
3.175196	4.943946	3.954695	3.981405	3.494847	2.267803	3.550547	4.16417	3.995908	4.08586
1.14424	2.162613	4.115236	3.283269	1.996742	1.503239	2.986798	2.891208	2.895962	3.523086
6.651955	5.988875	6.935454	5.681679	5.553236	4.765284	4.812401	5.064222	6.146186	7.167356
0.713817	2.097428	4.737614	3.555279	1.726609	0.871928	3.15972	3.883628	2.35867	3.231659
6.752657	6.949894	7.089193	5.837207	5.895217	4.460797	6.977819	7.137275	6.275479	7.168632
1.678554	2.642783	2.899033	3.216054	1.694044	1.078952	3.515502	3.042561	1.565816	2.445219
1.849037	2.779885	1.874239	2.035221	1.986616	1.080132	2.551735	2.586185	2.254327	2.309506
3.419937	3.069377	2.982035	3.520196	3.065768	2.177374	3.166313	2.728704	4.012103	3.811669
0.040024	0.553155	0.391527	0.194105	0.072671	0.103917	0.534464	0.103917	0.072671	0.498737
7.996344	6.046961	7.024986	9.279222	8.698718	5.616323	8.31303	8.886767	8.285481	8.016659
4.485516	5.047343	4.902952	4.782498	4.760998	2.894978	4.638622	4.638481	4.942009	5.112328
2.23835	3.075579	3.868576	2.249674	2.810338	1.392471	4.57745	2.979831	3.285759	3.565182
0.253322	0.341963	2.110328	1.20996	1.009912	0.093095	0.750351	1.324998	0.521992	0.608676
3.153684	5.048781	4.293207	3.910901	3.944155	2.060753	4.742392	3.909054	4.80708	5.192778
0.345642	1.493505	2.903689	1.289466	0.950722	0.677107	3.147167	3.440861	1.100431	1.979404
2.455802	3.412249	2.517853	3.169295	2.279635	1.904588	2.648427	2.896918	2.94442	3.125932
3.302995	2.653049	2.901612	2.844085	3.054868	2.603251	3.441003	2.958806	3.456284	3.554699
0.158083	0.245022	0.255489	0.709906	0.222463	0.011882	0.059361	0.826521	0.38411	0.047664
-0.03658	0.250368	0.642105	0.040664	0.029523	0.062618	0.029523	0.029523	0.040664	0.029523
4.222048	3.054884	2.552882	3.265992	4.261399	1.195212	3.782283	3.786843	3.817179	4.44405
3.942651	2.505529	3.473556	3.152801	3.895434	0.454442	2.372099	3.336222	3.52359	2.968519
1.467311	2.448451	3.275355	2.113123	1.545345	1.67106	2.885018	2.118211	2.071715	4.219003
4.496309	4.474433	3.014303	2.927424	3.405172	1.542818	2.660089	2.715356	3.467062	3.524631
3.601574	4.163877	3.995647	4.345008	3.744035	1.900185	4.259971	3.903946	4.558656	4.18065
7.585523	5.817236	7.092599	7.08893	6.71105	3.531493	7.232719	6.821253	7.083967	6.957857
-0.03597	0.435924	0.501302	0.108254	0.057751	0.01857	0.260242	0.083243	0.083243	0.057751
-0.11677	0.44644	1.65059	0.96928	0.877574	-0.05927	0.732766	1.825053	0.498663	0.59909
4.025634	3.421205	3.521658	2.118326	3.012995	3.32403	3.122706	2.144445	3.290614	3.931241
6.188131	7.429722	5.875326	8.34964	7.050871	4.471801	7.489623	7.324141	6.800233	6.62717
-0.00167	0.158647	0.268524	0.103662	0.038641	0.009424	0.54083	0.130282	0.103662	0.094629
0.735443	0.435999	0.985205	1.515037	0.469109	0.1197	0.684133	0.703005	0.458008	0.353972
4.031048	3.627146	3.885188	3.501931	4.251248	3.235466	4.237883	3.452135	4.390047	4.977485
5.041945	5.247497	5.629045	6.172574	4.806995	3.339548	5.584062	6.10563	5.383844	5.26809
5.226895	4.112416	5.000227	5.735025	5.082694	3.486399	5.061213	5.715687	5.405762	5.381564
3.755431	2.869544	4.68857	4.198483	3.882493	3.281395	4.437274	4.441721	4.242923	4.566635
4.538462	4.230448	3.530948	3.744804	3.977312	3.371125	4.41076	3.838381	4.484574	4.732828
0.862218	1.101096	1.233072	0.92633	0.603469	0.952854	2.503457	0.817606	1.06997	1.096585
3.075905	4.442285	6.858082	6.101844	5.221359	3.199042	5.917417	6.618874	4.9946	3.440472
-0.04249	0.122851	0.218739	0.087439	0.004922	0.004922	0.087439	0.015591	0.015591	0.026154
3.839546	6.300333	6.333812	6.413941	5.204953	4.696381	6.608308	6.713908	5.009568	5.427876
4.58754	4.180153	4.133592	4.38027	3.780528	2.786506	4.301428	4.28158	4.568544	4.476268
4.20199	5.02649	5.329937	4.114606	4.382635	3.658755	5.062762	4.407228	4.681015	5.202447
3.409123	3.718636	3.067628	2.862406	3.092802	0.950098	3.111631	2.701192	3.326529	3.545474
3.904378	4.173851	4.77172	5.316772	4.563412	3.214756	5.627639	5.345986	4.637013	4.359171

2.378693	1.525928	2.662253	2.004637	2.101095	1.650169	2.538178	2.715489	2.153506	1.764974
-0.03005	0.377231	0.659885	0.847005	0.159799	0.116516	0.180874	0.492355	0.318949	0.094281
5.021974	5.437844	3.941484	3.262837	4.732851	4.058821	4.558467	4.025808	4.291063	5.178392
0.245019	0.408455	0.483715	0.382102	0.293357	0.524522	0.232732	0.739451	0.232732	0.293357
0.115314	-0.04567	0.189443	0.585309	0.336887	0.021264	0.103682	0.517248	0.267311	0.359339
4.965335	5.33654	6.958736	6.734676	5.211974	3.570826	6.86225	7.298774	6.146005	5.611296
4.698715	4.0506	4.141735	3.38525	3.099254	2.626629	3.829297	3.321974	4.405963	4.632871
2.008299	2.81775	2.307034	2.944993	2.721457	1.40495	2.927009	3.118434	2.786084	3.299544
0.83307	0.944877	1.494245	1.413074	0.963534	0.52418	2.38131	1.377995	1.200653	1.33585
4.904125	5.887763	6.649722	7.181958	6.110422	3.263884	7.295484	6.832291	6.268653	6.0391
-0.02556	0.256132	0.334625	0.036611	0.000439	0.000439	0.036611	0.089561	0.174536	0.000439
0.945889	1.466664	2.628148	1.827449	0.807645	0.120129	2.91868	2.968587	0.987585	1.546534
2.920849	3.211923	3.237735	2.408642	2.361046	1.440234	2.895654	2.889341	2.774328	3.065855
4.585995	4.06521	5.146547	6.634982	5.474527	2.602859	6.269109	6.751716	5.61956	5.441416
0.080342	-0.01594	0.384402	0.638058	0.407015	0.088916	0.54133	0.568419	0.475876	0.827356
-0.0765	1.042974	1.075626	0.270736	0.381061	0.091075	0.482615	0.371416	0.332091	0.625226
5.050862	4.638785	4.74691	4.161713	4.434968	2.786539	5.072591	4.904981	5.068485	5.230078
5.530803	5.476222	5.920422	6.362169	5.105316	3.712893	5.499633	5.395624	5.546304	5.815082
-0.06163	0.534296	0.801711	0.034942	0.194386	0.094268	0.139766	0.034942	0.047036	0.287019
8.061923	8.240912	9.510038	9.428196	9.577998	6.801746	9.638653	9.40592	9.7778	9.673153
4.303699	5.615718	5.193693	4.313393	4.732252	3.365099	4.942029	4.722239	4.857424	4.870055
2.424709	2.24408	2.462239	2.306429	1.072747	0.163449	2.074786	4.816997	1.319079	0.8384
3.974528	4.078844	5.474981	7.214874	6.940326	1.934976	7.312896	8.001116	6.16672	5.951027
3.038218	3.932975	3.774364	3.594057	3.646034	2.945815	4.051414	3.560632	4.161055	4.5359
2.192088	3.791426	3.782399	3.704456	3.261024	2.381053	3.823658	3.963021	3.572897	3.64794
0.256454	1.098182	2.223272	1.493923	1.289922	0.577915	1.558561	1.904513	1.064718	1.537419
-0.02435	0.131381	0.192862	0.190285	0.161015	0.355794	0.038463	0.219046	-0.00994	0.131218
0.216672	0.168244	0.545254	1.298085	0.657277	0.3185	1.144414	4.484123	1.165383	1.22657
4.521048	4.709215	4.698614	5.268671	5.436921	2.176117	5.826589	5.628124	5.2203	5.123917
3.310208	4.80362	2.723831	2.80182	2.398155	2.688784	6.807494	3.133173	3.982644	3.31996
0.713279	2.453357	2.824427	2.378354	2.282828	0.256765	3.177222	3.316816	1.791134	2.339073
5.396287	5.10368	6.041475	4.999655	4.674883	3.580356	5.213094	4.258561	5.931323	5.266101
2.001714	1.37971	2.469539	3.123215	0.238693	0.052402	1.683733	2.122891	1.236599	0.25111
5.092401	4.782254	4.816881	4.610427	4.544872	3.014552	5.593166	4.743193	5.738818	5.070848
0.497544	3.076425	1.021442	1.747633	2.383676	0.02401	1.246498	1.661282	1.11958	0.953266
3.678133	3.184455	3.558802	3.679785	3.070801	1.266343	3.320208	3.626008	3.397053	3.192357
1.557762	2.357026	1.063284	1.956575	1.804637	0.75983	2.473136	2.205117	2.462233	2.021421
0.882208	0.480544	1.801679	0.335241	1.35898	0.669742	0.372317	0.718549	0.363155	0.542191
5.695991	5.162557	4.92844	4.660407	5.263005	2.504877	4.689292	4.603209	5.39001	4.895421
5.351047	5.02848	5.189746	5.638385	5.24287	2.958331	6.30136	5.414749	5.698144	6.106241
0.451056	0.826752	1.799351	0.898481	0.383562	0.284909	0.91255	0.588023	0.414835	0.455385
4.616573	4.658693	6.693602	5.070662	4.488516	4.091083	5.645035	4.907171	5.044022	4.481185
5.981722	6.004155	6.635494	6.721776	6.577779	4.909415	7.284781	6.644252	6.524878	7.133943
0.945733	0.338137	0.277648	0.520169	0.655896	0.140595	0.009481	0.450952	1.072507	0.678422
2.761225	1.840757	3.146265	2.954066	1.72538	2.041153	2.950682	2.471139	2.333282	3.275552
1.933524	0.881598	3.101123	1.596991	2.513987	0.685033	2.970461	1.581404	2.269016	1.858879
1.354849	1.954147	2.786031	2.928773	1.678514	0.853387	3.581686	2.558694	2.136773	2.440521

4.672382	3.612728	4.323722	3.77227	3.799757	1.656056	3.338268	3.976868	4.113955	4.403644
0.560923	1.299429	3.248322	1.6317	1.478092	0.277382	1.816819	2.918954	1.065788	1.816819
3.125772	0.970023	2.250417	2.469401	2.654087	1.270329	2.648232	3.145378	2.489414	3.406888
3.442252	3.9865	3.603522	3.302715	3.090322	2.157706	4.062867	3.676873	3.594412	4.248863
7.153843	8.29503	8.986093	9.955339	8.410226	5.560809	10.00097	9.632646	9.090642	8.90553
4.346271	2.515056	3.928036	4.893766	4.542323	1.795973	4.704813	5.362325	4.862456	4.566623
2.71608	2.704875	5.255941	2.900603	1.757737	2.290085	4.144585	2.92749	2.011159	4.016869
7.532872	6.081273	7.394135	7.860227	7.205104	3.060942	7.315514	6.912004	7.214427	8.624348
3.950614	3.35249	4.177538	3.412474	5.268097	3.031371	4.141454	3.739389	3.717316	3.71896
4.00128	4.908179	2.90458	3.221148	3.360276	3.52789	3.421812	2.570392	3.84228	4.081921
1.111883	1.306935	2.109694	2.135366	1.285827	0.342464	0.898454	2.41205	1.899523	1.556595
3.300809	2.672399	2.626006	2.938366	2.689238	1.428826	2.724031	2.641774	3.255117	3.339923
4.050723	3.230386	3.937219	4.113431	3.758024	1.726881	4.094817	4.336669	4.089654	4.167969
3.350738	3.677454	3.517535	3.235517	2.715059	2.554153	3.377342	3.040281	3.525011	3.563793
2.031248	0.333243	2.051102	1.714159	1.744632	0.496655	2.142609	1.364626	1.903681	2.745678
3.53664	3.107315	3.439829	3.272821	2.877269	2.2571	3.556661	2.896504	3.206205	3.610035
2.121731	2.268465	2.41311	1.263117	2.063875	0.8791	1.386087	1.448804	2.382167	2.292964
3.621196	2.35867	3.082199	3.259677	3.118042	2.790345	2.464302	2.985969	1.856318	3.74066
4.222654	3.360558	4.336805	4.041697	2.239231	4.198771	4.260721	1.231928	2.844371	6.058182
3.804458	4.496892	4.225711	4.099866	3.081415	2.754036	4.237277	4.040998	3.836715	4.002934
1.255414	2.872162	1.453869	1.615517	1.063676	1.911133	2.13851	2.369568	1.535322	1.463763
3.878971	3.385026	4.503804	4.587871	4.075104	2.95092	4.418478	4.532068	5.01846	5.241497
1.984443	2.170074	3.607634	2.427993	1.894635	0.936625	5.320502	1.959371	2.541324	3.063857
4.85519	4.804178	4.536874	4.317956	4.956007	2.80989	5.256855	4.396448	4.760972	4.874001
4.66811	5.599316	4.834155	4.447856	4.081228	4.467719	4.527648	3.889921	4.663962	5.419086
4.767085	5.355803	5.002918	4.496209	4.332366	4.28225	4.251624	4.598011	4.661756	5.859143
4.048528	4.901096	4.948557	4.494185	4.07509	3.268293	5.536682	4.186087	4.657445	5.266648
4.519132	5.995918	5.295756	5.364286	5.419832	4.263459	5.447047	5.598084	5.336079	5.155081
4.902286	5.432571	6.30221	7.828017	4.351853	1.396412	7.712399	4.776768	4.12538	7.152298
5.541071	4.688112	3.844211	2.223277	5.613815	5.460404	4.27197	6.226995	7.092882	6.277231
3.277349	4.632565	4.344565	3.715729	3.677013	2.464328	4.081822	3.996359	3.25381	4.085182
5.198546	7.66121	7.753593	4.172283	6.284868	4.455874	5.767549	4.02253	7.09557	6.307886
2.891167	3.703809	3.505444	2.010551	2.09597	1.54927	2.102525	1.714647	2.579898	3.327092
2.534536	2.638733	3.086065	3.134336	2.411553	1.23872	3.356753	3.498548	2.632767	2.833172
1.49309	1.994596	2.981044	2.736533	2.631906	0.700004	3.756584	2.868858	2.621372	2.417456
1.33524	1.678223	4.056492	3.397948	1.892113	0.744086	3.444705	4.471593	2.067984	1.730753
-0.17122	1.081893	1.564924	1.234577	0.405549	-0.0143	0.458822	0.643572	0.113759	0.637242
5.784927	6.549966	5.340704	5.526408	4.937113	4.506922	5.354866	4.831337	5.670767	5.631071
4.740221	4.85471	4.316596	4.54856	4.486466	3.018613	4.989994	3.964578	4.621947	4.932018
6.137733	6.332626	5.329108	5.190985	5.265398	3.874484	5.609904	4.734298	5.74452	5.888305
0.267195	0.772702	0.840577	1.028699	0.17443	-0.02254	1.138876	0.597488	0.025785	0.09852
2.918621	0.446226	3.382686	2.022619	0.917098	0.003218	1.049189	1.744635	2.36556	2.86712
3.127756	4.5845	4.232718	4.073311	3.857696	2.517491	3.664625	3.93767	3.80194	3.673957
2.884413	4.488691	5.331668	3.115109	2.77203	3.008579	6.158597	5.286535	2.50007	5.688751
1.852449	0.775013	2.106527	2.574512	2.100595	0.879799	1.308357	2.332389	2.788238	2.342226
4.915299	3.920974	4.025403	2.974321	3.63412	3.968039	3.286846	2.488686	3.452319	4.163802
6.495844	6.338507	6.218387	6.355569	6.950084	5.257559	6.729836	6.826683	7.051855	7.254189

3.690466	3.427483	3.071338	2.170076	2.531782	2.323947	3.466468	2.34136	2.741852	3.292374
0.596198	0.788159	1.457357	0.445112	1.043366	0.173909	0.445112	0.701657	0.499735	0.98449
3.714341	4.672683	4.835577	5.312571	4.455596	2.799547	4.613511	5.053911	4.577387	4.902647
3.927647	2.6893	4.807842	3.303265	3.799887	2.091154	3.849653	3.675796	3.995855	4.14904
0.603179	0.447397	1.100614	5.182607	3.338268	0.367214	0.738866	3.338268	2.54364	4.394662
0.746023	2.593914	1.997408	2.37459	1.853754	0.859949	3.193211	2.689773	1.634532	2.713699
-0.06554	0.961177	0.821884	0.337255	0.191241	0.098724	0.216623	0.459276	0.203988	0.31392
4.650406	6.197296	5.523322	5.447117	4.686385	3.97091	5.933465	5.611268	5.46085	5.473162
1.826613	2.281891	4.914175	5.696038	3.400788	2.216275	5.895131	6.222147	2.298369	3.902394
5.987871	5.450188	6.401907	6.128924	5.528661	5.400688	6.804269	6.109685	5.896984	6.165956
6.334591	4.943503	5.85505	5.512767	5.446908	4.018949	5.722085	5.702403	5.249445	5.269757
1.237447	2.705199	4.60375	4.21061	2.947477	2.05259	3.815441	4.186563	2.824176	3.668577
3.051331	4.616255	3.801109	2.714215	3.007805	3.455814	3.304563	2.945153	2.972189	4.018646
3.867527	4.587604	3.453242	3.669265	3.728327	2.98238	3.186983	3.662077	3.561531	4.091816
-0.14293	0.480566	1.281233	0.585842	0.049712	0.049712	0.619101	2.071484	0.183338	1.477573
0.086216	0.376627	0.346633	3.693613	1.669908	-0.12499	-0.07981	1.525404	0.401938	1.105464
2.04701	4.62169	1.262546	1.776363	1.35879	1.318507	2.785028	2.746203	2.103023	2.035287
0.182041	1.176344	1.574816	2.03695	0.757429	-0.11007	2.019234	3.160871	0.286591	0.867542
6.553937	6.081547	6.614012	6.355497	6.558677	5.176283	6.904989	7.089563	6.641366	6.107723
2.626592	2.868061	3.858923	3.803106	2.696231	2.131867	3.851225	3.042983	3.548197	3.154025
4.719552	3.64251	4.009731	4.54652	3.298247	2.393252	4.516686	4.42932	4.887208	4.836379
2.915094	4.963666	3.821789	3.479504	4.850888	2.552085	3.810867	3.61696	3.763744	4.655053
3.505427	4.753317	2.947324	3.333443	3.440455	3.722266	3.812999	3.583	3.279783	3.665296
3.52368	3.29879	3.331907	2.720581	2.38769	2.652722	3.405747	3.206765	3.610516	3.987952
3.467197	4.385507	5.190107	4.724101	3.058227	2.009975	3.697172	4.459693	3.994637	5.348616
5.333836	1.675619	4.129996	3.778842	5.557551	4.090588	3.299306	3.512981	4.529933	4.507735
2.172693	3.228063	3.231904	2.323719	2.275971	1.377927	2.364462	2.457783	2.439285	3.399575

CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10
0.37739	0.21612	0.140496	0.252371	1.347616	0.40953	0.97046	0.614994	0.736144	0.596745
1.565886	1.453245	2.218377	1.079482	1.694142	2.431344	1.912661	2.78554	1.900445	3.006486
6.263405	4.191303	6.191078	4.662611	6.513348	5.966234	5.720466	5.76771	5.731562	6.157438
5.529419	-0.25625	6.425686	6.022999	4.849989	6.159032	2.682984	6.522906	5.910846	5.620045
0.940252	0.816068	0.678507	0.678507	0.850381	0.963703	1.806275	0.629154	1.016806	0.598601
6.911544	5.437508	7.159464	7.160605	6.833814	6.524734	6.945178	7.260433	6.90606	7.088547
5.827743	6.540242	5.826835	5.537011	6.6716	5.506019	5.662347	6.995513	6.238708	6.945475
3.05283	0.700039	3.053747	1.800808	1.864277	2.665825	0.613561	-0.11959	0.267975	1.412681
0.250909	0.780915	0.250909	0.229834	0.095425	0.281878	0.351318	0.488401	0.009871	0.009871
5.790425	2.396702	5.692248	4.932138	6.024631	5.384998	5.797145	5.489431	5.862703	5.521728
4.768344	3.579274	4.736347	4.919943	5.297593	4.464786	5.035459	4.784466	4.654168	4.928629
4.121163	1.928433	3.115115	2.753654	4.026917	3.652663	3.69623	2.875924	3.50217	2.984331
1.582304	3.132103	2.31466	2.211701	2.449606	1.781124	1.968437	3.246471	2.233836	3.12474
3.768117	2.146314	4.033404	3.813087	4.075354	3.473048	2.877866	5.635705	3.981536	5.241818
5.031218	3.99192	3.773644	3.813937	6.12223	4.494132	6.507463	4.806854	6.138866	4.684618
3.040335	2.102827	2.724889	2.142212	3.639322	2.76463	4.121914	3.590179	3.733986	3.302472
0.85688	1.957462	0.295632	0.326136	1.737768	1.117931	1.384805	1.922333	1.737768	1.737768
8.184029	7.676049	9.079879	9.454617	8.540225	8.141557	8.199054	9.024738	8.532913	9.021393
4.562491	2.948616	3.212027	3.298948	5.352291	3.993121	6.336854	3.858944	5.251908	2.936221
3.880115	2.613008	3.253017	2.600747	4.163451	3.595797	4.480745	3.649847	4.412977	3.851466
3.385518	1.893342	2.771863	2.409731	3.440526	3.03704	3.613695	3.053105	3.392203	2.983006
3.34956	2.397982	2.673487	2.555447	3.724732	3.529435	4.242084	2.620841	3.095604	2.913954
3.535863	1.62584	3.250094	2.667453	3.061963	3.052597	3.504302	3.088261	3.434414	2.965693
0.540772	0.639986	0.224859	0.113818	0.957933	0.272573	0.534649	1.829718	0.113818	1.509868
4.119047	1.453766	3.958082	2.957573	3.931999	3.721453	3.676125	3.715743	4.009161	3.702287
2.036279	1.81794	1.720239	1.888737	4.0133	2.264388	4.454644	4.867975	4.631127	3.6908
0.799209	0.778199	0.486747	0.749649	1.918718	0.78524	1.004512	0.749649	1.128998	0.956131
5.535619	3.34251	3.933878	3.858155	5.178216	4.753166	5.560773	4.921674	5.017906	4.689418
4.509124	3.117931	4.011376	2.73734	2.89776	4.890184	2.334923	1.639411	3.078226	2.646902
4.296514	4.010626	4.23274	4.372511	4.532288	4.010106	4.57887	4.265301	4.070311	4.147249
1.548931	3.895266	0.948699	2.071051	2.383523	1.65347	2.359964	3.739792	3.208281	3.613036
5.585281	2.454439	4.445981	2.901571	5.636057	5.004582	5.363064	4.325934	5.305105	5.118219
4.651986	3.931658	4.37145	4.798452	4.306162	4.552506	5.298517	4.28707	4.898826	4.955635
2.280607	2.856565	2.92759	2.844966	3.166203	2.029088	2.975673	3.166203	2.658667	2.770911
3.424337	2.468646	5.062781	4.002806	2.516225	3.406288	1.69761	1.905521	1.492369	3.326849
1.487001	2.257598	1.563703	1.81474	2.329348	1.538719	2.365961	2.475626	2.631667	2.095449
5.853374	3.570568	6.43279	6.40098	5.52998	5.567659	5.086896	5.541144	5.27223	5.659159
3.875872	3.649566	4.221594	4.015876	4.42761	3.528395	3.486077	4.871608	3.95229	4.743929
5.049585	5.248676	5.252502	4.931994	4.909566	4.948648	5.161516	5.337514	5.797803	5.773289
0.033927	0.063859	0.018737	0.018737	0.063859	0.078608	0.063859	0.150289	0.122019	0.334747
0.76223	-0.03602	1.289037	0.78048	2.689655	0.487822	0.055969	0.495508	0.066986	0.322691
3.325864	1.959309	3.791713	3.50447	2.805413	3.048031	2.513559	2.041525	1.956565	2.83175
1.71152	2.247992	1.949549	3.501667	2.947701	2.351493	3.054479	4.815931	3.857398	4.282313
0.635766	0.89716	0.32304	0.294192	0.796066	0.5692	1.528092	0.264582	1.491901	1.159564
2.391172	0.570046	2.345851	1.302532	2.302458	1.773217	0.379206	1.272789	0.195203	1.699854

10.45663	9.478985	10.6842	10.83664	11.02245	10.34827	10.56756	13.3978	11.22611	12.71253
6.929123	2.860369	6.579886	4.855035	6.796398	6.455329	5.592832	3.709876	6.523862	5.590747
4.48906	1.116781	5.496034	4.088705	4.761172	3.865772	4.228129	4.696618	4.098697	4.520274
1.065762	0.244627	0.140799	0.198595	1.134202	0.935176	1.810597	0.592231	1.170977	0.297531
1.291033	0.371852	0.924005	0.208745	0.714932	1.153423	0.447125	1.099315	1.435865	0.959037
1.373633	-0.0458	0.361552	0.69754	1.039052	1.13648	1.343178	0.751825	0.971823	1.239613
1.946412	0.959588	1.1607	0.919285	2.162768	1.682283	3.065117	1.848511	2.55893	2.047425
4.893277	2.293537	5.055164	4.663159	5.137478	4.718543	5.046742	4.751038	4.811848	4.869797
4.341972	2.390826	4.122209	3.033324	4.737162	4.187303	4.525047	4.627441	5.037261	4.897514
0.029448	0.029448	0.029448	0.029448	0.226379	0.029448	0.278211	0.278211	0.446719	1.151694
0.244144	3.635506	0.646149	0.348256	5.38466	1.105355	0.332809	3.137975	0.766077	2.982305
7.617349	5.460839	8.06897	7.993122	7.093064	7.591251	7.559621	9.038144	8.078875	8.332025
8.86078	5.1207	8.760139	8.837538	8.679622	8.669692	9.152199	8.369568	9.04916	8.554247
5.143217	1.475647	5.278716	4.73392	4.763092	4.801024	5.252902	4.476426	3.993114	4.097437
1.156646	2.463836	0.718869	1.041693	2.08013	1.123947	2.030721	1.661867	1.861996	2.62697
6.036659	3.516349	7.024214	7.880045	5.81881	6.053831	4.7931	6.152276	5.249283	6.040694
0.220829	1.77171	1.960593	2.280904	3.216846	1.148041	1.067779	2.321202	1.196647	4.328227
3.096524	3.467906	3.199023	2.858497	3.391943	4.592195	3.357918	3.224724	4.123939	3.343309
1.6835	0.002475	2.150353	1.840645	0.893954	1.047594	0.161949	1.659676	2.664826	1.768514
9.645368	4.55642	10.81331	12.12373	9.648034	9.443128	8.21254	9.275186	8.882836	9.698599
3.126968	2.681063	2.365696	1.823331	3.41207	3.034345	3.639932	2.624969	3.482436	2.672222
3.52925	2.8515	3.096907	3.393336	3.962096	3.195713	4.523839	3.644206	4.089318	3.812947
1.11101	0.731555	0.538648	0.310301	1.177709	0.950924	1.081618	0.863068	0.628115	0.59323
5.93664	2.581737	5.180755	4.568926	5.790859	5.619506	5.592616	5.174356	5.96418	5.503296
4.688987	1.868132	4.432316	3.435398	3.946162	4.270828	3.900807	2.902868	3.527144	3.409665
1.820334	1.576845	1.655414	1.655414	2.738317	2.036768	2.797183	3.489813	3.405389	3.630916
3.508033	1.990184	3.551394	3.163229	3.553367	3.28303	3.314024	3.756005	3.279814	3.201505
6.389317	2.451982	6.659806	4.929624	5.822866	5.781139	4.051419	4.206635	4.14192	5.283957
6.154523	3.269151	7.635787	6.543417	6.146957	6.178248	4.69657	6.039957	4.350996	6.289681
5.037414	2.701401	4.00824	2.580663	2.578272	4.499077	3.905678	5.756508	5.771119	6.138531
2.77425	2.117299	3.522633	4.103837	2.811639	3.039391	2.694451	4.260381	3.336265	3.853334
2.177806	2.699644	1.270667	1.801264	3.024371	2.198652	3.440739	3.392182	3.873008	3.343217
2.59895	1.904724	1.854648	1.560403	2.926986	2.503737	3.54142	2.071263	3.039554	2.203643
3.92168	2.232205	3.332047	2.204144	3.93087	3.458734	3.834438	2.537223	3.473967	2.971296
2.403696	1.477214	2.341226	1.536871	3.036603	2.064576	1.769836	2.472178	2.11452	2.277575
4.566977	3.149443	3.879669	4.054312	4.054312	3.912684	3.957773	4.530335	3.947206	4.200831
7.55854	5.951648	8.500422	9.018395	8.003832	7.453175	6.996251	8.593178	7.591089	8.307386
1.536937	0.445058	1.39985	0.775693	1.193559	1.696225	1.627491	0.698756	1.700152	0.672006
5.409661	3.973219	5.984061	6.418073	5.67145	4.914246	5.099907	6.335582	5.333766	5.578366
0.995326	0.377813	1.190189	0.849408	0.23564	0.829117	0.614818	0.700285	0.461675	1.549767
3.608323	2.127858	3.114172	2.284199	3.519936	3.582291	4.097534	3.382287	3.944158	3.283437
2.415894	1.41624	1.536074	2.677936	6.639761	1.524819	2.350033	3.581472	5.266677	2.900434
1.706274	2.879027	1.44131	1.353112	2.519496	1.648411	2.708224	2.334668	2.310212	1.950025
2.858386	2.798177	2.964259	3.801303	3.501289	2.365329	3.241767	3.631058	3.238611	3.373019
3.00819	4.24295	3.851149	5.8872	7.469881	3.570839	3.410065	5.393468	4.943943	6.399394
0.806447	0.051625	0.279556	0.051625	0.830123	0.637265	0.118815	0.790434	0.118815	1.274347
2.018573	1.765817	2.771698	4.177701	3.61685	2.550844	2.746212	5.3691	3.341329	4.800689

1.134505	2.070752	0.709486	1.023945	0.289871	1.195696	1.358845	3.436119	3.086414	4.254881
2.832968	3.854871	1.911288	1.855587	5.517906	2.377512	5.016332	8.484421	4.781316	5.909971
3.132865	1.061732	2.417407	2.656952	2.706913	2.722065	2.359055	2.529053	1.909229	1.795088
4.094249	2.679002	4.091606	3.765827	4.228419	3.93369	3.772297	3.389336	2.902689	3.348985
3.285241	3.304764	3.023583	1.193746	2.891208	2.852397	3.475325	3.356974	3.206882	3.841156
4.903563	6.09651	3.696264	4.083004	5.083917	4.533943	6.636315	5.656381	6.227351	5.866581
1.772572	2.719127	1.607602	1.348192	3.847226	2.605	2.771666	3.978589	3.461453	4.861179
5.035137	5.274256	4.857774	7.437622	7.219534	5.024209	7.303485	5.220426	7.119684	5.728532
2.282429	2.665247	2.218857	1.591661	3.563621	2.389436	2.003491	3.61174	3.669024	4.312947
2.219496	1.173854	1.858817	1.7453	2.664207	2.267655	2.194581	2.341576	2.132979	1.730834
3.558595	3.042365	2.271972	1.936613	3.451096	2.924483	4.372811	3.327031	4.308385	3.870128
0.072671	0.149655	0.072671	0.386431	0.134556	0.103917	0.237337	1.752638	1.026199	0.179427
9.149213	7.455268	9.234792	8.340415	8.746396	9.083881	8.836562	8.502496	9.018102	8.691053
5.106879	3.059624	4.62398	3.959923	4.361849	4.824805	5.548892	4.356946	4.715593	4.487557
2.888383	2.863516	1.260209	1.478894	3.037207	2.29619	4.090709	2.577804	3.247028	3.480387
1.557674	0.5612	0.645499	0.460979	1.135966	1.05772	0.758735	1.239643	0.724885	1.379069
4.33438	2.113048	4.039206	3.127754	4.767921	3.924339	4.99235	4.183206	4.266861	4.280409
0.917113	3.960905	0.667025	0.934016	3.682108	1.67295	1.667917	3.058041	2.023367	3.191485
3.483409	2.183076	2.889156	1.820687	3.191146	2.865515	2.894706	2.806956	2.595128	2.903525
3.045945	2.858458	2.352851	1.898189	3.164464	2.725489	3.606813	2.705045	3.416082	2.769116
0.869001	0.011882	0.486472	0.470001	0.105048	0.863023	0.023927	0.011882	0.059361	0.105048
0.029523	0.073436	0.040664	0.094762	0.062618	0.062618	0.040664	0.040664	0.08415	0.28828
3.26775	1.737965	2.086426	1.750543	1.993148	2.798135	4.46681	2.909881	4.211412	2.421861
2.970793	0.865039	2.901826	3.344572	4.278916	2.640785	4.896484	4.632822	4.496117	3.14889
2.316315	2.31192	1.432277	1.545345	3.001082	2.01811	3.211626	3.153717	3.902046	3.098164
3.060436	1.356955	1.999293	1.711964	3.231712	2.906771	3.568018	2.592615	3.543162	2.571528
4.464877	2.081473	3.643112	2.505682	4.036348	4.126023	4.651778	4.150877	4.567448	4.209572
7.008444	4.276515	7.369865	6.861685	7.325065	6.840613	7.137918	7.104335	7.257642	7.253379
0.070559	0.01857	0.070559	0.01857	0.292973	0.203829	0.01857	0.057751	0.180573	0.044819
0.530428	0.924265	0.621166	1.163476	3.424096	0.906959	1.205381	2.192963	1.732286	1.805338
3.011141	3.151443	1.71644	1.971717	3.475986	2.45085	3.648186	2.279239	3.748237	2.421697
8.495863	4.396235	7.97501	6.376336	6.086893	7.823763	7.359523	7.358877	7.547562	7.691508
0.076313	0.009424	0.048193	0.067027	0.038641	0.147642	0.130282	0.019258	0.057655	0.094629
1.525561	0.554918	0.693601	0.389507	1.057677	0.819899	0.280107	0.389507	1.086563	1.944495
3.825214	3.533808	3.163897	2.953845	3.952385	4.281533	5.536252	3.766987	4.728463	3.953325
6.06873	3.758547	6.8021	6.861264	5.64343	5.534842	5.101335	5.845482	5.262902	6.35009
5.392737	4.430249	6.188464	6.14422	5.123766	5.181253	5.119065	5.147591	4.745477	5.048709
4.052687	3.303981	4.038079	4.212768	4.224713	3.966778	3.968141	4.165365	4.130048	4.504684
3.829989	3.304408	3.182028	2.434027	4.625354	3.596279	4.835172	4.210679	4.418385	3.823224
0.461113	1.531182	0.523593	0.394885	2.04082	0.401072	0.663455	1.401925	0.682747	1.289153
5.714627	4.511694	5.034492	2.692276	5.962994	5.361992	4.738555	5.862791	6.496292	7.898121
0.116817	0.026154	0.107113	0.004922	0.036615	0.057235	0.004922	0.036615	0.015591	0.046974
5.789322	5.949525	5.518296	3.783957	6.463541	5.54593	5.93658	5.949525	6.820206	6.908295
4.312674	3.116827	4.299044	2.727428	4.39497	3.94112	4.608975	4.24093	4.254463	4.45442
3.814524	4.534358	3.282869	3.135022	5.197649	3.96149	4.956826	4.497647	5.052697	4.825445
3.388463	1.091158	2.13235	1.587011	3.682961	2.901822	3.13598	2.177579	3.251267	2.474017
4.872815	3.913224	5.639888	5.494208	6.100092	4.688353	4.271422	6.283083	5.525381	5.744315

1.541605	4.28176	1.53724	2.016723	3.382409	1.53286	0.793795	2.019727	1.374264	1.642137
0.791494	0.060145	1.303685	0.508405	1.5897	0.578111	0.03684	0.001022	0.10545	0.516351
2.760247	3.347093	1.830968	3.052133	3.626039	2.221263	2.985587	3.433832	3.432686	3.06
0.524522	0.232732	0.468347	0.468347	0.382102	0.439868	0.232732	0.293357	0.232732	0.323226
0.53703	0.143157	0.575784	0.130121	0.181561	1.282943	0.314073	0.143157	0.130121	0.403201
6.407514	3.413141	6.673863	6.691078	7.115153	6.322735	6.138191	6.327395	6.522378	6.971291
3.811403	3.710408	2.741564	2.441623	3.364942	3.543299	4.926259	3.755143	4.82355	4.180295
3.340456	1.709631	2.956091	1.880894	3.086387	2.958297	2.700917	2.877221	2.756206	2.531375
2.105626	0.987671	1.395651	0.8535	1.441609	1.697335	1.152311	2.071098	1.756414	1.769679
6.829884	5.372771	6.659353	6.819798	7.03836	6.604212	6.79161	8.464931	7.123957	8.005532
0.000439	0.535039	0.054432	0.124027	0.679149	0.141019	0.000439	0.157854	0.036611	0.089561
0.891074	1.353928	1.041866	1.347151	1.858504	1.244163	1.829695	3.442661	2.357888	3.102112
1.921471	1.802566	2.183606	3.104906	2.946388	1.823647	3.183928	3.017647	2.882993	2.902711
6.293287	3.998885	6.701043	6.528846	5.809974	6.204947	5.955749	7.101381	6.093525	7.146
0.767217	2.841266	0.475876	0.101697	0.485427	0.485427	0.407015	0.774886	0.151621	0.396878
0.428225	0.016609	0.1728	0.270736	0.351905	0.491459	0.281169	0.066732	0.054384	0.138413
3.96818	3.12265	3.061119	3.227448	4.87432	3.454933	5.325206	4.689752	4.645493	4.388558
6.871625	3.359224	6.335479	4.760902	6.549181	6.215249	5.657546	5.066971	5.370281	5.936545
0.059014	0.082628	0.022728	0.139766	0.660888	0.094268	0.034942	0.022728	0.082628	0.070877
9.639317	6.839102	9.922443	10.65381	9.228474	9.180404	10.26111	10.12559	9.765849	9.745455
4.075769	3.859916	3.58845	4.349502	4.594997	3.853435	4.8922	4.519909	4.637452	4.446398
1.893162	0.123973	1.893162	0.433728	3.304175	1.106037	1.290574	1.911696	1.207499	2.966459
6.964575	4.813569	7.781822	8.577725	6.992139	6.796807	6.374448	8.668429	7.046195	8.627641
3.536922	2.475562	2.932738	2.225449	4.102087	3.224799	3.942728	2.950138	2.61259	3.160748
3.907344	2.485143	3.243287	2.564542	3.555669	3.640664	4.239084	3.275417	3.718137	3.304639
1.060099	1.814851	0.813076	1.387813	1.348937	1.0739	0.988478	1.788236	1.5435	1.576378
0.342617	-0.0264	0.204728	0.085491	0.261271	0.190285	0.116116	0.069963	0.006351	0.054288
1.239832	0.09363	1.795117	0.378641	2.123819	1.011975	0.481115	2.340241	0.26857	0.436441
5.228182	2.593986	4.39433	3.93858	4.976292	5.122928	5.79738	5.209188	6.220972	5.361822
3.445275	2.98117	1.644477	1.142916	5.371566	4.643656	3.006291	2.630988	3.000251	3.460159
1.096957	1.216423	1.929088	3.418846	2.70683	1.807792	1.950835	3.524306	2.237411	2.701383
5.785774	5.353722	5.936886	5.830731	4.855851	5.470431	5.444471	5.132816	6.301742	6.537203
0.425421	0.609792	0.580676	0.972427	3.859291	0.094428	0.18791	2.863014	1.059058	4.062031
4.840447	4.39088	4.822101	4.159837	5.31882	4.939285	5.252979	4.648113	6.384871	4.91881
0.92858	0.232178	2.018844	3.526185	1.686495	1.225563	0.696182	1.970228	0.659372	1.492783
3.506673	2.476428	3.757716	3.616075	3.776113	3.276803	3.217629	3.537591	2.94313	3.65806
1.977801	0.887569	0.587699	0.429786	1.397666	0.542457	2.303609	1.089088	1.355336	0.987229
0.390433	1.219158	0.277379	0.277379	2.21146	0.287219	1.688854	0.765441	0.267457	0.565712
4.584238	2.751793	4.654982	4.573935	3.769988	4.111844	5.402315	4.006264	4.719827	4.22719
5.710006	4.010619	4.808804	4.582327	5.368138	5.485924	6.042613	6.507831	6.845595	6.610885
0.700036	0.383562	0.394071	0.649546	0.960617	0.51391	0.877084	1.928201	1.520226	1.554672
4.910689	5.755365	5.314819	2.975323	6.119055	4.76588	4.417552	5.112871	5.99101	7.659413
6.506519	4.261529	5.631177	6.291488	5.806152	6.223945	7.572831	6.28993	7.517226	6.366577
0.812562	0.129215	1.083403	0.290123	0.396466	0.743716	0.117733	0.009481	0.021971	0.185128
2.657366	3.36808	3.130095	2.97994	2.429797	2.110468	2.702843	3.288721	2.663979	3.106815
1.001836	3.261956	0.802297	0.735148	2.084994	1.203462	2.81149	3.807899	3.30875	3.891335
2.573281	2.71156	2.561951	1.825717	3.223176	2.766252	2.694216	3.378219	3.33216	3.324451

3.963316	2.465748	2.829461	2.717543	3.844262	3.627929	4.573471	3.165726	4.611872	3.681721
1.975851	0.805855	2.109074	0.586523	1.920526	1.51482	1.430689	2.059191	3.089214	2.767609
2.160105	1.165841	1.892142	1.500117	2.297284	2.654087	2.826272	2.335048	2.922559	2.73341
3.488621	1.734304	2.770862	2.858729	2.923765	3.129704	4.34446	3.301065	4.233593	3.30765
9.369481	7.919286	10.56734	9.911167	9.442658	9.201509	9.338428	10.91231	10.03144	10.68129
4.976197	2.405236	4.279018	3.614219	4.79176	4.608549	4.776288	3.763312	5.151576	4.334592
1.713807	3.545042	1.194153	1.587055	3.790186	1.920766	4.415826	4.426735	4.535551	4.818658
7.140316	4.722233	6.804251	8.785706	7.448388	7.121324	7.098767	7.623473	8.057742	8.271616
2.584031	1.419896	3.304344	3.7209	3.505614	3.218512	3.202847	2.499298	3.034925	2.904604
3.552169	1.893772	2.701327	2.009581	3.546731	3.043605	4.292272	2.393102	3.094396	2.422547
2.149174	0.032983	2.050221	1.240281	2.044206	2.398962	0.584478	0.321478	0.248529	1.778149
3.118136	1.421568	2.856607	1.967612	3.19228	2.888237	3.216786	2.320374	3.154428	2.446996
4.218282	2.53115	3.871548	3.442911	4.034575	3.857562	3.652131	3.765245	4.363091	4.043294
3.127189	1.897828	2.688487	2.220534	3.211138	2.924025	3.558558	2.929678	3.239656	3.089496
1.926769	1.3921	1.564243	1.23227	2.233871	1.689893	0.971459	1.628764	2.179978	2.040985
2.448254	2.599221	1.700399	1.993141	3.562712	2.089223	4.009707	3.775361	3.583055	3.540783
1.617686	1.342158	1.492588	1.243647	1.624612	1.593088	2.20787	1.377443	1.772772	1.272722
3.552145	2.163936	2.658908	2.621284	3.112979	3.352539	1.946805	3.075612	3.435824	2.831142
3.602628	-0.17922	5.54296	5.569271	5.860538	3.905004	2.985511	7.830722	4.369671	5.166679
3.565912	2.745238	4.285165	4.694276	3.938964	3.177732	4.066854	4.517865	3.884901	4.58461
1.154065	1.044825	0.731748	0.40479	1.561181	0.876197	1.744101	1.124623	1.216599	1.08226
4.604615	3.178373	4.673305	4.376623	4.717859	4.267416	4.797924	4.58896	4.340644	4.673305
2.232429	1.78621	2.206342	1.533067	4.112135	2.765579	3.025354	4.32489	4.227771	4.494898
4.242278	2.973914	3.448951	3.765024	5.082078	4.19265	5.160124	4.768817	5.26051	4.94888
4.436278	5.502163	4.475567	4.751686	4.651878	4.053259	4.760479	4.349574	4.581027	4.733112
4.84575	3.441387	4.005713	3.343762	3.924463	4.621655	5.112372	3.570607	4.743749	4.032112
4.501978	4.96346	4.356713	3.898261	4.226951	4.489147	4.578704	4.432223	5.677569	5.13128
4.927988	4.969735	5.708333	6.199995	5.677833	5.087769	4.906138	5.615878	4.981998	5.495839
6.359556	5.078943	7.151594	7.479104	6.543136	6.311185	5.782741	8.584881	7.333572	8.813486
3.716413	2.918016	2.045192	2.125996	2.827585	3.765787	6.847761	2.534167	3.261213	2.562887
3.933239	1.642133	3.353302	3.081943	4.039251	3.625507	4.374615	3.729891	3.983884	3.36395
6.238069	5.893882	4.469591	5.097572	5.583078	6.014884	6.630775	4.73541	7.182848	6.940804
2.411004	1.133446	1.786668	1.380022	2.787455	2.042072	3.15838	1.782303	2.571404	1.77792
3.096875	2.362838	2.814625	2.103624	3.775867	2.871178	3.111427	3.205801	2.803352	3.112873
2.733786	2.19744	2.126314	2.28277	3.300754	2.712976	2.589203	4.347126	3.402246	4.03302
2.575477	3.089323	3.52054	5.13688	3.601761	2.305465	2.095409	4.78375	2.878629	4.339679
1.215712	0.421028	1.116357	0.443855	2.245726	0.704997	0.08308	0.813235	0.008081	0.28216
5.159332	3.67885	5.107721	4.138851	5.425725	4.701867	5.63959	4.831673	5.200073	4.868589
4.78049	1.569451	3.799572	2.810011	4.269539	4.468046	5.360609	4.614378	5.439821	4.977238
5.27742	3.897452	4.734929	3.972724	5.468836	4.931537	6.15114	5.692109	6.118223	5.610986
0.398711	0.107247	1.177962	1.262677	0.132978	0.693343	0.252468	0.602771	0.132978	0.149767
2.546969	0.241534	2.849236	2.663876	2.195316	1.458232	3.744009	3.256405	2.473933	2.297906
3.964821	2.020186	4.482596	4.97132	3.829992	3.969216	3.705724	4.253509	3.51266	3.857289
1.991924	5.741695	1.301764	2.340665	4.836973	3.314462	5.283094	5.797405	5.857215	5.588676
2.647546	1.040313	2.255912	2.691029	3.200876	2.053733	1.501129	2.781469	1.655579	1.960872
2.930795	2.631973	1.996891	2.720779	3.552753	3.084781	3.551211	3.166264	3.433396	3.159436
6.428296	4.057652	5.66202	5.211446	6.664315	6.423395	7.244381	5.943042	7.308452	6.320767

2.388737	2.450024	1.963409	1.867845	2.910676	1.996681	3.277341	2.682047	2.682047	2.765868
0.771393	0.701657	0.759974	0.445112	0.748476	0.53954	0.513111	0.359603	0.591152	0.725234
5.153184	4.374376	5.085576	4.14054	5.201312	4.828576	4.864714	4.678533	4.701585	4.648038
3.508914	2.105902	2.344195	2.125239	3.806356	3.12211	4.778801	3.280376	4.75108	3.580356
6.038967	0.747405	6.006319	3.597561	1.931657	5.507209	1.023998	0.730272	0.892667	3.279151
2.715178	1.699445	0.969361	1.075431	2.657612	2.277877	2.758714	2.645125	2.297023	2.582275
0.490842	0.112308	0.203988	0.014424	0.22915	0.382826	0.112308	0.203988	0.085011	0.36022
5.112547	3.868952	5.113595	4.760237	5.206866	4.706989	5.971969	6.089993	5.51793	5.762799
3.723847	5.371284	4.741452	6.546632	4.899037	4.177954	4.184635	8.212287	4.887714	7.183521
6.10566	6.78951	5.80037	5.103388	7.053896	5.551278	6.606286	6.454657	6.223387	6.68256
5.163421	4.391881	4.658414	4.069496	5.027426	4.83645	5.509018	4.718258	5.6126	5.417783
3.949785	3.470408	5.182754	5.417741	3.951932	3.625725	3.133844	4.892274	3.063608	4.155089
2.516472	3.640849	1.804476	1.621807	3.00596	2.371732	3.71494	2.935327	3.565494	2.709332
3.567078	3.627651	3.607412	3.749687	3.112385	3.331172	3.610628	3.024934	3.445348	2.992719
0.099932	0.049712	0.206203	0.228668	0.365799	0.160057	0.385651	1.682725	2.5968	1.170689
2.915885	-0.02572	4.26799	3.755939	1.959948	2.407374	0.036007	-0.02572	-0.02572	1.693908
0.975492	0.135146	0.162437	0.548734	0.548734	0.618403	2.969557	1.026949	0.464546	0.858299
2.222614	3.844434	3.11587	2.97244	2.149452	2.600432	0.249207	4.335382	1.614698	2.802415
5.781094	4.861159	6.251646	6.347168	6.588387	5.757124	6.333954	6.879532	6.502715	6.820838
3.486684	2.861326	3.859668	3.857141	3.538568	3.294668	3.571618	3.883367	3.133393	3.794199
4.676854	2.699048	4.24352	3.512246	5.878527	4.666142	4.771764	4.517198	4.712265	4.919856
3.446908	3.087275	3.01728	2.785259	3.671036	4.426314	4.029988	3.206905	3.835154	3.247786
3.633634	1.669212	2.736542	2.515498	3.074132	3.113048	4.712421	3.252961	3.326188	3.286392
3.320507	2.175868	3.394784	1.818209	3.476537	2.866865	3.477685	2.400998	3.964596	3.227828
4.692303	3.227302	4.628128	5.819972	3.862148	4.009549	5.467175	3.160765	5.136313	3.555301
4.044226	3.853233	3.224761	2.568597	5.219376	3.933887	5.450392	2.632373	4.182827	3.111004
2.146482	2.237321	2.043957	1.7438	2.94291	2.090012	2.554228	2.077051	2.115474	1.945517

CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_10	CGGA_11
0.768814	1.239107	1.076895	1.563422	0.40953	0.736144	0.140496	1.615484	0.641905	0.37739
0.774459	0.877938	1.534592	3.706086	0.738245	1.475391	1.419374	0.738245	2.084457	0.398583
3.005048	5.737858	5.655112	5.693819	5.242392	6.012112	5.257945	5.554147	6.120443	3.313129
-0.25625	2.109739	3.81927	4.689051	3.248373	3.496547	5.627381	4.317807	5.35123	0.237692
0.771839	1.016806	1.259698	0.824733	1.666709	1.549801	0.639178	0.986733	0.608867	1.144014
4.642929	7.546921	7.296307	7.176759	7.552245	7.055136	7.368423	7.09721	7.325715	5.535799
4.318193	6.197528	6.083034	7.223294	6.611033	6.552001	5.863866	5.301729	6.562172	4.848406
0.594405	0.579804	1.381315	0.338238	1.221902	1.080227	1.195064	1.164722	0.891103	1.511579
0.51412	0.186599	0.009871	0.197547	0.009871	0.009871	0.107188	0.250909	0.197547	0.281878
3.023185	5.891959	5.546984	5.521465	5.287926	5.586672	5.53035	5.945564	5.160219	3.395335
3.214185	5.121869	4.64248	5.117444	4.68909	4.873514	5.292924	4.830748	5.114003	3.728405
1.466249	3.309179	3.370569	3.942578	3.625485	3.972798	2.70026	3.438886	2.562994	2.335572
0.896032	2.233836	2.405776	3.164674	2.909169	2.573433	1.795763	1.421159	2.483836	0.740498
0.783655	2.720894	3.936471	4.452742	3.793558	4.036515	3.631816	3.028878	3.688869	1.014715
4.698871	4.974083	6.008792	6.910333	7.524359	6.34722	4.374893	5.55501	4.99547	3.900066
1.548292	3.739251	3.451926	4.190224	4.788557	4.293317	2.596012	3.204859	4.243553	1.755441
0.678481	0.850502	2.231489	2.934294	2.191752	2.110132	0.831151	0.936776	2.348469	1.474252
6.711392	8.007269	8.507754	8.696789	9.27526	8.636404	9.211296	8.034421	8.701724	6.887563
4.450004	5.673553	5.59937	5.023272	5.926447	5.741282	4.797989	5.998658	3.782523	4.228678
2.820733	4.088628	4.431546	4.652927	4.907468	4.924396	3.091894	4.332344	4.059364	2.800839
1.945944	3.411995	3.362263	3.688928	3.191945	3.41758	2.921415	3.161361	3.686793	1.941992
3.737614	3.119311	3.47232	3.757366	3.853151	3.66181	2.811575	3.388109	3.22975	3.673928
2.011779	3.238943	3.231063	3.121474	3.495603	3.39568	2.905458	3.226534	3.068601	1.757066
0.122767	0.438484	0.369386	0.919598	2.589109	2.243712	0.540772	0.303275	0.149188	-0.02992
1.279336	3.600288	3.764139	3.835839	3.916624	3.629952	3.231751	3.656703	3.750119	1.341053
1.969393	3.826053	3.187356	4.205433	4.262699	5.132836	2.257211	2.931271	3.396531	1.983075
0.956131	1.400874	2.045079	0.720461	0.78524	0.720461	0.720461	1.497981	1.176691	1.982022
3.97324	5.177615	4.666317	4.814147	5.32044	5.214631	4.704858	5.352697	5.658753	4.182932
3.861561	2.193554	3.473303	2.43315	3.300232	2.391899	2.180917	3.330911	2.355276	3.46192
5.621894	4.660165	4.155016	4.398647	4.302094	4.297712	4.60625	4.507897	4.318664	4.71398
1.73741	1.090304	3.376314	3.819013	3.111601	2.797251	2.456639	1.379967	2.926179	1.728826
2.776201	5.564293	5.163567	6.422276	5.433882	4.799719	3.497836	5.017111	4.551781	3.153562
4.080758	5.208819	5.257743	5.052882	5.354391	5.07463	5.122327	4.871194	5.251875	3.91545
1.939131	2.970423	2.60791	3.616947	3.641579	2.236803	3.13745	1.963239	3.546547	2.433594
0.879786	1.710626	3.680403	5.153938	4.187501	4.483802	3.600337	2.101269	2.326423	1.21034
3.428423	2.283757	3.106131	3.495604	3.487753	3.59212	2.254948	2.283757	2.048533	2.543152
3.684284	5.704552	5.273173	5.226455	5.145323	4.697211	6.085511	5.518998	5.325148	4.063021
2.447479	4.169666	4.464747	4.560395	4.447356	4.365663	3.870025	3.442854	4.176245	3.351603
3.206153	4.380301	4.514348	5.243011	4.637469	4.907906	5.28283	4.891168	5.347316	3.162285
0.018737	0.078608	0.048966	0.347108	0.136219	0.205304	0.309722	0.033927	0.078608	0.018737
-0.03602	0.131035	0.141384	3.9017	3.759695	1.049614	0.533218	0.28674	0.240225	-0.03602
1.65728	2.789911	2.801204	3.098984	2.620155	2.406755	2.429607	2.222951	2.343709	2.90373
1.039174	0.9771	3.503699	3.529788	2.575533	3.540326	3.019272	1.1935	4.005426	0.479679
1.145986	1.229327	0.919677	2.174229	2.421279	1.015753	0.254535	1.06577	2.194056	1.375733
0.085844	0.65169	1.237878	2.113621	2.611198	1.452387	1.00425	0.266281	2.149645	0.680067

6.794576	9.039101	10.97243	11.96744	10.61717	11.53799	11.13003	9.402987	10.633	6.835159
3.251114	6.72588	6.364177	5.420093	4.623164	4.156748	5.456691	6.342834	4.610095	4.066725
1.257332	4.267877	4.46729	4.42319	3.563238	3.775862	4.460126	3.982309	3.58821	1.359709
0.585548	1.356225	1.86014	1.134202	1.924421	1.342459	0.618578	2.432713	1.300139	0.940106
0.541881	0.422457	1.051309	1.190895	0.609168	0.932841	0.434843	0.564652	1.183475	0.237208
-0.0458	1.308669	0.646275	0.224837	0.048678	0.275059	1.617669	1.205135	0.74118	0.144908
2.053078	2.486558	2.361493	2.927462	3.495206	2.871668	1.455738	2.325053	2.44454	1.494636
2.288659	4.716093	4.814441	4.65187	4.853232	4.664884	4.351059	4.647494	4.75694	2.981249
2.517248	4.899571	4.719538	4.904108	4.721493	4.670976	3.898172	4.657576	4.429653	2.598108
0.029448	0.029448	0.658755	1.186894	0.716941	0.818096	0.186298	0.131137	0.186298	0.172696
-0.09083	0.615758	-0.03693	2.684544	3.13258	3.668219	1.288155	0.293309	1.899759	-0.0582
3.495716	4.286119	7.449453	7.99696	7.556499	7.406446	7.520454	6.56956	8.037124	3.382117
6.397765	9.306538	9.24595	8.996515	9.229961	9.069385	9.016161	8.986387	8.841964	6.361629
1.39088	4.650907	3.864376	3.716505	4.954408	4.02066	4.794656	4.545484	4.80651	2.908868
0.976146	1.231723	2.374472	5.394569	3.882853	3.698408	0.690831	1.243799	1.832694	0.632743
2.787856	5.412547	5.777195	5.197085	5.33028	4.832601	6.808886	5.785025	5.705495	3.308388
-0.36657	0.604366	3.608277	3.410904	3.690982	4.069693	2.513713	0.178776	1.892281	-0.38961
2.655335	3.339909	3.946144	3.817097	3.83061	4.048345	2.459677	4.505783	3.726637	3.470912
-0.09175	1.532158	1.343375	0.5743	0.114037	0.61648	1.288548	0.584998	1.105508	0.449219
4.984925	7.44693	6.967402	7.729145	8.990201	7.745503	11.31226	8.015073	9.716233	4.065593
2.387082	3.184334	3.779244	3.704931	4.236456	3.961351	2.346301	3.230466	3.295958	2.959547
2.489827	4.112238	4.329053	4.425651	5.131992	4.680788	3.441487	3.888614	4.331267	3.058952
0.87219	1.654387	1.035939	0.903509	0.777233	0.816244	0.569318	0.801783	0.513455	1.457135
3.06776	5.771897	5.736345	5.749359	5.115025	6.004508	4.770315	5.856084	5.48236	3.179803
2.35668	3.653837	3.838953	3.504285	3.698396	3.807324	3.252858	3.54	3.2225	2.75996
0.8133	1.145481	3.375154	4.74949	3.426331	3.405389	2.560111	1.510144	2.518727	0.854986
1.57324	2.910426	2.320547	2.928769	3.002399	3.191016	3.183255	3.310279	3.392535	1.981017
1.550007	4.01173	4.641449	3.973099	3.843395	4.101585	4.42909	4.372983	4.274913	2.380394
1.831054	5.246091	4.578785	4.192327	4.941739	4.897504	6.140582	4.199467	6.210342	3.254527
0.628491	1.228113	5.514706	3.354332	2.426203	3.542633	2.486619	3.334443	1.416662	1.445588
1.464659	2.329332	2.857737	3.176237	2.803987	3.134274	4.101406	2.894238	3.834929	1.402879
1.936736	2.771387	4.246872	4.931113	5.104089	4.300826	2.461538	2.590912	3.032724	1.936736
2.11215	2.700366	3.062176	3.024196	3.653863	3.195093	2.008475	3.022906	2.583344	2.600884
3.202284	3.524601	3.859564	3.889978	3.576871	3.741939	2.583038	3.140599	3.308338	2.565454
0.850333	2.814591	2.401988	3.247157	2.7296	2.473773	1.220819	2.024513	2.616296	1.425057
2.763188	4.292192	3.373192	3.764979	3.89426	3.500464	4.068335	3.980322	4.410743	3.652645
4.945192	7.687851	7.499066	7.68498	7.471908	7.414145	8.389102	7.40125	7.89189	5.135606
0.498065	0.707545	1.239945	1.301007	1.211159	0.938514	1.015938	1.022742	0.644665	0.607242
4.112226	5.808794	5.179413	5.111673	5.560741	5.437547	6.093247	5.421776	5.471864	4.768508
0.377813	0.328791	0.514739	0.479603	0.298472	0.203056	0.927564	0.434314	2.523942	0.715242
2.940221	3.559522	3.948638	4.104067	4.303874	3.981184	2.95712	3.987225	3.490776	2.193847
1.456903	3.742933	4.646918	2.892886	1.077668	0.964425	3.988351	4.279791	0.783331	0.842369
2.282936	2.561931	2.635662	3.277012	2.47936	2.918433	1.691121	1.800255	2.481303	2.538136
1.879683	3.261747	3.26051	3.827732	3.313014	3.400412	3.37966	2.983866	3.037482	2.71657
1.848293	3.437541	5.112836	6.562666	6.423049	5.497236	4.369592	5.176356	5.367635	2.439935
0.051625	0.051625	0.582173	4.683995	2.206028	0.749567	0.279556	0.051625	0.279556	0.380777
0.523581	1.937754	3.720222	4.454895	3.122289	3.397181	4.005747	1.656085	3.594561	0.23982

0.446598	0.14939	0.709486	2.308367	0.362983	0.777418	1.212766	0.614269	1.827805	0.362983
1.621836	2.61512	4.230761	7.103972	5.720158	6.510246	3.374712	2.408605	3.955218	1.2842
1.515979	2.521837	1.384652	1.595445	0.711063	1.966627	3.062124	2.952309	2.294035	1.865337
3.225106	4.188292	3.527431	3.401654	3.357512	3.782805	3.460512	3.611083	4.167058	2.80689
2.468302	2.72105	3.093532	4.471651	3.218836	3.302828	2.217964	2.903521	3.514657	1.708099
5.693915	6.132254	6.244896	7.094443	6.487396	7.437517	5.911605	5.715611	5.929847	5.730239
1.374673	1.895659	3.659796	5.601427	2.98237	3.892975	1.601471	1.370927	3.457758	0.906089
6.705987	6.363497	7.831593	6.699745	7.399448	5.656841	5.97002	6.671841	7.363504	6.559238
0.438231	1.917288	4.606404	5.999897	4.420771	3.570866	1.913981	0.923188	2.605058	0.825927
1.959503	2.037047	2.088696	2.345689	2.923956	3.022285	2.856418	1.90106	2.72066	1.483516
2.24133	3.002966	4.370874	4.470912	5.231967	5.310095	2.770732	3.154719	3.055192	2.347072
0.072671	0.103917	0.179427	2.035776	0.412087	0.546195	0.373444	0.072671	0.424761	0.072671
6.448609	8.247529	7.797313	8.208024	8.177901	8.055156	8.908177	8.263367	8.699721	5.882769
3.078357	4.776893	4.791085	4.681931	4.863769	4.764099	4.314038	4.733527	4.750004	3.467932
1.67862	2.917916	3.555026	4.946864	5.493689	3.026259	2.10849	2.772269	3.773044	2.004421
0.133366	0.491827	1.16108	2.959759	1.090871	1.585292	0.570829	0.627212	0.681354	0.093095
2.799861	4.442301	4.988505	5.360357	5.570669	4.737151	3.659586	4.885026	4.143365	2.477694
0.472288	0.856338	2.599322	3.849396	5.309269	4.08421	0.811296	0.191688	5.137951	1.015669
2.531106	2.840155	3.082524	2.91878	3.135628	3.204367	1.976847	2.24706	2.789949	2.641382
3.583771	3.306553	3.462335	3.670591	3.716603	3.457295	2.3354	3.184292	3.361082	3.3193
0.023927	0.023927	0.170499	0.149073	0.08242	0.222463	0.170499	0.08242	0.419201	0.116205
0.195697	0.029523	0.186003	0.693821	0.146367	0.029523	0.040664	0.029523	0.040664	0.029523
1.940965	4.246776	4.18968	4.10469	3.991334	3.014239	2.385652	2.831504	4.384835	1.102062
1.041669	3.80649	3.078297	3.760302	1.797978	2.007815	3.6468	3.448149	3.14889	0.44517
3.524154	1.979285	2.699819	4.486399	2.748544	4.379557	1.746604	1.628008	3.450137	1.945098
1.584706	3.265949	3.020495	2.975772	2.711203	3.057415	1.995277	3.586758	2.566786	1.787584
1.858453	4.091235	4.356885	4.664353	4.127312	5.45085	3.34932	4.044773	3.927777	1.833808
4.232582	7.340233	7.036974	6.963907	6.38675	6.767774	7.362433	7.08893	7.453315	4.501338
0.01857	0.01857	0.01857	0.282152	0.192252	0.01857	0.070559	0.01857	0.260242	0.01857
-0.05927	0.148397	1.830629	2.760053	2.117811	0.546014	0.84138	0.835244	2.13757	0.013839
3.098272	3.366965	3.886956	3.244306	3.501675	3.475986	1.916928	3.220348	2.849795	3.789623
4.080966	6.841377	7.351396	6.170852	6.628797	6.31587	7.029731	6.918446	6.893091	3.895127
0.276619	0.019258	0.112614	0.983517	0.009424	0.076313	0.038641	0.028997	0.019258	0.038641
0.202175	0.175214	1.515037	2.085412	2.578202	0.870758	0.377761	0.215465	0.767145	0.353972
3.245016	4.217858	4.990968	4.681292	5.17329	4.529627	3.332348	4.366649	3.885293	3.540915
3.84267	5.479432	5.841912	5.791555	5.098065	5.649903	6.01063	4.974373	5.528099	3.957139
4.338916	5.579231	5.067747	4.773923	5.067298	4.995502	5.270764	5.183473	5.485785	4.463524
4.063987	4.643562	4.970783	4.687061	4.846647	4.730964	3.81497	3.675932	4.860406	4.087468
3.347118	4.610895	4.4819	5.396695	4.828509	5.335262	3.412464	4.048507	3.963348	3.571642
0.826038	1.576801	1.578926	2.559051	2.389233	2.556424	0.72035	0.317798	0.899154	0.838564
2.201855	3.290708	7.042339	8.076329	5.846035	6.329003	3.793398	3.917755	4.942774	1.419876
0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.015591	0.004922	0.004922	0.004922
5.480446	4.631646	7.538821	8.331373	7.554883	6.947817	5.288865	4.608699	6.770177	3.857046
3.067802	4.511376	4.418191	4.563568	4.693047	4.701929	3.814661	4.397667	4.434663	3.516525
4.116842	4.800827	5.722133	6.040603	6.000835	6.069152	3.662199	4.33469	5.180413	4.191566
1.283763	3.46048	3.338804	2.913269	3.051213	3.415347	1.623255	2.916514	3.200179	1.549399
2.345287	4.491303	4.394998	5.426905	4.97476	4.442136	5.349083	4.875048	5.313959	2.292236

0.544498	2.825653	1.492752	2.407638	2.628966	2.429613	1.339024	2.164271	2.6944	1.685703
0.170382	0.03684	0.382502	0.083009	0.048549	0.001022	0.191275	0.116516	0.083009	0.03684
3.454283	4.7032	4.692087	4.530029	5.381242	5.174142	2.327342	4.311541	4.246125	4.184259
0.579686	0.323226	0.232732	0.263195	0.468347	0.263195	0.263195	0.232732	0.411121	0.232732
0.076739	0.021264	0.218949	0.55654	0.021264	0.168875	0.049274	0.314073	0.049274	0.021264
3.7967	6.456217	7.105306	7.217676	6.69023	5.477186	6.629398	5.53691	6.812492	4.06679
5.019153	3.94663	4.220134	4.161062	3.376931	4.183271	3.273445	4.130357	4.124116	3.594826
1.960395	3.317373	2.662984	2.744297	3.588679	2.470438	2.138931	2.542545	3.158884	1.584155
2.053489	0.417946	2.361822	2.226032	1.76085	1.706599	1.087429	0.955389	1.496886	0.568774
3.250043	6.196501	7.201267	8.416542	7.737984	8.456208	6.86674	6.85875	7.425438	3.356173
0.271548	0.036611	0.036611	0.036611	0.036611	0.64096	0.000439	0.000439	0.018615	0.207449
0.283847	0.607566	2.421629	4.260285	3.59225	3.777173	1.463477	1.14741	2.276782	-0.08206
1.761362	2.850688	2.944885	3.419402	3.415979	3.085224	3.504868	2.523746	2.727662	2.522641
3.074356	5.707375	5.915062	7.08566	6.667582	6.454761	6.772678	5.552479	7.270369	3.226367
0.126895	0.126895	0.246149	1.913079	1.846758	0.586176	0.504325	0.246149	0.312861	0.126895
0.016609	0.138413	0.281169	0.428225	0.593074	0.301782	0.361698	0.270736	0.18406	0.091075
3.312268	5.011364	4.854504	4.751133	5.879782	5.164758	4.316944	5.002664	4.905935	3.821982
4.026566	5.607165	5.92093	6.137504	5.012639	6.220307	5.106929	5.594618	5.343895	3.534403
0.034942	0.010393	0.616075	0.139766	0.022728	0.059014	0.059014	0.070877	0.059014	0.022728
6.719085	9.586113	9.651181	9.447734	9.51462	9.498207	11.22937	10.23748	9.564725	7.716278
3.221993	5.291663	4.709904	5.299472	4.898061	4.436524	4.948126	4.538443	4.869782	3.879826
0.773063	1.290574	2.211844	5.6173	2.929812	3.561083	2.202917	0.412206	0.72196	0.189156
2.221896	6.536455	7.900504	7.397726	7.44667	7.167274	8.231939	6.010622	8.323807	3.105304
2.643767	4.454569	3.577476	3.9416	3.739505	4.002468	2.967258	3.494753	3.797317	3.444543
2.711254	3.338892	3.563534	3.40523	3.683604	3.307618	3.081389	3.6822	3.550923	2.85112
0.717257	0.927763	1.89786	2.246029	1.999921	2.06707	0.874582	0.818807	1.57932	0.927763
0.219046	0.038463	0.006351	0.146184	-0.0264	0.233241	-0.00994	-0.0264	0.116116	0.022485
0.203701	1.042443	0.545702	0.941047	3.360286	0.306174	1.0723	0.647473	0.566622	0.26857
2.949643	5.429699	5.545072	5.603912	5.672571	5.33227	4.477843	5.268529	5.583135	2.774512
2.440543	3.27898	3.42915	6.892795	7.129954	5.386579	2.293263	3.821579	3.846364	2.203769
0.256765	2.591124	2.123165	2.952231	2.562552	1.123307	4.020285	1.742975	3.594995	0.201669
3.889092	5.790065	5.524033	6.218467	4.340098	5.168417	5.699827	5.585552	6.274462	3.504576
0.094428	0.369659	2.243559	2.034002	0.70275	0.888093	0.628876	0.174926	0.299722	0.468508
3.76278	5.852929	4.93087	5.932461	6.246263	5.462508	4.549152	5.640911	5.201919	4.609267
0.164964	2.241938	0.906919	0.914193	0.682539	1.214927	3.203337	1.615995	2.076437	0.157206
1.694284	3.584131	3.312183	3.340968	2.837216	3.099349	3.388702	3.232487	3.558199	2.200897
1.323589	2.175718	2.025922	1.093962	2.883228	1.608747	1.712122	1.890559	2.52176	0.981903
1.191881	0.919329	0.810563	2.140813	0.676838	0.823149	0.316263	1.029601	0.417101	0.390433
3.068513	6.258748	4.341199	4.83905	4.88696	3.850395	4.668018	4.997635	4.159182	3.640061
3.093895	5.507069	6.627315	6.426768	6.498246	6.493153	4.906218	5.422773	5.519434	3.680188
0.178064	0.394071	1.199812	1.691581	0.708262	1.10699	0.947065	0.31864	0.756543	0.226648
3.701524	4.410668	6.033081	8.415681	5.749274	6.491508	4.233327	3.761456	4.249074	3.124138
4.81822	6.534653	6.863934	5.75109	6.481789	6.466887	6.16872	6.918483	7.234866	4.974075
-0.01587	0.046592	0.058726	0.082656	-0.01587	0.884246	0.206827	0.34922	0.070747	0.021971
2.895978	2.524787	2.903961	3.462525	3.267955	3.309714	3.131534	1.967184	2.549445	2.451328
0.857287	1.251128	2.336077	5.067426	2.677916	3.231856	1.04154	1.297153	1.9089	0.820879
1.87872	1.571719	3.123752	4.155553	3.595465	3.278016	1.81665	2.077293	2.749689	1.884467

3.938082	4.864687	4.043572	4.595558	3.887235	3.641228	2.818141	3.609973	3.994713	3.224563
0.917504	0.558686	2.68299	5.369691	4.23021	1.115812	1.75042	0.973382	1.664423	0.116917
1.671192	2.883906	2.400404	3.194675	3.997697	2.234509	1.58185	1.973036	2.983042	1.244975
1.884398	3.371387	4.150076	4.221645	4.750343	4.132573	3.274319	3.568916	3.596929	2.099316
5.684829	8.573427	9.33719	10.03088	9.693389	8.93328	10.39299	8.739821	9.65855	5.907016
3.884773	4.514996	4.279018	4.973655	5.483546	4.64902	4.903268	4.489584	5.346401	3.329301
2.778672	2.255973	4.689931	5.673838	3.777242	5.371499	1.661839	1.745327	3.737673	1.64184
5.708729	6.443841	9.462049	7.114498	8.119257	6.985054	6.593874	7.716408	5.738846	7.138038
3.119839	5.782106	3.428023	2.794728	3.124641	3.154266	3.817886	4.549002	5.293323	2.884524
3.622065	3.488433	3.413095	3.299121	2.691517	3.403431	2.58129	3.323976	2.699697	3.008033
0.633588	1.628892	0.967826	1.570512	0.931638	1.122729	0.675498	1.972602	1.835952	0.633588
1.298154	3.101767	3.455657	3.24468	3.539356	3.457805	2.218722	2.929586	2.689238	1.457371
2.231438	4.210302	4.155463	3.84636	3.853294	3.988925	3.736404	3.846029	3.8357	2.941561
2.386765	3.354603	3.444286	3.696936	3.934944	3.755229	2.827355	2.968378	3.525786	2.572473
0.581444	1.946601	2.295827	2.506477	2.935604	3.228013	0.758121	1.856084	1.440842	1.21659
2.201204	2.925816	3.926617	3.733274	4.206617	4.639338	2.208811	3.009633	2.974436	2.033396
1.305681	2.026451	2.040637	1.607212	2.382167	1.645129	1.301034	1.918935	1.808299	2.073032
2.163936	3.035693	3.923079	3.013848	3.363915	3.288518	1.800832	2.655199	2.960312	3.354615
3.01176	1.440113	4.799789	4.980019	2.673366	2.764944	3.792126	4.38537	4.797747	3.06749
2.992955	4.640543	4.187825	4.289337	4.130495	3.919442	4.525671	3.599626	4.285165	3.462576
1.211036	1.14823	1.871328	1.777084	3.293693	2.276545	1.18286	1.663747	2.041631	0.578442
3.074677	5.056307	4.890676	4.608888	4.828295	4.745297	4.587327	4.454522	5.277738	3.512884
0.636756	2.258023	5.306457	5.722413	6.082593	3.915098	3.023297	2.8477	1.826648	0.729414
2.654307	4.987021	5.423458	5.430796	5.3224	5.626018	4.710992	4.693496	4.97679	3.173083
4.579242	4.84346	4.682055	4.627321	4.581918	5.059905	4.467719	4.419456	4.703473	5.665288
4.513898	4.938031	5.391273	5.323183	5.678891	5.106944	3.527049	4.274063	4.386775	4.585375
4.346599	4.20347	4.680957	5.624772	5.443504	5.271779	3.824765	4.556694	5.035853	4.001256
4.464498	5.565727	4.957947	5.143668	5.579637	4.68498	5.602114	5.465056	5.503241	4.898018
3.403207	5.23179	7.75897	4.506494	3.199389	4.877868	6.115729	5.58416	4.620489	4.015758
5.694382	6.751969	4.197442	3.821473	8.085546	1.99676	4.12629	5.20434	6.210563	5.099082
1.551059	3.44303	4.097853	3.887354	4.850507	3.830049	3.666114	3.491088	4.053171	1.601068
6.356738	4.932639	5.942091	6.369805	5.720034	5.976629	6.480028	7.282902	6.132172	4.849851
1.315037	2.478001	3.187955	2.997221	3.079413	3.477043	1.786668	2.40109	2.326407	1.453245
1.657402	3.219053	3.199119	3.593815	3.804001	3.756999	2.822079	2.498315	3.651413	1.849248
0.908264	2.515542	2.737905	4.776563	3.911533	4.36229	3.000098	2.86763	3.564122	1.239693
1.164218	1.963139	2.558758	3.837347	3.149345	2.375804	4.029009	2.193774	4.893638	1.953932
-0.0143	0.008081	0.210394	0.123803	0.113759	0.019104	0.15341	0.051545	0.072666	0.008081
4.093351	5.591031	5.230442	5.167323	5.375508	5.529789	5.025718	5.449931	5.104903	4.485435
3.901309	4.614378	4.817703	4.92152	4.658406	3.99153	4.002863	4.728369	4.666209	2.071331
4.138245	5.747843	5.751863	5.969231	5.423473	6.131222	4.436974	5.674454	4.77881	4.592313
-0.02254	0.252468	-0.02254	0.608026	0.644051	-0.02254	0.628772	-0.02254	0.57607	-0.02254
0.31625	2.448956	2.079742	2.251983	0.286925	0.959976	1.994757	1.880156	1.810218	-0.13666
2.298075	3.727754	3.309618	3.231017	4.23877	3.206508	4.337198	4.076931	4.038422	3.157265
2.892423	3.937032	7.597073	7.974709	7.861912	6.00772	3.827512	3.661227	5.140769	3.433006
2.234666	1.784577	1.742206	1.820461	1.464298	2.076375	2.160988	2.020016	1.822984	1.635119
4.414485	3.129298	3.475895	3.158293	3.597954	3.995143	2.440664	3.492402	3.188692	3.859593
4.743994	7.308205	7.251289	6.984314	7.414156	6.889743	5.851801	7.072898	7.07274	4.692616

2.060431	2.736987	3.09907	3.705748	3.664563	3.120127	1.996681	2.40519	2.25895	3.05942
0.793994	0.892009	0.68974	0.565549	0.499735	0.665644	0.526378	1.146101	0.859984	1.714152
2.91363	4.422661	5.055005	5.131358	5.489605	5.425184	4.381296	4.115507	4.611804	3.580647
2.457443	3.778333	4.735266	4.809586	4.964359	4.499934	2.514594	3.880961	3.840783	2.10101
0.433017	0.422267	3.92955	3.738029	2.924103	4.909753	2.60207	2.949947	1.618613	0.355933
0.540785	2.030528	2.958668	2.76156	3.467621	2.662261	1.336504	1.716857	3.241427	0.442784
0.22915	0.014424	0.112308	0.591351	0.203988	1.310834	0.043073	0.152313	0.152313	0.014424
4.260408	5.315484	5.767745	6.032974	5.9911	5.568932	5.61871	5.407224	4.58615	4.44149
1.814665	1.856062	5.360704	6.091783	5.75577	5.780422	5.653998	2.638856	6.152458	1.806742
3.951594	6.536626	7.087673	7.497622	7.487537	7.214534	5.757914	5.710094	6.60726	4.090923
4.121917	7.167263	5.642932	5.158261	6.367986	5.816397	4.544078	5.213347	5.818796	5.76432
2.985388	3.235092	3.872635	3.811647	4.101249	3.929072	4.891252	2.951108	4.161251	2.514143
3.45942	3.23562	3.591217	3.594388	3.857353	4.191306	2.21957	2.820706	3.132787	3.808551
3.442917	4.048847	3.75641	3.143348	4.31493	3.493065	3.540235	3.51052	3.442917	4.138438
0.4052	0.049712	0.062453	2.163165	0.551695	0.136344	0.507689	0.325147	0.160057	0.049712
-0.10218	-0.04705	1.625407	0.237654	0.113478	0.334377	1.379021	1.30155	0.186065	0.141237
0.890537	1.588141	3.152481	2.633992	4.787128	3.711785	1.055512	2.052535	2.636239	1.076553
-0.22759	0.782224	2.599322	5.438582	5.845005	3.596373	3.013471	1.418374	3.317946	0.385566
5.691782	7.106881	5.832007	6.629916	6.833033	6.110248	6.872513	6.323202	7.519964	5.649719
2.87204	3.427088	3.396313	3.322228	3.333331	3.729667	3.601526	3.028364	3.517886	2.636731
3.755302	4.175432	5.1101	5.029111	5.526696	5.511412	3.282929	4.834451	5.608281	3.585219
2.7067	3.650459	4.530462	4.079558	4.979897	4.261144	3.240376	4.062813	3.802231	3.250947
3.121763	4.165848	2.992145	3.184087	2.923394	2.69495	3.883723	2.658304	3.597489	3.215537
2.070758	3.710973	3.413003	4.285562	5.35166	3.211005	2.011218	2.708127	4.137122	2.368824
4.602675	3.52841	5.523103	3.725751	4.296684	4.173708	4.717229	4.321813	4.808678	3.535541
3.124581	5.268434	4.200507	3.26517	4.423366	4.780315	2.447137	4.445673	3.713385	4.554934
1.774408	2.898066	2.638906	2.478223	2.677012	2.963218	2.009819	2.16767	2.756402	2.234506

CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11
1.00465	0.511356	0.744388	0.559473	0.275998	0.83183	0.847126	0.228315	1.615484	0.587525
0.252071	1.776682	2.06999	1.281607	0.593696	1.995389	1.243389	1.170573	1.050254	1.361088
3.469896	5.883812	5.577401	5.404924	2.891145	5.760398	5.710332	4.9014	5.747621	5.222514
1.801955	2.738884	4.1975	1.93208	0.711519	2.98563	3.884903	3.944756	2.961239	2.911492
1.177212	1.992371	0.883797	1.265828	0.588252	0.780808	0.963703	0.513364	2.12078	0.816068
5.093684	6.84229	7.017567	6.862675	4.511472	7.132088	7.588058	7.250345	7.236655	7.076932
3.790798	6.553694	6.430887	5.677781	4.485582	5.507898	5.750519	5.832072	5.009418	5.231103
1.278626	0.717366	0.088157	0.287611	0.48763	0.409852	0.994894	0.443897	0.294075	0.199718
0.665882	0.497032	0.197547	0.118842	0.153175	0.059466	0.341629	0.009871	0.009871	0.197547
2.273013	5.370972	5.557914	5.607178	2.696209	5.792307	5.452911	5.217946	5.99529	4.73806
3.541708	4.721126	4.874063	4.458983	2.793243	5.356369	6.326285	5.047658	4.502103	5.231563
1.511979	3.739859	2.721928	3.238817	1.892714	2.548032	2.755738	2.371485	3.799001	2.695875
2.634242	3.135768	2.735472	2.078351	0.754883	2.012697	2.567471	2.247704	1.280233	1.643624
1.176509	4.898454	4.10376	2.545765	1.994458	2.577369	2.930799	3.43196	2.184103	3.179324
3.516416	6.267952	5.081684	5.677974	3.85118	5.4344	4.58992	3.97712	5.870754	4.872834
2.086661	4.155721	3.577025	3.625788	1.766468	3.426466	3.510894	2.506151	3.789702	2.616108
2.601515	2.892984	1.466741	0.869534	0.804841	0.536717	1.177391	0.625382	0.960296	0.777922
6.578224	8.004265	8.94394	8.014866	6.881823	8.735984	8.388745	9.283595	8.460293	7.982539
4.072141	6.439705	4.534758	5.130099	3.601437	4.517158	4.572194	3.809733	6.918731	5.287865
2.383995	4.541582	3.884257	4.306418	2.719667	3.604649	3.671683	2.735914	4.186158	3.439397
1.922004	3.707945	3.379755	3.604466	1.850944	3.425901	3.679643	2.763069	3.514043	2.69929
2.790261	4.181934	2.260796	3.567339	2.104475	2.988513	2.903528	2.571653	3.967794	2.520211
1.462844	3.524884	3.274212	2.946501	1.370506	3.063294	3.19191	2.579762	3.410969	2.506996
1.026904	0.55894	2.412023	0.200206	0.431765	0.888836	0.086528	1.231025	0.280328	0.318312
1.479999	4.145482	3.765349	3.786273	1.169768	3.639641	3.418486	3.541128	4.015243	3.135658
2.009974	4.93974	3.720582	4.098054	1.48998	2.418546	2.590857	2.316887	3.499558	2.694908
2.281874	1.310135	0.860285	1.885877	0.477892	0.620826	0.698133	1.400874	1.356292	1.378773
4.291735	6.039881	4.675683	5.726574	3.290444	4.844744	5.26821	4.096656	6.174648	4.693221
3.671384	2.997761	1.936114	2.425896	3.488487	1.901627	2.103868	1.887525	3.788588	1.665718
4.317881	4.337296	4.404813	4.354478	4.553308	4.30408	4.659879	4.60715	4.830707	3.939724
2.979593	5.148324	2.839852	1.982164	1.882889	2.922766	2.266872	2.521181	1.750179	2.144887
3.397528	5.152105	4.436255	5.317641	3.132236	4.952598	4.136309	3.335228	5.102933	4.829837
4.191258	4.622252	4.971118	5.304918	3.023969	4.588864	4.784861	4.805978	5.881454	5.793923
2.735331	3.379856	2.934834	2.846907	2.171388	2.79137	3.518791	2.914811	2.918476	2.017721
0.946024	4.352696	2.802001	2.400448	2.164208	2.424824	2.733737	3.519713	3.197142	0.679588
3.049172	3.209733	2.344138	2.545198	2.479968	2.186553	2.273367	2.016119	2.370753	1.890916
4.051602	5.121526	5.862897	5.464884	3.477017	5.626172	5.878874	6.194805	5.533476	5.186081
3.436658	4.638508	4.151021	3.854075	2.505377	3.675313	4.003053	4.121953	3.788988	3.830597
2.99294	4.991241	5.105622	4.035009	3.152446	4.936586	4.857181	5.501755	4.620615	4.431466
0.150289	0.3836	0.048966	0.063859	0.018737	0.018737	0.018737	0.048966	0.107686	0.018737
1.020341	0.408106	3.618348	0.666556	0.718534	0.749908	0.408106	0.959549	0.277581	0.249674
1.715134	2.240614	2.663218	2.144995	2.308888	2.071964	2.906318	2.605468	2.455754	1.574526
0.64447	3.433313	3.53967	2.063048	0.461855	2.490646	2.664409	3.995672	2.393952	2.166552
0.89716	1.386806	0.522519	1.322561	0.561554	0.984634	0.698597	0.369528	1.015753	1.010626
0.523083	1.52789	1.145935	0.324057	0.141755	0.379206	1.414711	0.314617	0.64449	0.629962

6.36801	12.3521	11.5894	10.41001	6.739361	10.47276	10.31136	11.20862	9.861728	10.89399
3.56556	4.343288	4.821579	6.171062	2.828236	5.298049	5.080511	4.740936	5.243543	7.009586
1.373504	3.598311	4.516885	3.766828	1.241799	4.462819	4.446246	4.820928	4.462221	2.673517
0.949901	1.663466	2.638984	1.332024	0.625071	0.84262	2.089115	0.551538	3.146063	0.656996
0.967668	1.183475	0.483373	0.641698	0.251237	0.794417	0.641698	0.278903	0.652385	0.358926
-0.0458	0.216238	0.391385	1.098541	-0.0458	1.034969	1.140203	0.663631	1.14761	0.4626
1.318453	2.911281	2.39672	2.282788	1.485044	2.044588	2.257525	0.97529	3.461418	1.841651
2.135422	4.72058	4.886086	4.475272	2.327024	4.755762	4.383765	4.441207	4.804778	4.09602
2.65163	4.650707	4.803695	4.352833	2.221698	4.626852	4.317405	3.670886	4.33233	4.258412
0.131137	0.853255	0.029448	0.278211	0.029448	0.364825	0.265419	0.213137	0.239506	0.029448
0.749654	2.000096	2.89157	0.49278	0.192902	0.675798	1.219054	0.451202	0.885101	0.513046
5.44355	8.209881	7.999929	8.021968	4.467738	7.992138	7.705499	8.285328	7.522417	7.342943
5.916563	8.572254	8.818102	8.866059	5.643287	9.08518	8.691491	9.103019	9.015478	8.906899
1.681355	3.979531	4.611711	4.950941	1.750006	4.650172	5.576039	4.546027	5.349006	4.000071
1.992304	3.611048	1.57345	1.661867	1.034582	0.914769	1.319503	0.642618	1.605131	0.898929
3.55974	4.492323	6.143947	5.305696	3.167475	5.675559	5.83759	7.130679	5.288322	6.28075
0.569187	2.610292	4.995804	2.878676	-0.38961	1.702544	3.658817	1.870814	1.447278	1.023746
3.879597	4.310845	3.09796	3.76272	2.775702	2.73372	2.845761	2.329499	4.277904	2.883509
-0.07225	1.627088	0.752558	-0.06263	-0.12167	0.686618	0.294325	1.075228	0.01147	0.568913
7.185224	6.722285	7.539285	7.693758	4.728125	9.109911	7.601014	11.90279	2.893402	9.262317
2.170363	4.480334	2.763856	3.315941	2.529457	2.472718	2.722458	2.046713	3.380732	2.235191
3.148287	4.548968	4.082507	4.131389	2.717317	3.73827	3.953043	3.294417	4.703161	3.563626
0.777233	0.94246	0.683815	1.246845	0.392016	0.699968	0.920998	0.694611	1.085336	1.132531
2.676248	5.853909	5.596377	5.463215	2.718316	5.417483	5.660968	4.638304	5.607571	5.150324
1.369213	3.92824	3.249755	3.644417	2.349755	3.163679	2.947168	2.881482	3.82232	3.224621
0.440909	3.935546	2.861324	2.571683	0.678976	1.956158	2.890515	3.101913	2.209051	1.356985
1.351657	3.34893	3.563173	2.983623	1.527593	3.353136	3.221482	2.686777	3.397714	2.693668
1.786218	4.063597	4.014102	4.032132	2.244349	3.858842	4.280583	3.966534	4.267309	3.788142
1.057222	4.632251	4.660907	3.925797	1.634905	4.710096	5.251236	6.201962	2.154582	4.987562
0.780265	4.99459	4.213765	3.880477	0.77068	2.080078	1.496085	3.610272	0.941691	4.561324
2.845059	3.281458	3.727354	3.054896	1.866776	3.715408	3.231095	4.301084	1.609223	2.565153
1.772258	4.589184	3.073646	3.09558	1.895005	2.378881	2.632112	1.829593	3.808806	1.846279
1.755387	3.355178	2.358344	2.885127	1.724566	2.40132	3.106003	1.706538	3.71355	2.160371
3.156722	3.892899	2.682851	3.624823	2.453391	3.150887	3.237921	2.130578	3.494298	2.914415
1.413846	2.281431	1.710936	2.092753	1.16769	2.546041	1.768245	1.429507	2.090434	1.990522
3.193506	4.150634	4.370728	4.614755	2.169568	4.371447	4.906825	5.540986	4.489409	3.902036
5.425419	7.159742	8.153722	7.477931	4.773911	8.131089	8.097189	8.626655	7.436445	7.918013
0.672006	1.175705	0.855908	1.222754	0.366805	0.733543	0.824444	0.588096	1.935058	0.518647
3.872401	4.582305	6.021924	5.260391	3.957945	6.022837	6.331849	6.453081	5.580203	5.191041
2.912058	1.270443	0.479603	0.662127	0.088181	0.214008	0.829117	0.47067	0.180874	0.318762
2.279518	4.436955	3.568039	3.36886	2.057237	3.219105	3.25357	2.754984	4.201819	2.831046
-0.10907	4.11188	6.917383	3.590788	0.991552	4.451542	2.922219	2.869352	4.319483	3.974164
2.433763	3.009655	2.498645	2.625409	1.959158	1.793287	1.959158	1.880781	3.227794	1.473891
2.263217	3.545443	3.544032	3.081847	1.934771	3.161158	3.718891	3.8313	3.026669	2.83715
1.518432	5.824967	4.880913	3.668515	3.976962	3.742194	3.709575	4.517494	4.656515	2.720765
0.131868	2.635639	1.25724	0.336706	0.051625	0.051625	0.182878	0.051625	0.347857	0.157609
0.603818	3.342773	4.553198	3.015324	0.31992	3.639058	3.662973	4.595716	1.792105	3.458122

0.244376	1.419792	0.213325	0.14939	0.551804	0.362983	0.319511	1.700717	0.432957	1.596769
1.457719	5.807516	5.495331	4.377361	3.119367	3.978667	4.184487	3.531338	3.092744	3.556496
1.693073	2.883892	3.025794	2.651345	0.07429	2.520025	3.20072	2.914554	2.85367	2.620391
3.681945	3.928601	3.694589	4.350319	2.139296	3.502336	3.946815	3.175251	3.968681	3.112546
2.328865	3.557164	2.822328	3.128371	2.208932	3.201919	3.296348	1.764765	2.838471	3.182559
5.917275	6.923497	4.790899	6.455672	4.907648	6.194803	5.976883	5.156161	6.410646	5.312811
1.400561	3.729127	3.450955	2.869055	0.642585	2.741118	3.505478	1.481756	2.350661	3.489389
4.754023	5.999817	6.667283	6.916852	5.035778	6.743826	5.759767	6.38391	6.524298	7.350832
0.944617	4.465416	4.115817	2.541888	1.240408	1.991083	2.581734	1.991083	3.403191	1.736612
1.852334	3.293689	2.296692	2.755777	0.736805	2.33053	2.331917	1.796733	3.012775	1.880146
2.042484	4.908762	3.458499	3.776822	3.016255	3.160531	3.363003	2.371013	4.297388	2.598526
0.072671	0.072671	0.437334	0.149655	0.134556	0.149655	0.223058	0.251488	0.072671	0.072671
6.413707	8.113659	7.997167	8.298875	5.955884	8.580521	7.861868	8.812995	7.797191	8.834802
3.138516	4.934983	4.66698	4.991464	2.514567	4.82026	4.663136	3.977747	4.909451	4.224191
2.067917	4.118051	2.810338	3.317125	1.615598	3.147321	3.093502	2.101821	3.745425	2.13806
0.185273	2.067574	0.908948	0.608676	0.197947	0.318591	1.103908	0.247494	0.481622	0.330089
2.458676	5.095548	4.506005	4.712677	2.891902	4.306133	4.145299	2.967883	4.927836	3.472098
2.735055	3.058041	1.904428	1.508119	0.413156	1.296011	1.359875	1.366108	0.716743	0.736158
2.622839	3.623422	2.618513	2.339977	1.898815	2.425243	2.583234	1.845359	3.275749	1.493037
3.549158	3.71423	3.115294	3.410815	2.891829	2.947388	3.160453	2.011781	3.142893	2.467523
0.542415	0.138216	0.093787	0.242639	0.035854	0.023927	0.357108	0.093787	0.023927	0.149073
0.146367	0.742245	0.073436	0.25216	0.029523	0.029523	0.062618	0.146367	0.062618	0.08415
2.484395	3.962215	2.841587	4.071081	1.046991	3.717746	3.749863	2.497859	2.609606	3.310889
0.139409	2.760248	3.694988	2.222931	0.454442	4.749876	2.421565	4.232158	2.9933	3.567233
1.121241	4.097184	2.481385	2.092577	1.773065	2.473592	2.258032	1.837039	2.473592	2.128331
1.548902	3.393026	2.737917	3.098961	1.505581	2.571528	2.801005	1.5367	3.65079	2.94434
2.143014	4.971546	3.722142	3.60602	1.707764	3.682899	4.100541	2.982563	4.710253	3.855373
4.377863	6.487436	6.729924	6.981262	3.789044	7.425936	6.751211	7.399734	6.588203	6.543137
0.01857	0.464573	0.057751	0.01857	0.057751	0.01857	0.044819	0.057751	0.03176	0.01857
0.538246	1.776626	1.419548	0.584153	-0.01006	1.054737	1.641849	1.343967	0.344838	1.476159
2.993363	3.883377	2.38491	3.215033	2.429878	1.961502	2.009144	2.093789	3.779982	2.028563
4.499878	7.007687	7.620366	6.806094	4.09876	6.910789	7.180209	6.463089	7.884992	7.056679
0.094629	0.057655	0.028997	0.245903	0.067027	0.009424	0.038641	0.019258	0.130282	-0.00051
0.292689	1.783621	0.43554	0.595947	0.202175	0.828504	0.401156	0.175214	0.401156	0.175214
2.930728	4.931661	3.589299	4.095082	3.003387	3.598703	4.44281	3.241207	4.537017	3.034329
3.70742	5.225993	5.536026	5.308968	3.476855	5.820713	5.664575	6.035267	4.89547	5.716919
4.676226	4.932658	5.541208	5.280018	4.140757	5.426697	5.612579	5.900031	4.233702	4.865626
4.165365	4.565841	3.3502	4.434151	3.515829	4.259793	3.801589	4.113451	4.053318	4.344849
3.692198	5.116363	3.911754	4.331734	3.469113	3.853317	3.752103	2.8694	4.655183	3.770128
1.984904	2.797959	2.1737	1.059822	0.613695	0.72035	1.286389	0.613695	1.046144	0.561588
2.068427	7.319583	6.177435	5.251434	2.273751	5.1102	5.026847	3.48611	5.115715	4.794137
0.004922	0.200407	0.026154	0.004922	0.057235	0.004922	0.004922	0.026154	0.015591	0.004922
5.610863	6.610206	7.094489	5.518844	4.536526	6.283651	5.756205	4.209157	6.692821	5.756881
3.479544	4.687677	4.296056	4.633753	2.735014	4.326983	4.019987	3.393429	4.563794	3.518539
3.979455	5.986649	4.620906	5.00857	3.685995	4.185304	4.303343	3.38455	5.176333	3.893791
1.140505	3.879635	2.296096	3.025399	0.858601	2.128784	2.766391	1.675264	3.551491	2.033261
2.597802	5.112691	5.455377	4.316164	1.969181	4.620996	5.976661	5.841973	4.5308	4.337197

1.860177	2.998921	1.634055	1.393974	0.989048	1.887078	1.460665	2.672958	1.302788	1.764974
0.001022	0.300161	0.001022	0.001022	0.001022	0.071631	0.025018	0.03684	0.03684	0.149122
4.553998	5.297399	4.510686	4.449235	2.784205	3.863167	5.082353	3.274683	4.867178	3.814213
0.232732	0.293357	0.579686	0.323226	0.232732	0.263195	0.352806	0.232732	0.232732	0.293357
0.021264	0.487045	0.218949	0.130121	0.103682	0.218949	0.049274	0.049274	0.035338	0.116963
4.219503	6.221019	6.646566	5.659146	3.648171	6.19146	6.400628	6.365374	6.077758	6.17687
3.374543	4.091115	2.519206	4.623153	2.924509	4.236149	3.404044	3.439612	4.60842	3.561748
1.383179	2.721457	2.453392	1.944396	1.165877	1.994307	3.188981	1.886559	3.278939	1.301165
0.47802	2.271869	1.528971	0.979675	0.442306	1.544725	1.057532	0.762116	1.734004	0.971629
3.274151	7.430409	7.727095	6.794102	3.560414	6.513795	7.10729	6.542771	5.930371	6.122212
0.575483	0.422595	0.000439	0.000439	0.072081	0.089561	0.000439	0.000439	0.072081	0.036611
0.711905	3.568366	3.056946	1.448001	0.723587	1.179255	2.031088	1.786261	1.540794	1.131154
2.002454	3.99836	3.097076	2.849048	1.688268	2.663482	4.528348	3.394709	3.957243	2.264783
3.218466	6.586341	6.451948	5.915697	2.86442	6.306714	5.906991	6.88204	5.61228	5.37861
0.062977	0.620989	0.456565	0.175894	0.049815	0.323659	0.532175	0.114356	0.323659	0.312861
0.103075	0.633139	1.257243	0.195222	0.016609	0.114963	0.687201	0.066732	0.717096	0.138413
2.773276	5.292394	4.466277	5.564742	2.77105	4.860155	4.688202	3.501697	5.576708	4.159202
3.412632	5.75965	4.870453	5.271492	3.107338	5.011171	5.374058	4.261935	6.139046	5.036425
0.569582	0.553688	0.022728	0.277062	0.022728	0.047036	0.1058	0.022728	0.226039	0.161903
7.331288	9.098748	10.32095	9.456016	6.883189	11.12232	11.48114	10.83063	9.531955	9.682005
4.00637	5.093317	4.743404	4.734741	3.181554	4.672329	5.282692	5.223108	4.939734	4.38005
0.444365	3.492065	2.665717	2.433433	0.623087	2.980169	2.387157	0.299287	1.453434	0.650758
4.289723	7.607037	7.707324	5.453527	3.505644	6.772785	7.492993	9.215346	5.167338	6.77865
4.028784	3.52361	3.800545	4.181055	2.651421	3.987441	4.247802	2.219735	4.161972	3.186375
2.898354	3.775729	3.252713	3.746321	2.08047	3.396127	3.604293	2.52251	4.371724	3.234839
1.783329	2.068987	1.733072	0.958524	0.435302	0.948362	1.947902	1.930744	1.540463	0.691992
-0.0264	0.368867	-0.00994	0.054288	-0.0264	-0.0264	0.022485	-0.00994	0.116116	0.219046
0.849488	0.637604	0.924814	0.657277	0.149685	0.724149	0.281211	0.354876	0.34285	0.524483
2.356829	5.503692	5.9686	5.167393	2.495531	5.302632	5.348535	3.801696	5.782783	5.079989
4.395282	4.813206	4.596581	3.864883	4.106975	2.269402	3.112734	1.458107	5.019003	1.215256
0.608954	2.416168	3.805848	2.172729	0.072411	2.0134	3.518845	4.587461	1.697948	1.760439
2.696257	4.819918	4.17614	4.900696	3.653605	5.487014	4.056804	5.805292	5.670928	4.80635
0.26342	3.035279	0.957461	1.355147	0.094428	2.294395	0.392227	0.560929	0.468508	0.094428
3.56151	5.467925	5.031437	5.207583	3.998524	4.293036	4.398513	4.486518	4.43261	4.664306
0.727305	0.410113	1.628393	1.279601	0.059028	1.347344	1.944993	3.914597	1.568536	2.946321
1.870566	3.251954	3.795714	3.606039	1.607038	3.44836	3.605292	3.457526	3.371309	3.235213
0.753396	2.095746	2.497693	1.796514	0.846474	1.382445	3.129906	0.707373	2.811612	0.714056
0.510092	0.997574	0.501931	0.493714	0.287219	0.216572	0.237187	0.257451	0.550083	0.816873
2.849781	3.804584	4.739217	4.752145	2.581117	5.360183	4.849765	4.835814	4.800397	5.091342
3.196753	6.770087	5.762272	5.653171	3.174151	5.161005	5.181908	5.147364	5.163393	5.102769
0.178064	1.154238	1.457636	0.542205	0.202585	0.596994	0.716435	0.810673	0.640935	0.588023
3.056823	6.573602	5.903859	5.245401	4.528504	5.260659	4.749401	3.58575	5.597839	3.321392
4.990753	6.923841	6.328807	7.256741	4.432365	7.235035	6.730526	6.157388	5.897336	6.749646
1.067024	0.070747	-0.01587	0.238702	0.151874	0.174139	0.117733	0.228165	0.094456	0.174139
2.69004	3.07927	2.773707	2.647372	2.173968	2.663979	2.707078	3.051018	2.40506	1.975424
0.664449	3.569106	2.275252	1.555014	0.935754	1.69651	1.57091	1.117578	1.489471	2.037532
2.344995	3.676243	2.834194	2.771723	1.567989	1.867143	1.831724	1.718696	1.804453	2.089429

2.574019	3.678872	3.537046	4.222791	2.419666	3.148394	2.774756	3.083464	3.353169	3.582545
0.734005	3.227682	2.484622	1.468748	0.430733	2.056197	2.40435	1.982209	3.802332	1.140125
1.493071	1.968123	1.677348	2.697175	1.261932	2.435355	2.238521	2.360852	1.772099	1.427895
2.053363	4.273395	3.767561	3.777185	1.616112	3.514696	3.579186	2.672302	4.425305	3.165836
5.581398	9.804529	9.856773	8.774431	6.005842	9.989571	9.22781	10.79273	8.672349	9.536877
3.329301	4.377081	4.659617	5.499609	2.405236	5.814769	5.402972	3.821645	4.076251	4.346268
1.713807	5.522254	3.513961	3.210766	1.544502	2.493476	3.010189	2.414883	3.230176	2.138949
4.383058	7.239995	6.185105	6.983618	5.110793	6.655501	5.762419	7.430051	5.434722	8.325608
4.788771	3.25169	3.813772	3.964113	2.156463	4.245815	4.535337	4.739123	4.498748	4.462491
2.559388	3.793735	2.709438	3.199216	2.412118	2.65481	2.963578	1.970211	4.360107	2.632554
1.568204	1.368936	0.503509	2.153284	0.328517	0.356238	1.199246	1.094835	1.979014	1.352241
1.338282	3.519294	2.455292	2.911805	1.338282	2.655553	3.020777	2.180182	3.174223	2.215276
2.848404	4.220097	3.874128	4.159087	2.261729	3.785895	3.790114	3.620554	3.714299	3.867665
2.516469	4.058053	3.136394	3.319966	1.988817	2.781003	3.169066	2.359668	3.70344	2.41551
1.052995	3.374289	1.528577	1.744632	1.046922	1.146084	0.436487	1.151662	1.268058	0.848204
1.483563	4.975748	3.557874	3.22241	1.908274	2.706003	3.236806	2.212596	3.469838	2.391158
1.638333	2.201818	1.398926	1.720355	1.0208	1.4074	1.50808	1.296366	2.536676	1.386087
2.944359	4.284534	2.354917	3.320955	2.094846	2.345335	2.462122	2.642124	3.853265	3.303764
2.168584	4.91224	3.19607	2.997585	1.747334	4.002134	3.024395	6.61225	3.219709	3.354382
3.554155	3.881495	4.444735	4.104885	2.615202	4.820894	4.750544	4.801098	3.954948	4.167083
0.578442	2.921336	3.039731	1.397772	1.244066	0.854422	1.974897	0.532468	3.719151	0.64021
3.398548	4.825534	4.766559	4.627104	2.620947	4.751748	4.78714	4.59628	4.849266	4.195132
1.056089	2.8477	3.404729	2.206342	0.946198	1.936605	2.411925	1.986196	3.1621	1.545382
2.973914	5.459625	4.871988	4.712568	2.584627	4.746618	4.710992	4.760972	4.907612	3.942595
5.410284	5.089402	4.079153	4.804557	4.642625	4.262239	4.203587	4.502143	5.2244	4.312397
4.259993	5.501699	4.117072	4.910686	3.93024	3.937128	3.8349	3.045986	4.869387	4.381611
4.362989	4.759002	3.805635	5.110856	3.848485	4.337036	3.85044	4.139928	4.47333	3.809689
4.802532	4.583278	6.260943	5.701756	4.512569	5.824791	6.351409	5.879568	5.270812	5.760168
2.38121	6.146334	7.043808	5.937202	4.740894	5.83943	5.380991	8.601672	3.891774	6.561685
5.479435	3.229307	3.285256	5.559247	3.765787	4.051197	4.268513	3.301835	5.687105	4.601438
1.601068	4.27004	3.948611	3.578968	1.40208	3.26695	3.730829	3.342547	4.313656	3.292753
3.026961	5.478833	4.815982	5.798146	4.982272	7.315317	4.6911	5.385215	6.940235	6.337864
1.453245	3.505634	1.967062	2.471015	1.482369	2.069352	1.89052	1.586491	3.387525	1.795348
1.866367	3.90434	3.207133	2.403575	1.336818	2.4455	2.427344	2.515397	3.165113	2.15769
1.220248	4.268272	3.287869	2.096161	0.744672	2.072435	2.774346	3.554495	2.500582	2.482038
3.030435	3.534806	3.714995	2.507939	1.157856	2.860608	3.561727	4.988882	1.374237	2.854535
0.030022	0.466231	0.389855	0.062155	-0.0143	0.182261	0.237843	0.08308	0.228767	0.113759
3.977997	5.670179	4.939531	5.658054	4.039144	5.326811	5.113078	4.678718	5.924373	4.437095
2.595526	4.653359	4.417447	4.665654	3.017184	4.708339	4.571083	3.738652	4.406368	4.316591
3.688951	5.752099	5.127769	5.354413	3.874484	5.334812	4.900272	4.263095	5.677502	4.978477
-0.02254	-0.02254	0.923952	0.124475	-0.02254	0.09852	0.405164	0.815343	0.107247	-0.02254
-0.16891	2.786693	1.642487	2.108907	-0.05473	2.562364	1.091402	3.113554	1.603941	2.036309
2.534177	3.451829	4.262305	3.835844	2.529654	3.972135	4.672091	4.162889	4.432251	3.915951
3.018637	5.62854	5.35838	3.900206	3.240749	3.573173	4.882466	3.228893	5.824608	2.494059
0.89083	1.877172	1.24472	1.929014	0.81724	2.177965	2.394933	2.483743	2.383945	1.812862
3.025217	3.715276	2.752149	3.554294	3.206279	2.289202	2.267157	3.047173	3.077372	2.913424
3.700646	6.943428	6.771005	7.033434	4.333202	6.672785	6.53008	5.624779	7.188928	6.526122

2.689698	3.352009	2.697297	2.772975	2.010647	2.26266	2.232631	1.780608	3.025914	2.006011
0.445112	0.892009	0.513111	0.61636	0.431167	0.701657	0.431167	0.771393	0.591152	0.61636
3.902703	5.220928	4.725943	4.541732	3.353824	4.113816	4.68902	4.006658	5.253321	4.301448
2.216782	5.284684	3.24585	3.843453	1.975952	3.2538	3.432088	2.268008	4.350371	3.366168
0.274254	2.46327	1.010012	0.40051	0.641239	1.242223	2.722064	0.516111	1.649816	1.085228
1.272692	3.355678	2.747261	1.931145	0.559441	1.336504	2.611701	1.262559	2.882975	1.302574
0.014424	3.384222	0.014424	0.071166	0.014424	0.028819	0.014424	0.014424	0.057188	0.057188
4.201581	6.160451	5.121598	5.913269	3.709483	5.912273	5.73791	4.706479	6.091258	5.282874
3.162825	5.823509	6.499783	4.145896	2.191481	4.294928	5.836877	7.093829	2.959509	4.375305
4.18104	7.334042	6.574618	5.990984	4.39579	6.048582	6.077508	5.899167	6.141773	4.51996
4.813809	5.038132	4.996975	5.835011	4.346121	5.306509	5.627742	4.264738	5.193879	4.916676
2.917944	3.649287	4.172405	3.781548	2.181788	3.826922	3.545281	4.700259	3.01343	3.275085
4.034745	4.3122	3.10122	3.378377	2.872264	2.747781	2.983567	2.018293	3.671703	2.625296
4.165355	3.121751	3.085478	3.723425	3.297606	3.582486	3.409633	3.348291	3.972319	3.424531
0.049712	0.099932	1.005794	0.424455	0.049712	0.217485	0.594238	0.375764	0.148255	0.57739
-0.03634	0.873862	0.075394	-0.03634	0.094593	0.499737	0.262607	0.295058	-0.04705	0.451875
1.44667	3.23485	2.840318	2.241267	1.478231	1.083496	2.308364	0.684718	4.176961	0.808481
-0.06999	4.933061	2.493869	0.419058	0.271774	0.544541	2.556388	2.557537	2.6408	1.429989
5.067822	6.063598	6.513895	6.580424	5.004596	6.798575	7.036435	7.385169	5.851829	5.710603
3.480091	3.703689	3.67556	3.668536	2.449531	3.387166	3.753167	3.810619	2.80721	3.1886
2.86533	5.268484	3.730759	4.222392	2.947352	4.218386	3.621138	3.430134	4.567284	2.810249
3.626537	4.539045	3.257238	4.002758	2.470796	3.029061	3.868232	3.403312	4.765334	3.214557
2.02616	3.487308	3.406154	4.319239	2.006442	4.476804	4.858041	3.257796	4.21378	4.348226
2.55551	5.29285	2.667876	4.1777	2.287579	2.398348	3.003189	2.246442	3.147371	1.212533
3.302566	4.956277	3.792819	3.927973	3.052058	5.320014	4.653697	4.3038	3.179591	3.623523
3.501517	4.1938	2.679577	3.177498	2.410699	1.178416	3.578346	2.878723	4.848291	3.798418
2.349362	3.043513	2.149534	2.759876	1.512268	2.073788	2.678882	1.881064	2.870239	2.289447

CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11
0.310666	0.166187	0.240398	0.676956	0.549988	0.37739	1.102218	0.736144	0.614994	0.21612
0.691656	2.244373	2.051699	1.534592	2.337876	2.059043	1.8119	1.26898	2.307379	2.594274
3.609521	6.154404	6.144781	5.801307	5.21463	5.655786	5.472578	5.037973	5.891604	5.64319
0.611713	7.494611	6.053089	1.967105	2.983723	4.64971	3.887473	5.058994	4.577222	5.763679
0.924375	1.009354	1.038906	0.979102	0.807344	0.608867	1.872633	0.841889	0.707229	0.513364
4.606042	6.759311	6.671891	7.164126	7.346311	7.403782	6.579926	7.262914	7.155562	6.860571
5.099706	6.098991	5.788019	5.856812	6.466974	6.583167	5.744236	5.570473	6.360513	6.264983
0.734411	2.738958	2.686876	1.195064	0.134221	0.126684	0.734411	0.604026	0.539838	0.974944
0.219163	0.219163	0.208401	0.083552	0.153175	0.389351	0.834731	0.009871	0.059466	0.175555
2.322207	5.658482	5.666302	5.555763	5.055186	5.320524	5.696195	5.396731	5.68242	5.333547
2.687477	4.608481	4.522332	4.620572	4.323518	4.843452	4.580176	5.120443	5.564669	4.802295
1.638826	3.170853	3.843517	3.193507	3.341526	2.389013	3.624535	3.006124	2.977539	2.456476
1.033129	2.571946	2.017513	1.937961	2.071492	2.981399	2.544838	2.157637	2.567471	2.776108
2.474757	4.045797	3.854304	2.864552	4.059365	4.516986	3.466542	2.849851	3.192249	4.452121
3.983063	4.183523	4.418072	5.333548	6.759203	4.361188	6.159377	4.23804	5.359726	4.803272
2.015104	2.929113	2.917894	3.558542	3.35505	3.449636	4.110199	2.839957	2.846002	3.500013
0.906692	1.261248	0.811475	1.081789	1.821268	1.229351	2.105788	0.577858	1.033609	0.837637
7.44007	8.650656	8.195152	8.085063	8.550352	8.909466	7.673922	8.882667	8.213534	8.703775
4.985486	3.427973	3.896422	5.83596	5.641967	3.915781	6.066945	4.554548	4.908699	3.685155
2.450994	3.658223	3.782377	4.293463	4.111815	3.237088	4.769329	3.002147	3.818419	3.256172
1.574007	3.054433	3.160167	3.435979	3.313064	3.053105	3.260283	2.93791	3.347453	3.118684
2.12861	3.305463	3.586229	3.832416	3.287539	2.649351	4.006537	2.534854	3.305463	2.77022
1.852045	2.997378	3.12273	3.015652	2.742814	3.102444	3.201258	2.795918	2.93451	2.549518
0.208485	0.216702	0.191865	0.240993	0.978669	2.564924	0.875385	1.28526	0.28803	-0.0402
1.524256	3.969886	3.940604	3.610988	3.777361	3.524978	3.802693	3.589469	3.348443	3.217987
2.461752	1.927376	2.194376	3.116155	4.936725	3.313679	5.118026	2.40908	3.522117	2.63881
0.423463	0.749649	0.77112	0.899472	0.880026	0.71306	1.342615	1.160986	1.237689	0.756845
3.364855	4.839797	4.859177	5.154523	5.293839	3.865079	5.870879	4.549506	5.337295	5.353207
4.697405	3.701751	4.953982	3.425872	2.874689	1.373244	2.935175	1.759826	1.765121	2.054117
4.678588	4.285268	4.024575	4.245379	4.296914	4.323352	4.374744	4.845749	4.538061	4.090305
1.97862	2.591515	1.733125	1.985697	3.035592	3.734334	2.591515	2.446796	2.839852	2.359964
2.382833	5.001668	5.399667	5.477522	4.817372	3.783059	5.1369	3.541931	4.892399	4.826951
3.456685	4.478236	4.428285	5.606848	4.976573	4.210674	5.623788	4.621788	5.304152	4.507295
1.955256	2.55004	2.066236	2.617296	2.340596	3.772543	3.417004	2.883212	3.2926	3.228895
1.860217	4.197361	3.693623	2.350263	2.650783	3.150473	2.678526	3.121635	2.690666	2.495296
3.618114	1.612047	1.698483	2.356315	2.396747	2.219908	3.143739	2.029199	2.07692	1.728706
3.332843	5.934111	5.80916	5.379171	5.103565	5.768301	5.411165	6.092542	5.67692	5.812085
2.501035	4.666219	3.727667	3.771096	4.140215	4.501569	3.931495	4.041559	4.316378	4.650791
3.388606	5.336027	5.108153	4.55582	5.331366	4.988419	4.530186	5.821535	4.625303	5.472981
0.018737	0.107686	0.093216	0.063859	0.107686	0.150289	0.284279	0.033927	0.033927	0.048966
-0.00069	1.292975	0.884484	0.181906	3.332793	2.146778	0.29583	1.451109	0.221099	1.049614
1.691632	3.524424	3.248453	2.315104	1.841621	2.940754	2.133113	2.774215	3.283446	2.907611
0.941807	2.727574	2.067643	2.2039	3.860398	3.949356	2.883015	3.979081	2.768718	2.982978
0.369528	0.718781	0.76451	1.364549	1.892448	0.42288	1.609256	0.465478	0.789826	0.902832
0.629962	2.548225	2.359977	1.12668	1.371869	1.839703	0.855992	0.855992	2.291362	0.787369

8.314285	11.13988	10.27465	9.95555	11.48023	12.23122	10.83624	10.76841	10.53266	10.93346
2.731373	6.879082	7.085783	6.72588	5.099527	4.357001	5.95449	5.012597	6.30907	4.315378
1.052533	4.949719	4.243922	3.861384	3.345191	4.73522	3.604038	4.584651	4.619162	3.991507
0.618578	1.338991	0.523585	1.117471	0.718297	1.182977	2.016473	1.166949	1.083258	0.551538
0.345885	0.897175	1.277136	0.823157	1.227441	0.237208	1.153423	0.292544	0.397371	0.620091
-0.01339	0.895566	0.567717	0.976149	1.471276	0.646275	0.78315	0.71411	0.573964	0.8186
1.781477	1.792348	1.827797	2.329406	2.424877	1.581669	2.959101	1.527537	2.170366	1.628972
2.273875	4.929449	4.866296	4.589671	4.418744	4.525237	4.883332	4.353431	4.545893	4.927803
2.155001	4.126245	4.275732	4.600553	4.581571	4.395057	4.643016	4.052966	4.581983	4.048235
0.303471	0.226379	0.199777	0.029448	0.480495	0.131137	0.502597	0.172696	0.186298	0.029448
2.491091	0.727404	0.083424	0.590884	1.720645	3.236864	0.699006	0.325012	1.002461	1.105355
4.272848	7.576259	7.399385	7.524983	7.92648	8.78954	7.307851	7.980254	6.968839	8.628137
5.816847	8.694776	8.788725	9.395486	8.835582	8.695373	8.898839	8.954447	8.730391	8.578299
1.523335	4.920704	4.831046	4.185581	4.000994	4.126035	4.529616	4.788891	4.944155	4.478457
1.313844	1.012995	1.550307	1.143671	2.534652	1.427505	2.372093	1.188492	2.20104	0.938149
2.893392	6.337368	5.978834	5.527537	4.893625	6.612154	4.411351	6.97859	6.053133	6.591493
0.363192	2.81605	1.181674	1.208488	2.302953	6.247908	1.398288	2.742793	4.68896	2.248834
2.993905	3.315785	4.673819	4.032773	3.144252	3.213237	3.615394	2.717269	3.3887	2.890547
0.31492	1.786547	1.820018	0.734117	0.105845	1.797227	0.766189	1.979652	0.443182	1.163681
6.395125	10.03706	9.436436	8.031675	8.484009	10.3491	7.582825	8.979586	7.076625	10.38491
2.758977	2.767096	3.130367	3.295958	3.407774	2.64887	3.980144	2.184813	2.831338	2.64887
2.613945	3.329324	3.456669	4.135715	4.036455	3.460964	4.512135	3.694477	3.456669	3.584634
0.37762	0.903509	1.035939	0.650748	1.207893	0.420232	2.294925	0.581342	1.591868	0.816244
2.416938	5.363047	5.695391	5.587759	5.240393	4.892936	5.239351	4.79814	5.583239	5.219865
2.255591	4.218066	4.559041	3.968169	3.383326	2.793159	3.56058	2.901455	3.379645	3.357294
0.860827	1.76594	1.439595	1.630816	3.422745	3.508032	3.57451	2.349732	3.174394	2.228261
1.600347	3.426014	3.040576	2.767611	3.685354	3.563173	2.795957	2.89551	3.153066	3.050304
2.258691	6.24386	6.176804	4.731061	3.471628	3.925496	4.083118	4.140503	4.371821	4.293707
3.148262	7.075278	6.429349	4.642419	4.062425	6.75827	3.325117	6.475462	5.692589	6.790992
1.61686	3.623174	4.986751	2.725113	1.241571	1.626851	3.827643	3.784906	1.915654	2.114713
1.267215	3.133765	2.898075	2.946105	3.899335	5.291431	2.785679	3.726195	3.384745	4.216764
3.043085	2.420912	2.113034	2.930758	3.548835	3.373461	3.728174	1.812675	3.315503	3.177711
2.127459	2.242476	2.610504	3.249492	3.127246	1.95251	3.576973	2.068052	2.553439	1.938038
3.103023	3.66621	3.753639	3.563048	2.494779	2.643569	3.593418	2.383637	2.742411	2.974753
0.907488	2.53934	2.360105	2.230125	1.889681	1.822501	2.179293	1.690521	2.272734	2.842712
2.212285	3.909024	3.80645	3.771239	4.360853	4.8603	4.448669	4.593279	4.823457	4.844907
4.761292	8.134382	7.548669	7.440001	7.634854	8.279406	7.114023	8.434119	7.771927	8.305318
0.487644	1.181685	1.837295	1.46319	1.317149	0.750576	1.52344	0.626095	0.832386	1.002217
3.823809	5.338488	4.973651	5.291259	5.199234	6.163272	5.07063	6.461612	5.559403	5.424859
0.158309	1.169332	0.946396	0.288207	0.582302	0.203056	0.829117	0.548956	0.744653	1.153469
2.538738	3.00959	3.523351	3.968555	3.085083	3.224625	4.103301	2.937783	3.116218	3.377569
0.181126	2.20386	1.266293	1.02097	1.722026	3.369474	4.37186	4.123077	5.029605	3.919973
1.851228	1.786278	1.604083	1.99793	3.412473	2.149087	2.278328	1.743319	2.680719	1.587538
2.293662	2.94679	2.534774	2.632514	3.212353	3.686208	3.195349	3.955657	3.667594	3.012598
4.294864	4.696789	3.913187	3.406095	4.950048	6.270131	3.39812	5.984195	5.105078	4.404853
0.051625	0.628234	1.149878	0.051625	0.637265	2.433861	0.219932	0.325464	2.345635	0.244093
1.346602	3.424737	2.12073	2.738699	3.671897	5.275178	3.086369	4.216543	3.820225	3.625417

0.925714	0.674429	0.539019	0.259683	2.417362	0.244376	0.432957	2.716596	0.197575	0.755088
4.73927	2.828559	2.64862	3.833014	5.13004	6.255685	4.654445	3.432301	5.109641	3.749138
0.475324	2.256537	2.557448	2.005217	2.487822	2.426339	2.640855	2.603736	2.746612	2.02687
2.532827	4.315121	3.956807	3.670442	3.72314	3.449611	3.678762	3.65817	4.21862	3.785126
2.614019	3.232041	3.208296	2.926807	2.810056	3.171649	3.05261	2.092059	3.191208	3.530928
4.781817	4.547498	4.60335	6.528351	5.543078	5.04273	7.005016	5.011192	5.218492	4.754124
1.429455	3.192764	2.485528	2.610148	3.485783	3.943887	3.27508	1.780496	4.565709	2.812259
4.681486	5.739573	5.12787	7.845326	6.1239	7.209358	7.192337	6.539783	6.958698	7.174908
0.958706	3.013535	2.629853	1.097934	5.703883	4.084215	2.661566	1.817709	4.29772	1.690103
0.718254	1.905195	1.994239	2.634304	3.298204	2.601388	2.870773	2.020499	2.772454	2.105946
2.09944	2.79251	3.522984	3.464386	3.433125	2.479935	4.571303	2.447266	3.336958	2.314323
0.208648	0.194105	0.072671	0.208648	0.534464	0.637032	0.149655	0.164612	0.373444	0.179427
6.377836	8.978921	9.188308	8.655027	7.482463	8.436048	8.017696	8.561635	8.272416	8.261963
2.947885	4.585998	4.972605	4.779943	4.250939	3.914314	4.64607	4.168125	4.73276	4.461967
1.421962	3.28703	2.732978	2.893647	3.797546	2.746874	3.016797	1.960181	3.310916	3.153
0.197947	0.988898	1.142288	0.450539	1.167286	0.995939	1.154845	0.450539	0.967554	0.501957
2.39636	3.899766	4.33597	4.411202	4.383621	4.207528	5.195567	3.904731	4.274082	4.041359
1.59555	1.829836	0.792877	1.208505	1.843283	3.753504	1.415022	1.444768	1.963077	3.723683
1.694728	3.140879	3.392333	2.735894	2.792395	2.40057	3.180278	2.221939	2.933813	2.259396
2.643407	2.656459	2.962045	3.168459	3.686153	2.551995	3.637058	2.395253	3.129184	2.477821
0.023927	0.993561	0.444868	0.047664	0.070945	0.023927	0.12726	0.201944	0.191553	0.105048
0.340364	0.094762	0.08415	0.062618	0.073436	0.029523	0.270365	0.094762	0.051695	0.040664
1.344759	2.514477	2.70618	3.603988	2.249509	2.831504	3.991334	2.0134	3.492891	3.391174
0.551973	3.142999	3.088639	4.303502	2.780384	3.969374	3.20906	4.254595	3.62262	5.043611
2.542168	1.799017	2.225579	4.774204	3.395811	2.298647	4.15268	1.545345	1.950856	1.583544
1.492879	2.525618	2.917146	3.312375	2.451574	2.026988	3.176212	2.203283	3.009485	2.440953
2.152157	3.951058	4.097891	3.941035	3.847754	3.663712	4.447662	3.568635	3.434679	2.841051
4.15115	7.086813	6.977084	7.566176	6.870986	7.032809	6.892808	7.198529	7.003226	6.88167
0.180573	0.180573	0.070559	0.01857	0.070559	0.01857	0.057751	0.01857	0.01857	0.144907
0.048856	0.958177	0.546014	0.62844	1.619008	2.225875	0.785051	1.219043	1.91923	1.987339
2.150873	2.102779	2.878676	3.167513	2.746032	2.033362	3.99394	2.505282	2.715598	1.745321
4.165716	7.585701	7.957615	7.092409	5.851667	6.504095	7.293419	6.772737	6.837656	6.799944
0.028997	0.139	0.028997	0.32099	0.716027	0.094629	0.164705	0.245903	0.15621	0.009424
0.1197	2.016707	1.399542	0.575581	0.862407	0.365916	0.512664	0.305159	1.028188	0.267413
3.17006	3.323597	4.111275	4.164456	4.001041	3.44281	4.603652	3.356454	3.55078	3.097904
3.787389	6.667547	5.787581	5.418225	4.88588	6.255989	5.241347	5.817945	5.814771	5.749277
3.982986	5.892877	5.481824	5.139218	5.144876	5.403465	4.971198	6.090137	5.488974	5.399022
3.564968	4.272794	4.082566	4.688836	4.056466	3.973576	4.556281	3.753854	3.983697	3.944041
3.706556	3.615156	3.568385	4.26668	3.770128	3.435005	4.58942	3.188349	3.9954	3.403562
1.109656	0.734128	0.638855	0.290858	0.743218	2.268665	1.578926	1.172785	1.855552	1.066598
3.13921	6.460539	5.283242	4.384202	7.079807	5.522133	5.235983	4.019614	6.038061	4.886149
0.015591	0.077465	0.046974	0.004922	0.004922	0.036615	0.235564	0.015591	0.004922	0.004922
5.793699	6.317059	5.861466	6.470071	7.147777	6.051412	5.433178	4.63675	6.984046	6.348051
2.887084	4.361156	4.387648	4.518056	4.22881	4.239343	4.379722	3.524554	4.438285	3.956141
4.078168	3.977757	3.949342	4.577077	4.746112	4.565951	5.173604	3.630794	4.95279	3.990424
0.684535	2.471487	3.024673	2.843405	2.451017	1.799506	3.817306	1.816753	2.898528	2.052726
2.91323	5.12612	4.905045	4.646308	4.146413	5.749528	4.82425	5.676929	5.054206	5.40064

1.06711	1.519629	1.339024	1.418193	1.768628	2.40542	2.77841	2.58341	1.916682	0.839828
0.025018	0.651132	0.999739	0.459602	0.013079	0.013079	0.001022	0.001022	0.094281	0.127483
2.276995	2.532008	2.062114	3.863966	2.637136	4.013892	5.162913	4.113186	4.84949	3.308258
0.232732	0.382102	0.352806	0.232732	0.524522	0.232732	0.232732	0.439868	0.352806	0.468347
0.035338	0.445744	0.456183	0.168875	0.076739	0.103682	0.143157	0.168875	0.090275	0.194134
3.920458	7.577197	6.527942	6.353324	6.31777	7.184932	5.910798	5.78396	6.749129	6.649771
2.947201	2.950653	3.520344	4.83884	3.587888	2.338172	4.35584	3.73343	3.546394	3.300515
1.310575	2.93266	3.220055	2.515224	2.116068	2.46365	2.891335	2.604356	2.65294	2.767991
0.367829	1.279601	1.534244	1.782811	0.896917	1.447242	1.207415	0.568774	0.955389	1.04995
4.456965	7.124162	6.551515	6.573878	7.991627	7.838409	7.105469	6.638042	7.279553	6.730992
0.000439	0.287227	0.23978	0.036611	0.018615	0.018615	0.000439	0.000439	0.124027	0.000439
0.855308	1.413208	1.364021	0.752287	2.862851	3.389951	2.581374	1.502779	2.084558	1.063756
1.410224	2.128062	1.900257	2.71753	2.92285	2.883789	3.352971	3.168695	3.329373	3.021161
2.838327	6.46125	6.289866	6.23312	7.051244	6.704988	5.848719	6.106338	5.516522	7.749877
0.101697	0.33437	0.671549	0.386663	1.893529	0.466256	0.301973	0.456565	0.257504	0.175894
0.054384	0.114963	0.390634	0.18406	0.103075	0.126742	0.491459	0.138413	0.238917	0.066732
3.347079	3.677887	3.370548	4.57728	4.312582	4.597688	5.153145	4.16234	5.050796	3.267849
3.88451	6.450448	6.882108	6.055019	5.64915	4.931316	5.771575	4.47586	5.814248	4.959114
0.034942	0.1058	0.059014	0.059014	0.354567	0.010393	0.850937	0.034942	0.047036	0.022728
6.103382	9.785514	9.09904	9.45423	9.072648	10.37407	9.085225	10.77624	9.979149	10.07512
2.818768	4.03347	3.646394	4.490495	4.533558	4.902569	5.181003	4.957706	5.087128	4.669026
0.345562	2.790417	1.622046	1.255578	2.478215	2.154312	2.196933	0.908404	5.224151	1.726861
3.614628	7.970618	6.463808	5.084711	7.870211	8.774794	5.913851	8.069913	6.786202	8.895819
2.834779	3.725065	3.503322	3.880018	3.065836	3.22923	4.042215	2.982712	3.976575	3.742914
2.007613	3.592912	3.863038	3.781516	3.45484	3.019865	3.954302	2.756616	3.883082	3.388791
0.973599	1.251427	0.890799	0.863643	1.428767	1.666974	1.939355	1.61974	2.466149	1.334466
0.069963	0.085491	0.146184	-0.0264	0.261271	0.022485	0.394706	-0.0264	0.275109	0.006351
0.436441	1.266004	1.647183	1.505119	0.203701	0.436441	1.266004	0.714779	0.306174	0.524483
2.697038	4.908454	4.985804	5.417788	6.215914	5.093662	5.750047	4.124742	5.812666	5.378121
2.017017	2.854473	3.220951	3.122998	4.627302	3.819708	5.048832	2.070379	3.439059	2.973449
0.351744	3.254377	0.750038	1.501365	3.666072	4.3175	2.452617	3.607333	3.226332	3.115682
3.971449	6.147424	5.704607	6.36744	5.943151	4.541354	4.868532	6.25131	4.515892	6.072645
0.052402	2.009089	0.720634	0.570837	1.825382	1.77549	1.427221	0.831699	2.839185	0.65703
3.961308	5.278219	5.169919	4.709481	4.768381	5.202274	6.297883	4.891569	5.301961	4.600527
-0.01229	1.819822	1.036719	1.314053	0.903263	2.456394	0.334951	3.136294	2.575437	2.474517
1.529969	3.51736	3.278368	3.168169	3.537591	3.712843	3.263134	3.501701	3.670383	3.483676
1.164803	0.987229	1.054408	0.881783	0.916088	1.187522	2.480864	1.652391	2.059156	1.431229
0.48544	0.184969	0.247362	1.64874	0.48544	0.381409	0.804221	0.518198	1.354975	0.676838
1.960884	4.43245	4.224321	5.055236	4.526662	4.238114	4.220003	4.841201	5.229913	4.6569
3.452092	5.272559	5.607892	5.449768	6.188928	5.573011	6.113396	5.043652	5.095991	5.610703
0.238513	0.5515	0.596994	0.523411	1.194203	1.846177	0.953859	0.993883	1.227498	0.445367
4.908345	6.673919	4.712388	4.820383	7.09177	5.513411	4.679194	4.719876	5.34023	5.149858
3.985385	5.965758	6.192324	7.45604	5.919164	6.174775	7.516302	6.182727	6.387504	6.462713
-0.01587	0.946105	0.678422	0.217541	-0.01587	-0.01587	0.106147	0.094456	0.185128	0.259519
2.500841	2.80412	2.588959	2.708134	2.721773	3.053336	2.988159	2.477665	2.310803	2.202728
1.438116	1.489471	1.335382	1.667424	2.29072	1.846076	3.514785	1.622573	1.576167	1.0258
1.843647	2.528975	2.646694	2.454837	3.659479	3.223176	3.269948	1.608387	1.999173	2.543926

2.338865	3.731924	3.854215	4.55311	3.570158	3.694463	3.830445	2.939921	4.112949	3.137438
0.657993	3.435151	2.059191	1.059399	1.430689	2.399743	1.187444	1.528333	2.576504	2.842171
1.295202	2.896108	2.765993	3.634622	2.011689	2.522104	3.211979	1.39024	1.719644	3.356532
1.884398	3.102288	3.309289	3.932636	3.642469	3.282749	4.429981	3.088316	3.499676	3.291112
6.283129	10.19596	9.363927	9.265072	9.908814	10.59113	9.523586	10.41999	8.979883	10.1594
2.569252	4.525629	4.536168	5.196247	4.682162	4.102491	4.854027	3.720673	4.322799	5.499609
3.002641	2.625292	2.148309	3.027642	3.725729	3.642305	4.988808	2.148309	4.135682	2.281635
4.438134	7.549289	7.412348	9.027903	5.922345	5.879599	7.52661	7.610871	6.14133	6.629878
1.99648	3.233505	2.805806	4.127785	3.235565	3.105565	4.249845	3.793673	4.257305	3.553102
2.225969	2.67331	3.246721	3.461912	2.836325	1.970211	3.881317	2.616889	3.014246	2.481233
0.383287	2.753967	2.231172	1.338135	0.454459	0.42267	0.730668	1.504024	2.522423	1.258723
1.338282	2.818149	3.158701	3.049516	2.850926	2.329714	3.463156	2.285406	2.657832	2.657832
1.692032	3.823228	3.915754	3.814027	4.012155	3.464146	4.405484	3.647682	3.931681	4.264849
2.045166	3.113221	3.147782	3.190989	3.186643	2.811614	3.813207	2.576499	3.198551	2.524967
0.702159	1.621356	2.302051	1.341225	1.396616	1.345944	1.822194	1.359984	1.02851	0.869674
1.956172	2.391158	2.006712	2.708491	3.060539	3.330021	4.279277	2.571646	3.133879	2.208811
0.755269	1.641737	1.614206	1.726655	1.603698	1.567916	2.309573	1.324073	1.691539	1.661934
1.823335	3.063775	3.506412	3.459817	1.389428	2.711451	3.074303	2.313654	1.39475	3.002774
3.888557	4.290888	4.312109	4.737147	6.231152	5.034334	5.94657	7.386341	4.910815	4.589788
2.199779	3.921083	3.41571	3.956532	3.990259	5.028571	3.899531	4.506346	4.450231	4.46876
1.142368	1.051139	0.648801	1.025699	0.847082	1.338436	2.408137	1.323171	1.594884	0.993188
2.79123	4.703961	4.440012	4.629194	4.040065	4.477106	4.578565	4.551221	4.974517	4.838417
1.259865	2.645902	2.691372	1.657103	7.128028	4.381194	3.911897	2.732815	2.790253	2.434368
2.863462	3.99382	4.218093	4.842689	5.024344	4.298525	5.054467	4.945765	4.889958	4.276282
4.013648	4.43273	4.41276	4.617002	3.821766	4.002602	4.514967	4.711055	4.475078	4.249199
4.101611	4.700337	4.840579	4.851827	4.161175	3.490455	5.072255	3.179573	4.032112	3.682327
4.079101	4.84864	4.579222	4.376678	4.659866	3.385162	6.045496	4.37234	4.551922	4.835008
4.010729	5.283499	5.034302	5.233864	5.227148	5.94573	5.038159	6.116562	6.266787	6.327429
4.326218	6.084941	6.732295	5.478941	3.312481	6.934495	5.813509	7.975477	4.909098	5.205559
1.334579	2.254213	2.786903	5.841714	3.188978	1.812172	6.014977	4.599631	4.774918	4.667509
1.809472	3.556015	3.57246	4.044841	3.807627	3.574634	4.222788	3.135832	3.667109	3.908169
4.660349	6.538747	6.137586	7.881994	6.061142	4.406057	5.248562	6.179956	4.878788	6.82144
1.164596	1.80824	2.144203	2.677017	2.449787	1.700601	3.159628	1.676783	2.055797	1.652438
1.408445	3.120072	3.055125	2.579015	2.867611	3.41602	2.98792	2.548821	3.243818	2.656591
1.090946	2.736533	2.458012	1.921929	2.748819	3.937343	2.841535	2.906325	2.445815	3.260791
2.223084	3.406562	2.463387	1.855636	3.190431	5.488257	2.71161	4.700462	3.755537	4.095208
0.428688	1.628582	0.984308	0.019104	0.734501	0.210394	0.191717	0.397729	0.210394	0.307939
3.7436	5.146119	5.093815	5.407802	4.56878	4.503681	5.721065	4.74737	4.846998	4.896367
3.142032	4.281408	4.707274	5.223778	4.705941	3.954493	4.627732	3.764144	4.24326	4.546374
3.955421	4.822065	4.993825	5.444022	5.329143	4.951184	5.924879	4.665066	5.327365	4.682482
-0.02254	0.565184	0.45533	0.359083	0.559696	1.104553	0.06282	1.221225	1.141938	0.45533
0.170018	2.344747	2.196803	3.040611	1.307926	2.450158	2.605281	2.465666	1.0724	3.984527
1.650625	3.987324	3.79589	3.867035	3.826633	4.115299	3.504603	4.466837	4.142766	4.316655
3.686509	3.711305	1.820792	4.266726	6.214419	6.106071	4.454998	3.128056	5.649443	5.156073
0.775657	2.421205	2.116475	2.234666	1.129011	2.278512	2.066136	1.99845	2.950025	2.307436
3.864119	2.387753	3.222492	3.249985	3.119839	2.612437	3.597954	2.840755	3.11865	2.880771
4.410192	6.264233	6.54372	7.310077	6.847384	6.114611	7.350103	5.964077	6.779485	6.307242

1.582974	2.157953	2.299111	2.656167	3.966748	2.421406	3.555127	1.973016	2.243986	1.757708
0.173909	0.402915	0.677736	0.269385	0.748476	0.238174	0.472651	0.330079	0.5784	1.004352
3.419553	5.178602	5.015076	4.656893	4.843297	4.69123	5.009369	4.079366	4.37611	4.293475
2.148907	2.96877	3.424077	4.06679	4.2914	3.166198	4.852768	2.812928	3.600848	3.103927
0.892667	5.430325	6.00117	3.759944	0.789324	1.023998	1.29461	0.411432	2.874513	2.221626
1.039077	2.229719	2.143992	2.109851	2.58393	2.724016	2.258414	1.133627	1.716857	2.102405
0.043073	0.490842	0.253881	0.112308	0.125767	0.203988	0.139101	0.014424	0.071166	0.028819
4.091527	5.470661	5.018712	5.784509	5.170723	5.34065	5.980565	5.16408	5.946401	5.649245
3.236423	5.832722	4.155413	3.797441	5.353129	6.920163	4.668559	6.211476	4.222888	6.553372
4.18104	6.158099	5.89507	5.962115	6.348831	6.766199	6.447881	5.921548	6.210689	6.166167
3.937262	5.525079	4.93536	5.061411	5.409272	4.956125	6.662626	5.201555	6.012184	5.609704
2.814864	4.454533	3.668357	3.421482	3.465569	5.026309	3.378877	4.852741	4.15388	4.394764
3.60698	2.40166	2.443442	3.132787	2.709332	2.525254	3.797294	2.26906	2.443442	2.46218
2.938397	3.826363	3.615972	3.766907	3.407135	3.38315	2.847657	3.518587	3.696624	3.173596
0.075068	0.075068	0.17175	0.049712	1.704008	0.667425	0.816481	0.148255	0.194822	1.693411
0.065672	3.448741	2.736528	2.079809	-0.06879	0.094593	-0.10218	0.159378	0.045981	2.079809
1.27098	1.626031	0.339691	1.034145	0.914231	0.975492	3.164772	1.196468	1.117695	0.339691
0.146292	3.323484	2.377122	1.444353	5.811383	5.049731	0.752409	2.731771	2.671533	3.609562
4.728228	6.647409	5.695572	6.25683	6.774463	6.779139	6.879532	6.724769	6.852233	7.557441
2.569453	4.019415	3.282428	3.478286	3.117441	3.539706	3.563868	3.615906	3.83241	3.247833
3.679997	4.794386	4.955395	5.168861	4.022231	3.517262	4.4007	3.435531	4.060617	3.909114
2.604259	3.371952	4.003268	4.125514	3.388672	3.334777	4.003779	3.384054	3.933578	3.278965
1.540744	2.989715	3.010208	3.735763	2.87608	2.929816	4.683732	3.992093	4.696911	3.488099
1.826512	3.574854	3.356292	2.940319	3.351241	2.678591	5.051264	2.39303	3.277014	2.541343
2.741628	4.33034	4.340346	5.672275	2.741628	3.252287	5.399248	4.009549	3.954018	3.657634
3.849943	3.368172	4.001024	4.609014	2.517057	2.80173	3.882469	3.247756	3.650844	3.601193
1.626829	2.191389	2.194317	2.413323	1.712302	2.016734	2.777079	2.140351	2.731767	1.952853

CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_11
0.596745	0.3665	0.440909	0.114295	1.928467	0.8395	0.97046	0.203813	0.38819	0.511356
1.355128	2.481368	1.767741	1.442043	2.231433	1.703551	1.156929	1.518686	1.698854	1.591455
5.791493	6.229433	5.875038	3.788048	5.736974	5.857168	5.674944	5.568167	6.319389	5.814458
3.48682	6.24352	5.702216	4.183329	3.297095	4.106854	5.148556	5.920188	4.968167	5.063826
0.816068	0.658994	0.598601	0.639178	0.916361	1.62122	0.697727	0.916361	0.744548	1.089034
7.049234	6.730593	7.003324	7.062207	7.625676	7.068431	7.274541	6.874515	7.030781	7.299242
5.856518	5.990974	5.760414	5.291536	6.069046	6.06006	6.050588	5.219726	6.232676	5.608251
0.659966	2.628622	2.343785	0.779898	0.498282	1.554838	0.119091	0.560013	2.47136	0.659966
0.219163	0.186599	0.470959	0.197547	0.175555	0.071566	0.059466	0.107188	0.095425	0.083552
5.651516	5.490245	5.572089	4.363784	5.497675	5.698161	5.761328	5.217044	5.782458	5.624547
5.31135	5.032814	4.799346	4.932427	4.84364	5.572493	5.054846	5.320028	4.707614	4.671782
3.316728	3.099969	2.774312	2.110347	3.248194	3.532506	2.708978	2.662423	3.345198	3.002799
2.087434	2.441305	2.231841	2.159764	2.553944	2.881019	1.748249	2.237815	2.410919	1.855307
2.633662	4.192814	3.832821	3.086597	2.898148	4.578418	3.45781	2.921563	3.954231	3.794105
5.172707	4.03943	4.240403	3.313392	5.437269	5.613266	5.10829	5.039398	4.38947	5.931345
3.402785	2.927251	2.895101	1.825171	3.732225	3.166773	3.461037	3.927499	3.399187	4.049624
0.869534	0.757317	0.601863	0.285284	1.256744	1.701385	0.824629	1.986751	1.039062	1.611789
7.869489	8.166436	8.814182	9.688501	8.506392	8.128516	8.771336	8.482088	9.019417	8.53455
5.716907	3.689056	3.549884	2.869527	5.800891	5.206808	4.399927	5.133445	3.845421	6.843115
3.998798	3.404863	3.151539	2.225344	3.604649	4.368225	3.745906	3.990677	3.922363	4.011941
3.284902	3.088349	2.854241	2.287708	2.924434	3.161361	2.862284	3.508964	3.257027	2.961435
3.907663	2.963261	2.859272	2.271359	4.076023	3.292841	2.848323	3.649562	3.154556	2.722016
2.93451	2.902352	2.833188	2.319529	2.961296	3.012861	3.02121	3.269869	2.940523	3.37231
0.020101	0.672979	0.4518	0.662091	0.039491	0.104796	0.786169	0.058547	0.224859	0.966274
3.09048	3.811951	3.591643	2.701434	3.357713	3.670806	3.532703	4.024525	3.934538	3.614528
3.81252	2.296166	1.983075	1.556741	3.32399	2.543718	3.164093	3.547904	2.31002	4.161321
1.40525	1.090661	1.079497	0.596712	1.085091	1.387659	0.866899	1.697575	0.683033	0.840242
5.53819	4.565321	4.24887	4.044927	5.26913	5.90817	4.815275	5.755328	4.628342	5.388611
2.286476	3.717765	3.1038	2.045945	2.955228	3.134193	1.947375	4.606032	3.712756	3.689704
4.589295	4.031738	4.179768	4.158651	4.866748	4.352962	4.386946	4.61254	4.349542	3.974679
1.304471	1.916835	2.419337	2.441847	2.365237	2.589305	3.204165	2.919343	1.946278	2.492893
5.213897	5.117351	4.420411	2.662889	5.343475	5.257698	4.114947	4.302448	5.611187	4.695397
5.073067	4.935718	4.715661	4.975211	5.472993	5.536046	5.186386	5.623208	4.809524	4.163925
2.095168	2.449773	2.885093	2.881328	2.436306	3.812977	3.414562	1.990782	2.854639	2.993015
1.503827	3.204251	4.312275	4.149715	1.480806	2.844237	2.588539	0.796832	4.878131	1.074386
2.33923	1.492283	1.454774	1.421586	2.385007	2.211663	2.254948	2.866046	1.607306	2.73797
5.602007	5.789301	6.252375	6.541169	5.399675	5.47246	5.832387	5.575747	5.892894	5.155713
3.63938	4.078696	3.978509	4.061269	3.848704	4.122873	4.058826	3.927619	4.28691	3.951206
4.300148	4.694294	5.252703	5.069305	4.278025	4.875879	5.35374	5.410071	5.661018	4.95317
0.063859	0.078608	0.018737	0.018737	0.033927	0.093216	0.093216	0.4993	0.063859	0.245302
0.731182	0.922606	0.366161	1.870877	0.066986	0.066986	2.845285	1.798413	1.173139	-0.00069
2.216263	3.223567	3.403162	3.569534	2.333568	3.136161	2.130724	1.563322	3.881334	2.038955
2.414621	2.166552	2.501796	4.328502	3.004889	2.2039	3.571386	3.480471	2.594733	3.690334
1.817499	0.546102	0.705365	0.599274	1.349463	1.141423	0.43153	1.136842	1.422944	0.387596
0.474228	2.406473	1.895031	0.774464	0.46589	1.897605	0.800138	1.07716	2.775142	0.831485

9.688461	10.84308	10.78247	11.0081	10.95416	10.08843	10.85171	10.96949	10.59091	10.07148
6.2577	6.704108	6.094989	3.52334	5.966242	6.77545	5.562596	4.355702	7.356028	4.673069
3.631486	4.318614	4.842105	4.150475	3.549003	4.488186	4.380279	3.218642	4.955538	3.303496
1.386609	0.551538	0.465545	0.140799	1.660847	1.696987	1.482434	1.598884	0.465545	2.059867
0.306061	0.959037	0.471389	0.223045	0.765108	1.043155	0.630934	0.575907	1.21293	0.641698
0.88154	0.516418	0.669356	0.038574	0.838354	0.628639	0.833449	1.113874	0.361552	0.628639
2.099944	1.678276	1.465597	1.057722	2.149984	2.410892	1.851924	2.314094	1.97106	2.222075
4.707467	4.652743	4.713226	4.04296	4.31845	4.773275	4.802908	4.740326	5.094273	4.502101
4.590191	4.254323	4.205671	2.638534	4.325575	4.494997	4.394302	4.286255	4.419163	4.455963
0.226379	0.213137	0.186298	0.029448	0.364825	0.029448	0.029448	0.029448	0.029448	0.278211
0.348256	1.105355	0.429866	-0.14724	0.559056	1.920921	1.200196	1.084627	1.56226	4.556411
7.842368	7.43112	8.318258	8.938836	8.231371	7.876578	7.684342	7.3413	7.464891	7.87995
9.294335	8.585016	8.927776	8.480873	8.983654	8.954871	8.961961	8.925248	8.749486	8.913476
4.340289	4.698528	4.944707	4.317486	4.275612	4.680839	4.794017	4.805878	4.932311	4.1669
1.771891	1.502659	0.602627	0.462782	1.605131	1.591654	1.069732	1.347413	1.478119	2.071016
5.834631	6.33452	6.996487	7.748663	5.623287	5.566165	6.284481	5.520201	6.130351	5.873442
2.135063	2.953975	2.161324	2.314392	2.883571	1.30183	1.702544	1.385711	1.251847	1.969813
4.25753	3.254745	3.047994	2.270552	3.876222	3.635212	2.717269	2.648712	3.457824	4.571346
0.455224	1.706819	1.364564	1.008431	0.662078	1.061498	0.933449	0.431007	1.425791	1.102185
7.366719	10.28346	10.79331	11.79419	7.603965	8.743327	9.790832	9.807607	9.619372	9.452315
3.21289	2.600491	2.221446	1.928303	3.115555	3.272628	2.623106	3.386902	2.626827	3.810989
3.978692	3.136436	3.128957	3.270003	3.924036	4.287868	3.847538	3.883049	3.619897	3.933358
0.946701	1.125405	0.513455	0.551023	0.971794	1.573305	0.767252	2.407112	0.392016	0.7521
5.877307	5.475276	5.187937	4.25039	5.224641	5.151468	5.1174	5.694747	5.527439	5.455572
3.755833	4.053619	3.861952	2.777473	3.627554	3.9106	3.20862	2.700647	4.209318	3.239351
1.475378	1.782513	2.212917	3.306045	2.966851	2.056666	2.407049	1.851847	1.965644	2.667191
3.419293	3.158886	3.188905	2.746095	2.985344	2.757985	3.470256	3.692686	2.887023	3.551888
4.039112	5.856018	5.651991	4.008559	4.244196	5.256266	4.071896	3.270197	6.507791	4.07939
4.493455	6.217966	6.678729	5.999114	5.005791	5.013302	4.235831	4.48662	6.810467	2.805944
2.287277	3.924475	2.951889	2.124926	4.32371	4.792468	3.27568	3.581872	4.471537	2.618309
3.474728	3.362837	3.831262	4.605603	3.017404	2.539425	3.674475	3.097449	3.019681	3.887712
2.680332	2.099655	1.648774	2.143691	2.986058	2.868065	2.905606	3.020173	2.160869	3.744502
2.929812	2.160371	1.994762	1.776857	2.741713	3.022906	2.375268	2.867304	2.449323	2.896843
3.229803	3.486853	2.856256	1.647545	3.273711	3.915986	2.727287	2.892276	3.866315	3.752807
2.373379	2.209682	1.980229	0.896311	1.991802	1.912048	1.141523	1.006294	2.727118	1.717651
4.555304	4.010124	4.72107	4.189276	4.196055	4.389743	4.355517	4.966379	3.581694	3.808462
7.758573	7.936197	8.367594	8.918748	7.735764	7.431821	8.177296	7.709371	8.048262	7.11584
0.87899	1.175705	0.848117	0.538891	1.228511	1.491363	0.848117	1.439211	1.157589	1.623326
5.638818	5.15268	5.876745	6.251781	5.539787	5.167244	6.1258	5.818067	5.188294	5.537872
0.548956	1.525971	0.964959	1.569272	0.952613	1.076785	0.406368	1.603664	0.715242	0.214008
4.00935	2.951117	2.953522	2.201483	3.819062	3.88736	2.971382	3.793315	3.086136	4.328385
3.255775	3.235554	3.359371	3.582117	3.290651	0.732358	5.333348	5.169278	1.601412	5.315216
2.781066	1.527717	1.141735	1.64445	2.492892	2.489042	1.793287	2.725683	1.912764	1.851228
3.447443	2.913545	2.876503	4.078198	3.16184	2.971655	3.239243	3.125797	2.867484	3.392815
4.052142	4.618907	4.117913	3.798241	2.817273	4.174628	3.937786	3.3901	6.073105	6.321868
0.391578	2.84279	0.423482	0.454663	0.051625	0.207691	0.964217	0.157609	0.207691	0.219932
2.965473	3.307582	3.579574	4.926065	3.842639	2.232939	4.181715	3.262448	2.976301	3.094857

0.197575	0.348621	0.56449	2.050565	0.14939	0.874286	0.895053	2.246512	1.254674	1.221235
3.444601	3.556496	3.243122	2.561793	4.153713	3.877327	4.437943	3.697806	3.034013	3.968799
2.978155	2.612928	2.599532	2.843629	2.292918	2.374718	2.868229	2.832136	1.948343	2.749549
3.778147	4.143733	3.79781	3.641814	3.559094	4.254646	3.533981	4.254646	4.275793	3.448829
2.455444	3.350201	3.031124	1.383742	3.781607	2.97981	3.334645	3.505627	3.878198	2.529014
6.422179	4.957103	5.158773	3.848131	6.611087	6.029586	5.869362	4.158435	5.450308	4.491093
2.85771	3.233158	2.15687	1.235746	3.480353	3.263464	3.391774	3.189657	3.291574	3.353271
6.718298	5.445756	6.442779	7.64677	8.064035	7.043761	6.535177	6.582293	6.314654	5.473153
1.526038	3.366625	1.697973	1.398668	1.930432	2.857582	2.299676	2.021881	4.669356	2.143678
2.383337	1.915461	1.984702	1.837054	2.433667	2.841867	2.217955	3.274861	1.858817	2.53466
3.697721	2.636424	2.386691	1.695821	3.177785	3.57863	3.059434	3.038056	2.839998	3.632869
0.072671	0.103917	0.103917	0.862826	0.194105	0.306858	0.194105	0.072671	0.164612	0.072671
8.435188	8.75396	8.811934	8.08782	8.99415	8.553422	8.542251	8.236502	8.957281	8.667634
4.694526	4.551256	4.582415	3.575896	4.548007	4.384708	4.339011	4.48937	4.882018	4.471245
2.872455	2.620124	2.905842	1.778394	2.656787	2.75866	2.702659	3.436241	2.806583	2.540995
0.5319	1.451334	0.672478	0.570829	0.938566	0.716289	0.481622	0.580389	0.931222	0.953137
4.078292	3.893524	3.954208	2.565112	3.953619	4.632105	4.270266	4.126762	4.327195	3.792655
2.336854	1.14464	0.774218	1.031456	1.378493	1.229176	1.81626	2.204346	1.426994	3.852704
2.662373	2.695099	2.512063	1.640464	2.791172	3.045864	2.165324	2.889156	3.708596	2.204846
3.292468	2.591819	2.326565	1.504095	3.048928	3.644696	2.731546	3.286543	2.679976	2.950663
0.272287	0.639912	0.478265	0.047664	0.023927	0.588392	0.212247	0.011882	0.6181	0.116205
0.062618	0.040664	0.029523	0.029523	0.040664	0.062618	0.08415	0.051695	0.136234	0.051695
4.641477	2.967725	2.703365	1.897511	4.356212	4.075557	3.180285	4.933749	2.155245	2.680606
4.693858	3.237595	4.057546	3.359458	4.801172	2.455191	3.241228	2.086259	2.883641	3.870993
2.75491	2.001607	2.289726	1.537573	3.65944	2.659539	1.892144	2.473592	2.244218	2.927619
3.574614	2.642503	2.113311	1.499248	3.262198	3.051348	2.76597	2.871452	2.688075	3.122006
3.615689	3.659625	3.325379	2.711055	4.064164	4.120199	3.713444	4.207193	4.079143	4.461643
7.358773	6.991957	7.344643	6.769905	7.104917	6.887752	7.29183	7.370527	7.223065	6.662127
0.03176	0.01857	0.01857	0.192252	0.271243	0.01857	0.01857	0.01857	0.057751	0.01857
0.985752	0.685158	1.289499	0.941335	1.516108	0.498663	0.883506	1.293773	1.85542	1.129889
3.402485	2.330739	1.459036	1.621041	3.410706	3.187254	2.137977	3.049388	1.979312	2.952939
6.464039	7.714492	7.627418	5.754343	7.229593	7.590582	7.169074	7.168708	7.73075	6.625269
0.048193	0.147642	0.009424	0.019258	0.189766	0.20613	0.048193	0.067027	0.139	0.094629
0.606021	1.189924	0.721629	0.575581	0.267413	0.828504	0.254604	0.133784	2.676852	0.365916
4.138999	3.182273	3.075657	2.938493	4.545917	4.216413	3.606693	4.0267	3.658402	4.543308
5.261688	6.547827	6.559656	6.426641	5.657499	5.746301	5.69799	5.464552	6.095804	4.597718
5.238307	5.717893	5.873564	5.658986	5.014321	5.212909	5.29193	5.208191	5.451322	4.427394
4.615859	3.961994	3.817315	3.832819	4.402422	4.419306	3.919405	4.407926	4.426079	4.406553
4.306099	3.455848	3.214787	2.206817	4.16612	4.544653	3.522796	3.808701	3.756639	4.332251
0.59832	1.308314	0.5069	0.899154	1.007632	1.43629	1.151098	1.025304	1.039241	0.834405
4.972643	5.88298	4.865594	3.476325	4.734122	5.103548	3.977704	5.446041	6.703638	4.854182
0.004922	0.067398	0.087439	0.097321	0.036615	0.077465	0.004922	0.036615	0.015591	0.026154
6.306359	5.988671	5.398598	3.785098	5.336566	5.601686	5.465942	6.583465	7.31994	6.414072
4.303807	3.98921	3.866503	2.619564	4.09915	4.418191	4.071213	4.303807	4.471789	4.189171
4.72917	3.811544	3.563772	3.123623	4.646894	4.645543	4.171256	4.976117	4.163449	5.057589
2.805189	2.424824	1.703027	0.973142	2.968606	3.548916	2.354736	3.4482	2.386956	3.29655
5.006432	5.246591	5.369459	5.241791	5.33664	5.102739	5.557964	4.815454	5.29597	5.840689

2.249798	1.693468	1.727837	1.768628	1.638102	3.30228	3.707248	0.801583	2.196037	2.206453
0.025018	0.778806	1.026025	0.127483	0.261689	0.318949	0.048549	0.001022	0.346595	0.025018
4.449723	2.556185	2.906216	2.397719	2.794047	4.623142	4.26339	4.295521	2.479584	3.879048
0.232732	0.293357	0.232732	0.468347	0.579686	0.232732	0.352806	0.552228	0.323226	0.323226
0.035338	0.424633	0.156075	0.130121	0.255374	0.231195	0.156075	0.103682	0.359339	0.035338
6.189036	6.779263	6.930986	6.145623	6.19082	6.023463	6.40833	6.293619	6.702332	6.936011
4.308797	3.129183	3.243052	2.444294	4.035059	4.315712	3.130659	3.662011	3.124742	4.109636
2.507062	2.93266	2.451674	0.923717	2.825155	2.892504	2.411412	3.359211	3.506589	2.461947
1.159327	1.253807	0.955389	0.723707	1.903423	0.987671	1.354077	1.769679	1.491462	1.087429
6.212936	7.141837	6.920235	6.558306	6.942327	6.909393	7.074786	7.221742	7.536931	7.503006
0.141019	0.089561	0.000439	0.000439	0.036611	0.036611	0.036611	0.036611	0.174536	0.40804
1.08949	1.689144	1.481782	0.911028	1.827449	1.367365	2.068226	2.049805	1.709228	3.464304
2.907392	1.802566	2.361046	3.299281	2.847405	3.402176	2.894866	3.166237	2.135947	2.249304
6.565487	6.397199	6.337071	6.653051	6.602357	5.96164	6.18097	7.025676	6.359494	5.759539
0.187865	0.49491	0.446802	0.114356	0.376368	0.33437	0.577327	0.926438	0.629551	0.834685
0.126742	0.149979	0.078962	0.103075	0.126742	0.371416	0.138413	0.206286	0.103075	0.126742
4.727066	3.721828	3.917672	2.449658	5.114133	4.973156	4.632513	4.478555	3.99551	4.462948
5.405229	6.348823	6.116212	4.159819	5.684859	6.457646	4.931316	4.473923	7.027913	5.253363
0.094268	0.022728	0.070877	0.553688	0.047036	0.128547	0.094268	0.139766	0.034942	0.070877
10.02072	9.478702	10.38214	11.14502	9.74841	10.20267	10.60421	9.911605	9.472566	9.303403
4.946858	4.135895	4.085069	4.569108	4.782117	4.710858	4.782414	5.059494	4.103993	4.47228
1.911696	4.683147	1.796591	1.225724	3.134925	1.575924	1.189031	0.345562	1.580607	0.594852
6.990008	7.236062	7.34691	8.908996	6.261789	6.081935	7.021172	8.002837	7.496297	7.788434
3.901922	3.641549	3.2852	1.85388	3.779052	4.158758	3.572691	3.824767	3.752402	3.620363
3.431202	3.380477	3.14654	2.435448	4.101933	3.792999	3.332127	3.985582	3.658763	3.939983
1.6169	1.455276	0.97858	1.902299	1.701821	0.958524	0.943247	2.495531	1.166106	1.691212
0.175715	0.261271	0.116116	0.006351	0.146184	0.219046	-0.0264	-0.0264	0.302444	0.006351
0.823506	1.672061	0.805928	0.34285	0.637604	0.724149	0.770137	0.932952	1.505119	0.751912
5.357153	4.861927	4.811521	3.537078	5.479639	5.729123	5.352853	6.008672	4.989016	6.120932
3.041891	2.576726	1.705895	0.69301	3.444241	4.754643	3.101685	4.01222	3.493341	4.603287
2.878771	1.903864	2.864347	4.537731	1.669936	2.273489	3.086251	3.435499	1.096957	2.311342
4.500357	5.265088	5.952129	5.61974	4.44462	5.769464	5.670928	5.177974	6.381426	5.237685
1.427221	1.69273	0.550952	2.470964	0.647707	1.211655	0.380987	0.479079	0.26342	0.26342
4.489088	5.510953	4.57332	2.632098	4.992804	5.448135	5.435928	5.487114	5.581315	5.640911
2.451046	2.104023	1.936006	3.652859	1.821272	2.006913	2.642059	2.983686	1.776841	1.585223
3.452735	3.528741	3.647014	3.496704	3.239019	3.003537	3.481559	3.521847	3.463589	3.112393
1.930114	0.616944	1.53343	0.56529	0.816239	3.001908	1.327602	2.394662	0.720703	0.8101
1.096182	0.195596	0.32579	0.59637	1.111034	0.919329	0.247362	0.565712	0.163426	0.184969
5.19248	4.425335	4.815916	3.90341	5.234757	4.297402	4.97796	3.820074	4.521963	4.04433
5.78184	5.002068	4.659898	4.113639	5.659998	5.841415	5.417842	5.958203	5.42308	5.750791
0.51391	0.425093	0.748621	0.425093	0.445367	0.683425	1.337684	1.165784	0.465326	0.862619
4.974631	5.451837	5.170117	2.868474	3.474694	4.889443	4.381872	4.534788	7.542241	5.987969
7.253915	6.387147	6.567303	6.553646	7.427273	7.245564	7.107076	7.590342	6.411383	6.393744
0.852159	0.715107	0.812562	0.140595	0.196024	0.228165	0.174139	0.009481	0.601739	-0.01587
2.123105	2.568781	2.869853	3.132253	2.376907	3.098697	2.384012	2.328822	2.776687	2.254909
2.84239	1.544311	1.017859	0.952583	2.37418	1.780157	2.022583	2.614251	2.003659	1.701297
2.272651	2.605073	1.929472	1.120113	2.692759	2.883662	2.790675	2.637569	2.731482	3.049316

4.042507	3.654388	2.732855	2.439074	4.599657	3.605443	3.538642	3.872667	4.097748	3.86286
1.635835	2.914285	2.697784	2.044151	2.465009	1.572396	2.258588	1.554948	3.388179	0.917504
3.173212	2.665715	2.016442	2.072172	3.569329	2.810811	2.05846	1.534792	2.557149	1.871116
3.150768	2.888116	3.006994	2.800076	3.733743	3.865081	3.642469	3.883575	2.99173	3.241678
9.010321	9.914774	10.44259	9.922112	9.854677	9.377786	10.07938	8.85271	9.948476	8.719843
5.139491	4.546	4.75908	3.343099	5.505544	4.354228	4.940083	6.670715	4.501088	4.814346
3.097698	2.395497	1.763901	2.100865	4.082193	2.727354	3.076331	2.635186	2.870415	2.961681
7.481006	7.245231	7.572268	8.825159	8.956436	7.922999	7.076053	6.032357	8.065498	6.745642
5.282382	3.404028	3.765781	3.502726	3.874627	4.317661	4.253674	4.497696	3.321224	3.351363
3.600723	2.725491	2.471327	1.815401	3.022887	3.329636	2.471327	3.059198	2.863496	3.048425
1.357833	3.089804	1.547218	0.633588	0.479254	1.850395	0.005204	0.39657	3.064113	0.806339
3.062043	2.620765	2.552616	1.900153	2.782306	3.270583	2.477103	2.582359	2.794388	2.827894
4.215781	3.889786	3.69864	2.728114	3.93532	4.278187	4.013274	4.118972	3.797454	4.051129
2.852035	2.921186	2.592442	1.985187	2.960211	3.396933	2.782638	3.289008	3.335092	2.997764
1.579749	1.707277	1.129188	0.773628	1.307652	1.654325	1.134847	0.563129	1.727801	0.890756
3.206205	2.324309	2.037785	1.970172	3.507107	3.126921	2.917515	3.392972	2.432668	3.717495
2.227807	1.538412	1.373095	1.038759	1.480822	2.056956	1.253426	2.175187	1.359944	1.564272
3.110439	2.920768	2.74983	2.330817	3.124343	3.278612	2.66997	3.908784	3.087334	2.697185
2.344425	4.490758	6.142646	5.216536	5.820367	3.786602	6.433493	5.240005	5.968819	4.920098
3.816894	3.951771	4.498081	4.801552	4.148085	4.058309	4.496234	4.474126	3.988216	3.576763
1.348513	0.76351	0.699196	0.394433	1.312896	1.5222	1.130564	2.210645	0.674241	1.607302
4.43874	4.419777	4.651376	4.654176	4.356725	4.710216	4.495279	4.856704	4.771746	4.232941
1.410132	2.707062	1.826648	1.423611	2.225027	2.453313	3.500669	3.110978	3.05785	2.587541
4.909554	4.119342	4.03408	4.169255	4.810724	4.699495	4.496945	5.229484	4.34443	4.738597
4.411209	4.184189	4.26929	4.19799	4.686127	4.816586	4.27163	4.209775	4.594761	4.313524
4.416507	4.304828	3.961997	2.791608	4.566429	4.912884	3.798846	4.213964	4.623406	4.142641
3.500561	4.916033	3.993519	3.504523	4.693711	5.419984	4.670939	4.665657	5.372756	4.398126
5.631311	5.458019	6.212847	5.967403	5.252189	5.399927	6.308945	5.94549	5.384743	5.030236
6.084361	6.41926	6.195238	7.163589	7.065727	6.213894	6.429749	5.863903	7.205307	5.336657
5.068084	3.370679	3.908483	2.26437	5.271516	4.86778	4.809426	3.471965	2.857315	3.410368
3.679966	3.337129	3.220986	2.706571	4.167139	4.41814	4.100502	4.273978	3.669097	3.938645
6.240005	5.161018	6.913848	4.971733	5.075463	7.315033	7.144763	5.515441	6.816873	6.962293
2.156715	1.799662	1.671957	1.294766	2.214275	2.430566	1.944655	2.137893	1.970753	2.560693
2.590422	2.739306	2.468431	2.028592	2.890597	2.801463	2.639314	3.384486	2.682034	3.270585
2.366144	2.404834	2.406645	2.438788	2.625898	2.856516	2.812283	3.976734	3.092125	3.109305
1.975297	3.42077	3.890866	5.712181	2.536362	2.255147	3.851042	4.02762	3.179926	2.983339
0.123803	0.405549	0.143627	0.103625	0.201094	0.544681	0.333143	0.133759	0.780162	0.219618
5.409894	4.886874	4.795105	3.919545	5.19797	5.617073	5.22042	4.941039	5.322472	5.175012
4.967203	4.347542	3.951674	2.586795	4.870723	4.355134	4.738753	4.662594	4.260024	4.668981
5.724601	4.754938	4.656248	3.456155	5.689605	5.551992	5.176261	5.268417	5.110355	5.542787
0.190537	1.011411	0.543048	0.324804	0.107247	0.132978	0.317803	0.2965	0.2965	-0.02254
3.440518	2.120058	2.37199	2.859488	0.77831	1.095166	1.091402	1.314193	1.520254	2.471578
4.08054	3.875888	4.208345	4.827309	3.961513	3.603087	4.124746	3.799352	4.072651	3.85238
4.372374	1.991924	2.622944	2.584213	4.423121	2.174219	4.498848	5.834073	2.647241	5.034499
2.304069	2.319145	2.368071	2.390236	2.066136	2.374446	2.189151	2.045392	1.908076	2.039098
3.866375	2.38528	2.136372	1.641164	3.093357	3.470889	2.499788	2.967428	2.823332	3.506221
7.348001	6.276855	6.131381	4.595581	6.929316	7.085584	6.611654	7.264542	6.316465	7.132227

2.398637	2.001356	1.939032	1.446931	2.569139	3.195779	2.205687	2.490126	2.528857	2.841695
0.61636	0.388605	0.665644	0.173909	0.359603	0.284771	0.641187	0.344908	0.458939	1.052977
4.548675	4.709977	4.526955	3.721726	4.549767	5.016441	4.230291	4.700648	4.891883	4.983627
3.985086	3.056999	2.590185	1.85234	4.15167	3.718859	3.267956	3.924551	3.134648	4.287957
0.995882	5.068874	4.666297	2.351733	1.963575	4.106398	0.704164	0.69535	5.813268	0.915449
2.102405	1.750927	1.695931	1.16721	2.179503	1.764284	1.754281	3.400258	1.965215	2.918326
0.382826	0.36022	0.098724	0.071166	0.139101	0.203988	0.125767	0.5718	0.703413	0.043073
4.881311	5.002566	5.300037	5.15907	6.093081	6.177041	5.845712	5.339801	5.583455	5.468655
4.103896	5.144119	5.360424	7.124808	5.275701	3.834108	5.105707	6.277671	4.89637	4.864112
6.133734	5.790444	5.86397	5.129181	6.223587	6.192899	5.997707	6.495975	6.177947	6.338106
5.819884	5.400057	4.719445	3.950508	5.845901	5.938947	5.323065	5.437696	5.907262	5.049174
2.80073	4.124524	4.621826	5.727975	3.53704	3.853874	4.226615	4.107189	4.43811	3.401271
3.260557	2.337448	2.018293	1.520813	3.169774	3.444921	2.855357	3.420302	2.354729	3.779739
3.722442	3.580296	3.28668	3.163088	3.607412	3.414619	3.44048	3.126409	3.600955	3.270119
0.049712	0.433975	0.17175	0.228668	2.696186	0.250744	0.375764	2.118145	1.307196	0.17175
-0.04705	3.372774	3.61569	3.072478	0.394624	2.052298	-0.00477	0.036007	3.17933	0.701922
1.283016	0.475355	0.409192	0.628074	1.137814	2.086398	1.462541	2.238274	0.684718	1.488594
1.226048	2.827543	2.812715	5.042832	0.925655	1.005909	4.374979	4.504029	2.454513	5.98522
6.8536	6.272151	6.499139	6.641893	6.41722	6.831474	7.235151	7.278385	6.494876	6.652508
3.201965	3.48489	3.492047	3.901307	3.577667	3.712902	3.561086	3.650257	4.015791	3.090019
3.737973	4.543022	4.142994	2.994227	4.283355	4.919856	3.993984	4.880933	5.134861	5.576516
4.499219	3.289153	2.971533	2.926559	4.421882	4.079558	3.313206	3.890662	3.585405	5.021819
3.869578	3.262611	3.628038	2.583069	3.738953	4.265081	4.483863	3.949316	3.363782	3.011402
2.643983	3.048805	2.667876	1.290158	2.913929	3.702333	3.050404	3.800589	3.641182	2.492958
3.604778	4.598908	4.927283	5.16309	5.744698	5.270653	4.626282	3.383343	4.801162	3.058227
5.739503	3.422873	2.532431	1.60639	4.342844	3.521513	2.791774	1.263107	4.004924	4.886142
2.627207	2.170664	1.900423	1.816683	2.457783	2.885786	2.194317	2.254054	2.354419	2.446259

CGGA_11	CGGA_11	CGGA_11	CGGA_11	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12
0.310666	1.102218	0.140496	0.596745	0.9066	0.481622	0.641905	2.230402	0.614994	0.333283
0.32719	2.69426	0.729047	0.32719	0.603797	0.918951	1.999213	1.76325	1.407904	0.747384
5.332018	5.664983	5.888283	2.646151	5.664698	3.339137	5.741916	6.044723	5.483462	5.612168
2.167619	2.512012	7.551794	0.701927	2.667092	0.294412	5.893082	3.616989	2.438111	3.021868
0.858817	1.06779	0.567299	0.513364	1.62122	0.716662	0.875525	0.771839	1.342952	0.892016
7.434427	7.296713	6.939553	4.101054	7.0046	4.687344	7.412427	6.915005	6.936371	7.481298
5.608006	6.085922	6.490367	3.959754	5.81995	4.746777	5.600253	6.192582	5.672351	6.409038
0.930368	0.374659	1.027317	0.560013	1.268539	1.150633	2.467349	1.266002	0.686851	0.338238
0.009871	0.009871	0.271639	0.250909	0.197547	0.695636	0.197547	0.009871	0.009871	0.083552
6.069625	5.420941	5.141088	2.484692	5.854762	2.875638	5.507049	5.608018	5.667656	4.987766
5.530007	5.700151	5.03608	2.592869	4.767734	2.83231	4.760799	4.627851	4.693699	5.701903
3.242845	3.103015	2.684837	1.368697	3.699784	1.598137	3.385988	3.203275	3.93758	2.22027
1.68917	2.651045	2.331269	0.426501	2.138319	1.180711	2.340394	2.140481	1.72374	3.160205
2.594392	3.579735	4.758993	1.128666	2.393657	2.034946	3.410857	2.911084	2.953571	2.907571
4.954796	5.59025	4.299051	3.834404	6.133348	3.617038	4.813983	5.6272	6.855838	5.659284
2.912241	3.442737	3.136531	1.26556	3.492331	1.686797	2.831843	4.245742	3.537626	5.242884
1.322535	1.625017	1.682757	0.528311	1.247685	1.261248	0.561576	1.097416	1.313974	1.692108
7.555394	8.526024	9.143553	5.855049	8.204249	7.066287	8.657272	8.441336	8.107841	8.484553
5.538793	4.87946	3.625002	3.909364	6.553496	4.324608	3.94838	5.486129	6.028274	4.803439
4.266468	4.002466	3.320167	2.31619	4.475349	2.523748	3.385748	4.017727	4.474898	4.128046
3.241694	3.070227	2.907718	1.503408	3.066301	1.905725	3.002735	3.287015	3.398843	3.078033
3.362557	3.837636	3.304416	2.244763	3.758764	2.547255	3.14976	3.937834	3.770574	3.263912
2.814722	3.09988	2.744629	1.785109	3.288201	1.49391	2.965693	3.233321	3.182477	3.071244
0.910896	0.333147	0.28803	0.564931	0.552917	0.715493	0.149188	-0.02992	0.272573	0.564931
3.146054	3.493446	3.594533	1.406067	3.402768	1.348497	3.560756	3.67745	3.708718	3.445811
2.52087	3.297292	2.757961	2.1558	3.396531	2.893948	2.190575	4.109467	4.032036	3.172454
1.493906	1.694077	0.414166	0.266146	1.347191	1.342615	0.620826	0.90589	0.749649	0.986579
5.187586	5.276092	4.747772	3.34138	5.066835	3.725127	4.116988	4.969052	5.601729	6.091937
1.973946	2.963328	1.976132	3.623474	2.945246	3.289591	3.691566	3.661393	3.106956	2.937931
5.076097	4.635591	4.173968	4.903004	4.646646	4.362405	4.472461	4.402641	4.360522	4.730449
1.32229	3.865138	1.750179	0.908703	1.217908	1.152322	2.393857	1.68948	2.632804	3.108645
5.81677	4.84414	3.738362	2.309251	5.182659	1.767224	4.103209	5.433564	5.37726	4.020849
4.694102	5.664234	5.123225	2.576353	4.973507	3.927414	5.003464	4.928292	5.610569	5.33067
3.093812	2.87755	2.844966	1.264189	2.923952	1.797354	2.463093	2.793397	2.557424	3.18107
2.04511	2.578689	2.159651	1.457364	3.16726	3.384466	3.452198	3.237249	1.694335	1.908299
1.798858	2.254948	2.257598	3.351985	2.642953	2.375525	1.653829	2.464695	2.637324	2.270755
5.639502	5.592014	5.901547	2.800259	5.482036	3.081531	6.043239	5.253879	5.154344	5.771913
3.870611	4.377269	4.397626	2.294889	3.762034	3.357366	3.720251	3.454265	3.762684	4.63654
4.243708	4.523483	5.305842	2.6166	4.230812	3.512724	5.432926	4.670405	5.133146	4.335568
0.093216	0.048966	0.033927	0.122019	0.033927	0.178044	0.033927	0.078608	0.078608	0.627474
2.190247	0.259048	1.160028	-0.03602	0.277581	0.088719	0.42448	0.612215	0.171903	0.562552
2.86692	2.466796	2.147359	2.154421	2.31923	1.264067	3.039916	1.945532	2.12593	1.999761
0.711708	3.380435	3.830553	0.461855	0.802508	0.953689	2.528443	2.060744	2.713092	1.783747
1.233546	1.547351	0.628562	0.751634	2.034991	0.606668	0.490281	2.283306	1.540968	1.050998
0.423322	2.186657	1.437456	0.295513	0.629962	0.21594	2.528525	2.122194	0.405868	2.049586

9.043252	11.18553	11.134	6.68741	9.322036	7.346405	10.73263	9.66219	10.59314	10.29402
6.586064	5.926964	4.851172	3.11266	6.539718	2.152555	6.804086	6.535089	5.422497	3.696428
3.983281	3.606176	3.918004	1.080582	4.011539	1.471239	4.114135	3.929872	4.061256	3.119984
2.200803	0.847963	0.656996	0.323094	2.336515	0.820996	0.458079	0.741927	0.930226	2.172627
0.179723	0.794417	0.662995	0.358926	0.422457	0.358926	0.774942	0.851349	1.277136	0.332729
0.876826	1.615261	0.757108	-0.0458	0.927611	-0.0458	1.055234	1.010145	0.932114	0.198836
2.526973	2.37614	1.415358	1.301404	2.862514	1.628972	1.670217	2.097244	2.577995	2.541295
4.443371	4.472127	5.082535	2.163614	4.98225	2.207096	4.812219	4.8137	4.702504	4.829123
4.234208	4.609402	4.120521	1.791099	4.69338	2.344577	3.81208	4.506463	4.618365	4.444335
0.029448	0.513528	0.328314	0.029448	0.029448	0.340583	0.029448	0.364825	0.186298	0.239506
1.19257	1.329851	1.664943	0.301313	0.803554	0.609587	0.519726	1.356873	0.148481	3.814893
4.409403	7.865749	9.542905	3.552451	7.333376	5.431675	7.98785	7.206123	8.228504	8.182579
8.654449	9.075631	9.196568	5.267745	9.224932	5.582584	9.171013	9.188506	8.973579	8.930297
4.796571	4.105392	4.610437	1.043603	4.190198	1.238734	4.909346	4.654087	4.481929	4.888966
1.711996	2.345604	0.781889	0.582129	1.267597	1.483067	0.790632	2.043262	2.030721	2.41193
5.777981	5.573073	6.660606	2.389289	5.393504	3.05987	6.689312	5.405647	4.985169	5.895067
-0.36657	4.795948	2.329097	-0.36657	0.171617	0.77018	1.688983	1.7626	0.422559	2.490464
4.394835	4.401367	2.849416	2.485931	4.220396	3.222182	2.572906	4.002105	3.422792	4.186398
0.237445	0.335137	0.701084	0.244718	1.536655	0.960278	1.004801	1.490835	0.819085	0.138254
7.183325	8.595769	11.63773	4.341959	6.932913	5.881089	11.56266	8.246872	8.066825	9.532824
2.775152	3.014255	2.745849	2.446447	3.557942	2.377632	2.641576	3.298837	3.948289	3.22944
3.899649	4.286018	3.488433	1.869404	4.382954	2.53754	3.277778	4.032868	4.265429	4.600745
1.647863	1.84982	0.370349	0.413249	0.563255	0.62238	0.72113	0.645135	0.816244	1.275145
5.369429	5.654434	5.004487	2.573054	5.198608	2.786846	5.212921	5.809449	5.706593	4.832809
3.685144	3.100409	3.053273	2.423672	3.951705	2.063703	4.203595	3.719687	3.93331	3.103954
1.163814	2.913593	2.169701	0.473326	1.80157	1.163814	1.276715	2.13317	2.612735	3.530595
2.814426	3.009142	3.415352	1.276405	2.78764	1.368585	3.426014	3.235708	2.993054	3.270103
4.177476	3.688058	4.658387	2.269333	4.231153	1.626029	5.710365	4.751798	4.167823	3.475397
2.106979	5.296142	7.014789	1.82836	4.13138	2.665817	6.186149	4.65637	3.99878	5.132918
0.907513	3.924475	3.834934	0.628491	1.40491	2.164992	3.391941	2.065962	5.252291	0.974994
0.894452	3.633466	5.119277	0.827837	2.04649	1.348466	3.792505	2.949149	2.864349	3.568447
2.900977	3.455523	2.053962	1.609141	2.761021	3.223029	1.82398	3.333508	3.963368	3.722289
3.043358	2.888069	1.729025	1.512259	3.332384	1.81852	2.136538	2.859787	3.375644	2.808772
3.628568	3.152349	2.899707	2.794742	3.623884	2.892276	3.473967	3.49005	3.38266	3.280208
2.235172	1.748957	2.499731	0.865891	2.983416	0.59312	2.135832	2.799657	1.802685	2.256101
4.224126	4.344029	4.540433	2.086609	3.527353	2.534655	4.70285	3.861056	4.08124	5.052315
7.586024	8.012882	8.671425	4.735544	7.307756	4.868466	8.194984	7.539363	7.294742	7.831719
0.871344	1.239945	0.800309	0.366805	1.20532	0.445058	1.10159	1.239945	1.589492	0.909111
5.41247	5.409661	6.347288	3.484663	5.389284	3.44982	5.974077	5.326128	5.318258	5.343187
1.464517	1.964034	2.09215	0.277861	0.406368	0.41575	1.048271	0.565735	0.497289	1.001316
3.274744	3.739759	3.184374	1.790788	3.958867	2.039525	2.759364	3.963283	4.095605	3.653669
3.980821	5.399868	2.600465	0.484453	2.483208	2.701512	3.429051	3.036803	4.274999	1.107713
3.372368	3.202911	2.069065	1.263231	2.620248	2.71778	1.612268	2.298924	2.492892	3.292645
3.713715	3.545912	2.634787	1.011765	3.134227	2.160721	3.134926	3.009444	2.699658	3.750956
5.045455	5.193617	3.308656	2.579052	5.351119	2.246062	5.822187	5.953315	3.999602	4.833461
0.051625	2.366305	0.423482	0.051625	0.219932	0.98535	0.118815	1.274347	0.572773	0.402295
1.593181	4.160815	3.678631	0.615654	1.827487	1.163607	3.033364	2.409702	2.833304	2.991015

0.244376	0.304758	0.4192	0.551804	0.14939	0.213325	1.442072	0.197575	2.469243	0.244376
2.944533	5.759531	3.611344	2.061069	2.628109	2.52869	2.968489	3.950658	3.503078	3.900344
2.776354	2.316145	3.243861	0.771915	2.131681	1.328948	2.803907	1.809157	2.773488	2.541567
4.591233	3.933182	3.644448	2.256505	3.761098	2.952569	3.866733	3.344697	4.182209	4.367338
3.411407	3.571295	2.823343	1.610613	3.262671	2.280814	2.578785	3.55462	2.7244	3.394362
5.731417	6.195843	5.419677	4.221657	6.709269	4.840446	4.666709	7.336712	6.526222	5.621453
1.348192	5.225472	2.318059	0.756569	1.512038	2.256951	1.515354	2.649284	2.617826	3.47429
5.727987	7.853871	6.41047	4.367908	7.131555	5.680703	6.325988	6.790285	6.939207	7.36695
1.762979	3.444731	1.987961	0.923188	1.806949	2.706816	1.600162	5.135736	2.416516	3.526769
2.193004	2.462278	2.349787	0.512622	2.152817	1.034665	2.024198	1.986616	2.889895	2.532362
3.092802	3.127185	2.611304	1.870339	3.98952	2.05306	2.12439	3.727038	3.910068	3.247806
0.103917	0.265514	0.072671	0.103917	0.103917	0.424761	0.179427	0.179427	0.279416	0.072671
8.06873	8.587867	9.165626	5.307796	8.461782	6.306751	9.364379	8.527119	8.355772	8.312658
4.755017	4.612887	4.239262	2.54236	4.94704	2.987898	4.353158	5.159206	4.6857	4.94427
3.228525	2.861719	2.237764	1.585379	2.764511	1.404353	3.174064	3.048059	3.270414	3.141615
0.364009	1.71969	0.681354	0.120074	0.460979	0.330089	0.847706	1.11038	0.758735	1.233758
4.898914	4.111374	3.373519	2.68305	5.523433	1.637586	3.592806	4.917418	4.685078	4.49898
1.302527	2.696158	2.228435	0.448926	2.308087	0.764797	0.991656	2.308087	0.967236	4.447667
2.892489	2.703121	1.982202	1.488746	3.096284	2.076585	2.711082	2.609805	3.176911	2.928469
3.24287	3.129184	2.774928	2.52295	3.562957	2.982863	2.472684	3.278191	3.65647	3.235411
0.357108	0.105048	0.419201	0.023927	0.170499	0.011882	0.588392	0.170499	0.222463	0.011882
0.029523	0.186003	0.105275	0.11569	0.029523	0.051695	0.105275	0.040664	0.062618	0.029523
1.840874	4.169199	3.224817	1.133925	3.590653	1.919436	3.027204	5.197748	4.210614	4.424859
2.889734	3.861834	2.837573	0.811366	3.858041	0.903776	3.630516	4.698716	3.045657	0.733414
1.380776	3.345396	1.786103	1.591057	3.090748	2.182678	2.253443	3.573662	3.847825	2.465753
3.541226	2.959342	1.88976	1.305055	3.845132	1.320138	2.585632	3.306379	3.754295	2.578602
3.860421	3.979798	3.424395	1.55554	4.238266	2.284225	3.395563	4.044074	4.094569	3.69087
6.60008	7.170086	7.383567	3.450206	7.021658	4.070185	6.952355	7.422364	7.251633	6.907049
0.01857	0.095807	0.303706	0.01857	0.144907	0.01857	0.083243	0.083243	0.044819	0.057751
0.561409	1.900952	2.251993	0.082921	0.482474	0.269911	0.804109	1.479844	0.739422	2.426224
2.875506	2.971422	2.336108	2.590997	3.895257	3.199693	2.011591	3.614626	4.201346	2.830081
6.043342	6.814428	6.774805	3.278427	6.64919	4.362371	7.796514	6.543795	7.261184	6.670112
0.15621	0.067027	0.009424	0.019258	0.038641	0.028997	0.038641	0.067027	0.112614	0.103662
0.280107	0.365916	0.254604	0.43554	0.523346	0.412711	0.305159	2.088937	0.776075	0.377761
4.592268	4.477995	3.510726	3.111019	4.662901	2.946198	3.159768	4.345877	4.616854	4.318149
5.424725	5.841429	5.817647	3.772683	5.309961	3.578643	6.194756	5.28688	5.152435	5.427518
4.612887	5.360234	5.952165	4.080406	5.45242	4.40595	6.001223	5.247464	5.050537	5.502535
3.983025	4.682074	4.606341	3.022613	4.225253	3.679475	4.266573	4.883559	4.532829	4.768906
4.017395	3.961867	3.538592	3.068143	4.562547	3.483391	3.295932	4.526441	4.374241	4.061366
1.374154	1.656825	0.55624	0.92633	1.053004	1.535608	0.484244	1.135342	0.653681	1.865427
3.84459	7.697651	3.576447	2.08009	3.631595	3.640272	3.530187	6.597436	5.135382	5.434917
0.036615	0.026154	0.026154	0.004922	0.015591	0.004922	0.046974	0.015591	0.015591	0.004922
5.115961	6.88573	5.346076	4.511692	4.967195	5.810837	4.850995	6.810968	6.347081	7.824804
4.236801	4.078742	4.004316	2.327323	4.48048	2.751496	3.552787	4.447538	4.514722	4.479738
4.597096	5.1352	4.119816	2.855377	4.74365	4.533857	3.548565	5.038503	4.929969	5.209601
2.835527	2.943689	1.565244	0.707101	3.364976	2.220844	2.299111	3.033358	3.767516	2.786902
4.910192	5.139389	6.3079	1.749897	4.720237	2.516735	5.364804	5.912511	4.31524	5.113366

3.152762	1.558917	1.554612	0.382883	1.35928	0.618253	1.772273	1.456014	1.085904	3.745257
0.001022	0.048549	0.127483	0.001022	0.251877	0.060145	0.476089	0.116516	0.071631	0.001022
4.82442	4.388564	3.770097	2.886426	5.052966	2.796006	3.156364	3.559864	3.938287	5.042908
0.382102	0.687117	0.263195	0.323226	0.263195	0.232732	0.263195	0.323226	0.293357	0.352806
0.243337	0.206596	0.231195	0.063073	0.255374	0.021264	0.424633	0.116963	0.359339	0.021264
5.587089	6.921836	8.490157	3.380574	6.271264	3.594082	6.902183	6.62763	5.844922	6.697884
2.372747	3.717541	2.519206	2.601276	3.94517	2.605927	3.202172	5.192927	5.351176	3.473022
2.393453	2.28927	2.750928	0.783837	2.761459	1.726015	2.744297	2.77319	2.238567	3.800274
1.003519	1.260303	0.8535	0.430182	1.227498	0.817705	1.317366	1.341954	1.834068	1.692679
6.027629	6.841932	7.09063	3.559101	6.206581	4.144204	6.776257	6.937908	6.893023	6.946368
0.000439	0.141019	0.000439	0.000439	0.000439	0.393369	0.036611	0.000439	0.036611	0.089561
0.688184	2.089951	1.99856	0.195753	0.911028	1.291461	1.114667	1.596955	1.481781	3.069369
2.711034	2.959085	3.386186	1.314937	3.078583	2.061182	2.763734	2.340371	2.98114	3.039947
5.140665	6.337213	8.287173	2.529853	5.347387	3.384593	6.41735	6.116899	6.312563	6.387999
0.049815	0.187865	0.301973	0.049815	0.696123	0.312861	0.290995	0.223143	0.279925	2.925136
0.138413	0.114963	0.078962	0.138413	0.342036	0.041916	0.195222	0.016609	0.16144	0.322067
5.049402	4.318575	3.670063	2.533047	5.548404	3.045615	3.470351	4.435457	4.804734	5.440035
5.121074	5.263627	4.876465	3.419124	5.989182	3.866741	6.045874	5.839115	5.494778	4.318284
0.117225	0.277062	0.070877	0.022728	0.070877	0.1058	0.010393	0.022728	0.059014	0.022728
10.48934	9.77905	10.17353	6.601749	9.584623	6.053694	10.10152	9.165833	9.796969	9.532651
5.052183	4.961964	5.105806	2.963822	4.870328	3.176042	4.606301	4.71054	4.54517	5.268996
0.163449	3.932944	1.182821	0.91597	3.046759	0.475796	0.566032	6.14387	1.237743	1.453434
6.309702	7.605571	10.39811	2.405567	6.017228	4.126227	7.8837	7.493598	5.424353	9.154756
4.351245	4.233328	3.018367	2.242409	4.087434	3.101341	3.208019	3.515204	3.399392	4.0982
3.253755	3.88425	3.32532	1.617789	3.6709	2.426569	3.164783	3.587559	3.879572	4.082656
0.482288	2.087976	1.549548	0.534771	0.691992	1.778402	1.123125	1.338101	1.567504	1.859411
0.432724	0.131218	0.022485	0.553486	0.006351	0.719549	0.038463	0.022485	0.054288	0.006351
0.733461	0.3185	0.647473	0.163374	0.761053	0.203701	1.291724	1.239832	1.019651	1.108795
4.353903	5.688597	5.412025	2.11234	4.808354	2.7548	4.998032	5.040846	5.627233	5.441707
6.402194	3.869915	2.032762	3.137891	3.449914	4.086608	1.708193	3.725359	3.486879	4.997959
1.296218	3.577063	4.277074	0.22565	1.296218	0.835665	2.832469	2.099919	1.854605	3.315329
5.642818	4.23347	5.197401	3.933605	5.043248	2.244059	5.495221	5.427075	5.780473	4.957385
1.044982	2.915212	1.023601	0.12177	1.829461	0.392227	0.12177	3.398197	1.575936	0.380987
4.659304	5.344622	3.791755	3.557344	5.169554	4.045802	4.439315	5.322037	5.264486	5.687783
2.716265	2.028287	3.154896	-0.01229	0.761713	0.076082	2.302517	1.32368	1.17399	2.018844
3.573376	3.436891	3.818249	1.545267	3.175141	1.637909	3.560158	3.145164	3.17108	3.541986
2.061339	1.331604	1.431229	0.954915	1.560164	0.87597	0.652531	0.616944	1.029011	2.818619
2.630428	1.425095	0.316263	0.247362	0.518198	2.209498	0.30666	0.510092	1.826299	0.534247
5.297384	4.760582	4.082728	1.972773	4.907105	2.063404	4.89491	4.943609	4.593427	4.522325
4.708484	5.847083	6.030569	2.706369	5.30693	3.310259	5.231415	6.268142	6.293482	5.623128
0.351511	0.732629	0.362283	0.178064	0.425093	0.414835	0.465326	0.31864	0.683425	0.578989
4.357825	4.900109	3.555942	3.975463	4.500643	5.209238	3.584111	6.973549	5.326739	4.730018
6.171751	7.665757	7.302936	2.919195	7.040154	4.610335	6.561339	7.364282	7.111708	6.882911
1.420119	0.140595	0.249152	-0.01587	0.387155	-0.01587	0.577809	0.450952	0.238702	0.35881
2.017703	2.751604	2.90042	2.229127	2.682502	2.85517	2.732151	2.37548	2.807983	2.624833
0.754679	2.436288	1.335382	0.848277	2.055986	1.244422	1.175442	3.634889	2.137742	1.9089
1.840677	2.845792	3.077115	1.087061	1.636934	1.770254	2.25386	2.54062	2.866139	3.04172

3.720941	4.300561	2.765894	2.577471	3.757627	2.064563	3.618983	4.710512	4.708014	3.98359
0.530246	3.537982	1.602383	0.725773	0.604759	0.798063	2.230016	3.542822	2.415796	3.265215
1.427895	3.121042	2.859158	1.464502	2.289599	1.405431	2.293447	5.105724	3.637389	3.423252
3.238184	4.025413	2.967301	1.500947	3.732634	2.005378	2.897738	3.306007	4.087936	3.507894
8.730871	9.415975	10.29561	4.88133	8.837519	6.123526	9.853189	9.129408	9.260959	9.249538
4.282858	4.20602	5.810426	1.876958	4.818714	2.472185	4.747294	5.571443	5.173231	3.750078
1.266376	4.5414	1.931711	1.478124	1.995628	3.234453	1.621547	3.177801	4.078708	2.853668
6.142187	7.728524	7.216806	3.830751	8.10206	4.609997	8.555529	7.552276	8.113894	6.08342
4.386886	5.087887	3.609426	1.820572	4.533153	0.217967	3.810883	3.764634	3.468787	4.253022
3.080447	2.884501	2.106577	3.041187	3.89863	2.606325	2.846411	3.79499	4.06173	2.136279
3.077331	0.278284	0.644214	0.321478	2.042698	0.503509	1.78197	1.355041	0.491447	1.430712
2.877181	2.572537	2.487843	1.101025	3.376448	1.655908	2.632488	3.062043	3.186756	2.627814
3.630917	3.897051	4.205713	1.524896	3.994927	1.703786	4.026883	4.296184	4.148906	3.877665
3.249928	3.051568	2.42491	1.676479	3.700843	1.951909	2.677656	3.248906	3.4919	3.101429
1.483446	1.516441	0.876744	0.405194	1.302776	1.009802	1.288023	2.071659	2.231675	0.855405
2.994119	4.326407	2.626168	1.893519	3.616973	2.327743	2.118228	3.024946	3.43942	3.14252
2.272311	1.859491	1.452859	0.815314	2.345594	0.770596	1.472906	2.243495	2.164767	2.247382
1.283547	3.191542	2.826319	2.015216	3.468339	1.841771	2.729049	2.303736	3.637875	2.890613
3.469643	5.903846	3.797871	2.552511	5.12545	-0.19907	5.160002	4.926233	4.264126	3.656474
4.133596	4.608021	4.580939	2.066399	3.864285	2.806926	3.972239	3.667358	3.754319	4.541102
1.623679	0.779107	0.939432	0.876197	1.857787	0.802159	0.747725	0.973287	0.779107	2.862618
4.860813	4.769043	4.565827	2.308316	4.797924	2.965815	4.337113	4.918867	4.765201	5.125933
2.882406	3.7365	1.706971	0.794971	2.144759	1.533067	1.514382	2.332023	4.358338	2.925126
4.565309	4.842342	4.379589	2.523783	5.038381	2.401645	4.257877	5.104965	5.04462	4.837489
4.703874	4.15737	4.268704	3.287553	5.094529	4.504529	4.275133	4.429172	5.060784	4.35665
4.104528	4.326918	3.422596	3.537268	5.059031	3.689649	4.424339	4.783393	5.104764	4.545867
3.577326	4.626989	4.302597	3.250351	4.31114	2.960284	3.952251	4.598771	4.948871	4.384691
5.915203	5.835463	6.315592	3.571193	5.214235	3.610826	5.54975	5.084461	5.099629	6.123749
2.901085	6.591788	7.191139	2.299257	6.10043	2.996204	7.429932	5.047955	6.99504	2.93716
4.759741	4.522446	4.426296	3.325173	5.702822	2.249106	3.506813	5.574308	5.94442	7.19622
3.064525	3.997089	3.749405	1.314368	3.37449	1.418785	3.733636	3.994168	3.952421	4.183775
5.82252	4.218885	4.148744	5.219439	5.810725	2.88373	6.376945	5.866315	7.051962	3.713477
2.435403	2.249133	1.632566	1.034317	3.249427	1.149131	1.782303	2.742781	3.266539	2.062595
2.626183	3.581365	2.766912	1.201565	2.62398	1.615946	2.702815	2.812754	2.711024	3.625756
2.800638	3.102261	2.575144	0.970309	1.6717	1.107224	2.736533	3.017565	3.068479	2.997897
2.232683	3.714378	5.740139	1.157856	1.65445	1.870706	3.142606	2.279451	2.010981	5.288649
0.008081	1.047855	0.093399	-0.0143	0.093399	0.290819	1.320984	0.299412	0.443855	0.051545
5.777224	4.809273	4.710225	3.487428	5.599734	4.208776	4.630366	5.033178	5.664283	5.261689
4.222769	4.891351	4.559113	3.10866	4.543556	2.17221	4.096568	5.106697	5.384274	4.41638
5.584966	5.354413	4.499086	3.527605	6.038929	4.251066	4.910977	5.736407	5.99062	5.134225
0.79819	0.09852	0.581468	0.035175	0.267364	-0.02254	0.531791	0.467484	0.115899	0.417946
2.57864	2.478633	0.702318	0.575447	2.457341	0.959976	1.407327	3.131279	1.366169	0.11983
4.218683	3.970676	4.051982	2.164296	3.544263	2.166461	3.996614	3.545929	4.000873	4.35384
1.946626	5.81165	4.697592	1.48584	4.386287	4.971528	3.992719	4.256817	5.297486	4.235988
2.817133	1.947322	2.13797	1.669982	2.407368	1.460893	2.374446	2.264655	2.100595	2.136032
3.594264	3.647528	2.530233	4.594573	3.962938	2.272713	2.41696	3.709364	3.813169	2.939368
6.606995	6.796559	5.76675	3.8834	7.313663	4.383289	6.142455	7.140225	7.170427	7.086144

2.632358	2.682047	2.424622	1.555659	3.482998	1.797485	1.909069	2.306263	3.187619	2.477937
0.859984	0.94403	0.881403	0.402915	0.805178	0.359603	0.499735	0.892009	0.402915	0.603804
4.543198	4.780173	4.597348	2.522435	4.838414	4.002248	5.029537	4.439469	4.740757	5.057189
3.239444	3.841674	2.805581	1.667619	4.104625	1.942136	2.87218	4.141107	4.367523	3.814616
0.712922	1.735241	1.658602	1.388413	2.615206	0.21278	5.010541	3.013322	1.383069	0.40051
1.760959	2.827871	2.129481	0.411716	1.995602	0.657072	1.652926	1.899022	1.872071	2.767231
0.057188	0.057188	0.014424	0.014424	0.152313	0.057188	0.178381	0.325635	0.098724	0.098724
5.468655	6.004124	5.019856	2.833895	5.602225	3.756278	4.920905	4.637981	5.857824	6.546743
2.315879	5.540812	7.308825	2.280602	2.154305	3.118024	4.900266	3.917725	4.59468	5.619845
5.898893	6.176899	6.09553	3.164666	6.116137	4.237981	5.623103	6.217561	6.204996	6.48118
3.426524	6.012184	4.561355	3.75156	5.784055	4.541288	5.629037	5.826825	5.451789	6.783262
2.910892	3.813735	4.410464	2.000769	2.963711	2.911364	4.241257	2.665953	3.341409	4.203214
2.601163	3.000406	2.701964	2.385139	3.441265	3.918056	2.368353	3.234134	3.593332	3.613219
3.923486	3.829085	2.936607	3.251938	3.876262	2.941971	3.563753	3.51283	3.379322	4.075398
0.049712	0.525473	3.181414	0.049712	0.049712	0.049712	0.099932	0.194822	1.19709	0.112184
-0.06879	0.085033	1.327956	0.387263	0.52622	0.194826	3.131242	1.052818	0.122805	-0.03634
2.01077	0.791466	0.656687	0.684718	1.996562	1.240421	0.517763	0.528164	0.882548	4.336834
1.800999	2.905167	4.09086	-0.20537	0.233927	0.483409	3.842428	1.155776	1.152154	4.137479
6.047502	6.638201	7.473473	4.678991	6.006351	4.99483	6.960638	7.168297	6.015638	7.031913
3.600453	3.670045	3.686506	1.914051	3.010738	3.163788	3.472853	3.265639	3.200402	3.857141
3.740026	4.465839	3.535873	2.47867	5.279947	2.742365	3.902926	4.794386	4.940753	6.074985
4.483883	4.807693	3.133026	2.217658	4.227519	2.852152	3.229696	3.993004	4.004799	4.840199
2.748584	4.032854	4.053924	1.650054	3.600365	1.497491	3.561665	2.979944	4.415186	3.436326
3.312708	3.400886	2.335826	1.87921	3.346169	2.583386	2.408917	3.790733	3.669159	3.921455
1.986835	6.048429	4.364655	2.516607	5.144611	2.800447	5.23873	5.059155	4.941377	4.552182
4.020404	4.719206	2.434006	2.874044	5.403651	4.105978	4.175175	4.862866	3.139923	1.679595
3.170522	2.65431	2.226019	1.095265	2.86238	1.956503	2.127984	2.50269	2.65431	2.901114

CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12	CGGA_12
1.1147	0.501519	1.024748	1.06405	1.198924	0.869743	1.21053	0.816355	1.139316	0.596745
1.430753	2.123508	2.558478	2.006829	1.698854	1.384687	1.312698	1.115203	1.10813	1.064942
6.115859	6.103063	5.755116	5.878633	6.082154	5.833612	5.69011	5.631908	6.167049	5.458501
5.258718	6.734721	3.92837	5.746269	5.816	4.840477	3.673911	2.977984	6.613037	4.139712
0.816068	1.247349	0.639178	0.629154	0.900183	1.046189	0.900183	1.313837	1.354414	0.816068
7.073654	6.852888	7.295763	7.067747	7.023124	7.56177	7.085698	7.214898	6.978019	7.405849
5.93574	6.627139	6.334092	6.511527	6.366397	6.03384	6.091439	5.956255	6.284897	5.915869
1.713562	2.744519	0.306885	0.771773	0.3005	0.498282	1.068017	0.74283	1.861409	-0.07277
0.009871	0.219163	0.240415	0.083552	0.009871	0.462148	0.453274	0.292034	0.250909	0.107188
5.226732	5.685522	5.377248	5.474383	5.461194	5.757845	5.692797	5.839242	5.681087	5.686849
4.615375	4.614901	5.710934	5.093695	5.20741	4.849649	4.955083	4.924816	5.187471	4.939808
3.515872	3.565043	2.879652	2.69807	2.953432	2.892601	3.277159	3.652663	4.036122	2.695875
2.491838	2.31466	2.620051	3.022468	2.552432	2.50137	1.935385	2.552432	1.66987	2.073783
4.120805	4.907922	2.114242	3.697221	4.197846	2.871833	3.257407	2.817346	4.22608	3.722501
5.385741	4.631599	5.150761	5.16804	5.69081	5.635135	5.687533	5.93715	4.99668	4.889576
3.459903	2.929113	3.435794	3.316833	3.267747	4.141362	3.787192	3.311633	3.766054	3.048688
1.962395	1.182212	1.807292	1.38884	2.268023	1.143076	1.243129	0.9427	0.989042	0.577858
8.441498	8.319386	8.424111	8.571715	8.490611	8.461739	8.231177	8.309534	8.165531	8.80751
3.916848	4.80245	4.285021	4.556997	5.07558	5.419122	5.126743	6.39342	5.371179	4.575812
4.101283	3.871775	3.865896	3.639274	4.048946	3.766647	3.778699	3.899027	4.032041	3.336256
3.03704	3.243899	3.042424	3.177943	3.307907	3.4378	3.355378	3.561871	3.172052	3.163746
3.68666	4.029266	3.502557	4.325611	3.237555	3.70219	4.302619	3.429132	3.494633	2.72903
2.788994	3.165758	2.946501	2.922378	3.096021	3.123984	2.955403	3.177728	3.143854	2.902352
0.325754	0.166457	0.039491	0.058547	0.248973	0.689115	0.897713	0.131645	0.216702	1.026904
3.972814	3.770773	3.187656	3.383202	3.488626	3.48782	3.68733	3.666798	4.045994	3.819408
3.553962	3.157362	3.4675	3.203698	4.18002	3.319582	3.535695	4.164217	3.243595	2.239072
1.435475	0.974485	1.12359	1.181885	1.112706	0.992584	1.160986	1.212618	1.281636	1.374308
5.121243	5.153909	5.886508	5.401345	5.16451	5.332457	5.642973	5.227517	5.537762	4.221111
3.806762	4.817952	2.240987	2.677487	3.087083	2.630076	2.997761	2.70159	3.669013	1.999894
4.123142	4.298111	4.668707	4.517393	4.465985	4.786834	4.891284	4.686987	4.916857	4.699466
2.802888	2.26403	3.69076	2.841672	3.815594	1.418863	2.283795	2.235258	1.304471	2.154214
4.948249	5.11518	4.045518	4.937945	4.652729	4.942853	4.842719	5.365614	5.190155	4.017642
5.290529	4.790077	4.967695	5.465028	4.865212	5.408131	5.105736	5.260932	4.782849	5.232455
3.373554	2.647314	2.801473	2.322905	3.051855	2.950976	2.530128	2.987839	3.607581	2.486713
3.09875	3.474552	2.396657	2.131959	1.965314	1.388527	1.813259	2.014807	3.802401	2.04511
2.29661	2.012825	1.965653	1.923564	2.553343	2.309316	2.334299	2.314358	2.228093	2.016119
5.370212	5.786702	5.707212	5.569143	5.220222	5.631841	5.613599	5.727142	5.78148	6.008471
3.841499	4.375102	4.474979	4.20386	4.414467	3.817733	4.128381	4.082529	4.274647	4.216136
4.993033	5.310233	4.88355	4.584602	5.216941	4.424118	4.520315	4.471216	5.04179	5.509385
0.048966	0.078608	0.122019	0.150289	0.150289	0.122019	0.078608	0.093216	0.107686	0.033927
0.737457	0.2307	0.088719	1.035067	0.201663	0.28674	0.201663	0.240225	0.525771	0.432584
2.888086	3.130763	2.510023	2.53457	2.565445	2.345728	2.920462	2.70334	3.585478	2.667913
3.773338	2.727574	3.378932	2.77753	3.86588	2.090353	2.436609	1.736092	1.760161	3.066311
1.000301	0.941751	1.612263	1.553698	0.850721	0.856632	1.025937	2.016303	1.837326	0.628562
3.187571	2.18868	1.608791	1.12668	2.397996	0.673034	0.570046	0.98804	2.372204	0.285847

10.50547	11.97537	10.65994	11.15321	11.23332	10.50461	10.89482	9.770656	10.07099	11.24851
6.164329	7.06368	5.799786	5.948657	6.243667	5.805614	6.458705	7.021375	7.153465	5.365671
3.50896	4.356273	3.653451	3.535325	3.626615	4.081255	3.795453	4.000142	3.918004	4.655214
0.544614	0.578826	0.820996	0.940106	1.07891	1.317962	1.325015	2.027953	1.26734	1.142477
1.099315	1.099315	0.598164	0.735207	1.270138	0.507055	0.541881	0.358926	0.842011	0.434843
0.503209	0.886236	1.558394	0.895566	0.823572	1.047173	1.440627	1.423541	1.305478	1.208632
1.949525	1.803107	2.205118	1.73304	2.180411	2.269083	2.197766	2.30079	2.329406	1.536754
4.780577	4.787063	4.373371	4.566599	4.433049	4.867347	4.850028	4.889859	4.746292	4.619461
4.546699	4.337966	4.206903	4.457142	4.618564	4.615388	4.659285	4.594472	4.53203	4.443618
0.199777	0.117024	0.638848	0.252518	0.239506	0.131137	0.117024	0.131137	0.029448	0.40047
1.226516	2.642474	0.808814	1.41237	1.614688	0.539551	0.947544	1.559437	0.928671	0.415431
8.078248	7.945793	7.198057	7.883447	8.010457	7.484716	7.886054	7.150296	6.502462	8.003988
8.922124	8.879337	9.029804	8.914085	8.675459	9.062731	9.046438	9.11049	8.886069	9.078582
4.717066	4.929141	4.799329	4.00284	3.970532	4.614506	4.249857	4.142657	4.488264	4.613491
1.453074	1.832694	2.049484	2.083153	2.40731	1.587128	1.453074	2.333371	1.545625	0.850138
6.053079	6.000861	5.57598	5.880212	5.322765	5.557414	5.695593	5.79518	5.714077	6.55777
2.305249	1.732959	3.315753	3.227279	2.544004	0.956236	1.475711	1.932484	1.902058	1.461582
4.524015	4.647214	4.268692	4.567194	4.238654	4.409474	4.481593	4.160017	4.655203	2.59647
1.037051	1.578486	0.130241	1.554462	0.513534	0.387304	0.449219	0.348412	1.128498	1.850816
9.020997	9.691115	6.247608	9.798505	9.632654	8.20032	9.14469	8.896178	7.800809	9.64375
3.327186	3.416346	3.045474	2.805193	3.530089	2.847904	2.97548	3.491989	3.17138	2.408026
3.979956	3.663578	4.103357	4.000597	4.213486	4.191303	4.130305	4.303913	4.237127	3.813695
0.849237	1.308737	2.104855	1.305726	1.234019	1.092735	2.342369	1.062824	1.20126	0.645135
5.663135	5.584688	5.259466	5.458058	5.473039	5.59082	5.637816	5.795794	5.453704	5.326917
3.783804	4.471551	3.224621	3.441521	3.189111	3.392479	3.60517	3.964895	4.052609	3.168144
2.612735	2.348004	3.307624	2.604354	3.62606	2.428274	2.31116	2.269491	1.703174	2.387125
3.463821	3.49403	2.973234	3.14648	3.226925	3.129451	2.920556	2.894571	2.962738	3.204977
5.527818	6.002659	3.246014	4.384537	4.039112	3.997393	4.410686	4.413493	5.492372	4.242248
6.033842	6.426501	4.558414	5.499348	5.40249	5.031292	5.067081	4.40351	5.956102	5.540886
5.134174	4.015378	0.916142	4.815737	2.654894	3.190465	4.896855	1.60173	3.289586	5.223285
3.744595	3.517692	3.646689	3.933929	4.851051	3.698869	3.507383	2.39524	2.467885	3.692299
2.844	2.953181	3.743343	2.742667	4.653369	2.809486	2.572818	2.914813	2.688646	1.967119
2.659145	2.597012	2.709116	2.419867	2.80082	2.919887	2.871788	3.141172	3.282233	2.295564
3.383837	3.727558	3.523571	3.203677	3.47828	3.333281	3.357654	3.738573	4.07913	2.682851
2.506698	2.707671	1.909278	2.226069	2.308961	2.297659	2.252147	2.464971	3.045279	1.969832
4.124789	4.144156	4.955791	4.701967	4.437452	4.680721	4.615903	3.915239	4.365922	4.322186
7.46935	7.784504	7.7565	8.084808	7.59923	7.822412	7.961853	7.61997	7.522271	8.475993
1.114256	1.602289	1.114256	0.759005	1.268075	1.107939	0.960115	1.002217	1.317149	0.626095
5.126653	5.319632	5.501884	5.545238	5.191433	5.576394	5.632257	5.452318	5.208897	6.488151
1.404433	0.835916	0.849408	1.35521	0.358424	1.230931	0.548956	0.443498	0.406368	0.277861
3.872525	3.581647	3.429793	3.412431	3.74743	3.975107	3.727583	4.007665	3.552258	3.333252
3.056201	3.700912	4.695138	2.871727	4.599176	3.624217	3.466666	3.255348	3.530042	2.91023
2.136124	2.969418	3.344846	2.457774	3.07807	2.130898	2.336866	2.159354	2.909041	1.721232
2.749585	2.985484	3.774933	3.380762	3.640529	3.255545	3.354533	3.734657	3.623245	3.667176
4.723174	5.812878	4.834407	6.259176	6.595579	6.487242	5.563361	6.220221	5.691434	4.72982
0.182878	0.600783	0.698871	0.485153	0.232065	0.591509	0.051625	0.619144	0.092331	0.207691
3.588054	3.287528	3.855629	3.839901	3.723618	3.111637	3.378725	2.57057	2.095319	3.91067

1.327496	0.721007	1.389604	0.181671	2.665169	0.213325	0.601966	0.37722	0.37722	1.427253
3.543979	5.557505	4.821095	4.584814	4.22562	4.000815	4.166883	3.581165	3.655885	3.351511
2.127781	2.879347	2.774922	2.431271	2.197129	2.71603	2.28055	2.068919	1.766388	2.398303
3.373537	4.070687	4.541309	3.651656	3.967697	4.068438	3.920924	3.685119	4.75845	3.511258
3.313114	3.394362	3.455936	3.109158	3.632658	3.000635	3.069652	2.962138	3.413737	2.256814
5.945853	5.810576	5.501024	6.017172	5.935098	5.950061	7.088345	6.393558	5.813498	6.233146
4.014949	2.747977	5.28965	4.168077	4.884201	2.235843	3.04309	2.374522	2.668976	1.115857
6.902905	6.565042	7.765096	7.107047	6.972357	7.841274	7.851651	7.79893	7.179428	7.444372
2.539862	2.90412	3.937885	2.687104	2.694308	2.171039	2.605058	3.013535	2.475423	2.405303
2.324964	2.164222	2.181903	2.164222	2.528907	2.677347	2.357935	1.789863	1.759573	2.261751
3.158597	3.461447	2.855384	2.885528	3.499063	3.133143	3.258468	3.587856	3.646645	2.742891
0.103917	0.164612	0.306858	0.072671	0.486646	0.449807	0.237337	0.179427	0.208648	0.194105
8.885736	9.190286	8.363952	8.946037	8.818122	8.834622	8.773604	8.483239	8.406165	8.228346
4.947449	4.790724	4.730327	4.46906	4.419518	4.739771	4.679095	4.723633	4.831525	4.240969
3.516698	2.413091	3.037207	2.690318	3.208385	2.82709	2.830782	2.456394	2.65466	2.000794
1.030607	0.967554	0.627212	1.037436	0.816021	0.37513	0.654552	1.227847	0.893893	0.318591
3.863638	4.193836	3.940582	4.067882	4.272388	4.444789	4.366457	5.260683	4.643454	4.366073
3.780403	2.977273	2.501141	2.486959	4.226927	1.122706	1.384646	1.366108	1.282891	1.536018
2.903525	3.186144	2.782573	2.857513	2.91878	2.906812	2.638551	2.444225	3.25328	2.360571
3.127804	2.93086	3.24163	2.981276	2.979687	3.19212	3.240389	3.446121	3.728384	2.656459
0.932882	0.743442	0.222463	0.047664	0.035854	0.212247	0.116205	0.301226	0.595887	0.222463
0.040664	0.029523	0.186003	0.062618	0.205307	0.029523	0.029523	0.029523	0.051695	0.029523
3.271259	2.866428	3.965159	4.038344	3.611917	4.426192	3.544166	3.850005	2.624749	2.309765
3.546314	3.648739	3.800813	4.694398	3.872603	4.844417	4.590239	3.413297	4.761182	4.701945
3.373859	2.30751	3.04281	3.419362	2.916389	3.177179	2.870515	2.413669	2.492991	1.432277
2.74197	2.876823	2.951033	2.925717	2.939293	3.340707	3.274651	3.5793	3.496733	2.493048
3.982776	4.000464	3.40877	4.253735	4.408428	4.328247	4.046869	3.748732	4.035642	3.792748
7.284794	6.905306	6.799716	7.354076	7.155243	7.263896	7.312799	7.12619	7.021976	7.403148
0.01857	0.057751	0.057751	0.057751	0.01857	0.01857	0.03176	0.01857	0.24915	0.01857
1.450058	1.479844	1.825053	0.985752	2.336567	1.396168	1.095378	1.25916	0.980286	1.250355
3.233893	3.026793	2.556984	3.185689	2.848709	3.291321	3.318535	3.908559	3.472432	2.30347
7.379372	7.869603	6.260314	7.004221	5.968175	6.74972	7.168341	6.305173	6.823319	7.465365
0.067027	0.856592	0.189766	0.094629	0.130282	0.038641	0.214212	0.173129	0.094629	0.057655
0.712348	0.776075	0.412711	0.895518	0.424172	0.188759	0.655344	0.793768	1.33506	0.215465
4.358517	4.457146	4.205503	4.325316	4.331141	4.329849	4.570123	4.490741	4.59177	3.628996
4.971586	5.70167	5.554669	5.975869	5.581677	5.35804	5.430304	5.348227	5.627359	6.118362
5.127596	5.402972	5.454928	5.158586	4.882847	5.526375	5.425249	5.400834	5.194307	5.81758
4.503006	4.232784	3.608249	5.363937	4.638374	4.498378	4.698025	4.380596	4.480099	4.15621
3.927201	4.435804	3.910976	3.958899	4.199573	4.094452	4.02926	4.434402	4.412671	3.388121
0.55624	0.761177	1.374154	1.424139	1.650871	1.021792	1.169713	1.693806	1.056418	0.512493
4.953433	5.765488	7.689833	6.128207	6.379528	4.813769	5.732828	5.418484	4.542119	4.628504
0.026154	0.004922	0.057235	0.046974	0.004922	0.015591	0.015591	0.057235	0.026154	0.004922
5.653036	6.163437	7.339329	5.601174	6.543572	5.605773	5.419582	5.557659	5.305628	4.959842
4.17026	4.34194	4.120572	4.345644	4.374769	4.467288	4.523273	4.40785	4.498118	4.050585
4.534859	4.56935	5.074836	5.007932	5.507815	4.737468	4.845034	4.88279	4.828862	3.835149
2.694128	3.254736	2.902644	2.577124	2.747372	3.114293	3.023218	3.251267	2.867525	2.0114
5.841507	5.298068	4.877278	5.284843	4.32673	5.182505	5.159863	5.177419	5.13388	5.578131

2.037603	2.072624	1.403716	1.727837	1.501774	1.697332	1.906889	3.058963	2.596865	1.349193
0.300161	0.75952	0.060145	0.138351	0.083009	0.159799	0.001022	0.048549	0.585615	0.001022
3.240134	3.330961	4.680869	3.710736	3.897053	4.927916	4.546813	4.930856	5.241142	4.257089
0.323226	0.915881	0.496563	0.352806	0.293357	0.293357	0.524522	0.293357	0.633872	0.468347
0.156075	0.694869	0.035338	0.206596	0.181561	0.103682	0.206596	0.255374	0.231195	0.063073
7.137583	6.37453	7.033441	6.603009	6.387396	5.981783	6.063273	6.225673	6.116751	6.148247
3.882917	3.63178	4.170718	3.998682	3.743034	4.447871	4.198627	3.687831	3.52665	3.851677
3.110748	3.17722	2.511967	2.170189	2.386189	2.750928	2.622264	2.770594	2.378879	2.014686
0.995619	1.715798	1.087429	1.247279	0.938947	1.743014	1.480545	1.452852	1.518363	1.152311
6.853194	6.965937	6.931581	7.101974	7.353046	6.813499	6.941481	6.475658	7.278397	6.851423
0.072081	0.562101	0.000439	0.000439	0.23978	0.000439	0.000439	0.223686	0.072081	0.000439
2.111278	1.965097	2.100664	2.040484	2.530936	1.444881	1.907789	1.760353	1.435469	1.843081
2.57549	2.577595	3.547839	2.861292	2.934303	2.843287	3.035108	3.28778	3.062481	3.173592
6.743857	6.680782	6.284041	7.223128	6.625234	5.749704	6.09442	5.670507	5.789467	6.227292
0.49491	0.49491	0.151621	0.163813	0.323659	0.446802	0.151621	0.386663	0.559451	0.114356
0.078962	0.18406	0.078962	0.066732	0.066732	0.464741	0.103075	0.311965	0.091075	0.18406
4.248464	4.223269	4.683927	3.988191	4.59558	4.995068	4.981499	5.563695	4.7188	4.471015
5.978382	6.558462	5.189131	5.098027	5.422586	5.359082	5.247487	5.403804	6.538121	4.739174
0.150884	0.070877	0.256904	0.070877	0.31642	0.022728	0.047036	0.128547	0.022728	0.022728
9.2049	9.35994	9.699507	9.677503	9.16778	9.952683	9.683855	9.69072	9.319159	10.63683
4.234195	4.261919	5.057215	5.242967	4.948632	4.993719	4.935897	5.260392	4.913622	5.068787
1.031715	1.031715	1.493819	3.776828	0.201833	1.843784	2.46592	3.770087	0.334137	0.789688
8.593598	7.410016	7.31091	7.985235	7.861827	6.706461	6.670583	6.55763	5.982405	7.595875
3.497332	3.623417	4.054463	3.409697	3.87942	4.278225	4.275345	4.492496	4.412704	3.150083
3.914178	4.096667	3.950466	3.520372	4.07876	3.612565	3.477125	3.580638	3.705832	2.68169
1.323492	1.712334	2.07662	1.950029	1.900082	1.833825	1.707089	1.401628	1.289922	1.255335
0.038463	0.288833	0.131218	0.054288	-0.0264	0.146184	0.161015	0.054288	0.069963	0.022485
0.667016	1.505119	0.607597	0.965068	0.832217	0.814743	1.094303	0.556199	0.597459	0.366806
5.904673	5.261679	5.390516	5.08958	5.549898	4.909273	5.049581	4.921874	5.044242	4.643827
2.953919	3.621353	3.026449	3.11685	3.653757	3.43854	4.177923	4.479214	4.476234	1.335119
2.863765	2.367964	3.328634	3.042872	2.469073	2.965988	2.47079	2.082442	1.5213	3.621448
5.55158	5.631802	5.357485	4.662085	5.676546	4.860093	4.958362	5.469788	5.877164	6.231733
0.628876	0.823457	2.016252	3.591252	0.226166	0.89597	1.464567	1.916374	0.25111	2.360402
4.613324	4.864637	5.086961	5.255696	6.090777	5.772193	6.337061	6.017739	5.71125	5.730843
1.574129	1.142856	2.718606	2.444126	1.623099	1.900558	1.522609	1.256803	1.337946	2.521281
3.244969	3.497956	3.677704	3.505019	3.509562	3.432891	3.476031	3.419435	3.585276	3.391493
1.351412	0.910438	1.471021	1.008301	1.20982	1.244662	1.646252	2.317801	2.419232	1.103651
0.363155	0.460268	1.868813	0.633619	0.588778	1.616941	0.32579	0.697875	0.287219	0.408278
4.155103	4.252665	4.794518	4.544902	3.626741	5.182767	5.160086	5.56391	4.319525	5.269322
6.301103	5.393138	5.466684	6.175171	5.854924	5.400707	6.000857	5.551596	5.377183	5.780764
1.307153	0.596994	0.898481	0.640935	0.772242	0.48498	0.675038	0.31864	0.404495	0.578989
4.246136	5.048238	5.739159	5.139119	6.728021	5.199919	5.731753	4.832257	4.748738	5.073244
7.05612	6.444671	7.047466	7.181765	6.641541	7.702978	7.210487	7.052845	6.417841	6.697698
0.494649	0.387155	0.34922	0.329823	-0.01587	0.034341	0.310127	0.890569	1.246188	0.423999
2.518536	2.623693	2.669459	2.590135	2.699656	2.672734	2.601823	2.399486	2.936186	2.818539
2.037532	1.9089	2.330117	2.684807	2.178494	2.070568	2.365483	2.181835	1.384711	1.65264
3.169616	3.065433	2.715857	2.982583	3.436734	2.563576	3.16078	2.339131	2.260157	1.999173

3.489825	4.403644	4.455992	4.685937	4.912826	4.6986	4.279587	4.440594	3.471436	3.364229
0.945741	1.391494	3.785576	2.484622	1.298777	3.402233	1.238715	1.199012	2.420347	1.975851
3.934211	3.186911	2.741631	3.994542	3.131237	3.570784	3.58092	3.092069	2.642353	2.30111
3.584285	3.314194	3.554633	3.238184	3.661586	3.3898	3.566332	3.598185	3.536178	3.114123
9.468702	9.923998	9.41039	9.794347	9.50619	9.404282	9.744238	9.371047	9.270386	10.65492
5.386704	4.398801	5.14683	4.625249	3.949773	4.747809	4.336058	4.453716	4.344815	4.220666
3.998508	3.111762	3.983641	3.680001	4.451861	3.276513	3.378336	2.961681	2.641742	2.26458
7.796364	7.463835	6.464865	8.521892	7.179402	8.765644	8.967771	8.594736	7.609836	8.223844
2.862495	3.343279	3.974296	4.315809	4.115846	5.883392	5.064085	4.762642	3.694194	4.548714
2.801056	3.003039	2.756938	2.728675	2.786033	2.972608	3.2118	3.717837	3.129665	2.86632
1.42021	2.26755	0.877202	0.906843	1.044275	1.868191	0.955893	1.644102	2.54286	0.503509
2.931348	3.033646	2.265837	2.552616	2.761858	2.986237	2.856607	3.203242	3.063599	2.298255
4.155947	3.917297	3.954505	4.031286	3.885974	4.114188	4.381923	4.171547	4.207781	3.82221
2.68489	2.981843	2.988508	2.895267	3.091894	3.131803	3.109698	3.39605	3.406585	2.762841
2.142609	2.091668	0.840957	1.47505	1.714159	1.500061	2.213953	2.322563	1.302776	1.100471
3.275902	2.76431	3.263531	3.48153	3.35618	3.163004	3.533382	3.417789	2.923746	2.520331
1.819887	1.828497	2.059267	1.745338	2.019287	2.193693	1.952583	2.462976	2.850116	1.333154
3.429994	3.149216	2.876791	3.235867	3.209235	2.948731	2.908796	1.426196	2.878335	2.714991
6.927422	4.219218	6.009799	6.102157	4.677491	6.915524	3.905756	5.217297	4.479273	5.983923
3.718161	3.652459	4.758635	4.260143	4.113946	4.19284	4.123819	4.068743	4.102607	4.754598
0.979954	0.817305	1.468351	0.786836	1.012791	1.165659	1.238618	1.795056	1.582347	0.86172
4.658741	4.553765	4.821912	4.587327	4.516348	4.808155	4.703236	4.706853	4.800546	4.609954
2.2101	2.502576	4.193498	2.626727	4.147605	1.801515	2.768067	2.550112	3.047778	2.821672
4.674055	4.414089	4.775493	4.84786	4.932892	5.105497	5.062552	4.835053	4.611189	4.208384
4.320266	4.604408	4.79462	4.692208	4.497837	4.583253	4.720955	4.968134	5.005917	4.825974
4.453009	4.614031	4.142641	4.304828	4.15565	4.351589	4.355391	4.755087	4.645334	3.445103
4.831261	4.337676	4.349769	4.550327	4.845762	4.050727	4.972347	4.998604	5.514315	4.22836
5.335789	4.987875	6.084573	5.773229	5.393798	5.645552	5.422095	5.459558	5.547633	5.88085
7.153912	6.541993	4.384117	8.050176	5.607021	7.092622	8.060003	4.732402	5.055005	8.351408
3.668769	2.426324	4.352412	3.35039	1.564954	5.124485	3.842176	5.415096	4.277713	4.341521
4.23916	3.700412	4.020877	3.58436	3.582207	3.892194	3.346593	3.573547	3.21643	3.12759
6.461493	6.074927	6.707093	4.964517	6.951639	5.928672	5.938039	6.096507	7.44303	6.44573
2.202406	2.260511	2.017634	1.989022	2.347522	2.339651	2.187386	2.857	2.607061	1.751248
2.606204	3.169247	3.315079	2.847798	3.531185	3.082137	3.197778	3.000723	2.971715	2.729285
2.951846	2.958698	2.851543	3.267838	3.795562	2.61683	2.821262	1.888843	2.497232	2.592304
3.868861	2.922105	3.406562	3.998514	3.531166	2.635786	2.845702	2.47302	2.576349	3.980285
1.526418	1.680186	0.37394	0.951142	0.133759	0.08308	0.290819	0.019104	0.324804	0.219618
4.822569	5.177403	5.292855	4.98325	5.057116	5.380213	5.331335	5.71236	5.559397	5.044946
5.058436	4.579589	4.435063	4.868001	4.593709	4.789616	4.789616	4.532521	4.192116	4.20229
5.184466	5.392865	5.235495	5.368872	5.838086	5.498211	5.561683	5.952457	5.595727	5.204299
0.124475	0.303652	0.735701	0.252468	-0.02254	0.158057	0.449196	0.317803	0.411575	1.042316
1.444309	2.324898	3.512362	3.536659	3.321	2.660864	1.951697	1.360171	3.730195	1.948037
3.834175	3.917875	4.245749	4.042169	3.699545	3.914796	4.069346	3.849917	3.716095	4.292504
5.355777	4.743481	6.193196	5.329456	6.167465	5.272019	3.596398	5.063025	3.927183	3.412517
1.747585	2.45734	2.325786	2.232877	2.290507	2.490975	2.066136	2.098596	1.626243	1.552753
3.059867	3.027824	3.446337	3.388104	3.387195	3.35203	3.511856	3.744328	3.528574	2.528089
6.826847	6.787635	7.063709	6.815111	6.72031	7.234419	7.238511	7.205871	6.758822	6.330683

2.474869	2.543408	2.571962	2.05154	2.443727	2.50518	2.554917	3.391004	3.346328	2.232631
0.68974	1.155129	0.816287	0.665644	0.68974	0.591152	0.513111	0.526378	0.736896	0.417102
4.680448	5.207519	4.772936	4.682359	4.988783	4.609067	4.744649	4.675012	5.188972	4.278291
4.146402	3.545261	3.783057	3.544069	4.221475	3.783057	3.763065	4.044419	4.023781	2.84889
4.746374	5.299355	0.622716	1.928064	0.922959	0.650407	1.496069	2.314252	4.690959	0.77271
2.519372	2.260593	2.683715	2.510608	2.858366	2.267104	1.96801	1.720309	2.027878	1.369482
0.057188	0.253881	0.085011	0.253881	2.222238	0.382826	0.043073	0.139101	0.629678	0.028819
5.285555	5.587057	5.819082	5.229675	5.671484	5.476902	5.658532	5.71662	5.516731	5.310844
5.935421	5.117222	4.663838	5.598098	5.244548	4.218217	5.10795	3.764877	3.601305	5.482192
6.442687	6.047636	6.000681	6.15959	6.849225	6.253405	6.383983	6.231171	6.147818	6.056827
5.908466	5.410853	5.924208	5.948277	5.744455	6.373384	6.379017	6.459367	6.390456	5.068773
3.68253	4.018897	3.825237	3.667477	3.912906	3.3712	3.545281	3.046478	3.467184	4.458102
2.929386	2.816293	3.11296	3.424031	3.031497	3.420302	3.274955	3.276383	3.075612	2.452853
3.066148	3.723425	4.12477	3.751612	3.715541	3.715541	3.891041	4.061811	4.201997	3.625535
2.003721	0.049712	1.661083	1.082348	0.228668	0.17175	1.243283	0.049712	0.602579	0.385651
0.844449	2.734605	0.045981	0.409205	1.185731	0.104074	-0.03634	0.177238	0.869012	0.036007
0.81691	0.24121	2.01077	0.409192	0.71219	1.568799	0.952837	2.466884	1.414368	0.945201
3.534939	2.733762	2.837635	1.358588	4.626047	1.111589	0.6852	0.405771	1.889451	2.697421
6.882465	6.550431	6.790633	7.230179	6.500257	6.980457	6.958946	6.862364	6.398294	6.919261
3.581499	3.631657	3.944485	3.717238	3.847403	3.309597	3.491453	3.424558	3.57272	3.780697
4.842525	4.638908	3.914392	4.162148	5.314152	4.630144	4.610052	4.810664	5.143385	4.114002
4.065703	4.618367	4.709322	4.593751	4.767788	4.278538	4.258349	4.272246	4.317399	3.225393
3.292028	3.332539	4.640933	3.62944	3.161237	4.014413	3.384729	3.84948	4.209542	3.822524
2.919251	2.89963	2.863172	2.767234	3.016388	2.757235	3.796118	4.031939	2.97807	2.382328
3.737984	4.120346	5.434813	4.9823	4.014482	6.319807	5.675031	4.435685	5.215829	5.169191
4.330055	4.168334	3.278932	4.565681	4.745204	5.32165	5.019808	5.355489	4.523444	4.283087
2.425202	2.369448	3.121989	2.562585	2.795693	2.724624	2.717435	2.919224	3.345434	2.137272

CGGA_12	CGGA_12	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13
0.596745	1.310642	0.75258	0.153404	0.430532	0.287655	1.00465	0.252371	1.272604	0.808549	
0.927016	2.301201	1.900445	1.256242	1.641268	0.653268	1.545099	0.488579	2.731469	1.636364	
4.455026	5.999197	5.776581	3.830035	5.483232	4.907285	5.584165	3.314226	5.41709	5.19463	
5.102822	4.032109	5.65441	1.007956	3.297577	5.553093	5.326757	0.449224	3.919255	4.71193	
0.658994	1.060631	1.442593	1.016806	0.816068	0.567299	1.337181	0.883797	1.009354	0.979102	
7.446237	7.543297	6.999243	4.825218	7.174614	7.336501	7.379047	5.168482	7.062665	7.281038	
5.542094	6.685787	5.957064	4.558429	5.922191	5.955265	5.41224	4.516457	5.515646	5.307352	
1.554838	0.3005	0.58956	1.483087	0.227559	0.664496	1.575813	1.320439	0.023394	0.604026	
0.009871	0.208401	0.059466	0.071566	0.208401	0.009871	0.009871	0.229834	0.13039	0.596259	
4.868427	5.546728	5.646113	2.966482	5.396132	5.653233	5.909287	2.777577	5.146926	5.283058	
5.048885	5.50103	4.66572	2.968681	5.153418	5.027503	4.192369	2.994332	4.949678	5.010125	
2.494012	2.901759	3.301578	1.84164	2.68039	2.637233	3.620731	2.540474	3.219821	2.611456	
1.77225	3.113605	1.896038	1.0609	1.993235	1.94821	1.932804	1.896038	2.45949	1.280233	
3.077512	4.293447	3.278906	1.662925	2.473052	2.953571	3.081558	1.662925	3.521063	3.273782	
3.728155	5.025927	5.514434	4.457716	4.774939	3.956069	5.429874	3.621128	5.539403	4.522994	
2.310142	3.550224	3.874017	1.698546	2.84801	2.286734	3.563708	1.830352	3.391956	3.055324	
0.153349	2.179562	1.676482	1.060622	0.79146	0.305889	0.831151	0.640802	1.761407	0.519845	
9.703298	8.677336	8.427603	7.300866	8.795395	8.832735	7.726263	6.748119	8.232292	9.203763	
3.656138	5.375102	5.178591	4.565533	4.281142	4.311815	6.285611	4.279586	5.296279	4.602588	
2.429168	4.113123	4.402345	2.868763	3.328975	2.845044	4.088628	2.278287	4.250131	3.207744	
2.750629	3.197722	3.11619	2.010865	3.166127	2.738035	2.873438	1.846605	3.138416	2.556155	
2.411982	3.340472	3.45689	3.058427	3.414043	2.206438	3.43567	3.114362	3.148558	3.073961	
2.873964	3.111368	3.364401	2.502416	2.905458	2.843123	3.252311	1.757066	3.297777	3.067276	
2.066785	1.303783	0.866325	0.852596	0.431765	0.471477	1.011058	0.295679	0.113818	1.383498	
3.193143	3.745194	3.913001	1.56657	3.35679	3.036667	3.751347	1.363215	3.324872	3.33153	
1.863934	5.070769	3.391	2.132038	2.719557	2.874837	3.631165	1.9876	4.123767	1.955552	
1.636814	1.187057	1.514156	1.107229	1.217671	0.943751	0.705618	1.12359	1.514156	1.418289	
4.205202	5.650572	5.298498	3.830001	4.687195	3.895016	5.290061	4.198671	5.754747	4.724077	
2.126978	2.246135	3.106956	5.304176	1.606386	1.135081	4.263491	4.046713	2.609296	2.278192	
4.69366	4.484962	4.803245	5.754972	4.561166	4.874049	4.189072	5.150651	4.463247	4.868401	
1.848026	3.110124	2.530475	1.396781	2.061101	1.339865	1.090304	1.205055	2.490507	1.513812	
3.136844	4.65991	5.144953	3.291459	3.966258	3.512748	5.236131	3.318715	4.152182	3.657352	
4.830581	5.80997	5.109679	4.314075	5.364616	4.89664	4.750577	4.076288	5.690973	5.474095	
2.873761	3.201587	2.430877	2.073533	2.856565	2.972176	2.378076	2.375233	2.579316	2.815479	
4.29375	1.55964	1.661121	2.765475	2.599935	2.49001	2.062463	1.707384	2.51968	4.301538	
2.029199	2.606811	2.697729	3.5374	2.389718	1.685274	2.101557	2.935785	2.59905	1.934236	
6.230486	5.465766	5.228852	3.87851	5.927386	6.1135	5.206912	3.875641	5.419868	6.105263	
3.300274	4.61321	3.882844	2.781646	3.957156	3.401444	2.896466	3.018617	4.295527	3.958234	
5.081625	5.331926	4.741832	3.632181	4.968979	4.878442	4.791686	3.815561	5.051282	4.818484	
0.018737	0.093216	0.078608	0.018737	0.033927	0.033927	0.063859	0.093216	0.078608	0.107686	
1.4716	0.374669	0.304851	0.161817	1.000418	1.550223	0.42448	0.077902	0.768345	0.969898	
2.808211	2.562052	2.049204	2.695723	1.994442	2.054298	2.335602	2.923016	2.414418	2.422036	
4.240036	4.315684	3.468684	0.416078	3.076081	2.365817	2.320464	0.287982	3.642626	3.369113	
0.42288	1.07551	1.177417	0.930768	0.732038	0.405377	0.514546	0.725429	1.237749	0.313506	
1.331565	1.520899	0.324057	0.728183	0.932385	0.21594	0.943722	0.754845	1.264154	1.150701	

10.2517	11.94152	11.54169	7.212792	11.23458	10.46247	10.08215	6.397355	11.42393	10.61758
3.97386	5.023815	4.92978	4.571092	5.055763	4.25612	6.587376	4.593153	5.299529	4.847297
4.375721	3.784221	4.052237	1.672542	4.13435	5.40162	3.638403	1.257332	3.310248	4.639354
0.663276	1.849066	1.542137	0.900065	1.016219	0.253615	1.739391	0.523585	1.121677	1.100493
0.265135	0.976248	0.518755	0.630934	0.278903	0.292544	0.714932	0.55331	0.641698	0.397371
0.496544	1.426407	1.279605	0.05869	0.522963	0.586352	1.059242	0.16318	1.503761	0.886236
0.927469	2.631585	2.309677	1.977134	1.465597	1.236435	2.480926	1.706012	2.298556	1.3128
3.997145	4.477362	4.952841	2.549054	4.398586	4.545406	4.735527	2.621279	4.253064	4.454121
2.699168	4.493185	4.722203	2.47305	3.967502	3.575497	4.628422	2.426659	4.288514	3.848016
0.029448	0.726424	0.352753	0.029448	0.239506	0.102778	0.199777	0.029448	0.904497	0.213137
0.451202	2.502832	0.210224	0.092934	0.984431	0.472169	0.513046	0.00453	0.760626	0.111734
7.773396	6.929075	7.899168	5.862844	8.219835	7.517831	7.366676	4.787609	7.775897	9.090702
8.648347	8.700947	8.962355	6.177367	9.24503	8.942195	8.893419	6.105095	8.898952	9.015316
4.795932	4.782879	4.25239	1.724797	5.116816	4.370677	5.465592	1.882209	4.516855	4.951672
0.622786	2.367319	1.861996	1.473151	1.231723	0.671774	1.137132	0.799313	2.634677	0.671774
7.478027	5.223916	5.430099	3.358425	6.283846	6.745681	5.126351	3.269087	5.41681	6.802246
1.97592	4.661284	2.010425	0.294187	3.512756	0.657584	0.220829	-0.38961	4.593328	2.782284
2.18749	3.229788	3.728199	3.215801	2.421762	2.257702	4.171769	3.406951	3.047993	2.204645
0.541571	0.467135	0.792954	0.701084	0.584998	0.579661	0.61648	0.321701	-0.01574	0.788538
11.04319	9.189215	7.330488	6.703915	10.63408	10.22541	6.847205	5.525721	7.306358	10.96505
2.204702	3.354766	3.314055	3.200298	2.207512	1.835545	3.141616	3.154952	3.378076	2.491985
3.320713	4.170173	3.907846	2.787758	3.517181	3.534235	3.617159	2.853489	3.866873	3.5694
1.403551	1.566259	1.577976	1.066609	0.694611	0.278949	1.096416	1.364359	1.422616	1.136075
4.389369	5.473039	5.831033	3.273754	5.131817	4.707982	5.696517	2.6031	5.554723	4.613385
2.72077	3.300371	3.635651	3.245605	3.403365	3.268241	3.980629	2.250542	3.06677	3.164797
0.807227	3.613222	3.007849	0.895299	2.861324	1.432311	1.510144	0.196266	3.71008	2.6307
2.743918	3.288794	3.235035	1.680693	3.595354	3.439875	4.226468	1.620215	3.640668	3.225567
4.199918	3.778511	4.43736	3.657349	3.824958	4.044512	4.899347	3.538862	3.568185	4.37704
6.770821	4.080246	4.9957	3.629564	5.289498	3.466722	4.609744	3.48079	4.513204	5.520893
1.439855	2.44489	6.400363	2.325608	1.919632	1.228113	3.508029	1.951022	4.487581	2.058846
3.840407	3.578177	2.756141	1.79446	3.812196	3.746304	1.908545	1.182422	3.709237	3.529651
1.687154	4.162807	3.315503	1.868176	2.053962	2.081583	2.655042	1.812675	3.501661	1.712083
1.956097	2.736632	2.97672	2.186548	1.987838	1.737886	2.844589	2.394279	2.649965	2.16917
2.28291	3.268484	3.347972	3.267173	2.368512	2.138167	2.948552	3.205068	3.175466	2.269623
1.429507	1.956682	1.846374	1.049102	1.678421	1.633993	0.972096	1.451469	1.891094	1.595115
4.066433	4.54718	4.111785	2.779885	5.510233	3.797957	4.125991	3.180688	4.824564	4.558133
8.434935	8.00993	7.702788	5.235394	8.506582	8.335573	7.374603	5.084591	7.742004	8.412069
0.767377	0.86365	1.727292	0.66296	0.808407	0.54889	1.369483	0.568649	1.114256	0.938514
6.547047	5.568864	5.246617	3.936005	6.411207	6.771483	4.827864	4.119361	5.544966	6.585727
0.787566	0.766286	0.646547	0.646547	0.895564	0.328791	0.23564	0.479603	0.983264	0.715242
2.833755	3.516508	4.041651	2.201483	2.572623	2.423568	4.178256	2.421532	3.54561	2.826968
2.063097	4.455965	3.642111	0.598405	4.610297	3.272713	4.328349	1.225583	4.341188	2.781103
2.10709	4.453036	2.475465	2.276017	1.919057	2.133514	1.965207	2.146505	3.562735	1.736003
4.668118	3.332251	2.896072	1.615097	3.555262	4.351371	2.6539	2.090116	3.531251	3.830231
4.661345	4.601113	3.69674	1.785746	4.146173	5.975087	2.554774	3.300099	4.907188	3.340977
0.157609	1.356833	0.837925	0.051625	0.628234	0.051625	0.118815	0.051625	1.72877	0.485153
3.865494	4.636489	3.942462	1.10513	4.480738	3.388915	1.970465	0.497655	4.255711	4.381464

2.286544	1.195696	0.244376	0.274847	0.213325	0.601966	0.577078	0.197575	0.289871	0.348621
1.731059	6.322917	4.681468	1.746662	4.838484	2.930346	2.856941	1.477036	5.376324	3.048953
2.077136	3.230769	2.369522	1.437631	3.03935	2.000834	3.192467	1.13252	3.571778	3.369651
3.863493	4.14289	3.40247	3.098717	3.800101	3.215504	2.882097	3.458961	3.811486	3.833912
0.843884	2.762729	3.186893	2.622647	2.541016	1.826392	2.214361	2.219761	2.569791	1.91379
4.124625	5.721168	7.231181	4.951627	5.407188	4.717074	4.79901	5.610148	5.648806	5.008213
0.138218	4.484168	2.784989	1.846991	2.909397	0.539463	1.301334	1.393224	4.77787	1.273096
6.404826	7.075812	7.027857	5.47673	7.36494	5.762069	4.849983	4.733323	6.426628	6.809938
1.41836	3.372969	3.567248	0.810283	2.211011	1.526038	1.987961	0.615052	4.100411	0.729045
1.534258	2.546073	2.555117	1.407529	3.006879	1.650207	2.185086	1.329282	3.278883	2.742625
2.05831	3.94482	3.946719	2.645698	2.714331	2.109488	3.5188	2.250172	3.547759	2.314323
0.449807	0.658947	0.164612	0.134556	0.119311	0.103917	0.134556	0.072671	0.223058	0.072671
8.528542	8.645627	8.862494	6.634184	8.664742	8.343165	8.550878	6.975109	7.84151	7.501071
4.099494	4.526375	4.718324	3.114077	4.403082	4.012973	5.046478	3.18752	4.482427	4.278402
2.195139	3.081548	2.847258	1.615598	1.99351	2.648259	2.85451	1.538604	2.570986	2.255586
0.681354	1.744239	0.923837	0.185273	0.901441	0.295302	0.775349	0.210503	1.505541	0.283506
2.656561	4.127255	4.391152	2.778385	3.737632	3.781475	3.90782	2.567567	3.913359	3.459452
1.67295	3.799965	1.491117	0.873966	1.390773	0.716743	1.151878	0.636347	2.44355	0.755314
1.976847	3.076967	2.884694	2.508854	2.221939	1.795412	2.011171	2.345634	2.563611	2.358715
1.999748	3.706284	3.351071	2.897003	2.568576	2.007784	2.619049	3.003277	3.393782	2.233879
0.08242	0.011882	0.242639	0.023927	0.329489	0.138216	0.494624	0.011882	0.201944	0.138216
0.029523	0.08415	0.029523	0.105275	0.029523	0.029523	0.029523	0.051695	0.16636	0.094762
1.66632	5.361697	4.178254	1.8808	3.120192	2.524338	5.881466	1.618384	4.191303	2.39663
3.430463	4.498984	3.574813	0.472774	4.278916	4.379663	2.731478	0.804484	2.21443	2.781715
1.457312	3.770484	3.48023	2.722775	2.148346	0.952224	2.061162	1.67106	2.530978	1.719618
1.970873	3.043717	3.509774	1.548902	2.604157	1.907347	3.597849	1.505581	3.273412	2.131202
3.14316	4.74336	4.915535	1.967945	3.633703	2.947965	4.813045	1.864522	3.755272	3.594076
7.180712	7.273078	7.280685	4.695188	7.139203	7.363194	7.152279	4.799887	6.497801	7.441026
0.573582	0.01857	0.01857	0.01857	0.01857	0.01857	0.01857	0.057751	0.083243	0.083243
1.319121	0.935671	1.100366	0.082921	1.58225	0.732766	0.62844	0.200465	2.049606	1.654718
2.988633	3.308848	3.658143	2.630653	2.086995	1.562285	2.895416	3.086267	3.268443	2.256356
6.512064	6.960442	8.24863	5.21031	6.897097	5.95981	7.990399	5.229731	7.028104	6.996443
0.238074	0.164705	0.067027	0.067027	-0.00051	0.048193	0.076313	0.028997	0.291629	0.019258
0.5019	0.412711	0.544472	0.565287	0.458008	0.147729	0.523346	0.317521	0.533948	0.254604
2.835412	3.916966	4.972723	3.062069	3.214134	3.140973	5.098817	2.976441	3.791567	3.161835
5.91493	5.408395	5.714284	4.456519	5.909077	6.199483	4.921497	3.937527	5.129696	6.04437
6.438197	4.813375	5.073572	4.770963	5.965566	6.022356	4.233212	4.929084	5.23466	6.198523
3.556105	4.060859	4.465863	4.273828	4.378718	3.457939	3.920828	4.074553	3.942649	3.905797
2.506974	4.516564	4.126504	3.099541	3.510212	3.026572	4.098351	3.581354	3.6539	3.108095
0.663455	1.478956	0.587949	0.986046	0.817606	0.49563	0.350574	0.92633	0.930159	0.41943
3.376284	5.930061	6.466728	2.293578	5.202457	1.751247	3.581888	2.923006	7.500649	2.253616
0.173261	0.004922	0.036615	0.036615	0.004922	0.015591	0.015591	0.026154	0.004922	0.036615
3.868811	6.515669	6.293394	4.922844	5.11367	3.045256	4.526033	3.812162	6.933018	3.163016
3.201481	4.375872	4.412371	2.796482	3.815647	3.843805	4.077241	3.263705	4.309137	3.656374
3.232413	4.968842	4.870476	3.958034	4.027537	3.441162	4.27553	3.834176	4.879183	3.514845
1.363854	3.500957	3.239618	1.164292	2.353311	1.232424	3.120254	1.466161	3.5068	2.20773
5.38771	5.528326	5.251172	2.569206	4.888083	5.471953	4.887255	2.017843	4.914778	4.460932

3.05094	1.528465	1.26008	0.704848	2.203857	2.791618	1.554612	1.15844	1.204612	2.214209
0.127483	0.001022	0.048549	0.309591	0.001022	0.001022	0.42594	0.149122	0.083009	0.346595
3.050554	3.859965	4.200029	3.078672	4.658113	4.084323	3.723386	3.694271	4.463328	3.999721
0.232732	0.293357	0.468347	0.232732	0.66061	0.232732	0.232732	0.232732	0.382102	0.552228
0.021264	0.076739	0.348158	0.507251	0.156075	0.116963	0.290885	0.194134	0.279147	0.194134
6.05094	6.888258	6.220841	4.107899	6.713851	6.24846	4.890029	4.287453	6.314893	6.021957
2.74774	3.548453	4.005634	3.590866	3.326966	1.753364	3.691473	3.528744	3.402878	2.755925
1.682918	2.31477	1.941707	1.729263	2.172389	1.160544	2.764076	1.641636	2.332094	1.669323
1.610891	0.922296	2.456496	0.557767	1.435951	0.844642	1.214144	0.47802	1.640342	0.704074
6.320403	7.871966	7.186757	4.031367	6.977115	6.186208	6.52233	3.541883	7.693155	6.580617
0.000439	0.036611	0.054432	0.207449	0.000439	0.000439	0.036611	0.157854	0.072081	0.106875
0.389215	3.077066	2.357888	0.204869	2.105983	1.076694	1.637363	0.039241	2.821537	1.266233
3.637085	3.36689	2.715678	1.463666	3.201932	3.993449	2.195576	1.69533	3.571053	4.324006
6.003158	6.710226	6.044059	3.112977	6.333644	6.549136	6.121094	3.428911	6.226344	6.220637
0.620989	0.323659	0.355536	0.301973	0.268762	0.07601	0.355536	0.114356	0.268762	0.257504
0.473709	0.482615	0.138413	0.029325	0.149979	0.291517	0.455709	0.016609	0.138413	0.428225
2.757596	4.925164	4.683149	2.496448	4.628834	3.909023	5.192776	2.838047	4.625553	4.44953
3.770403	5.27655	5.433145	4.389266	4.767557	3.874393	5.476847	4.407462	5.567327	4.880785
0.400657	0.094268	0.128547	0.022728	0.070877	0.034942	0.205027	0.022728	0.569582	0.070877
10.97555	9.903163	9.735746	6.661638	10.60913	11.39876	8.969618	6.485125	9.551804	10.70366
4.811106	4.813413	4.582132	3.181554	4.748016	5.354794	4.402922	3.606905	4.891665	5.267692
0.54648	2.868347	2.608961	1.411839	4.084083	0.214396	0.668904	0.368134	3.69675	0.55629
8.775395	7.79435	6.669064	3.31265	7.478162	8.375407	4.610297	2.772421	7.345407	7.356218
2.039012	3.717422	3.269356	3.116201	3.334367	2.280957	3.197822	3.527787	4.035521	2.841173
1.886442	4.190868	4.192627	2.702642	3.352297	2.260757	4.037992	2.542728	4.339569	3.381404
1.570469	2.043819	1.599709	0.639724	1.356105	1.247505	0.978579	1.166106	2.60963	1.442098
0.355794	0.190285	-0.0264	-0.0264	0.022485	-0.00994	0.006351	0.069963	0.482092	0.175715
0.513759	0.556199	0.492076	0.458946	0.858049	0.447736	0.390382	0.378641	0.281211	0.26857
3.273618	5.962419	6.042969	3.448779	5.120619	3.179325	5.728409	2.476527	6.007595	4.090678
1.508252	4.345104	2.407009	2.530058	0.961571	1.293244	4.116882	3.190493	3.884175	1.299786
4.571692	3.489839	2.598709	0.108527	3.724569	4.190868	1.917297	0.630355	3.532742	3.778925
5.869932	3.838828	4.527068	3.751914	3.585379	4.895565	4.720033	4.444124	5.076207	4.956407
0.520593	2.648763	2.882571	0.747045	2.234396	0.346726	0.238693	0.18791	1.134085	0.135246
3.426667	5.101705	4.838529	4.483299	3.560123	4.035558	5.278884	4.751476	4.165726	3.509082
2.854919	1.321281	0.774314	0.050389	2.476759	2.709208	1.551562	0.067592	1.540083	3.663262
3.322703	3.599669	3.180913	1.852962	3.747739	3.251419	3.132549	1.981803	3.735699	3.635842
2.388025	3.129906	1.427545	0.67339	1.592769	0.840487	2.167755	0.324056	1.905545	1.303314
0.381409	0.765441	0.618858	0.372317	0.890095	0.335241	1.574295	0.372317	1.454987	0.518198
4.447317	4.766938	4.708631	3.182314	5.011928	5.349553	4.86222	3.947734	4.171324	4.796482
3.897262	5.814677	6.471651	3.438992	5.053453	4.725196	5.161005	3.549208	5.696974	4.49212
1.177227	1.493774	1.026312	0.238513	0.748621	0.284909	0.649546	0.165625	1.533252	1.006953
3.762884	3.997055	4.929284	4.917693	4.359621	2.360317	3.290886	4.078861	5.920539	2.055777
5.785664	7.297184	7.472147	4.939323	7.24506	6.195717	7.434746	4.425317	6.691837	6.888554
0.545191	0.046592	0.151874	0.140595	0.310127	1.648656	0.021971	0.070747	0.174139	0.021971
3.231796	3.464654	2.528521	3.257745	2.685739	2.880738	1.94631	2.784595	2.480264	3.162022
1.414644	3.251498	3.278227	1.001836	1.953166	0.715326	1.329087	1.329087	2.344966	0.830074
1.356019	3.180328	2.606641	1.725264	2.228337	1.047308	3.115594	1.498788	2.565199	1.537726

2.439074	4.374584	4.098767	3.549764	3.398619	2.792292	3.67172	2.829461	3.681721	2.93734
2.094598	3.125555	3.415074	1.084771	3.876321	0.28895	0.71749	0.910349	4.24444	2.580531
2.011689	3.515867	2.849126	1.968123	2.218334	1.485987	2.360852	1.772099	1.855123	1.849748
2.500152	3.91215	4.181328	1.884398	3.541483	2.802693	4.05383	1.691477	3.806591	3.671019
9.929552	9.866776	10.25933	6.221402	10.19658	10.28477	9.218991	5.927222	9.105662	10.32475
4.029579	4.712267	4.851673	3.167678	5.331507	3.945687	4.6479	1.92414	4.643404	4.552712
1.688066	5.247256	3.661281	2.277391	3.015197	1.500604	2.242962	1.47055	4.209599	2.000824
7.920123	7.534431	8.03387	6.013478	7.03347	6.708435	6.587339	5.419375	6.973226	7.630108
3.768644	4.374297	4.191983	3.068014	3.957838	3.944325	3.247171	4.030944	3.477505	3.80342
2.393102	3.202375	3.395462	3.587274	2.844975	2.375931	3.499846	3.45096	3.301052	2.555698
2.296784	0.12088	0.441852	0.479254	0.890001	0.328517	0.595579	0.995183	1.469233	1.11235
1.55807	2.810287	2.866008	1.436034	2.2459	2.136481	2.770084	1.65005	3.212741	2.404517
3.22475	4.051936	3.826953	2.518465	3.98663	3.28516	3.80093	2.717741	3.731576	3.553739
3.016024	3.296838	3.172385	2.410776	2.700975	2.510048	2.767827	2.185466	3.175694	2.776082
1.157213	1.598846	2.074179	0.826329	0.958392	0.977938	1.717584	1.552475	1.579749	1.016071
1.729182	4.036694	3.807198	1.717753	3.096883	2.27157	3.105797	1.700399	4.111116	2.358206
1.411613	1.745338	1.448804	0.829817	1.476871	1.238725	1.50808	1.411613	2.004815	1.28697
2.718521	1.746624	3.875647	2.922256	3.105343	1.323651	2.945817	2.714991	3.591952	2.876791
4.976364	4.025332	3.822666	4.164522	5.464341	4.480201	4.939586	2.726737	0.028924	4.144874
4.462728	4.146777	4.038083	2.567817	4.502987	4.905432	3.659582	3.060989	3.641679	4.797228
0.674241	1.927367	1.302539	0.890515	1.094504	0.868978	1.968659	0.465268	1.37829	1.044825
4.661521	4.358802	4.718572	3.077312	4.771521	4.631539	4.317092	3.14708	4.591949	4.800764
2.084366	3.584833	2.651331	0.718172	1.673931	2.156522	3.414018	0.955704	4.816204	1.539238
5.181564	5.127602	5.288612	2.693316	4.415148	4.775124	5.233708	2.728027	5.006297	5.174385
4.551223	4.044734	4.726069	5.088545	4.3599	4.690185	4.306175	5.011127	4.009979	4.65606
2.84982	4.35615	4.455763	4.693282	3.562374	3.02938	4.486247	4.558379	4.2008	3.483333
2.865579	4.652099	4.912152	4.965688	3.766394	3.340435	4.273203	4.138408	4.243733	3.824765
6.343022	5.444838	4.876421	4.60162	6.204005	5.871757	4.781544	4.633102	5.706314	5.91239
7.064618	6.006357	8.4141	5.362895	5.901311	4.633768	5.035967	4.893954	6.576368	6.301445
2.575012	3.361699	4.407678	4.671802	4.242884	2.712635	4.831699	5.99929	4.207136	3.987408
2.963252	4.422055	3.824917	1.642133	3.37449	2.984295	4.151498	1.536327	4.037146	3.288495
4.74651	4.770406	4.696851	4.696851	4.212112	5.453849	5.085206	5.734564	5.591029	5.560827
1.764665	2.299429	2.411004	1.287926	1.681588	1.493807	2.491841	1.328345	2.220163	1.746739
2.332024	3.443467	2.981465	1.93241	3.083619	2.422105	2.909696	1.47589	2.961881	2.83501
1.877608	3.150718	3.043294	0.605306	2.318383	2.072435	2.994587	0.554975	2.581413	1.943486
4.616816	3.812538	2.856563	1.514114	3.887449	3.57161	1.769737	1.29837	3.522379	3.974951
0.55155	0.813235	0.172726	0.228767	0.019104	0.08308	0.255779	0.228767	0.611561	1.585531
4.064468	5.285153	5.078136	4.074423	4.355694	5.151768	5.359467	4.122111	4.696896	4.525243
3.043981	4.65364	5.267015	4.040778	4.24495	3.595681	5.025574	2.87955	4.53537	3.59165
3.794537	5.590498	5.81036	3.762684	4.923678	4.530336	5.939548	4.30029	5.325228	4.335264
0.05369	0.338658	0.025785	0.035175	0.950268	0.789501	0.324804	-0.02254	0.274728	0.198494
2.509872	2.193826	2.121643	0.621129	0.539994	2.787597	2.031194	0.604204	1.613695	1.616121
4.468624	3.929342	3.829992	2.543164	4.369719	4.332868	3.13505	2.429676	4.014593	4.706578
3.933102	5.582957	4.9855	2.740084	3.941929	4.434501	3.282221	2.189579	5.709202	3.892103
2.518064	1.768863	1.830519	1.646854	2.503883	2.446912	1.802654	1.155708	2.371263	2.969518
3.815542	3.150259	3.519852	6.087254	2.291924	1.876793	3.435131	4.447787	3.492402	2.779231
5.195418	6.748343	6.829372	4.481917	6.574634	5.599955	7.180483	4.488991	7.185234	6.063914

2.038072	2.777688	2.669181	2.033547	2.520036	2.157953	2.427829	2.782382	2.645647	2.103866
0.486249	0.665644	0.933757	0.68974	1.251284	0.315115	0.402915	0.603804	0.892009	0.782732
3.549257	4.708428	4.785923	3.558186	4.489021	3.940372	4.301448	3.713314	4.636106	4.082283
2.024663	4.222701	4.076028	1.964804	2.999714	2.040396	3.731828	2.081203	4.499934	2.657722
2.4061	0.829998	1.780051	3.206088	0.61336	0.952596	3.632235	2.958456	0.781042	2.311536
1.928261	2.67915	3.042159	0.778347	2.146393	1.116469	2.048913	1.02047	3.726142	1.596858
0.216623	0.191241	0.098724	0.098724	0.22915	0.057188	0.057188	0.043073	0.191241	0.071166
4.974706	5.945757	5.837561	4.134131	5.748785	5.345725	5.607748	3.59212	5.554208	5.783575
5.775274	6.871224	5.035127	2.602385	6.036402	5.398693	2.714913	1.328746	5.688599	5.50014
5.29878	6.751864	6.611564	4.149938	5.771232	5.723704	5.870432	4.171244	6.057531	5.637178
4.216039	5.904646	4.832709	4.394279	4.797898	5.149874	5.112358	3.996224	5.172883	4.103333
5.932921	3.863299	3.646373	3.255624	4.470981	4.582466	2.85759	2.864536	3.777228	5.459809
1.804476	3.530189	3.42279	3.449776	2.3751	1.989589	3.132787	3.411547	3.131148	1.924573
3.711581	3.562642	3.28942	3.826363	3.833609	3.946888	2.936607	4.110226	3.392037	3.891041
0.049712	1.798897	0.345635	0.075068	2.192322	0.314779	0.385651	0.239754	0.706347	0.194822
1.869784	-0.04705	0.085033	1.883968	0.506415	0.168343	0.944268	1.565922	0.005557	1.645398
0.569001	2.21714	0.833614	0.929804	1.38129	1.034145	1.821687	1.097277	0.952837	1.190072
4.907119	3.72536	2.528473	0.146292	2.779637	1.834664	1.194924	-0.21643	4.145653	3.043944
6.540544	7.128711	5.729411	5.269363	6.825665	7.026903	6.133441	4.858318	6.288436	6.496449
4.012519	3.726335	3.423924	2.825185	3.971695	3.252313	2.773831	2.843957	3.428982	4.212077
3.383183	4.397284	4.433743	3.700367	3.172808	3.01597	4.142278	3.334178	3.172808	3.393012
4.145751	3.830945	4.259149	2.785259	3.41954	3.233981	4.514646	2.982479	3.853005	3.44865
2.989715	3.361137	4.08648	1.721229	4.567865	3.180997	3.764164	1.630574	4.277959	4.155219
1.682159	3.056784	2.726763	3.352506	2.374243	2.290468	2.792874	3.162112	2.703949	2.166371
5.590311	4.795227	5.189327	4.249042	5.392085	4.312447	3.992636	3.407102	3.752513	5.817755
2.163248	4.38192	4.601075	3.4152	2.092088	2.981905	3.422873	5.085351	3.780002	1.342567
2.457783	2.754661	2.389168	1.849352	2.356938	1.892721	1.730413	2.006345	2.61141	2.262325

CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13
1.250367	0.38819	0.727849	0.322023	1.326615	0.913849	0.333283	0.398903	0.57824	1.337157	
1.355128	1.24983	1.896351	0.8612	1.9487	2.35587	0.691656	1.312698	1.396342	1.349142	
5.725582	6.056601	6.085116	5.467557	5.899483	5.729424	3.094557	6.672754	5.993589	5.819668	
3.553208	3.310977	4.197284	3.159458	5.486545	4.123634	-0.03213	5.137507	2.845874	4.183548	
1.723522	0.556693	0.924375	1.290058	0.556693	1.530061	0.73532	1.284044	0.780808	1.431897	
7.101073	7.157229	7.216321	6.900613	7.261276	7.139956	5.133395	6.877349	7.396123	6.756507	
6.639645	5.793647	6.012483	6.116909	6.613391	7.156979	4.560612	6.421473	6.174136	5.99141	
0.594405	0.650849	1.705257	0.700039	0.549975	0.569955	0.876451	2.664495	0.524448	1.596376	
0.083552	0.009871	0.107188	0.47971	0.271639	0.208401	0.497032	0.009871	0.186599	0.197547	
6.055889	5.342606	5.890888	5.598011	5.569097	5.173706	2.76371	5.790425	5.853276	5.67953	
5.169979	5.351856	4.849649	4.689529	4.778853	4.861191	2.820894	4.60346	4.943904	4.505282	
3.014393	2.335572	3.249527	3.584903	2.653329	3.871977	1.798025	3.389516	2.782468	3.750927	
2.859159	2.402334	2.886705	1.778173	3.575027	3.457184	1.732992	2.010283	1.896038	2.611452	
3.153035	4.038289	3.337069	3.148277	3.916468	5.306925	1.084417	4.477897	4.224571	3.308352	
5.509066	6.335993	5.138026	5.685233	5.629967	6.788463	4.351601	4.577725	6.331173	5.968046	
3.829873	3.360045	3.556469	3.543943	3.095898	4.449285	1.561647	3.325873	4.249016	3.588166	
1.296663	2.20781	0.918819	1.339468	1.017096	2.965903	0.485348	0.824629	2.038605	1.117931	
8.395028	8.662595	8.512651	8.055036	9.528861	9.132172	6.523067	8.605469	8.717845	8.235361	
5.378108	4.450676	4.554548	5.077141	3.932721	5.214102	4.411784	3.795616	5.500805	5.831102	
4.293463	3.752553	3.558408	4.587255	3.199434	4.572267	2.414342	3.979494	3.994377	4.535242	
3.272132	3.362263	3.25485	3.536588	3.020718	3.621321	1.788453	3.031629	3.322281	3.374926	
3.207145	3.46236	2.973149	3.70219	2.922814	3.483085	2.737737	3.424438	2.507506	4.042902	
3.328036	2.615329	3.210521	3.069923	3.028115	3.103723	1.587449	3.2666	2.952445	3.034974	
0.157856	0.208485	0.067953	0.425006	1.05793	1.698593	0.564931	0.438484	1.187678	-0.02992	
3.945128	3.263801	3.887783	3.647186	3.421944	3.881374	1.667547	4.069203	3.590194	3.674134	
3.131775	3.433214	2.415399	3.235722	3.208557	4.359786	2.62304	2.421685	4.00754	4.278565	
1.721795	0.826707	0.683033	0.918633	1.752289	0.968395	0.555506	0.819887	0.588574	0.572145	
6.414861	6.27244	4.417822	4.987188	3.814915	5.512489	3.396442	5.032478	5.492126	4.888783	
2.878568	3.343076	3.111673	2.646902	2.02525	2.645708	4.323758	4.564686	2.084234	3.846294	
4.931651	4.306458	4.297313	4.308041	4.595987	4.096087	5.850734	4.436884	4.190836	4.025088	
4.470321	2.927881	1.456621	1.871371	3.611032	3.900087	1.068952	1.35145	2.929582	2.208805	
4.353048	5.097639	4.963009	5.145797	3.733272	5.088976	2.889904	5.46974	4.682484	5.609854	
5.706002	5.799077	5.081477	5.170991	5.277266	4.796464	3.98624	4.871939	4.621324	5.431916	
3.752281	2.567201	2.789339	2.352251	3.117381	3.670699	1.880967	2.621962	3.155688	2.994736	
2.779647	1.911073	3.623205	1.599081	1.752041	5.06087	1.55964	4.287225	1.723512	3.727098	
2.959969	1.834279	2.128637	2.655977	2.249629	3.572016	3.581712	1.658376	2.614519	2.606811	
5.616617	5.319908	5.931399	5.286664	5.646647	5.133264	3.444298	5.884378	5.532963	5.549862	
4.143378	4.623802	4.060781	3.862376	4.301748	4.863037	2.428998	4.37003	4.553107	3.823265	
4.979131	4.961894	4.593163	4.180891	5.975278	5.627479	2.93059	4.756267	4.896217	5.085154	
0.033927	0.093216	0.033927	0.078608	0.048966	0.454067	0.018737	0.107686	0.078608	0.107686	
0.906417	0.472298	0.873365	0.472298	1.412604	2.555269	-0.03602	0.259048	0.391504	0.201663	
2.634674	2.369702	2.975498	2.026025	2.321288	2.488595	2.247173	3.410984	2.525859	2.477743	
2.051481	3.395364	2.691704	1.772014	5.224742	4.230593	0.397256	2.114838	4.094273	2.042145	
0.440114	0.963398	0.844778	1.113649	0.777239	0.74514	1.203672	0.691787	0.678042	1.025937	
1.335656	1.534843	2.176488	0.314617	0.405868	1.150701	0.246395	3.019361	0.721425	1.744402	

10.97143	11.10283	10.35383	10.51816	12.56419	12.09052	7.060922	11.22017	10.56531	10.22641
5.685446	5.343077	6.519706	6.293308	5.26686	3.755792	3.635154	7.516812	4.800241	6.964481
4.405616	3.382518	4.769745	3.674937	4.781496	3.453184	1.226018	4.512065	4.071972	3.919561
3.305892	0.869089	0.631527	0.997659	0.140799	1.590549	0.339825	0.910207	1.259922	0.782144
0.860629	0.714932	0.630934	0.784712	1.378318	1.410565	0.292544	1.138164	0.371852	1.766131
1.263118	0.413239	1.725214	3.498787	0.94551	0.592493	-0.0458	0.592493	0.315221	0.8186
2.780633	1.662095	2.075391	2.37614	1.475365	3.020812	1.827797	1.949525	2.219669	2.460013
4.944781	4.804403	5.036776	4.777509	4.777509	4.410396	2.35026	5.189246	4.359338	4.697931
4.633507	4.237492	4.576195	4.815971	4.10897	4.775974	2.539504	4.530072	4.49477	4.535936
0.628794	0.102778	0.328314	0.102778	0.029448	1.294293	0.029448	0.145118	0.412166	0.726424
0.919122	1.98626	0.755152	0.064176	1.389825	3.952421	-0.06898	0.899799	4.099815	0.42267
5.650189	8.041788	6.759739	7.380583	8.452107	7.757588	5.00119	7.737164	7.692363	7.448705
8.256415	8.820831	9.050846	9.32335	9.126421	8.432176	6.327408	9.036673	8.775588	9.137492
5.115727	3.583272	4.757589	3.703627	4.537034	4.004682	1.63134	4.761114	4.175894	4.005142
1.828981	2.267703	0.938149	1.578027	1.103898	4.804805	1.034582	1.463154	1.894141	2.049484
4.971459	5.757996	6.231085	5.15028	6.717731	5.100952	2.797233	5.902127	5.901876	5.291751
3.096021	2.335821	2.631284	0.828778	2.847425	5.607895	0.192963	2.264386	3.755731	1.33664
4.349636	4.150207	3.135988	4.058031	2.402271	4.527983	2.906206	4.02753	3.217081	4.160017
0.266252	0.857156	1.151017	0.705865	1.574157	1.154196	-0.09175	1.98265	1.554462	0.921749
7.553651	10.11479	9.160311	8.25682	10.39111	8.27894	5.590385	9.676448	10.51211	8.218789
3.370068	3.44662	2.543663	3.571953	2.615624	4.314476	2.944718	3.116702	3.342906	3.306475
4.813129	3.787143	3.86047	4.183625	3.281643	4.747012	2.504102	3.755892	4.035261	4.280911
1.887011	1.647863	0.513455	0.694611	0.399141	1.372881	0.777233	1.816868	1.047545	0.413249
5.313999	5.035701	5.62403	5.640379	4.998118	5.577422	3.139924	5.782967	5.483971	5.590101
3.513321	2.959318	3.938357	3.830359	3.050801	3.708749	2.825402	4.620593	3.100409	4.218502
3.1405	2.434732	1.697304	1.880038	3.662609	4.347144	0.565723	2.293217	3.194462	2.905948
3.549912	2.999859	3.300224	2.432939	3.421538	3.14501	1.61693	2.891747	3.510091	2.450523
4.518011	4.475728	5.556345	4.248079	4.443388	3.894398	2.181347	6.764815	4.851439	5.257081
4.280585	4.115075	6.304726	4.281217	6.023368	4.82865	2.778085	6.374187	2.406465	4.937836
3.488004	3.360895	3.312888	6.374645	3.043642	5.223597	1.915654	5.85185	3.883981	4.408229
2.599637	3.912776	3.301207	2.159407	4.667148	2.828823	1.856499	2.696	4.82622	2.653365
3.591622	3.111286	1.97211	2.973014	3.258104	4.82541	1.795518	2.694158	3.573087	3.325357
3.402922	2.533017	2.372866	2.756806	1.88191	3.393002	2.961773	2.736632	2.886599	3.467314
3.45654	3.471804	3.380304	3.524601	2.844624	3.638798	2.974753	4.175679	3.54602	4.019299
2.180356	2.439749	2.493499	2.298606	2.265918	3.203334	0.93671	2.801968	2.119044	2.271763
5.200805	4.38762	3.818469	3.592538	3.956721	3.776635	2.673345	3.80645	3.909757	3.410935
7.871153	7.678141	8.247797	7.341901	8.539243	7.699795	5.021759	7.870171	7.333909	7.460205
1.776168	1.082345	1.002217	0.945756	0.616704	1.74632	0.378292	1.467931	0.952957	1.734939
5.515432	5.079682	5.965309	5.368143	6.35674	5.325958	4.103234	5.042953	5.650712	5.173049
2.117863	2.90928	0.722657	0.722657	0.203056	0.744653	0.288207	1.28976	0.123715	0.692742
3.820586	3.487954	3.072354	3.908048	3.229204	4.481893	2.473167	3.610202	3.578424	3.816007
5.227779	4.726089	4.066839	3.16902	4.694021	2.909656	0.442259	1.966586	6.844802	3.326924
3.143808	2.947466	1.717511	2.151662	1.824319	3.989899	2.109759	2.090945	1.49662	2.10709
3.442783	3.544973	3.196667	2.759689	4.035248	3.774556	1.952499	2.831538	3.421815	2.900468
3.960181	6.372212	4.901341	4.777937	7.935596	6.791015	2.746596	4.308062	6.759647	3.001108
0.964217	0.814384	0.051625	0.347857	0.267836	3.666075	0.051625	0.582173	0.619144	0.182878
2.635086	3.330682	3.560053	2.655167	5.471063	4.162403	0.866838	2.721817	3.734748	2.830998

0.181671	2.861808	0.259683	0.473543	4.273167	2.593973	0.181671	0.348621	0.37722	0.98536
4.188282	3.814847	3.432301	3.482123	4.792203	6.862026	1.397944	3.657037	4.01305	3.968799
3.238736	1.85868	1.665496	1.249919	2.414413	1.567417	0.748913	1.951412	1.83676	0.985994
4.323039	4.348918	3.533255	3.073823	2.994463	4.157121	2.794317	4.096008	4.076959	3.549833
2.756257	3.247807	2.87875	3.072867	2.482409	3.790613	2.001166	3.894583	3.009192	3.292441
6.380184	5.8603	6.724803	7.069011	6.058421	7.381918	5.398784	5.372109	4.504003	5.81823
2.196113	4.883123	2.550869	2.419304	3.108312	5.325361	0.547142	2.416271	4.179692	2.573622
6.707789	7.603992	7.40247	7.249617	6.461624	4.391933	6.805641	5.716841	6.042354	7.139924
3.416509	3.932456	1.383698	3.178534	2.62607	4.610806	0.99326	4.274013	2.887252	2.060838
2.725473	2.643674	2.067625	2.078213	1.850164	2.553991	1.668369	2.1008	2.630113	1.882256
4.594245	2.711434	2.79251	4.185536	2.409797	5.054455	2.232417	3.467318	3.247806	3.877222
0.36035	0.36035	0.103917	0.149655	0.399311	1.45404	0.072671	0.072671	0.072671	0.306858
8.303802	9.092261	8.865546	8.590636	8.816354	7.82396	6.516345	9.159985	9.067513	8.431275
4.695058	4.124605	4.723633	4.880482	4.12123	4.764842	3.066873	5.153439	4.111521	4.884971
3.925315	4.363399	3.12868	2.708783	1.760848	4.961817	1.362252	2.570986	2.471319	2.960092
1.173465	0.967554	0.429416	0.636386	0.878671	1.968085	0.159567	0.741915	0.931222	0.636386
4.723661	3.891644	4.491566	5.216318	3.421517	5.412846	2.856125	4.797746	3.972852	4.904237
1.432943	4.423434	2.092527	0.90001	1.788719	5.495355	0.437101	1.86542	4.186454	0.975422
3.167594	2.895812	2.739759	2.611261	1.966053	3.455435	2.251188	3.685629	2.964277	2.762646
3.084075	2.984447	2.771057	3.444077	2.549606	3.728384	3.234163	3.060775	3.085514	3.29836
0.047664	0.011882	0.212247	0.232593	0.08242	0.011882	0.08242	0.639912	0.011882	0.08242
0.029523	0.029523	0.029523	0.062618	0.029523	0.610373	0.062618	0.040664	0.062618	0.051695
3.946389	2.155245	3.442356	3.793651	2.861501	3.823817	1.935619	2.897968	1.67967	4.878
1.773597	2.768343	4.56521	3.849328	4.830014	3.399864	1.482342	2.590397	2.486202	3.496036
2.773831	3.095697	2.549579	3.750821	2.838052	4.087709	2.600345	2.589625	2.457869	3.557945
3.502772	2.62237	2.932527	3.731771	2.242423	3.046776	1.772876	2.704944	2.771888	3.368318
4.401084	3.299397	4.001924	4.279557	3.857058	4.825713	1.928973	4.055899	4.148987	3.861259
6.728258	7.149424	7.442866	7.053541	7.836389	6.282376	4.290188	7.19312	7.145564	7.108737
0.01857	0.01857	0.108254	0.01857	0.01857	0.095807	0.01857	0.314353	0.01857	0.108254
1.241488	1.61571	1.214506	0.457791	2.764026	2.996299	-0.01006	0.797789	1.384313	1.090369
3.577261	2.3712	2.098294	3.763113	2.186558	4.126403	2.9401	2.881835	2.485398	3.314395
7.437383	5.798803	7.497209	6.950086	5.963874	6.07919	4.009047	7.965445	7.03038	7.353724
0.15621	0.15621	0.057655	0.038641	0.038641	0.103662	0.009424	0.085513	0.067027	0.067027
0.161538	1.33506	0.412711	0.317521	0.215465	3.84999	0.1197	3.292733	0.215465	0.802532
4.572156	4.404551	3.684521	4.92739	3.485605	5.267856	3.02254	4.562974	3.79707	4.48078
5.173337	5.613825	6.023186	5.437743	5.933608	5.25157	4.109822	6.307273	5.288908	5.817549
4.867523	5.065048	5.642031	5.056002	5.682914	5.096342	4.740915	5.239838	5.211339	5.423478
4.247693	4.772203	4.247693	4.850334	4.35161	4.802713	4.070214	4.587444	3.843544	4.653134
4.655183	4.0938	3.943926	4.397762	3.475087	5.47553	3.203983	4.110603	4.145885	4.363778
1.10314	0.734128	0.982407	0.879325	0.663455	2.848891	1.083358	0.738682	1.528961	0.937776
4.759771	7.923413	4.518712	3.413942	4.426237	7.504104	2.062556	5.832219	3.977704	4.543836
0.015591	0.015591	0.036615	0.077465	0.004922	0.004922	0.004922	0.107113	0.004922	0.087439
6.456849	7.524335	5.452133	5.365805	4.99659	7.857398	4.089192	6.722791	6.451521	5.808465
4.500542	4.110102	4.295157	4.454167	4.01399	4.409715	2.825806	4.549862	4.400089	4.210013
5.278603	5.267412	3.992102	4.820492	4.173375	5.930452	3.942336	4.379738	5.026317	4.750203
3.594673	2.617306	2.353311	3.174243	1.694779	3.233742	0.978821	2.727002	2.785979	3.072224
6.105627	4.537627	5.25137	4.844792	6.206293	5.414279	2.339821	5.280399	5.403242	4.988193

3.190607	1.32362	2.964944	2.010694	2.485045	3.032019	1.26008	1.887078	2.272165	2.344023
0.159799	0.025018	0.765982	0.060145	0.001022	0.071631	0.048549	0.81648	0.001022	1.020813
5.609155	3.690581	4.200029	5.05385	3.29288	4.964006	3.870339	2.920405	4.289387	4.199426
0.352806	0.323226	0.468347	0.232732	0.687117	0.232732	0.232732	0.263195	0.232732	0.352806
0.116963	0.218949	0.143157	0.314073	0.103682	0.302527	0.168875	0.929129	0.090275	0.181561
5.799157	6.789295	6.621582	6.196976	7.516695	5.467027	4.084059	6.45597	7.176047	6.031282
3.937109	3.762007	3.08553	5.036358	3.714871	4.668608	3.589874	3.749105	2.89776	4.614171
2.651497	3.239162	2.72957	2.200611	1.981383	3.491508	2.159123	3.060487	2.971448	2.783518
1.227498	0.780908	1.407293	1.298619	0.879722	2.634427	0.535471	1.923144	0.430182	1.615845
7.546839	7.160473	6.884523	6.303674	7.418919	8.669493	3.282634	6.981555	7.661122	6.804494
0.000439	0.174536	0.000439	0.141019	0.000439	0.191067	0.072081	0.255733	0.562101	0.089561
1.88019	2.708175	1.353928	1.210252	3.114063	3.951592	0.396938	1.319639	3.605472	1.502779
3.213185	2.863724	2.601505	2.863724	3.105557	3.575722	1.834039	2.309953	2.856411	2.440058
6.104567	7.444595	6.161662	5.893691	7.206526	6.647204	2.73956	6.491645	6.257963	5.716587
0.163813	0.940005	0.355536	0.246149	0.312861	2.223054	0.114356	0.919602	0.513674	0.396878
1.086593	0.066732	0.078962	0.206286	0.016609	0.95256	0.016609	0.126742	0.103075	0.371416
5.384945	4.125384	4.824777	4.669425	3.870462	5.61084	2.972072	3.898712	4.7646	4.772888
5.08905	5.333504	6.092023	5.582095	4.443951	5.37343	3.700015	7.109935	5.338712	6.515728
0.529459	0.183653	0.034942	0.047036	0.215578	0.059014	0.022728	0.034942	0.022728	0.034942
10.32489	8.954949	10.16716	9.96795	10.2551	9.495067	6.681907	9.282832	9.558637	9.448334
5.053558	4.729134	4.620608	4.505306	5.043435	4.935127	3.255816	4.040741	4.691609	4.505306
0.877726	2.899419	2.985275	0.54648	0.730609	4.997296	0.854264	3.824977	1.045528	0.789688
6.240909	8.621274	6.778295	6.208554	10.29585	7.960821	2.991301	7.186936	7.986349	5.541566
4.571695	3.233642	3.80119	3.575883	2.502229	3.56144	2.826731	3.405961	3.923383	3.74087
4.185131	3.751607	3.123298	3.263092	2.835928	3.244338	2.074324	3.870155	3.592148	3.750288
2.271974	1.995846	0.890799	0.729683	1.893403	2.414964	0.591942	0.863643	1.893403	0.858134
0.146184	0.022485	-0.0264	0.022485	-0.0264	0.355794	-0.0264	0.261271	-0.00994	0.288833
0.502957	0.255821	0.761053	0.402032	0.875023	2.311647	0.26857	1.396321	0.22999	1.298085
5.583963	5.595776	4.963402	5.110325	4.496965	5.490148	2.822979	4.949949	6.217767	5.376209
3.690317	4.340085	2.387953	2.80182	1.864812	8.044216	2.882448	3.094027	4.449507	3.950961
3.727295	3.43583	2.392353	0.86547	4.759066	2.799554	0.386023	1.204493	2.536369	0.9422
4.30001	6.379394	5.362639	5.397215	6.091194	6.588037	2.515297	5.590993	4.477884	5.521778
0.720634	2.767312	2.407293	0.806828	0.790002	4.073003	0.26342	1.767003	0.25111	1.001895
4.869791	5.90072	5.638198	5.365553	5.212869	6.26063	3.984946	4.498035	5.638198	5.272209
1.561028	2.353699	2.214099	0.939236	2.26069	1.154291	0.149387	0.838936	1.267	0.523935
3.693894	3.251419	3.509974	2.825721	3.578768	3.403041	1.735167	3.488319	3.547553	2.993839
3.365335	0.766229	1.155595	1.059423	0.487436	2.076514	0.2675	0.727313	1.589548	1.059423
0.895999	0.237187	0.42586	0.353923	0.344619	2.327193	0.468718	0.184969	0.434556	0.267457
4.111312	4.010366	5.482781	4.612901	4.963681	4.292024	3.325885	4.496296	3.764112	4.52558
5.663394	5.502535	5.228065	6.758462	6.117417	6.715618	3.65921	6.079026	5.945101	6.140465
1.0327	0.362283	0.787753	0.623538	2.023148	1.616875	0.226648	0.465326	0.748621	0.532842
4.024129	7.772157	5.028091	3.552587	4.961756	8.046972	3.117092	7.072677	3.9694	4.49014
7.014645	6.691154	7.179901	7.138743	6.689922	5.4947	5.047558	6.294597	6.528198	7.68469
0.058726	0.368328	0.486028	0.975948	0.058726	0.009481	0.196024	0.743716	-0.01587	0.339558
2.701781	2.499566	2.639535	2.876216	3.475231	3.525136	2.579509	3.117789	2.649601	3.099438
1.237682	2.330117	2.151465	1.762015	2.736487	3.443953	1.284164	1.408711	1.42055	1.596991
3.013075	3.733739	2.53398	2.612891	2.966462	4.558294	1.369325	2.720139	2.587692	2.468982

2.865554	4.141821	3.714027	4.419501	4.056285	3.684564	3.554499	3.661639	3.396833	4.247449
3.129532	2.633726	1.969462	1.46405	2.232639	4.697645	1.121933	1.798709	0.604759	1.24429
2.094713	3.286242	2.738897	3.062442	2.73341	3.366759	2.172801	3.014492	1.435299	3.572236
4.227987	3.400399	3.200803	3.699981	2.95828	4.316331	1.795533	3.30765	3.524147	3.949115
9.309502	9.534197	9.805449	9.765327	10.95731	9.627528	5.783711	9.878571	9.461324	9.448633
5.072451	4.192846	4.72441	4.325758	4.228724	4.043778	2.668069	4.66239	4.932198	5.152304
3.558636	3.245088	2.833871	2.828163	3.333337	6.208701	2.25165	3.025161	3.972386	3.473207
6.903134	7.282848	8.50472	9.092271	7.663579	7.022797	6.642662	8.030202	6.806079	8.676535
5.31167	4.173522	4.551873	4.297299	3.338485	2.972356	4.358851	2.880465	3.518877	3.87202
3.545173	2.29994	2.907851	3.327752	2.185837	3.137481	3.586522	3.531052	2.736596	3.789333
0.448173	0.2856	1.588803	0.783238	0.30009	1.45654	0.561937	2.295581	0.612027	1.537763
2.708949	2.534874	2.900993	3.036839	2.717593	3.435032	1.27333	2.941857	2.555126	3.386821
3.909559	4.291978	4.029637	4.082642	3.898938	3.952127	2.486017	4.375556	3.81437	4.44342
3.389853	2.800445	2.911186	3.25197	2.650054	3.836167	2.206072	3.263126	3.180088	3.411811
1.80962	2.081707	1.378444	2.001469	2.274833	2.940395	1.065047	2.410636	1.532594	2.382013
3.896053	2.93816	2.771401	3.721724	3.102239	4.767657	2.042158	2.51449	3.649944	3.220799
1.865033	1.814108	1.817002	1.878762	1.305681	2.305905	1.203624	1.781764	1.542144	1.710834
3.513703	2.7273	2.330817	3.824863	2.426691	3.347333	2.832745	3.441627	1.970044	3.418247
4.592262	6.53493	4.709251	3.599241	6.325362	3.595743	2.501164	5.215171	1.898698	4.399178
4.253887	4.243241	4.558907	3.9167	4.577253	4.020415	2.771404	3.906767	4.522376	3.96127
2.857869	0.966586	1.14823	1.388067	0.690931	2.753928	0.932555	1.14823	2.202823	0.932555
4.517228	4.367068	4.780477	4.912479	4.508982	4.75633	2.901641	4.634138	4.388433	4.747144
3.731627	2.421589	2.0125	3.051816	3.557356	5.911025	0.751621	2.431184	1.941189	2.727703
5.115821	5.106561	4.519141	5.068091	4.506656	5.463543	2.722325	4.61206	4.692292	4.591846
4.101084	4.068727	4.443842	5.32786	4.782358	5.058147	4.278042	5.092253	3.557573	4.811862
3.93369	4.089861	4.383827	5.106581	3.627998	5.569103	4.264981	5.147487	3.977512	5.542721
4.539638	4.684751	4.328039	5.168276	4.4457	6.148592	4.182433	4.896107	4.74156	5.237129
6.028939	5.880508	5.730682	4.986661	5.508757	5.412614	4.651151	5.057231	5.354543	4.976089
5.728913	6.161816	6.832609	7.768993	7.500933	6.936463	5.992473	7.787381	4.811379	5.935459
4.69559	3.806955	4.977455	5.701219	3.610044	3.760762	5.862174	3.251475	1.344586	5.34703
4.762148	3.454034	3.454034	3.346593	3.75766	4.088532	1.528883	3.538187	3.630668	4.072357
6.625493	7.608716	6.299745	5.506455	6.291242	6.981145	4.136813	4.742484	5.581748	7.041575
2.48032	1.989022	1.985392	3.14708	2.048956	3.302174	1.164596	2.205385	1.910162	2.794437
3.409335	3.15819	2.565178	2.679935	3.085099	3.619252	1.721748	2.53937	3.697602	2.326332
2.495553	2.60463	2.203895	2.576715	3.857638	5.616972	0.862826	2.628906	2.081983	2.210315
2.693729	4.342636	2.939774	2.227894	4.559081	3.976166	1.374237	2.384157	3.893225	1.869041
0.307939	0.103625	0.896973	0.716891	0.436297	0.85588	0.172726	0.763254	0.172726	0.324804
6.014337	5.144887	5.153726	5.467311	4.65503	5.273271	3.763016	5.403224	5.243951	5.433363
4.573216	4.630899	4.448937	5.023825	4.404209	4.58472	3.505712	4.851051	4.746985	5.159742
5.430261	5.114299	5.364075	5.963669	5.330209	5.979886	4.070869	5.492159	5.681299	5.862547
0.09852	0.443025	0.628772	0.237344	1.104553	0.274728	-0.02254	0.107247	0.586837	0.365799
0.386543	1.806094	2.566727	1.724897	2.671874	2.323563	0.308986	2.09765	1.209722	2.22035
4.295952	3.920562	3.785868	3.617147	4.113716	3.97831	2.157775	4.043528	3.789802	3.308217
4.921393	5.853239	3.344361	4.783731	6.289058	7.40433	3.724104	2.948642	5.866006	4.908547
2.255912	2.112525	1.763579	1.85775	1.958624	2.172333	1.186121	1.956372	1.96982	1.632168
3.029126	3.162855	2.913424	4.099887	3.17754	3.80302	5.625396	3.054808	3.11865	3.545793
7.455073	6.549514	6.74555	7.223705	5.737651	6.771222	4.457469	6.782523	7.199455	7.200891

3.14591	2.174089	2.508166	3.010699	2.557775	3.704711	1.757708	2.76349	2.330944	2.967772
0.431167	0.486249	0.902546	0.374168	0.431167	0.253854	0.793994	0.445112	0.68974	0.591152
4.731411	4.83296	4.614875	4.755943	4.405144	5.482666	2.849189	5.20583	5.11173	5.136003
3.701647	3.649273	3.264827	4.049513	2.800653	5.207427	2.216782	3.440036	3.845228	4.381775
0.764327	0.536121	4.250515	1.815654	0.930429	3.072335	1.037844	6.578183	2.408636	5.21503
2.465777	2.771467	1.663826	1.987392	1.984642	3.588958	0.922741	1.764284	2.847849	1.467483
0.014424	0.098724	0.085011	0.191241	0.028819	1.052955	0.057188	0.459276	0.071166	0.203988
6.390722	5.544435	5.386302	5.45908	5.116386	6.118433	3.498762	5.666281	5.607528	5.916413
4.211358	5.899077	4.132444	4.141301	8.561471	6.413845	1.891155	4.916532	5.293719	3.969239
6.400875	6.019569	6.283917	6.26213	5.951017	7.683061	4.281923	6.508886	6.975379	6.333606
5.868822	5.493011	5.809829	5.954453	5.192724	5.855422	5.085056	5.102775	4.817072	5.413062
4.001006	3.67055	3.748482	3.26886	4.371495	4.36825	2.429668	4.111832	4.285579	3.420072
3.354784	3.127865	2.622642	3.535784	2.638469	4.434972	3.291975	2.666879	3.338758	3.323848
3.346983	4.010747	3.697627	3.575904	3.381874	4.340939	3.192889	3.698629	3.246294	3.84261
0.160057	2.031258	0.08756	0.375764	0.602579	0.261642	0.049712	0.498704	0.049712	0.956303
-0.06879	0.045981	1.861599	0.005557	0.394624	-0.12499	0.342083	3.266846	-0.0152	2.083201
4.427248	0.315722	0.922039	1.196468	0.397849	4.078099	0.409192	0.81691	2.112902	0.997781
1.75092	6.747636	1.065744	2.061329	4.459522	5.513699	-0.13061	1.483697	6.572273	0.1128
6.908899	6.954704	6.891856	6.134264	7.637884	6.511534	6.045057	6.049499	6.864802	6.191343
3.929237	3.595611	3.47949	3.414373	3.803549	3.211298	2.542173	3.653836	3.559972	3.184637
4.313864	4.98614	4.479697	4.992525	4.192675	5.803473	3.598097	5.348319	6.579376	4.949491
4.719383	4.307915	3.157472	4.19192	3.242498	4.816617	2.443749	3.892368	3.769512	4.238577
3.537658	3.396775	3.221528	3.442925	2.693381	3.09653	2.218708	3.319802	3.579349	3.694132
3.850477	3.256747	2.637389	3.223642	2.182161	4.459925	3.203931	3.337246	2.550805	3.311403
4.465278	3.38813	5.465559	5.288551	4.944757	3.634114	4.35635	4.77671	3.457894	6.255139
4.265719	2.671371	4.826371	5.876122	2.695832	4.601688	4.624142	4.092408	3.916279	4.18113
3.205544	2.977495	2.173648	2.673261	1.91944	3.082819	1.636666	2.346825	2.526617	2.787272

CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_13	CGGA_14
1.545603	0.530813	0.719502	0.75258	0.344448	0.40953	0.398903	0.768814	0.624026	0.114295
2.829097	0.375177	1.384687	1.936787	0.801035	0.869594	1.079482	1.367024	1.413651	0.562959
5.9605	3.406237	5.354396	5.594583	5.327018	4.930064	5.71496	5.983918	5.556178	4.851644
5.159128	0.455235	3.029223	1.209153	3.839394	3.834919	5.113254	7.137947	2.138377	5.783691
1.826151	0.726025	0.892016	1.583627	0.567299	0.697727	0.545997	0.883797	1.18375	0.524335
7.035147	5.235134	7.359638	7.367077	7.560385	7.275603	7.128826	7.283423	7.349531	7.623402
6.04237	4.360296	5.36605	5.877456	5.921635	5.678242	5.644919	6.591323	5.754186	5.731453
1.625579	1.001459	0.415604	0.691266	0.3005	-0.09125	1.820406	2.47216	0.498282	0.19264
0.071566	0.360934	0.009871	0.009871	0.009871	0.009871	0.322024	0.604187	0.009871	0.095425
5.543911	3.081746	5.624075	5.626784	6.232877	5.381055	5.876582	5.737627	5.775231	5.362333
4.55558	2.964962	4.865807	4.887311	5.066811	4.900385	5.004691	4.892167	5.716674	5.195971
3.721744	2.310967	2.755738	3.385988	2.960373	2.196385	2.934114	3.721744	3.029123	2.660157
2.237815	0.71118	1.596214	2.227841	1.510131	1.404963	2.017513	2.541787	1.464564	0.796997
3.711985	1.323095	2.224933	1.528701	3.425969	3.365094	3.324029	5.837212	2.810988	2.84243
5.616766	4.507258	4.662896	5.970604	3.459007	3.724435	4.70593	4.877546	4.986964	3.247185
3.523808	1.698546	3.031916	3.993064	2.580691	2.891254	2.819556	3.087905	3.981246	2.623548
1.832329	0.633118	0.528311	1.196555	1.005955	0.326136	0.585915	1.152984	0.95446	0.285284
8.733585	6.76513	8.754185	8.164815	8.408255	9.182387	8.628769	8.610431	8.37525	9.101783
5.39303	5.417381	4.570986	6.087757	4.329089	3.92851	4.24483	3.824833	6.090677	3.876733
4.410089	3.078758	3.28717	4.494104	3.4116	2.447389	3.529098	3.851466	4.221891	2.436498
3.38456	1.574007	2.970119	3.625113	3.20804	2.903111	3.144504	3.29647	3.662276	2.379283
3.733337	2.790261	2.682634	4.609995	2.718492	2.110557	2.704286	3.22751	3.541365	2.371854
3.392787	2.096922	2.95688	3.246762	2.983097	2.70205	3.033605	2.943516	2.93451	2.726333
0.131645	0.893283	0.490811	0.058547	1.430891	0.355033	0.303275	0.923924	0.490811	1.050254
3.89044	1.399056	3.559261	3.354015	2.971444	3.351233	3.765953	3.964002	3.480539	3.78509
3.782989	1.556741	2.503441	3.718479	2.654374	2.500512	1.737091	2.119977	3.160733	1.796912
1.033864	0.572145	0.806138	1.227718	1.033864	0.636657	1.155709	0.620826	1.387659	0.547107
5.21153	3.502565	4.026714	5.548553	4.409591	4.070254	4.187525	5.113821	5.736798	4.279664
4.248392	4.745554	2.004161	2.322209	1.283202	1.384468	2.651662	3.955616	2.619123	1.299396
4.253724	6.172955	4.458783	4.684475	4.846953	4.572381	4.637636	4.051446	4.538381	4.975499
3.469122	0.638603	2.584874	2.490507	1.407869	2.154214	1.724513	1.875222	2.676953	1.054518
5.366293	2.765202	3.774113	5.183472	4.31306	3.26615	4.147672	5.209352	5.056564	3.409306
5.411859	3.632301	4.863711	5.445547	4.391466	5.013058	5.018318	5.093517	5.588258	4.768664
2.768847	1.567708	3.29933	2.943828	2.642743	3.023627	2.532634	3.013507	3.514292	3.463678
3.84124	1.745756	3.751149	1.71386	3.494909	3.235273	3.477831	5.31556	1.795198	2.942264
2.69058	4.108146	2.192183	2.820726	1.857282	2.149253	1.849667	1.685274	2.471266	2.358734
5.459025	3.576075	5.99325	5.402149	5.822023	6.007719	6.108544	5.638675	5.454355	6.289161
3.890345	2.592611	3.825104	3.607456	3.722953	4.135225	4.073884	4.838285	3.881105	4.339069
5.261311	2.94438	4.957408	4.43748	4.59834	4.147773	5.138745	5.075246	4.457007	4.704372
0.107686	0.018737	0.033927	0.063859	0.033927	0.018737	0.033927	0.063859	0.122019	0.018737
0.161817	-0.03602	0.980158	0.26835	0.510735	1.059215	1.398289	1.059215	0.448628	0.756085
2.373655	2.826251	2.631462	1.432998	2.69725	1.835589	2.912767	4.206148	2.610383	2.827628
3.956744	0.245587	3.398327	2.750895	2.020864	3.735071	2.525339	2.597659	2.099315	1.786663
1.528092	1.050998	0.43153	1.475056	0.530435	0.351163	0.396522	0.414163	1.27082	0.369528
1.75601	0.333425	0.82528	0.53894	0.615258	0.062737	1.371869	3.775226	0.276104	0.423322

10.87003	6.370907	10.77186	10.39857	10.15201	10.84938	10.40704	10.93738	10.57034	10.19886
6.931245	3.538866	5.195824	6.047801	5.363711	4.763347	5.489683	7.021445	5.77817	4.157515
3.972042	1.20998	4.820928	3.582391	5.084201	5.412745	5.01993	4.476763	4.089578	5.097007
1.218244	0.537647	0.502163	1.702058	0.847963	0.487656	1.065762	0.741927	0.969244	0.244627
1.176019	0.55331	0.358926	0.319455	0.265135	0.459307	0.447125	0.99326	0.683989	0.371852
1.034969	-0.0458	2.403711	0.646275	0.299332	0.361552	1.117675	0.843237	0.516418	1.305478
2.39672	2.053078	1.744415	2.747488	1.65391	1.013555	1.518241	1.851924	2.581426	1.211787
4.847171	2.804831	4.823276	4.122634	4.944781	4.637353	4.688723	4.896003	4.115103	4.587808
4.59162	2.328638	4.186044	4.501758	4.24432	3.479366	4.224591	4.024215	4.536153	3.258815
0.226379	0.029448	0.102778	0.435289	0.029448	0.088396	0.029448	0.186298	0.186298	0.117024
0.749654	-0.0057	0.092934	0.824461	1.778626	0.260755	0.46522	2.205678	1.105355	0.546087
7.335361	3.068222	8.677316	6.730235	7.292724	8.009276	7.270289	7.596379	8.131471	7.461297
9.580225	6.141797	9.066358	9.17514	8.977945	8.882064	8.955653	8.818869	8.966486	8.999248
4.287203	1.758272	4.503932	4.354125	4.300045	3.920327	4.825897	5.161836	4.732789	4.725755
2.43477	0.914769	0.866619	1.952638	0.582129	0.55072	0.874777	1.578027	1.828981	0.485368
5.405961	2.900407	6.576688	5.11196	6.316067	6.716649	6.598062	6.30648	5.049276	7.047157
2.327972	-0.36657	2.572617	2.097271	2.513713	3.360139	0.381323	5.234494	2.412576	0.490017
4.262196	2.871079	2.737792	3.627502	2.9584	2.238123	2.8782	3.169995	4.011638	2.536523
1.338013	-0.05309	0.647088	0.361529	3.815667	1.179311	1.316302	1.627088	0.869558	0.86544
9.09022	5.345538	10.11144	6.569405	8.506007	11.34512	10.08006	10.24237	8.023836	10.87499
3.442468	3.067371	2.259474	3.802271	2.298698	1.710833	2.464037	2.713973	3.189683	2.210314
3.974251	2.498417	3.530249	4.433256	3.80316	3.704565	3.508033	3.644206	4.475015	4.038839
0.853868	0.980028	0.230107	1.256362	0.853868	0.427171	0.551023	0.650748	1.275145	0.639492
5.863661	2.925746	5.06247	5.536621	5.198064	4.5556	5.169317	5.410549	5.578515	3.778983
4.159941	2.975314	3.178125	3.795308	3.474192	2.612675	3.654558	4.3044	3.505934	3.154696
3.577045	0.355898	2.993656	3.441276	1.8596	3.215908	1.760364	2.112394	2.647053	2.593089
3.358518	1.674493	3.292618	2.655178	3.316512	3.047072	3.545453	3.709734	2.985344	3.363277
5.206519	2.762802	4.362485	3.467846	4.251307	3.718996	5.142917	6.154741	3.678614	4.169207
5.972035	2.719005	5.308288	2.236704	4.918662	6.270232	5.430318	7.409191	3.509658	4.146747
4.010624	0.87241	2.870462	1.338295	2.342924	2.151773	3.571895	3.533495	3.337113	1.287606
3.024784	0.539455	3.011119	2.745862	2.709071	4.380377	3.43874	3.341298	3.196126	3.140879
3.330254	1.712083	1.575097	3.172157	2.520039	2.053962	1.846279	2.975197	3.151575	1.568173
3.186296	1.854648	2.192277	3.158323	2.1183	1.660059	2.045284	2.467046	2.822934	1.842744
3.918125	3.02365	2.256168	3.548037	2.560376	2.141941	2.948552	3.579809	3.662596	2.249376
2.166448	0.961608	1.455806	1.516691	2.034371	1.268719	2.125793	2.644983	1.530859	1.852256
3.654036	2.966857	3.897599	4.166372	4.20027	3.706956	4.214203	3.958474	4.37599	4.128091
7.494891	5.142024	8.460318	7.438873	7.836874	8.393892	8.455138	7.803128	7.661545	8.425403
1.851248	0.466535	1.036238	1.589492	0.498065	0.616704	0.960115	1.2625	1.126793	0.680987
4.980736	4.033958	6.610108	5.363891	6.435248	6.434162	6.334139	5.173248	5.31843	6.960245
1.265569	0.434314	0.180874	0.277861	0.606765	0.256921	0.822283	0.794584	0.387401	0.759115
4.070574	2.23637	2.451643	4.323777	2.813253	2.752054	3.002751	3.085083	3.954877	2.37993
3.415371	2.018312	3.757443	3.139233	2.010884	3.054174	4.329368	2.962959	3.859079	3.430521
2.534431	1.757815	1.510049	2.409248	1.861162	1.24104	1.306389	1.851228	2.451817	1.909605
2.988711	1.841254	3.411169	2.768699	3.740119	4.333785	3.51299	3.129318	3.09719	4.476701
4.738463	2.981445	3.641942	3.312915	4.129758	6.616266	4.635383	5.927118	3.321393	3.87592
0.412929	0.051625	0.051625	0.369891	0.291178	0.118815	0.244093	0.91361	0.380777	0.051625
3.882033	0.678546	5.055376	3.616476	3.16841	4.959806	2.813936	2.916081	3.353303	3.340365

1.901786	0.14939	0.213325	0.213325	0.213325	0.289871	1.528266	0.777418	0.197575	0.446598
4.171499	1.151044	3.3038	4.059174	3.394671	3.350047	2.6663	4.261178	4.270447	1.929327
1.723753	1.252843	2.44787	2.922712	2.476557	1.977153	2.674387	1.812646	2.864278	2.038244
3.864034	3.43147	3.46206	4.028102	3.560513	2.902689	3.708955	3.651656	4.167058	3.591266
3.315031	2.044413	2.433659	3.122261	2.162581	1.160112	2.475379	2.928647	3.027779	0.907724
5.994104	5.274614	5.592531	7.471498	6.03918	5.187122	5.048502	3.903174	5.945204	5.331435
3.954368	0.992535	1.969499	3.082151	1.277173	0.52395	1.769919	4.100077	2.879273	0.337968
7.21039	5.564595	6.347687	7.35769	6.132693	6.725416	5.981168	5.706703	8.047655	6.48284
2.449578	0.879218	1.000061	1.066138	1.289982	1.475673	1.713569	3.520208	1.930432	0.615052
2.345689	1.332806	1.913416	3.087969	1.826004	1.854499	1.805825	2.081718	2.735987	2.014925
3.990431	2.227933	2.508185	3.385299	2.382792	1.851554	2.447266	3.237041	3.254925	1.636065
0.072671	0.072671	0.237337	0.69126	0.149655	0.072671	0.072671	0.103917	0.237337	0.293196
8.748899	6.169232	8.227297	7.693235	8.505626	8.680979	8.718132	9.000219	8.586893	8.454726
4.844028	3.095332	4.241183	4.652349	4.07371	3.662519	4.340166	4.668896	5.076033	3.892513
3.060342	1.073773	2.500633	3.08754	2.517414	2.362808	2.054089	3.224523	3.433991	1.711257
1.280142	0.210503	0.541737	0.758735	0.551504	0.418731	0.816021	1.466333	0.397105	0.093095
4.26814	3.060746	4.126762	4.595416	4.125283	3.193016	3.855858	3.940582	4.170107	3.187849
2.498316	0.401032	1.508119	1.95071	1.289466	0.975422	0.755314	1.72717	1.568795	0.517901
2.882456	2.80575	2.315099	3.000889	3.016755	1.814425	2.578738	3.533608	2.95178	1.830008
3.313525	2.957182	2.427987	3.676351	2.737568	1.681964	2.607789	2.929192	3.786131	1.871191
0.769617	0.011882	0.170499	0.035854	0.08242	0.170499	0.28201	0.921515	0.08242	0.212247
0.105275	0.029523	0.029523	0.126009	0.029523	0.029523	0.029523	0.270365	0.029523	0.029523
4.938098	1.611376	2.540594	4.687331	2.504533	2.494507	2.474198	2.348311	4.351964	1.024232
3.823363	0.673364	3.719595	3.956446	5.452815	5.104888	4.125004	2.940887	4.152065	3.195947
3.461501	1.591057	1.984899	4.014459	1.457312	1.719618	1.506036	1.759899	3.927695	0.987755
3.241969	1.511876	2.374949	3.636687	2.459473	1.811665	2.638061	2.261475	3.117722	1.894183
4.965942	2.021135	3.66167	3.902337	3.469869	3.392901	3.45117	3.809655	3.885287	3.033288
7.434248	4.336936	7.420783	7.203944	7.180444	7.189129	7.28885	6.902171	7.502124	7.038225
0.192252	0.01857	0.01857	0.01857	0.03176	0.108254	0.03176	0.083243	0.01857	0.01857
1.609089	-0.05927	0.785051	0.561409	0.538246	0.498663	1.158733	1.554825	0.935671	0.398236
3.568651	3.314395	1.958933	3.979526	2.066338	2.111692	1.844796	2.15938	2.878676	2.12929
7.424184	3.814649	7.105066	6.971337	6.271091	5.431157	7.101992	7.588446	7.367521	5.430948
0.130282	0.076313	0.009424	0.067027	-0.00051	0.028997	0.028997	0.284152	0.481041	-0.00051
0.776075	0.161538	0.188759	0.533948	0.175214	0.147729	0.353972	2.890049	0.202175	0.1197
4.642748	3.000967	3.386622	4.538068	3.614621	3.254475	3.449036	3.373326	5.238184	3.233546
5.966282	4.366509	6.005071	5.274621	5.730097	5.961239	6.227844	5.780305	5.427518	6.11117
5.227911	4.872117	5.785408	5.282227	5.494118	6.289286	5.87367	5.587838	4.764425	6.528012
4.684926	3.64899	3.701365	4.205649	3.505527	3.769453	3.670595	4.066482	4.620777	3.674155
4.334314	3.31002	3.401005	4.52087	3.705605	2.917696	3.380312	3.869661	4.477876	2.992821
0.413344	0.891264	0.145323	0.949103	1.308314	0.449363	0.633869	1.517794	1.1129	1.157338
5.481336	1.939146	2.904771	4.659462	3.23744	1.816972	4.156418	5.511649	4.565108	1.919572
0.046974	0.004922	0.036615	0.004922	0.004922	0.015591	0.004922	0.067398	0.004922	0.026154
6.421654	4.733525	4.416485	5.783167	5.229872	3.233235	4.731433	5.953172	5.641701	3.505557
4.319418	2.971083	3.776945	4.594149	4.237119	3.219019	4.082485	3.896412	4.309432	3.714995
4.978093	3.834176	3.598424	5.058504	3.857286	3.360416	3.68935	4.379738	5.088256	3.05863
3.413872	1.096204	1.804465	3.28318	2.108941	1.125956	2.209379	2.651712	2.911641	1.312533
4.673065	2.416564	5.262837	4.379412	5.496283	5.730981	5.488285	5.606341	4.561934	5.163955

1.856774	0.737911	2.38076	1.446663	3.19301	3.135297	2.727632	2.281983	1.846512	3.854387
1.195612	0.048549	0.484249	0.025018	0.071631	0.001022	0.355672	0.500407	0.083009	0.116516
2.717127	3.752685	4.090945	5.136294	4.264533	4.100808	3.859163	3.378715	5.283885	4.201836
0.293357	0.232732	0.263195	0.323226	0.439868	0.293357	0.606899	0.552228	0.633872	0.382102
0.206596	0.336887	0.035338	0.218949	0.021264	0.076739	0.403201	0.302527	0.255374	0.103682
7.007073	3.378504	6.447401	5.911457	5.855343	5.916297	6.635282	6.512837	6.369423	5.578535
4.625184	2.598943	3.221429	4.694895	1.575642	3.198004	3.352827	3.032165	4.245764	2.227789
2.502137	1.645133	2.430846	2.559881	2.088011	1.054161	2.365972	3.404791	2.467049	1.071633
1.720373	0.466223	0.971629	2.219797	0.826745	0.808602	0.995619	1.360098	0.995619	0.393126
6.941964	3.510744	6.27743	6.318485	6.256876	6.628516	6.817364	8.086893	6.685614	5.842893
0.141019	0.036611	0.036611	0.036611	0.000439	0.000439	0.036611	0.072081	0.000439	0.000439
2.595392	0.412231	1.585938	2.057208	1.273496	1.645279	1.225445	1.903585	1.490827	1.416414
2.809774	1.811047	3.17786	3.28778	2.823302	3.996918	3.044766	1.75915	2.622891	3.969445
5.90763	3.04055	6.05655	6.201068	5.967296	6.573054	6.279989	6.640682	5.865253	6.620107
0.568419	0.07601	0.163813	0.211488	0.114356	0.114356	0.246149	0.466256	0.246149	0.088916
0.534785	0.054384	0.217256	0.18406	0.238917	0.16144	0.078962	0.18406	0.18406	0.16144
4.694005	3.654243	4.573841	5.529841	4.465802	3.585403	3.966684	4.138909	5.504529	3.828798
6.215822	4.092843	4.513872	5.36965	4.803439	3.761971	5.16929	6.525229	5.345617	3.565349
0.082628	0.047036	0.059014	0.150884	0.010393	0.010393	0.022728	0.022728	0.082628	0.034942
9.4246	6.824399	11.26034	9.936389	11.53959	11.15261	10.73705	9.627334	10.73481	11.14386
4.477857	3.62504	4.958208	4.764451	4.717828	4.726318	4.962963	4.360229	4.771974	5.297298
1.537891	0.516626	0.747747	2.284084	1.052382	0.412206	0.5366	1.267342	2.744704	0.110561
6.506384	2.708346	7.795918	4.988593	7.548817	8.928408	7.622519	7.876102	6.219703	8.573078
3.727831	3.06196	3.037081	4.2579	3.35518	2.408204	3.430924	3.366893	4.418839	2.508793
3.971133	2.08658	3.115044	4.122752	2.501909	2.19935	2.795408	3.466039	4.102889	2.364661
1.293701	0.717257	0.988478	1.717553	0.778079	1.614052	0.973599	1.875399	1.401628	1.33082
0.394706	-0.0264	-0.00994	0.054288	0.131218	0.038463	0.100874	0.553486	0.219046	-0.0264
0.761053	0.121922	0.502957	0.686306	0.216903	0.216903	0.832217	0.41359	1.144414	0.203701
5.625353	2.785099	5.243761	5.500549	4.745211	2.925576	4.5142	5.146377	5.303319	3.052571
3.700734	3.042621	1.093364	3.305489	2.359427	1.127892	2.082098	3.825685	3.585276	1.556326
2.062091	0.301712	2.936121	1.611472	2.927423	3.873821	2.940442	2.790842	1.719811	2.9203
5.781635	3.117107	5.172249	3.998189	4.640734	5.02458	5.999665	4.837657	4.262022	5.613473
0.864198	0.311619	0.510327	2.590343	0.65703	0.414442	0.781514	0.403378	2.390919	1.03789
5.185126	4.429918	3.677732	4.611007	4.076921	5.073614	5.199789	5.224068	4.245289	3.647132
0.842838	0.050389	2.216045	1.642374	2.299842	2.468513	3.042706	2.000892	1.230838	2.234336
3.345847	2.042235	3.564844	3.356496	3.500454	3.193494	3.462726	3.548345	3.301039	3.319208
1.160208	0.471244	1.445851	2.10209	2.065694	1.074347	1.526654	0.834471	2.243236	0.404209
0.611409	0.390433	0.237187	1.301645	0.884162	0.130366	1.301645	0.443188	1.326555	0.141488
4.737442	3.300039	4.943609	4.889017	5.264271	4.966791	5.133443	4.094686	5.306286	4.501479
5.880825	3.023424	4.729484	5.551325	4.815001	4.688947	5.103612	5.198938	5.433475	4.128168
1.27588	0.214673	1.01989	0.833193	0.51391	0.414835	0.372967	0.764417	0.523411	0.383562
4.988482	3.502932	3.133474	4.828519	4.339717	2.334635	4.3994	4.4244	3.966967	2.508284
7.542728	4.127916	6.324469	7.649967	5.229295	6.418712	6.272258	6.013	7.32057	5.659056
0.757785	0.320013	0.259519	0.228165	0.503213	0.163055	2.052216	0.609618	0.196024	0.792294
2.599496	2.761705	2.901306	3.045591	2.359663	3.140127	2.676	2.950682	3.432299	3.359344
3.228808	0.848277	1.414644	2.201705	1.402752	1.04154	1.237682	1.366425	1.58662	1.538927
2.440521	1.834716	1.661364	2.327315	1.715399	1.912793	1.980804	2.597204	2.467223	1.258483

4.554525	3.228661	2.70204	4.731548	3.533846	2.96038	2.823814	3.588692	3.991386	2.491865
2.949667	0.311784	1.692401	3.654806	0.657993	0.821302	1.396458	2.951184	1.982209	0.377997
3.311274	1.253481	1.561888	3.557635	1.147589	2.386159	1.485987	3.127169	2.550847	1.397857
3.869001	1.698733	3.558547	4.382897	2.953741	2.672302	2.935393	3.158328	4.091129	2.996113
9.371819	5.166401	10.28944	8.696893	9.588334	10.57013	10.19761	9.763715	9.009433	9.865498
4.918489	2.382038	4.283624	5.777647	4.08718	3.363493	4.234332	4.602734	5.787197	3.57412
4.744303	1.870419	3.175574	4.700382	1.858979	2.4302	1.326632	2.162232	4.013216	1.108149
8.381328	5.193354	7.05481	8.097143	6.137611	7.480623	7.230513	6.929402	8.159737	8.123235
4.712495	3.624136	4.144948	3.986397	4.368329	4.257584	4.022859	3.222452	4.361906	2.27552
3.519947	3.494969	2.506596	3.772192	2.669969	1.836368	2.750718	3.145244	3.305865	1.948438
1.83958	0.764407	0.987436	0.448173	1.393517	0.578885	1.678108	2.86335	0.601089	0.454459
3.361283	1.289944	2.36027	3.218132	2.50638	2.255915	2.524601	2.843304	2.875327	1.838013
4.155221	2.504319	3.529354	4.03156	3.582745	3.619302	3.824584	3.824246	3.83436	3.221005
3.362849	2.231954	2.677656	3.532735	2.794007	2.36465	2.790772	2.862644	3.208188	2.448029
1.55641	0.668928	0.804034	1.009802	0.883772	0.7659	1.179157	1.751297	1.401115	0.48684
3.615819	2.197382	2.824392	3.904221	2.557614	2.208811	2.381368	2.642046	3.524689	2.193547
2.019287	1.062249	1.328623	2.162671	1.428301	1.398926	1.468926	1.560616	1.900373	1.766736
3.566141	2.662607	2.763487	2.985969	2.188854	2.263222	2.082934	2.736016	1.698128	2.24244
5.236803	4.536947	4.779935	5.160026	3.869915	4.014577	5.14193	4.33054	6.046366	5.852087
3.784217	2.838015	4.84336	4.027324	4.258193	4.387702	4.729537	3.950179	4.601111	4.977883
1.388067	1.154065	1.392928	1.333367	1.548316	0.596389	0.918691	0.596389	1.784303	0.747725
4.613939	2.987732	4.550372	4.940799	4.486538	4.597359	4.634658	4.549238	4.825747	4.742054
2.576134	0.907493	1.88989	1.865914	2.490428	1.986196	2.753071	2.382511	2.584698	1.913448
4.888308	2.937661	4.775863	5.010985	4.464215	4.764342	4.227709	4.204473	4.904041	5.004239
4.083298	4.581918	4.453353	4.953757	4.413793	4.690185	4.590349	3.782964	4.875585	4.847349
5.209372	4.123763	3.649472	5.148184	3.465307	2.826252	3.643382	4.410055	4.705732	2.770242
4.72796	4.031693	3.753719	4.717424	3.809689	3.913154	4.260275	5.131923	4.480701	3.340435
4.787198	4.645544	5.882044	5.168577	6.02716	5.807154	5.716071	5.536146	5.614444	6.138375
6.486633	3.993456	6.805301	4.413744	6.009547	7.237741	7.121161	5.783111	6.072783	6.339562
4.526269	4.554597	4.123724	6.227539	4.24053	3.026068	3.693682	2.57903	4.634435	2.457395
3.963012	1.410465	3.405501	4.157782	2.897497	2.866206	3.331682	3.697515	3.811976	2.635321
6.496449	4.129603	6.432147	5.595513	5.219088	3.750441	6.533985	5.251986	6.1435	4.798713
2.673137	1.360928	1.825197	3.164608	1.886549	1.676783	1.925626	1.866477	2.323739	1.728516
3.076188	1.736101	2.677832	3.02591	2.546465	2.700754	2.667261	3.152622	2.53937	3.005488
3.263438	0.952033	2.490503	2.18224	2.530317	1.783688	2.787565	2.938024	2.500582	1.988038
2.737518	1.336961	3.964695	2.824348	3.137915	4.613296	3.381767	3.481183	2.545375	4.404919
1.05226	0.264641	0.488172	0.210394	0.307939	0.480906	0.845369	0.55155	0.062155	0.264641
5.062746	4.045717	5.230669	5.79856	5.653133	5.044402	5.216751	4.770805	5.727893	4.887192
4.783706	3.30164	3.898932	4.709403	4.093139	3.154579	4.10339	4.291126	5.436986	2.881187
5.838954	4.132607	4.883458	5.854244	5.242086	4.362777	5.043244	4.844453	5.585243	4.200439
0.035175	-0.02254	0.345513	0.071866	0.405164	0.990259	0.57607	0.259944	0.2965	0.324804
2.805537	0.446434	1.381033	0.792942	3.273937	2.224713	2.563456	2.259056	2.676845	1.806094
3.211148	2.49272	4.496595	3.865417	4.507399	4.582961	4.340498	3.740196	4.300179	5.00345
4.746099	2.102737	4.272787	5.013849	2.896836	3.359822	2.742569	4.902077	5.100898	2.657894
1.583924	2.078412	2.009281	2.505309	2.112525	1.965355	2.096593	1.910422	2.32247	2.598476
3.737945	5.782826	2.36021	3.648929	2.421746	2.517298	2.355119	2.179869	3.049725	1.955906
6.993609	4.62129	6.217041	7.415017	6.112032	5.532951	6.158829	6.409238	7.242692	5.375376

2.540513	1.94395	2.141584	2.857147	2.273719	1.746082	2.291914	2.431026	2.64035	1.924149
0.677736	0.552596	0.315115	0.431167	0.653461	0.374168	0.748476	0.827321	0.68974	0.253854
4.874989	2.832916	4.280202	4.673729	4.078781	3.870783	4.443929	5.348025	4.721364	4.004771
4.578954	2.07619	2.775652	4.586701	2.694006	2.158222	2.631824	3.417353	4.20353	1.942136
3.881959	2.38048	1.030939	1.098471	0.869501	0.781042	3.139357	5.964951	0.930429	0.686478
2.188795	0.492806	1.890107	2.019891	1.432784	1.063437	1.688872	2.491092	2.014537	0.690655
0.216623	0.014424	0.071166	0.459276	0.057188	0.071166	0.098724	0.178381	0.112308	0.125767
5.73791	3.593561	5.807985	6.164655	5.336118	5.419638	5.182251	5.558831	6.364812	5.605983
5.000773	1.066024	5.931243	4.24104	4.568027	6.458283	4.528861	5.855495	4.309369	5.016493
6.305447	4.314329	6.061743	6.485875	6.145016	5.607759	5.695314	6.519374	6.465537	5.538687
5.36537	3.937262	4.704503	5.92579	6.68776	4.768778	4.529351	6.539207	5.670705	4.911208
3.629616	2.468022	4.270745	3.253289	3.755546	4.991173	4.225239	3.994866	3.583333	5.45826
3.419055	3.033298	2.041629	3.824788	2.414693	1.914204	2.3751	2.443442	3.274955	1.960079
3.690594	3.464644	3.630819	3.625535	3.447776	3.586855	3.617038	3.331172	4.155503	4.036528
0.335432	0.049712	0.183338	1.510726	0.099932	0.489655	0.183338	0.471363	1.526985	0.049712
0.729681	0.632437	0.444872	-0.07981	-0.05787	-0.10218	2.689464	1.291489	-0.02572	0.379855
1.755258	0.684718	1.467791	2.007232	1.915687	1.264922	0.982961	0.882548	2.471951	0.48608
1.521814	-0.33293	1.409591	0.279205	2.805233	1.737512	2.855771	3.944095	1.001814	3.690849
6.430457	5.362518	6.453142	6.188011	7.119277	6.98202	6.667023	7.088187	6.365363	6.340066
3.515562	2.912818	3.557739	3.261216	3.62276	3.833273	3.599916	4.148354	3.529426	3.893598
4.760691	3.431486	3.378945	4.380627	3.304316	3.358949	3.964167	4.733578	4.294659	3.340055
4.118222	2.811251	3.195875	3.997636	3.168915	3.205808	3.141239	3.704227	4.443854	3.329914
3.900472	1.784852	4.717909	3.79614	3.315219	2.679159	3.524699	3.341552	3.408698	3.474571
3.249921	2.948997	2.127664	3.716701	2.522207	3.38002	2.406283	3.478831	2.550805	2.455436
5.725246	3.750102	4.932647	5.590311	2.720531	6.247357	4.770662	4.421353	5.774363	3.974486
5.197601	3.782318	2.660349	3.726745	3.645707	2.061603	3.687487	4.1649	3.190395	1.501818
2.346825	1.560609	2.115474	2.916227	2.211724	1.82905	2.188453	2.086786	2.907184	2.427562

CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14
0.57824	1.108473	0.287655	1.250367	0.83183	0.9066	0.114295	0.37739	0.430532	0.727849	
1.513345	0.974475	0.774459	2.133977	0.653268	1.07223	1.591455	0.212988	2.796553	1.892243	
5.63388	6.029764	4.802918	5.697789	5.570168	5.561607	5.602958	2.598873	5.515285	5.750417	
2.538757	5.565004	4.98024	5.077703	5.464235	5.850011	6.125426	-0.15912	5.287665	5.623108	
1.388198	0.824733	0.668788	1.786083	0.678507	1.928453	0.697727	0.577819	0.707229	0.688153	
6.759544	7.229036	7.520368	6.751269	7.342994	6.712742	7.223843	4.701717	7.491081	7.385888	
6.07804	6.237799	6.148126	5.788124	5.997062	5.732552	6.063254	4.420458	5.910916	5.694029	
0.827359	1.334806	0.787959	2.140706	0.763585	1.527518	2.374099	0.126684	1.501493	1.064942	
0.175555	0.118842	0.331864	0.141834	0.261317	0.107188	0.37995	0.071566	0.175555	0.009871	
5.614115	5.91627	4.948739	5.685412	5.949856	5.846752	5.538381	2.204622	5.179724	5.532559	
4.593824	4.707399	4.918197	4.313305	5.061376	4.276379	4.711924	2.600061	4.845898	5.149546	
3.75008	3.186478	2.55054	4.024274	2.934114	4.263764	3.112103	1.56813	2.826283	2.496645	
1.970941	3.255579	1.818809	2.085169	1.468431	1.666622	2.112049	0.569206	2.638466	2.797129	
2.907571	3.912524	4.058494	3.372978	3.91203	4.071916	3.947543	0.754065	3.339498	3.861034	
6.50635	5.146002	4.172296	6.481254	4.991832	6.270307	3.744742	4.172296	5.086162	4.748893	
3.814474	3.802985	2.437869	3.923818	3.389535	3.41232	2.685958	1.349593	3.021725	3.06192	
1.440065	0.764226	0.274842	1.339468	0.693218	1.560794	0.305889	0.494068	1.270204	0.977629	
8.525892	8.639847	9.890195	7.941222	9.039952	7.828153	9.482991	6.479958	8.877611	8.989378	
5.574557	4.658276	3.648096	6.263929	4.879922	6.508595	3.063525	4.536627	3.962804	4.492188	
4.590866	3.645631	2.582059	4.345825	3.451072	4.627804	3.036285	2.06291	3.587985	3.414282	
3.818275	3.420361	2.955605	3.50386	3.103629	3.660816	2.674544	1.551014	2.952677	3.093468	
4.353086	2.985736	2.718492	3.919829	2.709634	3.931864	2.490338	2.255477	3.691119	3.580513	
3.208213	3.195426	2.649708	3.323915	3.20242	3.290337	3.209368	1.424281	2.875562	2.925424	
0.058547	0.720694	1.685667	0.376494	0.766432	0.411361	0.431765	0.725871	0.418204	0.810354	
3.672804	3.960059	3.651277	3.718919	3.997355	3.513274	3.995929	1.413027	3.254606	3.3841	
3.707909	2.983193	2.023199	3.36861	3.045986	3.787962	1.796913	1.64432	2.783662	2.370441	
1.448218	0.450961	0.604799	1.039656	0.504279	1.356292	0.77112	0.450961	0.918633	1.062571	
5.377715	4.33604	4.256056	4.826491	4.219135	4.730204	3.809111	2.824527	4.861068	4.669879	
2.89776	2.880502	2.012644	4.15044	2.301233	3.191128	3.91378	4.147668	2.947069	2.175457	
4.357882	4.415967	4.47687	4.371766	4.500967	4.443186	4.028162	6.101693	4.374373	4.423458	
2.386114	1.477711	1.118236	1.635081	1.828243	1.676093	1.848026	0.687725	3.225967	2.604697	
5.470352	4.934833	3.32637	5.576497	4.42815	5.320841	3.649992	2.386053	4.036731	4.228535	
5.802058	5.039761	5.503237	5.054789	4.458088	5.163793	4.389764	3.812128	5.439434	5.427107	
3.230315	3.315333	3.697205	2.733207	3.13898	2.718225	2.722524	1.257143	2.047802	3.041966	
2.505803	4.059231	3.827592	3.346947	3.580839	2.907012	6.091885	1.156675	2.562104	2.752586	
2.882764	1.876093	1.830399	2.922764	2.058076	3.157961	1.762271	3.863072	1.898255	2.206132	
5.249615	5.789301	6.430044	5.306359	5.885803	5.219084	6.492207	3.182283	5.462125	5.722936	
3.741682	4.279411	4.605123	3.516125	3.940302	3.708683	4.312548	1.848764	3.843305	3.75682	
4.270048	4.576725	4.830448	4.465805	4.491777	5.073586	4.984816	2.679726	5.222743	5.248877	
0.063859	0.033927	0.063859	0.191735	0.033927	0.150289	0.018737	0.018737	0.033927	0.033927	
0.374669	0.518277	1.524586	0.416321	0.45657	0.322691	0.666556	0.221099	0.686313	0.518277	
1.942757	3.393536	3.032919	2.527605	3.002141	2.508251	3.349737	1.871354	2.290056	2.981603	
2.356885	2.433253	3.639617	1.780825	1.895068	2.101546	3.184743	0.201607	3.826446	4.008954	
1.485193	1.020857	0.440114	1.755822	0.538296	1.781934	0.223843	0.89716	0.396522	0.584338	
0.787369	1.281361	0.531037	1.608791	0.862042	0.523083	2.19473	0.205616	1.5244	1.072095	

10.40373	10.46495	10.88083	9.800312	10.64877	10.04846	11.23459	6.742703	11.36114	11.02137
6.312883	6.689371	4.412203	6.627759	5.788634	6.446281	5.602744	3.633968	5.833199	5.172055
3.854764	5.189885	4.835574	4.249131	5.079735	4.442594	5.933386	1.013849	3.392297	4.477058
1.241165	0.706296	0.76508	1.020813	1.376569	1.98726	0.037482	0.11077	0.558422	0.537647
1.352005	0.471389	0.725104	1.067485	0.319455	1.067485	0.765108	0.208745	0.630934	0.609168
0.496544	0.984747	3.525689	0.580175	1.132745	0.503209	0.976148	0.216238	1.653151	0.833449
2.436719	2.050255	1.057722	2.490296	1.581669	2.628314	1.278237	1.694213	1.485044	1.795946
4.811477	5.171694	4.852165	4.854653	5.005339	4.921857	4.966865	2.058078	4.645298	4.576082
4.557552	4.742211	3.052575	4.473024	4.337966	4.496805	4.171449	2.077184	3.763888	4.184784
0.117024	0.172696	0.226379	0.172696	0.029448	0.303471	0.029448	0.029448	0.678402	0.186298
0.83478	1.080439	1.309182	0.192902	1.501547	0.044618	1.097106	0.073838	0.590884	0.479078
8.327485	7.37602	9.070627	7.081799	7.873539	6.683939	8.735572	3.900572	8.502503	8.309418
9.214292	9.018291	8.94528	8.984258	8.845847	9.190276	8.970821	5.927701	8.792648	8.878848
4.096596	4.594517	4.760454	4.242587	4.233794	3.771673	5.03765	1.084126	4.442475	4.567773
1.614033	1.012995	0.930405	2.404994	0.82499	1.9459	1.182189	0.874777	1.219527	1.020233
5.219983	6.40951	7.604894	4.699805	6.792436	4.858805	7.344177	2.169252	6.508104	6.209202
1.557065	2.701097	2.730122	1.169556	2.506014	1.196647	3.312861	-0.2682	1.260328	3.676247
3.972965	3.095086	2.119578	3.86124	3.311126	4.018142	2.715193	2.238123	2.388121	2.827289
0.437111	1.294155	1.541134	1.561066	1.19472	2.124336	2.189505	-0.16286	1.329922	1.260076
7.758347	9.680121	12.18296	7.859482	8.881649	7.833111	11.57519	4.89505	10.96705	10.45132
3.595121	2.588991	2.152748	4.00531	2.368095	3.930951	2.085413	2.277967	2.794228	2.585129
4.313416	3.83663	3.576094	4.181052	3.880255	4.36517	3.252943	2.051423	3.44476	3.389887
1.059024	0.221742	0.792032	0.806625	0.406218	0.610816	0.413249	0.13425	0.736729	1.092735
5.667953	5.613382	4.258507	5.479735	5.47426	5.550042	5.039894	2.91669	4.974623	5.262777
3.819212	3.605923	2.964675	4.615718	3.385164	4.255765	4.060662	2.753523	3.634183	3.355411
3.005832	2.112394	2.212917	1.8596	2.75578	2.370269	2.655148	0.035729	2.421783	2.632071
3.010821	3.253051	2.809329	2.827559	2.707312	2.724114	3.39714	1.214864	3.636135	3.277879
4.274912	5.381023	4.870158	5.635013	4.798661	4.604439	6.291709	1.848658	4.674186	4.348339
3.22152	5.601937	6.542805	4.895294	4.644718	4.082877	7.29078	2.299117	5.931926	5.375423
2.585428	3.725974	1.954893	5.14217	2.423511	2.707911	5.388605	0.617714	3.903093	2.447538
3.005948	3.49372	4.274411	2.170952	2.670151	2.384886	3.757061	0.911525	4.341237	4.201198
4.059152	2.60874	2.156597	3.312201	1.889687	3.80109	1.561209	1.364525	2.696904	2.255187
3.254675	2.410635	1.340072	3.580765	1.915947	3.702152	1.759716	2.573471	1.934389	2.189417
3.664405	3.03838	2.067837	4.148482	2.903403	4.063708	2.727287	2.895998	3.05291	2.742411
2.056208	2.577465	1.768245	2.610042	2.271763	2.278541	1.853721	0.764514	1.878311	1.881166
4.04691	3.966154	3.952854	3.219389	3.618706	3.237895	3.456343	1.73592	4.898298	4.276094
7.421019	8.303848	8.9155	6.854312	8.478968	6.968264	8.586584	4.58384	8.299155	8.252666
1.750091	0.733543	0.588096	1.935058	0.672006	1.589492	1.139204	0.319756	0.87899	0.938514
5.307896	5.990089	6.845864	4.818412	6.465141	4.951831	6.375142	3.740779	6.193938	5.988027
0.638686	0.425065	0.614818	0.488476	0.288207	0.582302	1.210718	0.076119	1.983929	0.989309
4.223823	3.288617	3.019764	4.306697	2.825605	4.271317	3.203296	1.965383	3.214481	3.220027
3.09748	4.017769	2.80207	2.042734	0.892087	3.056201	0.964425	0.034926	2.026918	4.229674
2.679081	1.803722	1.636487	2.093651	1.141735	2.21183	1.412643	1.750589	2.130898	1.473891
2.787466	3.365776	3.862526	2.80782	3.442783	2.911811	3.289205	1.380087	2.815469	3.251181
4.125032	6.012989	6.803868	5.566711	5.175617	6.390957	4.518089	2.471501	2.705472	3.310077
0.553778	0.219932	0.291178	1.19263	0.505112	0.051625	0.256016	0.051625	0.279556	0.302702
3.190758	3.626158	4.581007	1.784084	3.481236	1.973853	4.270172	0.591852	4.082997	4.373654

0.228924	0.274847	0.732446	0.348621	0.391334	1.023945	0.362983	0.244376	1.052296	0.460126
4.460167	3.444601	2.78362	3.273044	3.796417	3.344173	2.83736	1.627526	3.734063	4.105301
2.082581	1.934424	2.631898	1.757261	2.105417	1.962085	2.024007	0.141495	2.885187	2.808084
3.930639	3.491838	3.428284	3.522311	3.209703	3.471307	3.652309	2.567765	3.440183	3.674929
3.414319	3.107605	0.956163	3.128371	2.771299	2.552882	2.482409	1.969807	2.583891	3.424158
6.395083	6.402243	5.259203	6.36531	5.58942	6.941594	4.379504	4.523669	5.562847	5.88179
3.006313	2.684733	1.023354	1.468039	1.348192	1.64372	1.332783	0.599511	3.224134	2.991638
7.6511	7.577751	6.253517	7.248091	6.698014	7.353541	4.301633	5.906118	6.622852	7.07138
2.559973	2.759078	1.378669	3.456638	2.16833	1.480335	3.189541	0.438231	1.612807	1.770414
2.722588	2.016786	1.841441	2.410731	1.525476	2.079967	1.560181	0.796424	2.205552	2.745456
3.408699	2.870559	1.779803	4.441597	2.714331	4.144266	1.95976	1.83885	2.45461	2.875571
0.103917	0.208648	0.279416	0.072671	0.103917	0.103917	0.103917	0.103917	0.072671	0.251488
8.53959	8.863351	9.074788	8.51465	8.121239	8.233255	9.173851	6.056615	9.188067	8.591463
4.999352	4.985973	4.013783	5.035985	4.381397	4.833025	4.557723	2.568161	4.343239	4.700498
3.458513	3.359728	1.56481	2.770335	2.750816	3.078541	1.683336	1.240091	3.037207	2.965056
0.775349	0.824012	0.512011	0.916413	0.878671	0.870996	0.878671	0.146529	0.481622	0.617975
5.059466	4.595416	3.030768	5.015504	4.562648	5.413109	3.87583	2.027115	3.459452	3.824098
1.222319	0.942393	1.878542	1.208505	0.706936	1.667917	0.847442	0.517901	2.506775	1.426994
2.516856	2.513663	1.898815	3.239879	2.283637	2.875713	2.275619	2.200528	2.562086	2.578738
3.517194	2.883149	1.819823	3.411871	2.71327	3.540791	2.096054	2.406278	2.741564	2.621287
0.070945	0.526694	0.093787	0.38411	0.08242	0.272287	0.502721	0.023927	0.159833	0.272287
0.062618	0.062618	0.029523	0.062618	0.029523	0.186003	0.029523	0.073436	0.029523	0.051695
4.50172	3.923266	1.817445	4.386903	2.630753	4.121147	1.618384	1.243987	3.664743	3.425538
3.657107	4.814457	4.272786	3.467083	3.158644	3.918356	2.670325	1.080676	4.573013	3.873139
4.3188	2.071715	1.799017	4.167327	1.380776	4.023211	1.57599	1.759899	2.849947	3.075792
3.612463	2.62237	1.480027	3.42799	2.905032	3.746304	1.945907	1.28203	2.564407	2.343303
3.744035	3.920686	2.920684	4.43681	3.807004	4.280112	3.629493	1.55554	3.860421	3.886106
7.285792	7.669147	7.473733	6.921282	7.129399	6.90356	7.158671	4.152074	7.447785	7.437628
0.095807	0.260242	0.057751	0.044819	0.03176	0.271243	0.132801	0.226683	0.070559	0.057751
0.466072	0.96928	0.240617	0.466072	1.177601	0.778633	0.797789	-0.01006	1.158733	1.494475
3.867725	2.31264	2.102779	3.880185	2.030965	4.119455	1.389948	2.500727	2.26404	2.011591
6.843315	6.915968	5.783588	7.36941	6.885142	6.754845	7.799215	2.974266	7.277883	7.040077
0.028997	0.038641	0.019258	0.076313	-0.00051	0.067027	0.085513	0.173129	0.147642	0.057655
0.655344	0.317521	0.254604	1.439097	0.305159	0.446819	1.884765	0.292689	0.202175	0.215465
4.953097	3.678364	2.966461	5.002288	3.63675	5.102719	3.359851	2.953845	3.330604	3.472047
5.264115	6.012015	6.264923	5.591058	5.98436	5.232985	6.396671	4.170623	5.904823	6.193943
5.002688	5.599254	6.425678	5.233121	5.820032	5.048252	6.236782	4.149259	5.506719	5.835837
4.930172	4.249807	4.338046	4.86858	3.929325	4.643562	3.783225	3.706555	4.647254	4.130636
4.762107	3.980227	2.825471	4.540868	3.738373	4.971763	2.938006	2.786593	3.041224	3.458273
0.867254	1.666677	0.949103	0.971417	1.361297	0.711069	0.696999	0.643819	0.914765	0.796242
5.457491	2.864351	2.322756	6.103125	4.046396	4.377386	3.499685	1.964792	4.481434	4.215313
0.036615	0.004922	0.036615	0.067398	0.026154	0.004922	0.087439	0.015591	0.015591	0.004922
6.051942	4.8251	3.124362	5.765185	4.673538	5.11099	5.092461	3.458743	5.1777	5.157221
4.453659	4.322917	3.323798	4.407317	4.360596	4.482209	3.863695	2.558022	3.618443	4.226561
5.355853	4.423497	3.477282	4.904882	4.226361	5.013989	3.338835	3.252886	3.965795	3.889181
3.353545	2.46386	1.593144	3.576872	2.238598	3.5752	1.608314	0.785727	2.677789	2.24815
4.778342	5.836709	6.019051	4.545162	5.649924	4.425112	6.064282	1.73582	5.270871	5.464926

1.929622	1.693468	3.005888	1.961414	2.524088	2.538178	1.474515	0.713194	1.140687	1.451348
0.083009	0.309591	0.094281	0.578111	0.03684	0.241985	0.87678	0.083009	0.10545	0.094281
4.11965	4.155836	3.401304	4.403897	4.386505	4.924311	1.983502	2.911557	2.6416	2.963686
0.468347	0.352806	0.232732	0.293357	0.352806	0.232732	0.232732	0.293357	0.411121	0.382102
0.090275	0.090275	0.206596	0.891408	0.103682	0.231195	0.413958	0.103682	0.143157	0.156075
6.29453	6.748062	5.593866	5.813738	6.29001	5.88875	6.433745	3.204441	6.916151	6.542245
5.069189	2.745685	1.907408	4.717604	2.80971	4.408903	3.185407	2.703795	3.030557	3.983946
2.510334	2.766687	1.176468	3.071516	2.558315	3.181758	2.159124	1.186962	1.933603	2.540956
1.131038	0.955389	0.979675	1.575677	1.234125	1.072565	1.441609	0.466223	1.247279	1.688006
6.853063	7.406199	6.769772	6.773794	6.756615	6.602484	6.843123	2.902802	6.706629	7.04278
0.255733	0.000439	0.036611	0.000439	0.124027	0.036611	0.124027	0.036611	0.000439	0.000439
1.393782	2.23321	1.546534	1.403536	2.000499	1.860692	1.714195	0.110321	0.769173	1.793228
2.93126	2.505941	3.522792	2.639904	3.019757	2.923617	2.607658	0.943399	2.7377	2.801233
6.478742	6.172357	7.099567	5.802242	6.060434	5.908483	7.078281	2.306563	7.524486	6.647737
0.427058	0.223143	0.175894	0.919602	0.396878	0.365993	0.396878	0.139316	0.163813	0.301973
0.18406	0.078962	0.138413	0.332091	0.249612	0.322067	0.091075	0.078962	0.195222	0.078962
5.14038	4.932327	3.580088	4.655529	4.777546	5.179724	3.089819	2.600171	3.65822	4.288277
5.839114	5.848848	3.824988	6.403249	5.088777	5.881585	5.604972	3.0246	4.554188	5.214947
0.034942	0.022728	0.082628	0.022728	0.010393	0.034942	0.034942	0.094268	0.082628	0.034942
9.331121	10.01914	10.84934	8.745877	10.69442	9.318062	10.41491	6.333654	9.895713	10.57903
4.736914	4.612955	5.297661	4.641197	4.89992	4.849938	4.386574	2.810958	4.760518	4.860734
4.267035	0.806116	0.604328	5.158977	2.504888	0.55629	3.025466	0.704499	0.713257	1.231746
5.546191	7.967442	9.692564	5.455259	7.752632	5.685036	8.673521	2.554921	8.024534	7.432824
4.009903	3.641549	2.190693	3.937642	3.223689	3.884793	2.205314	2.242409	2.753139	3.43001
3.865416	3.060436	2.59551	3.316504	2.779413	3.252713	3.018572	1.712039	3.433854	3.338892
1.105469	0.880013	1.847852	0.906787	0.679147	1.114331	0.813077	0.176205	1.509648	1.046129
-0.00994	0.006351	0.022485	0.022485	0.006351	0.022485	0.006351	0.131218	-0.0264	-0.0264
1.011975	0.566622	0.149685	1.130269	0.535131	0.566622	1.019651	0.09363	0.86656	1.057446
5.604115	5.117641	3.979249	4.857841	4.445345	5.183332	4.378707	2.08063	5.464943	4.861927
4.142138	2.66883	2.49086	3.380486	2.403223	3.293782	1.402722	2.636174	2.347553	2.135806
1.742975	2.418879	3.627203	0.671843	1.637222	0.980361	1.936389	0.025373	3.500117	3.075933
4.502724	5.203543	5.052626	5.286676	5.089438	5.965472	5.362639	3.445329	5.785278	5.699826
2.93781	0.26342	0.135246	2.786143	1.285211	0.174926	2.01982	0.148596	0.287724	0.729492
5.112072	5.704492	4.028054	6.062647	5.41471	6.275263	4.210216	4.063291	4.129085	4.921948
0.79087	1.859622	2.960155	0.288316	2.190453	0.224932	2.450279	0.006024	2.770424	2.123418
3.161735	3.604919	3.587182	2.99662	3.359861	2.953338	3.542385	1.321219	3.508738	3.566012
1.008301	1.844453	0.56529	0.864258	1.339566	1.987116	0.35137	0.187714	0.659524	1.836594
0.981233	0.257451	0.363155	0.526249	0.184969	0.557923	0.141488	0.417101	0.287219	0.381409
5.132626	5.583667	4.177845	4.687432	4.868787	4.839588	4.27161	2.551729	4.837702	4.870356
6.180841	5.484769	4.785945	6.225505	5.052123	5.966126	5.610448	2.826174	5.735351	5.153405
0.716435	0.675038	0.658099	0.273466	0.700036	0.532842	0.640935	0.202585	0.833193	1.205397
5.710851	3.170154	2.538159	5.423454	4.262697	4.805861	5.051915	2.929833	3.614883	4.454774
7.447795	7.123347	5.745118	7.206242	5.960037	7.033501	6.057396	3.384993	7.257654	7.30174
0.310127	0.185128	0.545191	0.40571	0.877893	0.812562	0.40571	0.217541	0.368328	0.106147
3.074737	2.82994	3.099438	3.180056	2.753632	2.881641	3.258386	2.301683	2.287858	3.034656
2.21479	2.278361	1.001836	1.691706	1.627632	2.299915	1.001836	0.792908	2.044944	1.596991
2.843225	2.528975	1.564247	2.718713	2.050154	2.325335	1.872945	1.425332	2.757999	2.017265

4.990477	3.750915	3.002771	4.572774	2.484459	4.46438	2.664029	3.17857	4.083392	3.367894
1.831129	0.790225	0.520627	4.016226	0.844136	2.506076	0.539794	0.481432	1.572396	2.914284
3.898451	2.722367	2.645296	3.848813	1.478865	3.699463	2.058459	1.032411	2.682969	3.023341
4.239866	3.017767	2.560623	3.822023	3.135489	3.821001	2.976248	1.474594	3.246897	3.289445
9.256732	10.12327	10.51056	9.318391	10.17654	9.227164	11.15724	5.431045	10.06629	10.23616
5.251376	4.439054	4.173643	4.358547	4.445074	4.583337	4.132521	2.542331	4.813373	5.132847
4.329219	2.689954	2.000824	2.67726	1.681556	3.292986	1.580053	1.194153	2.166842	2.908724
8.070069	8.336098	7.575554	9.042011	8.221176	8.434228	7.389234	5.243085	8.354231	8.257052
3.924435	4.444037	2.668165	4.413597	2.762913	3.438591	2.597357	2.954036	3.986043	3.502364
3.7391	2.856408	1.811869	4.207989	2.599227	4.391459	2.491055	3.103602	2.68658	2.609857
0.665167	1.581979	0.868586	1.285827	0.955893	1.084192	1.163305	0.356238	0.963863	1.212034
3.550231	2.743113	2.04329	3.845482	2.596925	3.563912	2.468976	1.110824	2.232399	2.474401
4.436531	4.265498	3.306605	4.218963	3.521551	3.960719	3.546576	2.103891	3.795013	3.884701
3.514879	2.835133	2.308428	3.69039	2.87314	3.637793	2.554153	1.691241	2.545901	2.847454
1.504178	1.987992	0.918284	2.615742	1.628764	2.501257	1.560333	0.685662	0.984381	0.997161
3.638678	2.879422	2.289413	3.48669	3.017314	3.622723	2.042158	1.842959	2.803938	2.588268
1.997506	1.610715	1.328623	2.012076	1.444734	2.529229	1.355525	0.865247	1.248548	1.415809
3.561785	2.015216	2.788683	3.663807	1.306628	3.377222	2.890612	1.859928	3.168751	3.026185
4.161855	4.515128	4.569506	4.787747	6.038091	5.209598	6.548161	3.220275	5.524023	5.073021
3.730139	4.486331	4.585456	3.558089	4.926701	3.651744	4.354912	2.380456	4.263645	4.572983
1.276283	1.635828	0.64021	0.847082	1.627742	1.81981	0.682612	0.674241	0.648801	0.674241
4.692305	4.781145	4.802072	4.737404	4.685439	4.643439	4.537251	2.429407	4.333568	5.128573
2.977233	2.960086	2.297289	2.084366	2.675497	3.37806	2.434368	0.612566	1.744526	2.279581
5.201346	4.721189	4.908907	4.998631	4.349528	4.975882	4.016911	2.336611	4.355726	4.597159
5.011127	4.446353	4.773731	5.218551	4.47214	5.272085	4.644314	3.648905	4.542958	4.26106
5.719653	4.344711	3.135287	5.988243	3.809278	6.000085	3.721253	3.849969	4.266638	3.777655
4.70167	4.652586	3.63172	5.120951	4.67046	5.573168	4.066217	3.528014	4.273879	4.67381
5.101803	5.781157	6.159933	4.586853	6.043422	4.626538	5.467731	4.043391	5.719169	5.782848
5.101164	7.418498	6.672674	6.980412	5.765387	4.876602	8.656426	3.955032	7.712055	6.170978
5.162615	4.531982	3.236737	5.75548	4.251091	6.718094	2.015126	3.338986	2.755571	3.695444
3.884926	3.429422	3.130894	3.567007	3.163384	3.516621	3.166579	1.305184	3.887354	3.749405
5.308548	5.492858	3.854483	5.396293	5.201438	7.175746	3.152731	4.416431	5.823848	6.480162
3.074031	1.914048	1.676783	3.448646	2.038615	3.780447	1.602065	1.398791	1.7331	1.820982
3.074697	2.753192	3.03676	2.684128	2.816493	2.603962	2.326332	1.667537	3.221684	2.831331
2.314478	2.512234	2.137711	2.559328	2.528685	2.769017	2.648272	0.787724	3.287006	2.645313
2.09541	3.295263	4.846229	1.587608	3.615687	1.947749	4.426365	1.000291	4.829884	3.685314
0.133759	0.998229	0.255779	0.397729	0.008081	0.15341	1.03006	0.113759	0.093399	0.796819
5.565445	5.233159	4.244109	5.599891	5.239469	5.738804	4.822907	2.862438	4.308482	4.798578
5.030224	4.582912	2.91339	4.694401	3.925938	4.606456	3.813271	2.892576	4.577773	4.568945
5.988557	5.324514	3.933719	6.07477	5.2047	6.348117	4.543336	3.521495	4.893254	4.99677
0.149767	0.608026	0.618453	0.132978	0.071866	0.025785	1.032121	-0.02254	0.149767	0.473506
3.437907	3.051517	2.512154	2.273077	2.159051	2.497244	3.09765	-0.04487	3.293577	1.378074
3.730994	3.975772	4.320539	3.158892	4.163493	3.144983	4.588334	1.654215	3.958193	4.041489
5.027792	3.908259	2.78651	4.645488	2.742569	4.825713	1.820792	2.189579	5.682198	3.751596
2.207565	1.536859	2.731809	1.926706	1.989714	2.059951	1.908077	1.26095	2.338956	2.425782
4.006957	2.945044	2.305423	4.018634	2.794148	4.119756	2.275481	5.414082	2.375327	2.310772
7.075952	6.773639	5.148018	6.898751	6.286589	7.081843	5.387573	4.035267	6.259595	6.441505

3.221506	2.395347	1.878293	3.668857	2.53761	4.13771	1.851992	1.454513	1.814114	1.786262
1.109484	0.849169	0.344908	0.315115	0.849169	0.238174	0.388605	0.173909	0.552596	0.736896
4.79335	4.58303	4.280679	4.997625	4.380002	4.819192	4.671157	2.275375	4.534371	4.412689
4.544687	3.139974	2.040396	4.402528	2.936858	4.45019	2.225501	2.263836	3.398286	2.901682
3.042348	3.703992	0.900303	6.251864	2.140889	4.278642	5.532858	0.505996	2.740085	2.186328
2.352658	1.764284	1.841382	1.881124	1.247196	2.151181	1.360153	0.278518	2.388338	2.056706
0.30211	0.165406	0.043073	0.278196	0.028819	0.348783	0.22915	0.014424	0.216623	0.057188
5.859394	5.361641	5.435279	5.318374	5.5374	5.627616	5.154036	3.308164	4.782341	5.603332
3.994196	5.203845	7.158175	3.281027	5.632082	3.838059	6.065073	2.821284	5.68796	5.891171
6.088495	6.605728	5.506736	6.329085	6.088039	6.185034	6.003894	3.918158	5.612064	6.120564
5.879796	6.013826	4.924089	6.085283	5.895343	5.830926	4.116786	3.207144	5.109034	5.412747
3.524677	3.980707	5.460889	2.922617	4.174647	2.860076	5.647537	2.065963	4.599343	4.284164
3.670721	2.617314	1.732692	3.720573	2.417927	3.620453	1.798678	2.430762	2.519407	2.601163
4.089589	3.695621	3.683523	3.912476	3.646541	3.838117	3.431916	2.949089	3.21625	3.414618
1.417408	0.183338	0.698657	0.194822	0.335432	0.480541	0.148255	0.049712	0.250744	0.898238
0.729681	1.544489	0.220713	2.114947	1.740457	0.897812	4.23236	0.194826	1.754063	2.420089
1.157644	1.788872	1.164191	1.062562	1.982206	2.476999	0.215449	0.162437	0.253912	1.164191
0.322866	1.907181	3.377527	0.993582	1.215761	1.208855	3.570565	-0.2968	2.798649	1.943788
6.206214	7.047639	7.060466	6.08893	6.822524	6.124137	6.171704	5.439554	6.998831	7.05517
3.278801	3.563312	4.224077	3.138381	3.679055	3.020979	3.961811	2.229937	3.636338	3.888699
4.16074	4.383517	3.358949	5.314403	4.103675	5.184776	3.724539	3.044955	3.254817	4.033334
4.377567	3.081103	3.750157	4.039402	3.148227	4.209662	3.125935	2.097495	3.100727	3.36726
4.274352	3.546719	2.638714	3.210522	3.180997	3.323456	2.553326	1.914852	4.014413	3.716434
3.911669	3.334685	3.071021	4.385078	3.807708	4.755293	3.289022	2.792874	2.273038	2.693444
5.919731	5.175265	5.157778	6.177207	3.777555	5.367921	4.442083	4.428538	4.698726	5.78047
4.029986	4.871334	2.414054	5.81893	3.478278	6.385324	2.294752	3.085405	4.844748	2.629542
2.818929	2.12487	2.037215	2.650479	2.176626	2.640843	1.77871	1.158013	2.080306	2.203056

CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14
0.719502	0.676956	0.37739	0.711101	0.659546	0.114295	0.511356	0.203813	0.240398	0.481622	
2.181849	1.731413	2.319656	1.28788	2.310458	0.264866	0.573277	0.682154	1.318837	0.421615	
5.965746	5.587168	6.513545	5.944018	5.339	3.481953	2.621676	3.218556	6.603871	3.272748	
6.067982	4.425264	6.949738	3.111089	4.294593	-0.25625	-0.01381	1.036949	6.417585	-0.25625	
0.924375	1.404761	0.971426	0.744548	0.762807	0.73532	0.457051	0.688153	0.940252	0.658994	
7.131179	6.857759	6.8026	7.207901	8.088643	5.118435	4.654709	4.564884	7.158528	4.6702	
7.317661	6.010942	6.013424	5.913629	7.341612	4.436226	4.182805	4.613249	6.070915	4.067182	
0.978296	0.751181	2.591471	1.144944	0.119091	0.274562	0.287611	0.747014	2.950758	0.519267	
0.13039	0.331864	0.13039	0.059466	0.360934	0.153175	0.071566	0.398683	0.219163	0.153175	
5.245469	5.765306	5.785254	5.683973	5.533078	2.657994	2.890029	2.542103	5.953126	2.436809	
5.242982	5.104336	4.607049	5.013148	5.104336	3.400614	2.652406	2.419888	4.717926	2.351012	
3.304118	2.942937	3.598596	3.061171	3.291362	1.368697	1.425488	1.689035	3.559015	1.397457	
2.92024	2.282621	2.205591	2.838061	3.889391	0.543754	0.987261	0.796997	2.080628	0.933391	
4.626929	3.197744	3.724824	3.192249	5.410514	1.547771	1.144834	2.029961	3.354764	0.934161	
5.595248	5.590966	4.445968	5.649483	5.122445	4.355872	4.374893	4.000708	4.184763	4.382205	
3.999268	4.081294	3.08308	3.936281	3.459903	2.045147	1.58787	1.39703	3.117968	1.527943	
2.495946	1.368522	0.936776	1.309671	1.878201	0.777922	0.384847	0.648436	0.431607	0.305889	
8.635726	8.764312	8.695555	8.317244	9.101107	6.834834	5.905336	6.671038	8.671395	6.171127	
3.968932	5.723161	3.927454	4.931923	2.74706	3.760771	4.447988	3.882235	3.458491	4.838005	
4.185551	4.685812	3.925538	3.966662	3.618864	2.383995	2.672106	3.117645	3.907945	2.556573	
3.109929	2.837963	2.977299	3.313064	2.970119	1.797618	1.629315	1.427541	2.95121	1.726772	
3.090549	2.927218	3.228631	3.694082	2.481656	2.488174	2.509633	2.470706	3.094343	2.357342	
2.894545	3.190736	3.305162	3.07388	2.872364	1.541743	2.431148	2.766163	3.262224	2.573356	
1.00305	0.667549	0.689115	0.149188	1.31293	0.628766	0.736152	0.962111	0.355033	0.766432	
3.825105	3.793345	4.045994	3.503807	3.901524	1.279336	1.391994	1.447094	4.259116	1.363215	
4.382868	3.032941	2.389917	3.381256	3.676714	2.804284	1.737091	1.725883	1.878878	1.843712	
0.880026	1.356292	0.840242	1.202454	1.128998	0.168548	0.255655	0.477892	0.547107	0.297123	
5.634539	5.476517	4.447732	4.942882	4.679214	4.253187	3.090035	2.892221	4.265089	2.926187	
2.99602	2.646902	4.184657	2.734037	2.173632	3.715946	4.91454	5.533951	4.54762	4.620217	
4.706884	4.472461	3.96767	4.437586	4.332281	4.648381	5.955592	6.21465	4.024062	6.325867	
4.178196	3.498997	2.129192	1.804097	3.737066	2.184827	0.771697	1.178957	0.892351	0.850542	
4.787777	4.747026	5.543429	5.369004	4.698354	2.08061	2.819039	2.804251	5.716727	2.607578	
4.927227	5.405095	4.816978	5.426648	4.443013	3.317786	2.96641	2.854898	4.564266	3.089427	
3.470704	3.750423	2.598453	3.18107	4.161596	2.841075	1.221294	1.271194	2.892591	1.257143	
3.637021	2.226379	3.759724	2.136615	3.676902	0.916338	2.047604	3.442136	3.983618	1.480806	
2.69951	2.5308	1.857282	2.30171	2.597102	4.419802	4.327498	4.327087	1.393151	4.035161	
5.388642	5.709694	5.956195	5.506095	5.548751	3.518705	3.238478	3.359732	6.241763	3.218214	
4.89647	4.388033	4.131124	4.211497	5.313957	2.625947	2.047895	2.341533	4.322097	2.191923	
5.198499	4.995842	5.1661	4.475359	5.296425	2.632732	3.100376	2.823039	4.933888	3.211513	
1.022449	0.359369	0.063859	0.078608	0.191735	0.018737	0.018737	0.018737	0.033927	0.018737	
2.79264	0.374669	0.659897	0.249674	3.703995	0.181906	-0.03602	-0.02413	0.518277	0.033627	
2.639477	3.081102	3.149025	2.848104	2.986466	1.399266	1.420454	1.691632	3.667263	1.509669	
4.157637	3.188286	2.629376	2.259736	4.96737	0.201607	0.212757	0.434603	1.384436	0.178985	
1.597145	1.784512	0.751634	1.797315	0.341867	0.506516	0.538296	0.332493	0.490281	0.538296	
1.787372	0.971609	2.606909	1.383705	3.583118	0.767959	0.554592	0.276104	3.400279	0.226177	

11.67362	10.53219	10.70702	10.09512	13.8442	6.944684	6.399472	7.519671	10.22558	6.482866
4.995571	6.319085	7.443494	6.647979	3.889608	1.486201	3.488996	3.966687	7.570232	3.484968
3.654129	4.361916	4.811531	4.300112	3.856975	1.143085	1.168705	1.565809	5.14409	1.287683
1.303726	1.366442	0.472963	0.669521	0.915245	1.689338	0.509348	0.530637	0.235567	0.450564
0.541881	0.575907	1.39775	0.879015	0.598164	0.278903	0.495262	0.765108	1.311638	0.384666
0.135656	0.669356	1.03087	0.963123	1.215593	0.299332	-0.01339	-0.0458	3.557697	-0.0458
2.361493	3.062945	1.788736	2.37406	2.018702	1.983173	1.624758	1.927541	1.721541	1.868827
4.346892	4.764363	4.948013	4.914873	4.626209	2.563933	2.363941	2.263893	5.23889	2.238485
4.501085	4.9576	4.298616	4.715616	4.405571	1.766283	2.141071	2.203497	4.479487	2.165997
1.442245	0.556473	0.199777	0.029448	0.412166	0.029448	0.029448	0.029448	0.029448	0.029448
3.512672	0.904659	1.667531	0.675798	4.484883	0.218794	-0.2064	0.044618	0.014677	-0.2064
8.091037	7.580924	7.590328	7.331607	8.533222	4.76896	3.06579	4.467035	7.515813	4.10201
8.636545	9.433704	8.746488	9.011858	8.5239	6.037535	6.016395	5.582584	8.811815	6.151362
4.528237	4.01156	4.756484	4.255637	5.038658	1.621978	1.573842	1.518144	5.133167	1.578759
3.175053	2.348036	1.417126	1.432662	3.085523	0.681339	0.728074	0.582129	0.938149	0.755278
5.411923	5.488364	5.973248	5.665424	6.118822	3.086761	2.345637	2.415026	6.335805	2.398727
4.492454	3.965467	1.935641	2.410482	5.530705	-0.38961	-0.38961	0.089815	1.620767	-0.38961
4.490591	3.64962	3.554477	3.596075	3.359034	3.531147	2.323449	2.350397	3.848819	2.338507
1.346046	2.305964	2.099036	0.986468	0.244718	0.584998	-0.02496	0.020391	1.997519	0.35499
9.10499	8.470321	9.733851	8.531898	7.946375	1.039635	4.46596	6.027969	9.529168	5.154853
3.478429	3.278511	2.739221	2.925526	2.855345	2.870067	3.140497	3.393034	2.770327	3.012987
4.305277	4.321042	3.318238	4.001216	3.744715	3.272602	1.986449	2.060364	3.275193	2.16976
0.946701	0.933927	0.777233	0.907908	0.787122	0.221742	0.863068	0.125089	0.355653	1.187866
5.345504	5.307957	5.6739	5.602079	5.096719	3.242028	2.922737	3.330271	5.678828	3.22247
3.541597	3.399747	4.467376	3.625336	3.0789	2.717441	2.884358	3.37595	4.705452	3.189111
3.876031	3.567512	2.447545	1.828288	3.680772	0.311069	0.292668	0.481298	0.972147	0.355898
2.771861	2.556667	3.276587	3.004933	4.110349	2.254066	1.405674	1.389356	3.232339	1.566349
4.213979	4.402223	6.461721	4.725068	4.557823	2.668953	2.203974	3.286536	6.991702	2.583176
5.521427	4.489779	6.658865	5.610158	5.696531	1.374171	1.886197	3.288864	7.024255	2.406465
4.003459	4.072626	4.106244	3.797128	5.333606	2.43157	0.817911	2.062409	4.539849	1.77261
3.853591	2.657386	2.86369	3.117837	3.800372	6.590797	1.242798	1.801738	2.670151	0.872713
4.273398	3.990163	2.231279	2.414007	2.921672	2.117461	1.724359	1.760459	1.778115	1.436266
3.067137	3.073306	2.38719	2.516386	2.282542	2.417567	2.290375	1.934389	2.394279	1.97385
3.797598	3.587607	3.87228	3.585663	3.245979	2.879147	2.733795	3.2433	3.941375	2.636484
2.957977	1.898126	2.639581	2.647002	3.094542	0.806282	0.647153	0.588063	2.763732	0.729821
4.3594	4.342306	3.804434	4.116339	4.451344	1.910469	2.482836	2.203523	3.153123	2.384629
7.737821	7.570474	8.106675	7.898862	8.472981	5.010639	4.309225	4.841318	8.156496	4.522952
1.199453	0.952957	1.52344	0.931228	0.588096	0.389674	0.445058	0.466535	1.429488	0.423202
5.104202	5.680001	5.19417	5.479311	6.109167	3.679324	3.639321	3.01359	5.28896	3.669948
1.39562	0.715242	1.205616	0.434314	0.574045	0.288207	0.256921	0.146879	1.132013	0.192012
3.494994	3.534205	3.319984	3.168975	3.123346	2.4751	2.505549	2.398864	3.258906	2.146775
1.915157	3.674416	2.324698	3.445114	2.797021	1.123781	0.821871	0.388522	1.088683	0.690683
3.330839	2.461729	1.632485	2.143918	2.953966	2.904994	1.55373	1.427064	1.664123	1.523325
4.191253	2.977372	2.682465	3.158428	3.953444	2.384304	1.163901	1.45388	2.567989	1.656887
6.54928	4.458601	4.865275	7.037916	6.427402	6.546531	3.066966	3.234182	2.391195	2.421183
2.818998	1.513089	0.534517	0.182878	3.074375	0.051625	0.051625	0.336706	0.051625	0.078896
3.789391	3.891662	3.109255	3.145017	5.409554	2.111828	0.365296	0.597852	2.125153	0.39453

2.417362	1.656054	1.528266	0.16561	3.901276	0.14939	0.181671	0.14939	0.551804	0.16561
5.846576	4.385824	3.016995	3.433674	8.581372	3.194393	1.306317	2.248416	2.286173	1.38427
2.28168	2.570505	1.871952	2.066166	2.507259	1.571776	0.457218	0.533583	2.062024	0.516432
4.43554	3.974572	3.905929	3.960779	3.360057	3.775226	2.520337	2.459503	4.141204	3.007313
3.528842	3.570794	3.407318	3.112255	3.14124	1.783903	1.574917	1.844458	3.711946	1.719677
6.145643	6.63438	4.997723	6.257263	6.232895	4.787275	5.019345	4.332935	3.564521	4.811514
5.408438	4.192825	3.143646	3.355967	5.549626	0.443101	0.500284	0.900465	2.453626	0.476122
7.052069	7.297936	5.622437	8.085984	3.049511	4.879765	5.241161	3.686577	5.063607	5.651238
4.252504	4.503347	3.399064	1.740413	4.964955	0.269483	0.770311	2.224062	1.856402	0.351018
2.273526	2.462278	1.826004	1.988527	2.127962	0.957656	1.048509	0.825035	1.750079	0.748997
3.698909	3.831852	3.148877	2.865524	3.53819	2.720102	2.010133	2.037157	2.68798	1.864113
0.648028	0.534464	0.072671	0.072671	1.101951	0.072671	0.103917	0.103917	0.103917	0.134556
8.351264	7.200081	9.040479	8.702748	8.588695	5.845581	5.507198	6.008476	9.120704	5.606455
4.782377	4.924243	4.932076	4.591199	4.144609	2.745878	2.374058	3.145196	5.042406	2.721379
4.373369	3.622481	3.190658	2.793353	3.949195	2.115123	0.777227	1.191822	2.500633	1.439321
1.656312	0.824012	1.51517	0.663545	1.466333	0.133366	0.185273	0.330089	1.239643	0.093095
4.36376	4.833129	4.202986	4.328796	3.680863	3.697862	2.750349	2.552739	4.460633	2.820871
5.523179	1.929858	1.408998	1.302527	3.318384	1.67295	0.401032	0.483827	0.967236	0.287049
3.15303	2.658209	2.945474	2.691064	3.169295	2.59808	2.016352	2.421754	3.45801	2.133508
3.400201	3.633645	2.763273	3.004831	3.075398	2.627972	2.281241	2.610051	2.784543	2.797859
0.461681	0.035854	0.453304	0.093787	0.181072	0.011882	0.047664	0.070945	0.502721	0.023927
0.242945	0.186003	0.062618	0.040664	0.08415	0.073436	0.305912	0.126009	0.029523	0.062618
3.906913	3.769651	2.854072	4.081797	3.606637	0.97737	1.646011	1.344759	2.428974	1.344759
2.889734	4.087946	3.294445	4.327963	2.687707	0.50862	1.612379	0.38798	2.752098	1.291345
2.922015	2.182678	2.298647	3.542043	3.016881	0.852655	1.613348	1.849479	1.990491	1.805429
2.683816	3.141777	2.68168	2.995165	2.866053	1.406487	1.658456	1.566951	2.552434	1.572902
4.457933	3.901532	4.125377	4.143294	4.01497	1.671804	1.657053	1.587875	3.993131	1.642084
6.93087	7.201203	7.35106	7.416112	6.4325	3.234721	3.457889	3.873064	7.32447	3.971707
0.215305	0.044819	0.156902	0.01857	0.044819	0.01857	0.01857	0.095807	0.044819	0.01857
3.344267	1.219043	0.732766	0.591644	3.136486	0.371821	0.082921	0.048856	0.635671	0.137718
2.693117	3.364333	2.344993	3.14413	2.546849	2.650583	3.36565	2.617151	1.821546	3.622862
6.40474	7.380206	8.068917	6.817551	7.178597	5.734074	3.7472	4.69784	8.240536	4.226743
0.038641	0.067027	0.076313	0.691379	0.130282	0.094629	0.009424	0.028997	0.057655	-0.00051
1.323014	0.684133	1.515037	0.215465	1.32905	0.1197	0.353972	1.29861	1.020719	0.147729
4.586276	4.184816	3.640605	4.049161	3.879242	3.204285	3.610666	3.470529	3.700356	3.01301
5.586941	5.802075	6.563071	5.757205	5.651895	3.531047	3.846297	4.211519	6.440527	3.841216
5.363988	5.512372	5.665822	5.494872	5.025128	4.287599	4.299626	3.948441	5.74844	4.315152
4.503006	4.445265	4.210035	4.594423	4.603278	3.52502	3.363226	3.19439	4.342909	3.313873
5.22766	3.862339	3.733756	4.048507	4.695827	3.385524	3.013578	3.139963	3.67959	3.139963
2.016793	1.622653	0.949103	1.214923	1.842244	3.665067	0.5069	0.518057	0.663455	0.472739
7.635375	5.8772	5.97407	3.306492	7.521242	1.298022	1.780872	2.892469	3.484158	1.617138
0.015591	0.026154	0.135963	0.015591	0.004922	0.004922	0.004922	0.057235	0.209305	0.026154
7.279758	7.545354	6.471323	5.10446	7.391431	4.989413	3.543701	5.14908	5.710287	3.183763
4.604204	4.406783	4.307068	4.1706	3.935045	3.56692	2.509619	2.356851	4.413432	2.61786
5.751763	5.31865	3.93174	4.672697	4.745292	4.171963	3.297546	3.251195	3.820458	3.36194
2.477799	3.006332	2.648536	2.776699	2.61292	1.044555	1.023122	0.812847	2.534064	0.819513
5.357965	4.853643	5.217062	5.029242	7.137408	1.860736	2.017843	2.212198	5.256921	2.224426

2.403198	1.790344	1.650169	2.634549	3.827597	0.839828	0.59109	0.466237	1.55029	0.905918
0.170382	0.159799	1.195612	0.221955	0.001022	0.094281	0.060145	0.025018	1.447789	0.060145
4.56114	4.76103	2.584563	4.421539	3.966471	4.101463	2.826915	1.486628	2.021583	3.132994
0.323226	0.323226	0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.263195	0.232732
0.255374	0.049274	0.348158	0.206596	0.370433	0.021264	0.168875	0.527173	0.677189	0.325526
7.410619	6.720154	6.869758	6.327595	5.909959	2.401279	3.429706	3.494672	6.838123	3.522689
3.70413	3.915586	2.974533	4.037084	3.252387	2.686605	3.068533	2.851759	3.179764	3.397032
2.516849	2.963795	3.248597	2.816449	2.675769	1.558065	1.396292	0.820451	3.426184	1.018391
2.333472	1.323557	1.253807	1.464	4.323045	0.367829	0.354996	0.367829	2.067595	0.489713
8.081273	7.169844	6.84266	6.724012	8.637912	3.122822	3.191032	4.325828	6.435192	3.146033
0.036611	0.124027	0.348633	0.000439	0.000439	0.124027	0.072081	0.036611	0.207449	0.000439
3.561812	2.245826	1.511663	1.511663	3.991742	0.365733	0.049666	0.167967	0.813038	0.195753
3.5461	3.112036	2.028751	2.908947	3.093796	1.294846	0.984504	0.975502	1.697675	1.10737
6.86566	5.88676	6.30818	5.731265	6.908322	3.370932	2.630718	3.175313	6.261794	2.488775
1.853541	0.290995	0.407015	0.268762	1.812308	0.07601	0.126895	0.376368	0.704213	0.301973
0.18406	0.206286	0.322067	0.091075	0.921464	0.400136	0.029325	0.041916	0.18406	0.016609
5.167767	4.970461	3.811679	5.091279	5.011075	3.099772	2.718555	1.988526	3.456126	2.524709
5.337629	6.147638	6.769513	6.091809	4.676045	1.83232	3.223703	4.450904	7.285732	3.406099
0.059014	0.117225	0.034942	0.059014	0.070877	0.022728	0.010393	0.010393	0.022728	0.010393
9.307416	9.757911	9.3787	9.520235	10.02772	7.76328	6.650767	5.922701	9.252714	6.327259
5.042278	5.069914	3.821158	4.762638	4.685439	3.705461	2.620126	2.598735	3.811427	2.608296
3.220694	1.955192	2.456005	0.764676	4.156824	0.379284	1.503734	2.674246	1.458547	0.069529
8.706487	6.910895	7.161544	6.144814	8.631336	4.016597	1.780367	2.989606	6.750204	1.806031
3.56144	4.1998	3.589346	4.397762	3.023747	2.880291	2.021888	1.909058	3.744274	2.172878
3.895858	4.120876	3.530921	3.397041	3.355148	2.693961	1.826209	1.933039	3.719496	1.782774
2.500793	1.377341	1.060099	1.215638	2.227843	1.628218	0.451179	0.863643	0.824508	0.26307
0.161015	0.146184	0.175715	0.022485	0.116116	-0.0264	-0.0264	-0.0264	0.432724	-0.0264
2.583514	0.566622	1.266004	0.587251	0.34285	0.19038	0.26857	0.293745	2.14191	0.050155
5.543351	5.665079	5.145088	4.672312	5.210395	2.786853	2.936177	3.179325	4.917827	2.874005
6.633804	3.816333	2.67385	3.505667	5.653191	3.821579	3.361214	2.846725	2.575636	1.951813
3.550292	3.283586	1.534375	1.920258	3.568121	-0.02396	0.063177	0.301712	0.651312	0.072411
5.80138	6.049688	5.910156	4.625008	4.926699	3.418044	3.435168	3.896107	5.640772	3.890655
1.443346	0.772975	0.560929	0.174926	2.396398	0.052402	0.499987	1.166921	1.186265	0.052402
5.528933	4.78103	5.280547	5.932848	4.936634	2.502286	4.043946	2.930892	4.801493	3.873645
1.388565	0.946276	1.559143	1.610634	1.977674	-0.07922	0.015058	0.032881	1.358968	0.032881
3.695601	3.506673	3.487476	3.431107	3.79971	1.99342	1.34755	1.609885	3.801856	1.439608
1.961324	2.078665	0.580275	1.405206	1.164803	0.822347	0.378079	0.693895	0.587699	0.208161
1.636121	0.542191	0.20613	1.443864	1.93976	0.174246	0.049473	0.073149	0.084814	0.084814
4.460446	4.875832	4.572208	5.180032	4.077797	3.33473	2.070621	2.015269	4.766649	3.074149
6.150674	5.761394	5.333474	5.50225	6.465548	2.857944	3.196753	3.218861	5.285322	3.199544
1.076556	1.199812	0.542205	0.455385	2.27691	0.214673	0.214673	0.214673	0.47519	0.165625
7.264068	6.828534	6.177069	3.772832	7.158395	2.848321	3.351192	4.805861	4.870862	2.32596
6.867919	6.413657	6.434255	7.744912	6.55796	4.135767	3.230786	3.253737	5.998983	3.93515
0.140595	0.117733	0.62523	0.329823	-0.01587	-0.01587	-0.01587	0.082656	0.865091	-0.00313
2.937901	2.845893	2.685739	2.478965	3.338092	2.280102	2.673824	2.826153	3.01085	2.499566
3.432211	1.637691	1.802492	2.022583	4.408467	1.310018	0.91871	1.449701	0.960919	0.857287
3.989309	2.792017	2.46016	2.458389	3.782754	2.877433	1.035703	1.702118	2.685448	1.04152

3.503031	3.676016	3.881186	4.759457	2.51019	1.327921	3.307922	3.527421	3.742812	3.481501
3.001746	3.799157	2.62014	2.047173	4.389042	0.116917	0.501176	0.409892	0.71749	0.356295
3.86982	1.833491	2.869113	3.619301	2.308727	0.729107	1.7778	1.471703	2.505861	1.772099
3.913089	4.024566	3.139329	3.309289	3.752419	2.620994	1.815197	1.74128	2.996113	1.761945
10.2008	9.535319	9.840779	9.377677	10.9648	5.193557	5.434944	5.739026	9.772767	5.429623
5.496902	4.34917	4.690842	4.645092	3.2887	1.266398	2.120522	2.095837	4.704813	2.362348
4.683924	3.936777	2.475162	3.168876	3.642305	2.285866	1.551685	1.953344	1.478124	2.016297
6.722209	6.935097	7.274034	8.814648	7.557687	3.306027	5.550566	4.642433	6.810722	5.516805
3.63962	4.280942	3.146128	5.408472	2.508019	2.380836	2.210235	1.545306	2.931834	2.784902
2.475299	3.566034	2.951863	3.111597	2.276596	2.586701	4.091642	3.476905	3.278644	4.178758
2.071021	1.494194	2.409879	1.698847	0.898454	0.278284	0.19447	0.527249	2.822077	0.21796
2.931348	3.199144	2.95743	3.001177	2.2724	1.314387	1.369328	1.369328	3.069798	1.306302
4.133682	4.154736	4.153767	4.10455	3.687022	2.287893	1.746654	1.955062	4.269172	2.07827
3.122555	3.361936	3.081057	3.185554	3.014731	2.240434	1.793287	1.849015	3.15904	1.959401
1.696878	1.292962	2.081707	1.780824	2.455016	1.189975	0.456891	0.581444	2.030578	0.840957
3.828601	3.532144	2.220132	3.107572	3.863744	2.599221	1.310513	1.816846	1.853245	2.076572
2.007241	1.865033	1.845513	1.504228	1.394663	0.932802	0.739722	0.56135	1.811207	0.739722
3.049147	3.205717	3.08344	3.173585	3.152903	2.481601	2.611691	2.51338	2.993	2.662607
3.148698	3.001579	5.731741	4.581688	2.088573	3.408678	2.732088	6.387692	3.970528	2.648907
4.042936	4.661391	3.8866	4.362683	4.306603	3.5698	2.400599	2.066399	4.059262	2.515859
2.09665	1.679437	0.904679	1.100583	1.171418	2.405899	1.328279	1.508944	0.932555	1.03848
4.66956	5.204836	4.837788	4.829565	4.478939	3.233594	2.674478	2.238361	4.927891	2.595196
5.572061	4.693549	2.98784	1.908769	4.580365	0.836977	0.87772	0.936625	2.116911	1.029441
5.202313	4.595391	4.264664	4.771047	4.906315	3.075419	2.660408	2.895249	4.092692	2.459011
4.770338	5.187543	4.487725	4.754752	4.3599	3.637753	3.853405	4.173409	4.768449	3.941813
4.581735	4.785882	4.734899	4.665681	3.650988	3.963113	3.861127	4.223511	4.69437	4.254142
5.165161	4.675243	5.173245	4.662282	4.754109	1.909689	4.036689	3.987466	4.954504	3.363015
5.586693	5.568501	5.193399	5.302468	5.801822	5.02596	4.131016	3.855542	5.441452	4.231691
6.420075	6.19763	6.49567	7.203758	9.330696	1.351165	3.961343	4.80764	6.489512	4.947493
6.000577	5.459925	3.196632	4.256923	1.431473	3.600635	4.445674	1.812172	2.509056	4.154196
4.020877	3.602492	3.457677	3.433151	4.068275	1.756572	1.418785	1.40208	3.661122	1.528883
6.285958	6.657571	6.195895	5.56703	5.898909	5.296371	5.135483	3.408302	4.608931	4.913753
2.299429	2.737296	2.07941	2.342281	1.764665	1.051473	1.676783	1.367329	2.141053	1.404977
3.451036	2.974973	2.634953	2.99913	3.708866	1.672572	1.63686	1.692494	2.231229	1.702327
3.78366	2.358629	2.490503	2.631906	5.835601	1.730607	0.484377	0.597064	2.377327	0.637716
4.437889	2.792589	2.918919	2.587634	4.802506	3.632102	0.65689	1.457382	2.583308	0.96662
0.768918	0.341421	0.421028	2.173107	0.51678	-0.0143	0.123803	0.163109	2.083207	-0.0143
5.312487	5.209141	5.080503	5.325985	4.607602	4.499965	3.440971	3.102473	5.33359	3.587072
4.648003	4.533471	4.616421	4.611157	4.719457	3.038398	3.525741	4.525522	4.381997	3.779672
5.217841	5.598195	5.171719	5.554566	5.357874	3.853959	4.140492	3.666119	5.012333	3.807008
0.411575	0.214217	0.586837	0.2965	0.310753	-0.02254	-0.02254	-0.02254	0.526115	-0.02254
1.404434	3.275736	2.659857	2.261874	0.912723	1.320427	0.344868	-0.04487	2.822333	0.271987
3.985527	3.619213	3.859734	3.753844	3.881481	2.219122	1.95574	1.762843	4.115615	2.142394
7.15473	6.752036	2.288719	3.330285	6.426195	2.849728	2.098648	1.681302	1.438815	1.550171
2.347115	2.338956	2.166674	2.0412	2.749367	0.186222	1.530441	1.288832	1.845449	1.1513
2.911962	3.553524	3.018666	3.173045	2.479715	2.975695	6.003488	6.701594	2.758989	5.874575
6.374341	7.617263	6.37034	6.944799	6.161449	5.591238	4.430883	4.029967	6.310256	4.389044

3.263638	2.953765	2.255227	2.53761	3.161102	1.256879	1.814114	1.506214	2.243986	1.686093
0.759974	0.782732	0.628821	0.458939	0.402915	0.513111	0.253854	0.206357	0.445112	0.445112
4.967521	5.114205	5.048644	4.529929	4.910012	3.443121	2.491101	2.597997	5.204703	2.412854
4.311251	3.81553	3.15927	3.839	3.438716	1.78776	2.332537	2.134772	2.839424	2.400563
2.426256	1.956546	5.940133	3.109298	1.909957	0.094662	1.838885	2.885291	6.751754	1.803889
3.014983	2.061872	1.727183	1.970799	2.674568	1.415042	0.723305	0.432519	1.777489	0.622501
0.382826	0.152313	0.22915	0.22915	0.31392	1.23818	0.014424	0.098724	0.098724	0.178381
6.113905	6.238628	5.127475	5.422261	6.140117	4.556625	3.653767	3.394768	5.454515	3.094734
6.427626	4.873775	5.173208	4.564248	8.589632	2.030982	0.85258	3.024078	3.985061	1.660463
7.243295	6.542412	6.143504	6.449983	6.846457	4.409336	3.554463	3.98232	6.212917	3.741412
5.472594	5.130461	5.357105	6.510263	5.161042	3.042049	3.410971	3.358846	5.462994	3.718045
3.994391	3.485578	3.973147	3.345676	4.554852	3.189508	1.783538	2.465807	4.200009	2.079157
3.279235	3.140939	2.337448	3.144182	3.25036	3.507506	2.507615	2.059933	2.235047	2.677023
3.794183	3.417103	3.522028	3.464644	3.468231	3.517438	2.992719	2.733525	3.744863	2.945535
0.643491	0.355757	0.355757	0.837415	0.239754	0.049712	0.049712	0.049712	0.217485	0.049712
1.385248	0.844449	4.07347	1.069274	-0.02572	-0.12499	0.58367	1.480553	3.795309	0.254349
2.308364	2.125964	0.315722	0.739125	1.607217	2.830606	0.363249	0.30358	0.135146	0.666094
4.984454	1.52983	1.836737	0.358096	6.392456	-0.20537	-0.22759	0.24159	1.881488	-0.33293
6.955853	7.066463	6.225175	7.009219	7.394342	4.517882	5.07071	4.547339	6.12029	5.306822
3.613788	3.291083	3.342267	3.529426	3.595072	3.313121	1.767769	1.932289	3.691443	1.823583
5.501461	4.259754	4.807506	5.110702	4.296532	3.323817	3.569807	4.070584	4.938294	3.434183
4.431065	4.412273	3.29421	3.626537	3.667517	3.472726	2.315094	2.200494	3.412359	2.294216
3.354053	3.706648	2.87608	3.428023	3.533101	0.854367	1.848423	1.39624	2.840666	1.732078
4.210564	3.195389	3.372574	3.018028	2.808403	2.434968	2.527017	2.55316	3.652246	2.014798
4.264576	4.808142	4.698726	6.780295	3.339454	2.787885	3.439653	3.392899	4.634261	4.378132
3.515831	4.235155	4.093317	5.15769	2.799248	1.279397	3.681243	3.395032	4.121186	4.19464
3.024671	2.787272	2.217465	2.690038	2.259575	1.716858	1.339955	1.19546	2.242927	1.326995

CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14	CGGA_14
1.914966	0.56889	0.768814	0.650755	1.089617	1.974664	0.264237	0.191389	0.310666	0.451205
0.314939	1.486338	0.844265	0.398583	1.863162	3.569124	0.583523	2.304293	0.682154	0.818483
5.247114	5.454	5.751637	3.0494	5.627556	4.671219	3.365501	5.54328	4.872508	5.26664
3.413239	3.976567	4.265191	0.418678	3.469594	4.225531	0.223055	3.465454	4.698536	3.12183
1.569239	1.307934	1.569239	0.608867	1.06779	1.520076	0.445485	0.513364	0.479875	0.932338
6.926436	7.082336	6.95429	4.681029	7.202944	6.183164	4.457401	7.33906	7.398737	7.505686
5.686506	6.652449	5.969401	4.421516	6.178573	4.54997	4.919187	6.129238	5.77963	6.305454
1.127688	0.988286	0.887459	0.574891	0.325809	2.223083	0.465992	0.031713	0.338238	0.48763
0.229834	0.240415	0.009871	0.164415	0.071566	2.584391	0.351318	0.071566	0.009871	0.107188
5.754557	5.195713	5.739198	2.647541	5.698707	3.958531	2.74964	5.644151	5.393136	5.555763
5.258627	4.426017	4.513712	2.813692	5.006773	3.565097	2.583806	5.069668	4.784865	5.42939
3.604413	3.076854	3.577993	1.721284	2.802599	2.948196	1.531014	2.525202	2.356662	2.189465
2.276874	2.714606	2.180819	0.769092	2.327598	3.716278	1.210029	2.21778	2.41774	4.103935
2.186288	4.288456	3.756316	1.237382	3.45927	1.883768	2.192819	3.353166	4.22721	3.567836
5.653549	7.073785	6.419233	4.291178	6.190726	4.751149	4.678225	4.566281	4.31684	4.806854
3.692736	4.400241	3.639322	1.341479	3.558542	2.279952	1.53477	2.823668	2.760286	4.79579
0.609756	1.927417	0.977629	0.422404	1.514717	1.795989	1.011539	0.875811	0.663556	1.38884
7.606706	8.49249	8.073812	6.367866	8.643702	8.63215	7.033165	9.210453	9.543075	8.200068
5.830899	4.973607	6.274751	4.896454	4.714072	3.286136	4.485697	4.394304	3.94838	4.685963
3.873449	4.017727	4.486557	2.798323	4.15472	1.906374	2.406844	3.462608	3.010289	3.746858
3.332425	3.242797	3.496156	1.702017	3.543173	2.69929	1.820178	2.689843	2.693632	3.703049
3.730476	3.70732	3.401631	2.390916	3.394891	3.644934	2.481656	3.429132	2.443984	2.636136
3.15972	2.762605	3.188383	1.970267	2.950962	2.150002	1.974111	2.844769	2.925424	2.862708
0.672979	1.076887	0.240993	0.362233	0.672979	2.133788	0.902125	0.689115	1.076887	2.059084
3.899949	3.785682	3.65535	1.406067	3.574115	2.641281	1.230308	3.50222	3.7265	3.395699
3.273046	5.828403	3.291276	2.031935	3.732081	1.595067	1.955552	2.848868	2.617736	1.936842
1.614676	0.588574	0.512958	0.297123	0.943751	3.009285	0.190876	1.541989	0.612837	0.468977
5.601325	5.96262	4.791616	2.840954	5.428107	4.58826	3.221866	4.420278	3.887611	4.971975
3.085478	3.3941	3.401977	4.545037	2.149617	4.225924	4.849837	1.751837	1.697048	2.244421
4.752988	4.405897	4.236124	5.857018	4.361652	4.113725	6.135855	4.369152	4.270634	4.134799
1.5036	3.691704	1.621115	0.577077	3.77472	4.433179	1.812196	3.135009	2.441847	4.929778
4.889416	5.89973	5.349357	2.823225	4.821447	3.369905	2.722283	3.934686	3.108877	6.364429
4.689304	5.279095	5.351452	3.259884	6.154031	4.97929	3.478281	5.269391	4.680529	6.13341
2.972176	3.302012	2.672154	1.567708	2.394996	4.406447	1.741456	2.542611	2.631242	4.916198
2.324416	3.607758	1.891534	1.707384	1.664481	5.274341	2.222036	1.792163	3.335109	2.755462
2.575437	2.985015	2.884271	4.26707	2.51201	1.999551	3.910751	2.394408	1.822597	2.219908
5.640055	5.06627	5.192685	3.386846	5.426314	5.241169	3.5036	5.698951	5.973115	5.448318
4.081573	4.362375	3.620193	2.265324	4.083008	3.653901	2.554048	4.160829	4.224102	4.675205
4.458268	4.995587	4.702029	3.259868	5.38441	3.956939	3.923641	5.311566	5.383699	3.872766
0.178044	0.755167	0.178044	0.018737	0.078608	3.636943	0.033927	0.033927	0.122019	0.048966
0.756085	4.333473	0.221099	-0.03602	0.833613	-0.03602	-0.03602	0.448628	0.906417	3.991769
3.006926	2.637877	2.279472	2.123527	2.404831	1.823438	1.953816	2.168428	2.142628	3.328642
1.312609	2.762383	1.832351	0.223803	3.869851	2.769981	0.461855	4.586017	4.010273	1.647747
0.650036	1.419383	1.581821	0.76451	1.485193	2.84592	0.968745	0.538296	0.284409	0.738608
0.658846	1.520899	0.977111	0.205616	1.036035	5.340056	0.812774	0.874053	0.205616	3.01323

9.254578	11.02692	10.00737	6.409294	11.15159	9.611767	8.13176	11.36686	11.38995	9.980193
5.773402	3.808253	6.696209	3.573079	5.817761	2.479701	3.693042	5.164136	4.065068	3.918044
3.838581	3.810619	3.946655	1.439724	4.288058	3.821555	1.65725	3.858631	5.508843	4.528135
2.089115	2.362398	1.182977	0.189162	1.366442	2.391877	0.404408	0.262534	0.356315	1.792037
0.237208	0.641698	0.652385	0.447125	1.114978	1.099315	0.530363	1.018417	0.397371	0.683989
0.663631	0.703091	0.833449	-0.0458	1.318189	-0.0458	0.107423	1.151296	0.503209	0.746516
2.625032	2.606801	2.665335	1.766808	2.307462	3.311762	1.933869	1.373379	1.211787	2.530571
4.297972	5.159295	4.874329	2.051868	4.577967	3.642263	2.723644	4.777125	4.736729	4.586408
4.404325	3.823749	4.684926	1.98569	4.63175	4.266245	2.424588	4.257828	4.033155	4.391779
0.029448	1.002022	0.029448	0.029448	0.290894	0.029448	0.226379	0.376801	0.56702	0.46932
0.49278	3.29295	0.429866	-0.04752	0.371064	3.765046	0.175328	0.646149	0.819267	2.626166
6.827911	7.539656	7.323168	3.772878	6.560168	8.68053	4.550919	9.307687	8.195452	8.137548
8.824087	8.818148	9.318262	6.000218	9.072052	7.702534	6.11702	9.037716	9.068342	8.443351
4.687951	4.866388	3.972434	1.528499	3.870163	4.269234	1.348788	4.258155	4.245866	5.120697
1.740313	2.318527	1.661867	0.983605	1.806465	5.928603	1.427505	1.020233	0.632743	2.463836
5.054419	5.320476	5.01044	2.464535	5.610211	6.539256	2.922521	6.412071	7.093052	5.761779
0.026489	2.390397	0.967159	-0.38961	2.633017	1.582966	-0.06663	2.997806	2.769269	2.440485
4.068751	3.746753	3.91014	2.491103	3.141505	3.228524	2.655335	2.353348	2.234823	3.700529
0.696283	-0.18405	1.329922	-0.05309	0.222754	1.095507	0.308098	0.611294	1.118704	-0.21662
6.981353	9.401829	8.401278	5.531281	7.99907	11.49744	5.161519	11.25872	10.17014	8.407302
3.146081	4.054756	3.819635	2.922754	3.362895	1.847614	2.970197	2.515049	2.187678	2.512973
4.202961	4.694639	4.242466	2.078007	4.004921	3.782518	2.357671	3.500857	3.627163	4.354863
1.855214	0.694611	0.481096	0.454477	1.164012	3.769955	0.434063	0.816244	0.270963	0.440912
5.492587	5.064979	5.615661	3.202499	5.557335	3.075486	3.220272	4.8296	4.725189	5.176308
3.586168	3.968169	3.878011	3.16144	3.31512	3.018161	3.0789	3.100409	2.468287	3.06677
1.510144	4.278093	2.515716	0.08064	3.064958	0.79499	0.837294	2.860188	3.867573	1.743486
2.992201	3.407993	2.399892	1.421735	3.145745	3.453006	1.479807	3.632495	2.867906	2.866941
3.791015	4.11832	4.555342	2.858205	4.073398	3.548325	3.110102	4.41797	4.068885	4.414613
2.99571	4.924071	4.296577	2.749529	3.921483	3.951349	2.395023	5.357713	4.81409	5.114642
3.089619	1.799025	4.4626	0.67073	3.905678	2.950094	2.340053	4.783743	4.35514	0.854497
1.830359	3.325275	2.451411	0.996866	3.766593	4.68044	1.700943	4.59488	3.867372	3.646689
2.64935	4.994038	3.022274	1.687154	3.948767	2.799443	2.36093	2.24727	1.742543	3.179557
3.307118	3.603977	3.137708	1.900956	2.614327	3.641077	2.077659	2.093478	1.927051	2.589223
3.913843	3.815785	3.787985	2.921693	3.03838	3.72926	2.794742	2.678305	1.952797	3.166856
2.696847	2.993991	2.537096	0.846406	2.053805	0.747315	1.176265	1.685352	1.425057	2.743145
4.632238	3.393995	3.329104	2.253387	4.232327	3.704304	2.036492	4.304238	3.619663	4.372166
7.182565	7.615927	7.309208	4.742509	7.629226	7.271394	4.959309	8.537594	8.439839	8.457532
1.009097	1.902213	1.145363	0.35521	0.960115	0.894142	0.434178	0.894142	0.508399	1.082345
5.486124	5.488288	5.160191	3.805963	5.461251	5.386246	3.77772	6.327921	6.640229	5.033549
1.048271	0.425065	0.246324	0.180874	0.246324	3.27039	0.318762	0.971089	0.246324	1.464517
3.528793	4.021064	3.923748	2.272453	3.465092	2.427627	2.228995	3.097653	2.703966	3.499194
4.46808	0.667306	3.576949	1.339265	5.060272	4.977084	0.610864	3.11253	2.700825	0.761758
3.297489	3.536238	1.800255	1.587538	2.788555	3.80168	1.545124	1.717511	1.327385	3.158049
3.604337	3.712917	3.011022	1.236717	3.113021	5.563785	1.443141	3.341451	4.042531	3.014171
5.252218	6.106376	7.223489	4.125032	3.441422	4.170816	4.765566	3.250586	5.107798	6.094231
0.157609	0.369891	0.582173	0.051625	0.19534	3.135856	0.170301	0.19534	0.105636	0.051625
1.559074	2.867323	2.142669	0.591852	4.455414	4.939687	0.939155	4.645394	5.158495	2.6802

0.539019	0.755088	0.4192	0.334131	1.879378	1.885008	1.839407	0.362983	0.895053	0.228925
2.643523	5.794081	3.167621	1.159274	4.808129	5.665138	2.453864	4.115774	2.785905	4.471741
2.178652	1.449873	1.229227	0.321218	2.22009	2.980528	0.235079	2.799013	1.932866	1.631036
4.779878	3.767006	3.259936	2.066365	3.520843	3.302672	2.381037	3.430674	2.940306	4.079191
2.87295	3.222328	3.171649	1.711006	3.816783	3.674863	2.166365	2.352888	1.578213	3.837652
6.39443	6.791794	6.957028	4.509823	5.706822	4.581776	5.906578	5.915943	5.224047	5.737287
1.740319	2.770549	1.607602	0.319476	4.39232	4.471412	1.579753	2.935852	0.966208	2.574947
6.238255	7.538032	7.824076	5.908476	7.925305	4.708931	5.920039	6.126794	6.601269	6.49224
1.565816	3.463533	1.933698	0.778406	3.014932	3.630835	0.958706	2.453922	1.785154	4.275572
1.880146	3.034596	2.1008	0.535052	2.902184	3.504549	1.080132	2.202429	1.637042	2.385976
3.853738	4.020122	3.992254	1.90698	3.382141	1.832443	2.579079	2.579079	2.24133	2.12439
0.103917	0.347146	0.134556	0.072671	0.103917	2.501026	0.134556	0.072671	0.103917	0.149655
7.957998	8.01146	8.450821	5.257106	8.316891	7.306761	6.433216	9.354939	8.370133	8.074681
4.984004	5.019601	4.909025	2.818651	4.464168	3.580142	3.23172	4.209762	4.005649	5.355385
3.535494	4.991815	2.810338	1.073773	3.323302	5.294182	1.148877	2.785728	1.96393	4.547451
0.501957	1.585292	0.831956	0.172481	0.5612	2.99583	0.37513	0.707639	0.318591	2.895115
5.067352	5.113009	5.239146	2.884851	4.236549	2.483059	2.181099	3.339782	3.710041	5.109434
2.956865	5.545056	1.122706	0.783578	2.693691	4.09635	1.262983	1.590238	1.14464	4.358291
2.87006	3.123271	3.060117	1.788995	2.773902	3.231915	2.107806	2.271587	1.851437	2.57573
3.462335	3.705486	3.251505	2.818448	3.359974	3.559295	2.665071	2.268818	1.740324	2.630191
0.6181	0.262485	0.105048	0.023927	0.105048	2.429874	0.070945	0.059361	0.047664	0.093787
0.062618	0.029523	0.029523	0.040664	0.11569	2.975421	0.156408	0.051695	0.233653	0.422124
2.1817	3.922251	4.131425	1.205127	3.740437	1.477654	1.429534	3.596005	2.123622	3.45143
2.811915	1.097013	3.986071	1.091592	3.476066	1.018797	1.013011	5.137854	4.785737	0.953555
1.568393	3.357668	3.959417	1.886131	3.954181	1.110606	2.74535	2.916389	1.733178	1.193442
3.724429	2.696542	3.652541	1.722356	2.975772	2.363548	1.880858	2.649131	1.752949	2.715356
4.41572	4.352254	4.421997	1.611465	4.186744	2.754601	1.87655	3.948754	3.731719	4.085878
6.788588	6.654213	7.159928	3.901105	7.121499	5.99292	4.410792	7.855789	7.558324	6.74279
0.01857	0.292973	0.120584	0.01857	0.01857	4.152667	0.01857	0.01857	0.044819	0.044819
0.906959	2.921608	0.778633	0.082921	1.168202	2.439992	0.105128	0.4743	0.664188	1.680066
3.269888	3.55724	3.639141	3.202779	3.202779	3.250946	3.134297	2.327145	2.240813	2.642657
6.692098	6.907148	6.685569	3.928449	7.058397	5.474854	4.471284	7.117488	6.470428	6.925177
1.11913	0.511383	0.121487	0.028997	0.028997	3.015886	-0.00051	0.019258	0.121487	0.20613
0.424172	0.565287	0.292689	0.292689	0.329776	0.982769	0.389507	0.188759	0.241677	0.412711
4.463955	4.941909	4.835967	2.951302	4.084416	3.401373	3.104482	3.462906	3.314769	4.124043
5.089841	5.398617	5.351403	4.135565	5.551176	5.376915	4.375038	5.712413	5.834344	5.646613
5.37703	5.111759	5.061438	4.347308	5.17436	5.531633	4.555036	5.315363	5.850763	4.283404
4.456269	5.248259	4.597896	3.457939	4.470196	4.758294	4.217126	3.954435	3.818875	4.957225
4.651785	4.591027	4.733177	3.035754	3.97877	3.600504	3.349814	3.485751	3.183612	3.737452
2.277727	0.930159	0.57748	0.756714	0.941564	2.856933	0.92633	0.277138	0.324431	1.42658
4.731899	5.568281	4.143607	2.062556	5.174888	3.841634	2.858019	3.537701	2.61031	3.53207
0.004922	0.026154	0.004922	0.004922	0.004922	3.085948	0.004922	0.004922	0.015591	0.004922
5.203889	6.751543	5.201046	4.154867	6.430355	5.448365	4.892046	4.964173	3.080373	6.484142
4.444721	4.785803	4.29785	2.402719	4.210667	3.242515	2.567057	3.628665	3.705653	4.09768
4.849131	5.844671	4.930658	3.366502	4.91401	6.295851	3.915642	3.96837	3.709265	5.299908
2.780422	2.679846	3.412888	0.757848	2.938155	2.114392	0.990082	2.396558	1.568383	2.532874
4.416291	4.863834	4.592938	2.050323	4.818687	3.886354	2.523721	5.90922	5.998363	5.954844

2.575658	2.824053	1.528465	0.941213	2.221919	3.778375	0.505965	2.518002	2.45763	3.791236
0.001022	0.001022	0.094281	0.013079	0.060145	4.380573	0.025018	0.127483	0.159799	0.001022
6.125682	5.030365	4.473909	3.265479	4.242061	3.502847	2.591553	2.922167	3.327207	3.836491
0.323226	0.232732	0.323226	0.232732	0.232732	1.17409	0.552228	0.232732	0.411121	0.263195
0.076739	0.063073	0.370433	0.181561	0.181561	0.021264	0.049274	0.143157	0.049274	0.517248
5.624574	6.485637	6.106432	3.711163	6.883745	5.705761	4.054996	6.599748	6.272406	5.685699
3.898987	4.284539	3.981118	3.436217	3.766276	4.155595	3.5769	3.581907	2.829012	3.286414
2.246833	2.826393	2.687014	0.820451	2.165776	1.659019	1.077398	2.406054	1.34291	3.454335
1.042325	2.064084	1.28597	0.568774	1.057532	4.283948	0.47802	0.879722	1.019179	2.074592
5.914472	6.981729	6.595299	3.481521	6.959294	5.267534	4.371929	6.935114	6.926075	5.610983
0.000439	0.000439	0.000439	0.000439	0.072081	2.582242	0.333474	0.000439	0.000439	0.000439
0.802226	3.299162	1.552245	0.167967	2.105983	2.09532	0.283847	2.06273	2.352176	2.173008
3.142617	3.42476	2.653719	1.066536	3.050247	3.200741	1.486607	3.508927	3.483426	2.781335
5.328865	6.890647	5.641654	2.639846	6.732404	5.30815	3.569065	7.242533	6.46125	5.539325
0.139316	3.169072	0.279925	0.139316	0.234696	1.863653	0.139316	0.175894	0.151621	0.407015
0.584908	0.371416	0.206286	0.1728	0.029325	0.850266	0.054384	0.066732	0.114963	0.702236
5.125384	5.93377	4.921721	2.519115	4.735643	4.11758	2.687734	3.838943	4.002782	4.426137
5.210321	5.074474	5.89572	3.744904	5.317064	3.876086	3.806198	4.705733	3.904463	5.515906
0.034942	0.1058	0.022728	0.034942	0.070877	3.696562	0.022728	0.082628	0.047036	0.287019
9.854748	9.228314	9.381312	6.95287	9.756253	10.45839	6.335969	10.40966	11.23638	10.76637
5.020056	4.95469	4.686415	2.756658	4.842398	5.387565	2.98228	4.980298	4.442707	4.726945
0.356894	1.379804	0.72196	0.189156	0.982259	4.773174	1.20137	0.806116	0.747747	1.411839
6.627814	7.709948	5.935932	2.30811	7.113795	8.323441	2.999735	8.80287	8.988039	8.432552
4.519667	3.767808	3.803764	2.27825	3.92166	3.222577	2.098464	2.588589	2.104869	3.612694
3.164783	4.107176	3.10911	1.900993	3.822424	3.115044	2.101709	3.272349	2.140084	3.481359
0.963571	1.773453	0.874582	0.335105	1.525159	4.293783	0.76617	1.259231	1.064718	1.888929
0.006351	0.146184	0.022485	0.006351	0.175715	1.168745	-0.0264	-0.0264	0.022485	0.482092
0.941047	1.543274	0.470072	0.079279	0.436441	0.3185	0.135868	0.733461	0.330725	1.341865
4.759834	5.345514	4.914577	2.434886	6.018041	3.276824	2.981806	5.393528	4.270459	5.285588
3.778543	7.555753	3.638981	2.606829	3.497299	3.829033	2.265139	1.826032	1.489007	6.928735
2.244945	2.880488	0.922565	0.072411	2.931237	4.128579	0.463842	3.324587	4.256312	2.567241
5.243628	5.54213	5.747316	4.504142	5.641144	5.016845	5.108012	6.082798	5.715862	5.092651
0.89597	0.226166	0.70275	0.080557	0.609792	2.578365	0.425421	0.872208	1.421804	0.200777
4.933534	6.68209	6.526628	4.19311	5.225809	4.602864	4.325808	4.518869	4.44332	5.33513
1.760037	0.586429	0.462959	0.067592	1.267	3.306623	0.092848	2.928988	2.357075	2.300735
3.49294	3.156439	2.946789	1.542226	3.614594	3.285638	1.351254	3.460995	3.204231	3.551904
2.740455	2.69617	1.347477	0.707373	1.865162	2.052582	0.487436	0.938428	1.008301	2.274714
0.676838	0.618858	0.30666	0.096365	0.353923	3.678632	0.257451	0.20613	0.277379	1.594166
5.524967	4.836894	5.023771	2.792805	4.823046	4.67369	2.650186	4.650495	4.793957	4.981735
5.605074	6.360931	6.273182	3.006697	5.740075	3.584057	3.935585	5.960911	5.342169	4.670323
0.273466	0.891388	0.445367	0.238513	1.859656	2.230002	0.404495	1.082701	1.410988	0.5515
5.709592	5.180128	4.691742	4.20833	4.643682	3.403154	4.970727	3.723775	2.821938	3.946098
6.061694	6.583207	7.428058	3.745851	7.31947	4.835932	4.210203	7.064707	6.352283	7.549801
2.157231	0.396466	0.396466	0.129215	0.058726	-0.01587	0.009481	0.228165	0.070747	0.569732
2.149706	3.147946	2.868941	2.59833	2.892411	4.440193	2.924104	2.465891	3.251315	2.284762
1.335382	2.318118	2.165048	0.935754	3.119173	3.824616	1.850358	1.900692	1.303602	1.466889
1.622745	3.710947	2.767623	1.530039	2.766252	3.136893	2.528975	2.592457	1.90999	2.676615

2.673641	3.950763	4.618606	3.494794	4.753443	3.402185	3.556074	3.288574	2.829461	3.101716
2.004222	2.245677	1.199012	0.640487	3.197869	3.930637	0.750315	2.097506	1.920526	0.230064
2.172801	4.058256	3.783697	1.374869	2.612554	1.575229	1.928147	2.258402	1.992504	2.076711
3.621782	4.174707	3.740371	1.669412	3.648479	3.150768	1.795533	3.118039	2.892937	3.632784
8.473606	9.731329	9.445938	5.322152	9.64797	9.933479	6.237748	10.69818	11.0821	9.159923
4.430979	6.215213	4.639457	2.500752	4.927351	6.459406	2.920018	4.690842	3.625042	5.021046
1.537281	3.922534	2.553996	1.057964	4.688432	1.915261	2.953865	2.411028	2.881469	2.870415
6.659439	6.894201	9.198294	5.228135	7.542931	5.65598	5.675766	8.323634	7.709987	7.569152
3.105052	3.619253	4.302133	2.489186	4.36216	3.291789	2.333206	4.403265	3.924061	5.449369
3.473591	3.139704	3.559122	3.938594	3.180078	2.550138	3.723857	2.313721	1.945293	2.56123
2.782335	2.356475	0.71092	0.544728	0.321478	2.814543	-0.04269	0.051125	0.491447	2.483447
3.071343	3.001177	3.383375	1.195179	2.700234	1.787613	1.37695	2.079201	2.14389	2.627814
3.716192	4.271541	4.308277	1.862597	4.015509	3.380047	2.356454	4.105569	3.206514	3.380047
3.486272	3.353682	3.383618	1.853175	3.269158	3.241719	2.017389	2.661186	2.39403	3.331332
1.302776	2.620472	2.283276	0.572323	1.307652	1.47505	0.918284	1.076975	1.040817	2.334699
3.507107	3.657767	3.390182	2.374796	3.496943	2.361542	2.341379	2.710973	2.493814	3.260418
2.378737	2.356171	2.100046	0.624137	1.403171	3.380764	0.755269	1.305681	0.885961	1.678481
2.65334	3.886351	3.300513	2.57452	2.580467	5.77019	2.385539	2.770258	2.448957	2.85182
4.488567	5.367869	4.204261	1.745121	4.480555	7.327504	2.249355	6.45945	6.580337	3.834693
4.429709	3.937352	3.934119	2.598974	4.388046	3.686194	2.403089	4.258974	4.670749	4.609397
1.96239	3.67994	1.130564	1.468351	1.124623	1.791482	1.118655	0.690931	0.966586	1.990365
5.175616	4.903111	4.685931	2.637739	4.799454	4.760435	2.817463	4.315645	4.464177	5.112943
3.049799	6.793355	2.265247	0.897641	3.558742	6.372412	0.946198	3.021237	2.514618	3.234459
4.717279	5.472628	5.102833	2.413384	5.11503	5.206171	2.853477	4.827712	4.551542	4.417791
4.838491	4.978877	5.0968	3.675825	4.277461	5.32531	4.382401	4.758192	4.572077	3.756649
4.237238	5.745756	5.344379	4.392645	4.53511	3.970892	4.358422	3.879455	3.184377	4.809962
4.788798	5.528288	5.53374	4.00809	4.64526	4.861707	4.606904	4.722933	3.840633	5.578412
5.897958	5.605127	4.701889	4.490934	5.300078	6.805699	4.528424	5.760648	5.737667	5.681772
4.600459	1.432257	7.250363	3.91974	6.613648	7.003596	5.354614	8.29551	8.381504	3.50529
7.325214	8.751659	6.428489	4.300446	4.571315	5.545367	4.377135	3.845333	3.639724	5.453679
2.905688	4.543292	3.78383	1.341452	3.887354	2.332802	1.594067	4.031516	3.068031	4.129207
7.191711	6.525707	6.662842	5.84971	6.614867	6.193892	5.873581	5.96117	4.836783	6.554328
2.437814	3.285614	3.33669	1.398791	2.291205	1.274115	1.882564	1.955916	1.723913	1.89842
2.639314	3.315079	2.643657	1.773528	3.155409	3.40036	1.883234	2.634953	2.585873	3.216414
2.203895	3.458935	2.079603	0.466054	2.665873	3.590537	1.380507	2.478635	2.890756	3.527965
2.203632	3.142606	1.777008	1.040085	3.11948	3.426803	1.786029	3.838725	5.008431	2.600513
0.163109	0.333143	0.113759	0.113759	0.123803	4.702331	0.123803	0.458822	1.299993	0.113759
5.805017	5.504323	5.397664	3.645937	4.956889	4.734154	3.727796	4.720763	4.736369	5.127729
4.26044	4.571998	4.890907	3.573726	4.588625	1.461424	3.759371	4.570777	3.423264	4.408521
5.681804	5.415661	6.066971	3.875934	5.542209	3.239042	4.542575	5.019549	4.61312	5.241313
0.673919	1.867513	0.025785	0.025785	0.753961	-0.02254	-0.02254	0.221986	0.436814	0.623626
0.707539	-0.09499	1.946202	0.012606	1.620959	2.032901	0.379698	2.498398	2.369422	-0.20205
4.100318	4.102243	3.229503	1.901062	3.548145	4.367007	2.146812	3.991265	4.420377	3.313114
3.111386	7.632118	5.312056	2.457391	6.256652	5.254875	4.034322	5.263651	4.623235	5.157594
1.976488	2.159087	1.774125	1.507704	1.881979	3.702525	1.308357	2.234666	2.164781	2.732987
3.660066	3.407003	3.856754	5.654563	3.204097	4.085514	5.618092	2.258762	2.367797	2.025677
7.129912	6.926601	7.332838	4.213183	7.001422	4.727295	4.509443	6.059558	5.662709	6.717068

3.299817	3.529977	3.393739	2.001356	2.929343	2.605304	1.819603	2.055994	1.909069	2.618911
0.513111	0.827321	0.431167	0.300013	0.713488	0.173909	0.388605	0.330079	0.431167	0.173909
4.507031	5.363529	4.75476	2.675449	4.636106	4.161735	2.909842	4.372638	3.687641	4.777862
3.764986	4.204778	4.301657	2.120439	4.225759	3.294171	2.284527	3.037608	2.181145	3.529669
0.829998	0.892667	2.963535	2.236069	1.361484	1.827318	1.393735	0.594455	0.378403	0.422267
1.716857	3.338407	2.017218	0.473052	3.088256	1.797025	0.895247	2.251854	1.369482	2.380502
0.057188	0.028819	0.178381	0.028819	0.014424	2.904178	0.014424	0.165406	0.203988	2.919797
5.698146	6.064961	5.331567	3.36667	5.850116	6.613419	3.552458	5.245234	5.351337	6.319583
2.515697	5.688599	3.246926	1.583288	6.017632	5.680579	3.923252	6.115821	6.965568	4.678437
6.297448	7.379053	6.251066	3.622905	6.548168	4.612689	4.22737	5.689343	5.951017	7.323875
6.555124	5.432442	6.011088	3.612506	5.847388	4.200903	3.823757	4.665296	3.715081	6.873607
3.179845	3.564733	2.869467	2.119817	3.927552	5.718897	2.532282	4.726566	5.132349	3.36047
3.144182	3.785036	3.455814	2.254079	3.102905	3.829864	2.780309	2.800701	1.775159	2.884768
4.069376	3.934403	3.662077	3.09345	3.18105	4.725502	3.220585	3.409633	3.307091	3.770703
0.049712	0.148255	0.525473	0.099932	0.602579	0.830475	0.385651	1.292727	0.136344	0.062453
0.025946	0.065672	0.724182	0.212148	0.472631	3.042668	0.387263	-0.06879	0.186065	0.015797
2.795065	5.044741	1.784715	0.386412	0.81691	3.514175	0.420442	0.628074	1.258838	3.621469
0.526521	6.47967	0.419058	-0.28499	1.836737	3.197486	0.154523	2.887753	2.700492	0.942994
6.420024	6.782343	6.636416	5.379827	6.946173	5.906919	5.556348	7.092358	6.694504	7.169374
3.616963	3.730617	3.052018	1.898165	3.575471	5.074935	2.286929	3.346366	3.833704	4.178671
4.340569	5.504434	5.271622	3.527226	4.67552	3.710941	3.735917	3.450238	3.843762	4.943907
4.449192	4.964998	4.107189	2.01468	3.781587	4.337597	2.251161	3.135379	3.093411	3.903105
3.851795	3.433012	3.26645	2.155516	4.449515	3.757913	2.042796	3.658487	2.854415	2.63211
3.795223	4.977965	4.294105	2.22537	3.244433	3.308791	2.550805	2.473083	2.665721	4.114946
3.153158	4.875446	6.137482	4.059008	5.292618	4.914022	3.651143	4.076963	4.86933	4.625667
5.235563	5.381801	6.103558	4.060178	3.930797	4.208841	3.601193	2.450399	2.876385	4.071319
3.365437	3.036821	2.581153	1.266677	2.170664	3.145314	1.346377	2.06723	1.707727	2.984563

CGGA_14	CGGA_14	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15
1.044544	1.22775	0.676956	0.66828	0.56889	0.685575	0.824115	0.40953	1.331896	0.461422
1.803176	0.603797	1.035413	1.722185	1.772218	0.756466	1.337097	1.402135	1.07223	0.765491
5.65328	5.570378	5.623483	5.205143	5.864479	5.578027	5.859897	3.112314	5.996904	5.668505
4.82742	3.393516	2.301097	3.30621	2.261963	2.496439	2.516834	0.294412	3.922025	3.775707
1.732042	2.45514	0.445485	0.73532	0.479875	1.253538	0.688153	0.716662	0.807344	0.744548
6.696304	6.691902	7.292817	7.097818	7.090886	7.478292	7.017567	4.677221	7.2148	7.381042
5.668523	5.297857	6.781325	5.905753	6.660649	6.421414	5.913255	4.504732	5.913161	5.742931
1.164722	1.268539	0.149135	0.254676	0.539838	0.156513	0.659966	0.901959	0.519267	0.476867
0.009871	0.240415	0.30211	0.175555	0.175555	0.37995	0.175555	0.083552	0.118842	0.009871
5.405956	5.609695	5.485078	5.180661	5.113167	5.768558	5.822222	2.446578	5.751566	5.818087
4.474929	5.190401	5.260363	5.258875	5.187071	5.753313	4.968134	2.921813	5.749224	5.15328
3.776053	3.203275	2.189465	2.26978	2.347673	2.562994	2.65561	1.99245	2.88707	2.732605
1.877208	1.901362	3.387197	2.114261	2.723781	2.853337	1.775215	1.506401	2.763561	1.860821
2.550561	2.114242	3.530707	2.972583	3.439405	3.280608	3.17374	2.212194	2.479854	2.945652
5.953352	5.684575	4.947242	4.579475	4.611377	5.556853	4.719918	3.750218	5.128381	4.954169
3.775406	3.93263	3.177161	2.715855	3.031916	4.014963	3.936281	2.392881	4.003385	3.369965
1.309671	1.087022	0.729263	0.818071	1.496498	1.210724	0.545063	0.824629	0.882053	0.617595
8.188488	7.722894	9.057999	8.792346	9.261699	8.192	9.045264	6.909332	8.865687	8.364605
6.315323	6.349867	3.523219	3.93901	3.20019	5.828664	4.626454	3.6195	4.666095	4.821095
4.8706	4.885515	2.868763	2.989808	3.404863	4.388149	3.457498	2.537011	3.603547	3.366252
3.577062	3.450462	3.204612	2.745251	3.123653	3.059725	3.126128	1.691944	3.314093	3.155373
4.220077	3.831761	2.624684	2.492498	3.235331	3.611197	2.709634	2.515992	3.042675	2.704286
3.064623	3.268781	2.813027	2.816415	2.788994	2.637705	3.229933	1.718442	3.130235	2.939024
0.04906	0.390573	1.389181	0.699741	0.264762	1.038641	0.208485	1.736489	0.458398	0.819882
3.600288	4.018501	3.176588	2.701434	3.267861	4.152383	3.616646	1.221889	3.624372	3.74396
4.15113	3.434552	3.761873	2.835668	3.13005	3.955254	1.863934	1.543685	3.334213	2.937379
1.062571	1.99321	0.735136	1.05688	0.749649	1.237689	0.918633	0.698133	1.383223	1.016333
4.902633	6.089393	4.434902	4.473716	4.466301	6.470936	4.245982	3.876063	5.067725	4.767711
3.628409	2.923153	1.417473	1.365698	1.198485	2.453215	2.2254	2.976698	2.066262	1.98049
4.07326	5.056431	4.513146	4.674083	4.213932	5.153559	4.690885	3.930246	4.551414	4.671823
2.530475	3.019838	2.419337	3.659264	3.326035	2.600317	1.304471	1.779491	1.787745	2.034188
5.484943	4.614618	4.057322	3.435889	4.515896	5.227996	4.790476	2.854079	5.177562	4.676804
5.975917	4.801627	4.951123	6.058559	4.967695	5.71621	4.85391	4.074794	5.224265	4.978272
2.694308	2.265142	3.338953	2.372384	2.252628	3.252824	3.003305	2.530128	2.933026	3.026982
2.456018	1.98115	2.012248	2.983808	0.879786	3.259757	3.040264	2.743921	2.202312	1.515185
3.103661	2.90959	1.766396	2.125662	1.890916	2.553343	2.038908	2.497172	2.080029	1.923564
5.3001	5.42551	5.898039	5.997315	5.638675	5.707897	5.982881	3.238478	5.761683	5.782986
3.783271	3.693521	4.365299	4.000986	4.263848	3.752892	4.19402	3.282932	4.026023	3.961461
4.808209	3.875656	5.187024	4.829257	4.512352	4.722607	4.31896	3.732311	4.355165	4.911499
0.063859	0.191735	0.063859	0.048966	0.033927	0.465501	0.078608	0.048966	0.033927	0.063859
0.540619	0.510735	1.240736	1.059215	0.357593	1.968602	0.673178	0.632884	0.964735	0.408106
2.70334	1.967503	2.939495	2.273078	2.688059	3.338775	2.73632	2.310963	2.57725	2.774215
2.603489	1.832351	3.684547	4.548218	3.508424	2.367596	1.786663	0.754488	1.954609	2.383481
1.52485	1.150531	0.796066	0.490281	1.498569	0.87997	0.947202	0.820687	2.183284	0.891459
1.041253	0.333425	1.155449	0.314617	1.030795	0.637248	1.121817	0.246395	0.449042	0.64449

9.977734	10.18776	11.5415	11.38469	11.84714	10.63271	10.31424	6.891864	9.764648	10.46581
6.343204	5.447319	5.103016	4.527964	5.427822	5.120996	5.8622	2.792824	6.632433	5.828836
3.784816	3.808881	4.649544	4.346572	3.947663	4.138925	4.856642	1.20998	4.323444	4.571626
0.694168	3.296491	0.759336	0.663276	0.356315	2.217059	0.523585	0.669521	1.285677	1.043508
1.034955	0.765108	0.397371	0.794417	0.530363	0.507055	0.434843	0.223045	0.306061	0.345885
0.172204	0.266847	0.509833	0.828521	0.652091	0.018081	2.207578	-0.0458	1.573516	0.657876
2.726792	3.302264	1.590428	1.63317	1.590428	3.067284	2.053078	1.39981	2.182908	2.075391
4.532664	4.927144	4.798783	4.363452	4.542969	4.856426	4.955085	2.582216	4.625761	4.773275
4.635845	4.717223	4.272293	4.002248	4.441225	4.565767	4.413503	2.47305	4.560931	4.653193
0.290894	0.131137	0.15897	0.480495	0.545851	0.252518	0.029448	0.376801	0.029448	0.186298
-0.13574	0.332809	2.292098	0.166445	0.909499	1.101238	0.184147	0.293309	1.177172	0.479078
7.796956	7.856239	7.893604	7.704585	8.791814	7.488524	7.788063	5.436143	7.16949	7.705141
9.422898	9.019528	8.757815	8.788709	8.728262	8.489863	9.13997	5.891363	9.101368	8.875317
3.905737	4.273844	4.35837	4.313409	3.52104	4.497978	4.745822	1.533637	4.684164	4.685349
1.95934	1.497791	1.163082	0.906874	1.137132	1.622871	0.790632	1.582586	1.296706	0.890932
4.989211	4.882698	6.825908	6.548348	6.414959	5.380669	6.413887	3.515609	5.709335	6.529256
2.0681	0.584394	1.27988	4.211934	2.983165	1.570088	2.37753	0.268044	1.299109	1.902058
3.795396	3.985815	3.330785	3.051001	3.025158	4.613958	3.000232	3.02053	3.026696	3.077677
0.766189	-0.06263	1.385354	1.430743	1.418322	0.61648	2.376235	0.046731	1.614614	1.040577
7.947459	5.189465	9.716784	7.806143	9.479705	6.543717	10.1927	6.80366	7.126797	9.042985
4.103643	4.31059	2.110418	2.319014	2.338932	3.252769	2.481327	2.500433	2.823718	2.637908
4.454553	4.753079	3.664449	3.51617	3.632577	4.742365	3.627163	2.596038	3.800888	3.673986
0.645135	1.846209	0.33322	0.736729	0.689227	1.406296	0.213312	0.363026	1.062824	0.587303
5.573219	5.601724	5.13909	5.03667	5.153183	5.097325	5.358922	2.892107	5.660132	5.318324
4.14748	3.776069	2.874262	2.984542	2.905689	3.321937	3.31512	2.163758	3.302349	3.109838
3.113987	2.247174	2.269491	3.886891	2.94264	1.934542	1.464753	0.972147	1.602541	1.586545
2.657552	2.865975	2.771861	3.122709	2.85137	2.939619	3.221482	1.376944	3.353136	3.461128
4.779568	3.998995	4.266673	3.813753	4.083863	4.110347	4.829673	2.077877	4.13268	4.237041
4.164009	2.899488	5.850428	4.682438	4.579271	2.897373	6.588423	2.917313	3.859305	5.222231
4.527111	4.17238	3.704045	2.789697	3.979289	3.984159	1.887464	3.004618	2.791727	3.53693
2.535827	2.070627	3.879974	3.922443	3.664372	2.489769	2.983832	1.546388	3.565409	3.361195
3.196042	3.175863	2.617557	2.504069	3.483128	3.474479	2.081583	2.67196	2.451509	2.039912
3.392096	4.247136	1.768322	1.95251	1.908478	3.319827	2.363207	2.183671	2.462644	2.323653
3.812644	3.74864	2.65992	2.239107	2.52677	4.052464	3.165414	2.914415	3.464199	3.060897
2.395986	1.874015	2.072875	1.271315	2.107696	1.895319	2.379515	1.147396	2.593884	2.182479
3.409775	4.079047	4.333162	4.45756	4.219176	4.275047	3.967891	2.647922	4.560149	4.580307
7.295831	7.12058	8.919427	8.552868	8.442331	7.739955	8.501982	5.322469	7.920579	8.086433
1.301007	1.500614	0.508399	0.698756	0.597706	1.036238	0.698756	0.445058	0.680987	0.653846
5.161202	5.24828	6.08783	6.095328	5.374647	5.547681	6.095867	4.028118	5.780327	6.121388
0.406368	0.53196	0.707785	0.308656	0.41575	0.677524	0.815413	0.308656	0.318762	0.288207
4.035109	4.380356	3.02649	2.591731	2.889036	3.934232	2.963086	1.955719	3.177666	2.76951
3.148624	6.0353	2.38388	5.029698	2.580073	3.186805	1.301068	0.074869	3.561303	5.046141
2.189628	3.062814	1.562274	2.00086	1.750589	3.926702	1.636487	2.161907	1.803722	1.660215
2.634787	3.133527	3.829518	3.453623	3.453109	3.859757	3.33801	2.192552	3.363537	3.438102
2.937551	3.957513	6.224739	3.707445	4.404853	3.817088	2.948656	4.405498	5.203437	6.101265
0.267836	0.505112	0.302702	0.402295	0.369891	0.544181	0.19534	0.157609	0.402295	0.118815
3.030164	2.261873	4.275291	5.052979	4.889852	2.537827	3.502624	1.0473	3.052996	3.328736

0.259683	0.197575	3.683368	2.338436	0.915558	1.412298	0.181671	0.539019	0.213325	0.37722
3.499175	3.39042	5.488262	4.304791	5.127508	4.789372	3.333829	3.080127	3.753413	3.467514
1.400055	3.001655	1.661498	2.828733	1.775439	2.585116	1.88994	0.725412	2.168667	2.697719
3.578787	4.575315	3.096574	3.070535	3.413028	4.813934	3.629223	2.832976	3.967204	3.675569
3.489502	2.225135	3.778726	3.200498	3.849286	2.61278	2.91383	2.556808	2.940536	3.635493
6.81826	6.39094	5.324134	6.204641	5.81532	5.939673	6.10499	4.595846	5.78243	5.184573
2.999916	1.718305	3.184982	3.914358	4.522103	2.499744	1.998199	1.554423	2.940686	1.637778
7.646923	5.706332	7.378747	7.967469	7.870373	7.556517	7.157229	5.663378	7.364653	7.24651
1.188828	2.11854	3.106524	1.526038	2.189849	4.038115	1.159244	2.277459	2.018835	1.432931
2.413304	3.262123	1.387661	2.439952	1.812594	2.798788	1.596553	1.325747	2.340201	1.939707
3.786734	4.402099	2.837413	2.549252	2.532326	3.790019	2.868044	2.347072	3.261998	3.072065
0.237337	0.072671	0.569399	0.510736	0.237337	0.103917	0.164612	0.072671	0.119311	0.103917
8.455213	7.858253	8.424144	7.568648	8.929116	8.408476	8.83365	6.927894	8.64403	8.692554
5.328619	4.076244	4.326215	3.982779	4.398205	4.354675	4.894319	3.438446	4.909983	4.40632
3.198872	3.956563	3.807543	2.441285	3.377542	3.880808	3.137319	2.185809	2.968355	2.604702
0.599312	0.988898	0.386162	0.283506	0.491827	1.030607	0.521992	0.159567	0.397105	0.440019
5.139407	5.274528	4.292526	4.112874	4.145783	4.775527	4.351333	2.439278	4.411936	4.400486
1.999554	2.272127	0.865179	2.092527	3.688298	2.989381	1.979404	1.954844	0.90001	1.070184
2.92094	3.774587	2.165324	2.504024	2.326655	2.705781	2.581738	1.949648	2.617066	2.820126
3.349952	4.143235	2.493079	2.573266	2.50812	3.812417	2.690494	2.801633	3.072489	2.682088
0.08242	0.059361	0.047664	0.035854	0.035854	0.366176	0.310721	0.011882	0.105048	0.093787
0.040664	0.029523	0.073436	0.224284	0.126009	0.051695	0.040664	0.08415	0.062618	0.040664
4.686796	4.335543	2.511171	2.736711	2.871335	2.774474	3.189701	1.553783	4.178254	2.803329
3.999168	1.454555	5.404708	3.647447	4.131502	4.500891	4.822747	0.733414	4.384572	4.64387
4.631572	2.693188	1.886131	2.102889	3.472769	3.409599	1.843274	1.824483	2.600345	2.123281
3.282056	3.870464	2.113311	2.196622	2.267753	3.144573	2.673095	1.327602	3.145967	2.666612
4.109763	4.391207	3.19635	3.242247	3.509829	4.746856	3.724065	1.686341	3.629493	4.022861
7.260898	6.579503	7.091888	6.89918	7.338476	6.692692	7.424539	4.633737	7.373388	7.290015
0.144907	0.303706	0.01857	0.01857	0.168791	0.095807	0.01857	0.01857	0.01857	0.01857
0.498663	0.441062	2.79278	1.882403	1.080291	1.472463	1.144394	0.307934	1.002013	0.584153
3.542934	4.273399	1.757902	2.140137	1.922273	3.761769	1.940765	2.37979	2.872327	2.211024
6.864841	8.267343	6.437687	6.415725	6.760244	7.323366	6.987013	5.13081	6.530132	6.706484
0.048193	0.028997	0.076313	0.410852	0.048193	0.028997	0.028997	-0.00051	0.028997	0.028997
0.793768	0.401156	0.305159	0.161538	0.329776	0.523346	0.241677	0.903676	0.458008	0.254604
4.684022	4.673058	3.29507	3.280497	3.479602	5.071375	3.650813	3.031982	4.08771	3.645722
5.427078	4.882323	6.657199	6.614559	6.372127	5.566607	6.06673	3.52606	5.693622	5.831906
5.519323	5.86495	5.613119	5.470468	4.825835	5.524909	5.80884	4.52973	5.613254	5.597748
5.081379	4.331692	4.478812	3.889828	4.62492	4.478383	4.317383	4.247165	4.577677	4.086244
4.672376	4.714494	3.290242	2.845472	3.553045	4.725111	3.794842	3.258371	3.882552	3.528466
0.270213	1.220814	2.050564	0.774457	1.291911	1.511039	0.867254	1.622653	1.821978	1.035773
3.954871	4.114009	5.412813	4.333698	6.086646	4.731157	3.361337	4.111611	4.92311	3.073782
0.057235	0.004922	0.004922	0.004922	0.004922	0.046974	0.046974	0.004922	0.004922	0.004922
5.329865	6.024608	6.189271	4.893421	6.846675	7.206299	4.873092	5.723319	6.184369	4.221164
4.413962	4.682078	3.880423	3.92278	4.085841	4.272727	4.30618	3.248743	4.417135	4.203116
5.182312	5.068515	4.334084	4.308322	4.616742	5.197916	4.02185	4.30708	4.420709	4.098061
3.196514	3.965246	1.769227	1.984931	1.871408	2.575984	2.0114	1.111191	2.808807	2.615115
4.197913	4.841921	6.14735	4.554511	5.205317	5.307176	5.272238	2.112565	5.170601	5.30358

0.746045	1.883746	2.174948	1.460665	1.308028	2.433964	2.284426	1.339024	2.617729	2.5776
0.467874	0.03684	0.060145	0.159799	0.060145	0.001022	0.290657	0.048549	0.025018	0.001022
4.696862	5.873925	3.601403	3.899381	3.026604	5.688474	4.734391	3.721588	4.449723	4.284907
0.439868	0.323226	0.411121	0.263195	0.382102	0.232732	0.323226	0.232732	0.382102	0.232732
0.290885	0.076739	0.103682	0.143157	0.53703	0.116963	0.116963	0.116963	0.156075	0.194134
6.175106	5.237999	7.589776	6.514042	7.485439	5.734361	6.605771	4.277641	6.702862	6.311113
4.940878	3.863491	3.52979	3.068533	2.981267	4.343999	3.666665	3.844531	4.260318	3.669447
2.973624	2.531375	1.895004	1.634608	1.767539	1.968311	2.52977	1.422072	2.349159	2.965987
2.497606	1.590884	1.220838	1.304897	0.8535	0.826745	0.862299	0.862299	0.743052	1.193854
6.425757	6.273217	7.262758	6.83669	6.851227	6.793203	6.388687	4.455804	6.442358	6.516736
0.036611	0.036611	0.000439	0.000439	0.124027	0.000439	0.000439	0.223686	0.000439	0.000439
1.517547	1.330033	2.324657	2.010145	1.949009	1.731415	0.82375	0.791312	1.110508	1.319639
3.019054	2.697926	2.534729	3.097076	2.527052	3.960231	2.799518	1.483765	2.743137	2.569154
6.10987	6.032369	6.193596	6.043121	7.235551	5.738279	5.98706	3.319287	5.959815	5.714547
0.743941	0.973328	0.386663	0.126895	0.139316	0.577327	0.234696	0.603697	0.407015	0.114356
0.217256	2.078538	0.114963	0.18406	0.066732	0.446613	0.18406	0.091075	0.16144	0.126742
5.114133	5.298414	3.930906	4.146563	4.027857	4.707426	4.937592	3.270678	4.740461	5.028274
6.353037	5.133202	4.645512	4.99071	4.954479	5.539324	5.417167	2.830413	5.556072	5.008229
0.070877	0.462433	0.010393	0.059014	0.183653	0.33564	0.010393	0.010393	0.070877	0.034942
9.129311	9.872018	10.32713	10.89465	9.869303	9.813959	10.67605	6.206111	10.14453	10.2909
4.653023	5.095739	4.584647	4.603487	4.64932	5.412055	4.966951	3.408016	4.880646	4.906266
1.432792	0.91597	0.322617	0.575705	2.246988	0.486117	2.420732	1.692795	1.969393	0.5366
5.434283	5.766033	9.693715	7.81423	8.685185	7.625797	7.715454	3.710141	7.418601	7.010925
3.92911	4.05649	3.373666	3.006161	3.288341	4.209049	3.884197	2.898567	4.28926	4.005129
3.605802	4.392766	2.640369	3.256877	3.254797	3.906773	2.789038	2.247699	3.476276	2.970987
1.166106	1.468305	1.199364	1.251427	1.341725	1.773453	0.61949	0.858134	1.461809	1.170316
0.022485	0.302444	-0.0264	-0.0264	-0.00994	0.038463	0.022485	-0.0264	0.022485	0.054288
0.916631	0.366806	0.805928	0.163374	0.676692	0.293745	0.390382	0.330725	0.686306	0.617667
5.198255	5.741008	4.290173	4.615323	4.992783	5.70802	4.648366	2.596113	4.816253	4.364964
3.557934	3.303157	2.320725	1.204687	2.199259	6.03415	1.846604	6.481963	3.3783	2.531191
1.333871	2.108546	3.78104	3.71384	2.782685	3.533941	2.17503	0.444941	3.316444	2.449118
5.346636	3.173168	5.887246	5.231454	4.148646	5.055938	4.926365	4.379957	4.902061	5.567102
0.839893	0.79844	0.755741	0.790002	3.278414	0.580676	0.927048	0.414442	1.394409	0.33512
5.235164	4.589364	5.012068	4.43261	4.005255	4.178251	4.563108	4.689009	5.124244	5.257053
0.727305	1.388565	2.665775	2.895339	2.657726	1.004178	2.602758	0.059028	2.011702	2.702695
3.040735	3.329159	3.657705	3.851695	3.616075	3.633666	3.560549	1.707243	3.549929	3.59741
1.103651	4.220213	0.904761	1.059423	0.965783	2.338781	1.343528	1.054408	1.546871	1.074347
0.443188	0.468718	0.316263	0.381409	0.287219	0.335241	0.633619	0.581139	1.796168	0.947865
5.023318	4.031792	5.806383	4.823592	4.93896	4.700385	5.620175	2.753692	5.597256	4.981735
6.073075	5.841821	5.486213	4.779567	5.509893	5.464917	4.977035	3.725849	5.329436	5.09684
0.640935	0.494696	0.919528	1.507068	1.026312	0.414835	0.5515	0.394071	0.596994	0.772242
4.263665	4.13671	5.799567	3.142742	5.664092	5.357724	4.629926	6.125682	5.972146	3.504676
7.838936	5.958472	6.589207	6.519958	6.913774	6.25812	6.814747	5.204179	7.616808	6.861702
0.070747	-0.01587	0.249152	0.174139	0.034341	0.117733	0.545191	-0.01587	0.536904	0.423999
3.227191	3.020434	2.850541	2.645139	2.734215	2.765721	2.776687	2.163636	2.352398	2.414745
2.191807	1.384711	1.953166	1.875761	2.840351	2.022583	2.204988	2.178494	1.738986	1.230907
2.576499	2.282965	2.774449	2.122767	2.724405	2.629912	1.810567	2.035087	2.37008	1.671684

4.566487	2.780629	3.252972	3.230705	4.137878	3.034244	2.967966	2.20227	3.994713	3.639758
2.588548	1.260875	2.159904	3.477458	3.346215	1.40633	1.735197	0.649269	3.562955	1.855802
4.266547	1.871116	2.316301	1.405431	2.869113	1.977931	2.554002	1.689572	3.007816	2.006919
4.099862	4.701054	2.770862	3.291112	2.935393	4.335588	3.078224	2.026968	3.063937	3.059819
9.166904	8.916476	10.23208	9.862133	9.991986	9.637142	9.902636	6.430661	9.309385	9.883463
5.459168	4.279018	3.948752	4.389041	4.761117	4.298091	4.955698	3.161685	4.960427	4.287449
4.865006	2.833871	2.310986	3.150853	3.769999	2.772732	1.893021	2.605293	2.72119	2.081424
9.859885	6.387896	7.269489	6.454508	7.438213	6.990783	7.020568	5.001455	8.118573	8.091683
3.592352	4.42688	4.24403	4.370013	3.976917	4.981361	4.216621	2.487861	4.960151	5.190421
4.0356	4.3474	2.188386	2.304552	2.347467	3.455184	2.846411	1.69268	3.163881	2.664938
1.31519	1.474269	0.939782	0.851153	0.595579	1.764672	1.504024	1.025648	1.54957	1.604565
3.386821	3.227499	2.310951	2.310951	2.173022	2.99124	2.56511	1.369328	2.695849	2.726168
4.257021	3.464146	4.037854	3.738255	3.681162	4.179374	3.782012	2.324327	4.035123	3.984904
3.453493	4.105932	2.490531	2.68489	2.562337	3.800938	2.899634	1.905736	3.006936	2.975133
2.490748	2.00948	2.268461	0.685662	1.02851	1.052995	1.247743	1.401115	1.731187	1.63245
3.860933	3.927503	2.024568	2.571646	3.007704	3.030637	2.655117	1.965523	3.041939	2.723308
1.900373	2.380453	1.26793	1.177835	1.243647	2.527734	1.675191	1.140663	1.567916	1.534667
3.981695	3.460767	2.144193	2.186111	2.115412	2.628904	2.070902	2.642124	2.082934	2.301243
4.589987	2.52862	5.587962	5.365161	5.322766	4.702254	3.504616	2.569185	3.150512	3.064222
3.966508	4.046319	5.579891	5.134155	5.031463	4.195754	4.80246	3.028215	4.587989	4.502681
0.918691	3.773881	1.142368	0.76351	0.445417	2.529749	0.890515	1.548316	1.118655	1.012791
4.907416	4.9298	4.797704	4.602739	4.531201	4.926553	5.167164	2.820907	4.845941	4.768141
2.096662	2.304308	4.047011	3.061857	3.025354	5.570806	1.781069	0.946198	2.016834	2.160419
4.839225	5.007177	4.383966	4.415677	4.459668	4.881679	4.493524	2.55804	4.738213	4.517231
5.101329	5.087974	4.744756	4.8711	4.710658	5.187804	4.579242	4.816222	4.463774	4.571628
6.022478	4.316721	3.590099	3.559062	3.776316	4.13041	4.02898	4.154726	4.199917	3.887897
5.097367	4.5844	4.681432	4.048262	4.607411	4.491388	3.915925	4.424535	4.551922	4.188275
4.823814	5.186749	6.874295	6.709142	6.043641	5.605907	6.042545	4.567033	5.952288	5.803203
7.008897	5.505776	7.184016	6.716936	7.125142	5.725954	6.057047	5.873904	6.922625	7.218059
6.004432	5.752393	3.819868	3.693682	2.686947	5.452716	5.966372	6.272501	5.440616	3.808575
3.613015	3.866947	3.201102	3.328948	3.421927	3.724249	3.014177	1.628621	3.450379	3.025168
6.453292	4.17539	7.603012	5.726962	5.015032	7.207099	5.910563	5.391996	6.854487	6.359833
3.247126	3.728189	1.705303	1.662241	1.521888	3.136937	1.829395	1.093225	1.999839	1.96336
2.692471	3.229545	2.435161	2.867611	2.427344	3.260461	2.698688	1.736101	2.965168	2.878277
2.084357	1.606188	3.31181	2.322275	2.388406	3.107297	2.444062	1.595506	2.164627	2.69322
1.773379	1.867375	4.99531	4.931804	4.247238	1.862359	3.2622	1.75874	2.789721	3.384273
0.15341	0.591909	0.15341	0.219618	0.103625	0.030022	0.191717	0.255779	0.08308	0.019104
5.294346	6.094268	4.871821	4.536976	4.5856	6.160957	5.251083	3.77639	5.175012	5.279337
5.220903	4.719457	4.207996	3.81327	4.711263	4.986971	4.25836	2.417705	5.051267	4.035077
5.963477	5.481791	4.956293	4.663714	4.960869	5.637423	5.179551	3.767525	5.373307	5.211889
0.025785	-0.02254	0.94282	0.379095	1.042316	0.379095	0.526115	-0.02254	0.461426	0.244935
2.396111	0.446434	2.497244	2.776702	3.278729	3.086459	3.15473	-0.08479	3.204113	2.477459
3.395514	3.77928	4.394283	4.701444	3.83501	4.206611	4.082829	2.155592	3.939929	4.167407
4.628405	3.580961	5.082101	4.655631	5.556764	6.132157	2.961274	4.14496	3.724104	3.257499
1.828012	1.383421	2.319145	1.942771	1.536859	2.583889	2.488088	0.535479	1.889153	1.942771
4.035421	4.234067	2.697496	2.618338	2.167633	3.417644	2.139543	2.900195	3.204097	2.671799
7.422704	7.139695	6.039427	6.001915	6.237649	7.296395	6.492995	4.664095	7.174462	6.566744

3.366091	3.520247	2.103866	2.09101	2.186041	3.811615	2.124975	1.797485	2.330944	2.53761
0.253854	0.701657	0.513111	0.859984	0.641187	0.5784	0.388605	0.499735	0.974469	1.004352
4.986911	4.81391	4.270611	4.189833	4.245233	5.224805	4.310747	3.715002	4.167633	4.266749
4.77453	3.402402	2.765477	2.894949	3.136426	3.224884	3.029745	2.148907	3.378857	3.039563
5.239657	1.143839	0.60394	0.907897	0.367214	1.780051	3.048716	0.344558	0.721625	0.668561
1.953968	2.983639	2.009158	2.143992	2.384426	2.847849	1.844487	0.949607	2.087368	1.754281
0.043073	0.125767	0.028819	0.014424	0.085011	0.057188	0.085011	0.014424	0.561925	0.028819
5.787123	6.11898	5.070116	5.546304	5.565728	6.045062	5.383047	4.137606	5.204301	5.457053
3.920953	4.018222	6.678019	5.898092	6.841339	4.627704	3.992028	3.72222	3.65527	4.848402
6.424474	5.954384	6.036451	5.884897	6.111914	6.368388	6.094851	4.773578	6.388617	6.432553
5.094794	4.990503	6.074124	4.899181	5.861933	5.261822	5.469902	4.370056	6.172428	5.736736
3.30215	3.744016	4.178591	4.655311	4.241873	3.714693	3.669234	3.36047	3.258285	3.702675
3.532431	4.171363	2.411451	2.142776	2.638469	3.851582	2.533965	3.361391	3.020628	2.778018
3.995671	3.393302	3.220585	3.530025	3.079066	4.205401	3.796043	3.679465	3.456237	3.505888
1.253326	0.099932	0.480541	0.375764	3.270346	0.667425	0.194822	0.261642	1.518881	0.304327
0.975707	-0.07981	0.287031	0.132058	0.075394	-0.12499	1.436859	-0.12499	0.085033	0.113478
1.117695	4.959261	1.544232	0.721227	0.765544	3.718965	1.258838	2.267913	1.588141	0.618403
0.801705	1.677647	2.816439	3.255311	3.996182	2.702533	0.55049	1.28926	0.782224	0.12966
5.949219	5.901251	7.80512	6.926818	6.988251	6.694818	7.053658	5.0415	7.311592	7.025354
3.27589	3.616963	3.784314	3.400857	3.744767	3.700763	3.699786	2.874169	3.648719	3.411812
5.191809	4.044327	3.692906	3.05256	3.833433	4.484453	3.825861	3.930942	4.555466	4.396714
4.335744	4.269877	3.144739	3.044564	3.2932	4.944728	3.240376	3.093411	3.465048	3.332834
4.009882	5.192143	3.424686	3.634332	3.06505	4.42404	3.779032	1.822079	3.503035	3.594605
3.441628	4.545249	2.179018	2.175868	2.38769	2.519794	2.344154	3.109762	3.192529	2.360654
5.653942	3.551091	4.017432	5.215829	4.044655	4.268632	4.983236	2.336863	5.815285	5.618497
4.238406	4.367314	3.334199	2.706555	3.64442	4.190434	3.664866	2.738201	5.298348	4.38844
2.809032	3.268034	1.949191	1.86928	2.083551	3.762438	2.349362	1.7438	2.562585	2.281382

CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15
0.420073	1.413657	0.847126	0.587525	1.157481	1.127065	0.549988	0.114295	1.771792	0.440909
1.050254	1.888125	1.378824	1.904529	1.19748	1.999213	1.425075	1.163767	2.018178	1.300342
5.508914	5.735115	5.957058	4.686365	5.688716	5.83201	5.534148	3.687038	5.59448	5.59837
1.661009	4.321307	5.165204	5.67877	4.966963	2.968354	3.280599	3.508987	2.323027	4.313124
1.150723	1.773814	0.948117	0.323671	1.602562	1.038906	0.726025	1.393743	2.34437	0.445485
7.639238	7.117677	7.310407	7.517514	6.935136	7.301269	7.440036	7.044813	7.06129	7.073484
5.318515	5.95922	6.21116	5.513381	6.334221	5.833577	6.016412	5.497798	5.768947	7.169698
1.487206	1.339551	1.197779	1.21925	0.721654	0.865325	0.482262	0.362659	0.476867	0.313231
0.164415	0.009871	0.153175	0.261317	0.095425	0.059466	0.059466	0.009871	0.009871	0.071566
5.559556	5.528398	5.883807	5.14867	5.677189	5.797539	5.660869	4.585751	5.641839	5.231895
5.559634	4.494643	4.857854	4.539351	4.346122	5.45194	5.048885	4.819233	4.701551	5.448559
3.201884	3.424191	3.009439	2.475403	3.657281	3.043659	2.540474	2.052967	3.550925	2.320259
1.616771	1.874493	2.490242	2.457849	2.570456	2.571945	2.3072	2.863795	2.045989	3.06505
2.408174	3.841251	3.701966	3.725404	3.904099	3.121267	3.359543	2.347084	2.047314	4.67708
5.307668	6.206806	5.287277	3.796594	6.39667	5.486944	4.768299	4.310202	6.877241	4.071401
3.636436	3.758342	4.238063	1.880835	4.019695	3.564738	3.751439	1.721667	3.754896	3.418237
1.481715	2.532713	0.936776	0.403777	1.778826	1.440065	0.511316	0.545063	2.005875	1.215408
8.454719	8.389106	8.744031	9.679639	8.354257	8.388555	8.70405	9.605663	8.372976	8.805057
6.442814	5.728272	4.523474	3.780127	6.180101	4.507618	4.446643	4.128489	6.163949	3.514191
4.178851	4.252968	3.844602	2.052139	4.671907	4.080549	3.262451	2.523748	4.844401	3.123076
3.354391	3.60986	3.164937	2.404719	3.599044	3.385518	2.882902	3.012458	3.602146	2.933438
3.582149	3.846712	2.974555	2.223023	3.433806	3.457804	2.778613	2.172513	4.818638	2.505374
2.767937	3.241183	3.248985	2.667453	3.439961	2.846413	3.164553	2.251523	3.503435	2.711458
1.561975	0.318312	1.095525	1.026904	0.232955	0.157856	0.791048	1.197834	0.000365	1.71137
3.396585	3.615941	3.580725	3.469101	3.876	3.48135	3.805595	3.360476	3.510916	3.365065
3.071654	3.746556	2.98904	1.873917	4.063931	2.855414	2.971411	1.9876	4.063931	3.332758
0.949956	1.40525	0.404804	1.07388	0.423463	1.314825	1.629477	2.560311	0.912277	0.826707
5.925247	5.432055	4.703293	4.298179	4.587562	5.272067	4.495656	4.869405	5.694929	4.776519
4.083903	3.616529	2.903453	2.436039	3.110103	2.717373	1.74916	1.804047	2.722955	1.913241
4.942063	4.392812	4.450492	3.917858	4.225939	4.273087	4.759008	3.874528	4.831684	4.591429
2.01363	2.795367	1.418863	2.223568	2.992608	2.64133	2.414281	3.123358	3.448814	3.411903
4.403876	5.392418	5.103373	3.194913	5.311572	5.319065	4.19405	3.189108	5.210342	4.968048
4.816587	5.2449	5.279617	5.01141	5.517323	5.378348	4.915808	4.599787	5.925657	4.055192
3.389872	2.85271	3.063293	3.106438	2.760553	2.821433	2.92213	3.686475	2.628928	3.794274
1.311383	2.81166	3.084376	4.263454	2.599935	2.094082	2.275289	3.783824	2.007117	2.260599
2.146331	2.729345	2.022678	2.180896	3.071034	2.375525	2.064393	1.958748	3.389905	1.607306
5.607631	5.131396	5.795029	6.044206	5.209934	5.429178	5.982688	6.002626	5.197935	5.670086
3.997879	4.227021	4.137496	4.027033	3.938107	4.130667	4.044043	3.664662	3.751579	5.242918
4.617719	5.44896	4.582357	5.002709	5.156474	4.407069	4.830746	4.933077	5.460955	4.207202
0.093216	0.107686	0.018737	0.585934	0.063859	0.063859	0.122019	0.018737	0.107686	0.048966
1.710229	0.110064	0.686313	0.850811	0.45657	0.666556	1.365439	0.42448	0.399834	3.896813
3.418758	2.868253	2.899837	3.738061	2.20278	2.620156	2.524108	2.915337	1.862507	2.792743
2.273291	3.022331	2.277135	4.819252	2.885306	2.44828	3.330567	4.754963	4.071535	3.145048
0.303891	2.091214	1.784512	0.448633	2.110628	0.947202	0.599274	0.628562	1.885411	1.099498
1.107114	1.009606	1.441206	1.871628	0.754845	0.351945	0.98804	0.79377	0.195203	1.928059

9.278752	10.59823	10.40873	10.92445	11.08162	10.71176	11.07408	10.52449	10.4986	12.66534
5.013348	5.973844	6.367212	3.690779	6.22565	5.676197	4.677549	2.067853	5.937773	4.910709
3.238485	4.219754	4.961143	5.082927	3.96266	3.81754	4.781279	4.80901	3.529955	4.259834
2.631139	1.244941	1.503685	0.656996	1.047993	1.218243	0.853281	2.278343	0.945014	0.787775
0.179723	1.256041	0.641698	0.530363	0.774942	0.459307	0.397371	0.164996	0.652385	0.984778
1.259792	1.026756	0.823572	0.291301	0.434667	0.993279	1.292618	0.275059	0.586352	0.686353
2.219669	2.64779	2.116003	1.485044	2.646181	2.526972	1.848511	1.29566	2.769221	1.541332
4.258956	4.681124	4.912869	4.198388	4.926814	4.514742	4.88643	3.721125	4.472653	4.956685
3.932654	4.501758	4.649941	3.162314	4.807751	4.539825	4.557552	2.587723	4.463247	4.408553
0.145118	0.502597	0.029448	0.029448	0.172696	0.088396	0.145118	0.029448	0.697795	0.186298
2.031139	0.603384	2.066999	1.109459	0.227303	0.766076	0.675798	1.366853	0.559056	4.348912
6.967235	6.7708	7.53218	9.559594	7.413257	8.127356	8.28893	9.315193	7.503344	7.857038
8.905488	8.831745	8.910631	8.909574	9.415184	8.941093	8.900934	8.212403	8.945066	8.449334
4.754272	4.444873	4.577028	4.328616	3.550839	4.157826	4.861812	4.554673	3.976698	4.142255
2.176121	2.244122	1.507509	0.662132	2.089175	2.244122	1.143671	0.746278	2.372093	2.343167
6.652081	4.778764	5.796792	7.506779	4.880714	5.167612	6.542826	7.474979	4.707177	6.583668
1.418132	1.734834	2.833665	3.120756	0.853015	2.04106	1.208488	1.41073	1.016822	2.50698
4.691184	3.627502	3.254745	2.344469	3.913405	3.268218	2.985942	2.432737	3.94298	3.271863
1.574157	0.986468	1.410801	0.788538	0.889925	0.461195	0.424869	0.990159	0.287374	0.105845
9.136801	8.630929	9.303918	12.46602	7.613632	9.023699	9.011673	12.70156	7.556275	10.44317
3.579249	4.271628	2.519186	2.321525	3.682191	3.157158	2.459668	2.116574	4.151527	2.448662
3.943906	4.072778	3.96274	3.70289	4.473869	4.125955	3.689394	4.004304	4.560945	3.815939
1.786689	0.903509	0.772254	1.833472	0.406218	1.008353	1.062824	2.227743	0.736729	1.378524
5.101253	5.633186	5.286877	3.974421	5.943724	5.537382	5.300657	3.448031	5.515833	5.131525
3.832822	3.89326	3.735226	3.322907	3.981706	3.401557	3.147911	2.136072	3.726469	2.724089
1.00366	3.085941	1.557214	2.262097	3.022876	2.124902	2.680434	4.160536	3.891796	3.723632
3.578189	2.910426	3.05994	2.114607	2.686777	2.925127	3.426014	2.360991	2.613942	3.127208
4.472534	4.663375	5.219506	4.482618	4.485258	4.173349	4.283721	3.656276	3.656276	4.207973
4.617766	4.981421	5.961122	5.036521	4.415919	4.19369	5.624673	4.339058	2.819624	6.050078
1.221331	4.603741	2.026331	2.181328	5.714867	4.316203	4.767446	1.137061	2.083584	4.71406
5.225527	3.108998	2.979115	4.761824	2.309396	3.016834	3.932977	4.578779	2.813024	3.981159
2.611687	4.600692	2.763621	2.407063	3.519915	2.655042	1.699683	1.234656	3.732862	2.962035
3.074535	3.053437	2.172086	2.680854	3.198372	2.63136	2.417567	3.346688	3.465625	1.945299
4.029614	3.594383	3.574907	1.996865	3.942072	3.463108	2.744555	1.573123	3.874508	2.676024
2.047771	1.936636	2.659693	0.764514	2.685907	1.989242	1.886851	0.992752	1.660881	2.437275
4.300152	3.987168	4.154736	3.69497	3.103518	4.173294	5.112614	3.699869	3.979979	4.816001
7.560968	7.263449	8.019358	8.525243	7.380772	7.749976	8.501592	8.391576	6.90022	8.583877
1.935058	1.52344	0.9239	0.767377	1.049588	0.97431	0.672006	0.578411	1.429488	0.508399
5.470396	4.912942	5.770254	6.351908	5.315161	5.279352	6.470225	6.197201	5.007147	5.692804
0.267433	1.684114	0.288207	1.715652	0.111977	0.766286	1.265569	2.218301	0.224869	0.977191
3.977716	4.082385	3.174778	2.779555	4.003018	3.515822	3.110068	2.780982	4.255623	2.612171
4.922082	3.776966	2.815841	2.49638	1.637899	4.174594	2.447906	2.713123	3.594302	4.353387
2.567355	3.367825	1.994993	1.483036	2.11508	1.76141	1.847898	2.419526	2.765943	2.179623
3.34602	3.184743	3.089912	3.396078	3.054248	3.083318	3.54732	3.529821	2.929876	4.170688
5.792652	4.508549	4.952656	3.129836	5.641087	4.257367	4.224715	2.811179	4.736435	6.376262
0.232065	0.495169	0.232065	0.051625	0.505112	0.302702	0.553778	0.051625	0.423482	0.876288
3.218063	2.653356	3.153634	5.431812	3.000277	3.690927	4.350265	5.241391	3.033364	4.521895

0.513143	0.405327	0.244376	0.289871	0.905338	0.197575	0.884703	2.571993	2.658188	2.689371
3.429552	3.860767	5.27761	3.11585	4.490403	4.653919	4.145119	4.034612	4.213048	5.687945
2.563561	2.424361	2.149694	2.752479	0.533583	2.707676	2.768454	1.490488	2.38092	1.6774
4.777013	4.078744	3.65817	3.470539	3.118872	3.752773	3.805808	3.393457	3.79781	3.494847
3.091956	3.095105	2.763804	2.094082	3.315669	3.278653	3.058321	1.568296	2.89216	3.632184
5.941953	6.632619	5.241762	4.361107	6.832519	6.278222	6.457321	3.903174	7.557347	5.619721
4.17506	3.5716	2.784989	0.724195	1.767258	3.352595	2.314748	0.443101	3.426505	4.784346
6.466913	7.205111	7.676354	7.406595	8.332733	7.424603	6.716674	6.575932	7.693979	5.675208
2.517368	3.407303	2.888795	1.79246	2.848067	2.254848	2.373369	0.615052	1.953114	3.642839
2.930324	2.839279	1.911367	2.599229	2.217955	2.507939	2.047939	2.172295	3.127647	1.780634
2.821772	3.993164	3.405608	1.620607	4.055073	3.327031	2.943457	1.651309	4.269406	2.962111
0.320402	0.149655	0.149655	0.072671	0.237337	0.194105	0.237337	1.118302	0.62596	0.164612
8.145008	8.458584	8.784131	8.35645	8.616353	8.527967	8.58918	8.474766	8.330988	8.360155
4.585849	4.714941	4.812872	3.680627	5.150128	4.604154	4.46366	3.826933	4.706827	3.959352
2.540995	3.433991	3.032527	2.128282	3.227193	3.167083	2.648259	2.29904	3.237812	3.060342
1.330503	1.135966	0.839854	0.878671	0.654552	1.471296	0.283506	0.093095	0.690172	0.886304
3.261396	4.736101	4.487499	2.843286	5.554386	4.450452	4.43802	2.560182	5.17637	3.943561
2.258824	2.80069	1.282891	1.353615	1.712585	1.347327	1.249555	0.260443	1.856607	2.265491
2.796054	3.160766	2.687013	1.872432	3.222275	2.433915	2.59808	2.156333	3.197777	2.578738
2.927522	3.392708	3.062246	2.915759	3.501809	2.993904	2.549606	1.584885	3.688589	2.737568
0.170499	0.252603	0.181072	0.696228	0.410524	0.329489	0.181072	0.401783	0.149073	0.252603
0.051695	0.094762	0.029523	1.797372	0.029523	0.029523	0.233653	1.790426	0.094762	0.555747
1.195212	5.583947	3.787981	1.429534	5.0392	4.310846	3.022897	0.97737	3.978803	2.821335
4.10264	3.865074	5.231303	3.183641	4.521988	3.967394	4.505646	3.88699	4.308733	3.322741
1.213384	3.393831	2.635476	1.927676	5.18245	3.363762	2.113123	1.766498	5.801169	2.333757
3.025179	3.200346	2.856996	1.492879	3.532472	2.911971	2.552434	1.652958	3.710428	2.369263
3.361768	4.183702	4.324012	2.588773	4.538699	4.06004	3.804346	1.679098	4.188565	3.265194
6.672403	7.059496	7.172376	7.606417	7.175742	7.309616	7.370967	7.201278	6.967615	6.809865
0.095807	0.180573	0.070559	1.825975	0.044819	0.01857	0.203829	2.451939	0.01857	0.43586
2.455303	1.310729	1.592382	1.58225	1.012736	1.254765	0.929981	0.071668	0.62844	3.521756
2.597944	3.61152	2.137977	1.709911	3.658143	3.292028	2.131468	2.981974	4.043199	1.943381
7.180451	7.024985	7.069096	5.875215	6.914106	7.295661	7.184431	5.036698	6.917156	6.695156
0.094629	0.15621	-0.00051	0.139	0.057655	0.121487	0.094629	0.47486	0.057655	0.103662
0.241677	0.401156	1.121863	0.175214	0.565287	0.353972	0.175214	0.161538	1.592121	0.491054
4.146781	4.569105	3.789357	2.941068	5.014138	4.219302	3.694295	2.779617	4.853779	3.631587
5.251921	5.687315	5.835804	6.171535	5.356306	5.774942	6.117412	5.660869	5.079257	6.331157
5.138376	5.175174	5.515484	5.85152	5.235813	5.105055	5.663376	6.08693	5.319811	4.921902
3.712579	4.712361	4.574139	4.275377	5.062307	4.518018	4.048262	4.002344	4.552674	4.335606
4.545911	4.436271	4.205434	2.206817	4.828509	4.145884	3.452201	1.841017	4.767527	3.821526
1.820273	0.587949	0.834405	1.540017	0.41943	1.595789	0.960317	2.164989	0.996892	1.749788
4.342756	5.749093	4.913486	3.136656	4.390015	4.853507	3.242161	4.704169	5.542057	6.913405
0.015591	0.004922	0.036615	0.365686	0.004922	0.004922	0.057235	1.045787	0.004922	0.057235
6.19588	6.578091	5.792825	3.074249	5.432884	5.657199	3.994113	2.857527	6.030735	6.854002
4.089186	4.482456	4.49325	3.142914	4.324081	4.192843	4.246303	2.488385	4.63922	3.90003
5.056368	5.453494	4.447709	3.866767	5.555296	4.483018	4.264584	3.482731	5.150674	4.686234
3.218299	3.803095	2.502654	0.845742	2.778562	2.907562	2.019405	1.769227	4.264742	2.007374
5.400987	4.699192	5.199918	5.145746	4.817806	4.907758	6.036229	4.832686	4.173512	6.043845

2.87891	1.53724	2.596865	1.86357	1.677891	2.109514	2.883505	1.983208	1.955119	2.259787
0.048549	0.346595	0.578111	0.922948	0.309591	0.060145	0.251877	0.713288	0.025018	0.241985
3.294168	3.633816	4.217376	3.007092	5.20124	3.971591	4.301623	2.698158	4.741681	3.885341
0.468347	0.293357	0.439868	0.232732	0.232732	0.232732	0.323226	0.232732	0.232732	0.382102
0.021264	0.677189	0.090275	0.021264	0.194134	0.218949	0.302527	0.076739	0.168875	0.076739
5.813936	6.202824	6.206345	6.29936	6.502157	6.502022	5.979598	5.12718	5.665089	6.495294
3.288991	4.678729	4.065074	2.417296	4.929384	4.233874	3.622169	2.874068	5.33149	2.766075
2.921331	2.805157	2.745626	1.227997	2.576955	1.96304	2.413192	1.434747	2.563004	2.232329
1.580765	1.418831	1.207415	0.380538	1.673887	1.138167	1.692679	0.790204	3.497431	2.085018
7.550248	7.490238	7.162452	6.847676	6.806205	6.870164	7.023815	6.956315	6.923313	7.667603
0.089561	0.207449	0.054432	0.106875	0.000439	0.23978	0.000439	0.000439	0.000439	0.072081
1.753185	2.237957	1.429152	1.629393	2.104212	1.673851	1.818421	1.596955	2.388809	2.250523
2.96501	2.921314	2.499189	3.430577	3.102954	2.798658	2.591173	3.044766	3.176033	2.513766
5.74152	6.599575	6.138056	7.206148	5.702739	6.079105	6.295363	6.955752	6.110751	6.676953
0.257504	0.577327	0.246149	0.223143	0.663256	0.290995	0.199729	0.088916	0.344996	0.728193
0.464741	0.228133	0.400136	0.576689	0.311965	0.260218	0.260218	0.016609	0.114963	0.054384
4.855503	4.495793	4.972557	3.221553	5.099838	4.622675	4.591352	1.773039	5.361481	4.332612
5.458418	5.892753	5.983618	4.28298	6.089552	5.533924	4.804152	3.914302	5.540221	4.705343
0.034942	0.236413	0.022728	0.631193	0.022728	0.226039	0.205027	1.52383	0.070877	0.267024
9.191138	9.295873	10.19362	11.01592	9.430928	10.33218	10.60733	11.77989	9.396467	10.08932
4.759001	4.644928	4.932817	4.802406	4.827153	5.02947	4.745251	4.684136	4.917281	4.622339
0.345562	1.832136	3.410707	0.789688	0.686816	3.269999	0.604328	0.982259	1.986943	2.63981
7.096198	6.834935	7.005372	9.095596	6.322499	6.284123	7.539376	8.511837	4.931659	9.434938
4.719173	3.608065	3.891915	1.901349	3.692015	4.248647	3.372701	2.160833	4.030862	3.583823
3.993527	3.95758	3.248534	2.736688	2.970987	3.827968	2.906987	2.131348	3.909627	2.848099
1.293701	2.371711	1.127496	1.664249	1.060099	1.012853	1.380842	1.783329	1.471538	2.804452
0.315943	0.022485	0.100874	0.233241	-0.00994	0.644123	-0.00994	0.860805	0.054288	0.022485
0.779166	0.587251	0.627669	0.875023	0.26857	0.875023	0.203701	0.079279	0.3185	1.790568
5.407464	5.72052	4.968809	3.815403	5.258955	5.795713	4.555431	3.483148	5.668974	4.593321
6.408818	4.459926	3.406409	1.921618	3.187274	3.022743	2.373777	1.817701	3.791276	6.126023
1.767341	2.983701	1.868704	4.628789	1.607452	2.055647	3.950696	4.918764	1.201488	4.173346
5.301268	5.648011	4.928035	5.258741	5.409202	4.274056	4.585886	5.805617	5.869007	4.126969
0.18791	0.619366	3.321852	0.979852	0.380987	1.432616	1.279223	2.675975	2.6647	2.748227
5.867303	6.064727	5.027342	3.61308	5.996475	5.107092	5.08657	2.124435	5.164441	4.38879
2.470017	0.523935	1.358968	2.399945	0.301866	1.176773	3.040597	2.457917	0.491142	3.690334
3.455786	3.140377	3.588323	3.550719	2.932075	3.309661	3.683246	3.182064	3.272617	3.841163
1.793793	0.766229	1.726604	1.915432	1.849663	1.556855	1.860019	1.315519	1.295107	1.431229
0.640931	0.860129	0.417101	1.346923	0.257451	1.94467	0.32579	0.42586	0.277379	0.738871
3.695672	4.410559	5.321475	4.648244	5.208602	5.058748	5.088787	3.791742	4.629081	3.806709
4.60471	6.370587	5.406659	4.751852	6.709457	5.519992	5.516637	4.009371	5.71554	5.88258
0.394071	0.649546	0.61475	1.628963	0.869872	0.455385	0.810673	1.401451	0.960617	0.795438
4.40894	4.900699	4.965688	2.613436	4.346084	4.538701	3.036927	2.691129	5.355239	5.953783
6.319545	7.848481	6.902483	6.365301	7.561215	7.314039	6.891422	6.492919	7.513791	5.874235
0.785466	0.129215	0.536904	0.494649	0.163055	0.585836	0.729491	-0.01587	0.290123	0.046592
2.230757	2.792447	2.750588	3.369239	3.426263	2.702843	3.033871	3.291212	3.446977	2.726974
1.04154	1.937238	1.612399	1.780157	2.963038	2.088575	1.904803	1.780157	2.906017	3.102511
2.73992	2.767623	2.479483	2.030022	2.503631	2.56682	2.055134	1.253635	2.523949	3.394538

3.447633	4.412391	3.584084	2.683179	5.059811	3.861629	3.201778	2.450576	4.386775	2.391976
0.300417	3.592122	2.355153	2.979679	3.180161	2.278983	3.195354	1.216175	3.210374	2.576504
1.7778	3.983969	2.803013	2.155845	3.676863	3.37015	2.197833	1.794756	3.202394	2.525329
3.991872	4.042219	3.098314	2.592815	3.917775	3.786724	3.14887	3.041097	4.414117	2.823406
8.552063	9.389784	9.706384	10.53859	9.72096	9.686869	10.36094	9.808448	8.945823	10.22033
4.506797	4.303376	4.839839	3.957902	4.870826	5.14683	4.325019	4.032433	4.901915	3.835222
2.041709	4.225389	2.418728	2.946005	3.994806	4.030182	2.816676	2.148309	5.475784	3.071538
6.33758	8.477059	7.847788	8.19363	9.288988	8.350937	7.45848	7.56701	8.169009	7.157149
3.438591	4.436444	4.471068	3.384338	4.413839	4.507056	4.881829	2.658316	4.324776	3.562743
3.486793	4.011977	2.945303	1.017413	3.726523	3.300087	2.604555	1.77228	4.48652	1.926243
1.864654	0.837897	1.169926	1.862881	0.967826	1.122729	1.40961	2.410965	0.644214	1.461634
2.994564	3.110726	2.933107	1.577113	3.464223	2.843304	2.348153	1.667528	3.232815	1.927652
3.569227	4.019686	3.974196	3.052229	4.419466	3.988065	3.861158	2.858398	4.176298	3.752572
3.082267	3.617508	3.113221	1.766477	3.521127	3.164623	2.78427	1.940565	3.797995	2.704515
1.909496	1.998786	1.355323	0.718425	2.186853	1.378444	1.771064	1.052995	1.227067	1.46234
3.327078	3.504575	2.879422	2.407296	3.990526	3.593686	2.737943	2.154504	3.647699	2.70351
1.822764	1.796586	1.359944	1.732918	2.12423	2.042983	1.203624	1.28697	2.183451	1.496482
2.95887	3.636236	2.455557	3.126853	3.805073	3.051821	3.006939	1.940082	3.138087	3.049147
1.507692	3.038058	3.984037	5.501831	3.659215	2.825157	3.97681	7.229494	2.754756	6.450444
4.172203	3.503208	4.644534	4.692758	3.84087	4.3435	4.921073	4.996749	3.762679	4.993754
1.847538	0.631562	1.844104	0.330512	1.270968	1.440574	0.999755	0.091649	1.118655	1.454536
4.095801	4.752666	4.851751	4.452013	4.855675	4.781368	4.853406	4.774441	4.802508	4.390779
2.26164	5.105257	2.607276	1.922759	2.279581	1.954848	2.136861	3.37806	2.297289	4.198694
4.399141	5.06283	4.916002	4.152204	5.377452	4.588289	4.480714	5.105763	5.053346	4.601125
4.231172	4.706672	4.428153	4.146332	5.249236	4.563057	4.607896	4.143066	5.240767	4.731551
4.070972	5.2097	4.296018	3.145296	5.670789	4.414361	3.667524	2.974937	5.565177	3.335531
4.562499	5.506916	4.680007	3.970873	5.256027	5.259483	3.881273	3.106998	5.110528	4.760777
5.705	4.653385	5.616981	5.722955	4.894043	5.343991	6.110079	6.058425	4.601327	6.478863
4.773474	6.62327	6.284053	7.269324	7.474755	7.024344	8.168632	6.570134	6.30006	8.096356
1.678692	5.278658	5.576069	1.901006	6.019108	5.259345	3.471965	3.697203	6.645498	6.492197
3.972754	4.020164	3.272738	2.56739	3.661122	3.793589	3.397833	2.653587	4.126629	3.247917
7.428618	6.090558	5.744711	4.415785	6.598765	5.481707	4.458379	4.682161	7.523663	4.65605
2.220163	2.954449	2.208356	1.373694	3.512893	2.062595	1.71929	1.510742	3.66705	1.447326
3.647783	3.199119	2.641487	1.621211	2.961881	2.913135	2.88181	1.754966	2.951963	2.956932
2.932217	2.962109	2.832708	2.408454	2.958698	2.681782	3.049641	2.779651	3.301609	4.038551
3.056062	2.44288	2.984542	5.355071	2.399649	2.960853	4.190853	5.258986	2.504218	5.009659
0.051545	0.405549	0.357798	1.116357	0.062155	0.15341	0.428688	1.682705	0.307939	0.598498
5.116887	5.417086	5.379235	4.004872	5.365042	5.436698	5.113587	3.691309	5.797783	4.804457
3.873014	4.99761	4.589823	2.633904	4.976014	4.868001	4.321686	2.817011	4.496045	4.155439
5.020507	5.90472	5.492159	4.296437	6.278203	5.475334	5.090407	4.0367	6.22584	4.806277
0.244935	0.107247	0.259944	0.473506	0.190537	0.089715	0.497233	-0.02254	0.115899	1.075559
1.735903	1.679821	3.800027	1.095166	1.846701	1.929567	2.124806	3.30766	2.758317	1.117504
4.734104	3.739279	3.765079	4.446501	3.119965	3.939929	4.410966	4.445816	3.680294	4.36181
2.260133	7.037161	3.937032	4.135745	6.666426	4.214025	4.126462	3.853948	5.239996	5.534851
2.013587	2.036993	2.168563	2.128248	1.850385	2.382367	2.257666	2.598476	1.980913	2.725898
3.303792	3.340663	2.720779	3.116269	4.013298	2.946458	2.197946	2.946458	3.974126	2.224464
6.456158	6.914843	6.976568	4.927467	7.303856	7.318066	6.302032	4.928655	7.222519	6.060739

1.996681	2.973722	2.437394	1.996681	3.547998	2.975699	2.372043	1.283551	4.013548	2.493153
1.208275	0.748476	0.713488	0.173909	0.641187	0.974469	0.359603	0.173909	0.701657	0.472651
5.440574	4.786783	4.579859	3.553235	4.702833	4.434579	4.197643	3.173332	4.520982	4.376543
3.561789	4.275235	3.377455	2.742205	4.565035	3.625348	2.894949	2.134772	5.008116	2.757778
2.16531	3.438648	4.016911	2.244662	3.968254	1.726934	0.995882	0.555843	1.393735	1.200046
2.57896	2.838568	2.34458	2.051517	2.415357	2.129482	2.067015	1.546005	2.139175	2.565604
0.014424	0.325635	0.112308	0.965688	0.371567	0.139101	0.085011	0.371567	0.22915	0.337255
5.32585	5.748012	5.650092	5.736348	5.484344	5.948969	5.238726	5.10518	5.966935	5.487554
4.28168	4.601777	4.587277	7.312862	5.358044	4.388821	6.364667	5.830543	4.214973	7.710068
5.871831	6.377773	6.519374	5.590364	6.81962	6.191868	6.192487	5.424053	6.332161	6.486811
6.334073	5.683593	6.36759	3.93605	5.697791	5.696818	5.141423	3.319122	5.886164	4.638144
4.045665	3.471212	3.422045	5.954393	2.976156	3.607912	4.311847	6.432444	3.520862	4.382237
2.706882	3.726175	2.884768	1.572521	3.709276	3.020628	2.689567	1.565287	3.950911	2.592995
4.096996	3.523174	3.564861	3.23493	3.779204	3.307091	3.494236	3.417103	3.426997	2.87423
0.112184	0.183338	0.217485	1.510726	0.57739	1.105011	0.507689	1.088052	1.116195	0.194822
1.40678	1.728996	1.356958	3.086743	0.577426	0.620437	0.132058	1.010617	-0.10218	0.150343
2.336548	0.765544	1.82977	1.240421	2.727425	1.563921	0.914231	1.493745	1.034145	1.763738
3.977627	1.624597	1.472585	4.508462	0.938682	0.903629	0.464457	4.370815	1.333831	3.409415
6.410463	6.531803	7.237103	6.065786	6.531584	6.556763	7.006978	5.681259	6.265845	7.275712
3.735828	3.641514	3.641514	4.381282	3.136722	3.842714	3.758731	4.188897	3.336777	3.989703
4.686583	4.795585	4.469587	2.678068	5.315157	4.602008	3.681079	3.423351	5.138396	4.991854
5.182029	4.038909	3.482877	3.507828	3.86006	3.587691	3.388672	3.917623	4.103021	3.251998
3.1507	3.72162	4.152993	2.389917	3.014978	5.364063	3.343346	2.053757	5.149918	3.275989
3.091312	3.994109	2.972987	2.594825	3.089763	3.368835	2.682852	3.0456	3.142915	2.886987
3.421152	5.780978	6.048016	5.757679	6.674418	5.588548	5.698219	6.279421	6.220473	3.20733
4.953546	4.745752	4.739717	2.175408	5.973532	3.797275	3.666133	1.254885	5.169557	2.142724
3.178796	2.50269	2.379353	1.824943	2.693731	2.453188	2.391608	2.211724	2.87804	2.208842

CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15
0.913849	0.847126	0.57824	0.596745	1.403709	0.178848	1.024748	0.430532	0.862247	0.83183	
2.399894	0.918951	1.626504	1.136217	0.982234	1.18409	1.798794	1.912661	2.22818	0.531551	
5.768309	5.916738	5.779547	6.152452	5.76608	5.519509	6.050744	6.588036	6.081907	5.152041	
2.468658	1.821745	4.510798	4.76016	5.182514	5.529751	4.800082	4.240854	6.038631	4.068401	
1.325563	0.875525	0.789715	1.607252	1.016806	0.567299	0.716662	0.762807	0.688153	0.955934	
6.937152	7.243214	7.379588	6.756118	7.335371	7.290636	7.195712	7.474596	7.578885	7.446121	
6.087764	6.015901	6.118545	6.144556	6.766991	5.806157	5.778788	6.031319	6.9165	5.436643	
0.883802	0.498282	0.171114	2.07494	0.807844	1.394873	2.018431	1.568235	0.3005	0.126684	
0.009871	0.009871	0.360934	0.175555	0.808109	0.292034	0.360934	0.107188	0.118842	0.009871	
5.507182	5.81693	5.771091	5.73574	5.757127	6.067919	5.67148	5.578666	5.82777	5.906479	
5.120158	5.812507	5.051946	4.62902	5.442795	5.055607	5.016797	5.583847	5.024523	4.972116	
3.637751	2.834067	2.989399	3.960949	3.175136	3.245523	2.780434	3.012743	2.611456	2.726211	
2.512391	2.605683	2.410919	2.038936	2.4644	1.337813	2.656593	2.965615	3.253102	1.483768	
2.786511	2.602047	3.420703	3.450482	4.319126	3.65793	3.357156	3.695436	3.567836	2.322108	
6.644838	4.344087	5.241956	5.120278	5.722118	4.646532	5.289613	5.879651	4.803272	4.825298	
3.671501	3.432305	3.81692	3.685398	3.985431	2.962082	3.623839	3.498919	3.436954	3.471195	
1.909526	0.894438	1.005955	1.055269	1.238554	0.545063	0.912771	2.955462	1.215408	0.485348	
8.093673	8.503138	8.498244	8.186063	7.997294	8.822064	8.52472	8.209325	8.7394	8.753545	
6.108358	4.588385	4.799974	4.889135	5.865081	4.484395	4.538494	3.781325	4.545313	5.087234	
4.750811	3.983983	3.507434	4.511637	4.243863	3.615602	3.625356	4.133183	3.542103	3.334803	
3.484054	3.102365	3.306873	3.308941	3.497873	3.119928	3.1838	3.721807	3.118684	2.94827	
4.387907	3.37933	3.054509	3.571472	3.52772	2.643706	3.068806	3.082924	3.393924	2.591588	
3.157295	2.506996	3.184844	3.143854	3.15972	3.168163	3.018434	3.339284	2.931491	3.244534	
0.248973	-0.11497	0.9368	0.369386	1.491939	1.614049	0.623112	0.570888	0.516074	2.097067	
3.354941	3.660754	3.723979	4.023601	3.78153	3.508552	3.519534	3.503807	3.678112	3.862434	
4.434081	3.110902	3.402038	2.874837	3.706847	1.978532	2.437256	4.834724	3.633428	2.386693	
0.980546	1.016333	1.160986	0.912277	1.400874	0.937517	0.792243	0.555506	3.54864	1.374308	
5.629054	5.464964	4.761502	5.007844	5.894186	4.135869	4.842547	5.712505	4.945378	4.030264	
2.566531	2.082252	1.954078	4.634621	2.982882	1.936114	3.063576	2.678648	1.566044	1.816724	
4.282032	4.50954	4.600527	4.170384	4.857968	4.853672	4.460846	4.399738	4.572691	4.784797	
3.971827	2.828873	1.783624	1.771184	2.319719	2.126029	1.800028	4.812606	2.444324	0.87579	
5.405885	5.179603	4.738549	5.647688	5.981042	4.298075	4.88506	4.643075	4.578715	4.037991	
5.080235	5.733727	5.129789	4.757187	5.043295	4.885645	5.269391	4.861832	4.808737	4.980308	
2.651868	3.593925	3.001595	2.789339	3.60549	3.038652	2.457782	3.950801	3.513164	3.064918	
1.865968	1.704135	1.983771	4.241949	3.947771	3.866293	3.189993	2.322407	2.799228	3.078805	
3.207483	2.054905	2.092382	2.31184	2.44026	1.965653	2.042125	2.453655	2.380276	2.140465	
5.152974	5.638951	5.677362	5.712425	5.700764	6.122226	5.783777	5.240612	5.539616	6.167309	
3.981674	4.229102	4.039568	4.07147	4.499647	4.091103	3.489459	4.265054	4.12057	3.83969	
5.842083	4.80669	4.428878	4.644915	4.445163	5.132022	5.04179	5.311185	5.198499	4.611541	
0.245302	0.048966	0.033927	0.063859	0.371532	0.371532	0.048966	0.359369	0.063859	0.018737	
0.408106	0.29583	1.292975	0.383116	2.657448	0.547975	0.699306	0.480085	0.46446	0.816163	
2.038955	2.377594	2.536306	3.091192	3.035256	2.653775	2.79698	2.074468	2.074468	2.154421	
4.43891	2.067643	2.168659	2.164443	1.705296	2.722329	1.90827	3.431157	3.434749	1.607754	
2.13349	0.958025	1.302943	1.015753	0.820687	0.650036	0.844778	1.36829	1.127622	0.396522	
1.051621	1.363915	0.806473	2.642196	2.122194	0.971609	1.634602	1.669219	2.051852	0.246395	

10.89526	9.847871	10.59762	10.41689	10.58595	10.17138	10.099	10.24413	11.20134	9.76111
5.723193	6.145508	6.320977	7.301799	6.139803	6.021388	6.523331	4.257532	5.557839	4.725759
3.376245	4.488769	4.741997	4.459227	4.501491	4.949719	4.39671	4.16876	4.614049	4.96546
0.804506	0.978794	1.074544	1.352799	2.285968	1.178992	1.138347	1.406425	0.396531	1.545042
1.21293	0.306061	0.422457	1.391301	1.034955	0.434843	0.609168	1.190895	0.888123	0.371852
0.369087	0.406003	1.121462	0.291301	1.340085	0.904818	1.57101	0.971823	1.121462	1.846809
2.649397	2.369887	2.155116	2.192837	2.534158	1.706012	1.949525	2.567638	1.927541	1.827797
4.452515	4.805151	4.94381	4.977878	4.466866	4.844664	4.861374	4.985049	4.958601	4.760072
4.416952	4.464883	4.594472	4.634287	4.737336	4.285972	4.437864	4.472098	4.725567	4.253152
0.628794	0.029448	0.029448	0.029448	0.352753	0.029448	0.029448	0.239506	0.199777	0.029448
0.148481	0.293309	0.634084	2.027302	1.966217	1.657145	0.727404	2.850365	2.188976	0.814052
7.452091	8.215248	7.618379	7.761938	6.503039	6.890396	6.565638	7.355684	8.510091	5.997752
9.070041	8.861894	8.920819	9.032527	9.021455	9.077188	8.975447	8.477133	8.851242	9.025491
4.375495	5.155717	4.510694	4.509008	4.617547	4.613999	5.105403	3.959052	4.769003	4.429181
3.179976	0.764214	1.182189	1.683005	2.457189	1.110617	1.219527	3.222223	1.048764	0.930405
4.284301	4.853806	6.093543	5.75588	5.504698	6.686189	5.929619	5.25971	5.841008	6.774963
1.271541	2.058211	1.318026	2.307542	2.987002	1.211429	1.526099	2.404177	3.173606	1.452065
3.922497	3.387616	3.163282	4.381648	4.639161	3.149725	3.029766	3.269435	3.028233	2.854874
1.134979	0.788538	0.341795	1.844046	1.681534	2.038117	1.054568	2.22371	0.87775	0.215335
8.628197	7.709495	8.272647	8.464685	7.349751	9.666959	10.2749	6.637964	9.227392	7.864335
4.030334	2.581253	2.596673	3.237616	3.007895	2.656113	2.752434	3.399129	2.553691	2.226966
4.582417	4.071627	3.801646	4.25688	4.441197	3.704565	3.47056	4.385049	3.600566	4.131389
0.816244	1.344205	0.406218	0.616614	1.11101	0.72113	0.984121	1.272038	0.569318	0.262917
5.704203	5.053313	5.491788	5.800703	5.615661	5.066858	5.577057	5.815281	5.507625	5.089417
3.93106	3.334487	3.335447	4.749924	3.912319	3.747238	3.812345	3.183632	3.299381	3.052037
4.02434	1.45044	1.790717	2.265799	2.441155	1.475378	1.034381	3.323302	2.945826	1.706097
2.891747	3.261613	3.187495	2.695955	2.763344	3.190313	3.364464	3.577227	3.018341	3.733131
4.124085	4.301141	4.397685	6.262479	4.515444	4.795029	5.228179	4.500969	4.7069	3.778511
3.489653	3.712939	5.239968	5.781942	4.122713	5.336093	6.111161	5.981561	5.309572	4.132819
3.367424	0.916142	4.913201	6.158274	3.535786	1.10771	2.114713	3.622103	4.546171	1.031293
3.009399	3.579512	3.536276	2.107858	2.150339	2.913911	3.424534	3.872179	4.376012	2.901897
3.664293	2.414007	2.198652	2.431197	3.688795	2.223204	2.481353	3.906925	3.157223	1.926436
3.516761	2.505856	2.38719	3.731401	2.979415	2.256003	2.412951	2.786354	2.295564	1.81032
3.599197	3.305811	3.054512	4.125276	4.229141	2.928922	3.315882	3.717289	2.662235	2.848516
2.431478	2.387351	2.084614	2.430647	2.850448	2.217908	2.276609	2.656369	2.86031	1.910663
4.183311	4.389506	4.191823	3.57024	4.577932	4.063574	4.516793	4.091827	4.587009	3.671963
7.175804	7.88156	8.150823	7.710906	7.976988	7.956257	7.973404	7.150064	8.232967	8.413491
1.527955	0.988342	0.742089	1.6724	1.145363	0.759005	0.967233	1.364348	0.840276	0.498065
4.933093	5.728543	5.977996	5.00335	5.414183	6.305434	5.906957	5.332751	5.817554	6.570431
0.267433	0.787566	0.387401	0.700285	0.780511	0.443498	0.856102	0.574045	0.700285	0.088181
4.191688	2.960704	3.008454	3.74743	3.763676	2.651846	3.033172	3.575838	2.844522	2.547766
3.120701	2.731331	1.442833	1.168139	1.939175	4.596615	2.862797	3.141588	4.943513	2.707674
2.719364	1.992048	1.587538	2.373617	3.489604	1.44131	2.090945	2.214271	1.562274	1.469292
3.071491	3.092101	3.335134	2.794295	3.958495	3.598106	3.044374	3.275873	3.067767	3.169981
3.784188	2.97784	5.676831	4.382756	6.286155	6.328644	5.182991	6.909409	3.906737	5.246609
0.118815	0.051625	0.433954	0.814384	2.011398	0.978342	0.757838	2.990601	0.336706	0.118815
3.741438	2.71499	3.409012	2.482028	2.581269	2.918214	2.582237	3.831336	3.996024	2.635086

3.139345	0.213325	0.197575	0.289871	0.362983	1.774548	0.874286	2.746692	0.197575	0.743806
4.265465	3.350047	3.832011	3.549001	5.416474	3.297708	3.285436	3.998177	4.98026	2.015868
2.046696	2.860311	1.966627	1.723753	2.451739	2.436179	2.528154	2.119941	2.689998	2.42535
3.889676	3.934705	3.569687	3.803528	4.829326	3.581572	4.094249	3.813748	3.27741	3.408979
3.26936	3.07126	3.114573	3.344627	3.390206	3.008339	3.20334	3.55207	3.082454	2.426296
7.438466	5.95361	6.553211	5.650072	5.879384	5.004478	5.738847	6.539127	5.961634	5.488435
3.941049	2.924169	2.124097	2.722627	3.240623	2.059764	2.129948	5.013458	3.480957	0.710987
6.765169	6.598767	7.342473	6.415672	6.792502	6.553313	7.4858	4.067639	6.495065	6.121131
1.956322	2.11005	2.445219	3.532365	4.519754	3.00089	3.676527	2.979533	3.902876	0.944617
2.928736	2.062292	1.713708	2.273526	1.955572	1.85666	1.961462	1.86526	1.927653	1.688757
4.348677	3.03373	2.878069	3.928545	4.518295	2.511666	2.90274	4.156103	3.148877	2.648773
0.36035	0.119311	0.103917	0.072671	0.103917	0.103917	0.103917	1.250842	0.179427	0.103917
8.348535	8.605192	8.618021	8.873799	7.899886	8.000232	9.049636	8.356629	8.893447	8.130758
5.19777	4.822826	4.517296	5.146971	4.756516	4.156788	4.688383	4.633955	4.2541	4.297893
3.710001	3.370448	2.533968	2.517414	3.964617	2.919631	2.919631	3.111217	2.974925	2.270242
0.724885	0.47134	0.450539	1.116822	0.931222	0.512011	0.663545	2.263813	0.923837	0.352796
4.865658	4.083455	4.295429	4.891322	5.089352	4.276618	3.930387	4.469325	3.897898	4.216999
1.829836	1.390773	0.636347	1.502474	1.784077	1.438868	1.5525	3.234478	2.085004	1.408998
2.967378	2.059375	2.459502	3.373675	3.016755	2.521627	2.92525	2.865515	2.521627	2.154073
3.498899	3.291285	2.838643	3.370999	3.446121	2.717359	2.978096	3.570243	2.902151	2.537573
0.105048	0.252603	0.023927	0.375176	0.453304	0.232593	0.329489	0.011882	0.023927	0.138216
0.28828	0.029523	0.062618	0.040664	0.040664	0.073436	0.029523	0.28828	0.08415	0.029523
4.520341	3.625019	3.619796	3.118203	3.720155	1.553783	3.569001	3.583929	4.231972	2.269934
4.607221	4.204424	4.212529	2.421565	3.589832	4.497711	4.576001	4.79944	4.773902	5.015178
5.292375	2.338082	2.40136	3.110437	2.055855	1.308918	2.012631	2.485264	3.761445	1.481893
3.621498	3.208273	2.954365	3.063449	3.460821	2.608739	2.875036	3.022058	2.62237	2.438281
4.424881	3.781016	3.812299	4.209572	3.877066	3.20922	3.819315	4.442486	3.821934	4.127312
7.251454	7.200638	7.212754	7.049933	6.711679	7.233301	7.175162	6.848488	7.428576	7.260297
0.120584	0.01857	0.083243	0.426149	0.260242	0.03176	0.095807	0.192252	0.01857	0.01857
0.457791	0.432613	1.323296	0.482474	2.237997	1.276586	1.153972	2.947002	0.591644	0.822883
4.032568	2.619865	2.219052	3.259731	2.984833	2.45404	2.308982	3.36959	2.221049	2.004231
6.738113	7.139815	7.160327	8.028213	6.388469	6.522822	7.069141	5.562757	7.088332	6.937655
0.61894	0.067027	0.067027	0.057655	0.32099	-0.00051	0.057655	1.297319	0.019258	-0.00051
1.079397	0.175214	0.228632	2.984767	0.998072	0.353972	0.73085	1.716527	0.458008	0.133784
5.343969	3.902243	3.781584	4.715776	4.623631	3.640605	3.452135	4.169016	3.678364	3.682062
5.508675	5.777318	5.83005	6.101548	5.618438	5.70556	5.905185	5.696088	5.906726	5.939144
5.147591	5.395222	5.551127	5.538026	5.419925	5.772568	5.774079	5.371629	5.189506	6.005258
4.747913	4.18289	4.394577	4.811005	4.489063	3.621376	4.375424	3.817314	4.410669	3.60636
4.73736	4.083322	3.818122	4.438135	4.554679	3.488106	3.801795	4.112524	3.897652	3.621371
0.49563	0.813366	0.842709	0.895216	1.881693	1.289153	0.933973	1.340407	1.135342	0.855049
6.147136	3.986989	4.002752	6.19065	6.555623	5.320403	5.612459	6.492704	4.635715	3.20875
0.004922	0.004922	0.026154	0.097321	0.026154	0.004922	0.015591	0.004922	0.004922	0.015591
6.76557	5.408836	4.700147	6.612771	7.577753	5.226741	5.957952	7.394712	6.097876	4.459795
4.565833	4.329878	4.170941	4.619733	4.537824	4.374769	4.181448	4.22881	4.252272	3.910802
5.372956	4.455299	4.248935	4.675331	5.788695	3.970938	4.242346	5.753814	4.432918	3.530542
3.540288	2.35758	2.543533	2.766391	2.916514	2.177579	2.707208	3.01884	2.549406	1.590082
4.355613	5.103193	5.457855	4.807182	5.960313	5.390519	5.612673	4.660614	7.073461	5.429446

1.712676	2.327614	3.452929	1.576	2.748185	3.019708	1.318444	0.713194	3.909776	2.625231
0.400065	0.071631	0.001022	1.244355	0.116516	0.232011	0.138351	0.629684	0.001022	0.001022
4.043117	3.637686	4.499959	4.219157	5.911779	3.851923	3.927733	3.95172	3.836491	4.902789
0.232732	0.323226	0.293357	0.323226	0.232732	0.232732	0.411121	0.232732	0.382102	0.232732
0.243337	0.063073	0.403201	0.445744	0.130121	0.267311	0.585309	0.348158	0.090275	0.143157
5.909658	6.344017	6.31874	6.16634	6.41976	6.637483	6.838441	5.572737	7.276308	6.324384
5.103267	3.736057	3.917083	4.240118	3.451974	3.244391	4.553169	3.22823	4.124116	3.0497
2.907585	2.478866	2.555178	2.965987	2.250944	2.441308	2.828865	2.825155	2.75225	1.748561
1.549935	1.034655	1.348029	1.539494	2.03923	0.938947	1.452852	1.66439	1.441609	0.568774
7.403066	6.999079	6.554443	7.081566	6.937362	6.831489	7.024039	7.398089	6.932861	6.449951
0.000439	0.141019	0.000439	0.191067	0.036611	0.157854	0.174536	0.653779	0.054432	0.000439
2.647613	0.688184	1.529229	1.686609	2.06273	1.42598	0.886031	4.219954	2.192877	1.520479
2.76816	2.810625	2.856411	2.335142	3.224324	3.204905	2.98984	3.297646	2.751242	3.143874
6.996641	6.246545	6.022274	6.044621	5.690798	6.063753	6.153062	6.481609	7.36914	5.843076
0.427058	0.139316	0.114356	0.797628	0.612371	0.199729	0.344996	0.696123	0.223143	0.07601
0.217256	0.149979	0.281169	0.1728	0.508966	0.103075	0.114963	0.249612	0.016609	0.609251
4.838051	5.237623	4.970461	4.59558	5.291947	4.389577	4.101804	4.571256	4.272524	4.361204
5.702587	5.700734	5.060819	7.105103	5.589832	5.103431	5.819793	5.787082	5.30574	4.54923
0.082628	0.034942	0.070877	0.022728	0.205027	0.022728	0.194386	0.022728	1.165978	0.010393
9.718852	10.46315	10.12027	9.599234	9.61471	10.93364	9.985982	9.794174	9.896938	11.27395
4.828006	5.024303	4.768971	4.227652	5.488464	4.932046	4.597126	4.837905	4.857976	5.129918
1.411839	1.671071	2.145006	4.503491	2.229528	1.385194	2.853481	1.151342	2.392376	0.613739
6.142892	6.112419	7.181449	6.03093	7.609657	7.560276	7.554413	7.557806	7.968203	7.219415
3.748347	4.274521	3.683409	3.684129	4.455264	3.330356	3.816543	3.685567	3.190968	3.31823
3.678681	3.774439	2.950527	3.85767	3.590621	2.726585	3.164783	3.867195	3.442647	2.546727
1.857108	1.312411	1.227693	0.869126	1.401628	0.896153	0.968595	1.748382	1.653283	0.556547
0.261271	-0.0264	-0.0264	-0.0264	0.100874	0.054288	0.161015	0.022485	0.006351	-0.0264
0.513759	0.513759	0.34285	1.151437	0.617667	0.330725	0.524483	0.545702	0.941047	0.26857
5.522236	5.6626	4.686252	5.08941	4.887767	4.3582	4.920055	5.561595	5.361045	4.406652
3.75582	3.433855	3.120953	3.446823	7.647363	1.951813	2.753243	4.687126	3.188563	2.296039
1.397808	1.932015	2.862602	0.984099	3.030129	2.490325	3.076405	2.0962	3.331933	1.781006
6.2708	5.363807	4.97035	5.599496	4.852661	6.711883	5.678353	6.598702	5.003426	5.447747
3.005308	1.211655	2.571129	1.889292	1.556325	0.600152	2.005495	0.994585	1.443346	0.425421
5.571698	4.505021	5.845053	5.4927	5.451889	5.08618	5.200144	5.401556	5.358721	4.753022
0.451457	0.854452	2.068573	0.491142	1.816917	2.175382	2.120212	0.782627	2.413567	2.111611
3.165834	3.427977	3.436891	3.140977	3.440434	3.653443	3.549137	3.397053	3.487055	3.381218
1.248947	0.992532	1.723721	1.0187	2.070034	1.393879	1.77458	1.084194	1.008301	2.24511
0.758854	0.257451	0.353923	0.399388	0.919329	0.718549	1.09119	0.970213	0.195596	0.565712
4.501849	5.115929	5.130169	4.694853	5.121317	5.269142	5.495671	3.289753	4.768089	5.194026
6.321485	5.256012	5.724925	6.358989	6.005525	4.823946	5.275053	5.474892	6.110912	4.601939
1.232964	0.5515	0.675038	0.578989	0.578989	0.31864	0.425093	1.148426	1.10699	0.372967
5.509739	4.235306	4.323201	7.039802	6.304389	5.401647	5.106351	6.124998	4.595254	4.472167
7.396729	7.141779	7.122319	6.834921	6.304064	5.971965	7.018544	7.151203	7.28105	6.076609
0.329823	0.320013	0.839096	0.423999	0.196024	0.975948	0.670957	0.196024	0.034341	0.909349
3.634699	2.574754	2.475059	3.358759	2.630511	2.621412	2.737304	2.925838	2.58188	2.607621
3.604131	1.257801	1.69651	1.734333	1.57091	1.196512	1.347887	2.052315	2.452738	1.0258
3.009726	2.024935	2.206643	2.813291	2.573281	2.030022	2.329292	3.076058	3.321008	1.801384

4.820344	2.983001	3.75226	3.815195	3.512844	3.369722	3.856692	3.304076	4.001338	2.44292
3.058839	2.480289	2.065158	2.622089	3.573379	2.935935	4.046195	4.83385	1.473429	1.210479
4.005029	2.722367	2.826272	2.861653	2.68867	1.695641	2.836479	2.262342	3.408533	1.165841
4.13793	3.73485	3.279384	3.881643	3.619323	2.969545	2.993924	3.520107	3.267529	3.063937
9.396	9.100232	10.10493	9.777527	9.525511	10.04442	9.937086	9.153309	10.52837	9.695937
5.917652	4.725985	4.479911	4.272075	4.132521	4.253356	5.125792	6.056496	4.628104	3.969991
5.885728	2.4302	2.422563	3.282713	2.664449	1.248669	1.343378	3.893602	3.704577	1.068147
8.582704	6.98074	8.690261	8.307678	7.604131	7.090759	7.900889	5.531455	7.792804	6.032668
3.786377	4.234588	5.030033	3.356103	4.281215	3.837431	5.629724	1.878764	4.018852	3.67386
3.993144	2.778448	2.82615	3.743699	3.411344	2.873347	3.302016	3.23656	2.493009	2.786033
1.338135	1.149943	1.002878	2.209281	2.007421	1.461634	1.979014	1.25261	0.21796	1.215208
3.3914	2.582359	2.669155	3.23016	2.902802	2.660106	2.702419	2.589667	2.435833	2.495827
4.067673	4.409419	4.076368	4.174401	3.922524	3.692462	4.20064	4.195308	4.317353	3.163045
3.725876	3.33603	2.964303	3.404837	3.511741	2.858111	3.028864	3.939558	3.032685	2.811614
1.8001	0.426149	1.865158	2.586946	3.741125	1.336488	2.20948	2.646923	2.168429	0.758121
3.693964	2.68844	2.885857	3.261975	3.254167	2.387904	2.457507	3.608874	3.054989	2.799345
2.448579	1.995059	1.678481	1.710834	2.359673	1.634919	1.775778	2.183451	1.301034	1.464932
3.518236	2.529991	2.801909	3.801503	3.280821	1.870691	2.59813	3.250662	3.004164	1.923107
4.612712	0.119682	2.254554	6.102088	4.599213	4.432578	3.070747	2.605538	5.525758	4.852504
3.758186	4.280973	4.561795	3.852646	4.372836	4.604433	4.383921	4.469709	4.329777	5.064317
0.755641	1.254894	1.154065	1.747807	2.313109	1.454536	0.953079	0.883376	0.76351	1.388067
4.811181	4.9037	4.787361	4.771746	4.892264	4.765428	4.818919	4.823405	4.616057	4.751978
2.576134	1.749808	2.382511	2.699239	3.43848	2.740446	1.918111	5.203016	2.953599	2.046795
5.16088	4.806791	4.772532	4.632301	5.305539	4.064564	4.584271	5.361292	4.793808	4.525326
5.072144	4.835999	4.543879	5.097934	4.998212	4.88416	4.279205	5.122045	4.445349	4.686533
5.583519	4.338557	3.986272	5.600644	4.593816	3.617089	4.16667	4.380131	4.031069	3.397638
5.299879	4.389595	4.561972	5.739861	4.394478	4.601828	4.133835	3.851416	4.950001	4.215626
4.636793	5.78725	5.865623	4.95378	5.845496	5.909154	5.82154	4.594263	5.942436	6.065811
5.728398	4.156754	8.444999	7.883674	5.470603	5.86644	6.793901	4.739765	7.537102	5.520272
5.805054	4.886199	4.242884	4.346978	4.323911	5.072556	5.322323	3.054616	3.504788	5.311136
4.255284	4.103143	3.358639	3.778468	3.732701	3.258208	3.570282	3.237525	4.353988	3.467331
7.291914	6.959497	5.480271	5.376845	6.313692	7.364341	6.525448	7.597742	4.924327	6.196061
3.464828	2.202406	2.065979	2.755474	2.339651	2.178274	2.065979	2.558537	1.837745	2.118743
3.147026	2.974973	2.865824	2.460838	3.076188	2.692471	3.027467	3.490243	2.809003	2.562855
3.198212	1.874782	2.274709	2.502254	3.065359	2.564095	3.064318	3.354216	2.536826	1.891636
2.636612	2.495797	3.129526	2.14957	2.383116	3.369579	2.696077	4.585968	3.607217	3.105044
0.246847	0.030022	-0.0143	0.668544	0.113759	0.093399	0.55155	1.824428	0.530817	0.008081
5.452484	5.445539	5.209835	5.493535	5.654925	5.318947	5.043311	5.046305	5.147842	5.28644
5.460831	4.991602	4.525841	4.961424	4.633484	4.070315	4.710997	4.56158	4.729413	3.410776
6.417822	5.294094	5.345708	5.65882	5.748079	5.235884	5.150401	5.811252	5.239378	4.887824
0.035175	0.09852	0.392215	0.182516	1.297251	0.520405	-0.02254	0.597488	0.608026	0.654107
3.813056	4.529432	2.419751	2.264684	2.213041	1.517624	2.456146	2.76294	3.167926	3.978905
3.354816	4.078245	4.067357	3.834175	3.989833	4.509117	3.891788	3.49298	3.626412	4.536425
5.451152	3.751596	3.824303	3.600228	7.871668	3.393196	3.882926	4.99243	6.382527	2.812642
1.8154	2.376035	1.763579	1.742206	2.433372	2.356833	2.729448	1.728651	1.838007	2.17045
3.973621	3.119839	2.748712	3.53487	3.017351	2.7101	2.80234	2.966044	2.555611	2.748712
7.179609	6.883344	6.772949	6.991551	7.034715	6.231741	6.795548	6.641718	6.401635	6.361358

3.415382	2.770611	2.299111	3.277341	2.96179	2.44688	2.149798	2.727194	2.35168	2.166049
0.417102	0.603804	0.881403	0.5784	0.472651	1.0337	0.816287	0.472651	0.513111	0.892009
4.777574	4.478916	4.369154	5.286077	4.98925	4.276856	4.469101	4.708738	4.380865	4.085772
4.948243	3.361903	3.22162	3.892034	3.926191	2.72373	3.134648	4.278141	3.349001	2.710327
2.07786	1.05155	1.098471	6.982281	2.375297	2.418733	4.009052	2.074631	0.422267	0.82196
2.275731	2.467603	1.716857	1.907871	2.534986	1.183649	2.186478	3.624955	2.082313	1.336504
0.437842	0.216623	0.014424	0.393998	0.241568	0.139101	0.098724	2.405166	0.098724	0.014424
5.656429	6.233844	5.306475	5.747626	5.746077	5.428268	5.039869	5.462618	5.683256	5.694899
3.61621	3.167988	4.671036	4.280996	4.325617	5.350875	4.24492	4.473903	5.342529	4.65208
6.069423	6.472992	6.155324	6.434194	6.758273	5.948419	6.161291	7.192496	7.314818	5.949979
5.240993	5.547343	5.409588	5.629814	4.946516	5.791896	5.349445	4.578366	5.526217	5.25237
3.455002	3.556408	3.639387	3.791877	3.318854	3.758357	3.593333	3.146569	3.578535	3.83642
4.121387	3.129508	2.909339	3.353458	3.43637	2.163534	2.666879	3.933465	2.962613	2.452853
3.267339	3.707609	3.475374	3.790454	4.118971	3.611699	3.472997	3.478931	3.178073	3.883237
2.216123	0.713991	0.975087	0.228668	0.228668	0.136344	0.049712	0.124321	3.773894	0.217485
0.094593	0.104074	0.036007	2.810033	0.472631	1.065182	2.441387	-0.02572	0.005557	-0.05787
1.026949	2.066181	1.164191	2.164427	3.318057	1.228005	0.608663	0.684718	0.517763	2.195679
0.989446	0.432202	1.609719	1.184371	3.31424	5.497217	2.638651	7.44149	2.017448	2.115291
6.182601	6.727824	6.962029	5.982972	6.792479	6.872298	7.351395	6.487964	7.340871	7.182011
3.631657	3.639965	3.416291	3.441525	3.556621	3.256031	3.738187	3.67105	3.538568	3.390442
4.994199	4.319378	4.548515	5.196287	4.663898	4.875738	4.574121	4.275119	3.870545	3.719328
4.089948	3.590731	3.331862	4.134557	5.05916	3.224315	3.391433	3.350189	3.333806	3.086044
3.873556	4.291883	3.03737	3.714483	3.298569	3.491259	3.44539	3.381264	3.437979	2.583069
3.471937	2.919251	3.365085	4.022961	3.16942	2.974684	3.02457	3.126445	3.772621	2.355178
4.850289	5.202052	5.58943	4.887592	3.694657	4.284736	5.360233	2.986537	3.752513	4.114888
4.185368	3.586455	4.49516	4.38192	4.121186	3.819951	4.74794	2.717191	3.136105	3.586455
3.02059	2.231684	2.364462	2.605426	3.343414	2.096433	2.188453	2.729986	2.016734	2.173648

CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15
0.559473	0.398903	0.481622	0.744388	1.598356	0.140496	0.8395	0.275998	1.476557	0.240398
2.55329	1.91671	1.012863	2.467646	2.171723	2.102339	2.127005	2.500363	1.781132	2.09878
5.8023	5.340471	5.098072	5.671824	5.738478	5.947011	5.592323	6.002963	5.360958	4.372458
5.538816	5.050285	3.924788	3.803707	5.290954	6.210887	2.201226	6.991039	2.309226	4.261512
0.892016	0.841889	0.545997	0.841889	1.103002	0.535212	1.539969	0.807344	1.144014	0.688153
7.359128	7.319859	7.580482	7.215438	7.411462	7.030131	6.919845	7.14128	7.072691	7.192202
5.847537	5.556309	5.656607	5.769691	6.958564	5.980635	6.132549	5.776889	5.673161	5.739119
1.848404	1.221902	0.220668	0.362659	0.080278	2.919439	0.613561	2.969803	0.460512	0.056277
0.522579	0.13039	0.229834	0.083552	0.059466	0.37995	0.009871	0.564041	0.059466	0.462148
5.706532	5.349698	5.594246	5.516596	5.98328	5.452065	5.489702	5.330508	5.775131	4.678299
4.878801	4.790445	4.779053	5.448148	4.477653	5.10593	4.965804	4.920466	4.860635	5.243486
3.098443	2.522636	2.374425	2.496645	3.35372	1.655816	3.486147	3.320483	3.137453	1.586232
2.625748	2.003007	1.763308	2.543314	2.598432	2.477394	2.499787	2.019912	2.164005	2.322071
3.687671	4.050629	3.433452	2.904046	3.831763	3.582362	3.362718	3.061183	3.069376	3.980605
4.492244	4.510051	4.681426	4.629927	6.286269	2.757027	5.710921	4.433102	6.100343	4.34624
3.130378	3.163788	3.254086	3.09749	4.329816	2.149919	3.506556	2.938373	3.945715	2.126631
1.17255	0.593916	0.722143	0.577858	1.942536	1.261248	1.78744	0.777922	1.481715	3.214821
8.965381	9.062005	9.149637	8.989225	9.398035	9.25715	8.451573	8.769137	8.442019	9.598752
3.988124	4.106097	4.164295	4.14347	5.688109	2.916107	6.161514	3.604234	4.897366	2.741172
3.279512	3.197763	3.03233	2.968889	4.406224	2.269661	4.443731	3.568748	4.498517	1.979064
2.763069	3.028912	3.102365	2.844505	3.939151	2.625194	3.649054	3.144504	3.595154	2.310008
2.879327	2.472905	2.223023	2.727281	3.038703	2.371854	4.140961	3.39682	3.25738	1.276681
3.105002	2.933002	3.12774	3.007258	3.593841	2.709583	3.340301	3.061963	2.814722	2.130417
0.61743	1.073121	1.102893	0.736152	1.62555	0.191865	0.166457	0.0957	0.61743	0.795906
3.813677	3.366894	3.441592	3.3841	4.137299	3.230699	3.741485	3.339084	3.593811	3.198599
2.549361	2.264388	2.405907	2.887611	3.952665	1.055399	4.05048	1.893636	4.084213	1.720239
1.10173	0.893022	1.010436	0.931252	0.937517	0.735136	0.90589	0.636657	1.096207	1.160986
4.225542	4.48532	4.092208	4.23435	5.650186	4.332492	5.090589	4.680495	5.402642	4.513787
2.87566	2.648094	1.940633	1.639411	2.794127	3.007282	2.714009	4.199467	2.169971	3.412794
4.46974	4.48597	4.616119	4.499643	4.745879	4.273086	4.13804	4.353721	4.45775	4.331508
3.365444	2.106891	2.020519	3.403687	3.369078	1.047241	2.70152	1.967929	3.139351	2.697458
3.808644	3.857954	3.548076	4.06899	5.518484	4.40124	4.942595	3.966934	4.283358	2.655523
4.890055	5.701677	5.081477	4.585998	4.873801	4.820881	5.724028	5.009759	5.98976	4.619468
2.999884	3.056771	2.850779	3.333743	3.198677	3.259775	2.86996	2.319931	3.248635	3.386126
4.174235	3.886705	2.686126	2.526563	3.942649	4.545194	2.115524	4.057147	2.676999	4.407071
2.394408	1.941295	1.95528	2.178057	2.896258	0.945257	2.951493	1.602545	3.262421	1.798858
6.00483	5.984424	6.073345	6.035289	5.57447	6.620127	5.163282	5.848504	5.45847	6.35497
4.1127	3.908583	3.996841	4.085872	4.430013	4.553412	3.877037	4.106642	4.598432	4.89053
5.445269	4.835493	5.29488	4.893415	4.855148	4.521504	4.644915	5.080919	5.146315	4.49503
0.033927	0.018737	0.018737	0.018737	0.093216	0.018737	0.018737	0.078608	0.078608	0.018737
1.361733	0.591183	1.128863	0.833613	4.146589	0.569774	0.686313	0.850811	1.289037	0.304851
3.100094	2.936974	2.525859	3.521252	2.897235	3.84256	2.38934	3.32308	2.118706	3.603456
4.353073	3.513801	3.26531	3.526475	3.701822	2.153835	3.108706	2.852821	4.239312	6.002237
0.599274	0.341867	0.414163	0.606668	1.085168	0.313506	2.135374	0.671106	0.952627	0.303891
1.735622	1.178914	0.449042	0.728183	1.215538	2.713772	1.009606	2.734576	0.714629	0.69401

11.38559	11.24686	11.1165	11.09016	12.23545	11.02806	10.8683	10.27223	11.33154	11.93085
5.518103	5.247872	4.663052	5.555453	5.114457	6.321103	6.129939	6.893315	5.226067	3.067799
5.200267	5.145138	5.216403	4.542295	4.855239	5.169226	3.768641	4.272237	4.556255	5.258229
1.047993	0.472963	0.637948	0.494932	2.087308	0.339825	1.091908	0.244627	1.758816	0.262534
0.471389	0.630934	0.237208	0.306061	1.358627	0.694375	1.256041	1.114978	1.466895	0.164996
0.890911	0.725018	0.346325	0.703091	0.976149	0.154082	0.299332	1.194577	0.307306	0.476304
1.770494	1.475365	1.351748	1.628972	2.735712	1.072044	2.593343	1.518241	2.767786	1.013555
4.759289	4.690824	4.859609	4.765141	4.88643	4.94089	4.501082	4.934368	4.603074	4.02572
4.156623	4.124229	4.236598	4.263931	4.79356	3.723979	4.635455	3.437542	4.746887	2.520994
0.556473	0.088396	0.029448	0.117024	0.68813	0.290894	0.446719	0.029448	1.207624	0.029448
0.83478	0.640131	0.083424	0.704738	2.835655	0.244144	0.766077	1.356873	0.479078	1.011377
8.626367	8.254851	8.59655	8.564479	7.568665	7.504247	7.664222	7.601658	8.277994	9.000086
8.723359	9.028838	9.091424	8.976328	8.883925	8.658251	9.195976	8.971395	8.950714	8.196697
4.975147	4.439469	4.544398	4.679887	4.708071	4.996699	4.039956	5.217723	3.689332	3.92332
1.341882	0.922612	1.048764	1.243799	3.085523	1.473151	2.367319	1.156646	2.760485	3.221036
6.769212	6.716487	6.77771	6.92697	5.103393	7.087276	4.997087	6.485	4.609054	7.398383
4.169279	4.099763	1.100551	2.194601	4.076471	2.230629	3.060605	1.744163	3.33674	6.429723
3.034353	2.683558	2.478124	3.080599	3.735196	3.66466	3.93726	2.74589	3.553554	2.180548
1.673636	1.47196	0.909922	0.823381	0.185146	2.152922	0.652107	1.443027	0.443182	0.484764
10.65141	10.78288	10.69773	9.805422	7.767566	10.9606	6.663951	9.990852	6.106472	11.1938
2.439772	2.331509	2.026795	2.22421	3.040543	1.719943	3.324387	2.600491	3.211846	3.482436
3.892766	3.680007	3.707071	3.717856	4.58652	3.441487	4.360889	3.310778	4.501777	3.861184
0.863068	0.792032	0.50063	0.406218	0.975919	0.384843	0.741878	0.984121	1.23724	0.581342
5.262777	5.082982	4.895937	5.069044	6.295761	4.814613	5.833819	4.983204	5.718764	3.461771
3.680926	3.408767	3.142225	3.019435	3.388827	4.352554	3.80228	4.457922	3.541597	2.632632
3.866574	3.224382	2.452315	3.124111	3.533878	1.533905	3.561757	1.454034	3.943079	4.18466
3.498198	3.127956	3.41648	3.102212	3.703799	2.981036	2.776092	3.820562	3.191016	3.214637
5.141716	4.822984	4.279954	4.180905	4.158787	6.326647	3.669093	6.063827	4.064354	3.360818
6.588884	6.010993	6.103301	6.287391	3.970972	7.101234	4.125971	6.548901	3.810347	5.487872
3.238815	4.120182	4.681795	2.290266	3.137138	3.113596	4.42795	1.887464	4.047408	2.452817
4.296039	4.195834	4.112505	3.789233	3.4307	3.742598	2.956419	3.534537	2.828823	4.751607
2.491141	2.016129	1.687154	1.82398	4.069836	1.305641	4.021001	2.053962	4.180739	1.547159
2.025368	1.987838	1.772599	1.970324	2.908429	1.293887	3.074535	2.084015	3.272111	1.645703
2.899707	2.472906	2.481161	2.502867	2.953845	3.255304	3.677874	3.795203	3.483646	3.309598
1.874015	1.558615	1.660881	1.846374	2.405402	2.428983	2.366321	2.126913	1.8697	0.670797
3.901298	4.233415	4.010124	4.363994	4.340583	3.976884	3.613426	4.360853	4.061027	4.072128
8.130408	8.228213	8.504362	8.757263	7.777067	8.721866	7.624247	8.245299	7.735178	8.785887
1.175705	1.009097	0.607242	0.733543	0.871344	0.626095	1.39484	1.359192	1.157589	0.412126
6.125128	6.250994	6.574712	6.241307	5.562077	5.749678	5.306159	5.699201	5.409348	6.239716
0.842679	1.132013	0.479603	1.019121	0.246324	1.464517	1.245888	1.240922	0.224869	0.523378
3.379931	2.680609	2.963086	2.700883	3.063777	1.929486	4.0445	2.688455	3.614571	1.974955
5.630269	3.701785	2.265345	4.03625	3.652777	2.479892	4.674247	1.86135	4.126919	2.953598
1.450712	1.660215	1.743319	1.540796	3.088515	1.378285	3.085044	1.782758	3.096576	2.77504
3.924235	3.424459	3.930726	3.453623	3.522642	3.083319	3.103695	2.940902	3.486473	4.814116
4.718041	3.28572	5.341639	3.487168	5.143069	2.752979	3.911346	4.675207	4.664022	5.154754
0.619144	0.514984	0.051625	0.131868	3.174895	0.157609	0.646236	0.051625	1.228246	0.131868
5.045353	4.593584	4.397648	4.852633	4.131145	3.454656	3.500962	2.721817	3.788113	6.213

0.473543	0.181671	0.4192	1.879378	0.274847	0.58957	0.551804	1.744191	1.492905	0.551804
4.355622	3.860767	3.355894	4.350963	7.516574	2.835166	4.648654	3.103461	4.725437	4.478997
2.918327	2.808084	2.193459	2.728067	2.157323	2.393219	1.495167	2.984078	1.959047	2.452704
3.919381	3.77171	3.324757	3.343837	4.245844	4.136977	3.750383	4.067537	3.334338	3.140734
3.137472	2.393281	2.199823	3.562738	3.163576	3.355131	3.377039	3.046868	2.999775	1.666548
4.708348	5.238728	4.735277	5.738458	5.701999	3.790259	7.445338	5.561935	6.147001	3.93263
2.621647	2.491235	1.028412	3.298673	3.868168	1.281235	3.696487	2.98237	3.616539	1.631806
6.674786	6.778911	7.291752	7.374051	6.670661	5.773865	7.633535	5.752479	8.109479	5.931341
2.221462	2.165613	1.930432	1.177077	4.62471	1.437752	2.786098	2.445219	3.579863	1.182966
2.23326	2.360638	1.655427	1.845812	2.296692	2.170685	2.490146	2.409442	2.738837	1.869534
2.636424	2.450944	2.654896	2.501191	4.040354	1.636065	3.958045	2.40598	3.987693	1.628363
0.306858	0.119311	0.194105	0.208648	1.235814	0.119311	0.072671	0.179427	0.072671	0.103917
8.773341	8.786735	8.956679	8.080133	8.396938	9.066556	8.209092	9.289455	7.360404	8.104663
4.34343	4.187029	4.210422	4.435156	4.744332	3.585213	4.926234	4.534269	4.627983	3.036801
2.468844	2.170098	1.952651	2.726974	4.769445	2.015235	3.33922	3.144471	3.178234	1.010184
1.30835	0.580389	0.197947	0.259604	1.330503	0.283506	0.878671	0.758735	0.931222	0.295302
4.138025	3.742765	3.79543	4.040821	5.013728	3.412311	4.996583	3.544694	4.715636	2.603676
1.820799	0.716743	0.959002	1.341012	3.219149	0.697062	2.179846	1.642488	3.180973	2.225018
2.603959	2.523213	2.051912	2.16756	3.188647	2.68566	2.788723	3.092633	3.172686	1.782539
2.477821	2.389697	2.132238	2.372851	3.627646	2.224144	3.467351	2.745544	3.585561	1.423583
0.301226	0.105048	0.116205	0.212247	0.138216	0.87495	0.149073	1.051343	0.070945	0.093787
0.029523	0.073436	0.040664	0.051695	0.029523	0.040664	0.040664	0.08415	0.176225	0.029523
2.278007	2.742179	2.550242	2.527606	3.916139	1.477654	5.380433	2.914613	4.197775	1.531449
3.232125	3.562385	4.808325	4.807095	3.12914	2.857712	4.04693	3.206261	3.712878	2.63178
1.712787	2.30751	2.01811	2.586033	2.813944	1.152656	4.713405	2.445957	2.57882	1.939315
2.091445	2.159229	2.030887	2.354918	3.265949	1.20155	3.283285	2.65572	3.250865	1.406487
4.09257	3.543686	3.717319	3.407457	4.67265	2.729214	4.277338	3.488229	4.665866	2.836437
7.246841	7.374297	7.470336	7.262803	6.847398	6.788762	7.088549	6.983958	6.78347	5.648101
0.108254	0.01857	0.03176	0.01857	0.180573	0.070559	0.01857	0.095807	0.01857	0.03176
2.242012	1.139578	1.172911	1.125016	2.093231	0.739422	0.650011	1.237032	1.490834	1.929556
1.70334	1.812692	2.042892	1.908857	2.724211	1.932881	3.818867	1.971717	3.378075	3.709373
7.400363	7.195009	6.844476	6.697826	7.06605	7.262415	6.848504	7.833383	7.266433	5.592131
0.028997	0.019258	-0.00051	0.214212	0.038641	0.067027	0.130282	0.028997	0.189766	0.121487
0.635821	0.241677	0.188759	0.202175	1.043009	0.254604	0.911787	0.758158	0.758158	0.280107
3.404622	3.108845	3.506338	3.530952	4.220744	2.869119	5.066106	3.17006	4.299009	3.530952
6.727976	6.117264	6.199753	6.758417	5.574234	7.06656	5.512321	6.245882	5.429426	6.256499
6.033179	6.068458	5.994526	5.481366	5.119493	6.364686	5.121418	5.859276	4.548126	6.314217
3.811052	4.074553	4.112853	4.055209	4.159079	4.090521	4.788211	4.387142	4.112256	3.451437
3.371125	2.849865	3.131672	3.284521	4.160641	2.311997	4.601009	3.30862	4.564196	1.998274
1.18499	1.144823	0.350574	0.743218	1.138511	0.613695	0.960317	0.701709	1.297405	1.705231
4.247025	3.507378	2.864351	4.14828	7.014263	2.832373	5.837889	5.082822	5.845723	5.344595
0.077465	0.046974	0.004922	0.015591	0.015591	0.126433	0.004922	0.164057	0.015591	0.046974
5.221156	4.716686	3.881517	5.160167	7.787589	4.791188	6.073478	5.99794	7.34818	4.290069
4.120213	3.831769	3.794729	3.654046	4.520431	3.746203	4.214583	3.771288	4.479986	3.004793
4.203292	3.85347	3.735245	4.0484	5.347544	3.443985	5.2828	3.659905	5.706259	4.949416
2.062318	1.737999	1.801989	1.697536	3.035518	1.359999	3.257041	2.651712	2.730914	1.300304
5.766521	5.065072	5.760886	4.906674	5.828115	5.542327	4.907487	5.400119	4.532321	5.671499

2.891126	1.519629	2.07837	1.193223	3.072226	2.066854	2.1589	1.658151	1.524055	2.47877
0.615172	0.500407	0.03684	0.048549	0.094281	0.600483	0.03684	0.555319	0.013079	0.241985
3.264159	3.084831	3.92394	3.598412	5.188425	2.78618	4.590158	2.435388	3.319664	3.79236
0.411121	0.323226	0.232732	0.468347	0.232732	0.232732	0.323226	0.524522	0.232732	0.232732
0.403201	0.194134	0.194134	0.021264	0.181561	0.659284	0.314073	0.255374	0.168875	1.103974
6.627179	6.522677	6.634478	6.525296	7.100224	6.932887	6.31777	6.624174	5.404079	5.155146
2.582482	2.92627	3.351608	3.707722	3.412171	1.920064	4.772503	3.094698	4.154376	1.456753
2.473816	2.252993	1.627536	2.042123	2.30503	2.724168	2.204891	3.109783	2.312828	1.071633
1.570569	0.844642	1.214144	1.769679	1.36609	1.207415	1.812953	1.729476	1.116662	0.417946
7.572091	6.930298	6.682174	6.787445	8.81674	6.562412	6.976119	6.578768	7.737222	7.319232
0.072081	0.036611	0.000439	0.000439	0.054432	0.141019	0.072081	0.054432	0.124027	0.000439
3.013201	2.086359	1.319639	1.783929	3.152079	0.925772	1.994673	1.360666	2.799342	2.55041
2.63891	3.189962	3.480196	2.297817	3.024664	2.066217	3.142617	2.494664	3.210235	3.740963
6.429183	6.630444	6.408723	6.004715	6.687989	6.654217	6.315912	6.626973	5.948802	6.62806
0.323659	0.234696	0.246149	0.344996	0.720248	0.163813	0.712255	0.234696	0.301973	0.049815
0.400136	0.260218	0.114963	0.114963	0.724462	0.138413	0.114963	0.138413	0.601188	0.381061
4.604407	4.257692	4.048207	4.225638	5.351147	3.043879	4.884095	3.316341	5.8769	3.798662
5.715465	5.114158	4.428898	5.082199	5.427579	6.196626	5.642156	6.021403	5.198547	3.028332
0.287019	0.034942	0.022728	0.139766	0.236413	0.010393	0.094268	0.034942	0.047036	0.022728
10.51136	10.68263	10.91598	10.84807	9.535463	10.31866	10.09301	9.416389	9.982721	11.34125
4.902304	4.794807	5.301099	4.700315	5.210575	4.015687	4.618179	4.318034	4.959462	5.05493
1.800586	1.824315	0.287473	1.079469	4.635846	1.81645	3.367522	1.812501	1.273187	1.010735
8.609782	7.926338	8.135519	7.821539	7.341487	7.516678	6.341036	8.034839	7.40621	9.209682
3.121107	3.233642	2.852273	3.707614	3.618068	3.601862	4.097225	3.594057	4.013073	3.987441
3.515469	3.25167	2.771325	3.231654	3.98292	3.419636	3.931635	3.521187	3.565882	3.899892
1.282326	1.401628	1.008019	1.293701	1.685869	0.735846	1.512767	1.231682	1.564531	2.06515
0.565091	0.006351	0.204728	0.038463	0.116116	0.407476	0.006351	0.175715	0.740482	0.146184
0.637604	0.637604	0.481115	0.657277	0.378641	1.98262	0.657277	1.748986	0.22999	0.458946
4.717539	4.547793	3.989159	4.876201	5.917956	3.227595	5.670301	4.749068	5.981332	2.31536
2.9957	1.469438	1.093364	2.088741	6.013224	2.075416	3.275399	2.626822	4.052463	3.196265
4.197575	3.928424	4.179536	3.604542	3.479455	1.864026	1.753489	2.594164	2.489484	5.724272
5.492281	4.899672	5.553381	5.384881	4.201213	5.419511	4.359393	5.835661	5.620308	4.030635
0.839893	1.093653	0.358239	1.107259	2.913312	1.77549	3.370908	0.823457	1.410909	3.949217
4.809386	5.286184	4.672597	4.458551	5.078735	4.591722	5.114745	4.421125	4.839008	3.11508
1.999683	1.973958	2.197409	3.039753	1.304331	1.8871	1.098755	2.428572	0.910563	2.81437
3.585657	3.439107	3.481983	3.820955	3.523067	3.983073	3.026024	3.755151	3.42169	3.647014
1.183012	1.50263	0.87597	1.039233	3.037391	0.834471	1.488683	0.638422	2.436937	2.620376
1.149761	0.267457	0.353923	0.947865	1.086177	0.141488	0.953491	0.119139	1.071011	0.738871
4.387798	4.619866	5.252088	5.379511	4.866165	4.949937	4.852162	4.630064	4.843081	3.763375
5.190845	5.242503	5.527502	4.73497	6.303031	3.771115	6.313762	5.023303	5.890538	4.104593
1.453045	1.136723	0.640935	1.489312	1.866344	0.542205	0.810673	0.605903	1.401451	2.291374
3.194779	3.719356	2.967411	3.993482	7.152348	3.440337	5.683514	4.986827	6.000087	2.616913
6.598297	6.625281	6.853319	7.373455	6.202682	4.79368	8.038112	6.303487	6.414181	4.813211
0.396466	0.368328	0.206827	0.477349	-0.01587	1.157179	0.577809	0.871508	0.082656	0.021971
3.14582	3.184177	3.022024	2.942178	3.010048	3.22058	3.233763	2.703903	3.074738	3.866329
1.662514	1.802492	1.729663	1.957119	2.532084	0.952583	2.864604	1.310018	1.929203	1.175442
2.35083	2.146022	1.948641	2.438719	3.183233	2.675137	2.54062	2.453056	2.704363	1.708777

3.103979	3.064942	3.176438	3.069598	3.568601	2.130392	4.824337	3.67172	3.609973	1.944582
2.903324	1.8488	2.343162	2.35037	3.15054	1.163998	2.758862	2.082902	4.700847	2.34075
1.749044	2.155845	2.151572	1.689572	1.968123	1.521032	3.916453	2.861653	1.270329	1.876405
3.339986	3.419811	3.059819	3.35108	4.270021	1.896519	4.000572	2.935393	4.17323	2.38739
10.58566	10.59174	10.96921	9.52153	10.40705	10.67399	9.236372	9.419481	9.47971	10.81878
3.913526	4.215805	4.08718	4.338254	3.957902	3.315338	5.53503	4.735388	4.593957	2.562579
3.188876	2.539991	2.238598	3.171112	4.741417	1.108149	4.972395	1.776148	4.641904	4.411255
7.013575	7.852397	8.28869	7.009219	5.743992	6.61541	8.646913	7.613711	6.101849	5.776348
3.749321	4.225258	5.091768	4.163674	4.054746	3.351363	3.880213	3.846278	3.691289	2.690941
2.641165	2.41002	2.371598	2.343025	2.898294	2.428759	3.544393	2.790561	3.4686	2.720699
1.393517	0.633588	0.612027	0.931638	1.094835	2.350762	0.759649	2.486494	0.170476	0.497494
2.582359	2.41028	2.301444	2.345102	2.843304	2.022803	3.252518	2.759791	2.997875	1.772014
3.809222	3.939549	3.746724	3.567469	3.931681	3.825262	4.099183	3.847354	3.845698	3.024371
2.832029	2.700975	2.621664	3.0428	3.564538	2.564373	3.347215	2.832029	3.670487	3.035223
1.401115	1.022308	1.076975	1.106271	2.54573	1.364626	1.661526	1.602628	2.456829	0.677325
3.118165	2.618148	2.496789	2.690965	3.867481	1.558156	4.114149	1.853245	3.82377	2.896504
1.258283	1.223821	1.172602	1.415809	1.381774	1.707642	2.059267	1.542144	1.496482	0.99638
2.741215	2.511287	2.46865	2.843909	2.507091	2.250275	3.673389	2.85497	2.67911	2.617456
3.394785	6.618819	5.174712	5.392687	3.411887	4.847479	3.012276	4.088024	3.708218	8.674439
4.196169	4.715532	4.927503	5.369888	4.564101	4.517564	4.011464	3.706716	4.293493	4.919661
1.318044	0.904679	0.999755	0.876197	2.961514	1.094504	1.094504	0.868978	2.835473	2.189683
4.70613	4.704926	4.623698	4.865719	4.564153	4.765654	5.072715	4.317453	4.845316	4.548103
3.590262	2.840652	2.283141	2.160419	5.69777	1.002258	3.9467	2.088477	4.201285	1.950311
4.087569	4.077986	4.626743	4.185357	4.921131	3.945135	5.073599	4.124305	5.146169	5.615508
4.462291	4.444345	4.703073	4.888934	4.743983	4.975413	5.093391	4.463774	4.612675	4.531378
3.820888	3.452497	3.293355	3.542339	4.332366	3.596514	5.380513	4.371951	4.64989	3.217385
4.126942	4.539638	3.753719	4.295982	4.441031	4.289996	4.975294	4.069451	4.573502	2.310124
5.580208	5.746843	5.675025	6.594198	5.443277	5.986859	5.101983	5.6377	4.999328	5.524771
6.684683	7.700201	8.719356	6.135874	5.437661	6.700616	6.551644	6.391736	6.710304	7.427341
3.429785	3.03756	3.826279	4.06199	4.029348	2.492053	5.456565	2.820889	4.688836	3.619389
3.728014	3.22703	3.244958	3.891389	4.347721	2.784826	4.100502	3.827486	3.984622	2.56739
5.830472	4.765463	5.745886	6.642936	5.693174	4.807856	4.655512	6.252683	7.023931	2.623216
1.914048	1.773519	1.846031	1.985392	2.329068	1.637567	2.881381	1.89052	2.671192	3.280038
3.052085	2.809003	2.867611	2.505667	3.594768	2.334859	2.737309	3.120072	3.477673	3.22693
3.437801	2.642347	2.851543	2.784933	5.686737	2.310561	2.573573	2.722733	2.748819	2.688944
4.723879	4.558511	4.194637	4.640751	3.110948	3.765883	2.46242	3.474675	2.921469	6.691163
0.780162	0.451363	0.255779	0.290819	0.201094	0.974931	0.451363	1.128752	0.316403	1.381712
4.962807	4.610527	4.899826	4.671276	5.595629	4.823246	5.382362	4.950638	5.783554	4.265437
3.740743	3.714643	4.023052	4.263758	4.486798	3.188899	5.144672	4.233494	4.188998	2.037848
4.787247	4.643911	4.936744	4.710009	5.677755	3.796104	5.972477	4.83418	5.926475	3.314099
0.237344	0.372469	0.237344	0.717098	0.659098	1.384747	0.071866	1.035531	0.158057	1.018363
1.755461	1.884031	2.659857	4.376318	1.110105	2.466851	2.338167	2.00877	1.709314	1.54109
4.25874	4.432019	4.301233	4.902087	3.876689	4.530559	3.412107	4.120034	3.592547	4.466389
4.375866	4.627832	4.394564	4.236766	6.642696	1.294129	6.228211	3.696012	6.450617	4.093004
2.641204	2.162887	1.919754	2.332389	1.917428	2.325786	1.991904	2.61679	1.649769	2.634827
2.352565	1.817438	1.897165	2.859423	2.92648	1.681997	3.763861	2.236029	3.307737	2.584427
5.789698	5.948983	6.084251	6.129945	6.72454	4.848547	7.229719	6.204538	7.270639	4.570889

2.337898	1.803055	2.232631	1.977789	3.48047	1.667459	3.149303	1.841298	3.330554	2.038072
0.499735	0.713488	0.344908	0.269385	0.782732	0.388605	0.713488	0.445112	0.892009	0.173909
4.63877	4.357744	4.190356	4.177737	4.958165	5.199045	4.92458	5.27825	4.988081	4.22526
2.694006	2.584096	2.504738	2.685747	4.182719	1.794405	4.774174	2.939017	4.324643	2.577969
3.832656	3.304423	0.837991	1.614097	0.907897	5.200237	1.960064	5.445333	0.526153	0.747405
2.577299	2.092402	1.767599	1.96801	3.502938	1.231628	2.315863	2.136759	3.12846	1.257461
0.139101	0.014424	0.014424	0.085011	0.152313	0.112308	0.191241	0.30211	0.165406	0.152313
5.614995	5.669406	5.218647	5.659162	6.283338	5.583005	5.892178	4.820647	5.885224	5.914759
7.095959	6.23862	5.811822	6.552694	5.832532	5.543459	4.851816	5.11208	4.615328	8.209088
6.260391	5.945815	6.257486	6.535136	7.433898	5.476231	6.62929	5.491193	6.923815	5.535997
5.092685	5.36833	5.417469	5.417469	4.745259	5.421857	5.694137	5.050492	4.91618	4.342778
5.008868	4.771781	4.731835	4.842791	3.700976	5.279494	3.392606	4.055074	3.819596	6.01113
2.340927	2.280158	2.238881	2.059933	3.091051	1.849749	3.661848	2.433946	3.535784	1.628663
3.532301	3.597715	3.548121	3.515135	3.487195	3.764053	3.783904	3.733213	3.409633	3.206081
0.395463	0.937239	0.365799	2.537651	1.28299	0.228668	0.91137	0.099932	0.124321	0.250744
2.781746	2.573752	0.349737	1.109416	-0.07981	4.551827	0.883502	4.00047	-0.12499	0.696289
1.40343	0.598854	0.569001	0.808481	3.221704	0.189198	1.568799	0.24121	3.20249	0.982961
4.369251	2.385085	2.050941	1.920796	5.380991	2.529648	0.899177	2.744655	3.287345	4.870439
6.6413	6.797485	7.444827	7.08872	6.836034	6.411753	6.240926	6.835867	6.602717	6.402608
3.363277	4.044792	3.728241	3.991932	3.978107	3.997117	3.450836	3.60099	3.350449	4.165514
4.451808	3.778329	3.749217	3.677831	4.162148	3.87328	4.77054	4.059076	4.149415	2.863088
3.401493	3.338652	3.345398	3.058575	3.909272	3.125934	4.396291	3.423112	4.021492	3.633844
3.209517	3.547472	3.399341	4.505111	2.924682	3.223517	4.125932	3.436326	2.910444	2.237478
2.827553	2.986498	2.650543	2.403643	4.096643	2.783073	3.768052	2.594825	2.942059	2.150385
4.916981	5.964573	6.229316	5.621942	4.101141	4.863184	5.391059	4.784912	4.261321	4.399555
3.015939	2.64083	4.316373	2.443867	2.665873	2.272501	5.000196	4.156275	2.517057	1.295482
2.339177	2.09963	2.043957	2.12487	2.50269	1.82082	2.648558	2.32112	2.259575	1.985265

CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_15	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16
0.264237	0.75258	0.935363	0.299211	1.79056	0.744388	1.267079	1.413657	0.114295	1.331896
1.28788	1.10813	0.603797	1.679913	1.26898	0.827129	1.367024	1.816242	0.997631	2.021941
6.282213	5.973527	5.435056	4.082641	5.647666	5.491488	5.626663	6.094559	4.677626	5.810368
5.066636	5.94413	4.834583	4.222992	3.10139	2.017682	2.692084	5.81249	5.161525	5.85967
1.732042	1.4532	1.63961	0.361449	1.549801	2.139439	0.658994	0.955934	0.34898	0.588252
6.1801	7.023244	7.111047	6.212493	7.540826	7.659444	7.275419	7.073994	6.83266	7.147658
6.060224	6.58856	6.113082	5.232645	5.86533	6.11277	6.889152	6.236537	5.991061	6.38036
2.528983	1.507556	1.192342	0.933865	0.163839	1.118952	0.751181	2.116245	-0.20956	1.136352
0.071566	0.186599	1.468755	0.271639	0.322024	0.219163	0.164415	0.240415	0.312106	0.083552
5.739408	5.812967	6.349695	4.186374	5.612684	5.686076	6.009521	5.623367	4.223156	5.861783
4.164082	4.719847	4.777646	4.564096	5.134609	5.469679	5.289319	4.828456	4.869301	4.873697
4.402845	4.363606	4.091045	1.705277	3.465513	3.315474	3.162237	3.645231	1.996589	2.766095
1.871772	1.985851	1.592752	2.467662	2.823779	1.8245	2.910281	2.862638	2.091948	3.285701
4.186981	4.814352	4.058059	2.54095	2.965909	3.267776	4.394884	4.093665	4.643362	4.359136
5.185572	6.107383	6.446231	3.170795	4.908691	6.486124	5.382306	4.838588	3.23289	5.26794
3.271811	3.747971	3.812022	1.692687	3.668701	4.858785	4.463661	3.978446	2.001966	3.43347
1.265734	1.641346	0.989042	0.210149	1.16769	1.638099	1.670172	2.169305	0.553349	1.143076
8.331074	8.18117	8.063093	9.605718	8.636832	8.346359	8.504944	8.630654	9.459812	8.897124
4.581816	5.719815	6.435148	3.800341	5.307829	5.868227	4.700644	4.387238	2.454523	4.081417
4.51554	4.512072	4.224227	2.035755	4.089967	5.04918	4.142743	3.917581	2.352673	3.619949
3.342468	3.37686	3.922899	2.007159	2.775359	4.493303	3.114941	3.210318	2.439294	3.45584
4.11177	3.83307	3.814617	1.915606	2.796862	3.385191	2.883905	2.937427	1.380162	3.160523
3.475311	3.424164	3.152428	1.662849	3.056621	3.416645	3.146311	3.290337	2.093511	3.06063
0.191865	0.295679	0.857192	0.805559	0.915256	0.761443	2.496331	1.300717	1.636933	0.497181
4.146297	4.046897	3.941108	3.041801	3.510916	3.665458	4.11485	3.978645	2.914721	3.472383
2.769712	3.943993	3.589677	1.065259	3.808624	5.484726	4.097289	4.187133	2.855413	3.378457
0.588574	0.414166	1.801582	1.328794	0.690605	0.667757	0.468977	0.853639	0.395373	0.620826
4.948367	4.926254	6.025738	4.227016	4.961465	4.963919	4.90962	5.054756	4.420688	4.930309
4.871238	3.473869	2.894903	2.098014	2.884361	3.804244	2.214886	3.413989	0.825251	2.301233
4.095606	4.393544	4.944486	3.675166	5.387848	4.604445	4.381416	4.401916	4.163179	4.408423
1.236951	1.949912	2.01017	2.04097	4.01802	3.401329	3.23941	2.921056	2.439365	2.739487
5.712397	5.799109	6.262722	2.645616	4.051126	5.094538	6.196015	5.06345	2.724588	4.874639
5.108468	5.13454	5.358297	4.538132	4.34637	5.006119	4.885277	4.778005	4.873801	5.064595
2.754296	3.843531	3.826165	3.359574	2.775031	3.911459	3.214598	2.815479	3.409663	3.371023
4.630776	3.855354	3.587622	4.401497	1.421381	2.745369	3.402822	3.8962	3.906212	2.441433
2.025943	2.514113	3.17896	1.689694	2.26551	3.396577	2.479968	2.31687	1.588138	2.125662
5.684671	5.210077	5.174973	6.429032	5.736331	4.977217	5.571415	5.8661	6.127501	5.743372
4.074367	3.750266	3.90235	4.252936	4.410632	3.944131	4.498684	4.492888	4.662384	4.166582
5.22295	5.471014	5.053219	3.761584	5.328747	5.051282	4.865851	4.968979	4.290862	5.437169
0.371532	0.16423	1.628157	0.322286	0.078608	0.063859	0.048966	0.063859	0.078608	0.150289
0.277581	0.201663	2.92417	1.769735	1.782856	1.474981	3.400083	1.350544	2.851706	1.220019
3.387371	2.639477	3.075462	2.846749	2.704858	1.874289	3.14689	3.224572	3.10452	2.706374
2.044486	3.000747	1.748188	3.983138	4.215177	2.210011	2.431571	3.524484	4.762179	3.580927
1.422944	1.797315	1.498569	1.584903	0.473807	1.241937	1.868814	0.614014	0.712093	0.908475
2.409848	1.585747	0.440529	1.764644	0.8438	2.280165	0.658846	2.365232	0.414627	1.467136

10.26808	10.7612	9.901478	10.34264	12.03695	10.38328	10.57592	11.78777	11.35527	11.03443
7.658961	7.046813	6.435906	2.63695	4.769345	3.716544	6.178182	6.518103	2.639676	5.653531
4.819056	4.3231	4.712983	4.617631	4.622726	4.119651	4.831881	4.864428	4.976703	5.116757
0.592231	0.618578	2.046834	0.262534	2.424662	2.44733	1.44506	1.623531	0.364472	0.412231
2.309999	0.851349	0.609168	0.332729	0.265135	0.832614	0.630934	0.897175	0.397371	0.725104
0.640428	0.941063	1.823147	-0.0458	0.291301	0.904818	0.503209	2.709079	2.207578	0.634549
2.089102	2.440637	2.719302	1.272366	2.68415	3.123161	2.58655	2.772086	0.815804	1.872176
5.203512	4.957324	5.006252	4.024891	5.503316	5.195528	5.085623	4.960197	3.629928	4.947045
4.335823	4.446004	4.539394	2.611779	4.621729	4.498384	4.962414	4.578473	2.274265	4.492732
0.290894	0.376801	0.423772	0.029448	0.513528	0.435289	0.446719	0.239506	0.029448	0.388682
0.621897	2.328614	0.472169	0.014677	2.401331	1.636102	3.014228	2.212295	1.480614	0.829631
7.542962	7.477353	6.073531	7.530466	7.585879	7.928989	7.511484	7.593752	8.554542	8.698914
9.079057	8.866351	8.856472	8.114862	8.582802	9.418593	9.16501	8.757979	8.053469	8.85544
4.654087	4.599679	4.796571	4.073196	4.858417	5.199526	3.995438	4.661629	3.779726	4.844113
1.858372	2.335827	2.414233	3.000335	1.521942	2.20104	2.648048	2.940545	0.462782	1.748284
5.246813	4.930843	5.171897	7.770769	6.413628	4.753565	5.774762	5.815037	7.594563	5.660438
1.398288	1.002847	0.662304	2.113618	4.410516	1.482712	2.811604	3.619822	4.361609	3.58101
4.198846	4.203291	4.28885	1.929507	3.580896	4.050062	3.371222	3.766486	2.301995	2.946842
1.872535	1.752028	1.418322	0.63189	0.215335	0.266252	1.835525	0.997504	3.390408	0.676868
9.10099	8.609489	7.483996	12.07052	7.970268	7.419983	7.670264	9.519878	11.40647	9.539981
3.50537	3.893763	3.958352	1.365387	2.805193	3.941695	2.931046	2.903138	1.867415	2.229715
4.112238	4.430461	4.502149	3.65394	4.346624	4.862792	4.157063	4.184139	4.048319	3.673986
0.863068	0.340751	1.281332	1.796213	1.709308	0.741878	0.757174	0.757174	0.340751	0.821021
5.757685	5.542504	5.52262	3.414574	5.081752	7.013249	5.262777	5.674229	3.328309	5.396304
4.956543	4.124032	4.12261	2.331074	3.49101	3.754515	3.504285	4.0353	2.206676	3.475885
2.585995	2.041218	2.684379	2.293217	2.889404	3.449032	3.395149	3.498619	4.311543	2.777874
2.981036	2.501526	2.387604	2.508412	3.792113	2.84744	3.12346	3.474523	2.953908	3.19802
6.490468	5.230963	5.274353	2.994742	4.092019	3.810935	4.320129	5.710734	2.678934	5.191947
5.874256	5.093593	4.076855	5.544446	5.236689	3.800779	3.308983	6.324976	4.581943	5.047229
5.060255	4.588061	4.655973	1.261501	4.490876	4.506684	1.52869	4.527111	2.345788	2.03726
2.330428	2.59709	1.730465	4.255837	4.008776	1.696943	2.959434	5.225179	4.861333	4.253733
2.970826	3.789981	3.710432	1.936736	2.737372	3.873008	3.681495	2.710544	1.957075	3.179557
3.198372	3.435613	3.279206	1.927051	2.738329	3.566279	2.533017	2.547354	1.327083	2.231527
4.60166	3.846694	4.106938	1.94376	4.165561	3.036754	3.390867	3.65533	1.728275	2.998638
2.866831	3.147308	2.790355	0.525335	2.134721	0.943886	2.980513	2.510547	0.63754	2.092753
3.332224	3.393406	4.50499	3.667852	4.39936	3.718374	3.976539	4.017449	5.036053	4.546365
7.380625	7.048345	7.519237	8.762023	8.169348	6.878285	7.66898	8.008808	8.763224	8.207887
2.497908	1.648107	1.631642	0.498065	0.808407	1.652189	0.689903	1.022742	0.538891	1.114256
4.750153	4.973897	5.237884	6.26078	5.902739	5.00691	5.526162	5.474498	6.322759	5.846855
1.230931	0.461675	0.801564	1.025003	0.479603	0.180874	0.267433	0.737362	1.007278	0.622823
3.842182	4.055011	4.355004	1.703199	3.153338	3.626338	3.128408	3.300601	2.074644	3.237391
0.686819	2.965698	3.943372	2.853797	5.554352	-0.07881	3.184541	2.429845	2.347244	4.335631
2.511957	2.47936	2.779563	1.591696	1.857861	2.711418	2.784068	2.154231	1.779227	1.98317
2.618776	2.863854	3.455162	3.828089	3.350569	2.938368	3.548258	3.74903	4.478987	3.358482
4.079315	7.356798	5.957319	2.701071	6.654448	5.856772	6.186931	5.113997	4.556759	4.246569
0.207691	0.325464	1.886436	1.459649	0.182878	0.423482	0.782357	1.41433	0.182878	0.291178
2.204585	2.520567	2.155623	5.068665	4.225773	2.524652	3.693718	4.319127	5.624081	3.974968

0.50005	1.862368	0.4192	0.539019	3.152313	0.884703	0.228925	1.098478	0.94584	0.348621
3.2746	3.958854	3.944247	2.096892	4.865465	3.562708	5.351671	5.45063	3.647797	4.709943
2.082581	1.229227	2.032571	2.112043	3.018953	2.140725	1.515979	2.563561	2.331357	1.963601
4.261866	3.924001	3.666581	4.00309	3.973102	3.710196	3.50159	4.179358	3.711436	3.774055
3.589686	2.706406	3.271358	1.994524	3.952465	2.946882	2.819273	3.253913	1.702262	3.429902
6.005851	7.04873	6.343193	3.59893	5.326948	6.978882	6.812716	6.056659	3.747673	5.461832
2.541369	2.225142	1.649632	1.38584	2.803602	1.425882	3.567681	4.188573	0.635516	3.728152
5.2196	6.956964	7.110881	7.092426	6.490483	6.809713	7.670844	5.857013	7.170204	6.855962
2.458251	3.960037	4.197919	1.616993	2.567929	4.699889	3.684811	4.005145	1.470994	2.555976
2.170685	2.331917	2.173903	1.75246	2.237809	3.272556	2.04069	2.078213	2.136312	2.203992
3.889279	4.438562	4.679578	1.461849	4.104688	4.926496	3.74084	3.73281	1.658854	2.982728
0.194105	0.149655	0.474462	0.119311	0.862826	0.833873	0.412087	0.498737	0.722924	0.208648
8.893085	8.712615	8.455278	7.66513	8.425781	7.578985	8.55357	8.70349	7.660488	8.808304
5.264827	5.155749	4.777748	3.203316	4.519535	5.707288	4.586743	4.819091	3.068315	4.641158
2.752782	3.530302	3.090524	1.439321	3.430609	3.912437	5.029073	2.953441	1.527962	2.98309
0.974706	1.38436	1.30835	1.760362	0.580389	0.967554	1.227847	2.805095	0.690172	0.767067
4.984033	5.255459	5.396863	2.466872	4.562962	5.357032	4.640266	4.618842	2.469588	4.090127
1.46813	2.327329	1.378493	0.811296	2.696158	1.834332	3.207112	0.991656	1.450644	1.70769
3.535399	3.368081	3.181117	1.484438	2.708435	3.149572	2.747444	3.351829	1.575319	2.36796
3.205039	3.605937	3.691829	2.031535	3.261288	3.872676	3.285354	3.268565	1.416587	2.914067
0.557936	0.329489	0.181072	0.252603	0.159833	0.011882	0.181072	0.814105	0.654239	0.366176
0.073436	0.073436	0.08415	2.410991	0.029523	0.040664	0.029523	0.146367	0.962062	0.08415
3.126142	3.967118	4.385524	1.553783	1.731627	5.308128	3.012065	1.977731	1.775307	3.873518
2.19508	3.910071	4.387368	1.732889	1.713626	2.040304	5.06723	2.501412	2.724525	3.735323
3.088267	4.415493	2.642395	1.473749	1.861807	2.838052	3.956801	2.57882	1.521897	1.904091
3.043717	3.535398	3.763808	2.15229	2.775816	3.049827	3.084305	2.651331	1.34969	2.834944
4.272885	4.285085	4.065534	2.311801	3.993131	4.526619	3.704671	4.924942	2.508884	3.777378
7.129845	7.128669	6.834332	6.733557	6.677826	6.637846	7.316639	7.039919	6.377063	7.335084
0.156902	0.366341	0.01857	1.179027	0.01857	0.044819	0.044819	0.095807	0.01857	0.108254
0.996616	0.871613	1.744265	1.465039	0.889411	1.065021	0.958177	2.725087	0.584153	1.554825
3.466483	3.694174	4.189869	1.745321	2.352047	2.77092	2.752012	2.941093	1.143997	2.131468
7.949004	6.836877	6.85886	4.907664	7.69662	7.954435	6.152973	7.770534	4.860314	7.187475
0.32099	0.121487	0.291629	0.245903	-0.00051	0.009424	0.328197	0.085513	0.602709	0.067027
1.376432	0.554918	1.90896	0.401156	0.819899	0.740012	0.990441	2.36043	0.133784	0.412711
4.901375	5.16572	4.925605	2.742714	3.679598	5.104216	4.166739	4.044021	2.671325	3.29326
6.277208	5.411235	5.48152	6.338973	5.517698	5.272048	5.79895	6.145981	6.428674	6.015103
5.227137	5.047337	4.467465	5.353372	5.63332	5.487001	5.224034	5.601305	5.349579	5.161265
4.829595	4.788861	4.607487	3.657141	3.784834	4.377308	4.620021	4.282063	3.698761	4.231712
4.469779	4.957267	4.907804	2.417459	3.967042	5.662516	4.544233	3.955176	2.351936	3.900803
1.093293	1.172785	1.135342	1.438704	1.316426	1.261191	2.051949	1.337768	1.572536	1.004063
5.594362	5.244977	5.028026	3.057572	5.676723	5.15582	5.133755	6.02372	3.810184	4.787762
0.31069	0.015591	0.046974	0.93912	0.046974	0.004922	0.004922	0.057235	0.425268	0.015591
6.018087	5.8979	5.395874	3.16871	6.285402	7.227571	6.602032	6.606854	3.136088	5.993128
4.540152	4.463269	4.47602	2.415433	4.288845	4.744778	4.42842	4.57372	2.318051	4.459235
4.63921	5.041605	5.193366	3.720168	4.369827	5.383534	5.064885	4.822781	3.950214	4.430709
3.367556	3.61498	3.23079	0.588787	2.461305	2.823146	2.458743	2.412808	0.621736	2.5221
4.545538	5.449408	5.717092	4.760547	5.194284	7.285999	5.834126	5.959263	4.892759	5.746733

1.33391	3.41513	3.857965	2.142649	2.468244	2.997523	3.271031	2.743077	2.010694	2.515967
1.414282	0.33745	0.232011	1.956139	0.025018	0.001022	0.001022	0.636876	0.001022	0.060145
2.78618	4.123511	5.078322	2.895462	4.876778	4.46091	4.487716	4.209632	2.600811	3.942782
0.323226	0.263195	0.232732	0.232732	0.579686	0.411121	0.263195	0.606899	0.232732	0.496563
0.694869	0.168875	0.168875	0.021264	0.063073	0.103682	0.456183	0.497184	0.021264	0.206596
6.729794	6.222262	5.376545	5.530701	6.030694	5.455372	6.954971	6.392377	5.167255	7.143306
4.001467	4.213202	3.912586	2.868531	3.577903	4.342963	3.673148	3.232291	1.850901	3.535004
3.40925	2.528162	3.400314	0.698886	1.822642	2.122975	3.118434	3.004733	0.690839	2.269259
1.673887	1.774071	1.575677	0.632953	0.987671	3.444324	2.032042	1.544725	0.643352	0.752618
6.711038	7.053479	6.74156	6.003471	7.674637	7.236033	7.304123	8.049472	6.85057	7.559347
0.255733	0.000439	0.036611	0.106875	0.000439	0.207449	0.000439	0.106875	0.054432	0.089561
1.647906	1.72897	2.596553	0.850107	2.450921	2.321722	2.752625	3.510652	2.326121	2.123541
2.260583	2.7045	2.911277	3.418914	2.83334	3.213185	2.82162	2.83334	2.873401	2.844935
6.348835	6.452205	5.695746	6.043121	6.71983	6.381594	6.608344	6.489299	6.75673	7.157695
0.946737	0.436967	0.211488	0.49491	0.513674	0.78251	0.33437	0.841973	0.386663	0.456565
0.149979	0.228133	0.381061	0.126742	1.892521	1.454245	0.16144	0.473709	0.066732	0.149979
3.909812	4.583272	5.147291	2.30963	5.127465	5.778713	4.911645	4.770012	2.750807	4.656328
7.244739	6.628063	5.767663	3.832061	4.852557	5.545948	5.562066	6.218591	3.303019	5.666994
0.267024	0.047036	0.205027	1.126304	0.047036	0.034942	0.010393	0.034942	0.400657	0.094268
8.706355	9.289697	9.584206	10.97632	9.972156	10.02933	10.34234	9.682653	11.08378	9.979493
3.782453	4.58787	4.998799	4.666375	4.803861	5.098156	4.8922	4.551854	4.362894	4.812549
1.151342	1.045528	4.045835	1.406551	0.54648	0.773063	3.357163	3.884017	0.585312	1.443152
6.498766	6.646425	6.902402	9.792381	7.711257	7.133493	8.173912	7.264039	9.315053	7.743738
3.563054	3.714628	4.027223	2.14865	4.436324	3.88836	4.288853	4.113187	2.256338	3.755771
3.924349	3.366478	3.511366	2.286412	3.151129	3.780875	3.099548	3.677976	2.049391	3.489778
0.953454	1.127496	0.748072	1.373829	1.211591	1.123125	1.57932	1.558561	2.192301	1.448706
0.146184	0.100874	0.981975	0.022485	0.161015	0.116116	0.069963	0.116116	-0.0264	-0.0264
1.37839	0.858049	0.556199	0.26857	0.306174	0.203701	0.908402	1.115987	0.242961	0.832217
5.004926	5.26995	4.893603	2.545984	5.101271	5.77088	5.303593	4.944634	2.874005	5.361045
3.116165	4.357676	6.586286	1.819789	2.218677	4.35271	6.798511	3.924226	2.330185	3.079266
0.946081	1.792812	1.066468	4.126579	2.98215	1.613476	2.826454	2.976965	5.417762	2.96441
6.119319	6.46156	5.99911	4.736152	5.866378	5.574397	5.044158	5.221521	5.198204	5.633864
0.403378	1.600075	1.303019	2.849162	0.684638	0.200777	2.106223	1.893192	2.868909	1.320609
5.376345	5.934973	5.611734	2.37919	4.408157	3.697708	5.923923	4.465767	3.076285	5.142275
0.43982	0.288316	0.935697	4.14127	2.088669	0.13356	1.168402	1.562911	3.381171	2.036477
3.248198	2.991051	3.064342	3.188938	3.717523	3.337538	3.397053	3.616814	3.336556	3.782378
0.981903	0.828424	2.17968	0.733886	4.14544	2.881019	1.688583	3.134396	0.25781	1.227367
0.247362	0.20613	0.771992	0.372317	0.267457	0.267457	0.603913	1.144989	0.247362	0.581139
3.879217	4.208404	5.397218	3.697242	4.818664	4.439518	5.738417	4.307636	3.2909	5.146848
6.010688	6.160042	6.213085	3.574497	5.437421	5.971314	6.192086	5.646545	4.287916	5.812381
0.605903	0.523411	0.394071	0.504339	1.396657	0.780021	0.840613	1.199812	1.124912	1.070382
5.863429	5.243142	5.295426	1.94368	5.595433	5.360204	6.220357	6.670937	1.961129	5.040323
6.227862	6.868621	6.627887	5.469664	6.358353	7.088548	6.562105	6.318405	5.213286	7.078489
0.964094	0.433046	0.196024	0.414887	0.151874	-0.01587	1.274534	0.909349	-0.01587	0.387155
3.382486	3.14084	2.605306	3.668337	3.112681	3.016451	2.669459	3.022024	3.645124	2.948138
1.9089	1.841781	2.552471	0.600727	3.519704	2.030078	2.659367	2.979682	1.009872	2.22452
2.570055	2.888622	2.262248	1.006187	2.402107	2.173345	3.402614	2.663243	1.798307	2.783941

4.501075	4.691018	4.400449	2.322058	2.531831	2.911232	3.973494	3.491484	2.095378	3.761638
1.959819	2.629858	2.266273	1.988535	2.200809	1.146134	2.564346	1.991688	1.866237	1.660377
3.831046	3.733293	2.569665	1.382577	1.183843	3.300604	2.697175	2.16435	1.219123	2.760618
3.548078	3.610669	3.835222	3.026309	3.721485	4.765432	3.382166	3.466165	2.726914	3.241678
9.497036	9.563848	9.590834	9.514908	10.2191	9.653782	10.27739	9.983315	10.14588	10.27016
4.685425	4.950516	4.415343	3.606035	4.77327	4.646216	4.910903	4.509957	2.803552	5.203587
2.989971	2.92749	2.621978	1.81818	4.26562	4.107487	4.016869	4.163317	2.916797	3.590398
7.913409	7.329252	8.505468	8.684315	6.773933	6.378515	7.54129	6.346313	6.837404	7.177809
2.660217	3.452278	4.507727	2.823046	4.30579	3.730995	4.657616	3.646169	3.057894	3.451711
4.068664	4.13253	4.301982	1.598646	3.044811	4.111317	2.773873	2.709438	1.229914	2.593876
2.541896	1.484276	0.764407	0.503509	3.669503	2.153284	1.561253	2.391257	0.544728	0.819973
3.80214	3.684929	3.428435	1.644159	2.61604	3.883538	3.024009	2.814225	1.583386	2.837552
4.283939	4.191115	4.083424	2.333614	3.63954	3.581879	4.410726	4.021628	2.303901	3.975069
3.673164	3.694977	3.636407	2.041736	3.169066	3.673164	3.212442	3.361936	2.058769	3.096673
2.769456	2.204989	3.777185	0.742405	1.610156	4.278995	1.414509	1.903681	0.626009	1.587425
2.715923	3.14252	3.885075	1.688687	3.686378	4.168903	3.43942	3.581869	1.816846	2.740363
1.853921	1.886917	1.596636	0.815314	1.355525	1.355525	1.769758	1.859491	0.94582	1.0208
4.026373	3.131859	2.93997	4.124211	2.966061	3.314538	2.916292	2.617456	1.79704	2.247669
4.93553	2.462773	4.651809	6.034975	4.313709	2.825565	3.413309	3.490255	6.080801	3.688827
3.405702	3.585206	3.814465	4.855483	4.367598	4.131826	4.520874	4.569554	4.99169	4.772289
0.897616	1.171418	2.329829	0.40479	3.253272	3.53974	1.732919	2.916796	0.946274	0.973287
4.824896	4.904287	4.661268	4.594117	4.252848	4.600591	4.62841	4.801637	4.487749	4.62186
3.345997	3.821337	4.333525	1.7124	2.686101	5.635176	4.494202	2.168183	2.787806	3.621065
4.535238	5.195282	5.080715	4.428817	4.53053	5.350095	5.198925	4.699495	4.174651	4.55108
5.022687	5.163186	5.360287	4.721743	4.491106	5.054915	4.448858	4.577008	4.429172	4.505483
6.208848	5.983651	5.874114	2.718571	3.964228	5.647371	4.285506	4.500825	2.89538	4.056827
5.255161	6.014113	5.4735	2.646266	4.603353	4.079902	4.718343	4.430453	3.189599	4.963088
4.608926	5.017944	5.245906	5.905741	5.842488	4.984232	5.441844	5.404804	5.893497	5.836978
6.871972	6.237862	6.272184	6.65349	6.943472	4.18824	4.701639	6.794121	6.736393	4.639897
3.002789	5.319136	5.97656	3.123461	1.393542	3.619389	4.470757	2.125996	1.874287	3.74727
3.78472	3.987569	4.125338	2.500803	3.556015	4.896139	3.499279	3.493435	2.611364	3.710967
6.161084	7.007757	7.061146	4.91021	6.066857	6.052801	5.92006	4.901755	3.657159	6.645189
3.080755	3.68033	3.725958	1.245961	1.878565	3.574442	2.375907	2.105788	1.315037	1.77792
2.617346	2.928484	2.594953	1.840594	3.353239	2.925091	3.18428	3.248964	2.4455	2.978224
2.783615	3.282676	3.637171	2.14224	3.97528	3.82508	3.445392	2.938024	2.592304	2.630407
2.079037	2.548065	2.286297	5.014558	3.657408	2.103505	2.975492	4.663915	6.55622	3.647291
1.341591	0.246847	0.143627	1.394774	0.405549	0.365898	0.264641	1.215712	0.495392	0.509696
5.473039	5.243951	6.225664	4.019168	5.045489	7.186521	5.181692	5.3204	4.116016	5.315201
4.6734	4.978867	4.676427	2.278888	4.108234	5.070209	4.900409	4.398431	2.28186	4.47243
5.706511	6.057707	6.481724	3.486176	5.298129	6.198781	5.701815	5.29299	3.756195	5.379078
0.379095	-0.02254	0.303652	0.310753	0.025785	-0.02254	1.384747	0.430564	0.848783	1.226853
2.017445	3.157381	2.801971	2.817936	0.632281	0.264446	4.829767	1.722683	3.580571	3.285285
3.405757	3.224945	3.684657	4.813258	4.196733	3.727754	3.673468	3.690446	4.900047	4.038422
2.984115	5.521464	5.017667	3.864373	3.882926	6.495834	6.539385	3.708964	4.790318	4.949388
1.812862	2.223899	2.285381	2.273335	1.464298	1.256913	1.602244	1.980913	2.34874	2.153365
3.546569	4.142662	4.242609	3.32627	2.930795	3.779955	2.797433	2.834454	3.171918	2.188949
6.622269	6.755664	6.962233	4.683075	6.851804	7.95492	7.109463	6.923177	4.403537	6.399533

3.660253	3.379999	4.097325	1.476959	2.881012	3.516577	3.130511	3.125331	1.841298	2.358508
0.713488	0.431167	0.665644	0.173909	0.793994	0.486249	0.591152	0.565549	0.173909	0.849169
5.523863	5.037135	4.697205	3.520952	4.981275	4.490952	4.446355	4.958165	3.640597	4.725639
3.824621	4.357374	4.29483	1.98698	3.597462	4.59226	3.985086	3.730836	1.942136	3.367586
6.943554	4.555041	3.398636	1.8655	0.536121	1.440733	0.922959	4.916681	1.091866	3.439843
1.847584	1.95679	1.916653	0.723305	2.271425	2.785475	2.39418	1.925369	1.652926	2.04107
0.712371	0.382826	0.5718	0.712371	0.191241	0.325635	0.043073	0.469874	1.059995	0.028819
5.383047	5.496879	5.727909	5.440442	6.027921	6.289892	5.602667	5.666072	5.29798	5.87531
4.158065	4.562896	3.72222	7.119764	7.724779	4.44501	5.101556	6.746667	7.675309	5.609419
6.388103	6.532152	6.881887	5.086425	6.712066	6.94946	7.562045	6.877482	5.625579	5.992981
5.499441	5.825311	5.846327	3.76156	5.456648	5.73955	6.8428	5.912873	4.052178	5.729199
3.857509	3.405003	2.89184	6.100239	3.977015	3.19448	3.392606	4.138286	6.241183	4.285107
3.033298	3.433914	3.71494	1.579705	3.433914	3.42279	2.983567	2.979788	1.528356	2.706882
3.930214	3.270119	3.965804	3.348291	3.586855	3.140285	3.036604	3.481298	2.868581	3.653815
0.4052	0.57739	1.202306	0.498704	0.136344	0.385651	0.355757	0.17175	0.758923	2.458189
3.545517	1.065182	0.372399	2.384127	0.150343	-0.10218	-0.09094	2.842033	0.707527	1.182033
0.675437	0.588975	3.039982	0.656687	4.717034	4.923014	2.735802	3.37437	1.019714	0.598854
1.89539	1.926585	1.464183	3.929225	1.253063	2.886876	2.957623	2.77772	6.524613	3.451046
5.777439	6.537084	7.149708	6.0558	6.55378	6.5373	7.321303	6.499064	6.211897	7.131753
3.195697	3.532292	3.318734	3.407959	3.922918	3.453304	3.629049	3.834135	3.363277	3.824182
5.760433	5.343432	5.072679	2.659383	4.264899	4.456145	4.492337	4.926273	2.430189	3.896702
4.319287	3.976369	4.482595	3.267641	3.833352	4.589979	3.714386	3.542581	3.029061	3.355911
2.874738	2.801277	3.666653	2.135358	2.402097	2.885432	3.291091	3.182028	1.95117	4.360962
4.012406	3.413003	4.162296	1.026326	3.078863	4.638829	3.614648	3.654247	1.605877	2.663565
4.99998	5.383851	3.90247	5.377295	4.069433	2.878101	4.287932	4.553485	4.814019	4.528507
4.820704	5.960608	5.507966	1.508609	4.30794	5.066292	4.590003	3.990239	1.612653	2.117655
2.658126	2.587272	2.804049	2.146482	2.448574	2.560502	2.191389	2.462359	1.992337	2.14342

CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16
0.3665	0.942458	1.00465	0.481622	0.481622	0.240398	1.018082	0.501519	0.57824	0.540435
1.300342	1.210747	1.150058	2.151256	1.785567	2.137449	2.586678	1.776682	1.204129	1.086698
5.463098	5.668125	5.785707	6.013042	5.708329	6.138681	5.980284	5.162866	5.314473	5.090653
3.267819	3.502182	3.587226	5.982921	5.007811	4.63202	3.256391	4.175623	4.187271	3.792901
0.567299	0.629154	1.009354	0.649125	0.816068	0.678507	0.762807	0.619051	0.707229	0.639178
7.163712	7.167479	7.240538	7.03338	7.191497	7.099861	7.012882	7.097984	7.018346	7.13011
5.678472	5.839182	6.3435	6.021686	6.357307	6.685457	6.01769	5.701727	5.801418	5.706455
1.660971	1.164722	1.320439	2.245189	0.306885	0.898353	1.771486	1.027317	1.731604	0.185514
0.095425	0.164415	0.009871	0.186599	0.071566	0.250909	0.229834	0.071566	0.141834	0.009871
5.25799	5.600431	5.804796	5.563836	5.78824	5.390883	5.830056	5.146732	5.100219	5.219745
5.144685	5.023423	5.130239	4.959117	4.996	5.269987	5.224777	4.995677	5.197821	5.155761
2.501892	2.520064	2.802599	2.81055	2.662423	2.310967	2.772263	2.329472	2.253522	1.731829
1.890689	1.367671	2.520199	2.076069	2.520199	3.72401	2.182904	2.648262	2.7786	2.472538
3.455617	3.748949	4.058494	3.86	3.31167	4.316688	3.310841	3.125164	3.431213	1.706628
4.103825	4.149504	5.102798	4.215342	5.111026	4.90345	4.716825	3.915903	3.701857	3.560333
2.906558	3.194737	3.346254	2.958468	3.522738	3.344991	3.108564	2.881577	2.408087	2.819556
0.285284	0.722143	1.049892	0.771094	0.663556	1.455383	1.04449	0.561576	0.449798	0.221184
8.754473	8.79997	8.429789	8.335254	8.75378	8.550369	8.7046	8.938522	8.9752	9.383403
3.892075	4.413864	4.789016	3.799162	4.309543	4.059969	4.443271	3.482027	3.672056	3.644054
2.818269	3.517122	3.882602	3.342041	3.536213	3.486523	3.704045	2.600747	2.517048	2.332573
2.75953	3.015219	3.458518	3.067612	3.537413	3.365198	3.241694	2.558317	2.701169	3.002735
2.252808	2.919869	3.03205	3.096865	3.476818	2.68081	3.212839	2.189603	2.386181	2.569641
2.833188	2.848055	2.731856	2.922378	2.908556	2.609141	2.952445	2.746441	2.641722	2.370349
0.857192	0.086528	0.280328	0.149188	0.232955	0.131645	0.000365	0.628766	0.471477	0.376494
3.345645	3.370542	3.368719	3.553254	3.631342	3.175475	3.446652	3.201857	2.763193	3.088043
2.001076	2.380219	3.260734	1.83347	3.162414	3.489394	3.044131	2.393133	2.443427	1.448045
0.813031	0.778199	1.107229	0.495543	1.139748	0.423463	1.319498	0.931252	1.392079	0.937517
3.854676	4.614468	5.577676	4.728981	5.162683	5.703998	4.930056	3.683373	4.151263	4.817528
2.434596	2.289772	2.552334	3.492947	1.72478	2.901559	3.035366	1.917854	2.189957	1.042793
4.564292	4.350303	4.47314	4.329184	4.6182	4.238235	4.432662	4.360899	4.453954	4.652995
1.724513	2.69949	2.619907	1.357205	2.434387	3.508803	3.093763	2.419337	2.483324	2.772537
3.692488	4.23943	4.003411	4.959719	4.924128	5.036325	4.912246	3.403434	3.539874	3.622853
4.667238	5.163504	5.246513	5.271497	5.254012	5.430316	5.398525	4.632861	4.876403	5.163216
2.903751	2.355147	3.43276	2.527616	3.822662	3.230315	2.901898	2.881328	3.021947	3.217471
4.079384	2.849587	1.752041	3.577813	2.264814	2.064924	2.909563	3.004089	4.038758	2.768323
1.393151	1.745616	1.905545	1.588138	1.982731	2.1046	2.183728	1.592961	1.607306	1.737193
6.461745	5.734083	5.50989	5.811777	5.69748	5.475299	5.825213	6.337232	6.358243	6.152586
3.982727	4.13158	4.422442	4.232422	3.914218	5.06055	3.871783	4.096309	4.099137	3.943585
4.506341	5.042523	5.384055	4.644561	4.908737	5.107233	5.306607	4.65266	4.330849	4.594644
0.033927	0.018737	0.078608	0.048966	0.048966	0.107686	0.271397	0.018737	0.093216	0.033927
1.304712	0.503146	0.2307	0.408106	0.666556	0.171903	0.731182	0.895501	0.890005	0.366161
2.9901	2.277344	2.347744	3.172273	2.079461	2.785649	2.862912	2.83449	3.120986	2.189152
1.95713	3.21366	2.356886	2.030369	2.665789	2.487441	3.286654	3.240192	2.807249	3.238498
0.635766	0.506516	0.984634	0.850721	0.42288	1.426494	1.060867	0.546102	0.919677	0.294192
1.678491	0.700922	1.255459	2.058622	1.281361	2.094107	1.589067	1.014938	1.647304	0.324057

10.53223	10.83737	10.23044	10.77135	10.8851	11.01218	11.07655	10.92009	11.05126	10.64365
5.421696	5.094275	5.60664	6.39514	6.247023	6.557334	6.184556	4.846003	4.980617	4.108993
4.937238	4.3999	4.637603	4.541468	4.549984	3.697265	4.845759	4.686667	4.663294	4.465802
0.480333	1.087592	1.441889	0.509348	0.675733	0.11077	0.516488	0.356315	0.793379	0.404408
0.459307	0.609168	0.851349	0.471389	0.471389	1.771139	0.609168	0.459307	0.609168	0.251237
0.448722	0.384003	0.509833	0.94551	0.719578	0.32308	0.8186	0.233369	0.398719	0.361552
1.205533	1.616279	2.165307	1.702093	2.050255	1.872176	2.024509	1.180147	1.351748	1.079133
4.580789	4.530689	4.501592	4.763974	4.928791	4.552199	4.680276	4.535127	4.539055	4.283444
3.861478	4.186359	4.016698	4.312468	4.541118	4.418672	4.341173	3.823285	3.850273	3.649894
0.029448	0.029448	0.029448	0.029448	0.088396	0.117024	0.226379	0.117024	0.102778	0.029448
0.309264	0.210224	1.994185	0.260755	1.360209	3.216856	0.485948	0.301313	1.399539	0.277141
7.81885	8.710464	6.173491	7.479198	8.280261	7.833048	8.129157	8.068165	7.98924	7.819604
8.840316	9.009424	8.665502	8.631601	9.024213	8.630982	8.806917	8.882221	8.827301	8.798454
4.667912	4.269589	5.106503	4.750278	5.264141	3.702392	4.695015	4.223068	4.53292	4.622596
0.961089	0.930405	1.422327	0.991019	1.143671	2.104103	1.448003	0.622786	2.721763	0.571749
7.295866	6.561018	5.746704	6.177172	5.873571	5.678492	6.058277	7.335494	7.30844	6.75976
1.657378	1.930902	1.323375	2.287912	2.184463	2.593399	3.076676	3.6581	3.875627	1.875803
3.146992	2.771776	2.814159	3.120664	3.223454	3.418591	3.067384	2.849416	3.008086	2.853058
1.561066	0.720081	1.316302	1.773955	0.177468	1.405759	1.071812	1.026406	1.418322	0.626777
10.23295	9.842764	8.858062	10.02988	9.769361	10.49298	9.773714	10.66913	10.53845	10.73578
1.890678	2.264792	2.822187	2.428548	2.439772	2.893187	2.647051	1.909665	1.859541	1.536558
3.328098	3.439299	3.722794	3.270003	3.737462	4.096082	3.597774	3.467371	3.326871	3.962096
0.427171	0.72113	1.446634	0.801783	1.100083	1.136075	0.569318	0.37762	1.612369	0.699968
4.868571	5.059952	5.250493	5.241434	5.542883	5.254605	5.403343	4.79897	4.780528	4.344153
3.329677	3.428358	3.437151	3.893842	3.310225	3.105133	3.720368	2.983228	3.065549	2.959318
1.615188	2.289597	2.120747	1.798865	2.503601	2.894945	2.994675	2.591673	2.335846	1.793439
3.01417	3.455721	3.553367	3.033218	3.135406	2.78764	3.081296	2.782408	2.933304	2.689079
5.145911	4.165744	4.547372	5.74002	4.104513	4.878088	5.214159	4.61675	4.744645	3.603551
6.929206	5.285047	6.032546	6.147821	4.865396	6.01259	6.127348	6.31335	6.063568	4.613289
2.187805	1.55525	2.069506	4.422759	1.951022	2.481476	2.407244	3.354332	2.478896	1.228113
3.648877	3.80361	3.60586	3.388352	3.939152	3.694693	4.060656	4.083398	3.812463	4.27131
1.459269	1.857277	2.948729	1.642257	2.551362	3.526863	2.487886	1.068456	1.234656	1.648774
1.88957	1.963234	2.524734	2.055103	2.394279	2.11215	2.368048	1.601412	1.69281	1.697407
2.844624	2.727287	3.229803	3.14649	2.983345	3.227083	3.241958	2.34697	2.634112	2.430643
1.903718	1.556658	2.074054	2.211745	1.92031	2.421462	2.249172	1.568349	1.65378	1.052322
4.0362	4.32494	4.830392	4.190409	4.968179	4.220003	4.348932	3.958474	4.041406	4.6845
8.834392	8.451391	8.042272	8.114384	8.25648	8.172679	8.18596	8.923837	8.877651	8.869338
0.689903	1.009097	1.075863	1.05621	0.981346	0.724938	1.126793	0.487644	0.733543	0.518647
6.297092	6.057722	5.789769	5.550118	6.019595	5.290199	5.72933	6.344315	6.159964	6.613677
0.622823	0.41575	0.557373	0.914858	0.914858	0.598661	0.766286	0.677524	1.865945	0.497289
2.628893	3.029836	3.260678	2.840498	2.998164	2.958316	3.046403	2.496133	2.455591	1.895703
4.029024	4.37985	5.981991	3.418713	4.437088	1.015146	4.007076	1.889253	4.250198	3.582117
1.306389	1.702504	2.672505	1.510049	1.570756	2.325834	1.612268	1.24104	1.478472	1.368281
3.637095	2.896952	3.499326	3.05122	3.251181	3.654995	3.215591	3.602116	3.512021	3.615372
5.292561	3.025737	4.267371	4.941318	2.8903	5.826124	2.965148	3.755647	3.926907	3.222127
0.051625	0.051625	0.971298	0.19534	0.078896	0.464901	0.244093	0.051625	0.464901	0.118815
3.617971	3.741772	2.609925	3.14617	3.631336	3.54458	4.149182	4.866131	4.520591	4.362588

0.334131	0.446598	0.446598	0.244376	0.213325	0.526133	0.446598	0.348621	0.513143	0.831943
2.525891	3.674183	4.434201	3.182749	4.612799	4.326728	4.502891	3.236732	3.373274	3.832011
2.430286	2.644094	2.914554	2.545116	2.879997	1.481067	2.93946	2.181134	2.808778	2.912663
3.805238	3.651656	3.925536	3.918867	3.775226	4.040633	3.924001	3.326505	4.091165	3.852082
3.344006	2.367045	2.866144	2.959462	3.536641	4.246072	3.521511	3.061571	3.178935	2.782971
5.024502	5.581379	5.162031	4.960999	6.303765	5.544932	5.772259	5.435096	5.482578	5.238728
0.997728	2.491235	2.877236	2.997163	2.617826	4.309777	3.893399	2.426853	2.787194	2.943576
7.018558	6.99289	6.374712	6.659648	7.004121	7.339202	6.891337	7.665536	7.223678	7.407105
1.1042	1.257148	4.734793	2.340615	2.171039	2.084233	1.383698	1.393698	1.612807	1.116639
1.551609	2.503223	2.299553	1.681157	2.456123	2.088696	2.431143	1.229496	1.531339	2.661152
2.461905	2.351099	2.905178	2.737238	3.105059	2.762454	3.061549	2.508185	2.232417	1.779803
0.072671	0.149655	0.072671	0.072671	0.149655	0.320402	0.134556	0.103917	0.208648	0.072671
8.332742	8.491016	8.270907	8.846298	8.953238	9.067712	8.830119	8.412372	8.037248	8.226893
4.070916	4.086063	4.119296	4.47158	4.636079	4.31818	4.699174	3.85949	3.896791	3.212671
2.213589	2.481168	2.738953	2.249674	2.948428	2.392171	2.926468	1.842037	2.015235	2.686177
0.429416	0.197947	0.672478	0.636386	0.589884	0.698933	0.839854	0.247494	1.090871	0.120074
3.977458	3.153583	3.377789	4.096245	4.271115	4.316316	4.262588	3.54559	3.830133	3.244441
1.249555	1.408998	2.463971	0.950722	1.062521	4.173294	2.015473	1.59555	1.788719	1.408998
2.238754	2.461185	2.804543	3.054439	2.289609	2.454435	2.821315	1.924543	2.215561	2.041875
2.180893	2.532721	2.63902	2.656459	3.007932	2.786456	2.739568	2.050925	2.132238	2.361469
0.159833	0.170499	0.329489	0.201944	0.222463	0.181072	0.170499	0.242639	0.647097	0.093787
0.527401	0.029523	0.029523	0.040664	0.126009	0.63019	0.040664	0.062618	1.757424	0.040664
2.038241	3.376827	3.653346	2.890763	3.875633	2.211841	3.386411	2.313676	2.168546	2.224529
4.174785	4.356601	3.415653	3.491627	4.559778	2.724525	3.963424	4.355885	3.849328	4.10794
1.605958	2.267163	2.082186	2.123281	2.076961	2.662941	3.139443	2.225579	1.830776	1.973647
2.072881	2.346219	2.94266	2.464706	2.74802	2.475098	2.869655	1.928938	1.945907	1.406487
3.319663	3.380832	3.284668	3.653464	3.26368	3.757133	3.901532	3.218768	2.886064	2.640598
7.175162	7.628069	6.67417	7.045117	7.363067	7.265338	7.611271	7.188595	7.021431	7.020932
0.260242	0.03176	0.03176	0.057751	0.01857	0.144907	0.03176	0.01857	0.582274	0.01857
1.592382	1.223564	1.400096	0.307934	1.163476	2.167701	1.384313	1.526786	2.13539	0.865625
1.666433	1.916928	1.976786	2.135811	2.077865	2.479202	1.932881	1.785661	1.442193	1.27678
6.946327	6.907773	6.945121	7.435518	6.987496	5.654502	7.339295	6.586442	6.823656	6.336768
0.173129	0.057655	0.112614	0.112614	0.067027	0.067027	0.076313	0.019258	0.214212	0.009424
0.353972	0.188759	0.740012	0.73085	0.161538	0.365916	0.305159	0.175214	0.317521	0.133784
3.031982	3.374997	3.14937	3.376666	3.452135	3.622488	3.618562	3.093493	2.95638	2.776593
7.010835	6.063025	5.480546	6.289652	5.827307	6.108219	6.277832	6.646399	7.240343	6.11492
5.663118	5.614468	4.85855	5.667364	5.451478	4.835364	5.778834	5.499086	5.547256	5.712244
3.82819	4.190157	3.44708	4.300873	4.273312	4.888903	4.575713	4.12474	3.778384	3.971541
2.948011	3.361855	3.840886	3.453418	3.838381	3.752103	3.640809	3.044855	2.973578	2.437309
0.663455	0.331025	1.226673	1.042698	1.421692	1.203046	0.834405	0.643819	2.201849	0.59832
2.848462	3.530187	5.87781	4.914773	3.31765	6.914905	4.447676	2.958723	4.094703	2.73488
0.077465	0.015591	0.046974	0.116817	0.004922	0.026154	0.057235	0.026154	0.235564	0.004922
4.320543	5.286547	6.888129	5.274216	5.055737	6.869338	5.022409	3.930043	4.706041	5.231954
3.409328	3.965465	4.118415	4.24441	4.248506	4.265339	4.378074	3.352894	3.592094	3.2514
3.537014	3.831252	4.458534	3.875228	4.369241	4.88207	4.335295	3.518791	3.902038	3.770989
1.466161	2.01741	2.479057	2.434069	2.729938	2.431436	2.535253	1.423595	1.419964	1.10622
5.291379	5.290612	7.618582	5.183351	5.86267	5.063896	5.132553	5.542939	5.354349	5.267351

1.849941	1.617734	3.912519	1.474515	3.54647	2.109515	1.81522	1.670032	2.291725	2.373952
0.570561	0.10545	0.060145	0.8943	0.001022	0.373625	0.191275	0.116516	1.391418	0.013079
3.555733	3.782136	3.844638	3.352012	4.294964	4.020216	3.804177	3.432686	3.309531	3.962065
0.263195	0.439868	0.439868	0.352806	0.293357	0.382102	0.293357	0.232732	0.232732	0.263195
0.116963	0.130121	0.206596	0.546819	0.049274	0.049274	0.156075	0.076739	0.021264	0.021264
6.447579	6.326232	6.521282	6.587689	6.209898	6.1521	6.6282	6.488455	6.821587	6.960991
3.309399	3.981118	3.090123	3.014359	3.869743	3.229586	3.599756	3.273445	2.710176	3.288991
2.246833	2.38254	2.802632	3.037072	2.596811	2.844807	3.112675	1.911707	2.037183	1.903386
1.166305	1.452852	1.36609	1.260303	1.610891	0.762116	1.102127	0.752618	1.200653	0.947194
6.666754	6.796796	7.468112	7.110872	7.024656	7.099097	7.11439	6.615252	6.798313	6.070808
0.000439	0.000439	0.191067	0.089561	0.018615	0.000439	0.000439	0.000439	0.106875	0.000439
0.964198	1.343748	1.686609	1.08524	1.681522	2.693328	1.977018	1.684068	1.724066	1.380648
2.1821	2.762846	2.745845	2.197064	2.512651	2.499189	2.574437	1.942284	2.835004	2.890923
5.964876	6.460363	6.467071	6.457947	6.464291	6.698302	6.460489	5.772675	5.953506	6.230918
0.151621	0.223143	0.246149	0.577327	0.211488	0.223143	0.199729	0.163813	0.386663	0.07601
0.195222	0.149979	0.16144	0.18406	0.054384	0.029325	0.103075	0.114963	0.249612	0.103075
3.866366	4.410261	4.59853	4.135062	4.967759	4.626375	4.333148	3.701033	3.908233	3.808222
5.27678	5.090143	5.007346	5.918788	5.260605	5.543088	5.684546	4.848122	5.24442	4.513405
0.267024	0.022728	0.034942	0.010393	0.059014	0.161903	0.139766	0.010393	1.55987	0.022728
10.64374	10.81163	9.969568	9.677735	10.27886	9.391181	10.16351	10.66021	10.65777	10.98732
4.405054	4.746788	4.752607	4.384838	4.82971	4.821164	4.612955	4.35309	4.558495	4.837341
1.448302	0.862129	2.094292	2.1574	0.433728	2.061628	1.347011	0.72196	3.429341	0.176362
8.158607	6.99917	7.886714	7.090421	7.181695	8.815396	7.283115	8.652801	7.742092	7.60363
3.273604	3.548434	4.030862	3.572691	4.407989	3.554957	4.024617	2.860131	3.224799	3.466858
2.66928	3.31847	3.675151	3.204742	3.521187	3.673027	3.561181	2.465967	3.042872	3.177149
0.717257	0.885418	1.373829	1.131851	1.352527	1.911127	1.512767	0.698361	1.297467	0.958524
0.006351	0.038463	-0.0264	0.022485	0.146184	-0.0264	-0.0264	-0.00994	0.394706	-0.00994
0.597459	0.770137	0.733461	0.823506	0.805928	1.632052	0.587251	0.3185	0.637604	0.875023
3.706254	4.960298	5.513507	4.713557	5.383958	5.000833	5.14702	3.597519	4.184865	3.214043
2.061935	1.646901	3.886652	3.06001	3.146602	4.319789	2.221636	2.132621	2.694704	1.961091
2.80573	2.489484	3.415819	2.365112	3.330468	2.396053	2.961247	3.249228	3.54793	3.197488
5.65226	5.946779	5.455788	5.15768	5.267366	6.354227	5.392205	5.410102	4.917308	5.656679
1.749872	0.540904	0.358239	1.55138	0.25111	0.729492	0.71172	0.369659	2.431505	0.213528
4.498035	5.046469	5.211109	5.379716	5.129155	5.836498	4.806925	4.277075	4.003336	4.280894
4.140298	2.614518	2.854409	2.3663	2.939798	2.003304	2.13086	4.133469	3.457995	3.937024
3.789224	3.448798	3.470473	3.556237	3.667229	3.607906	3.683246	3.722181	3.716522	3.702737
1.008301	2.082959	1.782851	0.680264	1.431229	0.534749	1.592769	0.2675	0.858359	1.013511
0.408278	0.296979	0.344619	0.163426	0.247362	0.32579	0.477108	0.216572	0.771992	0.141488
5.264453	5.033464	4.744231	4.773256	5.164661	3.776561	5.026259	5.146646	4.79928	5.080873
4.085097	5.188134	5.341503	5.497408	5.467273	5.423695	5.450067	4.648702	4.213243	3.946272
0.383562	0.649546	0.700036	0.523411	0.91255	0.394071	1.10699	0.862619	0.494696	0.869872
3.06175	4.087761	6.118138	5.124328	3.525428	6.460772	3.968184	2.801038	3.637095	2.821938
6.37112	7.009701	6.974261	6.840328	7.447093	5.861795	7.329324	6.425992	6.241974	5.659056
0.729491	0.106147	0.140595	0.44203	0.217541	0.058726	0.433046	0.280003	0.414887	0.034341
2.924104	2.80412	2.334763	2.477665	2.7134	2.607621	2.820448	2.798298	3.112681	2.943032
1.033693	1.284164	1.196512	1.426431	1.511677	1.937238	2.37418	1.863119	1.720274	1.426431
1.757572	2.474244	2.552153	2.413209	2.510443	3.120699	2.728657	2.110967	1.79213	1.770254

2.738927	3.000317	3.094903	3.522581	3.933438	4.749215	3.835487	2.809584	2.538962	2.375874
2.506076	2.62598	2.848743	1.780346	2.480289	2.192729	2.973731	2.338335	3.11087	1.411237
1.671192	2.222397	2.435355	2.881452	2.839017	3.51435	2.941467	1.968123	1.351472	1.555166
2.843731	3.220544	3.234679	2.810506	3.538834	3.173292	3.383698	2.757318	2.949183	2.261531
9.906266	10.48357	10.01142	10.129	9.915506	9.538833	10.0273	10.06867	9.967103	10.43648
3.733015	5.126537	4.006496	4.336058	5.508767	4.056876	5.34948	3.501577	3.988879	3.744013
1.726501	2.006001	2.198692	2.071601	3.191081	3.313308	3.546748	3.000116	2.247313	2.355894
7.725074	8.594312	6.550657	8.346972	7.275734	7.34112	7.687852	8.235911	7.351279	6.651927
4.61374	4.718082	4.263977	4.010334	3.869798	4.596022	3.674172	4.767572	4.139084	4.435173
2.269498	2.405814	3.122923	2.481233	2.728675	2.306852	3.112734	1.985513	1.99761	2.278952
1.93832	0.810902	0.769144	2.108649	0.700914	1.101873	1.868191	0.931638	2.025966	0.248529
2.342042	2.357253	2.387039	2.56511	2.395813	2.351195	2.772131	2.228996	2.06339	1.782439
3.489703	3.773843	4.357784	4.046544	4.21236	4.056229	4.14988	3.294491	3.342629	3.40578
2.436537	2.596388	3.084682	2.94089	3.004324	2.871647	2.985847	2.331812	2.468388	2.468388
1.336488	1.184579	1.696878	1.487623	1.3921	0.626009	1.369251	1.227067	0.718425	0.826329
1.997682	2.193547	2.75	2.208811	2.557614	2.39764	2.907056	2.178084	1.908274	1.688687
1.464932	1.135247	0.912975	1.638333	1.28697	1.94234	1.527137	1.151415	1.310309	1.272722
2.552462	2.621284	2.523789	2.814989	2.584414	3.160243	2.54434	2.371503	3.617218	2.03718
5.742682	5.961165	4.498175	5.4277	3.674774	3.443342	3.445875	3.63226	5.371017	4.310197
5.346961	4.600833	4.186148	4.115298	4.574978	4.560063	4.353847	5.558889	5.255839	4.97693
0.897616	1.006289	1.830277	0.817305	1.333367	0.817305	1.051139	0.657336	0.631562	0.904679
4.602739	4.355337	4.384737	4.443185	4.72426	4.72071	5.054467	4.371516	4.380012	4.491973
1.551497	1.821659	3.747399	2.029756	2.379203	2.487374	2.140816	1.605329	2.112885	1.436957
3.416552	4.309759	4.694699	4.342724	4.697898	4.626314	4.598041	4.232801	4.149449	4.277496
4.808216	4.172772	4.223272	4.458824	4.522499	4.572526	4.523905	4.772225	4.980763	4.832786
3.542339	3.647953	3.890296	4.009983	4.175763	4.27077	4.241491	3.186771	3.433912	3.160128
3.626987	4.155022	4.468199	4.606397	4.666618	6.064953	4.612967	4.146744	4.125404	3.982252
6.745606	5.751014	5.843107	5.716471	6.009659	6.044443	5.625427	6.689674	6.657632	6.793729
6.775321	6.056355	5.061797	7.460585	6.07659	4.165258	5.363926	8.629571	6.759803	6.161178
3.423344	4.115998	4.942108	3.287636	4.196225	3.785704	4.033471	2.883205	3.35266	3.334398
2.89544	3.479276	4.331889	3.168172	4.134984	3.269848	3.585435	2.919871	3.130894	3.137472
6.011242	6.460948	7.246522	5.206404	6.709916	6.683947	6.856002	5.458533	6.003543	7.035691
1.581251	1.71929	1.959644	1.803959	1.925626	2.042072	1.989022	1.464988	1.591707	1.149131
2.096685	2.840508	3.21112	2.899317	2.311979	2.844158	2.880045	2.009986	2.203007	2.751218
1.886045	1.860553	1.956764	2.696063	2.578283	3.742517	2.926382	2.351068	2.52705	2.201747
4.354555	3.398359	2.982738	3.400826	3.37716	5.119342	3.470058	5.038817	5.020556	4.021115
0.451363	0.324804	0.182261	1.099617	0.201094	0.840076	0.774554	0.341421	0.71096	0.051545
4.942845	4.960148	5.248415	5.11206	5.436513	5.044946	5.209141	4.624619	4.731564	5.100018
3.435599	4.418867	4.129278	4.381261	4.590721	4.594305	4.660084	3.762783	3.377363	3.341768
4.406197	4.879623	5.109477	4.885643	5.222184	5.267663	5.40052	4.495112	4.349112	3.976676
0.613253	0.166277	0.581468	0.554178	0.141408	0.124475	0.514663	0.712393	0.289296	0.865089
1.799882	1.033459	1.0724	2.005281	2.314175	2.487975	3.278729	1.797805	2.53025	2.758317
4.717469	3.967753	3.950778	4.011794	4.039785	3.609881	4.042509	4.707285	4.799817	5.016023
2.660543	3.99928	5.837661	2.935885	3.949725	5.801097	4.466102	3.564027	3.769603	2.946525
2.020016	2.126294	2.159087	2.17045	2.591867	2.391804	2.679998	1.667116	2.254156	2.045392
2.280992	2.42413	2.824928	2.724314	2.769161	3.20519	2.540885	2.578322	2.519465	2.440664
5.570989	6.462148	6.458139	6.150263	6.695884	6.521082	6.491316	5.603038	5.501686	5.442697

1.661179	1.948846	2.243986	2.064849	2.577588	2.309822	2.033547	1.958576	1.835913	2.006011
0.61636	0.173909	0.402915	1.155129	0.445112	0.526378	0.445112	0.445112	0.253854	0.552596
4.258979	4.293475	4.516479	4.676934	4.335878	4.741056	4.700648	4.090983	4.208987	4.581974
2.304807	2.652024	3.340307	2.79818	3.113059	3.463516	3.22162	2.411473	2.40785	1.833392
3.736106	2.215806	2.636826	4.769648	0.61336	2.961844	3.963373	2.934499	3.078564	0.454268
1.156122	1.727183	2.422965	1.702948	2.104892	1.984642	2.02256	1.383336	1.19986	1.297646
0.071166	0.098724	0.057188	0.290203	0.139101	0.26609	0.469874	0.014424	0.782107	0.043073
4.904054	5.654531	5.71662	5.065377	5.870664	5.547936	5.65411	4.893386	5.30033	5.99187
4.846477	5.496647	4.373724	4.967159	3.787199	6.046986	6.149332	6.250194	6.181726	5.550531
5.85007	5.830761	6.186488	5.839739	6.316324	6.348653	5.928464	5.917539	5.522444	5.589632
5.065747	4.927041	5.471099	5.737909	5.349111	5.758812	5.200024	5.324433	4.833244	5.421544
4.873389	4.183434	4.537377	4.104224	4.029325	4.449255	4.180951	4.729881	4.841516	4.97674
2.02769	2.536852	2.876448	2.385139	2.911361	2.899171	2.893022	2.041629	2.082373	2.309193
3.455032	3.542493	3.542493	3.697627	3.79232	3.33382	3.653815	3.283935	3.394565	3.719488
0.314779	0.594238	1.485942	0.507689	0.943625	0.355757	1.689859	0.355757	0.355757	1.154583
3.793391	1.433886	1.132846	3.232384	-0.09094	0.859249	2.817221	2.895144	3.114064	0.085033
0.548734	1.318507	1.534282	0.675437	1.40891	0.558905	0.628074	0.569001	0.914231	0.747988
2.557537	2.147846	3.059283	1.009991	0.502072	4.379386	1.857282	1.984849	2.832141	2.649356
7.122301	6.779256	7.146672	6.549503	7.118974	7.352135	6.62905	7.525152	6.88305	7.14189
3.629571	3.655875	3.269312	3.713385	3.730142	3.231244	3.874697	3.642031	3.797325	4.005945
3.780309	3.743098	3.5946	4.49704	3.533409	5.619629	4.193359	3.642596	3.214563	3.281385
2.809645	3.1892	3.386827	3.327962	3.526561	3.532196	3.383128	2.839737	3.271773	3.607295
3.102062	4.420153	4.583651	3.315219	4.805172	3.2939	3.353165	2.782524	3.810605	4.311488
1.797215	2.621871	3.202511	3.106706	3.494775	3.078863	2.349678	2.004028	1.644582	2.107866
5.78047	5.163497	4.286336	5.090137	5.315307	4.517845	5.071461	5.785284	5.285214	5.211516
3.416738	2.383535	4.009781	3.789243	2.070387	3.28916	2.711884	3.348869	2.595071	1.765608
2.040591	2.080306	2.273256	2.131089	2.323719	2.708379	2.313289	1.845321	2.170664	1.930693

CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16
1.56784	0.240398	0.40953	0.275998	0.275998	0.52112	0.275998	0.451205	0.153404	0.114295
1.550325	0.747384	0.71979	0.792231	1.150058	1.355128	0.918951	1.343132	1.924775	1.150058
5.646306	4.391627	4.571709	4.285738	4.609849	6.374942	4.762858	5.542414	5.153988	4.018332
4.460981	4.115974	4.374391	3.504188	4.95773	5.691274	2.753022	4.788343	5.60852	3.042583
1.992371	0.841889	0.410144	0.479875	0.588252	0.924375	0.762807	0.567299	0.841889	0.567299
6.986836	7.018167	7.214407	7.027109	7.301269	6.721505	6.948203	7.182204	7.464342	6.359673
5.520562	5.866597	6.028454	5.187206	5.477734	5.998016	5.356273	5.964143	5.425157	5.748248
0.613561	0.213731	-0.01922	0.234404	1.21125	2.644341	0.386522	0.267975	1.107189	-0.20956
0.009871	0.083552	0.009871	0.141834	0.009871	0.153175	0.219163	0.059466	0.071566	3.525235
5.699144	4.808222	4.874116	5.045532	4.862965	5.85439	5.029223	5.643805	5.213613	4.526125
5.087816	4.800133	4.86082	5.075952	5.038407	4.675357	5.215742	5.116871	5.114721	3.846366
3.228002	2.279421	2.012993	2.371485	2.22364	3.685498	2.560514	2.604321	2.206684	3.455602
1.85254	1.930215	2.422831	1.130135	1.781124	2.3128	2.157637	2.449606	2.118672	2.571946
2.578927	3.70787	3.605746	2.934244	3.46	4.156567	2.701445	3.440887	3.511339	5.027305
5.813798	3.709433	3.815657	3.264104	3.299915	4.30798	4.124937	4.749646	3.748396	5.018834
3.060275	2.183931	1.749885	1.594327	2.176465	3.108564	2.443728	2.978195	2.628479	3.100665
1.20602	0.285284	0.153349	0.365604	0.403777	0.977629	0.326136	0.784711	0.39435	1.292295
8.152204	9.437538	9.81636	9.150652	9.642702	8.515707	8.939387	8.792748	8.925732	8.962333
5.907048	3.176148	2.98741	3.502043	3.704528	3.601437	4.095193	4.224604	3.858944	2.502691
4.543686	2.360599	2.278287	2.468814	2.506911	3.761971	2.751895	3.424936	2.775385	3.387126
3.661546	2.477421	2.42462	2.389533	2.329127	3.31512	2.596474	3.142073	2.844505	2.190176
3.724011	1.817627	2.534854	1.833268	1.837144	3.224141	2.325239	2.607284	2.25814	3.02804
2.726333	2.421262	2.438501	2.411278	2.611208	3.141391	2.54292	2.684897	2.773242	2.000623
0.157856	0.710267	0.600206	0.471477	0.310819	0.264762	0.611719	0.588572	0.61743	1.330998
3.461676	3.241167	3.05199	2.407565	3.239082	3.93149	3.021097	3.427108	3.039238	2.958969
2.996793	2.687413	1.858911	1.973971	1.65632	2.107792	1.65632	3.493215	2.285667	2.842286
1.242645	0.356955	0.404804	0.764002	0.860285	0.538653	0.893022	2.186968	0.962278	0.683033
6.044052	4.289424	4.244535	4.078187	4.15547	4.560315	4.495656	4.430859	3.758454	3.867835
2.551035	1.504314	1.207253	0.891048	2.144	3.996991	1.215954	1.906287	1.875636	2.488167
4.700292	4.469058	4.283651	4.663875	4.485634	4.134335	4.770689	4.638511	4.898193	3.519311
3.024585	1.985697	2.615579	2.01363	2.335968	1.86751	2.330574	3.437392	2.791589	3.863489
5.016153	3.156572	2.990354	2.959792	2.835679	5.455082	3.013118	4.128855	3.141431	4.17773
5.143395	4.659189	4.867084	4.231724	4.994459	4.880849	5.35488	5.518595	4.346959	3.654094
3.560737	3.365948	3.270814	3.084256	3.426724	2.676616	3.471871	3.146602	3.076235	3.454247
2.148185	3.802401	3.242175	3.871728	4.932066	4.603787	3.375631	2.933541	3.233294	3.504568
2.983638	1.762271	1.404612	1.941295	2.029199	1.346087	1.901906	2.194987	1.919983	2.042125
5.383258	6.309999	6.19975	6.250184	6.418613	6.138019	6.310731	6.060549	6.125616	6.094091
3.574525	4.371845	4.313699	4.054413	3.908583	4.311396	3.685156	4.115021	3.90235	4.687603
4.952107	4.810938	5.057082	4.720632	4.793227	4.909842	4.422382	5.64158	4.916454	3.459908
0.107686	0.048966	0.018737	0.122019	0.018737	0.018737	0.033927	0.048966	0.018737	1.417466
0.46446	0.816163	1.194676	1.372818	0.959549	0.480085	0.632884	0.055969	0.964735	-0.03602
1.741467	3.261202	2.704858	2.724427	3.309067	3.697994	2.870916	2.518845	2.94953	3.184776
3.297989	4.509739	4.457096	3.885602	3.593529	2.259736	3.579025	3.525148	3.340712	5.085231
1.194989	0.274539	0.514546	0.584338	0.448633	0.75809	0.341867	0.498428	0.351163	0.405377
0.949351	0.570046	1.310899	0.700922	1.072095	3.042583	1.14115	0.523083	0.82528	2.155892

10.09922	11.41449	10.8961	10.45431	10.98336	10.56016	10.62269	11.45516	11.05383	10.2581
5.749678	2.926453	3.926444	3.480928	4.06424	7.274021	4.150593	4.613768	4.704085	1.062962
3.655485	5.094333	5.03158	4.952997	4.920661	5.232552	4.593327	4.794389	4.651273	4.319651
1.645003	0.3481	-0.0066	0.450564	0.288881	0.530637	0.364472	0.712312	0.271384	1.366442
0.459307	0.306061	0.237208	0.164996	0.384666	1.138164	0.332729	0.630934	0.447125	0.164996
0.646275	0.406003	0.250235	0.181153	0.19003	0.610715	0.16318	0.73582	0.233369	6.236285
2.913787	0.74074	0.868807	1.035869	1.021046	1.911556	1.236435	1.586058	1.29566	1.713804
4.256341	4.449298	4.595239	4.133821	4.517752	5.025515	4.352838	4.736328	4.745895	4.078913
4.473256	2.822046	3.201035	2.855312	3.227742	4.329094	3.481375	4.321227	3.921858	3.188305
0.029448	0.861918	0.172696	0.029448	0.145118	0.088396	0.446719	0.535154	0.029448	0.029448
0.699006	0.092934	1.080439	0.993479	0.83478	0.458231	0.721777	0.378572	0.59715	4.288221
7.271456	7.576438	8.906861	7.436173	8.957958	7.859222	6.247646	8.55031	8.284497	7.688017
9.037134	8.614376	8.551549	8.341225	8.719781	8.979056	8.727009	8.801758	8.850872	7.085533
4.580182	3.934221	4.521312	3.992649	4.449057	5.054146	5.007999	4.433429	4.424609	3.931754
1.779659	0.56128	0.485368	0.582129	0.474127	0.82499	0.930405	0.930405	0.807932	2.734218
5.20396	7.508441	7.518393	7.265411	7.528034	6.204159	7.478039	6.604282	7.414251	8.108329
1.773523	2.934768	3.309963	2.222034	2.477675	1.98048	2.902949	1.892281	2.301803	0.900025
4.093155	2.526601	2.26093	2.41067	2.711031	3.859868	2.78739	2.885274	2.935154	2.536523
0.547094	1.85922	1.838941	2.249859	1.569811	1.766694	0.519198	1.755713	1.464798	3.101042
7.01342	11.73526	13.78041	8.94128	11.58944	10.16207	8.891103	9.562158	11.92529	12.88531
3.722763	1.619951	1.52013	1.568638	1.909665	2.555685	1.968143	2.146808	1.851605	3.31311
4.339195	3.522228	3.32318	4.014732	3.773982	3.530249	3.597774	3.751914	4.047139	4.168087
1.287484	0.370349	0.270963	0.348228	0.538648	0.551023	0.963496	1.047545	0.51981	1.272038
5.443886	4.184408	4.524497	3.991137	4.379721	5.694424	4.434353	5.056164	4.658259	3.694861
3.640773	2.263122	2.645148	2.459925	3.074064	4.536655	2.823888	3.072851	3.118023	3.679516
2.644342	3.052387	3.539114	2.5688	2.999759	1.533905	2.936244	3.433471	2.309377	3.044587
2.964495	2.440302	2.335292	2.905788	2.788683	3.067902	2.76548	3.440975	3.176148	2.286996
3.950793	3.759008	4.058285	3.318543	4.75849	6.510205	3.888253	4.21198	4.585242	3.17518
2.762705	5.76999	6.115864	4.258266	6.385765	6.66794	5.254205	5.62555	6.414549	5.216813
3.342435	1.931493	2.862799	0.573685	3.013202	3.88835	0.827155	4.546697	2.953681	1.777049
2.121319	4.491139	4.559416	3.438359	3.939625	2.985594	4.232819	4.03179	4.626972	3.606186
2.986058	1.693434	2.044614	1.818341	1.629119	1.840743	1.687154	2.219146	1.946948	2.532666
3.320798	1.539279	1.930726	1.359258	1.570807	2.382437	1.785324	2.20928	1.822597	2.984784
3.973637	1.771803	1.56668	1.659459	2.211229	3.959343	2.182602	2.249376	2.492069	2.68058
2.396846	1.284198	1.164815	1.03612	1.117685	2.477749	1.36773	1.147396	1.801144	1.929865
4.031624	4.054953	3.914509	4.029001	4.147105	3.509501	4.055274	4.582875	4.111785	3.629189
7.191421	8.763293	9.219148	8.548745	8.925937	7.977365	8.777795	8.380335	8.811497	8.31779
1.429488	0.477135	0.445058	0.568649	0.653846	1.369483	0.626095	0.759005	0.680987	0.759005
5.136651	6.710407	6.547916	6.509122	6.365985	5.225108	6.522887	6.284315	6.475597	5.256188
0.338743	0.488476	0.700285	0.715242	0.914858	1.413188	0.548956	0.722657	0.707785	0.523378
3.647056	2.65831	2.516734	2.447681	2.760819	3.390103	2.545967	2.533282	2.756447	2.818762
4.153075	1.90432	1.896126	3.024902	3.031126	1.405849	1.07212	3.383701	3.055188	1.47278
2.151662	1.62847	1.235426	1.295747	1.353112	1.728641	1.311673	1.754207	1.085539	1.431832
3.151571	4.365482	4.117814	4.589308	3.742063	2.538518	3.900858	3.431828	3.775685	4.469238
3.837625	4.28576	4.589876	5.259894	3.588379	3.550688	3.564943	3.650857	4.406786	4.066207
0.423482	0.219932	0.131868	0.051625	0.182878	0.105636	0.051625	0.475065	0.118815	0.051625
3.108659	5.186628	4.952703	4.579155	4.608575	2.791826	4.501013	4.256542	4.992322	3.615728

1.66251	1.397204	1.998975	1.351064	0.460126	0.831943	0.777418	1.827805	1.169752	1.478542
3.586042	5.29455	2.435954	2.262275	2.559067	3.231918	2.888921	4.260462	3.235129	3.663923
2.805301	2.342094	1.816124	2.689998	2.446901	2.204433	2.439114	2.876089	2.581696	1.000834
4.03183	3.637853	3.030305	4.024831	3.512738	4.182209	3.924001	3.564757	3.356662	3.623879
3.229967	1.54818	1.584772	1.574917	1.841896	3.137472	2.582618	2.831439	3.772939	1.120317
7.441993	4.482799	4.666709	4.240984	4.842176	4.449001	4.97951	5.996898	5.201032	3.134476
3.091502	0.690888	0.562348	1.033448	0.848581	2.986086	2.175723	2.515181	2.55222	0.070878
6.867149	8.173545	6.870522	5.475167	6.319492	6.019336	7.249406	6.652479	6.694297	5.707998
2.115716	1.666196	2.095772	1.432931	1.755502	1.428093	1.452105	2.211011	2.012719	2.884161
2.712914	1.884362	1.278701	1.785258	1.647586	2.146246	2.378039	2.737888	2.037047	1.582709
4.163145	1.688526	1.900958	1.643714	2.343032	2.797889	1.976807	3.164388	2.24576	2.588845
0.103917	0.208648	0.072671	0.134556	0.149655	0.164612	0.399311	0.208648	0.072671	1.213001
7.163633	7.959928	8.598562	7.722633	8.264108	9.092967	8.129428	8.429846	8.135838	7.541144
4.710238	3.532818	3.511672	3.17856	3.771952	4.894859	3.984451	4.028521	3.863916	3.135158
3.138753	2.03658	1.975106	0.951697	2.01164	2.746874	2.091748	2.313188	2.436207	2.29619
0.429416	0.120074	0.093095	0.341489	0.330089	0.783582	0.210503	0.698933	0.295302	1.723813
4.819951	2.725655	2.859762	2.748314	2.988771	4.017404	3.401978	4.180879	3.891644	4.006317
2.475511	0.873966	0.975422	0.755314	0.90001	0.811296	1.353615	1.242795	2.646006	1.568795
3.276516	1.762925	1.606487	1.769505	1.792209	3.133872	1.895917	2.369798	2.083874	1.792209
3.19082	1.631686	1.504095	1.692819	1.631686	2.594116	1.958616	2.692584	2.015761	3.314683
0.392979	0.023927	0.023927	0.222463	0.242639	0.632685	0.191553	0.059361	0.070945	0.892622
0.11569	0.029523	0.029523	0.490928	0.029523	0.051695	0.414212	0.062618	0.16636	0.11569
3.715331	1.561135	1.68629	1.750543	2.467351	2.651533	2.076944	2.883515	1.30909	1.852418
4.021156	4.13366	3.96243	3.545611	2.516432	2.537801	2.670326	2.826095	4.728254	2.561994
3.74777	1.685112	1.513989	1.121241	1.308918	2.071715	1.389496	1.837039	1.656861	1.354274
3.572733	1.371338	1.566951	1.584706	1.584706	2.448929	1.987203	2.310706	1.844505	2.219764
4.283981	2.368472	2.567878	2.527889	2.815412	3.795437	2.859298	3.692853	3.068808	3.306681
6.844668	7.139765	7.457692	6.022017	6.977702	7.295039	6.949518	7.250634	6.517584	5.473482
0.057751	0.01857	0.01857	0.01857	0.144907	0.144907	0.01857	0.01857	0.095807	0.641572
0.424106	0.148397	0.584153	0.69207	0.424106	0.642861	1.356208	1.105335	1.153972	0.158985
4.012732	1.859065	1.638736	1.732585	1.673242	1.971717	1.666433	2.211024	1.531602	3.51086
6.88045	5.217763	5.605897	4.714431	6.711133	8.237656	6.353493	7.360305	6.640785	4.712783
0.048193	-0.00051	-0.00051	0.22223	-0.00051	0.103662	0.291629	0.009424	-0.00051	-0.00051
0.533948	0.188759	0.377761	0.305159	0.241677	0.606021	0.188759	0.267413	0.784949	0.241677
4.715776	2.806432	2.791624	2.841109	2.917653	3.634172	2.95891	3.354751	3.057498	3.646998
5.088395	6.475001	6.854607	6.176443	6.822109	6.560265	6.663379	6.233069	7.00905	6.133601
5.124831	5.814786	5.618373	5.826138	5.840653	5.57294	5.503433	5.540775	5.607296	5.294114
4.21495	3.836662	3.955124	3.170825	3.844306	4.254023	4.271242	4.082566	3.849626	3.376101
4.543393	2.414112	2.516117	2.534163	2.534163	3.841719	2.709153	3.185194	2.711664	4.144645
0.311124	0.09764	0.413344	1.049579	0.213196	0.545464	0.956591	1.776749	0.78758	0.153074
4.316415	2.085881	2.341847	2.876923	2.832373	3.554449	2.506201	4.776352	4.172541	3.196604
0.026154	0.026154	0.004922	0.026154	0.036615	0.164057	0.015591	0.026154	0.015591	2.309537
5.583383	2.845236	3.494021	3.002601	3.966926	5.803707	4.028196	5.227438	4.889291	4.056799
4.469291	2.760368	2.423816	2.6949	2.744039	4.352726	3.401033	3.910356	3.482333	3.147851
4.879183	3.431223	3.082731	3.724498	3.300781	3.799541	3.586179	4.031582	3.69492	5.124946
3.159114	1.214706	1.168982	1.196667	1.287924	2.456174	1.254137	1.94708	1.617306	1.951357
4.744347	5.384366	5.90889	4.971185	5.617827	5.105008	5.227263	5.286191	5.276909	3.777867

2.78668	2.301394	1.727837	2.503687	2.23973	1.825736	2.337017	2.455496	3.021081	3.005888
0.10545	0.001022	0.001022	0.116516	0.060145	1.810088	0.281078	0.127483	0.083009	0.001022
5.02736	3.058431	2.40045	3.308258	3.146195	2.539313	3.506087	3.843013	2.582224	3.941286
0.293357	0.524522	0.232732	0.293357	0.352806	0.524522	0.232732	0.293357	0.323226	0.232732
0.156075	0.076739	0.090275	0.143157	0.168875	0.79655	0.035338	0.181561	0.290885	0.021264
5.857995	6.478109	6.058658	5.385041	6.508066	7.049517	5.748055	6.321526	6.431898	3.155937
4.797958	2.792058	2.74774	1.846438	2.792058	3.310663	2.803855	3.68143	2.338172	3.848506
2.696764	1.430537	1.5505	0.834773	0.890325	3.08244	1.329165	2.444773	2.068915	1.834533
1.86307	0.546666	0.512791	0.557767	0.905431	1.279601	1.042325	1.193854	0.501303	1.138168
6.468893	6.855158	6.521089	6.396459	6.690032	6.928648	6.5889	7.028852	6.222052	5.595035
0.000439	0.000439	0.000439	0.000439	0.000439	0.054432	0.054432	0.000439	0.521356	0.000439
1.942919	1.899366	1.093724	1.706736	1.163442	0.850107	1.26987	2.082754	1.71667	2.571935
2.861292	3.329373	3.162542	3.426703	2.622891	2.020056	3.081908	2.873401	2.107294	3.153869
5.480901	6.129782	7.278191	5.84285	6.414173	6.465303	5.876061	6.550887	6.135133	5.413356
0.365993	0.049815	0.062977	0.290995	0.101697	0.396878	0.257504	0.139316	0.088916	2.471889
0.18406	0.114963	0.1728	0.238917	0.767788	0.217256	0.126742	0.114963	0.029325	0.500243
5.026852	3.203676	2.519115	3.040398	3.086482	3.68372	3.933996	4.454341	3.968929	5.110181
5.66188	3.873545	4.139499	3.536726	4.92242	7.065601	4.386642	4.985307	4.924014	4.725846
0.094268	0.047036	0.022728	0.226039	0.010393	0.022728	0.246701	0.128547	0.022728	0.638684
10.14436	11.15423	10.81014	11.61317	11.26592	9.471581	10.70679	10.6464	10.47685	10.8862
4.891397	4.69903	4.674965	4.846594	4.346353	3.809169	4.749549	4.91493	4.544798	3.492984
0.433728	0.239184	0.069529	0.226845	0.668904	0.99657	1.059204	0.686816	1.313425	0.401318
5.504332	9.911904	9.367928	8.678107	8.519449	6.566269	7.318096	7.250157	8.562895	9.013056
4.308998	1.769712	1.578209	2.338835	2.289038	3.802478	2.928343	3.490443	3.312115	2.600658
3.705832	2.304016	2.276222	1.922461	2.789038	3.520372	2.987081	2.984415	3.037801	2.24507
0.869126	1.270837	1.166106	1.144818	0.943247	0.841445	1.174512	1.170316	0.813076	2.420609
0.116116	-0.0264	-0.0264	-0.0264	0.038463	0.038463	0.006351	0.116116	-0.0264	0.565091
0.524483	0.242961	0.255821	0.22999	0.42506	0.779166	0.566622	0.203701	0.513759	0.035376
5.371095	3.25197	3.204903	2.829713	3.782051	4.98845	3.776274	4.651026	4.133302	4.111532
4.006492	1.061787	1.375539	1.22573	0.961571	2.912219	1.594925	2.127826	1.179647	2.864724
1.5213	4.864779	4.266093	4.424076	4.27851	1.595293	3.499807	3.708054	2.426973	4.346625
5.679255	5.599303	6.19729	5.838832	5.415711	5.902216	5.239497	5.946054	6.239396	5.431502
0.468508	0.738296	1.248908	0.499987	1.261112	0.26342	0.720634	2.016252	3.461632	1.961633
4.925079	3.641955	3.550367	3.591634	3.346508	4.930426	3.385651	5.213923	4.66984	4.598185
1.137088	2.978755	3.187452	4.401035	3.318807	1.21225	4.228978	3.034669	3.246777	3.34615
3.022649	3.432891	3.31067	3.463157	3.54079	3.459695	3.680479	3.478586	3.714182	3.275236
1.253218	0.378079	0.286648	1.335591	0.943949	1.008301	1.240362	2.37464	0.378079	1.703348
1.502021	0.662604	0.141488	0.184969	0.107807	0.890095	0.30666	0.408278	0.296979	0.57345
4.400458	4.590712	4.344627	4.516878	4.173335	4.318649	4.724633	4.664219	3.983716	3.144835
5.559411	4.042524	4.933547	3.475673	4.313168	4.992695	3.54526	5.470503	4.533046	4.642057
0.840613	0.877084	0.605903	0.772242	0.596994	0.683425	0.787753	0.91255	0.666597	0.202585
4.414974	1.865211	2.599433	2.231156	2.924374	4.048361	2.173676	4.70417	4.953856	4.41153
6.593538	6.218148	6.165463	4.936754	6.380331	6.35523	6.217109	6.519322	6.088308	5.144746
0.528564	0.174139	0.009481	0.310127	0.217541	1.217201	0.569732	0.174139	0.196024	-0.01587
2.681421	3.302966	3.326105	2.944736	3.452363	3.184177	2.683582	3.028358	3.128654	2.692184
1.896569	1.617496	1.139571	0.664449	1.517172	1.161209	1.237682	2.03381	1.322761	2.838311
2.1157	1.708777	1.470755	1.023984	1.530039	2.629912	1.333508	2.148323	2.182315	2.625293

3.37701	2.815295	2.747981	2.022256	2.174014	3.524197	2.601371	3.050868	2.546053	1.619456
1.519341	1.052979	1.013784	1.146134	1.862767	1.091038	2.094598	2.278983	2.222114	1.216175
2.671492	1.881671	2.659914	1.001968	1.464502	2.353531	1.156747	1.485987	1.295202	3.014492
4.121778	2.754589	2.617899	2.754589	3.127768	3.299413	3.213408	3.354229	3.036892	3.331992
9.104361	10.04329	10.57064	9.354835	10.13869	10.12273	9.666559	10.63036	10.17351	9.063087
4.260411	2.761996	3.141484	2.572573	3.266944	4.654052	3.836347	3.925039	3.373558	2.317825
4.59055	2.615328	2.445349	2.011159	2.09603	2.189666	2.515138	2.964277	2.115269	1.212564
7.604304	7.478033	7.89871	5.99527	7.423343	7.39531	6.472521	7.562537	6.854609	7.5894
4.198951	4.16891	3.471948	4.493477	3.932383	3.4384	4.290008	4.189914	3.270254	2.988965
3.842881	1.723659	1.409112	1.443771	1.913365	2.99928	2.149529	2.24794	2.295309	3.118406
0.846752	0.77856	0.292868	1.291761	0.71092	2.902452	1.76854	0.356238	1.080621	2.366685
3.235464	1.886132	2.055395	1.833079	2.113937	3.183984	2.014496	2.249249	2.162191	3.271862
4.19368	2.864705	2.812131	2.468712	2.898257	4.227773	3.154383	3.91976	3.353622	2.912048
3.738472	2.027897	1.766477	2.136703	2.003206	3.062729	2.357168	2.69028	2.401242	2.459391
1.179157	0.811513	1.040817	1.02851	0.643367	1.840801	0.726473	1.500061	1.022308	1.134847
3.404066	1.942005	1.746121	1.873553	2.020129	2.046515	2.02899	2.407296	2.097583	1.848113
2.08437	1.277492	1.162061	1.359944	1.359944	1.714017	1.28697	0.965058	1.436549	1.373095
2.19159	2.325938	1.804613	1.852698	2.177843	3.067734	2.210576	2.673634	2.239816	4.479529
5.140586	6.107209	5.30214	7.400903	5.89543	4.858036	5.695321	6.188889	5.294316	5.737039
3.695824	5.232478	5.008084	4.746474	5.27031	4.197415	5.43761	4.827332	5.637328	3.840278
1.171418	0.755641	0.240123	0.79452	0.435378	0.911703	0.973287	0.674241	0.541793	2.113555
4.951487	4.549805	4.415548	4.494979	4.61738	4.972513	4.461695	4.415222	4.347319	4.387427
2.629482	1.46326	1.894635	2.084366	1.950311	2.191207	1.489062	2.828821	1.918111	4.552027
5.026649	4.802842	4.654646	3.087415	3.888615	4.06005	3.845668	4.423057	4.402362	5.269137
5.117041	4.736618	4.893689	4.621313	4.547098	4.554422	4.795729	4.694631	5.03413	5.208823
5.10258	2.82284	2.872855	2.545682	3.091615	4.915076	3.193917	3.575515	3.073073	3.493997
4.903962	3.385162	3.467002	3.4588	3.499237	4.652099	3.398249	4.902396	4.380384	3.082539
4.992109	6.288282	6.080989	6.079086	6.011469	5.212121	6.865775	6.02575	6.705833	5.624662
6.09064	7.201213	8.18466	5.218357	7.674815	6.247084	5.874018	8.291371	7.366812	7.07962
6.728478	2.426324	2.698016	2.755571	2.737846	3.099078	2.911752	3.55258	1.946534	3.770794
3.767662	2.747604	2.899551	2.206555	3.026989	3.42693	3.102473	3.581128	3.045029	3.134188
7.706049	5.476528	5.339625	5.392611	5.319964	6.459448	5.484289	6.230294	5.898699	4.692147
2.86192	1.459132	1.575984	1.470812	1.373694	2.042072	1.411127	1.695878	1.681588	1.937083
2.916563	2.218771	2.013731	2.147744	2.061348	2.786235	2.237408	2.597212	2.567496	1.831873
2.437024	2.667328	2.523773	2.658571	2.296746	2.61986	2.05797	2.992375	2.786249	4.265235
1.883929	5.403227	6.023694	5.566531	5.092716	2.799015	4.779447	4.163988	5.09952	4.748846
0.008081	1.034536	0.072666	0.103625	0.219618	1.398017	0.605048	0.324804	0.993608	1.082625
5.909503	4.618426	4.250673	4.861443	4.597929	5.201008	5.002723	4.891315	4.586882	4.281721
4.713649	2.658699	2.846229	2.555627	2.903837	4.398068	2.936882	4.328698	3.445919	2.897417
5.89716	3.907342	4.223477	4.115505	3.868661	4.989886	4.146088	4.99677	4.413978	4.690422
0.035175	1.683968	1.281443	2.014736	1.091771	0.602771	1.26538	0.166277	0.124475	-0.02254
1.522879	3.212358	2.955071	2.575403	1.878214	2.544754	1.233373	2.690654	2.729247	3.429514
3.980842	5.297244	4.961479	5.244924	5.017193	3.818186	5.290216	4.294362	4.974986	4.136279
4.560129	4.139941	3.384179	3.126215	3.522722	1.894882	3.645324	4.841839	2.506053	1.960383
1.728651	2.421205	2.110545	2.464733	1.85775	2.232877	2.149534	2.278512	2.273335	2.149534
3.636249	3.330129	1.921077	2.645426	2.960487	2.586454	2.664334	2.727836	2.142703	3.992167
7.23127	4.879028	4.821389	4.917314	5.05129	6.274314	5.232624	5.843629	5.401066	5.610195

3.001084	1.716484	1.569398	1.635706	1.710471	2.213451	1.654864	2.398637	1.673705	2.392047
0.53954	0.173909	0.53954	0.486249	0.486249	0.472651	0.61636	0.793994	0.315115	0.173909
4.790215	3.576777	3.555219	3.435328	3.986976	5.092969	3.944396	4.381727	4.333167	3.325514
4.507376	1.942136	2.003301	1.913074	2.040396	2.881349	2.199119	2.646294	2.300783	4.549145
1.277369	1.230304	1.044714	0.69535	3.196141	5.604588	1.595883	1.218281	1.93524	1.747608
2.009158	1.401559	0.747211	0.324615	1.02047	1.634532	1.093194	1.850673	1.428374	2.779892
0.203988	0.799029	0.057188	0.139101	0.028819	0.165406	0.057188	0.014424	0.028819	0.348783
6.044036	5.229048	4.780437	5.088506	5.428529	5.499808	5.413582	5.802854	5.41885	5.681611
3.932409	7.389048	6.89384	6.864517	6.722631	4.678437	5.776464	5.921173	6.359967	6.44815
6.221381	5.600546	5.504757	5.250957	5.420195	6.257486	5.508712	6.047636	5.872111	5.578235
5.428096	4.88498	3.77147	4.985391	4.000808	5.502352	4.480997	5.28864	5.281552	4.233747
2.713714	5.646434	5.633225	5.435905	5.659204	4.125909	5.36414	4.896669	5.31187	6.391622
3.686313	1.513213	1.535847	1.392111	1.628663	2.171724	1.93484	2.40166	1.898456	2.595724
3.941909	3.550365	3.254752	3.303034	3.530025	3.272894	3.629763	3.65485	3.3391	3.270119
0.075068	0.049712	0.049712	0.099932	0.136344	0.124321	0.261642	0.651519	0.283162	0.049712
0.094593	1.327956	0.869012	0.966812	3.372774	3.303248	0.577426	0.788494	4.259826	2.281877
2.256133	0.747988	0.24121	0.841892	0.89848	0.703093	1.034145	1.090404	0.30358	3.038307
1.427095	4.748518	3.542661	3.716044	4.526034	2.595987	1.809501	1.030196	3.330218	3.88194
6.317174	6.897705	6.825049	6.37531	6.409897	6.366706	6.828573	7.122257	6.865558	5.266499
3.572168	3.810178	3.859247	3.674059	4.17274	3.651281	3.921729	4.37172	3.977731	4.230323
4.540014	2.92422	3.508469	2.509862	3.211279	4.987488	3.05256	3.929212	4.442539	3.528466
4.243859	2.84441	3.067394	3.014644	2.923683	3.492929	3.212377	3.437279	2.895953	3.908713
3.930025	2.344132	1.864588	2.083374	2.533665	3.428023	4.077476	3.836666	2.696518	2.244439
3.052003	1.277542	1.700543	1.863223	1.432632	3.186791	1.83476	2.726763	2.111187	2.971288
4.721241	5.735797	4.275098	3.210984	5.372096	5.127543	5.643832	4.761815	4.263763	5.171219
4.062972	2.074756	2.061603	1.649598	1.902299	3.40748	2.048313	1.927	3.005399	2.643637
2.677012	1.782995	1.631759	1.782995	1.837216	2.037215	2.389168	2.188453	1.837216	2.695573

CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16
0.228315	0.549988	0.66828	0.530813	0.322023	1.139316	1.693942	0.114295	0.596745	1.283584
1.057616	1.24983	1.837759	1.842024	1.318837	1.115203	1.217335	1.217335	1.621549	1.502603
4.821652	5.62418	6.359685	5.632894	5.323897	6.101126	5.315982	4.797766	5.823799	5.161258
3.917867	4.510469	5.797815	2.98245	4.796267	5.226837	3.887473	4.973403	4.616293	1.996502
0.649125	0.807344	0.924375	1.393743	1.170641	1.164037	1.209571	0.457051	1.23488	1.602562
6.976896	7.317648	7.113389	6.776044	6.831648	7.040373	6.621181	7.044988	6.719969	7.038497
5.737043	5.775306	6.165134	5.776679	5.469718	6.329391	5.856125	5.929124	5.951387	6.568657
0.080278	1.030505	2.274599	1.213923	0.951178	0.19264	0.482262	1.718514	2.22105	0.199718
0.13039	0.153175	0.462148	0.186599	0.009871	0.250909	0.009871	0.009871	0.009871	0.009871
5.209078	5.560564	5.821742	5.649336	5.348756	5.775936	5.834044	5.014415	5.624665	5.611012
5.218591	5.106798	4.841188	4.305576	5.308046	5.188671	5.397715	5.048579	4.922208	5.151207
2.431657	2.914454	3.162237	3.928958	2.967272	2.896274	2.88522	2.344661	3.35372	3.479673
2.213731	1.832983	2.225836	2.178731	2.197392	2.45291	2.201499	1.97842	2.213731	2.692017
2.969251	3.703149	3.700781	3.135815	2.598991	3.870287	3.072434	3.6179	3.279757	2.509978
4.086378	4.778612	4.552931	6.191146	6.316966	5.375839	5.671334	3.108309	4.769778	5.709956
2.231234	3.025133	3.363776	3.55231	4.438831	4.323225	4.035761	2.339509	3.41469	3.450782
0.274842	1.755542	0.640802	1.196555	1.470503	1.591657	1.06595	0.285284	0.900581	1.601766
9.325491	8.77095	8.735398	8.016672	7.967677	8.724293	8.046616	9.290522	8.294076	8.383854
3.609809	4.593138	3.880037	5.834342	5.736008	5.016306	5.064597	2.818229	4.818659	5.541142
2.622105	3.271794	3.561867	4.462185	4.385681	4.190395	3.900655	2.344683	4.072403	4.294007
2.811362	3.212592	3.280663	3.586541	3.693893	3.660084	3.435979	2.339894	3.542352	3.657888
2.450724	2.760063	3.142527	4.189573	3.482192	2.928682	3.081647	1.92638	4.044528	3.477716
2.538497	2.851329	3.294595	3.190736	3.079134	3.510347	3.305162	2.639715	2.981657	3.128988
0.576815	0.736151	0.232955	0.333147	0.4518	2.063711	1.406055	0.362233	-0.02992	0.838694
3.400123	3.808489	3.904668	3.735892	3.810222	4.014309	4.040558	3.238038	3.565973	3.671472
2.963491	2.074675	2.67987	3.634558	4.685973	5.085178	3.277629	1.569655	2.601681	3.886943
1.12359	0.468977	0.880026	1.342615	0.998561	1.004512	1.028046	0.77112	1.12359	1.247583
4.177805	4.099426	4.538221	5.181215	5.78355	4.707982	5.328467	3.882871	5.701188	5.550529
1.167236	2.361465	3.637236	3.568735	3.615533	2.369152	2.361465	2.319008	3.827939	2.373739
4.627667	4.458094	4.395734	4.311594	4.246216	4.559912	4.556772	4.373256	4.346112	4.364659
2.757089	2.122859	1.808153	2.003226	3.533533	2.269708	3.043398	1.836193	2.21473	2.63494
3.432461	4.436255	5.203392	5.423353	4.897802	4.843856	4.933274	3.282208	5.298234	5.053103
4.903185	4.725867	4.900644	5.06365	5.616808	5.258276	5.303385	4.53163	5.56	5.32391
3.145082	3.182547	3.05677	2.414447	3.31268	2.87755	2.837171	3.117381	2.907448	3.005011
3.317608	3.413194	3.299867	2.608013	2.136615	2.098877	2.862865	4.336008	2.954623	3.413194
2.038908	1.810791	1.715854	3.210856	2.370753	2.884271	2.717157	1.607306	1.937771	2.648554
6.283245	6.201289	6.097696	5.163735	5.111871	5.276396	5.413262	6.500623	5.724453	5.469502
3.836668	3.871197	4.310243	3.562789	4.064194	4.149228	4.154598	3.966284	3.969487	4.483809
4.789216	4.882701	5.267079	5.379418	4.95317	4.836676	5.033692	4.359319	4.935777	5.06381
0.018737	0.048966	0.063859	0.048966	0.309722	0.093216	0.122019	0.018737	0.093216	0.063859
1.775001	1.115255	0.42448	0.383116	0.555286	1.828933	1.1904	1.343027	0.259048	0.810289
2.704858	3.551838	3.298692	2.007697	2.649027	2.222951	2.890707	3.193042	2.788492	2.553528
4.17382	2.993463	2.0926	2.414621	2.671292	3.030451	3.166866	2.526892	2.23613	2.602035
0.561554	0.614014	0.850721	1.687745	1.990892	1.412224	0.91409	0.181567	1.266739	1.386806
0.397046	0.966083	2.282039	0.388159	1.192777	1.541754	0.915178	1.433695	2.192717	1.215538

11.03816	10.74558	10.63237	10.14575	10.27308	11.36804	11.19456	11.31333	10.10346	11.1482
4.071678	6.138483	6.995673	6.421969	4.684486	5.404485	5.816801	4.524581	7.030681	5.345356
5.09386	5.126563	5.11027	4.026067	3.315043	4.737711	4.62298	5.057588	4.140997	4.56841
0.198595	0.60548	0.656996	1.083258	2.812772	0.945014	3.491616	0.069466	1.117471	1.761222
0.447125	0.306061	0.888123	1.352005	1.034955	0.714932	1.001693	0.641698	1.277136	1.345353
0.307306	0.628639	0.813605	0.483092	0.890911	0.483092	1.187481	0.476304	0.680717	0.971823
1.086176	1.628972	1.751932	2.38442	2.780633	2.480926	2.93362	1.057722	2.137042	2.719302
4.699596	4.686196	5.147264	4.786303	4.461575	4.920199	4.894301	4.705402	4.848243	4.46581
3.619226	4.232113	4.628225	4.735414	4.315762	4.901037	4.271432	3.761908	4.118155	4.515137
0.226379	0.172696	0.029448	0.131137	0.029448	0.502597	0.117024	0.239506	0.029448	0.638848
0.506328	0.218794	0.669926	-0.11308	1.020228	2.083622	0.704738	0.175328	0.472169	0.175328
6.759831	6.628561	7.303777	7.361624	7.810599	8.152465	8.392942	8.448479	6.79278	7.280521
9.010486	9.03066	8.992502	9.191119	8.873568	8.62355	8.820005	8.598071	8.752754	8.78281
5.151066	4.952767	4.857616	3.752436	4.61957	4.480194	4.92465	4.622092	4.77488	3.890935
0.858406	0.906875	0.983605	2.19279	2.002022	2.206509	1.631645	0.507544	1.369291	3.001757
7.220892	6.825666	6.195618	4.830511	5.248172	5.853637	5.561442	7.616643	5.563583	5.081199
3.22676	2.584409	0.884565	1.344527	1.884072	0.832853	1.847244	2.87376	0.820586	5.014504
2.655335	2.832865	3.495624	3.821384	4.146569	3.160585	3.533974	2.894047	3.619735	3.698925
0.881824	0.806098	1.845742	1.403228	1.047594	0.600851	0.657104	2.30708	1.131743	0.002475
9.909371	9.787746	9.440393	8.799503	8.3472	8.715357	8.436413	11.72506	8.954923	6.234704
1.920889	2.398771	2.533536	4.004831	3.495154	2.763856	2.960884	1.692364	3.363795	3.255773
3.871119	3.538205	3.577047	4.161802	4.759967	4.129762	4.699821	3.38063	3.737462	4.433256
0.406218	0.858478	0.731555	0.689227	2.019338	1.008353	1.580304	0.420232	1.647863	1.980234
4.612374	5.183523	5.637474	5.636104	5.771303	5.961146	5.578697	4.548596	5.407063	5.445145
2.829933	3.451077	4.188934	4.00303	3.52876	2.855269	3.294417	3.275349	4.205359	3.498497
3.285331	1.944196	1.820334	2.724418	2.533668	2.911414	2.993656	1.836192	1.18635	3.738702
3.162507	3.141327	3.225567	2.663465	2.610222	3.434906	3.564636	2.887969	3.083641	3.14868
3.741173	4.870158	6.264771	4.713855	4.12839	3.672275	4.548371	5.216414	5.410946	4.027456
5.033583	6.274656	6.422385	4.35159	4.608085	5.419408	4.562863	6.868557	5.531515	3.3708
0.854497	2.164992	4.832287	6.219974	2.436914	4.418126	2.368473	4.657903	2.494296	1.862804
4.163636	3.036038	3.431469	2.477456	2.648519	3.521224	2.671736	3.794681	2.449456	2.752481
1.952023	1.97211	2.206891	3.188743	3.741022	3.365575	2.652199	1.34799	2.602826	3.611171
1.555161	1.900956	2.247908	3.288259	3.121388	2.673668	3.047149	1.669522	2.722965	2.988793
2.211229	2.687379	3.657151	3.574907	3.792803	3.360061	3.109125	2.383637	3.884846	3.269793
1.289306	2.262983	2.66433	2.446318	1.827021	2.023275	2.370738	1.304477	2.221997	2.00577
4.006779	4.223577	4.348687	3.833113	4.583466	4.088724	4.537763	3.867168	4.117852	4.661256
8.859971	8.381928	8.097493	7.100616	7.210223	7.76131	7.829543	8.934695	7.705002	7.544385
0.607242	0.767377	1.095209	1.181685	0.995299	1.042931	1.175705	0.707545	1.847775	1.404839
6.631238	6.198032	5.694203	4.975611	5.397708	6.042228	5.913762	6.450363	5.113584	5.380303
0.387401	0.677524	0.822283	0.65436	1.421884	0.452618	0.646547	1.981105	1.025003	0.224869
2.811871	2.841841	3.171881	4.166446	3.954877	3.400173	3.242813	2.699338	3.375991	3.291197
3.67024	2.41238	1.782493	2.218499	6.220272	5.706026	4.210475	2.673725	3.110599	4.494004
1.460039	1.739666	1.76141	2.10709	3.630838	2.725683	2.453806	1.098262	2.202015	3.640251
3.694375	3.545443	3.082583	2.721799	3.244915	3.045899	3.318881	3.473961	2.720755	3.405804
3.702103	4.467873	4.948306	5.416967	3.709575	4.734403	5.040165	3.082116	3.188428	4.73542
0.182878	0.485153	0.433954	0.118815	0.232065	0.837925	0.369891	0.131868	0.207691	2.493588
4.653651	3.541378	3.119931	2.409702	2.894518	3.743437	3.337953	4.337029	2.182476	3.715109

0.721007	0.905338	0.614269	0.721007	0.391334	0.863803	0.50005	0.4192	0.614269	0.181671
3.315896	3.92575	3.557741	3.471516	3.772471	4.254002	6.112858	2.722718	3.306835	5.59691
2.512749	2.038243	2.171172	1.779038	2.335665	2.489688	2.385035	2.370563	2.583407	2.420392
3.774055	3.585737	3.959788	3.381049	4.640377	3.408979	3.620526	3.341254	4.175274	3.779313
2.02517	2.707539	3.356361	2.939626	3.416642	3.357588	3.273352	2.192478	2.670646	2.862235
4.574127	6.116198	5.970554	7.321997	5.741572	5.658057	6.357461	4.967976	5.337017	6.231888
0.806552	2.141563	2.5868	2.423839	3.442862	3.420152	3.127346	1.111169	3.08811	4.050569
6.376536	7.910452	6.97361	7.086793	7.220934	6.488039	7.727669	6.263666	6.560345	7.162154
1.428093	1.755502	2.577805	3.251343	2.696102	2.949019	2.234407	2.189849	1.674214	4.321496
1.7453	1.803559	1.742903	2.003692	2.93823	1.282394	3.00392	1.433461	2.476909	3.183601
2.37888	2.465535	2.907609	4.334073	4.210476	3.380559	4.035987	2.068737	3.351684	3.743123
0.399311	0.33383	0.072671	0.134556	0.149655	0.437334	0.424761	0.134556	0.103917	0.55784
8.129428	8.775589	9.096839	8.542759	7.87428	8.35923	7.871389	8.349146	8.581931	6.973234
4.201133	4.786983	4.879385	4.899496	4.824689	4.995952	4.697185	4.02719	4.674213	4.489865
2.182682	2.736964	2.793353	3.265255	3.84271	3.544785	3.973343	1.605608	2.821531	3.151582
0.120074	0.47134	0.938566	0.886304	1.405321	0.799898	0.855514	0.37513	2.670211	1.154845
3.645946	4.188766	4.336367	4.949398	4.57359	4.672244	5.055688	3.232147	3.609726	4.731883
1.054818	1.682961	1.070184	2.092527	3.362449	2.852449	1.092929	0.736158	0.950722	2.604585
1.501565	2.461185	3.047776	3.079749	2.758865	3.032382	2.971498	2.107806	3.050637	3.082524
1.902622	2.515561	2.784543	3.47632	3.599777	3.017181	3.884864	1.770844	3.047438	3.695058
0.212247	0.149073	0.526694	0.116205	0.191553	0.28201	0.149073	0.232593	0.410524	0.28201
0.029523	0.029523	0.073436	0.126009	0.051695	0.029523	0.062618	0.029523	0.051695	0.094762
2.220315	2.798134	2.937996	4.613322	5.165167	4.313046	3.494345	1.829218	3.892417	3.813845
2.879972	4.13107	3.897536	4.000614	2.168786	3.342074	4.563101	3.245754	2.680495	2.96738
1.389496	1.18336	2.303086	5.099944	2.359504	2.45391	3.493189	1.432277	2.133363	2.792493
1.966751	2.183173	2.657906	3.481487	3.320716	3.168046	3.314765	1.772876	2.998363	3.137571
2.527889	3.35071	4.057972	4.486784	3.945674	4.777788	4.673776	2.76706	3.727899	4.35277
7.09471	7.295618	7.497974	7.069221	6.269963	7.287614	6.893327	7.030202	7.140366	6.876131
0.01857	0.03176	0.03176	0.01857	0.044819	0.120584	0.057751	0.01857	0.24915	0.095807
0.816656	1.427245	1.070132	0.553735	2.090973	1.78819	1.419548	0.591644	0.901136	1.58225
1.757902	2.00669	1.938144	4.289376	2.647947	2.070964	2.910867	1.779556	3.306064	3.522793
6.199964	6.73438	7.960977	6.991209	7.071597	7.785233	8.126006	7.016512	7.662404	7.060744
0.019258	0.009424	0.048193	0.028997	-0.00051	0.121487	0.181482	0.048193	0.139	0.076313
0.133784	0.175214	0.802532	2.154302	1.072194	0.329776	0.480124	0.365916	0.749114	0.793768
2.976441	3.598703	3.652082	5.106308	4.316841	4.251947	4.594256	3.106666	3.641887	4.38333
6.601935	5.956171	6.360683	5.209665	5.333484	5.711531	5.516356	7.373195	6.283976	5.68788
5.562656	5.914401	5.815793	4.954351	5.214086	5.135428	5.401987	5.686829	5.497883	5.301003
3.762091	4.302887	4.59674	5.178042	4.691318	4.378718	4.536908	4.00564	4.415223	4.29582
2.791244	3.588844	3.725391	4.526014	4.451094	4.182386	3.819825	2.491551	4.222816	3.937117
0.582727	1.046144	0.608594	0.484244	1.376708	1.769624	1.604125	0.534583	0.4315	1.358707
2.19125	3.493885	5.395652	6.241964	6.172597	4.485929	5.226926	2.103102	4.25349	6.714826
0.015591	0.046974	0.302598	0.036615	0.015591	0.004922	0.004922	0.046974	0.087439	0.004922
4.476696	4.578206	5.968594	6.170989	6.780601	7.059832	6.359352	3.516984	6.017541	7.324351
3.182668	4.326984	4.429724	4.294857	4.361436	4.496173	4.38383	3.120887	4.10683	4.339369
3.673597	4.030774	3.988744	4.926175	5.491164	5.017481	4.677958	3.242699	4.227031	5.417903
1.296195	1.997235	2.477799	3.638028	3.258767	2.690068	2.816898	1.187524	3.372696	2.883566
5.549794	5.359949	5.314146	4.682395	7.317503	5.976558	4.444195	6.093134	4.768559	4.066698

2.084089	2.272166	1.801064	1.779532	2.169621	2.50163	1.750248	1.735351	2.998921	1.339024
0.025018	0.585615	0.934221	0.116516	0.251877	0.001022	0.149122	0.459602	1.149531	0.060145
3.712552	4.162073	3.26548	4.291063	5.297638	3.980317	5.867101	2.825006	3.873514	4.85854
0.382102	0.352806	0.411121	0.293357	0.352806	0.323226	0.323226	0.293357	0.293357	0.323226
0.021264	0.168875	0.243336	0.231195	0.168875	0.168875	0.290885	0.130121	0.314073	0.168875
6.800933	6.752273	7.158477	5.886912	6.493281	6.16254	6.033467	6.501581	6.825536	6.27654
2.684437	3.124742	3.799871	5.136893	3.904294	3.597787	3.341814	2.084117	4.004246	3.366146
1.133498	2.436089	2.854508	2.991963	3.369243	3.291346	2.007086	1.989155	2.998366	1.973558
0.987671	0.844642	1.605918	1.02694	1.973078	2.561785	0.871039	0.835724	1.447242	0.601255
6.690183	6.757759	6.678109	6.761469	6.990207	8.137038	6.983943	6.420232	7.080927	7.573792
0.000439	0.106875	0.174536	0.036611	0.000439	0.089561	0.072081	0.000439	0.174536	0.072081
1.776906	1.765106	1.159455	1.813881	1.621368	2.779692	1.916151	1.251565	0.70602	2.586066
2.622891	2.818248	2.357199	2.606635	3.569776	2.372506	3.574451	2.281424	2.561715	3.966481
6.544569	6.023422	6.365062	6.423282	6.142341	6.521197	6.098526	6.729546	5.944899	6.491151
0.07601	0.376369	0.446802	1.031271	1.224343	0.417074	0.257504	0.175894	0.175894	0.417074
0.054384	0.103075	0.195222	0.103075	0.97086	0.526236	1.804139	0.228133	0.381061	0.390634
3.9011	4.42663	4.04612	4.477145	4.715022	5.062713	5.353264	3.173216	4.349117	4.994482
4.34648	5.102353	6.590965	5.851402	5.50595	5.193849	5.667472	5.116824	6.504389	6.394381
0.034942	0.010393	0.059014	0.117225	0.047036	0.326067	0.047036	0.034942	0.082628	0.022728
11.05682	10.79473	9.764799	9.011526	9.30394	9.791522	10.68673	11.00773	9.457202	10.13917
4.826015	5.154734	4.481427	4.738772	4.802988	4.41565	4.972409	4.342289	4.620954	5.097936
0.8384	0.356894	1.138548	3.124205	0.686816	1.379804	0.91597	0.814257	0.814257	4.067041
8.012377	8.896516	7.324651	6.221834	7.726255	8.514248	6.209674	8.551708	5.895925	7.743696
2.495625	3.442737	3.781681	3.387083	3.763143	4.219088	4.265828	2.349027	4.092341	4.407626
2.975033	3.247486	3.23059	3.229525	4.068464	4.029345	3.887746	2.759902	3.834095	3.861847
1.211591	0.760169	0.723487	1.235659	1.83852	1.174512	1.567504	0.710993	1.003165	2.553378
0.022485	-0.0264	0.069963	0.054288	0.131218	0.146184	-0.0264	-0.0264	0.261271	0.006351
0.447736	0.637604	0.949097	0.733461	0.26857	0.891806	0.41359	0.481115	1.465957	0.242961
4.351028	4.349948	4.761498	5.137162	5.528597	5.950009	5.379901	3.757426	5.239963	5.830542
1.211744	2.159424	1.957388	3.620909	4.57329	5.404957	0.983172	1.372479	4.001697	3.900361
4.019174	3.214071	2.463906	1.377785	3.078287	3.364698	2.502866	2.647395	1.781006	3.554705
5.361469	6.148162	6.291515	6.262214	5.131404	5.087097	5.35537	4.563598	5.787097	4.903764
1.561253	0.238693	0.550952	1.697208	0.392227	1.261112	1.817187	1.453996	0.666293	2.243559
3.76278	5.036333	5.095131	5.514242	5.793867	5.367411	4.936634	3.571177	5.537018	3.142886
2.775957	2.070826	2.037641	0.740349	1.681503	1.932129	1.443109	3.323893	1.514744	1.43672
3.575306	3.613854	3.641984	2.934296	3.103094	3.503361	3.447921	3.696283	3.548741	3.508325
0.631305	0.429786	0.938428	1.299218	2.261852	2.317801	4.279572	0.753396	1.084194	2.282003
0.277379	2.047884	1.01902	0.32579	0.895999	0.581139	0.57345	0.119139	0.565712	0.959092
4.622507	5.666079	4.93945	4.586287	4.012703	4.218079	4.352299	4.458141	4.759132	4.63366
4.623217	4.889666	5.64925	6.77902	6.100291	6.068547	5.471089	5.341503	5.249463	5.912529
1.026312	0.748621	0.605903	0.764417	0.523411	1.01989	1.205397	0.48498	0.455385	1.082701
2.473825	3.829606	5.740697	6.735142	5.177275	4.308339	5.112371	2.418321	4.29708	6.783095
6.199943	6.628754	6.533082	7.085655	7.36398	6.735666	6.5225	6.070004	6.941629	6.065738
0.206827	0.577809	0.655896	0.396466	0.249152	0.300164	0.40571	0.423999	0.545191	0.021971
3.057189	2.888832	2.784595	3.033085	2.805087	2.81567	2.922366	3.188281	2.424347	2.666174
1.372549	1.858879	2.109869	2.584953	2.519182	2.208263	2.144621	1.182503	1.189526	1.863119
2.319373	1.843647	2.721563	2.914329	3.146904	3.025278	2.146022	1.912793	2.525627	2.513833

2.698917	3.106238	3.807499	4.865238	3.174304	3.167876	3.369722	2.265815	4.234724	3.691643
2.07406	1.688441	2.445099	2.818902	3.409739	2.788367	3.306339	0.675269	2.33349	5.618884
1.295202	1.719644	2.805617	4.209687	4.024729	2.076711	1.646279	1.42045	2.891241	1.973036
3.36518	2.778908	3.08025	3.673364	4.022869	4.30461	3.957262	2.907275	3.621782	3.993618
9.945414	10.46713	10.16271	9.680301	9.138141	9.88658	9.566956	10.69289	9.381198	9.580364
3.910366	4.298091	4.545388	4.542937	5.361107	4.671219	4.874527	3.279684	5.035621	4.404341
2.813789	2.138949	2.238598	4.316534	3.78301	3.221582	3.506959	1.720168	2.026517	4.855725
6.022009	7.002586	8.172774	9.390929	7.21407	6.855727	6.106267	7.873096	7.316939	6.129561
3.321649	4.025712	4.147817	4.048507	4.431273	4.483242	4.683123	3.283487	3.879306	4.094699
1.932628	2.678304	2.92673	3.784914	3.433044	3.095551	3.439902	1.794043	3.315433	3.627882
0.773862	2.220924	2.246369	1.133012	1.654841	0.342464	1.986978	0.851153	2.054711	1.390813
2.147576	2.471692	2.986237	3.429537	3.043196	2.449768	2.618405	2.106316	3.083616	3.84175
3.41095	3.685073	4.331825	4.29786	3.488274	3.738255	3.399539	3.286916	4.228672	3.987778
2.326663	2.572473	3.078633	3.407458	3.316149	3.396933	3.417874	2.229111	3.226141	3.582265
0.590495	1.500061	2.020077	2.689218	1.80962	1.410061	1.082893	1.094641	2.058976	0.608387
2.181969	2.260734	2.384641	3.520943	4.459741	3.495666	3.695044	1.609594	2.52904	4.107314
1.177835	1.484758	1.519554	2.168947	2.038285	1.342158	1.825634	1.228812	1.825634	2.028828
2.210576	1.863526	2.823092	3.561785	3.418247	3.026184	2.993	2.507091	2.84073	3.1784
3.32251	5.178706	4.342303	4.314224	3.916526	4.942069	5.538531	6.234014	2.317358	2.025495
5.162273	4.65484	4.450876	3.494878	4.21673	4.541691	4.544923	5.448624	3.959693	4.476956
0.560246	1.006289	0.925641	0.999755	2.715598	2.469287	4.205206	0.435378	0.79452	1.573922
4.477412	5.110102	4.866534	4.549521	4.934557	5.001088	4.960027	4.476495	4.781591	4.999139
2.462688	2.618424	2.440713	2.648619	4.919561	4.203009	3.291376	1.668345	2.598853	6.67711
3.560361	4.125718	4.265279	5.161886	5.089134	5.157348	4.702282	3.786048	4.257877	5.194308
4.672222	4.741663	4.809311	5.327628	4.731551	4.258697	3.956547	4.855087	4.791289	4.107852
3.127715	3.926777	4.44609	5.411112	5.096367	4.509342	3.817033	3.048728	4.977925	4.887549
3.721409	3.786182	4.723848	5.161723	5.607685	4.63146	4.700269	3.77997	4.749195	3.895447
6.302596	5.910649	5.502871	4.494192	5.772755	5.333186	5.675442	6.581067	5.251092	5.37115
5.204585	5.708313	7.62245	8.265851	3.907753	6.719801	5.014369	9.069654	4.811646	2.825673
3.082575	5.235802	3.83266	6.484114	7.18941	2.664534	5.040285	2.175509	4.923726	4.775712
3.285648	3.220986	3.489913	3.696548	4.453806	4.066911	3.662122	2.706571	3.720471	3.595064
5.10333	6.272812	6.950606	7.604269	6.268558	5.126108	6.473833	3.977313	7.009285	5.588913
1.560034	1.66711	1.944655	3.293373	2.53895	2.249133	2.350133	1.404977	2.282919	2.78219
2.17408	2.803352	2.612902	2.615126	3.01181	3.403734	2.925091	1.731336	2.829486	3.680055
2.314478	2.691797	2.55134	2.798035	3.502996	3.983014	2.915805	2.345365	2.091453	2.030984
4.896992	3.556752	3.162702	1.950845	2.845702	3.302926	2.997088	5.078625	2.221879	3.117354
0.15341	0.182261	2.136654	0.246847	0.357798	0.264641	0.544681	1.657256	0.984308	0.307939
4.991313	5.127227	5.240366	5.483339	5.548353	5.228401	5.182643	4.599196	5.478557	4.926162
3.23368	4.057182	4.537265	5.288628	4.394802	4.667041	4.850358	3.517951	4.513318	4.16599
4.266081	4.957312	5.179551	6.114575	5.372285	5.466661	5.439562	3.963443	5.182012	5.813256
1.867513	0.514663	0.526115	0.06282	0.115899	0.149767	0.080831	1.254524	0.229695	0.310753
1.438694	3.627381	3.059451	2.863735	0.77831	2.425895	2.677837	2.733985	1.635354	2.387281
4.989519	4.088368	4.076274	3.112338	4.365772	4.2438	4.127876	4.974172	3.621275	3.49997
4.190071	2.824346	3.350567	5.005752	6.158074	5.516589	4.113697	2.330443	3.020639	6.621324
2.411998	2.937182	1.983119	1.810318	1.83302	1.85775	1.71218	1.922076	2.488088	1.580844
2.355119	2.472933	2.540885	4.189816	3.765108	3.301812	2.630036	3.180899	2.850133	3.212796
5.443736	6.178147	6.57059	7.138931	7.294197	6.847743	8.124131	5.025095	6.847224	7.117141

1.763476	2.588755	2.228821	3.566911	2.870226	2.943653	3.269748	1.616217	2.337898	3.443176
0.701657	1.181917	0.68974	0.827321	1.081474	0.565549	0.665644	0.173909	0.173909	0.713488
3.87725	4.475394	5.022333	4.724419	5.088329	4.915814	4.886715	4.155803	5.003629	4.779595
2.167453	2.762917	3.114876	4.646647	4.169251	3.434744	3.239444	1.86478	3.521174	4.600331
0.781042	2.289605	5.182272	3.262947	2.192275	0.837991	2.527474	3.426647	4.847062	1.339553
0.988788	1.660204	2.025222	1.60449	3.330551	3.046628	3.001155	0.942948	1.878114	3.034297
0.098724	0.028819	0.071166	0.014424	0.165406	0.864801	0.098724	0.178381	0.057188	0.057188
5.609509	5.341497	5.406693	5.121252	6.281575	5.874794	6.428808	5.106938	5.677696	5.999392
5.099995	6.114848	4.952937	3.984188	5.08111	6.061399	5.738302	6.319298	3.874489	4.569912
5.781949	6.196399	6.4553	6.44545	6.550667	6.890428	7.171048	5.93507	5.964423	7.011064
4.234672	5.546227	5.581945	5.561481	5.604685	5.392371	5.305466	4.247527	5.302679	4.697863
5.041912	4.193826	4.148077	2.86503	4.078866	4.173988	3.887533	5.713366	3.517287	3.991226
1.88247	1.994427	2.516472	3.723378	3.524565	3.094451	3.058187	1.681962	2.802943	3.17293
3.85155	3.921798	3.577004	3.465841	4.113147	3.104529	3.319187	3.409633	3.663107	3.532301
0.049712	0.272447	1.12728	0.194822	0.452805	0.304327	1.243283	0.049712	0.194822	0.560317
0.20352	1.056954	3.954006	0.458835	0.756787	1.448674	0.724182	3.960997	2.202197	-0.10218
0.791466	0.703093	0.990391	1.478231	4.358232	2.818861	4.903227	0.507283	0.397849	2.548192
2.305842	2.128417	1.661016	0.532557	6.129497	3.292394	1.759778	2.16063	1.166578	2.968343
7.036016	7.27307	6.844438	6.587282	6.545498	6.563201	6.549361	6.269962	6.797657	6.256276
3.748975	3.834135	3.924105	3.153207	4.11119	3.700763	3.996747	3.73913	3.737244	3.716758
2.994227	4.199499	4.784747	5.268746	4.324866	4.978702	4.6901	3.251649	4.514634	4.16074
2.884053	3.090961	3.275888	4.043341	5.038581	3.395102	3.762457	2.929428	3.83215	4.028494
3.569067	4.174632	3.317054	3.467344	4.955043	4.006347	4.935918	2.693381	3.907656	3.880907
2.344154	2.587974	3.032699	3.776264	5.333891	3.570593	2.97976	2.121098	3.468476	3.530494
4.694643	4.815084	5.299246	4.9921	4.718951	5.408062	5.289292	4.850289	5.340813	4.237477
1.287465	3.774192	4.486486	6.067029	3.542598	4.316373	2.789272	1.897301	3.682494	3.192226
1.978146	2.217465	2.143421	2.522306	3.428004	2.640843	2.203056	1.591676	2.617361	2.48047

CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16	CGGA_16
0.549988	0.252371	2.092486	1.462305	1.175401	0.491608	1.018082	0.114295	0.299211	0.240398	
0.94301	1.262625	2.500363	1.754225	1.430753	0.386927	2.448212	0.869594	1.306533	0.783372	
4.458039	4.916254	5.306618	5.611765	5.330938	5.28422	5.735646	5.45186	5.666412	3.492039	
5.331678	5.606349	5.370141	2.705189	5.189364	1.511685	2.143751	4.270889	3.285476	0.467162	
0.816068	0.639178	0.963703	2.290661	0.678507	0.697727	0.744548	0.858817	1.253538	0.445485	
7.018286	7.077779	7.434466	6.670191	7.672802	6.806463	7.084523	7.60453	7.219991	3.815639	
5.701388	5.713623	5.770753	5.862107	4.941601	6.560964	6.046529	5.410486	5.619111	5.714069	
0.730176	2.078446	0.449465	1.445273	0.850304	0.443897	0.368676	0.247962	0.51406	0.006556	
0.30211	0.175555	0.009871	0.261317	0.059466	0.009871	0.009871	0.219163	0.186599	0.071566	
4.775641	5.055399	5.024385	5.929057	5.551701	5.422544	5.538252	5.279685	5.699689	2.379483	
5.130239	4.933287	5.518307	4.794609	5.288475	5.568408	5.154108	5.017904	5.314408	2.077411	
2.171974	2.687053	3.104535	3.944714	1.984126	2.406268	2.71978	2.31717	2.147013	1.967286	
2.611452	2.35305	2.664864	1.646938	2.402334	3.201551	3.153919	2.053001	1.452887	1.038737	
3.653619	3.506446	2.681665	4.225704	3.259141	3.625512	2.912254	3.83599	2.870623	3.915482	
3.875887	3.373398	5.087837	6.414066	4.440048	5.088394	5.451917	4.00798	4.527582	4.127548	
1.782799	2.255868	3.007987	3.91642	3.322008	4.175739	3.434632	3.391956	3.445042	1.692687	
0.449798	0.274842	1.899177	1.47799	0.545063	1.673331	1.191793	0.663556	0.837637	1.47799	
9.64866	9.556534	8.476411	8.550883	8.414359	8.041864	8.342963	8.998788	8.573022	6.867997	
3.213988	2.905917	4.923492	6.781228	4.512715	4.555161	4.844701	4.381553	4.893258	3.679933	
2.256576	2.36846	3.690019	4.75522	3.710983	3.744952	4.070355	3.431536	3.500105	2.299526	
2.241585	2.394621	2.806296	3.828864	2.978729	3.399788	3.424057	2.730768	3.262447	1.755706	
2.434933	2.005713	3.040028	3.710241	3.220763	2.992667	4.337349	2.025519	3.116839	1.490821	
2.254449	2.862708	3.022594	3.33009	2.873964	2.684897	2.962764	2.981657	3.018434	1.222305	
0.689115	0.509812	0.611719	1.117483	0.974553	1.549789	0.0957	1.288369	0.104796	0.815128	
2.913259	3.215852	2.949154	3.598134	3.371451	3.238038	3.232802	3.640329	3.247393	1.295139	
2.357278	1.469198	3.75475	3.455743	2.731692	3.816402	3.826053	1.863934	2.434158	2.598985	
0.998561	0.538653	1.079498	1.83972	0.735136	0.588574	1.197342	1.970739	1.541989	-0.01231	
4.468648	3.736092	6.305973	5.722025	4.479921	5.482096	5.112757	4.328486	5.021394	3.112709	
1.33499	3.028623	2.47013	3.15777	2.758034	3.157017	1.841652	1.899289	1.938375	4.277018	
4.404089	4.280006	4.773782	4.802242	4.948877	4.400464	4.416682	4.612242	4.688102	4.798725	
2.656117	1.345671	3.124821	1.429764	4.082962	4.865703	3.652483	2.575964	1.280325	1.145576	
3.367467	3.164059	3.488132	5.56694	4.067157	5.536856	4.772344	3.723014	4.454363	2.554531	
4.90391	4.695407	5.531656	5.325667	4.864462	5.522191	5.465694	4.70407	5.645802	2.983984	
3.926059	2.947407	2.473647	3.539942	2.754296	3.591811	2.85271	2.621962	2.907448	1.384564	
4.144364	5.439686	1.429465	3.473732	2.960758	1.574122	1.090221	2.421104	2.389039	1.413246	
2.324374	1.358041	2.200574	2.922764	1.75813	1.838146	2.375525	2.241601	1.909172	2.841271	
6.245934	6.754911	5.579767	5.060416	5.578004	5.584548	5.593847	6.005836	5.882166	2.732976	
4.293965	4.175809	4.393373	3.90235	3.646665	4.33269	3.856454	4.083486	3.462959	2.687769	
5.127516	4.639601	5.075483	4.875879	4.88666	4.524274	5.312327	5.250289	4.507145	3.771963	
0.554019	0.018737	0.078608	0.107686	0.033927	0.093216	0.033927	0.107686	0.033927	0.617194	
0.45657	0.927954	0.408106	0.562552	1.015391	0.666556	0.922606	0.878937	1.273152	-0.03602	
2.653775	3.545624	1.997104	3.156468	2.902433	3.309067	2.064423	2.764123	2.721435	0.909307	
3.428996	2.101546	4.93956	2.41803	3.156007	2.610737	3.218842	3.625674	1.664017	0.689719	
0.838804	0.360383	0.88573	1.630139	0.202904	1.08035	1.433562	0.42288	0.718781	1.168526	
1.188174	1.820685	0.819043	1.876867	0.577699	1.555462	0.767959	1.379772	0.53894	0.062737	

10.67455	10.52791	11.39176	9.934319	10.97205	10.1639	11.08476	11.51733	10.5363	7.695956
4.258942	4.941797	4.681518	6.304606	4.941399	3.853581	6.129791	3.29917	5.343647	2.258159
4.517733	5.323517	3.316955	4.679497	4.825904	3.819836	3.968103	4.714836	4.686429	1.116781
0.244627	0.150636	1.822046	2.18265	1.448221	1.345916	0.625071	1.29654	0.900065	0.21723
0.575907	0.518755	0.471389	0.950357	0.371852	1.378318	0.541881	0.292544	0.384666	0.755208
0.353965	0.299332	1.729565	0.680717	0.669356	0.144908	0.757108	0.954352	0.4626	0.126326
1.006012	1.028483	2.080897	3.0834	1.702093	2.058701	2.102638	1.848511	1.94329	1.946412
4.026548	4.781342	4.621265	5.156953	4.792752	4.470026	4.477884	4.554614	4.599395	2.585833
3.061005	3.350138	3.636387	4.510477	4.335287	3.855668	4.56072	4.215483	4.261321	1.965588
0.117024	0.102778	0.772959	0.226379	0.186298	0.131137	0.352753	0.15897	0.131137	0.029448
1.1694	0.621897	0.819267	0.348256	0.092934	1.972265	0.371064	1.076236	0.669926	0.808814
8.87581	8.319732	8.30072	7.514921	8.275412	8.409219	7.538827	8.378702	8.360711	5.065764
8.229501	8.645577	8.779342	9.404697	9.153345	8.57581	9.021208	8.76009	9.105411	5.173649
4.745822	4.858817	5.171463	4.990034	4.435547	3.410574	4.413863	4.485102	5.18246	1.175306
1.130557	1.041693	2.735986	1.9459	0.82499	3.011667	1.442911	1.005714	0.700249	1.390783
7.469365	7.850239	5.884891	5.073538	6.052595	5.805438	5.387215	6.62634	5.906076	2.744495
2.544939	2.258429	3.49226	2.184463	2.587113	1.651356	0.628858	1.482712	2.577166	-0.17751
2.478124	2.814159	2.951812	3.904892	2.735758	4.289757	3.177993	2.943517	2.723469	2.062624
2.422386	2.354018	0.484764	0.484764	0.215335	-0.21662	0.761664	1.033514	0.177468	0.146209
11.83285	12.16776	8.719775	7.330796	10.79812	9.697282	9.201963	10.27905	8.993436	6.941417
1.909665	1.624942	3.428227	3.587938	2.587062	3.133755	2.853861	2.453079	2.487735	3.488019
3.742303	3.501885	3.805428	4.646408	3.978058	4.149111	4.067587	3.932696	3.645983	2.373982
1.204582	0.33322	1.250026	1.167453	0.50063	1.089042	1.118232	1.070381	1.016308	0.13425
4.090068	4.753045	5.010812	5.79478	5.150896	5.271635	5.422222	4.935918	5.306259	2.800662
2.472445	3.596849	2.900041	4.119283	2.421501	2.832944	3.149044	3.131916	3.443265	2.674975
2.719325	1.910068	3.893751	2.694838	2.387125	1.8596	2.743332	2.250922	1.356985	0.889621
2.250538	2.917803	3.802199	3.07186	3.149412	2.86113	3.289432	3.957313	3.674036	1.372772
3.679667	5.554029	3.605796	5.151283	4.41797	3.58885	3.529319	4.255809	4.038339	2.146561
4.525759	6.53272	5.100704	4.802947	4.13138	4.721747	3.116368	5.948271	4.739639	2.019154
2.399032	2.578272	3.304711	4.037337	2.476312	1.631817	2.011615	4.71406	0.799224	1.039141
4.732651	3.738879	4.226715	2.226846	4.408614	4.582764	3.753676	7.051197	3.75113	2.142504
1.946948	1.588829	3.276972	3.966267	1.962107	2.789315	3.205104	2.674758	2.081583	2.921672
2.298149	1.528555	2.279919	3.61062	1.768322	2.693312	2.549386	1.998208	2.394279	1.565618
2.156907	2.371554	3.343097	3.767674	2.884793	3.372015	3.23116	2.879147	2.800852	2.305771
0.954556	1.546813	1.395649	2.56734	1.12669	2.600941	2.292913	1.425057	2.008289	0.798065
4.251759	3.674241	5.424822	3.710482	3.851821	4.458003	4.257628	4.415816	4.803834	1.671857
8.854507	9.088388	8.133224	7.028024	8.108605	8.660512	7.823002	8.130154	8.340263	4.967754
0.616704	0.901649	0.931228	1.518908	0.855908	1.317149	1.12054	0.616704	0.952957	0.412126
6.214922	6.362777	5.905179	5.059025	5.999912	5.351522	5.590373	6.260651	6.204658	3.633469
1.215801	1.036689	0.434314	0.849408	1.603664	2.83046	0.630779	0.614818	0.514739	0.026727
2.8839	2.610483	3.394763	4.213225	2.392592	3.736453	3.443176	2.919313	2.91308	2.039525
3.570455	1.332615	3.594621	0.663364	2.273304	4.903154	4.199901	3.534752	3.888438	1.287282
1.608183	1.229785	3.913642	2.560118	1.922191	2.953966	2.269056	1.30108	1.854549	1.648411
4.080719	3.614494	4.125344	2.965083	3.330517	3.716506	3.167275	3.570048	3.393903	1.612047
4.572845	3.892814	4.204002	4.535213	4.086635	6.035839	3.121724	4.098749	3.363024	3.781158
1.092886	0.232065	1.073353	0.182878	0.051625	0.170301	0.402295	0.182878	0.646236	0.051625
4.36466	3.59723	4.771429	2.270919	3.997606	3.312043	3.794168	3.978461	3.163885	1.0473

1.246378	0.362983	2.511889	0.228925	0.473543	0.831943	1.221235	1.229659	0.14939	0.228925
3.135078	1.592999	5.787418	3.556496	3.960668	4.502299	4.743685	3.271487	3.627936	2.710665
3.063771	2.097412	3.558303	2.652148	2.88648	2.109398	2.28168	3.136463	2.844973	0.314296
3.600193	3.75337	4.13316	3.539771	3.493343	4.900915	3.822194	4.047535	3.752176	2.106025
1.891995	1.956078	2.880676	3.287209	2.594029	3.445261	3.833746	2.912897	3.406733	2.11807
4.209597	4.039786	5.846569	6.873105	5.832309	6.24091	6.535098	5.945853	5.774149	4.795413
2.35867	0.500284	4.999574	2.438828	2.090367	4.15297	3.388505	1.926227	2.143487	1.411481
6.661943	6.90095	6.90632	7.500333	6.545773	7.465283	7.806001	5.327842	7.224537	4.671625
1.759246	1.078952	2.443033	2.614652	1.53052	2.817459	1.678205	2.213632	4.319991	1.978551
2.462278	1.380956	2.985989	2.374049	2.400377	2.587278	2.136312	2.300981	2.67835	1.30429
2.182067	1.965471	3.078327	4.320628	2.326718	2.673065	3.194775	3.76905	2.883048	2.845151
0.946626	0.072671	0.194105	0.194105	0.251488	0.179427	0.733339	0.208648	0.088372	0.194105
8.026442	8.536621	8.11118	8.370767	8.360972	8.547852	8.530628	8.626708	8.52545	5.5727
3.491445	4.03303	4.05164	4.464675	4.366539	4.983511	4.412585	4.19063	4.792649	2.990247
1.894639	1.605608	2.10849	3.58624	2.936652	3.089033	3.284488	1.711257	2.768397	1.439321
0.672478	0.627212	1.510364	1.103908	0.460979	2.244289	0.521992	0.824012	0.450539	0.259604
2.594178	3.153583	3.408191	5.396463	3.728027	3.904731	4.090638	4.029455	4.097768	2.390492
1.282891	0.865179	2.830173	1.584908	3.618696	4.966929	1.077805	1.173375	0.90001	0.706936
1.669758	2.16979	3.184471	2.94019	2.555963	2.57573	2.487756	2.662373	2.772657	1.526738
2.007784	1.681964	3.293649	3.833832	2.849497	3.062246	3.219068	2.482931	2.844085	2.364326
0.904263	0.427817	0.105048	0.486472	0.5502	0.310721	0.011882	0.023927	0.262485	0.093787
0.483488	0.029523	0.062618	0.051695	0.051695	0.643209	0.08415	0.094762	0.029523	0.176225
1.731627	2.190389	3.752208	3.826021	2.694881	1.421322	4.122866	1.185213	3.384819	1.396342
3.823363	3.549125	4.196264	4.383872	1.517148	1.001353	4.513531	2.25015	3.535006	0.838502
1.759899	1.498036	3.095697	3.318421	1.465555	2.971632	4.11244	1.06721	1.663979	2.621533
1.767928	1.584706	2.717427	3.435491	2.301644	2.640283	2.889255	2.480257	2.851525	1.619368
2.375793	2.796348	3.712473	4.115646	4.072361	3.720215	3.939485	4.354315	3.659625	1.87655
6.787253	7.140206	6.252919	7.072929	7.22911	6.568167	7.394467	7.115921	7.313	3.997026
1.425293	0.226683	0.01857	0.314353	0.057751	0.203829	0.01857	0.057751	0.01857	0.01857
1.090369	0.546014	2.450221	0.946975	1.438703	3.076105	1.339859	0.635671	2.033144	0.538246
2.186558	1.499979	2.674	3.728525	1.362798	1.924935	2.637339	1.861895	1.800765	2.887079
5.3655	6.71226	6.547531	7.384035	7.352081	5.935224	6.811354	7.113378	7.222998	2.595844
0.922071	0.028997	0.139	0.173129	-0.00051	0.009424	0.650631	0.019258	0.057655	-0.00051
0.424172	0.458008	0.175214	1.611986	0.147729	0.202175	0.175214	0.353972	0.424172	0.693601
2.860798	2.988779	3.117514	5.084884	3.630292	3.775995	4.062738	3.540915	3.235466	3.068886
6.436344	7.376734	5.335581	5.232092	6.086031	5.099497	5.743957	5.951942	5.999975	3.760917
5.525935	6.093248	5.606345	5.131625	6.179505	4.845362	5.251446	5.802973	5.776054	3.902799
3.908676	4.004981	3.886167	4.672391	4.045725	4.471493	4.673111	3.679475	4.131811	3.183364
2.543069	2.696508	3.394583	4.746021	3.614116	3.66088	3.974388	3.531852	3.446093	3.126665
1.049579	0.277138	1.1129	1.049579	0.796243	2.429291	0.967729	0.540037	1.089991	1.261191
3.969691	2.22281	6.522609	3.807148	2.961655	4.973258	4.339744	4.92055	5.70421	3.576447
0.737336	0.182386	0.015591	0.004922	0.004922	0.057235	0.004922	0.026154	0.004922	0.026154
4.224347	3.45426	6.50683	5.586237	5.324735	5.818353	6.27044	4.85573	8.150902	4.807526
3.185513	2.916322	3.608112	4.650892	4.204433	3.827885	4.371176	3.940254	4.013589	2.517225
3.69714	2.924499	4.392427	5.472188	4.176195	5.518312	4.664314	3.803557	3.885478	3.606912
1.486781	1.441552	2.980074	2.889411	1.905503	2.757877	2.790587	1.925414	2.475279	1.023122
5.447078	5.644918	5.394892	4.870576	4.93134	4.588974	4.886428	5.51634	5.378533	2.421665

3.689443	2.034641	1.164303	2.625231	2.32997	1.967678	2.148089	3.14904	2.13992	0.258623
1.010322	0.726678	0.001022	0.10545	0.03684	0.10545	0.013079	0.094281	0.149122	0.025018
2.932683	2.568091	4.764037	5.009163	4.753858	4.233304	3.921659	3.854342	3.00873	2.687488
0.293357	0.382102	0.496563	0.232732	0.323226	0.293357	0.606899	0.293357	0.232732	0.468347
0.076739	0.076739	0.255374	0.103682	0.049274	0.804702	0.156075	0.370433	0.116963	0.021264
5.912654	6.589589	6.034531	5.712459	6.432043	6.549581	6.925803	5.682417	6.722729	3.292876
2.693081	2.72911	3.729918	4.1128	3.266905	3.473022	4.386672	3.470825	3.268216	2.840442
1.252913	1.467871	2.749605	2.946108	2.019723	3.094239	2.285296	1.816649	2.049492	1.105794
0.546666	0.733415	1.323557	1.447242	0.454319	1.747496	1.317366	0.947194	1.145258	0.328947
6.836889	6.453917	7.95499	7.454476	6.664733	6.25247	6.700321	7.416567	6.856988	5.086329
0.124027	0.000439	0.000439	0.157854	0.036611	0.000439	0.000439	0.000439	0.000439	0.036611
1.618681	0.651669	3.072454	1.924453	1.454216	2.029199	1.514609	2.672869	1.179255	0.735152
3.569776	2.560648	3.158833	3.155733	2.808071	3.281708	3.02955	2.78395	2.945637	1.138977
6.453611	6.543865	6.031611	6.166856	6.713137	5.333617	7.334984	6.484592	6.164011	3.727957
0.211488	0.211488	0.175894	0.396878	0.187865	0.257504	0.301973	0.126895	0.114356	0.475876
0.18406	0.270736	0.311965	0.543276	0.500243	0.739068	0.078962	0.609251	0.584908	0.016609
2.873119	3.024596	4.663094	5.668326	4.73861	4.185894	4.503164	4.193228	4.832624	2.282132
4.224083	5.366913	4.491227	6.141816	4.671218	4.713126	5.192361	4.348115	5.20224	3.612861
1.126304	0.183653	0.33564	0.246701	0.022728	0.504747	0.1058	0.194386	0.059014	0.022728
11.55713	10.77869	9.586201	8.590595	11.02253	9.571726	10.25472	10.78131	10.93853	5.954033
4.329087	4.139196	5.024067	5.005773	4.488136	4.811972	4.83706	4.890327	5.05881	2.552086
2.119881	0.390345	1.594558	1.092817	0.566032	0.496361	0.345562	0.486117	2.707848	1.385194
8.782304	8.748035	7.33561	5.15826	9.221279	8.331905	6.425919	8.341813	7.507883	4.866791
2.521798	2.275536	3.624178	3.792131	3.542694	3.451735	3.999266	2.955876	3.786919	1.724981
2.388003	2.620039	4.090891	4.233595	3.269272	3.274395	3.791094	2.987081	3.304639	1.76654
1.995846	0.633019	2.619137	1.57932	1.105469	1.943636	1.366772	1.428767	0.948362	1.247505
0.407476	0.302444	0.069963	0.204728	0.116116	4.931788	0.022485	2.290745	-0.0264	0.161015
0.587251	0.576972	0.667016	0.607597	1.057447	0.492076	0.916631	0.390382	0.587251	0.09363
3.639801	3.647165	5.472029	5.417299	4.90825	5.354549	5.692956	3.936393	5.121609	2.704683
2.121402	1.283363	3.384302	4.405969	1.944337	5.841178	2.824929	2.013488	1.469438	3.410141
5.042926	3.190357	3.664493	2.092466	4.14656	3.68509	2.701383	2.695219	3.268113	0.063177
5.815822	5.491229	5.302989	5.204342	5.122044	5.348056	5.633676	6.101322	4.196969	5.879615
4.483488	0.647707	1.166921	0.238693	0.226166	0.638323	0.447128	1.255023	1.093653	0.12177
4.320653	3.587571	3.985921	5.428015	4.08682	5.410838	4.566722	4.952017	4.235032	4.025228
4.379569	2.806378	2.201361	0.842838	2.981896	3.293306	1.966483	2.711566	1.814004	-0.01229
3.341946	3.66758	3.902177	3.704429	3.610884	3.543581	3.471331	3.591361	3.62087	1.351254
1.113263	0.429786	2.151671	3.241522	2.490073	1.192014	1.405206	1.602381	1.801935	0.218256
1.334744	0.084814	1.201043	1.847746	0.163426	1.881795	0.267457	0.738871	0.408278	0.226924
4.002146	4.441082	4.700998	4.554433	4.997171	3.890401	4.915659	3.608151	5.19248	1.137729
4.475745	4.191596	5.203533	5.822359	4.549985	4.965975	5.652437	5.465507	4.175844	3.389453
0.532842	0.190383	1.918629	1.006953	1.013438	0.455385	1.026312	1.165784	0.465326	0.26192
3.815987	2.549186	4.817239	3.947336	2.937978	4.353321	3.872243	5.067556	6.511767	5.639395
6.094807	5.765727	6.356333	7.391066	6.841765	6.774182	7.581028	6.870606	6.895083	3.035146
0.106147	0.561604	0.009481	0.140595	0.890569	0.585836	0.35881	0.729491	0.185128	-0.01587
3.154303	3.248085	2.774702	3.009245	3.271761	2.054605	2.601823	3.128654	2.53348	2.666174
0.715326	0.567691	2.798927	1.622573	1.627632	1.596991	2.070568	1.544311	1.12495	1.329087
1.647465	1.804453	2.827701	2.93712	1.962148	2.774449	2.73007	2.152911	1.643965	2.120415

2.58777	2.567086	3.851734	3.920578	2.450576	3.442472	4.74982	2.591185	3.027051	3.509582
2.143178	1.635835	3.533125	2.316391	2.388155	1.298777	2.077014	1.684468	4.159063	1.581034
2.035282	1.620885	1.737362	3.096247	1.514097	3.302389	3.58092	1.119727	2.357197	2.085743
3.154555	2.592815	3.43305	4.391996	3.480255	2.937703	3.473233	3.234679	3.552015	1.705941
10.06297	10.142	9.438498	8.988772	10.03432	9.110632	9.764019	10.74646	9.79758	5.976572
3.135355	3.40812	4.276709	4.849317	3.705688	5.230794	5.641749	3.778761	5.3265	4.305633
1.776148	1.166072	3.712168	4.063504	2.836717	2.836717	4.147909	1.757737	1.648538	3.519189
7.333905	8.301316	6.354263	8.043172	7.97531	7.510256	8.540886	6.901598	7.295173	4.410319
3.631582	3.690217	3.435335	3.628027	4.773956	5.508385	4.43803	3.36858	4.481031	-0.72599
1.448638	2.354099	2.86632	4.100321	2.426692	2.496907	2.869136	2.574036	3.164968	2.56123
0.959885	1.133012	0.792536	1.393517	1.861106	1.24954	0.186529	1.20885	1.676013	-0.09273
1.876681	2.225583	2.022803	3.324225	2.275666	2.136481	2.618405	2.37225	2.550099	1.314387
3.041781	3.086516	4.164618	3.767761	3.529811	3.978261	4.075055	3.50012	3.829653	2.214198
2.020904	2.139822	3.236553	3.614677	2.723761	2.957473	3.110873	2.8132	3.003016	1.775494
0.848204	1.288023	1.283064	2.156764	1.621356	2.156764	1.906592	1.302776	0.456891	0.726473
1.816846	1.603286	3.480236	4.035076	2.992165	2.88157	2.842282	3.410947	2.341379	1.795531
1.305681	1.4074	1.515743	2.119873	0.971396	1.897695	1.589527	0.8791	1.324073	0.829817
2.801909	2.742943	2.973208	3.436793	2.118321	2.605898	1.884894	2.837542	3.078227	2.012045
9.761352	5.858203	3.396592	4.136526	4.497088	6.380762	4.698178	4.67443	4.499652	2.279507
4.791281	4.976739	3.865442	3.770969	4.797456	4.569268	4.564676	5.058535	4.721453	2.097235
0.465268	0.551052	1.791482	3.169735	1.407404	0.86172	0.648801	1.526588	1.006289	0.802159
4.461695	4.447294	4.682975	4.773993	4.828718	4.864086	4.868772	4.628933	4.719048	2.24465
2.773028	1.662736	2.160419	3.033551	4.266965	3.737715	2.055234	2.421589	1.645767	0.965143
4.297335	4.316206	4.443332	5.296341	4.504237	4.873331	4.759095	4.467235	4.56804	2.728027
4.478009	4.647261	4.600033	4.855788	3.688563	3.782964	4.600033	4.80785	4.422532	3.535502
3.104655	3.198654	3.858658	5.607769	3.63418	4.095753	4.448864	3.264973	3.760107	3.11753
4.359856	3.638782	3.628172	5.184039	4.048262	5.275188	4.624497	4.543391	4.108355	3.796461
6.121382	6.323981	5.633263	4.738248	5.772566	5.656106	5.474577	5.658542	6.196978	4.019505
5.944368	7.79832	6.317716	6.329085	5.658892	5.704912	5.597499	7.704529	5.513426	1.703175
2.786903	3.088097	3.101808	5.396138	3.68661	4.54616	4.713994	1.42209	4.310552	3.526903
3.166579	2.889243	4.175797	4.172095	3.637853	3.63478	3.904198	3.557119	3.447934	1.565589
5.546145	4.987301	6.151977	6.315369	6.494324	6.779865	6.983712	6.26128	5.626481	5.948145
1.476606	1.459132	2.172158	3.256304	1.691135	1.85015	2.150477	1.967062	1.769101	1.172246
2.137711	1.754966	3.695859	3.039841	2.569809	3.525135	2.411553	3.475564	2.897579	2.054148
2.463202	1.932756	2.500582	2.722733	2.166844	1.854812	2.936865	3.562065	2.849049	1.165076
5.807468	4.739338	4.748846	1.713611	3.81282	3.999941	2.990534	4.544303	2.567589	2.677939
0.886838	0.931743	0.480906	0.668544	0.008081	0.299412	0.051545	0.08308	0.051545	0.123803
4.5468	4.52388	5.163214	5.866933	5.068345	5.231348	5.269352	5.147842	5.197033	3.555718
2.991123	2.973366	4.237752	4.777512	4.188998	3.964578	4.999207	3.829977	4.083775	3.55044
3.903115	3.960776	4.961377	6.023075	4.783038	5.129064	5.470387	4.37089	5.08682	3.846529
0.317803	1.094982	1.098183	0.166277	0.06282	0.497233	0.436814	0.071866	-0.02254	0.035175
4.162495	2.875543	2.105702	1.378075	0.921456	-0.0254	3.873248	1.644855	2.264684	0.194338
4.992853	5.000283	4.387774	3.650714	4.117827	3.536454	3.634577	4.388258	4.428308	1.950403
4.590595	2.387325	5.141923	4.881054	4.111986	4.856325	4.660112	2.292249	3.457453	3.020639
2.371263	2.032772	2.176091	1.847919	1.450619	2.29561	1.922076	2.932205	2.743543	1.33895
3.519056	2.113893	2.711888	3.247896	2.337096	2.253127	2.873199	2.733096	2.641601	4.467435
5.050767	4.93339	6.601436	6.769058	5.847156	6.707783	6.942164	6.092459	6.637104	3.940922

1.862585	1.692237	2.684604	3.543221	2.209576	2.137454	2.775334	2.213451	2.078005	1.642128
0.269385	0.565549	0.913016	0.736896	0.458939	0.330079	0.591152	1.004352	0.713488	0.253854
3.698848	4.253602	4.899072	5.235618	4.317664	4.841401	4.449579	4.404723	4.354207	3.157191
2.115616	1.907161	3.874086	4.321311	2.666211	3.250627	3.917965	2.734328	2.752613	1.93639
2.20409	4.452897	0.668561	4.627699	0.60394	0.937857	0.411432	0.546017	1.440733	1.767975
1.484454	1.226393	2.745822	2.613315	2.127046	2.884256	2.097414	1.40607	2.271425	1.282737
1.879615	0.22915	0.057188	0.112308	0.014424	3.417641	0.290203	0.241568	0.203988	0.028819
5.667949	4.901929	5.510959	6.206449	5.804689	6.373913	5.810725	5.228421	5.88284	3.748827
5.582023	5.888283	7.181478	3.750119	6.56442	4.825755	4.946453	6.690641	4.631034	3.145454
5.305026	5.574903	4.897004	7.03858	6.507663	6.5782	6.219171	6.217359	5.893427	3.58924
4.853917	4.063034	5.203847	6.160053	5.640885	6.420305	5.293223	5.221263	4.980255	2.873488
5.705587	5.930058	4.059819	3.253957	4.668522	3.576851	3.916672	5.703055	4.109444	2.83238
1.775159	1.505559	3.213115	3.827329	2.66177	3.009646	3.054667	2.778018	2.627944	2.601163
3.374201	3.451409	3.463447	3.410882	3.892768	3.800683	3.366482	3.172101	3.731261	1.964554
0.568882	0.062453	1.278094	0.930821	0.525473	0.112184	3.202323	0.062453	0.293788	0.099932
1.489097	4.502291	0.499737	-0.04705	0.186065	0.025946	0.085033	4.112824	0.809157	-0.10218
0.730205	0.464546	1.110923	4.075732	1.989403	1.607217	0.71219	1.330137	1.539267	0.29133
4.308527	3.287345	2.860263	0.716679	2.215036	3.790334	1.663406	2.794869	1.455724	4.217749
6.888522	6.548789	6.876804	6.506874	6.527151	6.91404	6.848562	6.413846	6.51544	5.726323
3.571618	3.629571	3.841859	3.60099	3.787019	3.945261	3.400209	3.758731	3.497383	1.758682
2.986214	3.700367	3.058229	5.196287	3.844697	4.796783	4.463692	4.053665	3.518512	3.89313
3.170052	2.790182	3.971115	4.344612	3.45299	4.299496	3.520083	3.815158	3.496258	2.197606
2.770831	2.449572	4.091193	3.586639	2.89471	3.212531	4.504782	2.769362	4.141343	1.126735
2.140696	2.000418	2.955897	4.093803	2.765241	2.578782	3.124938	2.840791	2.96276	1.78872
5.234876	5.549131	4.14552	5.952172	5.051625	4.700471	5.319653	4.039835	5.575541	1.394007
2.222927	2.447137	2.711884	4.560003	2.971082	3.714606	3.735176	3.672451	2.68773	2.663114
2.050658	1.665653	2.489413	2.74942	2.226019	3.456615	2.349362	2.675138	2.44394	1.224512

CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17
0.66828	0.877197	0.847126	0.481622	0.784852	1.06405	1.908164	0.632996	1.181322	0.549988	
1.050254	1.136217	1.850517	1.23692	1.689415	1.524009	1.217335	2.084457	1.679913	0.809785	
5.649218	5.726299	5.820723	5.005982	5.426543	5.921205	5.616791	5.600412	5.561501	5.091692	
6.055549	4.573969	8.388872	4.711655	5.445203	5.501222	2.383122	5.148462	3.037743	5.230915	
0.707229	0.858817	0.668788	0.608867	0.824733	0.807344	1.786083	0.841889	1.837931	0.535212	
7.283378	7.265391	7.37938	7.164074	7.502606	7.230342	6.694894	7.127432	6.36617	7.173334	
6.131857	5.824208	6.338838	5.717189	5.968778	5.856812	6.135927	5.921543	6.241224	5.710381	
1.381315	1.116023	0.677967	-0.00197	1.014469	0.659966	2.191117	1.150633	0.940826	0.803898	
0.208401	0.095425	0.009871	0.153175	0.071566	0.009871	0.281878	0.186599	0.250909	0.435338	
5.559429	5.75363	5.73553	5.342448	5.72741	5.818087	5.669796	5.64968	5.684305	5.691918	
4.810897	5.010125	5.122012	5.402886	4.936724	5.161254	4.625743	5.482259	4.498912	4.912236	
2.816476	2.386111	2.64416	2.199829	2.651044	2.984331	3.789225	2.832126	3.778535	2.431657	
2.874161	1.472284	3.618637	2.388466	2.556965	2.390208	2.596976	1.965928	1.44109	2.651045	
4.4162	2.973692	3.95851	2.399122	3.974536	3.736375	3.975004	4.036071	3.507846	3.455617	
4.400793	4.908037	5.1555	4.252145	4.614773	5.438498	6.256104	5.347822	6.714173	4.518389	
3.166773	3.201977	2.893179	3.153269	3.206297	3.528079	4.263629	3.184519	3.849804	2.773265	
1.097416	0.545063	0.700517	0.476562	0.824629	1.368522	2.031669	1.152984	1.764328	0.403777	
8.590261	8.692804	8.768056	9.525736	9.07496	8.325622	8.394462	8.336376	8.289234	8.735638	
4.332068	4.650402	4.377271	3.967913	4.32161	5.306871	5.717131	4.457365	6.814578	3.968932	
3.13563	2.916771	3.253017	3.146265	2.830531	4.194613	4.404287	3.78054	4.964519	3.006226	
3.117438	3.339465	3.107414	3.267839	3.127364	3.543993	3.477073	3.294377	3.481442	3.1838	
2.383806	2.851462	2.800149	3.110635	2.599463	3.063628	4.163097	3.179405	4.06863	2.20365	
2.859471	2.967154	2.991689	2.74825	2.971527	3.172957	3.431629	3.103723	3.377223	2.750055	
0.928233	0.915256	-0.11497	0.248973	1.180856	0.906519	0.166457	0.490811	0.122767	1.187678	
3.500631	3.461676	3.322961	3.127493	3.499039	3.507763	3.908322	3.615234	3.789226	3.049453	
2.47681	2.040606	2.975351	2.861923	2.717115	3.32692	3.770968	3.023535	3.057055	2.824554	
0.596712	1.232713	0.992584	1.010436	0.924958	1.267151	1.573088	1.051164	1.422607	1.70454	
4.520507	4.562105	4.562821	4.499459	4.223575	4.945378	5.852049	5.060366	5.724182	4.346614	
2.382855	2.317403	1.56288	1.323252	2.00203	2.355276	4.008234	2.189957	2.992532	2.008411	
4.404089	4.867457	4.443884	4.562417	4.761875	4.625603	4.91392	4.528745	4.431957	4.726153	
2.938053	1.711487	4.46619	2.727618	2.95483	2.93974	3.20279	2.739487	2.106891	1.775344	
4.081129	4.12828	4.352125	3.272872	3.612366	4.700647	5.257321	4.753881	5.217244	3.68091	
5.071502	5.107558	5.323156	5.188932	5.192599	4.623641	4.598368	5.751498	5.704742	4.953555	
2.87944	3.243027	4.074007	3.289899	3.274929	2.63355	2.672154	2.945619	3.186967	3.018578	
3.295157	2.493537	2.702692	2.609623	3.343317	1.863096	3.322238	2.54868	2.821247	2.929785	
1.715854	1.810791	2.064393	2.080029	1.887229	2.629774	3.108596	2.038908	3.407921	1.778681	
5.840703	6.086147	5.874922	6.136704	5.951819	5.385775	5.093241	5.643631	5.014889	6.190095	
4.273453	4.01179	4.444655	3.937558	4.197881	4.190575	4.583739	4.087302	3.574525	4.181914	
5.430373	5.083508	5.470849	4.861525	5.911666	5.35958	5.030979	5.134716	5.272815	4.945177	
0.048966	0.063859	0.018737	0.063859	0.078608	0.136219	0.150289	0.018737	0.245302	0.063859	
1.164414	1.394684	0.990331	0.985256	0.525771	0.211421	2.24998	0.786501	0.181906	1.612009	
3.070931	2.781373	2.406755	2.826251	2.667913	2.234019	2.562052	2.7289	1.991774	3.100094	
3.547517	1.918726	3.688023	3.451838	4.288924	3.620173	3.917911	2.848106	2.212041	2.824245	
0.650036	0.599274	0.396522	0.369528	0.546102	0.868362	1.984448	1.630139	1.618253	0.553855	
1.00425	0.714629	1.637791	0.507015	0.954954	0.949351	1.072095	0.728183	0.370187	0.431956	

11.39505	10.22095	11.33846	11.3041	11.68311	10.42371	11.15271	10.77011	9.944426	10.71952
5.323241	5.997522	5.029754	4.005622	5.786273	5.910389	6.252774	5.74071	6.175766	5.468047
4.887618	5.083882	4.643591	4.394791	5.134156	4.39062	4.18156	4.676134	3.853657	5.158953
1.011608	0.675733	0.314636	0.179651	0.858575	1.218244	2.83652	0.900065	1.780283	0.487656
0.518755	0.208745	0.683989	0.371852	0.319455	0.598164	1.766131	0.735207	1.56778	0.345885
0.757108	2.276928	0.909414	0.622697	0.725018	0.751825	0.872089	0.941063	0.808588	1.086898
1.74818	1.792348	1.616279	1.415358	1.368012	2.38442	2.693433	2.264475	2.928697	1.199244
4.797655	4.78516	4.667037	4.378004	4.763195	4.755762	4.822543	4.582197	4.557504	4.711584
4.140235	4.392284	4.413996	3.895168	4.012159	4.595894	4.42941	4.411774	4.594472	3.923944
0.199777	0.029448	0.172696	0.290894	0.265419	0.252518	0.853255	0.278211	0.029448	0.029448
1.804302	0.130246	0.865222	0.681641	1.263153	2.821763	0.285252	0.309264	0.201594	1.343437
8.025051	8.192776	8.752382	8.840853	8.192029	7.30162	7.063706	7.956678	5.631599	7.570233
8.772851	8.983924	8.878243	9.032246	9.014583	8.852056	8.710101	8.909602	9.160752	9.071783
4.475554	4.821343	4.8376	3.979059	4.557092	4.462686	4.535116	4.691725	4.196704	4.644026
1.062783	0.890932	0.906874	0.790632	1.103898	1.982508	2.714589	1.512339	1.915109	0.82499
6.600231	6.49713	6.207097	6.823051	6.699007	5.537751	4.700239	6.104356	4.718344	6.954321
2.192075	1.616627	3.789209	3.313826	3.952454	2.649348	3.099505	3.500502	0.98514	2.830017
3.028233	3.02053	3.026696	2.565731	2.84759	3.386531	3.686005	2.976305	3.842552	2.83101
1.772144	0.967824	2.050854	0.917821	1.061498	0.986468	0.997504	0.478919	0.729458	2.042379
10.56933	9.082529	10.93505	10.51455	10.68874	9.943032	7.540641	8.298232	7.94067	10.48683
2.444226	2.190535	2.184813	2.170363	2.170363	3.348397	4.026127	2.637908	4.139033	1.992705
3.522228	3.726891	3.47056	3.830027	3.704565	4.061788	4.459223	3.843915	4.35874	3.892766
0.481096	0.66741	1.417204	0.787122	0.474504	1.234019	1.45452	0.899091	0.772254	0.633818
5.110258	5.275155	5.251007	5.079903	4.897808	5.455365	5.658125	5.404658	5.5259	4.867413
3.113353	3.421274	3.241439	2.804011	3.287429	3.258009	4.413452	3.344047	4.251545	3.023246
3.094423	1.8596	3.149511	3.133243	3.712349	2.388797	4.055133	2.698737	2.368571	2.75949
3.273999	3.32456	3.372144	3.480361	3.171143	3.14501	3.257011	3.234362	2.479172	3.40856
4.837494	4.68	4.309141	3.551855	4.701219	4.333419	5.055131	4.150384	4.21929	4.467191
6.080177	6.107972	5.617537	4.53439	5.846261	5.682072	5.326646	4.524229	3.368699	5.487763
2.627553	1.507044	2.654894	3.141795	2.374083	2.942889	4.75587	1.496085	2.232265	3.700018
4.043217	3.362837	4.395204	4.582891	4.209468	3.633149	3.394735	3.518399	2.559	3.959088
2.535801	1.540073	3.067595	2.063239	1.982031	3.594246	3.931011	2.745307	4.319736	1.648774
1.970324	2.084015	2.084015	1.846728	1.945299	2.602815	3.436483	2.338661	3.898278	1.759716
2.798819	2.985055	2.78654	2.321806	2.727287	3.511123	3.495357	3.081388	3.953158	2.529393
2.057408	2.257087	1.907891	1.587539	1.853721	2.580339	2.498954	2.297659	2.219954	1.837487
4.309323	4.457117	5.133144	4.317412	4.32544	4.279749	4.120271	4.489409	3.623483	4.557528
8.260057	8.39063	8.425894	8.818211	8.548219	7.833051	7.155342	7.940787	6.830139	8.45527
0.672006	0.66296	0.800309	0.672006	0.716272	0.840276	2.137853	0.901649	1.957539	0.616704
5.968299	6.265637	6.175045	6.893493	6.341572	5.879059	4.807995	5.773051	4.91763	6.601973
0.523378	0.348621	0.958801	0.773418	0.646547	0.396919	0.557373	0.425065	0.606765	0.730031
2.735782	2.752054	3.012994	2.980779	2.607099	3.554245	4.139445	3.229204	4.456847	2.868333
3.621416	4.245466	5.32146	4.525117	2.571663	5.173315	5.003165	3.841411	2.783024	3.686561
1.706274	1.478472	1.668018	1.540796	1.62444	2.018288	3.315711	2.243174	2.722528	1.591696
3.834856	3.79505	3.324716	3.696812	3.851057	3.525998	3.39227	3.137719	2.826838	3.865976
6.251199	6.714944	3.918691	3.058477	6.324293	5.454965	5.102351	3.911346	3.981345	5.544505
0.244093	0.051625	0.563308	0.619144	0.182878	0.707451	2.197357	0.118815	0.279556	0.105636
4.295326	2.996317	4.240634	4.955878	4.660985	3.530099	3.09546	3.892533	1.749319	3.857729

0.601966	0.304758	0.58957	0.213325	1.961864	1.988457	2.763175	0.348621	0.362983	0.513143
5.008006	2.87835	4.850246	3.931327	4.73927	3.632637	5.052946	4.374091	3.312883	3.028366
2.362205	2.266894	2.867571	3.168819	2.049499	2.349547	2.770614	2.53085	2.036828	2.804604
3.623879	3.732295	3.523044	3.863493	3.491838	4.042017	4.321963	3.649695	3.413028	3.52889
3.106828	2.749744	3.363705	2.994603	2.906343	3.39673	3.478613	3.087216	2.91383	2.137653
5.605331	6.517666	4.728605	6.811063	4.807064	6.249611	6.762494	5.20166	6.063983	4.694639
2.891417	1.332782	3.119109	1.289316	2.463873	4.209677	4.325601	3.523095	1.971732	0.997728
7.341107	7.179484	7.322119	6.720243	6.954892	7.364557	7.029871	7.589966	7.198494	7.115994
2.624174	0.856651	2.242111	1.633607	3.587016	2.825586	3.027439	2.112886	3.665675	1.625327
1.621029	1.854499	2.236295	2.633257	1.977011	2.662171	2.711942	2.845308	2.673321	1.759573
2.497676	2.811221	2.776218	2.582344	2.62707	3.586543	4.53011	3.20966	4.696556	2.129313
0.194105	0.072671	0.072671	0.072671	0.449807	0.072671	0.592267	0.265514	0.103917	0.072671
8.646195	8.072483	8.819727	8.63876	8.006135	8.283149	8.497583	8.409765	8.253806	8.322656
4.067347	4.204904	4.345346	4.164668	4.105649	4.524471	4.773343	4.342855	4.713246	3.992489
2.195139	2.498216	2.637514	2.586836	2.838131	3.072504	3.634009	3.236489	2.82709	1.782741
0.750351	0.501957	0.716289	0.210503	0.608676	0.807983	1.341447	0.5319	1.167286	0.210503
3.989445	4.45538	3.963575	3.467253	3.814636	4.463423	5.083301	4.135099	5.362429	3.528416
1.432943	0.667025	1.765357	2.007535	1.81626	2.950686	3.492743	1.86542	1.137366	1.541532
2.518449	2.504024	2.217692	2.249127	2.289609	3.057283	3.845068	2.760127	3.119713	2.428721
2.515561	2.568576	2.537573	2.121513	2.361469	3.138799	3.530473	3.030904	3.702289	2.326565
0.28201	0.232593	0.201944	0.070945	0.310721	0.047664	0.375176	0.181072	0.059361	0.232593
0.029523	0.11569	0.146367	0.029523	0.029523	0.11569	0.062618	0.08415	0.029523	0.073436
2.603494	2.615686	3.309193	3.384819	2.769152	2.224529	4.007527	3.367165	4.620706	2.203306
4.276237	4.680803	5.282082	4.242838	4.67642	3.741915	2.93505	3.58098	3.195005	4.837477
1.984899	1.880091	2.108016	2.786301	2.029002	2.138376	3.286612	3.065729	3.724669	1.233037
2.258323	2.430228	2.273994	2.042501	2.2066	3.067952	3.496733	2.646926	3.780256	2.084057
3.549411	3.693844	3.394232	3.031383	3.402188	4.390214	4.828614	3.833203	4.317094	3.077952
6.965402	7.067103	7.248167	7.475286	7.254269	7.079747	6.849903	7.256436	7.040854	7.394652
0.01857	0.01857	0.01857	0.01857	0.03176	0.69037	0.144907	0.044819	0.095807	0.144907
1.816641	1.530325	1.153972	0.719347	1.551354	2.30837	2.458681	1.276586	0.698945	0.576617
1.767238	2.08244	1.800765	1.581008	2.142293	2.909844	4.135177	2.337891	4.349402	1.539359
6.521774	6.604198	6.807011	6.810327	6.587499	6.355774	7.578946	7.150141	6.691907	6.798098
0.173129	0.019258	0.057655	0.067027	0.181482	0.276619	0.189766	0.067027	0.238074	0.009424
0.292689	0.188759	0.329776	0.175214	0.458008	0.458008	0.758158	0.305159	1.6509	0.228632
3.174148	3.383314	3.212171	3.339294	3.265709	3.954265	4.912658	3.965468	4.98627	3.256356
6.157014	6.303762	6.476683	6.412557	6.120699	5.502023	5.551046	5.738715	5.209116	6.303641
5.850005	6.278452	5.407072	5.824809	5.850655	5.091738	4.73939	5.630666	4.94154	6.021526
4.070836	4.144659	4.081952	4.186808	3.981007	4.243985	4.538535	4.290745	4.365485	4.131224
3.430039	3.234554	3.708455	3.118267	3.372443	4.076055	4.488573	3.749372	4.704844	2.987086
1.042698	0.540037	0.57748	1.211966	0.906987	2.209076	1.096585	0.986046	0.941564	0.937776
4.382258	3.376284	4.743708	3.035638	5.846971	5.511649	6.282662	4.74591	5.921842	2.829131
0.015591	0.036615	0.015591	0.004922	0.036615	0.004922	0.067398	0.004922	0.067398	0.036615
4.9775	4.636184	5.450105	4.745486	5.396177	6.28511	7.3205	5.947024	6.441945	3.91374
4.071213	4.089186	4.137656	3.705653	3.84237	4.466536	4.46804	4.294857	4.484428	3.93461
4.144037	3.960627	4.249592	4.075848	3.96149	5.484876	5.790675	4.628724	5.458929	4.189483
1.848013	1.836106	2.25604	1.666783	1.689242	3.036954	3.953007	2.77109	3.952147	1.452173
5.545076	5.480877	6.319876	5.647702	6.004731	4.796754	4.479413	4.521248	5.208007	5.386479

2.47457	2.860366	4.183101	2.301394	3.225025	2.894163	1.563209	1.35928	3.517907	3.094462
0.221955	0.300161	0.025018	0.116516	0.309591	0.001022	0.159799	0.201588	0.149122	0.116516
4.039675	4.510686	3.751808	3.666314	4.048602	4.175681	4.794428	4.467187	4.863385	3.896276
0.323226	0.352806	0.323226	0.606899	0.323226	0.232732	0.323226	0.293357	0.439868	0.263195
0.231195	0.712332	0.143157	0.103682	0.194134	0.181561	1.844809	0.049274	0.206596	0.218949
6.987949	6.478455	6.345396	6.837755	6.679415	6.391436	5.679873	6.44979	6.255745	6.6267
2.774132	3.578906	3.245727	3.683262	2.875907	3.491535	4.27579	3.769679	4.598493	2.920978
2.468745	3.344389	2.198465	1.886559	2.326348	2.64716	2.920191	2.451674	2.570776	2.120677
1.266767	0.790204	1.630597	1.29231	0.622472	0.826745	2.733211	0.643352	1.673887	0.704074
7.620558	6.636606	6.995285	6.811186	7.586806	7.530972	7.294213	6.685995	6.922144	6.465728
0.089561	0.000439	0.000439	0.054432	0.054432	0.089561	0.728856	0.036611	0.072081	0.018615
2.498579	1.217874	1.99856	1.901478	2.259859	2.22685	2.965213	1.526319	1.520479	1.602424
2.718455	3.138841	2.60868	3.170533	3.278937	3.13821	3.478346	3.249692	2.916693	3.168695
6.330207	6.322289	6.428005	6.722913	6.606463	6.050229	6.418935	6.184922	5.981308	6.335787
0.323659	0.223143	0.187865	0.126895	0.268762	0.33437	1.363717	0.062977	0.355536	0.199729
0.1728	0.217256	0.066732	0.149979	0.270736	0.114963	0.500243	0.126742	0.361698	0.16144
4.283239	4.556923	4.31422	4.408761	4.354914	4.921721	5.021141	4.783607	5.071224	4.247304
4.912162	5.029807	4.958806	4.263705	4.824266	5.4959	5.823106	5.812021	5.906232	4.327765
0.022728	0.010393	0.047036	0.070877	0.047036	0.022728	0.1058	0.070877	0.070877	0.128547
10.28527	10.61628	10.54261	11.11718	10.71303	9.617994	8.863578	10.75539	9.25277	10.77143
4.804152	5.165486	4.874141	5.260767	5.12928	5.080902	4.921966	4.662054	4.792458	5.234915
0.877726	0.594852	0.830399	0.604328	2.272776	0.201833	0.747747	1.112601	3.409456	0.390345
8.46065	7.607982	7.31209	7.515984	8.376265	7.449954	7.04909	6.405351	5.257063	8.482431
3.473902	3.675459	3.033099	3.209146	3.269356	4.340453	3.459769	4.051923	3.6505	3.202366
2.972337	2.880881	3.228459	3.076495	2.627476	3.190481	4.445225	3.660915	3.84806	2.618171
1.263112	0.880013	1.19526	1.696529	1.356105	1.398189	2.289476	1.356105	0.890799	0.896153
0.022485	-0.00994	0.022485	0.054288	0.069963	-0.00994	0.175715	0.131218	0.006351	0.131218
0.458946	1.004259	0.797061	1.1792	0.293745	0.447736	0.627669	0.941047	0.957104	0.366806
4.559228	3.720661	5.129007	4.40529	4.27163	4.93012	5.785737	5.347617	5.448486	3.905813
2.252258	1.819789	2.30157	1.577071	1.949949	4.250756	3.942904	1.979426	4.19351	1.154058
3.65017	3.015222	2.972798	4.537398	3.963318	2.386778	2.870141	2.995509	1.317905	4.855495
5.641516	5.756156	5.974005	4.342796	6.145825	6.082668	5.664189	5.439652	5.658331	6.07669
0.919342	1.072998	1.779716	2.181328	1.660983	0.823457	0.628876	0.747045	1.796492	0.18791
5.781435	5.387953	5.743352	3.603744	5.697695	6.227796	4.95594	4.914763	6.407625	4.743712
2.146619	2.443354	2.475265	3.321671	1.973958	1.896539	0.664049	1.930834	0.696182	2.935582
3.514084	3.617922	3.611627	3.559766	3.50915	3.389633	3.529548	3.680133	3.032068	3.78674
1.92524	1.393879	1.098816	0.864258	2.499212	0.834471	1.862593	1.253218	2.402908	1.089088
0.184969	0.130366	0.163426	0.141488	0.20613	0.510092	1.354975	0.970213	0.257451	0.434556
4.974408	5.334253	5.031668	4.972033	5.093041	3.769256	4.186311	5.157092	4.330418	5.228044
4.808804	4.772563	5.301398	4.869652	5.240295	5.365538	6.410966	5.071904	6.19809	5.065353
1.515856	0.5515	1.094903	1.154238	1.064177	0.666597	1.10699	0.724558	0.596994	0.560728
4.301782	4.172499	4.37213	2.560119	6.223742	6.634601	5.649001	4.871466	6.193825	3.672776
6.511498	6.478989	7.097659	7.328934	6.571262	6.656301	6.196775	7.195428	7.537622	6.170453
0.196024	0.40571	0.185128	0.206827	0.228165	0.106147	0.196024	0.339558	0.129215	0.825897
3.155007	2.866201	3.211926	3.291212	3.265412	2.514768	2.820448	2.524787	2.80991	2.838414
2.388551	0.77393	1.449701	1.277622	2.430759	1.701297	2.55752	1.461184	1.57091	1.904803
2.495063	2.062566	2.712994	2.099049	2.573281	2.672175	3.432817	2.07973	2.815924	1.776545

3.208034	3.159255	3.462987	3.252972	3.304076	3.9346	4.459048	4.059443	4.416346	2.798082
2.732265	1.784039	2.51456	2.484622	3.835216	1.199012	2.506076	3.695853	3.459052	0.873977
2.168583	2.112471	3.001106	2.214259	2.129993	2.230483	2.677243	1.948288	3.944096	1.427895
2.912012	2.738069	3.2294	3.070083	2.907275	3.193535	4.526993	3.507894	4.64225	2.751853
10.30108	10.33059	10.74771	10.37717	10.74489	9.510327	9.98393	9.804054	9.272442	10.46598
3.915627	4.201098	4.835549	5.453275	4.104279	4.689761	4.386238	5.154123	5.135805	3.603294
2.836717	1.335031	3.164393	3.197673	2.769752	3.299114	4.627872	3.215102	3.184456	1.770038
7.580246	7.701773	8.416088	7.392431	7.398184	6.587339	7.075253	6.523977	8.385412	7.077252
4.589938	5.080488	3.978345	3.984034	4.274644	4.133707	3.682223	4.145666	4.20032	4.450718
2.274235	2.658196	2.230887	2.318279	2.441084	3.340873	4.149221	3.032683	3.967004	2.447197
1.422845	1.951504	0.460709	0.240965	1.326722	0.675498	1.349434	1.276865	0.754871	1.202457
2.338974	2.579912	2.387039	2.102484	2.366277	2.860378	3.343513	2.808313	3.676228	2.018658
3.875737	4.161735	4.133682	3.610079	4.066615	3.853622	3.885019	4.162216	4.335461	3.964547
2.722027	2.9367	2.835133	2.488339	2.779365	3.285069	3.812045	3.078632	3.853603	2.621664
1.184579	1.479256	1.32216	0.984381	1.046922	2.588564	2.701025	1.146084	1.595051	1.242608
2.657714	2.212596	2.546267	2.51449	2.683375	3.105797	4.037503	3.013479	3.82667	2.050855
1.500362	1.585956	1.050568	1.248548	1.193382	1.808299	1.9602	1.496482	1.97777	1.484759
2.239816	2.323492	2.281115	1.916249	2.258059	2.953087	3.922433	2.352528	2.221291	2.689988
6.265877	6.85866	4.62167	5.021706	6.484542	3.479162	2.858117	4.488788	4.161855	6.333316
4.558328	4.931101	4.842488	5.111746	4.673075	4.419787	3.882063	4.696043	3.730801	5.074399
1.599036	1.254894	0.904679	0.330512	1.565442	1.238618	1.974897	1.397772	1.791482	0.897616
4.491672	4.858966	4.536102	4.742518	4.573323	4.687897	4.710935	4.902523	4.643439	4.532934
3.173204	1.717808	2.86169	1.861068	2.610071	4.345989	5.21939	2.947082	3.855175	1.932005
3.99382	4.717279	4.315621	3.795907	3.986544	4.942953	5.315085	4.856082	5.283722	4.112208
4.275715	4.780488	4.448858	4.555789	4.399773	4.798311	4.763902	4.555789	5.084825	4.644313
3.682327	3.554073	3.758745	3.40731	3.411152	4.283879	5.671414	4.078968	6.004603	3.293355
4.880235	4.046616	5.259195	3.670037	4.451512	5.024276	5.166408	4.610444	5.730921	4.097373
5.801546	5.837958	5.977332	6.243273	5.996529	5.849113	4.735674	5.733541	4.859866	6.012823
6.476963	6.600038	6.264068	7.46146	6.59901	5.508535	6.619733	5.829624	4.734672	7.614624
3.34356	4.321694	3.406016	3.639724	3.566208	1.783625	3.780752	4.670086	6.11585	3.755718
3.246439	3.019687	4.087862	3.396549	3.550476	3.589726	4.128563	3.454034	4.669628	3.085392
6.234835	6.697223	6.311709	4.841465	6.278619	7.275222	6.667626	6.465574	6.45247	5.782479
1.709985	1.837745	1.87455	1.52742	1.820982	2.430566	3.256304	1.925626	3.588884	1.581251
3.220369	2.853235	2.725252	2.858647	2.797674	3.704547	3.592862	2.966808	2.844158	2.847798
2.956419	2.074829	2.512234	2.98905	3.441603	3.785936	2.98794	2.314478	2.126314	2.503923
4.466021	3.333925	4.435498	4.452752	4.788614	3.967635	2.703094	3.208697	1.606824	4.291253
0.834759	0.182261	0.307939	0.191717	1.442458	0.397729	0.349639	0.172726	0.051545	0.52382
4.957779	5.186911	5.152992	4.931348	5.06007	5.328458	5.349034	5.106442	5.803729	5.033178
3.857632	4.031432	4.329862	4.083775	3.676036	4.508783	4.534737	4.646022	5.1781	3.556312
4.877975	5.025762	5.007495	4.50856	4.88072	5.742856	6.017432	5.245944	6.169737	4.727326
0.461426	0.514663	0.726443	1.038929	0.618453	0.331755	-0.02254	0.485441	-0.02254	0.767438
1.54881	1.496369	4.256897	2.49955	1.691251	2.701393	1.89558	2.930485	0.816934	3.783341
4.070007	4.230331	4.039104	4.756036	4.154401	4.075288	3.666596	3.902382	3.204179	4.397402
4.219551	2.044258	4.983328	4.253752	4.624387	4.999753	6.988854	4.255286	7.037954	3.180347
2.207565	2.174213	2.353602	2.120412	2.202071	2.293911	1.706639	2.280233	2.203905	2.218479
2.215703	2.380316	2.046736	2.221553	2.497577	2.964657	3.593525	3.136334	4.14437	2.152125
6.048304	6.380343	6.259078	6.068521	6.226332	6.87574	6.598955	6.719808	7.385365	5.697998

2.411704	1.977789	1.734336	1.867845	2.378751	2.608038	3.389634	2.474869	3.441868	2.251493
0.759974	1.090864	0.417102	0.499735	0.61636	1.0337	0.902546	1.081474	0.269385	0.805178
4.591785	4.499024	4.474609	4.732016	4.470284	5.158714	5.230684	4.446355	4.783914	4.355092
2.84889	2.599252	2.954002	2.246976	2.713021	3.795239	4.625404	3.261689	4.713538	2.471182
2.722064	2.264506	1.283141	0.60394	1.739375	1.43559	1.505894	2.606462	3.43386	1.614097
1.671037	1.546005	1.896058	1.847584	1.928261	2.713699	3.292274	2.364672	2.151181	1.282737
0.241568	0.057188	0.028819	0.241568	0.057188	0.703413	0.178381	0.057188	0.480396	0.125767
5.280186	5.312876	5.97479	5.56504	5.394129	5.46085	6.106732	5.94993	5.857824	5.188784
6.90234	4.327592	5.036774	6.512624	8.105821	4.678191	4.447395	4.466012	2.162227	6.017227
6.230375	5.962372	6.212917	5.990484	5.914051	6.799875	7.119717	6.149968	6.360327	6.039079
5.684578	5.170918	5.941287	4.709906	5.54259	5.972396	5.129645	5.214859	5.725885	4.616841
4.519866	4.311962	4.39992	5.091848	4.464415	4.195633	3.478953	3.955554	3.218978	4.616864
2.510576	2.625296	2.587513	2.486656	2.337448	3.007805	3.84744	2.643691	4.248397	2.099988
3.723425	3.912476	3.598796	3.814503	3.63503	3.602034	3.621294	3.715541	3.798829	3.828178
0.272447	0.124321	3.067781	1.138272	0.729145	0.075068	0.148255	0.675305	1.268243	0.335432
2.325247	2.152241	0.295058	0.150343	1.883968	1.182033	0.626452	1.101499	0.513055	2.288984
1.964049	1.019714	0.825288	0.579024	2.533762	1.568799	2.846113	1.258838	2.069571	1.005131
2.661023	1.435755	2.318479	1.867426	2.054413	2.632184	5.659016	2.08692	1.373811	2.856671
7.120488	6.992224	7.61294	7.048606	7.341902	6.708682	5.870793	6.656608	6.611742	7.188542
3.66904	3.729667	3.73913	4.398885	3.771143	3.684524	3.876354	3.525977	3.1149	3.642547
4.228375	4.148703	3.839079	2.974087	3.965006	6.24885	4.443086	3.868718	4.938646	3.495788
3.328938	3.462476	3.224315	3.896903	3.2932	4.762382	4.399437	3.453856	4.362124	3.199196
3.64267	3.342449	3.884847	3.641978	3.196362	2.558631	3.45845	4.512327	3.381264	3.405305
2.567199	2.341384	3.320507	2.543715	3.10057	3.105174	4.012406	2.88517	4.638829	2.53181
5.616771	5.615043	5.163497	5.267271	5.410087	3.334485	4.103902	5.573162	5.536947	4.164087
2.994773	3.619709	3.059285	2.338133	3.769526	4.701767	4.392768	2.847998	4.570708	2.984059
2.164669	2.3054	1.934418	2.371933	2.14342	2.644708	3.026028	2.344282	2.71201	1.956503

CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17	CGGA_17
1.108473	1.310642	0.711101	0.624026	0.114295	1.428439	0.559473	0.420073	0.420073	0.471561
0.774459	0.966672	2.237918	0.466602	1.281607	1.722185	1.361088	0.444284	1.850517	0.918951
5.792078	5.557991	5.581985	5.541113	5.800562	5.857246	6.202381	2.736264	5.345002	6.299872
4.971115	2.010163	5.566034	4.7452	4.695476	5.124637	6.017538	0.744462	4.924237	6.945376
0.658994	0.908298	0.916361	0.73532	0.707229	0.658994	0.816068	0.716662	0.588252	0.577819
7.257003	7.155196	7.402035	7.371237	7.519647	7.458447	6.838636	3.950216	7.320036	7.393831
6.029045	6.06595	5.449284	5.943682	6.13677	6.83192	6.023212	3.983952	5.713511	6.334606
1.167517	0.894734	0.438299	1.017696	0.865325	1.017696	2.322768	0.779898	-0.00197	1.017696
0.281878	0.009871	0.009871	0.107188	0.009871	0.071566	0.175555	0.107188	0.164415	0.009871
5.899158	5.925446	5.708263	5.972924	5.281204	5.941082	5.636847	2.565284	5.412596	5.277317
5.146771	4.92551	5.278179	4.998583	4.970293	4.962968	4.926551	2.439023	5.657228	4.591158
2.870308	3.238817	2.522636	2.841796	2.448265	3.309179	3.420771	1.683567	2.437221	2.828234
2.461129	1.468431	2.184984	1.5286	3.076659	2.888971	2.182904	0.535144	2.901356	2.862638
3.652384	3.064262	3.365094	3.828582	2.964793	4.538499	3.986644	1.176509	2.569548	4.505485
4.921041	5.846776	5.116478	5.102248	4.963548	5.509451	4.821068	4.086378	4.13664	4.94661
3.021725	3.631609	2.932826	3.14873	3.551267	4.05159	3.163788	1.632275	2.702159	3.485701
0.625382	0.764226	0.736341	0.384847	1.309671	1.17255	0.771094	0.431607	0.640802	1.734779
8.627402	8.161731	8.743887	8.483829	9.067609	8.575566	8.52538	6.021005	9.307884	8.807943
4.878533	5.384996	5.592656	4.667208	4.002063	4.662192	4.019742	3.847685	4.066539	3.760771
3.51229	4.101283	3.811317	3.456215	3.746858	3.821069	3.974231	2.828091	2.983579	3.467692
3.206898	3.566693	3.34944	3.347453	3.293329	3.29647	3.14329	1.711991	2.988682	3.195415
2.859272	3.367517	2.753241	2.518103	2.822887	3.224141	2.937427	2.553404	2.671648	2.693512
3.084359	3.215122	3.204741	2.942021	2.89611	3.103723	3.064623	2.703939	2.788994	2.905458
0.503515	2.239781	1.539944	0.552917	0.240993	1.593042	0.47796	0.736152	0.383556	1.620965
3.508552	3.419351	3.380504	3.543414	3.784497	4.018036	3.678112	1.399056	3.509341	3.892031
2.271524	2.99486	2.380219	2.289177	3.053377	3.827974	2.228055	1.469198	3.040412	3.280676
0.937517	0.986579	1.669333	1.045423	0.792243	0.563852	0.968395	0.212828	1.079498	0.337314
4.737812	5.328988	4.671494	4.413714	6.102886	5.024638	4.689418	3.254257	4.384931	5.079658
2.434596	2.537954	1.826762	1.778248	2.663476	2.66465	3.841835	5.156149	1.189646	2.829084
4.763955	4.640259	4.571141	4.668707	4.619388	4.448758	4.264889	5.792888	4.523246	3.988564
1.787745	1.568577	2.806633	2.21473	3.870893	2.362603	1.644308	0.62855	4.38891	2.521181
4.609617	5.615972	4.214882	4.090139	4.166701	6.258793	5.417564	2.551804	3.347749	4.392405
4.773141	4.921175	5.209652	4.755126	4.979969	5.087976	4.968723	2.954543	4.680529	4.993454
2.815479	3.243027	3.135917	3.021947	2.892591	3.57369	2.696501	1.058153	3.403513	3.52997
1.880234	2.543609	4.379359	2.879924	2.524845	2.912108	3.657116	2.103656	2.95216	3.09875
1.944808	2.146331	2.319377	1.909172	2.222643	2.083131	1.794852	4.110149	2.361149	2.373141
5.85558	5.690268	5.810546	5.763949	5.769185	5.549256	5.845613	3.094555	6.041182	5.431806
4.03106	4.14833	3.972149	3.760733	4.072919	4.511765	4.145632	2.027554	3.696986	4.118724
5.187665	5.081861	5.608145	5.185956	5.633848	5.045694	4.953435	2.96642	5.824731	4.982236
0.018737	0.078608	0.048966	0.033927	0.048966	0.078608	0.048966	0.048966	0.063859	0.150289
0.348963	2.20317	0.472298	0.756085	0.598235	3.968938	0.472298	-0.03602	0.249674	3.547744
2.734839	2.761225	2.984037	2.626629	1.917516	3.28823	2.920462	1.9891	2.242804	2.731872
2.094842	2.183298	3.81092	2.197757	3.592901	2.77753	1.962158	0.277526	4.806806	4.024262
0.538296	1.302943	0.294192	0.530435	1.015753	0.770892	0.891459	0.387596	0.264582	0.820687
0.971609	1.169583	0.474228	0.295513	0.862042	1.732681	2.247865	0.431956	0.960531	2.263172

10.57626	9.900463	11.17122	10.48404	11.45977	11.13944	10.53654	6.339709	11.96688	11.47105
6.01229	6.633599	5.179595	6.061653	4.583518	6.382397	6.915696	4.057588	3.840661	5.594682
4.742223	4.612767	4.817806	5.060037	4.095666	4.902271	4.800773	1.324353	4.651026	4.493993
1.590549	1.636998	1.070161	1.285677	1.758816	1.386609	0.480333	0.262534	0.442999	0.565264
0.358926	0.332729	0.208745	0.609168	0.459307	0.804059	1.114978	0.620091	0.434843	1.018417
0.803547	0.936598	0.703091	1.253107	1.121462	1.051211	0.971823	0.007689	0.663631	0.233369
2.195304	2.794727	2.252866	1.781477	1.97106	2.064293	2.024509	1.694213	1.242508	1.820801
4.673892	4.837105	4.444451	4.821442	4.829851	4.850028	4.99709	2.317572	4.359927	4.740725
4.50445	4.689162	4.456907	4.456199	4.381619	4.730152	4.546699	1.880557	3.773727	4.433526
0.029448	0.029448	0.145118	0.029448	0.364825	0.186298	0.088396	0.088396	0.265419	0.648834
0.044618	1.207775	1.34681	0.235753	3.747499	2.617929	-0.04752	-0.2064	1.141795	3.624746
6.984902	5.022843	8.140034	7.850809	8.570226	7.514215	7.693045	4.222516	8.591226	8.353787
8.822453	9.178541	8.793689	8.869669	8.700773	8.774446	8.838876	5.751851	9.004187	8.864541
4.58097	4.43977	4.397684	4.444574	5.292825	4.78589	4.725299	1.786693	4.863804	4.566178
1.09714	2.008458	1.090346	0.73721	1.137132	1.840087	1.048764	1.273474	1.069732	1.568857
6.094316	5.575277	6.202318	6.39769	6.099246	5.948482	6.031618	2.603269	6.590722	6.260929
1.681162	1.934063	3.097184	1.468667	1.501178	3.324862	1.587227	-0.38961	3.846106	3.328676
3.083512	3.439425	2.819806	2.96004	3.000232	3.53209	3.629221	2.483336	2.589457	2.992317
1.121978	0.393654	0.997504	0.766189	1.121978	1.262956	1.766694	0.089277	2.232098	0.905952
8.831696	7.364747	9.413734	9.703932	10.87083	10.12677	9.555517	5.883116	7.374337	11.22561
2.619372	3.010444	2.531499	2.319014	3.370068	2.81758	2.659715	3.125833	2.059777	2.829818
3.828553	4.281841	4.048908	3.692785	4.029267	3.864033	3.424956	1.967068	3.450191	3.675709
0.946701	1.020264	0.863068	0.551023	0.839916	0.678375	1.157096	0.66741	0.782189	0.434063
5.552854	5.615836	5.610217	5.277661	5.425011	5.467936	5.63696	2.94065	4.74999	5.520299
3.411459	3.421274	2.725744	3.261089	3.394301	3.636384	4.272905	3.092094	3.103954	3.294417
1.862173	1.547279	3.14321	2.212917	3.010869	2.393802	1.547279	0.176039	4.173435	3.879497
3.059141	3.188905	3.455178	2.703918	3.059141	2.974973	3.009982	1.441462	3.35971	3.20567
4.779568	4.332818	4.21198	4.554846	4.647429	5.186761	6.128653	3.020971	3.624707	4.728496
5.580259	5.271722	5.197436	5.675751	6.103429	5.35919	6.01889	3.244412	5.069933	6.125589
4.329312	1.398993	3.777328	4.233974	4.973203	5.177555	5.316294	1.221331	1.661223	2.900666
2.84573	1.919949	3.479509	3.398705	3.779629	3.188893	2.928273	1.057529	4.288087	4.416008
2.177806	3.024371	2.067851	2.049296	2.975197	3.517124	2.104131	1.575097	2.523208	3.247688
2.47143	3.181871	2.467046	2.237016	2.142547	2.256003	2.398979	1.746673	1.669522	2.245196
3.255304	3.390867	2.7053	2.910756	2.828914	3.308338	3.684102	2.631735	2.343857	2.869669
2.529581	2.733929	1.828522	2.13805	1.831519	2.881354	2.543068	0.577873	-0.12334	2.519728
4.271901	4.266636	4.323439	4.248812	5.049237	4.534467	3.816076	1.98825	4.416276	3.869072
8.234765	7.585126	8.581863	8.425373	8.267462	7.996557	7.83471	4.194091	8.65405	7.937538
0.742089	0.783953	0.767377	0.698756	0.967233	0.871344	1.295579	0.578411	0.871344	0.672006
5.954149	5.688946	6.276938	6.237525	6.201972	5.697229	5.327491	3.009873	6.367149	5.620258
0.630779	0.41575	0.387401	0.548956	0.707785	0.387401	0.989308	0.358424	0.787566	0.328791
2.921795	3.337362	3.35847	2.542358	3.347159	3.23194	3.287756	1.926158	2.750585	3.11826
4.343705	4.05186	4.17885	3.560975	1.599645	4.351391	3.000731	-0.26462	4.013103	2.834973
1.652359	2.7304	1.41747	1.487582	2.316932	2.521374	1.527717	1.660215	1.706274	1.68347
3.515412	3.497851	3.49094	3.598106	3.034404	3.209754	2.723883	1.054575	3.878302	3.56591
5.662331	6.519029	4.791174	7.060976	4.555026	6.667113	3.58954	1.627796	4.125032	6.400158
0.19534	0.358918	0.433954	0.051625	0.267836	0.837925	0.131868	0.157609	0.433954	1.683208
2.876217	2.484146	4.07468	3.266067	4.054855	3.350441	2.893792	0.457569	5.726581	4.661559

0.58957	0.94584	2.668648	0.48685	1.080162	1.134505	0.473543	0.244376	1.768521	0.6386
3.407338	4.364891	4.104492	3.114087	4.004323	5.100057	3.157434	1.047879	4.854292	4.932627
2.142011	2.243745	2.835529	2.542456	2.92521	2.181134	2.156055	0.924511	3.086579	2.106746
3.720686	4.000222	3.531802	3.52889	3.894944	3.954318	3.932674	2.451899	3.465923	3.582267
2.832446	3.293745	3.737108	3.135204	3.285241	3.26936	3.233421	1.430148	3.081659	2.831439
5.535165	6.583626	6.081659	5.206673	5.997517	5.663489	5.562847	4.451449	5.04562	4.971064
2.431358	2.592029	2.621647	1.622788	2.831503	3.407983	2.572296	0.762936	2.816563	3.22338
6.859582	7.158136	6.003601	6.616875	6.233205	7.390103	6.393356	5.129056	6.316231	6.043199
1.489608	2.967994	2.891875	1.645925	2.50701	3.996767	2.205754	0.519859	1.814133	2.843283
1.961462	2.076455	2.636393	1.660623	3.415961	2.047939	1.871665	0.627169	2.273526	2.234779
3.160531	3.310285	3.144964	3.000735	3.078327	3.322034	3.162461	1.851554	2.490614	2.696834
0.103917	0.072671	0.733339	0.119311	0.306858	0.320402	0.103917	0.103917	0.134556	0.208648
8.352196	8.043187	8.447164	7.517524	8.425247	8.71654	8.887647	6.055004	8.670755	9.07389
4.581218	4.656513	4.407756	4.255151	4.526534	4.654988	4.95031	2.621225	3.394252	4.435504
2.456394	3.406668	3.075526	2.321599	2.498216	4.326498	2.85089	1.559614	2.843615	3.161469
0.758735	0.663545	0.733426	0.551504	0.893893	1.023744	0.799898	0.120074	0.5319	1.510364
4.52971	5.127177	4.455731	4.417428	4.352115	4.769447	4.386263	2.877749	3.635385	3.835466
0.983562	1.519344	2.327329	0.950722	3.058041	2.691221	1.007709	0.388805	1.838815	3.608284
2.765158	2.729422	2.655423	2.583234	3.004879	2.817743	3.083447	2.114879	1.949648	2.369798
2.940808	3.495981	2.811007	2.75346	2.561502	3.28773	2.838643	2.395253	2.019727	2.568576
0.191553	0.08242	0.116205	0.252603	0.059361	0.301226	0.38411	0.149073	0.08242	0.08242
0.073436	0.062618	0.105275	0.029523	0.051695	0.073436	0.062618	0.08415	0.040664	0.051695
2.849094	2.994525	2.305841	3.226638	3.130091	2.944922	3.310889	1.396342	2.403894	3.046388
3.842202	4.785737	2.856463	3.900159	2.684827	4.141828	3.635751	0.481837	4.311712	2.909023
1.973647	1.583544	1.904091	1.81181	1.874024	2.425867	2.45391	1.799017	2.153304	2.703123
2.922297	3.231712	2.771888	2.664442	2.467313	2.864247	2.727721	1.732649	1.898589	2.084057
3.80257	3.870441	3.648301	3.663712	4.116298	3.973065	3.974565	1.776058	3.442324	3.922266
7.096978	7.126719	7.102667	7.298509	7.200337	7.211304	7.160675	3.810423	7.317272	7.41845
0.057751	0.01857	0.01857	0.01857	0.192252	0.057751	0.144907	0.108254	0.01857	0.057751
1.434896	0.822883	0.613851	1.592382	1.947426	1.69255	0.772182	-0.02218	0.96928	2.970772
2.353803	3.317157	1.969173	2.064017	2.12929	2.564164	2.277352	3.06006	2.290494	2.290494
7.178798	6.903233	7.62403	6.920198	7.53918	7.128964	7.965041	4.607574	6.43866	6.620706
0.038641	0.028997	0.197981	0.009424	-0.00051	0.057655	0.067027	0.019258	0.038641	0.019258
0.175214	0.480124	0.5019	0.161538	0.202175	0.870758	0.927872	0.512664	0.147729	0.828504
3.701564	4.042303	3.256356	3.568847	3.63675	4.054273	3.814482	2.882838	3.258234	3.526652
6.209339	5.402991	5.672176	5.975869	5.959524	5.866352	6.405029	4.064984	6.195297	5.519573
5.757684	5.559678	5.581598	5.567035	5.450536	5.157346	5.639926	4.126255	5.463192	5.535125
4.031667	4.322338	3.599728	3.748051	4.17783	4.371649	4.392723	3.285191	4.129459	4.223092
3.827457	4.495202	3.438714	3.484572	3.579204	4.214741	3.850843	2.935993	3.303	4.092496
1.028805	1.644884	1.302873	0.66831	0.813366	1.416784	0.529102	0.344096	0.677956	1.056418
3.872335	5.017376	5.588273	3.642001	5.036835	5.696515	4.554941	1.886271	3.667655	4.546407
0.004922	0.004922	0.036615	0.004922	0.046974	0.004922	0.057235	0.015591	0.004922	0.015591
4.193775	5.978955	6.14263	4.688814	6.101273	6.434747	5.852757	3.976705	4.760911	5.703952
4.351031	4.605507	3.846195	4.075361	4.350749	4.398744	4.324662	2.423816	3.48996	4.161007
4.17549	4.855432	4.162023	4.009556	4.515652	4.852842	4.073523	3.046371	4.032389	4.467649
2.661178	3.034798	2.206079	2.019405	2.855538	2.651712	2.472752	0.920523	1.536539	2.395193
5.158783	5.114266	5.537117	5.730077	5.618683	6.007951	5.123447	1.926271	5.564578	6.000084

2.224998	3.001084	1.948846	2.201785	2.295519	3.05206	2.228821	1.635706	2.145698	2.456287
0.458939	0.98449	0.964385	1.109484	0.859984	0.68974	0.793994	0.359603	0.653461	0.759974
4.50475	4.588992	4.497492	4.144925	4.666317	4.672444	4.919079	2.643702	4.375243	4.529557
3.035647	3.775487	2.84889	2.800653	3.23138	3.475056	3.134648	1.907161	2.654877	3.463516
2.931042	1.654216	1.356034	1.017023	2.171348	2.074631	5.417693	2.570917	0.565598	2.333121
1.780768	1.832016	1.80987	1.360153	2.785475	2.403854	2.352658	0.432519	1.770905	2.146393
0.125767	0.014424	0.028819	0.071166	0.098724	0.26609	0.216623	0.014424	0.028819	0.30211
5.517451	5.726727	5.915091	5.341779	5.670654	5.43502	5.45146	2.904602	5.590196	5.603995
3.846904	4.222529	5.949246	4.627191	6.46984	5.438937	4.439328	1.448536	8.322852	7.068379
6.201116	6.701178	5.757914	6.180036	6.536775	7.012295	6.184619	3.339473	5.834536	6.465219
5.934252	5.861514	5.660435	5.003408	5.555128	5.994143	5.305118	3.211849	5.01752	5.585723
3.722626	3.269845	4.79325	3.989639	4.589859	3.65909	3.897864	2.165905	5.10543	4.299962
2.590258	3.16025	2.743051	2.595724	3.12457	2.811862	2.622642	2.280158	2.510576	2.646293
3.517438	3.732237	3.865728	3.559305	3.500075	3.560419	3.522028	2.633569	3.403376	3.090267
0.239754	0.148255	0.272447	0.194822	0.335432	0.228668	0.183338	0.062453	1.344997	0.619101
2.088273	-0.06879	0.287031	1.085499	1.056954	0.310947	3.090283	0.68494	0.150343	0.878692
1.151066	2.861448	1.873398	1.602472	2.939267	2.276681	0.327759	0.386412	0.730205	1.960389
1.236248	0.520454	2.085231	1.009991	3.399647	3.658607	1.602213	-0.16209	2.293071	6.063898
6.736216	6.996954	6.538239	7.083687	7.194751	7.338305	6.310763	4.447995	7.103334	7.176965
3.644609	3.668032	3.453921	3.646152	3.860928	4.204204	3.62276	1.96033	3.830683	3.409887
4.30089	4.574121	4.009406	4.107374	4.988161	5.029111	4.891617	3.981657	3.082471	4.313864
3.426672	3.714386	3.578517	3.237183	3.850643	3.57621	3.383128	2.150268	3.375691	3.267641
3.73704	3.662578	2.853047	3.294836	3.711225	3.384729	3.464926	1.347121	3.958315	3.451123
3.055191	3.881856	2.808403	3.382492	3.222245	3.067871	2.773196	2.275959	2.056994	3.142915
4.76237	4.028195	3.907825	4.735474	4.004597	4.064704	5.330096	3.854377	4.328794	3.989629
4.178581	4.501133	3.114898	3.774192	3.64442	4.440827	3.463537	3.645707	1.691402	2.577483
2.234506	2.558415	2.310665	1.995856	2.267804	2.334049	2.118615	1.165607	2.179595	2.140351

CGGA_17	CGGA_17	CGGA_17	CGGA_18	CGGA_18	CGGA_18	CGGA_18	CGGA_18	CGGA_18	CGGA_18
0.711101	0.344448	0.549988	1.070488	0.559473	1.44306	0.530813	0.38819	0.56889	0.440909
0.902686	0.477632	0.877938	1.057616	1.601556	2.247589	1.875698	0.989953	0.927016	2.352887
5.811679	5.954238	3.532231	5.751027	6.613099	6.21705	5.634274	6.050553	6.044595	5.701285
4.770502	4.652463	1.768804	3.177811	8.171423	5.780132	4.122013	3.825616	5.071035	4.842679
1.196726	0.789715	0.678507	1.38263	1.038906	1.130489	0.940252	1.68446	0.940252	0.841889
6.582904	7.282644	4.740052	6.815395	6.811345	7.220724	7.139108	6.714289	7.414597	7.893831
5.765648	6.175173	5.122228	5.425445	6.442384	6.008712	5.955985	6.190904	5.87707	6.666018
2.167823	0.64626	0.6277	1.107189	2.149461	0.783936	0.185514	0.524448	1.159109	0.254676
0.435338	0.009871	0.197547	0.009871	0.118842	0.009871	0.047248	0.009871	0.083552	0.118842
5.928971	6.116705	2.620899	5.365582	5.580273	5.71751	5.772305	5.215962	6.009204	6.29133
5.172014	5.195706	2.376001	5.155486	4.754227	5.189337	5.885601	5.061376	5.124431	5.168349
3.727815	2.812529	1.472898	3.362176	3.699784	3.098443	2.671443	2.883367	2.860885	2.613824
1.421159	1.233906	0.927247	2.41774	2.571946	2.651045	2.149091	2.567471	1.124954	2.738054
3.356359	3.130018	1.376913	3.478084	5.250276	3.067333	2.711211	3.644325	3.540272	3.510641
5.33579	5.751962	3.93307	5.304448	4.679025	5.410751	4.925558	6.097149	4.053442	4.698083
3.458767	3.15779	1.500198	3.950041	3.538681	3.707264	3.41469	4.942862	3.402785	3.754896
0.912771	0.494068	0.736341	1.364417	0.994707	1.112836	1.028131	2.475535	0.553349	1.028131
7.964518	8.672504	6.609254	8.149347	8.723025	8.470597	8.634117	8.774617	8.709099	9.481165
5.26722	4.926605	3.830588	5.248553	3.786109	5.047924	4.993897	5.435528	4.940733	4.745156
4.017727	3.816648	2.708683	4.660787	4.017005	4.144011	3.797858	4.871802	3.487766	3.19609
3.611396	3.273202	1.711991	3.785833	3.201173	3.1838	3.00969	3.755656	3.215993	3.40544
3.481298	2.697115	2.803426	2.885426	3.414043	3.285412	2.951853	3.210566	2.593562	2.466296
2.908556	3.126489	2.375555	3.444562	3.111368	3.174152	2.972981	3.491225	3.068601	3.242301
0.588572	0.879886	1.026904	2.353203	0.208485	0.067953	0.333147	0.605977	0.528492	2.367327
4.003984	3.62577	1.548662	4.29954	4.028673	3.596695	3.545693	4.001149	3.815974	3.629952
2.529489	1.9876	2.719557	3.942251	2.795162	3.504609	2.795162	3.577892	2.48872	3.075276
0.992584	0.735136	0.307287	1.262286	0.596712	1.497981	1.022202	0.190876	0.78524	1.096207
6.042546	4.455674	3.532248	4.774471	4.644358	5.096661	5.063048	5.396465	4.364868	4.039672
4.151669	1.600274	5.15279	2.954324	3.958179	2.640922	1.665718	2.645708	2.411242	1.743788
4.516415	4.757702	6.044759	4.509868	3.957342	4.332668	4.376973	4.016848	4.561792	4.536461
1.061756	1.68948	1.658026	2.762904	1.960752	3.111601	3.642734	1.658026	1.217908	3.955799
5.522854	5.128568	2.562667	4.928319	5.262033	5.311393	4.549884	4.984008	4.714624	4.208518
5.321144	4.773141	3.03143	4.333919	4.865586	5.495697	5.096891	5.753225	4.583603	3.969153
3.104867	2.626611	1.416011	2.787306	2.698691	3.259775	3.076235	3.166203	3.47885	4.068275
4.274513	2.152783	2.224209	2.461446	4.276274	1.783014	3.189993	1.770715	3.201209	5.076778
2.36836	2.1046	4.159067	2.543152	1.658376	2.186553	2.275974	3.155603	1.753975	3.22536
5.639135	5.816302	3.248452	5.605442	5.6763	5.674263	5.599231	5.098094	5.935599	5.930721
4.157719	3.970553	2.281555	4.201729	4.196596	4.011278	3.794675	4.295136	4.233664	3.925953
4.703368	4.792611	3.307369	4.626382	5.501596	5.086092	5.301816	4.387055	4.575973	5.986932
0.442546	0.078608	0.048966	0.078608	0.16423	0.107686	0.018737	0.872998	0.063859	0.033927
0.2307	0.408106	-0.03602	1.89488	0.211421	0.487822	0.612215	0.540619	0.959549	3.313369
3.824591	2.275213	2.135499	2.560351	3.279605	2.387389	1.891758	1.880139	2.998541	3.616036
1.519796	1.467505	0.59741	2.995548	2.848106	3.421041	3.577121	2.671292	1.129096	5.594714
1.177417	0.506516	0.974066	0.506516	1.190621	1.734484	0.738608	1.461394	0.891459	0.42288
2.255543	0.379206	0.700922	1.448671	3.403997	1.323341	0.324057	0.891849	1.339733	1.178914

3.10084	2.385418	1.841298	2.201785	2.306263	2.605304	2.273719	3.23258	2.64035	2.531782
0.388605	0.628821	0.253854	1.259752	0.827321	0.677736	0.513111	0.173909	1.199536	0.486249
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4.024362 4.084351 3.761436 4.139771 3.247856 4.164444 3.190237 4.245041 4.222047 4.171963
3.836122 4.149105 3.572542 4.031582 4.011204 4.395861 3.756417 4.415114 3.862985 5.029455
2.10529 2.474017 1.789515 2.14473 1.390433 2.112579 1.520228 2.866674 2.257611 2.702197
5.269895 5.394369 5.62523 5.167604 5.185462 5.506436 5.125007 5.335904 5.808082 5.670001

2.877376	1.846512	2.6944	1.757632	2.007669	2.055233	3.575301	2.656637	2.069742	3.931549
0.060145	0.03684	0.094281	0.180874	1.440423	0.211814	1.253011	0.600483	0.570561	0.232011
4.651942	4.310443	4.498084	3.923181	2.922167	4.198221	3.67102	4.574418	3.71527	4.797717
0.263195	0.232732	0.323226	0.293357	0.232732	0.352806	0.232732	0.232732	0.293357	0.232732
0.103682	0.116963	0.168875	0.049274	0.021264	0.116963	0.049274	0.403201	0.476832	0.103682
5.713112	6.650476	5.946667	7.123273	4.784852	6.975223	4.66259	6.383265	6.881424	6.151245
3.415637	2.762026	2.981267	3.352827	3.279947	2.438944	2.449619	3.99379	3.118796	4.35225
2.310883	2.228151	1.748561	2.446502	1.558065	2.660123	0.753674	2.661555	2.811444	2.74828
0.879722	1.102127	0.694146	1.458437	1.200653	1.395651	0.790204	1.200653	1.298619	1.513026
6.540247	6.334361	6.455329	6.863693	6.65261	7.362031	6.544248	6.919495	6.907773	6.509772
0.036611	0.036611	0.054432	0.000439	0.000439	0.018615	0.000439	0.072081	0.018615	0.036611
1.367365	1.151438	1.786261	1.856314	1.319639	2.988627	1.258922	1.262583	1.502779	1.569213
3.597114	2.727662	3.606215	2.815713	3.608273	2.515992	3.766535	2.620872	2.035659	2.623899
6.008599	6.209132	6.557516	6.623165	5.955546	6.431272	6.975531	5.944488	6.38214	5.834211
0.234696	0.163813	0.223143	0.234696	0.504325	0.568419	0.07601	0.33437	0.312861	0.114356
0.126742	0.18406	0.560092	0.311965	0.217256	0.228133	0.078962	0.332091	1.252393	0.381061
4.914172	4.075672	4.179127	4.945902	3.624976	4.541513	3.477394	4.959008	4.411759	4.45338
4.814433	5.087137	4.75607	5.175357	4.024358	4.913771	3.903639	6.235151	5.69764	6.16992
0.034942	0.034942	0.022728	0.047036	1.33456	0.183653	1.026657	0.047036	0.010393	0.082628
10.89859	11.14546	11.35243	10.10133	11.5345	10.63337	10.80304	9.844703	10.39306	9.692859
5.205044	4.865405	4.866775	4.95116	4.588585	4.900715	3.899363	4.588585	4.619567	4.8665
0.773063	1.255578	1.780496	1.422355	2.347379	0.8384	1.290574	2.000824	0.311001	0.659861
7.788514	7.160402	8.580349	7.486014	9.148286	8.34778	8.325327	6.484371	7.547694	6.858573
3.335367	3.5517	2.881826	3.068412	1.986786	3.188674	2.039012	4.224289	3.795375	4.129384
2.825167	3.111487	2.5936	3.423208	1.724861	3.134981	2.457335	3.134981	3.005562	3.32239
0.901482	1.078463	1.293701	1.274679	1.807653	1.334466	1.812456	1.041434	0.789864	0.847035
0.038463	0.022485	0.131218	0.022485	0.730049	0.069963	1.688059	0.069963	0.038463	-0.00994
0.607597	0.436441	0.22999	0.742716	0.19038	1.366315	0.34285	0.637604	0.742716	0.705348
4.61146	5.402633	4.489798	5.123258	2.925576	5.161072	3.256338	5.12441	4.815353	5.587985
3.176914	2.51752	2.283497	2.461173	1.670858	2.229	1.821875	3.698658	1.880762	3.717617
2.966514	2.813093	3.82827	4.474846	4.859865	3.319784	4.929072	1.605436	2.440318	0.984099
5.447747	5.235093	5.149634	4.580574	6.209385	5.569276	4.674472	4.887311	5.794834	5.688062
0.693723	1.242766	2.139366	1.916374	2.152409	0.499987	0.831699	0.71172	0.570837	0.200777
5.400654	4.418407	4.120401	5.064501	3.54053	4.770414	3.470824	5.330675	4.883738	5.593422
1.996049	2.708027	2.249481	1.642374	2.855937	1.631907	3.03084	1.077482	2.606694	0.96366
3.460562	3.296956	3.563675	3.625642	3.241187	3.42124	3.096218	3.338029	3.679785	3.093076
1.155595	1.408958	1.408958	1.949415	1.3709	0.666477	0.534749	1.712122	1.526654	0.652531
0.20613	0.316263	0.778508	0.640931	0.690904	0.32579	0.316263	0.237187	0.226924	0.247362
5.405964	4.351874	4.640167	5.465699	4.645343	4.77583	4.109181	5.158091	5.351387	4.496296
4.82728	4.962585	5.056994	5.415987	4.422478	5.681632	4.110257	5.701647	5.458113	6.834055
0.340647	0.649546	0.632265	0.649546	0.780021	1.575743	0.532842	0.542205	0.51391	0.649546
3.734029	4.111925	4.28667	4.911858	2.469939	4.169381	3.547538	4.108656	4.617493	4.206309
6.078724	6.899301	6.23402	6.924731	6.096888	6.236881	6.28211	7.102139	6.662489	6.467054
0.377776	0.477349	0.329823	0.280003	-0.01587	0.094456	0.387155	0.569732	0.715107	0.206827
2.768722	2.409221	3.033871	2.733184	3.346997	2.916265	3.392177	2.655153	2.798298	3.123597
1.42055	1.478228	1.390752	2.272138	1.42055	1.984463	1.528093	1.917059	1.828812	2.246953
1.983445	2.139093	1.462624	2.491619	2.24753	2.542274	1.725264	2.555428	2.484699	2.908258

2.468709	2.309822	2.398637	2.635028	1.722466	2.798658	1.476959	2.44688	2.047068	3.486778
0.61636	0.892009	0.359603	0.628821	0.486249	0.713488	0.173909	0.513111	0.359603	0.238174
4.295357	4.14711	4.046701	4.293005	3.454151	4.235297	3.65593	4.476177	4.461179	5.042021
2.755199	2.989503	2.511319	3.134648	1.959185	3.181614	2.081203	3.620937	2.834657	4.071775
1.784052	1.662974	1.898977	3.073895	0.21278	2.54364	1.544507	3.97877	4.277347	4.003524
1.307482	2.136759	1.257461	2.288552	2.099912	2.36865	1.45459	1.634532	1.671037	1.881124
0.014424	0.139101	0.028819	0.348783	1.660578	0.125767	0.191241	0.085011	0.125767	0.22915
5.528895	5.935254	5.528421	5.762608	5.259657	5.609069	5.94447	5.32671	5.235925	5.672108
4.251241	3.51168	6.247043	4.698198	6.561162	6.445361	5.522117	4.459248	4.495558	4.275859
5.98044	5.753229	6.281454	6.268867	5.760405	6.6099	5.222326	6.449983	6.286562	6.43321
5.851624	4.907713	4.860201	6.443712	3.84241	4.840179	3.768648	6.104081	5.393335	5.867573
4.174779	3.745845	5.169861	4.287109	5.76628	4.751163	5.980085	3.734817	4.308975	3.710282
2.388464	2.726326	2.191925	2.656636	2.351295	2.556844	1.635475	2.851087	2.395083	3.193214
3.713562	2.961453	3.413374	3.504727	3.362605	3.687568	3.254752	3.309789	3.549244	3.516287
0.183338	0.675305	0.443425	0.049712	0.516612	0.627283	0.698657	0.355757	0.049712	0.099932
0.596056	1.701012	0.869012	0.713106	0.52622	1.684369	0.6619	2.349699	3.229882	2.137791
1.110923	0.86643	1.671974	2.492034	1.685463	0.517763	0.730205	1.104117	0.882548	0.29133
1.340067	1.535145	2.562123	2.288784	4.386355	5.795641	2.953475	1.415454	1.556176	1.89539
6.811577	6.798116	6.708744	7.178813	5.790598	6.606526	6.203507	6.954554	6.90598	6.514779
3.57272	3.456382	3.908961	3.885421	3.804436	3.672054	4.342242	3.379923	3.615377	3.688978
3.700367	3.360389	3.380359	3.953201	3.204683	4.201538	2.8698	4.645779	4.149415	4.711835
3.28101	3.184726	3.524136	2.987909	3.354959	3.124748	3.518457	3.562265	3.200301	3.794148
4.378709	4.64064	3.403603	3.844837	2.006442	3.60895	2.989715	3.980253	3.668687	4.124562
2.883352	2.216232	2.763244	3.607409	1.771562	2.398348	2.442682	3.20109	2.643983	2.753214
4.502364	4.678182	4.431402	5.158597	6.28236	4.295097	4.734341	5.577322	5.045839	4.739431
3.438084	2.42739	3.038826	5.046948	3.134191	2.355785	1.548618	5.095818	4.17773	3.972394
2.292122	2.237321	2.09963	2.093227	2.137272	2.063936	1.656076	2.284077	1.978146	2.615381

CGGA_20	CGGA_20	CGGA_20	CGGA_20	CGGA_20	CGGA_21	CGGA_21	CGGA_26	CGGA_27	CGGA_28
0.614994	0.956533	1.585364	1.657356	0.9066	0.884609	1.244749	0.854708	1.222034	1.127065
1.28788	1.534592	1.413651	0.562959	0.302583	2.018178	0.765491	2.288764	1.18409	0.935035
5.250201	5.555964	5.789987	5.64114	5.950418	5.80626	5.703853	6.087824	5.674472	4.853418
1.215278	4.40111	3.757608	3.208967	4.514074	4.938249	3.655138	5.483157	4.604124	4.715766
1.2286	0.688153	1.337181	1.203164	0.567299	0.780808	1.426516	0.608867	1.354414	0.858817
6.457993	7.142812	7.1213	7.417643	6.161793	7.27051	6.808315	7.382494	7.985539	7.117785
6.588611	6.414435	6.870131	5.951567	6.317911	7.241036	5.803687	6.420819	6.309534	5.245757
-0.1787	-0.02796	0.460512	0.306885	0.534734	-0.06365	0.072339	1.101257	0.835063	0.427013
0.208401	0.009871	0.009871	0.107188	0.009871	0.009871	0.009871	0.312106	0.407947	0.009871
5.122166	5.663703	5.690268	6.213425	5.949268	5.201777	5.85002	5.862796	5.940998	4.794594
4.721339	5.086193	4.90624	5.068014	5.099686	5.127126	5.09954	5.205186	5.030943	4.364574
3.706858	2.282617	3.194908	3.625485	2.687053	2.875924	3.284928	3.072172	2.82237	2.004821
2.845137	2.340394	2.891232	1.214844	1.437131	3.355101	1.371874	2.592598	2.331269	0.883307
4.314245	4.281648	5.105009	3.594113	3.440146	5.702715	3.957085	3.272069	4.616203	2.731864
5.995623	4.287788	6.02303	5.137492	6.474728	5.458367	5.766135	5.422845	4.87956	5.457161
4.575055	3.092708	3.781316	4.062663	3.798023	3.93701	3.419416	3.122639	3.876331	2.342723
1.904363	0.722143	1.829574	0.9427	0.736341	2.059171	0.869534	1.35616	0.97188	0.511316
8.528347	8.563096	8.502766	8.385208	8.664087	8.549853	8.539461	8.84945	9.224943	8.384883
6.687017	4.59017	5.337764	6.259459	5.505925	4.92971	6.436589	4.705496	5.756529	5.337142
4.799214	3.565314	4.736431	4.566946	3.635013	3.894129	4.382214	3.801465	4.140839	3.598017
4.425984	3.336454	3.374926	3.513198	3.630398	3.316146	3.45584	3.306873	3.447761	2.754199
3.644934	2.583656	3.273638	3.465992	2.718492	2.894514	2.88238	3.110635	2.616984	2.140486
3.18956	2.483889	3.025358	3.348397	2.651695	2.633673	3.181292	3.143854	3.493854	2.545124
1.084379	0.248973	1.194459	0.588572	0.888836	1.519985	0.662091	0.347785	2.105992	-0.02992
3.765953	3.15634	3.929963	4.18617	3.859697	3.528076	3.93707	3.845342	4.163245	2.937812
5.968095	4.177162	4.404328	4.117767	3.914026	3.830849	3.73727	3.58144	2.644021	2.804284
0.15724	0.873479	0.588574	0.495543	0.477892	0.486747	0.530144	0.840242	1.176691	0.764002
4.486858	3.995442	4.290349	4.557443	4.327593	4.633373	4.551315	5.20139	4.966611	4.243086
1.654103	1.54047	2.345929	2.309347	1.927021	1.697048	1.806594	2.261435	2.490915	2.258053
4.207011	3.748418	4.3112	4.559599	4.335755	3.897852	4.339603	4.588684	4.855822	3.925758
4.210124	2.91763	3.3618	1.345671	0.762632	3.729768	2.29773	2.580426	2.560224	1.733125
4.561214	4.979545	5.589101	5.718167	5.933527	5.458031	5.000938	4.849523	4.260875	4.398156
5.620691	5.186386	5.724206	4.971118	5.787911	5.093825	5.120529	6.178225	4.761709	5.48309
3.896685	2.289795	3.409663	2.96691	3.227473	3.268064	3.093812	3.518791	3.471871	2.1304
3.48355	0.605271	2.802001	2.830764	2.171015	3.258786	2.11316	2.661643	4.466088	1.548669
3.042659	1.749803	2.392065	2.71365	1.996206	2.387365	2.501432	2.149253	3.106131	1.901906
5.145477	5.447309	5.411049	5.442132	5.647012	5.349436	5.529155	5.471803	5.916761	5.221074
4.588169	4.202156	4.708296	3.937558	4.362375	4.995785	4.195309	4.235732	4.266658	3.168914
4.910947	3.812505	4.636044	4.718985	3.909049	4.625303	4.869587	4.974977	4.952107	3.633086
0.122019	0.150289	0.150289	0.063859	0.136219	0.136219	0.191735	0.048966	0.033927	0.018737
0.686313	0.724875	2.154452	0.408106	1.369134	2.963688	0.42448	0.391504	3.302439	0.240225
4.596066	2.347744	3.227582	2.391286	2.844036	3.165975	1.903271	2.570518	2.658505	1.190611
2.327838	2.183298	2.724954	2.10821	0.809211	3.170463	1.637875	3.134911	3.156916	2.853997
1.958294	0.32304	1.419383	1.246109	0.952627	1.471656	0.74514	0.89716	0.32304	0.635766
1.367899	0.92094	1.662998	0.324057	0.680067	2.318912	0.482508	2.543707	0.954954	0.34272

11.11401	10.77457	11.55037	9.969816	9.181558	11.94688	10.61401	10.92569	11.52178	10.6686
5.891778	6.02446	6.093161	6.102425	7.86655	4.778516	7.197441	6.237601	5.760392	5.616892
3.801898	3.469678	4.153342	4.377025	4.368514	3.395829	4.226232	4.688095	5.291542	3.198393
0.959613	0.323094	1.087592	1.278378	0.558422	0.675733	1.55083	0.60548	1.991199	1.056911
0.774942	1.099315	1.043155	0.564652	1.205622	1.442124	1.241811	0.794417	0.897175	0.371852
0.126326	0.19003	0.224837	0.126326	0.640428	0.299332	0.207572	0.573964	0.455683	0.19003
2.505119	1.527537	2.649397	2.944615	2.041742	2.004042	2.810016	2.094537	2.506958	1.42049
4.540525	5.115706	4.958921	4.591531	5.072644	4.412629	4.587808	4.694593	4.822176	3.954438
4.772114	4.243432	5.023355	4.684557	4.692648	4.66628	4.598531	4.684557	4.534419	4.009881
0.896077	0.029448	0.726424	0.117024	0.199777	0.458062	0.029448	0.446719	0.290894	0.117024
2.772887	1.737844	2.705595	1.373461	0.621897	3.76367	0.479078	1.1378	2.55368	0.646149
5.85262	7.925729	8.376734	4.984453	5.823908	8.17922	8.475022	7.59068	8.477606	7.166741
8.93563	9.373208	9.270605	9.261669	9.509865	8.692511	9.201346	8.885569	9.037231	8.8653
3.701155	3.545812	3.522513	3.695572	3.409751	3.427679	3.490348	4.767911	4.894581	3.010825
1.925459	0.922612	2.203778	1.935722	1.243799	2.890197	1.550307	1.502659	1.711996	0.700249
5.307672	5.915724	5.688726	5.305581	5.735801	5.85119	5.191734	5.530124	6.382978	5.791807
2.845263	2.338054	3.759024	0.171617	0.313416	3.814248	1.367872	3.545607	4.525416	0.511662
3.644558	2.379536	3.493668	3.634358	2.853058	3.302921	3.079139	3.229788	3.366807	2.711031
0.020391	0.831922	1.125242	3.388738	0.979048	0.61648	1.474337	0.956484	0.701084	0.636979
5.278458	9.463516	8.346678	3.39323	7.650515	7.771087	5.967261	7.876233	10.2542	8.239273
3.6756	2.016687	3.338308	3.335539	2.596673	3.129235	3.17138	2.828297	3.226358	2.293555
4.695556	3.974251	4.742655	4.690965	4.272965	4.504006	4.729469	3.847538	4.352268	3.566517
0.221742	0.238405	0.1789	0.633818	0.278949	0.51981	0.563255	0.825776	0.710602	0.286874
5.686983	4.961431	5.615661	5.762196	5.812725	5.360528	5.579244	5.64684	5.662802	5.048861
3.25079	2.968678	3.694228	3.834665	3.496838	2.907097	3.410563	3.438901	3.223561	2.901455
4.245903	1.527163	3.899602	1.948995	1.751954	3.622406	2.183618	2.464947	2.98547	2.185593
2.89551	3.027459	2.513888	3.04139	2.459203	2.662286	2.965372	3.300224	3.470256	2.938719
3.543603	4.114703	4.68756	4.441199	5.101094	3.982877	3.891768	4.685342	4.704719	3.31423
2.66062	4.92443	4.959313	4.830213	5.342348	5.820687	3.838114	5.381347	5.560227	4.271392
3.211197	3.253118	6.318007	1.871076	2.293248	4.912012	3.840376	2.087079	3.73189	2.629853
2.230469	3.55556	2.579083	1.342867	1.682823	3.106385	1.452084	4.225092	3.044955	3.072881
5.660137	2.91939	4.489209	2.930758	2.655042	4.136242	3.147795	3.732862	2.674758	2.290189
2.961773	1.842744	2.808772	3.320798	2.597012	2.237016	2.905544	2.526811	2.991456	1.772599
3.939283	3.147957	3.743618	3.989743	3.405942	3.221622	3.648014	3.203677	2.871571	2.619767
2.44386	1.386427	2.785673	3.149364	3.273665	2.99781	1.117685	2.331195	2.183539	1.510559
2.524226	2.674487	2.597672	2.598896	2.445456	3.174223	2.883521	4.498188	4.93587	3.194922
7.554228	8.356044	7.833598	7.633349	8.299166	8.093278	8.077787	7.95319	7.969126	7.303163
0.66296	0.616704	0.901649	0.626095	0.558809	0.767377	0.9239	1.163658	1.163658	0.626095
5.168247	5.368468	5.391197	5.75396	5.403388	5.287189	5.384483	5.639928	6.288929	4.960071
0.088181	1.28976	0.598661	0.298472	0.338743	0.443498	0.063945	0.856102	0.288207	0.630779
3.8073	2.685325	3.673251	3.662023	3.528114	3.127398	3.160209	3.347159	3.272997	2.581353
3.903701	5.026158	3.597169	3.55703	4.178077	3.992211	4.272685	5.14113	2.224717	2.583117
3.188147	1.55801	2.425648	2.236015	1.55373	3.114795	2.481303	1.880781	1.962187	1.16587
3.671343	3.174701	3.716903	3.514444	3.742451	4.013681	3.361854	3.348865	3.376345	2.506897
4.321137	4.693652	6.143841	5.328455	3.509487	6.460575	4.265234	4.114737	5.71919	4.334089
2.399246	0.051625	0.681548	0.495169	0.347857	0.591509	0.118815	0.423482	3.788226	0.131868
3.602168	3.490933	3.807745	2.220878	1.653819	4.1549	2.778179	3.893984	3.968219	3.031446

0.244376	0.319511	0.78847	0.259683	0.274847	1.287441	0.432957	0.197575	0.446598	0.777418
6.025146	5.275033	6.639766	5.836041	4.418489	6.070621	4.620375	4.646012	5.970355	3.844983
0.355181	0.78098	0.235079	0.72065	0.457218	0.767353	0.615486	2.868229	2.933287	2.396273
3.469002	2.360531	2.979086	3.541935	2.892441	3.387684	3.483519	3.82051	4.016374	2.768741
3.419539	3.072064	3.541809	2.462606	3.341517	3.908168	3.925894	3.270026	3.176754	2.408416
6.452987	5.038383	6.720736	6.823926	6.400945	6.054598	6.742528	5.98756	6.421116	5.249614
3.330776	2.363448	3.137967	1.115857	0.917255	4.404072	2.015513	3.969912	2.104375	0.84267
7.158193	7.35923	7.354555	6.053703	7.123712	6.938259	6.0912	7.029871	6.26202	6.916024
3.978534	2.453922	3.491706	3.24902	1.70189	3.8797	2.26243	2.836876	4.46183	2.297227
1.945685	1.364007	2.234779	2.383337	1.461903	1.642327	2.160976	2.831476	2.9905	1.631731
4.200718	2.850279	4.249389	4.176326	3.125192	3.585228	3.926615	3.222523	3.924681	2.883048
2.220104	0.134556	1.077102	0.103917	0.072671	0.449807	0.424761	0.399311	0.072671	0.194105
8.143697	8.854416	8.623037	8.452418	8.702927	8.504759	8.113479	8.117388	8.248677	7.847218
4.87476	4.396392	4.95347	5.610908	4.940154	4.471915	4.880373	4.414011	4.754392	3.968735
2.762564	3.377542	3.997024	3.91015	2.9912	4.255524	3.328222	3.106813	2.770335	1.837896
0.863276	0.397105	1.368425	0.47134	0.916413	1.330503	0.908948	0.698933	0.672478	0.5612
5.531352	3.958317	5.544139	5.310852	5.210042	4.567039	5.370674	4.010767	4.229485	3.539298
3.034868	1.438868	3.310371	2.077443	0.30017	4.116664	0.942393	1.070184	1.891544	0.950722
3.33893	1.944121	2.432187	2.334288	1.798604	2.497547	2.339977	2.752536	2.724215	1.705249
3.212715	2.667214	3.565695	3.34659	2.700908	2.874397	2.898722	3.066648	3.171115	2.493079
0.023927	0.011882	0.08242	0.138216	0.023927	0.181072	0.444868	0.461681	0.181072	0.059361
0.040664	0.029523	0.029523	0.029523	0.029523	0.062618	0.040664	0.062618	0.040664	0.126009
4.554941	3.975892	3.413156	3.45894	3.843512	3.779996	3.061101	3.582579	2.703365	2.630753
3.02629	4.471305	3.551228	5.274767	3.659029	4.420428	2.87383	4.058005	2.994414	3.116127
5.150265	2.359504	3.86754	2.465753	2.061162	3.191063	1.984899	3.665943	1.855657	3.282315
2.68168	2.626877	2.97414	3.828158	2.920584	2.525618	3.471203	2.838651	2.662268	2.635833
4.366593	3.793645	4.413295	4.536553	3.547125	4.165253	4.06004	3.723104	4.586442	3.340934
6.356475	7.144128	7.183973	7.027318	7.449844	6.858511	6.841382	7.617122	7.371282	6.740536
0.120584	0.01857	0.01857	0.01857	0.01857	0.083243	0.083243	0.083243	0.01857	0.01857
1.323296	1.168202	1.578854	0.739422	1.450058	1.595742	0.847485	1.276586	0.991196	0.482474
2.854125	1.71969	2.372924	3.479526	2.15726	2.714362	2.86487	2.316285	2.172013	1.70334
6.881732	7.238514	7.758691	6.966914	6.463564	6.5104	8.12157	7.189593	8.031287	6.25705
0.048193	0.197981	0.076313	0.085513	0.121487	0.253671	0.462383	0.076313	0.048193	0.038641
0.305159	0.1197	0.446819	0.721629	0.280107	1.711939	0.401156	1.248501	0.911787	0.292689
4.953444	3.296877	4.913381	4.939797	3.662175	4.276776	4.225773	3.617251	3.79707	2.951302
5.515013	5.822094	5.846252	5.148941	6.063334	6.104073	5.627839	5.957032	5.107032	4.86201
4.134336	4.806518	5.006262	4.762635	5.22384	4.500003	4.315152	5.366712	5.805233	4.715319
4.699432	4.513036	5.197028	4.477954	5.240315	4.895398	3.875108	4.266573	4.285135	4.048895
4.758705	3.88575	4.890572	5.267635	3.836708	4.601406	4.780283	3.869661	3.689302	3.26862
1.638865	1.01827	1.252662	1.049579	1.811704	3.488099	1.87359	1.599965	1.319116	0.137517
5.18275	4.352746	5.308609	5.069768	2.327555	7.145601	4.812376	6.058086	6.49893	4.142437
0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.026154	0.015591
7.559185	5.989229	6.648653	8.489266	5.326341	7.606315	6.584492	6.657058	6.745766	5.252246
4.209685	3.393429	4.497146	4.320585	4.044775	4.200475	4.051743	4.42135	4.221723	3.360822
6.001583	4.136025	5.531239	4.936834	5.000551	5.285261	4.828862	4.757933	4.348527	3.767883
2.158693	1.565244	2.01741	2.322911	1.617306	1.976643	2.277808	2.825813	2.868376	1.931963
4.298952	5.031909	5.178056	4.528896	4.975525	4.834424	4.28859	5.843489	5.782028	4.086744

3.344572	2.095452	2.48713	2.941782	3.332784	3.065612	1.146632	2.909234	3.273289	2.001598
0.001022	0.001022	0.180874	0.001022	0.138351	0.03684	0.025018	0.071631	0.221955	0.127483
5.902572	4.197617	5.417802	5.05385	4.430015	4.864765	4.351471	3.873514	4.961464	3.16501
0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.552228	0.232732	0.232732
0.181561	0.143157	0.206596	0.181561	0.063073	0.076739	0.090275	0.290885	0.035338	0.035338
6.629728	7.003573	7.098873	5.466475	6.283255	6.429576	6.453985	7.784254	5.88875	5.728375
3.635603	3.528744	4.206812	4.432153	4.154376	3.588882	3.399374	3.601722	2.786114	3.629865
2.43957	1.729263	2.475502	1.732502	2.029734	2.217637	1.587834	2.528162	3.04425	1.247973
0.947194	1.418831	1.701975	1.240718	1.341954	2.142587	1.570569	1.418831	1.56544	1.034655
7.896523	6.116332	7.042945	6.049499	6.085402	7.169696	6.111066	7.664477	7.520278	6.141417
0.036611	0.000439	0.072081	0.302773	0.000439	0.174536	0.036611	0.000439	0.000439	0.036611
2.94218	1.295021	2.654255	1.618681	1.671282	2.930924	1.711714	1.926519	2.380457	1.277112
3.035108	2.739515	3.087869	2.894079	2.565972	2.568094	2.807219	3.037876	3.067875	2.36997
6.11497	6.846374	6.835616	5.626791	6.658022	6.929645	6.091015	6.548552	6.627191	5.533594
1.338991	0.114356	0.78251	0.211488	0.088916	0.504325	0.33437	0.594965	0.163813	0.301973
0.078962	0.126742	0.41893	0.332091	0.091075	0.381061	0.551712	0.228133	1.07548	0.149979
5.347114	3.701987	4.9236	5.353264	3.956904	4.395165	5.758589	4.282677	5.181951	3.399822
5.304623	4.933845	6.199056	6.08966	5.913606	5.378656	5.50632	5.877793	5.43651	5.205185
0.034942	0.047036	0.034942	0.022728	0.022728	0.047036	0.034942	0.1058	0.022728	0.082628
8.912757	9.790945	9.2853	9.996635	9.161772	9.170007	9.890178	9.927346	10.31852	9.750749
4.992991	4.837905	4.874956	4.956953	5.148271	5.087128	5.107765	4.909951	5.214703	4.092565
1.448302	1.379804	2.648499	0.982259	0.275557	3.759428	0.322617	2.355427	4.812903	0.516626
7.675199	7.447903	7.329244	6.297306	7.670732	8.207362	6.356406	7.734371	7.552849	7.2746
3.882408	3.445444	3.722292	3.978211	4.708003	4.075563	4.283144	4.024096	3.088797	2.47331
3.191585	3.101946	3.38787	2.943622	3.116227	3.374898	3.278477	3.446145	3.537362	2.566504
1.807653	0.869126	1.149106	0.795712	0.830182	1.534367	0.666157	1.960605	0.922555	0.953454
0.038463	-0.0264	0.315943	0.006351	-0.0264	0.022485	-0.0264	0.022485	0.038463	0.022485
0.19038	0.255821	0.502957	0.281211	1.094303	0.891806	0.556199	1.329488	0.858049	0.402032
5.925957	5.635508	5.798295	5.278152	4.841108	5.57691	6.178919	5.66384	4.918435	4.947591
3.504685	2.31392	4.596965	3.259754	3.919423	5.452256	2.949184	2.919544	4.375237	2.704505
2.874178	1.631338	1.903864	0.58155	0.640887	2.564899	1.201488	3.772554	3.539917	2.936662
4.083091	4.503669	4.893507	5.394485	5.651153	4.660009	5.400167	4.687548	4.95771	4.934692
0.590448	0.26342	1.758463	0.831699	0.161822	4.185316	0.299722	3.447343	2.78822	0.323418
4.822101	4.696592	5.168096	5.11627	7.021566	6.245966	6.225676	5.368647	3.986896	4.456575
0.315233	1.601634	0.404063	0.513124	1.154291	3.312092	0.654673	2.036477	1.773807	2.370465
2.690479	3.384031	3.108065	3.111159	3.361299	3.20029	3.047349	3.676662	3.378397	2.74306
0.700653	1.20982	1.865162	2.019164	0.700653	0.479367	1.1228	1.688583	3.069024	1.374761
0.603913	0.107807	0.981232	0.655423	0.296979	1.002972	0.565712	0.557923	0.335241	0.096365
4.444983	5.190157	4.849232	5.845179	5.375283	4.300527	5.12235	5.070735	4.398426	4.203046
6.960317	5.954399	6.89399	5.894783	5.909309	6.437503	5.848494	5.602247	5.710468	4.698447
1.312292	0.542205	1.064177	0.445367	0.140383	0.700036	0.43527	1.076556	0.605903	0.284909
3.544161	3.081271	5.064962	6.997058	2.745685	6.845202	5.393223	5.484867	5.970861	3.516822
7.096416	6.79171	7.100521	6.706501	7.473244	6.635238	6.054042	6.79246	5.894301	6.655455
0.249152	-0.01587	0.129215	0.217541	0.450952	0.117733	0.174139	0.106147	0.070747	0.185128
2.981589	2.359663	3.539133	2.494452	2.407836	2.889728	2.151457	2.60066	3.11997	2.372621
1.945226	2.227748	2.649994	2.293792	1.017859	2.781992	1.69651	2.321128	1.941238	1.710819
3.537934	2.520586	2.951294	2.11806	2.871172	3.692774	2.454837	2.728657	2.525627	1.858386

3.744165	3.593283	4.095707	3.036633	4.278705	3.945014	2.38797	4.394033	2.549583	3.334515
0.501176	0.973382	1.386511	0.938738	0.300417	2.465009	0.44103	2.077014	2.753586	1.335615
2.05846	2.270187	2.741631	3.43136	2.049237	2.917789	1.695641	2.189542	1.620885	1.514097
4.123327	3.498301	4.352633	3.968922	3.250363	3.613148	4.445039	3.451892	3.869001	3.186218
10.047	9.496538	10.17192	8.996181	9.399459	9.979373	9.101471	9.647635	10.33662	9.362384
3.599171	4.857312	5.010817	4.505531	4.481205	4.211738	4.128152	5.386107	3.583926	3.89764
5.381102	2.547012	5.14309	1.931711	1.424213	4.077545	2.886962	3.768546	2.9381	1.926248
6.338554	8.132561	8.002594	6.710233	8.437702	7.135501	6.260476	7.2704	6.019488	7.584391
3.507595	3.413843	3.476766	2.534209	3.532163	3.139426	3.091369	4.471992	4.140424	3.957232
3.382955	1.913365	3.108177	4.183681	2.967458	2.24552	3.826529	2.896922	2.984115	2.262357
1.318084	0.0238	1.808357	0.473106	0.567615	0.769144	0.1293	1.224676	1.64841	1.014321
3.282036	2.389972	3.047939	3.481151	3.071343	2.599333	2.98121	2.717593	2.611293	2.529749
3.488751	4.439256	4.257239	3.765245	4.822415	3.493978	3.615539	4.356995	3.419166	3.700563
3.671157	2.308428	3.499088	3.563046	3.001706	3.056544	3.429036	3.074985	3.410942	2.379449
3.186201	1.331731	2.830147	1.373857	1.996097	1.993401	1.440842	1.418939	1.03468	0.848204
4.247233	2.526144	3.640939	3.514674	2.404086	3.370466	3.367622	3.123427	3.33149	2.174187
1.71719	1.26793	1.248548	1.819887	1.808299	1.918935	1.614206	1.319504	1.456898	1.026819
1.830744	2.602021	3.567011	2.666294	2.234552	3.22436	2.523789	2.383211	2.562538	2.960312
3.355132	2.991477	4.684943	4.381067	5.266721	6.952451	5.158138	3.343567	3.705055	6.251396
4.371791	4.408758	4.432339	4.296881	4.619251	4.579805	4.576684	4.403029	4.459219	3.23137
2.575793	1.343484	2.681567	2.627858	1.463763	1.216599	2.67975	1.407404	2.496736	0.665816
4.841559	4.228197	4.860813	4.831681	4.884497	4.620017	4.764296	4.834845	4.738336	4.021562
4.510781	2.66481	4.981099	3.05785	3.1621	4.983523	4.605565	3.232697	4.096378	2.672833
5.427327	4.150827	5.23908	5.204967	4.036399	4.802482	4.996557	4.888968	4.644589	4.342155
5.166926	4.253364	5.059612	4.847349	4.793141	4.542958	4.667273	4.64347	4.477521	4.426112
6.093481	4.273241	5.677441	5.379404	5.174665	4.635006	4.890695	4.344711	4.083934	4.206964
4.628481	4.252034	5.733782	5.519604	6.367404	5.116403	6.319598	4.606904	4.006385	3.36003
5.32694	5.824971	5.18508	5.29423	5.638995	5.533045	5.444578	5.530773	5.894087	4.756592
3.78174	7.224055	7.65951	3.433116	5.872415	6.479865	5.274386	4.967909	6.5782	5.535053
4.247579	3.023181	3.522908	6.563705	5.339717	3.236737	4.843078	3.50276	2.921136	3.520907
3.949374	3.349282	3.628607	3.725192	3.19646	3.510872	3.470929	3.992705	4.154016	3.530293
4.766454	6.138807	4.860028	6.416167	5.956976	4.844733	6.373162	4.759508	4.960681	6.273913
3.41159	1.786668	2.790952	3.196433	2.667292	2.193419	2.418381	2.099252	2.337015	1.940876
3.436939	2.110523	2.921687	2.382027	2.346132	3.049036	2.154384	3.429276	3.482927	1.800823
2.010967	1.96728	3.317721	2.135441	2.060393	3.467136	2.308597	2.322275	2.7461	2.169055
2.022622	2.565828	2.629986	1.410285	2.144402	3.8232	2.366331	3.292546	3.264994	2.498611
0.397729	-0.0143	0.324804	0.163109	-0.00305	0.630876	0.051545	0.618036	0.649867	0.405549
5.528776	4.984117	5.285153	5.841923	5.576627	4.733044	5.390913	5.282572	5.04712	4.326306
4.476125	4.714443	5.053159	4.58472	4.870723	4.910476	4.494728	4.710997	3.879708	4.087729
6.199853	5.228861	6.10506	6.463511	5.902886	5.614227	5.899209	5.270299	5.059973	4.698956
1.667919	0.141408	0.06282	0.289296	0.080831	0.080831	0.244935	0.565184	0.06282	0.132978
1.266365	1.971626	1.243368	3.881552	2.532493	3.166614	1.348083	1.864529	1.259839	1.295292
2.94433	3.363486	3.50171	3.573832	3.215768	3.08124	3.883472	3.812231	4.839309	3.712336
8.844965	4.812368	6.945778	4.514601	2.892423	6.341721	5.542478	6.38238	4.662348	4.462846
0.614108	1.447176	1.852844	0.912593	1.549592	2.29561	1.533654	1.954116	2.749367	1.501129
3.311667	2.823332	3.669025	4.161708	2.920698	2.673657	3.014715	3.173045	2.701114	2.074143
6.975382	6.811927	7.142016	7.422682	6.59022	6.614408	7.748893	6.882113	6.942381	6.395765

4.038565	2.514116	3.638454	4.122016	2.744277	3.102607	3.132232	2.431026	2.881012	1.903997
0.253854	0.330079	0.284771	0.173909	0.284771	0.206357	0.499735	0.68974	1.276558	0.374168
5.755965	4.882822	5.485929	4.953575	5.155162	5.384456	5.060891	4.720751	4.846539	4.007914
5.302479	3.564128	4.880787	4.262354	3.347557	4.182719	4.27698	3.494004	3.651421	3.274185
1.510781	0.422267	3.178918	1.044714	2.025264	1.618613	1.819553	2.480206	2.824933	1.88048
2.52286	1.777489	2.320008	1.881124	1.663826	2.548693	2.129481	2.606848	2.376564	1.346021
0.112308	0.085011	0.405084	0.098724	0.057188	0.721274	0.014424	0.152313	0.139101	0.085011
5.94447	5.738301	6.365682	5.815456	5.455023	6.022096	6.370131	5.591763	6.349358	5.023661
4.728543	4.623593	5.837725	2.31935	2.860678	5.998733	3.984188	4.534139	6.157602	4.700857
7.800818	5.549	7.053349	6.967107	6.181496	6.80784	6.025146	6.45883	6.876405	4.517938
6.229299	5.236187	5.63909	5.563132	7.579524	5.906658	5.901217	5.572442	5.181485	4.583081
4.02136	3.492159	3.875846	2.727434	3.039044	3.818465	3.598766	3.926876	4.432439	3.127419
3.527943	2.793948	3.228172	3.290568	2.919411	3.059942	2.941233	3.117952	2.486656	2.584761
3.469424	3.663107	3.415862	3.723425	3.907363	3.137214	3.48366	3.403376	3.080673	3.038264
0.878283	1.815126	1.675552	0.049712	0.099932	1.059277	0.489655	1.159974	0.304327	0.148255
-0.10218	-0.06879	0.824415	-0.10218	1.077416	-0.12499	-0.12499	-0.12499	0.656067	0.63839
3.11652	1.375699	3.690016	3.880036	1.264922	1.473021	3.812887	1.157644	2.992279	0.78288
4.179035	1.741998	5.406053	1.352446	-0.15151	5.283937	3.211024	2.325445	4.181167	2.230146
6.370723	6.492627	6.114025	6.490824	7.034759	6.381451	5.930175	6.898126	6.894336	5.453868
3.829387	3.331258	3.829819	3.218245	3.250821	3.560529	3.077795	3.63426	3.563868	3.344318
4.477575	3.326787	4.518734	4.716989	5.123294	4.200179	4.155091	4.134375	4.439248	2.856336
4.200407	3.341548	4.025998	3.914846	3.908154	4.05604	3.925356	3.395102	3.589212	3.210192
2.814084	3.246158	3.346926	3.851217	2.873394	2.942553	4.888452	4.282752	2.950128	2.874738
3.875978	1.2648	3.245807	2.966178	4.447569	2.327441	2.585682	3.02457	2.967884	1.736542
4.367662	5.495597	4.544338	2.733756	5.040921	4.108491	2.221236	5.042265	3.903543	4.662708
4.016552	3.618395	4.425474	5.350709	3.571548	4.044226	1.35025	3.34237	3.139923	3.147527
2.650479	1.90807	2.63112	2.75117	2.675138	2.787272	2.693731	2.408535	2.275971	1.684554

CGGA_28	CGGA_29	CGGA_32	CGGA_33	CGGA_35	CGGA_36	CGGA_36	CGGA_40	CGGA_42	CGGA_42
0.702647	1.733439	1.823684	1.193082	0.461422	0.97046	0.491608	1.267079	1.1147	0.191389
1.115203	1.67514	1.646156	1.156929	2.029439	2.310458	1.717549	0.633683	0.989953	0.199721
6.030025	5.761002	6.219304	5.697144	5.924705	6.072589	6.235513	5.418816	5.939943	5.65915
5.410515	3.72711	4.124559	2.811574	4.838638	5.081764	6.712702	1.982672	4.199232	1.478323
0.900183	1.834017	1.447907	1.377036	0.619051	0.75371	0.780808	2.405977	0.924375	1.307934
7.391409	7.118056	6.935266	7.407184	7.226904	7.284111	6.80972	7.108426	7.133368	7.20968
6.702531	5.964678	6.062846	6.060306	6.460734	7.522858	6.183654	5.61119	6.40651	6.434302
0.3005	1.175858	1.937543	1.21125	1.458031	1.004727	2.506779	0.725923	0.632371	0.659966
0.009871	0.059466	0.071566	0.175555	0.118842	0.009871	0.009871	0.009871	0.186599	0.009871
5.905864	5.697288	5.651974	5.97628	5.77281	5.693675	5.82939	5.881375	5.632881	6.015657
5.255143	4.319063	4.71493	5.000517	4.609911	5.009487	4.43116	4.928629	4.790047	5.222977
3.054835	4.118734	3.47316	3.993405	3.070607	3.649882	3.146264	2.808568	3.273253	3.880299
2.745765	2.05997	2.628587	1.732992	2.70004	3.350551	2.076069	1.766296	2.50137	1.557552
4.758517	3.599944	3.090612	2.881472	4.751824	4.907922	3.95137	2.674517	3.404756	3.159663
5.536406	6.035404	5.977482	5.666329	4.953541	6.497886	4.412003	6.047883	5.743872	5.403179
3.795533	3.653638	4.074265	4.017669	3.194737	4.013607	3.127289	4.683648	3.820173	3.327158
1.660642	1.695208	1.097416	1.177391	0.824629	2.670503	0.743375	1.087022	1.092231	1.644584
8.419634	8.25595	8.279518	8.355378	9.051946	8.852114	8.521277	8.333427	8.592406	8.376961
4.993059	6.681496	5.601352	5.766655	4.236782	4.622992	3.618121	6.25075	5.031818	5.922894
4.068989	4.117689	4.358615	4.741591	3.436784	4.382214	3.611236	5.104635	4.165312	4.776969
3.137194	3.679643	3.624356	3.341468	3.20232	3.563481	3.01384	3.346458	3.530791	3.187299
2.727281	4.132483	4.067569	3.619924	3.015921	3.821902	2.988513	3.325161	3.530291	3.835029
3.004444	3.292468	3.235573	3.238943	2.875562	3.4251	3.041788	3.223124	3.201258	3.300948
1.187678	0.166457	-0.00964	0.552917	0.611719	1.325008	0.4518	0.699741	0.528492	1.135455
3.62856	3.868969	3.972814	3.970863	3.925366	3.941108	3.922803	4.089278	3.694512	3.352161
4.974609	4.345595	3.74861	3.392385	3.045986	4.002579	2.292676	3.733121	3.712149	3.825091
0.749649	0.980546	0.71306	1.392079	0.555506	0.72046	0.683033	1.324155	1.05688	0.792243
4.197663	5.034774	4.600756	4.986228	4.323121	4.851031	4.471381	5.557556	5.066835	5.230381
2.05208	3.351323	3.666162	2.738439	2.547126	2.403842	3.857164	2.997761	2.60435	2.166297
4.175756	4.930314	4.483617	4.625013	4.215655	4.462219	4.052948	4.335755	4.78148	4.805748
2.828873	1.488129	2.424373	1.606997	2.733566	3.240746	1.82425	4.116623	2.375718	1.054518
5.256565	5.302579	5.342607	6.219156	4.374047	6.954934	5.37474	5.012311	5.191769	5.814484
5.197658	4.96975	5.61135	4.722051	4.931481	5.604098	4.586476	4.881957	5.31458	5.095665
3.098562	3.717432	2.576902	3.599196	2.809496	3.259775	2.873761	3.550931	2.638156	3.028656
2.217679	3.072087	3.50216	4.092646	4.993683	5.364207	3.97308	2.596689	2.150486	2.385214
2.28634	3.230888	2.230807	3.188167	2.07692	3.12084	1.774601	3.752857	2.524572	2.872155
5.656182	5.110916	5.584645	5.688522	5.804912	5.132331	5.765563	5.42895	5.551677	5.582404
4.638508	3.694908	3.99736	3.847507	3.741019	4.624086	4.089204	4.351712	4.032567	4.384099
4.472461	5.475927	4.917551	4.751797	4.983785	5.016562	5.096831	4.165011	4.433617	4.5294
0.150289	0.442546	0.063859	0.048966	0.136219	0.107686	0.063859	0.063859	0.078608	0.033927
0.383116	0.366161	0.440633	2.362779	0.28674	4.365179	0.46446	0.26835	0.171903	0.718534
2.692663	2.222951	2.839954	2.452052	3.057241	3.064105	3.408382	1.485957	1.925986	2.094321
2.993463	2.030369	1.868209	1.37621	3.340712	2.990327	2.290492	1.482684	2.1258	1.154285
1.22084	1.515066	2.155895	1.584903	0.482074	3.067165	0.725429	1.186237	1.742533	1.372017
0.897723	1.429922	1.467136	0.897723	1.496105	1.693788	2.372204	0.79377	0.673034	0.226177

11.65559	9.912789	10.13528	9.921297	11.6332	11.69898	10.9933	9.692143	11.0216	9.10526
6.49794	6.468996	7.151703	5.702463	6.045899	6.167628	6.906299	5.257404	5.941239	6.863315
4.279459	4.103009	4.193802	4.197328	5.016356	4.380604	4.96958	4.06305	3.967609	4.368514
0.900065	1.383272	0.718297	2.058015	0.700248	0.712312	0.631527	2.90051	0.810029	1.593334
0.745241	1.923074	0.959037	0.683989	0.842011	1.473023	1.227441	0.564652	0.967668	0.179723
0.561434	0.299332	0.496544	1.343178	0.28321	1.075131	0.384003	0.107423	1.208632	0.369087
2.461931	2.884609	2.296318	3.120075	1.698161	2.581425	1.759396	3.450163	2.404842	2.827806
4.761245	5.011708	4.93796	4.614029	4.979755	4.804404	5.078026	4.570877	4.836382	4.902446
4.859701	4.581777	4.6122	4.624885	4.319318	4.972783	4.531595	4.42771	4.688243	4.878049
0.303471	0.290894	0.029448	0.172696	0.102778	0.480495	0.029448	0.102778	0.638848	0.491587
3.191373	0.860201	-0.11308	2.293641	2.319588	3.800287	0.479078	2.391409	1.799674	0.880162
7.410321	6.273819	7.746313	6.736911	8.921087	7.339433	8.068078	6.97811	8.15625	6.949521
9.164978	9.028961	9.393117	9.39478	9.067943	9.011783	8.95802	9.051956	9.171433	9.072741
3.118952	4.216727	4.216353	4.788249	4.402377	4.225297	4.660659	4.283704	4.51797	4.180168
1.691359	2.463836	2.303501	3.305894	1.062783	4.659005	1.110617	1.975933	1.85109	1.814017
5.892596	4.103961	5.282858	5.367443	6.409547	5.383465	5.902692	5.413693	5.374296	5.070872
2.75844	0.58942	3.672356	0.399175	6.191073	3.183894	2.585311	0.853015	0.694814	-0.25777
3.65382	3.875545	3.819957	3.778445	3.046487	4.066503	3.298203	4.407452	3.82352	3.78806
0.761664	1.874188	0.775183	1.088789	1.925819	0.626777	1.782964	0.161949	0.72478	1.820018
7.578436	6.752471	9.135253	6.919767	10.85049	8.468416	10.28277	6.500585	8.848118	7.666913
2.675768	3.903321	3.23149	4.012454	2.293555	3.706857	2.512973	3.738425	3.375413	4.092737
4.216969	4.437632	4.222912	4.422029	3.494665	4.405355	3.485303	4.935037	4.242466	4.318805
0.340751	1.846209	1.055211	1.290546	0.532406	0.639492	0.363026	1.364359	1.150136	1.085336
5.649716	5.609335	5.782086	5.660968	5.295267	5.877971	5.474057	5.754515	5.80802	5.150324
3.081311	4.401313	4.044497	4.076598	3.675985	3.708062	4.266665	3.500154	3.692835	4.399091
3.032793	2.505122	2.647053	1.624589	3.370667	3.735925	1.785254	1.398987	3.317838	1.289097
2.676353	3.017508	2.728548	2.569676	3.068695	2.882277	3.033218	2.887023	2.741736	2.729653
4.410686	5.34124	5.515034	4.429642	5.20737	4.543365	6.556397	4.262212	4.487891	4.302993
5.362504	4.347725	5.163081	4.013233	6.488262	5.812364	6.449468	2.989867	5.398815	3.697795
5.110225	3.333107	2.575879	3.926171	1.713464	4.310544	5.151437	2.135059	6.043531	1.576113
2.808863	1.826823	2.56603	2.208543	4.565563	3.369376	3.141892	2.48031	3.139865	0.785741
2.896329	3.843468	3.183239	3.71756	2.870446	4.792112	2.156597	3.310546	3.443711	3.587674
2.510081	3.609884	2.963141	3.264967	2.061597	3.017729	2.261365	3.969561	3.316908	3.402922
3.298194	3.894357	3.903784	3.575889	2.755207	3.485785	3.632299	3.926639	3.445502	3.983732
2.799078	2.416418	2.814591	3.141533	1.97764	3.960729	2.621823	1.879739	2.49662	2.948021
3.305094	3.667394	3.76707	3.557146	3.283152	3.759524	3.359909	3.740001	4.159406	4.258957
8.324861	6.827323	7.636177	7.344824	8.13928	7.718627	7.618921	7.566601	7.955808	7.162579
0.578411	1.631642	1.458432	1.139204	1.062795	1.193559	1.169696	1.68437	1.126793	0.995299
5.647661	4.761512	5.110396	5.873265	5.819603	5.299351	5.350525	5.16965	5.537187	5.45858
0.452618	0.685155	0.700285	0.849408	0.328791	0.443498	0.794584	0.123715	1.076785	0.582302
3.122332	4.438605	3.795399	4.081211	3.43725	3.898697	3.184374	3.798518	3.917313	4.002594
4.480071	2.147813	0.36835	4.152285	3.95747	3.299312	1.931224	0.502726	3.08668	0.924092
1.893679	2.34125	2.021167	2.741332	1.427064	3.26316	1.460039	2.623691	2.494813	2.52512
3.528867	3.298198	3.084053	2.940058	3.204539	3.544032	2.662774	2.734241	3.344879	3.540734
6.790091	6.850372	5.516742	6.605104	5.411988	7.437355	3.925996	6.544467	5.495769	5.72741
0.591509	0.591509	0.157609	3.184839	1.636086	1.93288	1.086406	0.232065	1.086406	0.051625
4.156724	1.405158	2.667755	2.218179	4.570779	3.611602	3.3155	1.821669	3.204497	1.602732

1.229659	0.228925	0.405327	0.289871	0.181671	0.732446	0.460126	0.842632	0.432957	0.577078
7.359804	3.800535	3.884084	4.478997	5.771588	6.742646	3.952484	3.231918	4.469313	3.135078
0.533583	1.986094	1.698892	1.987577	1.85701	1.295782	1.980141	2.112043	1.8736	2.889707
3.10937	3.467464	3.872111	4.159614	3.410601	3.37855	3.884382	4.082308	3.570389	4.001657
3.332762	2.737699	3.640671	2.870038	2.962138	3.270692	3.693343	2.349717	3.380046	2.658849
6.35656	7.059399	6.599712	7.007419	5.477673	6.699179	5.739626	6.861513	7.282712	6.69435
3.529487	1.464585	3.081298	2.889402	3.165293	4.695928	2.055622	1.902785	2.679908	1.161723
7.074842	7.059277	7.924061	6.740963	6.758201	6.892252	5.467092	5.858813	7.180764	6.48843
3.268627	3.856095	2.668916	4.928743	2.789436	5.46118	3.971959	3.014932	3.349553	2.486039
1.325747	2.001807	1.65282	2.299553	1.921575	1.750079	1.878032	2.813046	2.069397	2.309506
3.267274	3.994073	4.034235	3.923713	2.740068	5.25718	3.554544	5.072415	4.19467	3.513197
0.522644	0.320402	0.072671	0.103917	0.265514	0.237337	0.072671	0.223058	0.149655	0.103917
8.244753	8.282537	8.785883	8.000533	9.23533	8.632833	9.209784	7.819794	8.954809	8.299328
4.771255	5.196744	5.395989	5.275005	4.304903	4.730583	4.742941	4.969509	5.092813	4.961976
2.876013	2.876013	3.171277	3.245715	2.823387	6.286114	2.538658	3.723405	3.092014	2.696504
1.090871	0.799898	0.716289	1.009912	1.037436	1.857026	0.839854	0.716289	0.988898	0.831956
5.316366	4.160164	5.0589	4.541029	4.343485	5.240711	4.342302	5.239929	4.810496	5.137495
2.214719	1.971264	2.304855	1.995546	1.462324	3.687062	1.328298	1.652714	1.269649	3.136324
2.289609	3.13475	2.540497	3.036252	2.281638	3.017739	3.06764	3.365273	3.096284	3.409989
3.023302	3.761445	3.292468	3.625926	2.490551	3.507605	2.737568	3.755372	3.27339	3.782427
0.023927	0.357108	0.191553	0.410524	0.252603	0.232593	0.6181	0.08242	0.047664	0.105048
0.029523	0.094762	0.094762	0.08415	0.062618	0.156408	0.073436	0.029523	0.029523	0.029523
3.687217	5.008898	4.466165	3.498697	3.15352	5.024347	2.336877	2.269934	4.183164	1.429534
4.653141	3.785925	4.384572	3.072049	4.008299	4.445305	2.504766	1.155082	4.611285	2.618143
3.30367	4.939242	3.68367	1.685112	3.090748	4.200538	2.477494	2.066449	2.780081	1.69902
3.144573	3.731771	3.036031	3.721972	2.267753	3.148752	2.475098	3.423681	3.31834	3.853884
4.310127	4.250318	4.259405	4.368117	4.074401	4.607092	4.183092	4.407452	3.94026	4.023576
7.271996	6.519663	7.359729	6.923701	7.871271	7.051915	7.402356	6.866347	7.202781	6.846635
0.01857	0.057751	0.120584	0.01857	0.132801	0.132801	0.03176	0.01857	0.01857	0.01857
1.186929	0.822883	1.293773	1.214506	0.901136	2.426223	0.576617	0.546014	0.84138	0.240617
2.714362	4.080387	3.018537	4.027039	2.049982	3.854292	2.596559	3.129345	3.468867	3.909724
7.133393	6.856021	7.085341	6.884876	7.205995	6.025552	8.293814	7.986488	7.575678	6.765199
0.130282	0.038641	0.15621	0.499357	0.139	0.076313	0.181482	0.038641	0.067027	0.164705
0.5019	2.345823	1.01321	1.602089	0.854007	2.074783	3.036176	0.544472	0.353972	0.215465
4.343967	5.350781	4.733233	4.648884	3.39648	4.820219	3.685748	4.585275	5.013811	4.763072
5.878162	5.430451	6.017292	5.458736	6.339909	5.831223	6.26486	5.154758	5.569919	5.802778
5.007926	4.704023	5.476314	5.130143	5.610008	4.811094	5.628405	5.245182	5.012194	5.543948
4.584328	4.775489	5.034365	4.73028	4.362152	5.092273	4.428326	4.38621	4.623791	4.576106
4.629613	4.863554	4.560896	5.139892	3.840052	5.960412	3.659886	4.991774	4.368276	4.97508
2.394321	0.804838	1.214923	1.922898	1.197061	2.04082	0.846838	1.559643	1.073332	1.01827
5.71946	6.643162	6.011417	6.357246	5.610211	8.010783	5.448168	4.423414	4.970797	2.406525
0.004922	0.036615	0.097321	0.004922	0.015591	0.015591	0.173261	0.004922	0.191434	0.004922
6.441689	5.965942	6.16247	6.637246	5.466801	7.653344	6.460768	7.074621	5.461931	6.410789
4.267808	4.385741	4.507057	4.659964	4.200805	4.401432	4.326404	4.227525	4.402772	4.765049
4.731251	5.200051	5.193098	5.098576	4.076621	5.801276	3.935284	4.898161	5.233366	5.114593
2.134128	3.581872	2.812411	3.531147	1.675264	3.070837	2.041093	3.380357	3.031194	3.722352
5.228887	4.934782	5.217062	4.980863	5.586097	6.417846	5.424357	4.677073	5.112241	4.99322

2.61396	3.180946	1.492752	3.481045	1.903609	3.426187	2.137185	3.117592	1.811696	2.612072
0.083009	0.201588	0.442888	0.060145	0.713288	0.048549	0.713288	0.025018	0.001022	0.001022
4.926279	4.944485	4.733236	5.314315	2.57988	4.220342	2.842073	5.249914	4.768533	4.482023
0.232732	0.439868	0.790906	0.323226	0.323226	0.232732	0.232732	0.263195	0.411121	0.496563
0.392363	0.063073	0.359339	0.403201	0.181561	0.181561	0.55654	0.143157	0.243337	0.063073
6.567985	5.195131	6.540973	6.282251	7.333833	6.988712	6.64521	5.559111	6.147723	6.077911
3.52979	4.7325	4.900943	4.012544	2.997931	4.140888	3.511883	3.398204	5.059465	4.166504
2.393453	3.28309	2.711918	2.972537	1.989155	2.985525	3.030885	3.613125	2.391642	2.65869
1.383906	1.480545	1.109414	1.323557	0.871039	1.954096	1.738517	1.496886	1.782811	1.187021
7.100354	7.096055	6.81377	7.15087	7.075535	7.665697	6.783332	6.44312	7.091739	6.197573
0.000439	0.54862	0.000439	0.858963	0.036611	0.089561	0.348633	0.422595	0.036611	0.141019
2.403967	2.437698	1.733853	1.634713	2.574301	2.825354	1.280716	0.930645	2.073695	1.019556
3.022564	2.819935	2.83998	2.787429	2.118526	3.354008	2.289651	2.790897	2.944885	3.338873
6.047616	5.785413	6.228555	5.73603	7.301953	7.396387	6.784741	6.02495	6.333644	5.529352
0.246149	0.417074	0.234696	0.427058	0.187865	0.905822	0.559451	0.396878	0.594965	0.049815
0.114963	0.464741	0.195222	0.301782	0.078962	0.114963	0.091075	1.135439	0.16144	0.126742
4.957492	5.080484	4.568231	5.167016	3.84398	4.402739	3.604327	6.114119	4.589655	4.868741
5.588289	6.076025	6.312137	5.853682	5.889259	6.009303	7.053842	5.320593	5.801806	6.027915
0.034942	0.183653	0.022728	0.070877	0.022728	0.082628	0.034942	0.034942	0.205027	0.059014
10.10229	8.496246	9.104629	9.872667	10.37847	9.273341	9.530641	9.610104	9.615759	9.943222
4.810817	4.927147	4.731629	5.439628	4.751997	5.503901	4.021238	4.87794	4.966205	5.169182
3.058091	3.066129	4.325186	1.589923	5.524731	5.39893	3.783537	0.989434	2.154312	0.110561
7.222016	6.394809	6.618476	6.141059	8.186007	8.071575	6.93003	5.476515	6.359559	6.191962
3.999266	3.914736	3.67328	4.355074	3.031768	3.79861	3.584614	4.353926	3.387083	3.997125
2.96421	3.508073	3.270299	2.876468	3.247486	3.067877	3.44876	3.857071	3.496466	3.309599
1.008019	1.211591	1.050804	1.101012	0.818807	2.476921	0.778079	1.345337	1.123125	0.973599
0.006351	0.038463	0.038463	0.219046	-0.00994	0.204728	0.069963	-0.0264	-0.0264	0.006351
0.761053	0.779166	1.087005	0.524483	0.306174	0.330725	1.266004	1.986619	0.900127	0.26857
5.43151	4.871962	4.659227	4.897337	5.275331	5.252761	5.073601	5.590144	4.886511	4.848314
3.648997	4.168246	3.141249	5.760312	2.33153	7.125408	2.646477	4.434586	3.161857	5.204824
1.331227	0.930465	1.930552	1.427118	2.297185	3.640776	1.429523	1.216423	2.655286	1.298954
5.34711	5.976128	5.629738	4.819554	5.064623	4.007446	5.763923	5.44009	4.931701	6.397458
2.428834	2.868909	2.616344	0.600152	3.579405	3.470651	2.63727	0.369659	1.53644	0.052402
6.064208	6.722179	5.249233	4.806925	4.282418	5.44437	4.805939	4.547319	5.221277	4.008129
0.744659	0.550455	0.744659	1.518684	1.390806	1.272059	0.873511	0.819191	1.370457	1.030296
3.2303	3.009721	3.352154	3.225911	3.403958	3.324196	3.578768	3.192926	3.27941	3.761231
1.939803	2.149646	2.021421	1.355336	0.981903	1.205393	1.160208	3.166236	1.054408	1.307395
0.184969	0.936532	0.335241	2.26699	0.30666	1.447583	0.247362	0.130366	0.518198	0.823149
5.643881	5.157891	5.32967	5.376585	4.71379	4.429689	4.523411	4.567011	4.881799	5.258106
6.270002	6.328522	5.964151	5.719213	5.84789	6.560624	5.867266	5.600702	6.55923	5.680681
0.756543	0.5515	0.425093	0.362283	0.803078	0.605903	0.329691	0.48498	0.772242	0.504339
5.738236	6.571829	5.470165	6.573762	4.908931	7.239243	6.506689	5.08096	5.151316	4.873275
6.423917	6.751463	7.452972	6.008264	6.509894	6.403832	6.254708	5.833003	7.122226	5.245571
0.300164	0.486028	0.459811	0.819247	0.486028	0.185128	0.700559	0.117733	0.206827	0.009481
2.707078	3.332714	3.365757	2.461938	3.068665	3.266684	2.767723	2.791468	3.231796	2.881641
3.15027	2.580006	2.452738	1.811323	2.399937	3.447844	1.637691	1.217255	2.8198	0.910106
3.140907	2.811973	2.767623	2.141407	2.692759	3.981399	2.722985	1.310564	2.805358	1.904365

3.985822	4.276056	4.592133	3.34574	3.655842	4.986982	3.554499	2.069753	4.83172	4.115966
1.449856	3.236251	3.817311	2.41123	2.016638	4.507755	1.708126	1.072146	3.160919	0.265711
2.368132	4.340612	4.099726	2.900956	2.67437	4.531572	2.541336	1.575229	3.163339	1.828027
3.614386	3.749146	3.3898	3.783553	3.2961	3.50105	3.143155	4.70423	3.703404	3.806591
9.770407	9.411472	9.808549	8.908203	10.55584	10.44289	9.987646	9.03247	9.775447	9.182477
4.178684	4.516879	5.134696	4.546612	4.668467	4.796213	4.485725	4.550276	4.721254	4.52936
3.948322	3.859978	4.045753	2.0316	3.785885	5.257256	2.631895	2.347836	3.811493	2.407161
8.161333	7.66234	8.569764	7.023632	7.671887	8.385137	7.721379	6.187858	7.985891	7.132068
3.694957	3.500555	4.015062	4.129866	3.514771	3.716118	2.943729	3.283926	3.93609	4.603033
2.892797	4.541102	3.602208	4.301176	2.475299	3.027795	2.843538	4.424875	3.358442	4.048237
0.441852	0.864253	1.850395	2.172264	1.136418	1.291762	2.363292	1.122729	0.725764	1.813931
2.575001	3.63979	3.177021	3.226166	2.772131	3.178417	2.747307	3.347091	2.869745	3.512182
4.106078	4.282663	4.32002	3.911732	3.928639	3.918837	4.05997	3.265632	4.267229	4.206632
3.1523	3.449319	3.313276	3.416145	2.67584	3.434145	2.975133	3.657674	3.260096	3.723972
2.179978	2.573915	2.40686	1.921039	1.504178	1.806456	1.985278	2.759724	2.772222	1.822194
3.43942	3.923061	3.084289	3.591332	3.33149	4.209415	2.546267	4.301462	3.206205	3.086097
2.009661	2.515694	1.799526	2.601483	1.617686	1.960201	1.600173	2.009661	1.851125	2.279867
2.686373	4.251093	2.882953	2.785355	2.32838	3.211574	2.831142	2.780344	3.436793	2.782017
5.156648	5.591054	4.157694	3.25402	5.072791	1.62829	4.402698	0.667897	4.102535	0.285403
4.649833	3.611609	4.075327	4.164084	4.269455	4.151566	4.097577	4.944972	4.267135	4.243637
1.971782	1.556907	0.979954	1.402597	0.76351	1.112658	0.925641	3.791887	1.063676	1.548316
4.739034	4.666553	4.809669	4.866126	4.502751	4.523075	4.809885	4.794855	4.775337	5.003917
4.081379	3.890361	2.055234	4.375137	2.398931	5.772557	2.553027	4.15298	3.191509	2.508611
4.89555	5.46559	4.84786	5.000405	4.285961	5.603269	4.376293	4.786157	5.107889	4.717279
4.552138	5.289704	5.093676	5.64547	3.970332	4.616138	4.830998	4.993875	5.123432	5.469899
4.381611	6.117031	5.691844	5.014331	4.326918	5.009551	4.562102	5.307512	4.876691	5.263365
5.783737	5.471349	5.078683	4.22413	4.080701	5.494088	4.796128	5.050768	4.439274	4.01573
5.860236	4.834176	5.005902	5.744021	5.351559	5.327814	4.982202	5.033142	5.250622	5.216992
7.293452	5.194204	6.357921	5.095433	6.165543	6.872645	7.809606	4.085621	7.872313	3.188761
4.196225	6.623528	4.497335	6.520772	3.002789	2.435275	3.011567	2.634062	5.362568	6.413389
3.252339	4.006524	3.491088	4.290692	3.689751	3.725192	3.402951	4.549373	3.672073	3.354639
5.920472	6.171149	6.741783	5.812289	5.373108	7.072835	5.340265	5.783621	5.558662	7.221009
2.326407	3.568441	3.244819	2.828697	1.812503	2.83877	1.89842	3.056356	2.293954	3.758975
2.757128	3.024352	2.844158	3.003901	2.606204	3.587128	2.551173	2.856846	2.890597	2.759092
3.359921	2.568843	2.765005	2.43349	2.531947	4.705704	2.677464	2.320331	3.070553	1.72741
3.370846	1.719356	1.817901	1.855636	3.661947	3.806035	2.668355	1.35042	2.510723	1.328805
0.133759	0.172726	0.428688	0.093399	0.381925	0.509696	0.871465	0.307939	-0.0143	-0.0143
5.221106	5.986519	5.34398	5.652086	4.84964	5.056578	5.180741	5.919325	5.490206	5.871162
4.925389	4.758193	5.290421	4.69278	4.495058	5.203316	4.721824	4.133057	5.383049	4.452033
5.895518	6.523275	5.991181	6.06488	5.208301	5.753985	5.184466	5.561967	6.047297	6.181484
0.149767	0.025785	0.141408	0.115899	0.491354	0.259944	0.080831	-0.02254	0.198494	0.080831
3.072321	3.15473	2.361685	2.522367	3.007281	2.618902	1.918346	1.013499	2.996718	1.656625
3.881879	2.867171	3.425313	4.071661	3.586702	3.298352	3.789365	3.986246	3.990549	3.667089
5.717587	4.657874	4.789307	5.964428	5.216986	8.067377	3.203115	3.988013	5.032406	3.701915
1.658474	1.605271	2.015734	2.096593	1.678542	2.725898	1.766224	0.901761	2.108562	1.744899
3.329166	4.25108	3.337801	4.046301	2.283736	3.325303	2.677362	3.201912	3.869187	3.907208
7.178875	7.156023	7.285146	7.264852	6.066266	6.817008	6.566155	7.675617	7.1121	7.279878

2.93345	3.899726	3.235725	4.16915	2.099596	3.546806	2.320432	4.104643	2.520036	3.762386
0.417102	0.431167	0.61636	0.713488	0.701657	0.628821	0.499735	0.431167	0.431167	0.98449
5.028865	5.065661	4.864449	4.923582	4.678852	4.937954	5.026392	4.953575	4.561698	4.819192
4.071775	4.643407	4.26647	3.877529	2.962467	4.57809	2.941172	4.395312	4.115571	4.122354
1.623115	5.362446	5.597928	2.20996	4.170227	4.12463	5.778816	1.609566	0.677549	0.526153
2.153567	1.979125	1.992872	2.254044	1.862948	2.882975	1.205215	2.80344	2.434284	2.00646
0.152313	0.203988	0.098724	0.152313	0.071166	0.521735	0.469874	0.043073	0.30211	0.014424
5.763752	5.341215	5.266948	5.575991	5.497856	5.52937	5.420425	6.766923	5.425138	5.582554
5.639764	2.998663	3.834108	3.121599	5.968675	6.268669	5.084277	3.463571	5.653231	3.139314
6.452887	6.521036	6.77715	6.41983	6.257098	7.477598	6.368039	6.637164	6.353091	6.622044
6.73419	6.141225	5.561481	6.813831	5.578696	5.288994	5.339374	5.324091	5.584105	7.03002
3.710914	2.697462	3.295453	3.367636	4.479734	3.205404	4.180427	3.975244	3.352043	3.235432
3.075612	4.078291	3.035095	3.205505	2.381803	3.527943	2.449725	3.953916	3.397641	3.485496
3.328518	4.238967	3.518587	3.157046	3.141817	3.098209	3.402122	3.668241	3.462248	3.423296
0.489655	0.92437	0.543014	0.099932	0.878283	0.568882	0.525473	0.17175	0.816481	0.099932
0.075394	0.310947	2.171229	-0.12499	2.247143	-0.10218	3.195568	0.065672	0.159378	-0.02572
2.891613	2.78704	2.262035	2.545798	1.124434	1.578504	0.29133	5.285542	1.578504	1.759505
2.671533	0.669151	0.315697	1.609719	3.181731	1.889451	2.34063	0.701041	0.464457	1.478154
6.737608	6.243358	6.759484	6.923226	6.571635	6.889105	6.035559	6.076659	6.694001	6.790806
3.461289	3.016337	2.922011	3.190181	3.605273	3.579858	3.436526	2.646003	3.216705	3.093486
4.93336	5.246001	5.19433	4.401837	4.208982	4.980736	4.746173	6.146319	4.574121	5.632757
3.697398	4.510889	4.1621	4.39208	3.264531	3.907034	3.396018	4.380415	4.158587	4.434784
3.498339	3.523933	3.163333	4.409127	3.43052	3.086504	3.16647	2.5228	3.850637	3.964101
2.954176	5.39478	3.58439	4.58951	2.338608	4.301382	3.16504	3.780804	2.825651	3.980989
4.383336	5.192122	6.077448	3.32616	4.918458	4.394416	4.543682	3.67052	5.297776	3.183324
4.634926	6.017059	5.526002	4.852832	3.624951	5.69735	3.609162	4.632537	4.624142	5.287616
2.318516	2.885786	2.48047	3.284177	1.82082	2.599408	2.047313	2.951661	2.446259	3.086672

CGGA_45	CGGA_47	CGGA_48	CGGA_49	CGGA_50	CGGA_50	CGGA_52	CGGA_55	CGGA_58	CGGA_61
0.92823	0.99108	0.736144	1.326615	0.824115	0.614994	1.20474	0.35552	0.784852	0.549988
0.989953	0.633683	1.012863	1.660721	2.055376	2.22492	2.340892	1.581282	0.613828	1.708232
5.211732	5.738036	5.747358	5.727818	5.909444	6.318277	5.578132	5.377809	2.561225	6.292649
3.529944	2.361236	2.217662	4.999334	3.418874	5.977129	5.120059	4.643164	1.492743	4.390206
2.372976	1.2286	1.18375	1.588387	1.675616	1.354414	1.769698	0.850381	0.556693	1.137269
7.142971	7.344029	7.369138	7.396451	6.649122	6.604503	7.009505	7.378714	3.99045	7.276665
5.239135	6.561542	6.206562	6.4115	5.672004	6.044452	5.532823	5.940858	3.683895	6.315364
0.791966	-0.01056	0.604026	0.220668	2.081939	2.592184	0.755333	1.646958	0.031713	0.613561
0.118842	0.071566	0.071566	0.197547	0.186599	0.547619	0.219163	0.118842	0.009871	0.009871
5.447822	5.64392	5.910688	5.636847	5.334185	5.64784	5.38802	5.508913	2.565284	5.447113
5.481961	5.92549	4.863779	5.039335	4.697196	5.012195	4.766311	5.195442	2.155975	5.126276
3.081516	2.62559	3.91151	3.393032	3.739003	3.70421	3.687293	2.434442	1.832095	2.509717
2.414335	1.643624	2.120872	3.396728	1.792851	2.421136	3.0967	2.475777	0.51773	2.594059
3.022519	3.508546	3.621712	4.619968	3.127108	3.955183	3.324029	3.744392	0.819614	4.162555
5.918575	4.780077	5.733205	5.640622	5.574401	4.721462	6.391751	3.762893	3.836092	4.461604
4.939141	4.32931	3.762633	4.625744	3.328442	3.29984	4.160464	2.751545	1.457189	3.538681
1.481715	1.725766	1.85953	2.310766	1.143076	1.17255	2.793697	0.365604	0.476562	1.466741
8.088785	8.278817	8.63172	8.543423	8.089842	8.376654	8.074676	9.464786	6.158409	8.837055
5.259256	3.4296	5.529873	5.751325	5.472924	4.28347	5.569988	3.565883	4.153929	4.650402
5.361135	4.166551	4.5177	4.981568	4.115735	4.178851	4.85362	2.818269	2.677823	3.948255
2.975866	2.674543	3.356365	3.681793	3.401675	3.429577	3.596711	2.287708	1.661111	3.409191
2.848323	3.086743	3.655703	3.583783	3.742585	3.526862	4.078652	2.125621	2.507506	3.338443
3.443644	2.942021	3.248985	3.226534	2.917791	3.110098	3.426969	2.818105	1.475383	3.163347
0.61743	2.443032	1.065552	2.525092	-0.11497	-0.06105	0.746338	0.678384	0.224859	0.264762
4.39564	3.900999	3.964985	3.848119	3.420217	3.751347	3.938081	3.195329	1.263269	3.86298
3.706847	2.095481	3.802757	4.977894	3.251416	3.066201	4.531918	1.917833	1.569655	3.79489
1.252502	2.33867	1.068238	1.378773	0.956131	0.943751	0.512958	1.10173	0.395373	0.931252
6.248678	5.111051	5.092327	5.073487	5.237222	5.683173	5.328467	3.823561	2.874821	4.766531
2.974037	2.450371	2.48403	2.399379	3.813449	4.08096	3.495724	2.448946	4.015204	2.121245
4.527454	4.977208	4.990152	4.389149	4.38621	4.383263	4.326855	4.600527	5.227048	4.12922
5.216945	4.211385	2.057768	4.087825	2.436878	2.067743	3.909673	3.592852	1.298477	4.224552
4.908521	5.192776	5.359996	5.570967	5.453372	5.644729	5.168116	3.395155	2.119001	5.151685
5.89648	4.485048	4.914731	4.951123	5.993965	4.861457	4.975211	4.600259	2.743361	4.389764
3.155688	2.375233	2.942034	3.521036	2.975673	2.837171	2.726808	3.182547	1.154008	3.087449
1.584879	1.595545	2.279456	3.07433	3.803673	3.971965	3.19816	4.805328	0.879786	1.813259
2.951493	1.711537	2.778463	2.872155	2.410672	2.095449	3.161489	1.513161	3.469217	2.449208
5.827181	5.836741	5.46356	5.260989	5.57102	5.771352	5.12058	6.521551	2.734858	5.451677
4.24355	4.226605	4.008715	4.654117	4.254965	4.242729	4.123334	4.264652	1.59215	4.655499
4.754992	4.445163	4.533326	4.999408	4.877018	5.224189	5.190437	4.746022	3.022016	5.08139
0.048966	0.284279	0.078608	0.232086	0.178044	0.258406	0.627474	0.033927	0.018737	0.136219
2.527598	2.255265	0.077902	1.920738	0.131035	0.798454	0.927954	0.980158	-0.03602	0.432584
1.738205	2.474105	2.410592	2.587282	3.084475	3.336938	2.761225	3.38472	1.096412	2.225173
1.055551	2.088101	2.399153	3.8326	2.224147	2.011281	3.681644	3.328214	0.298346	3.529788
0.303891	0.264582	1.345658	0.671106	1.194989	1.225091	1.390473	0.284409	0.796066	0.838804
1.634602	0.767959	0.700922	1.887281	1.907841	2.636619	0.748234	1.895031	0.163418	1.302532

9.987214	10.72459	10.93769	12.1969	10.12751	10.33047	10.83077	11.28676	6.62743	11.88299
5.119278	4.457233	6.369031	4.461406	7.160991	7.465901	4.998995	4.948553	2.700718	5.697171
3.98716	4.098264	4.472038	4.335416	4.150885	4.693785	3.837455	5.202951	1.23394	4.178774
2.368072	2.637867	1.412956	2.204073	0.530637	1.369828	1.844607	0.87431	0.21723	0.910207
0.55331	1.145813	0.704689	0.959037	1.198276	1.651421	1.479127	0.471389	0.319455	0.620091
0.353965	0.746516	1.22251	0.207572	0.299332	0.909414	0.542367	0.241834	-0.0458	0.657876
3.706241	2.838607	2.38442	3.15851	2.331575	1.865468	2.551911	1.851924	1.616279	2.03889
4.998622	5.236731	5.230709	4.688723	4.662295	5.055453	4.61901	4.950591	2.051868	4.605825
5.02976	4.328013	4.796186	4.779985	4.2363	4.458319	4.871721	3.715163	1.811288	4.774297
0.029448	0.199777	0.131137	0.608484	0.029448	0.029448	0.412166	0.265419	0.029448	0.029448
1.833962	1.797353	0.704738	2.437489	0.175328	1.545221	0.184147	1.792699	-0.2064	4.585887
3.971431	8.513024	6.635864	7.918655	6.967694	7.280232	8.111823	8.099437	4.595027	8.246776
9.510738	8.702757	9.075305	8.940071	8.847069	8.799081	9.073278	8.613668	5.871359	8.740497
4.681552	3.581884	4.573072	3.629413	4.231584	4.842895	3.923818	4.864998	1.384972	4.237101
1.358401	2.267703	2.1247	3.228141	1.483067	2.244122	2.991766	0.773084	0.850138	1.390783
5.175498	5.816823	5.392973	5.454047	5.287729	5.759889	5.205381	7.456162	2.088584	5.539307
-0.14878	1.971343	1.328699	3.964366	1.002847	1.631053	2.931423	3.304144	-0.36657	2.084858
4.156929	4.714292	4.006883	3.86398	3.900939	3.743685	4.064251	3.218358	2.026884	3.686005
0.215335	0.328439	0.761664	1.874188	1.280083	1.450332	0.547094	1.695221	-0.14207	0.636979
6.900818	7.57935	7.078057	7.083069	8.549441	9.288984	7.795448	10.68619	5.432964	9.249801
4.257928	2.747499	3.378076	3.396521	3.574146	3.26374	3.909643	2.053266	2.408026	3.1098
4.82792	4.256403	4.341824	4.788158	4.208488	3.748721	4.604437	3.953043	1.967068	3.907165
1.302708	1.039821	0.628115	1.16056	1.092735	1.062824	0.933927	0.447716	0.246639	1.475267
5.960295	5.037316	5.830475	5.871846	5.403343	5.530701	5.877174	4.843957	2.870061	5.678664
2.992391	2.791601	4.234072	3.237258	4.529093	4.523138	3.513321	3.469096	2.495041	3.429241
1.706097	2.27684	2.971014	3.450436	2.110297	1.939379	4.057273	2.327086	0.939802	2.120747
2.611463	3.971799	2.799058	3.179707	2.421045	3.02498	2.353029	3.302747	1.267176	3.571919
3.747149	4.049121	4.559802	4.141212	5.874569	6.147925	4.217964	5.334645	1.253413	4.176789
2.730088	5.218066	4.210263	4.737947	5.611046	6.262448	5.205198	6.525607	1.761739	5.823556
1.070063	2.222865	5.720625	5.477529	5.469292	3.883981	4.582451	3.09445	1.319517	5.315713
1.270228	2.749545	2.443568	4.730202	2.330428	3.626154	3.213756	3.564056	1.291079	4.223649
3.199675	2.6234	3.376601	3.960461	2.853683	2.742667	3.692428	1.86274	1.496665	3.370313
3.217836	2.620035	2.726399	3.043358	3.047149	2.768396	2.859787	2.36563	1.660059	2.4426
3.870047	3.584689	3.622006	3.73096	4.313506	4.29616	4.158762	2.696378	2.225259	3.112163
2.87385	2.224035	2.801968	2.867914	2.258072	2.92167	1.827021	1.568349	0.342777	2.228098
4.099547	4.239383	4.033587	3.881551	3.664185	3.866406	3.653108	3.767487	2.102171	4.419032
7.551194	8.268515	7.454151	7.575407	7.461202	7.865086	7.21692	8.988632	4.190801	8.131664
1.532454	1.05621	1.088794	1.424598	1.554705	1.826725	1.576561	0.724938	0.412126	0.901649
5.485979	5.278457	5.299526	5.537187	4.921001	5.128326	5.073509	6.134344	3.181784	5.322202
2.600095	0.358424	0.41575	0.298472	1.065453	1.614929	1.872104	0.856102	0.318762	0.443498
3.69706	3.551596	3.941461	3.801109	3.540929	3.463645	3.908513	2.773828	1.936108	3.345533
7.494637	3.951851	2.932398	5.069479	1.936531	3.114458	5.223375	1.301068	0.520717	4.861239
3.634467	2.803391	2.384209	3.061632	2.189628	2.240793	3.359605	1.257723	1.501114	1.710031
2.878298	3.346589	3.358482	3.388995	2.999926	2.929876	3.380762	3.819838	0.938175	3.250556
3.225151	4.171579	4.606699	5.075984	5.721436	4.318395	4.924137	4.605583	1.416498	5.223227
0.475065	0.144799	1.313456	0.707451	0.412929	0.051625	0.845684	1.156067	0.051625	0.534517
1.821669	2.341917	2.664173	4.096801	2.423215	2.663276	3.693021	4.02853	0.579754	3.806175

0.259683	0.181671	0.539019	2.295309	0.48685	0.884703	0.915558	2.46531	0.50005	2.549713
2.99006	3.815863	4.275411	6.559333	3.677585	3.366061	4.894498	3.612536	1.587153	4.026892
2.7948	0.947977	1.683304	2.090695	1.552018	2.410407	2.388112	2.157323	0.116779	1.993488
4.051656	4.657	3.52889	3.7886	4.461192	4.489364	3.593332	3.668513	1.654647	3.621869
2.670646	3.428756	3.393769	3.916525	3.642547	3.5597	3.904513	3.36918	2.100131	3.529364
6.129502	6.711078	7.285577	7.190254	6.377314	6.271926	6.549422	4.787275	4.363753	6.523118
1.281235	1.336655	2.523515	4.306232	2.870081	3.32802	4.285629	1.780496	0.584789	3.221111
6.197387	5.024531	7.039585	6.687828	7.47074	5.954241	7.636378	6.649909	5.340881	6.725819
2.515303	1.666196	3.247857	3.601203	2.242111	4.084215	2.398526	3.103922	0.257398	2.661566
3.140118	2.524283	2.095629	2.74734	2.109363	2.391236	2.826243	1.843629	0.83627	2.514974
4.031603	3.569325	3.909087	4.091452	3.442148	3.254925	3.276012	3.137098	1.67379	3.563973
0.103917	0.103917	0.103917	0.669792	0.119311	0.072671	0.179427	0.179427	0.072671	0.072671
6.483025	7.83489	8.575788	8.053775	8.516182	8.865107	7.83583	8.551914	5.353619	8.401835
5.051176	4.794691	4.835788	4.818272	5.080858	4.878615	4.852539	4.600638	2.496454	4.958238
4.289569	4.009046	3.181005	3.776452	2.804703	3.083048	3.62922	3.256175	2.118426	3.628259
0.663545	0.663545	1.173465	1.519958	1.002944	1.030607	1.707249	0.501957	0.093095	0.608676
5.538515	4.691708	5.17854	5.213909	4.742392	4.270691	4.954032	3.653993	1.956126	4.114371
2.993393	0.950722	1.390773	3.484225	1.249555	2.63833	4.087021	1.402948	0.56211	2.096273
3.457367	2.871193	2.955963	3.261084	3.083447	3.365976	3.27037	2.069244	1.453765	2.820126
3.446121	3.706284	3.545447	3.631078	3.173763	3.194716	3.94186	2.329518	2.296567	3.145614
0.093787	0.011882	0.070945	0.366176	0.486472	0.723432	0.201944	0.436373	0.011882	0.011882
0.029523	0.029523	0.029523	0.029523	0.136234	0.105275	0.105275	0.094762	0.029523	0.126009
2.902748	1.737965	3.191574	3.157381	3.681016	3.6106	4.190492	1.501006	1.829218	2.878658
0.499758	1.327597	4.043215	3.464827	2.383269	1.779739	1.896407	2.748003	0.368296	3.10906
1.537573	1.380776	3.225164	3.712185	3.498705	2.699819	4.150412	1.290341	2.342394	2.066449
3.061944	3.301558	3.420437	3.277125	2.885717	2.927424	3.133348	1.94169	1.312623	2.949364
4.782178	4.181261	4.4439	4.390214	3.980544	4.070318	5.213191	3.272728	1.78264	4.911689
6.696086	6.79558	7.102542	6.796616	6.825112	7.056436	7.190271	6.862866	3.5932	6.593057
0.01857	0.01857	0.03176	0.057751	0.303706	0.314353	0.057751	0.01857	0.01857	0.120584
0.613851	2.131018	0.835244	1.125016	0.906959	1.168202	1.384313	1.372345	-0.01006	1.149192
3.690819	2.994306	3.733604	3.728063	3.241341	3.007424	3.584205	1.782613	2.869138	2.817846
8.205521	7.699883	7.286335	7.572148	7.31871	7.77436	6.980371	7.643911	3.705424	7.785028
0.038641	0.057655	0.028997	0.085513	0.328197	0.139	0.147642	0.076313	0.009424	-0.00051
0.554918	0.254604	0.95166	0.828504	1.183263	2.913838	0.828504	1.273777	0.1197	0.267413
4.487984	3.57571	5.176914	4.684931	4.509832	4.071966	5.239493	3.399745	2.726928	3.970099
5.651778	5.6804	5.451024	5.695527	6.184548	6.615313	5.466389	7.206803	3.317577	5.799758
4.912076	5.810863	5.195903	5.451478	5.423639	5.458522	5.551127	5.797189	3.404779	5.154657
4.164795	4.668059	4.585108	4.522152	4.833338	4.650565	4.71479	3.638945	3.149607	4.333651
4.931683	4.34457	4.731429	5.089078	4.265027	3.989647	4.573218	2.915643	2.410755	4.342016
2.243353	1.151098	1.080026	2.911011	1.119359	0.960317	1.220814	0.867254	0.49563	0.711069
3.835703	5.585217	5.581004	5.671727	5.809287	6.0557	6.100819	4.869598	1.958428	6.054373
0.004922	0.004922	0.004922	0.004922	0.135963	0.116817	0.004922	0.067398	0.004922	0.004922
7.552109	6.063371	5.438164	6.64573	5.666209	7.08297	6.494128	5.358952	4.195404	5.562161
4.077241	4.451878	4.646323	4.512573	4.339369	4.311791	4.794053	3.557307	2.196601	4.555367
4.720805	4.996679	5.022224	5.526557	4.72917	4.418475	5.668319	3.489502	3.18844	4.621828
3.57729	2.97091	2.980074	2.842533	2.999646	3.167967	3.22248	1.476524	0.736415	2.856399
5.493729	5.479583	5.168033	5.327029	4.208644	4.813982	4.274781	5.708175	1.914274	5.239382

3.41513	2.455496	2.518002	3.014197	1.364295	1.74654	1.742821	2.046449	0.185396	2.773422
0.001022	0.221955	0.03684	0.025018	1.168174	0.62245	0.211814	0.417376	0.025018	0.001022
5.82516	5.090943	4.909452	4.745881	3.9694	3.210098	5.022534	3.751808	2.214906	3.262837
0.382102	0.468347	0.232732	0.232732	0.352806	0.352806	0.293357	0.352806	0.232732	0.382102
0.021264	0.035338	0.456183	0.194134	0.445744	0.566195	0.348158	0.130121	0.156075	0.035338
5.27596	5.802556	5.941152	5.717744	6.130269	6.886483	6.648832	6.891983	2.949099	6.512804
3.886763	1.903157	4.109002	4.063756	4.521197	3.717541	4.739142	2.305547	2.838545	4.085953
2.269259	2.024739	2.523328	2.181148	2.793752	3.413693	2.71874	1.81965	1.149803	1.991735
0.52418	0.817705	0.930647	2.15249	1.523678	1.669147	0.987671	0.8535	0.694146	1.407293
6.297715	6.332679	6.87852	7.871422	6.679798	7.024768	7.567757	7.282395	3.174372	7.047346
0.000439	0.089561	0.054432	0.980415	0.054432	0.191067	0.157854	0.036611	0.000439	0.64096
0.906072	3.36447	2.166308	3.131763	1.217874	1.175323	3.074763	1.526319	0.059997	2.350744
2.683705	3.232459	3.273931	2.883789	2.824142	2.626918	2.578645	2.874203	0.602335	2.785691
5.902933	6.827993	6.119872	6.12057	5.595574	6.261182	6.439461	6.406321	2.826946	6.35165
0.407015	0.088916	0.290995	0.704213	0.812576	0.743941	0.577327	0.290995	0.07601	0.234696
1.368442	0.16144	0.126742	0.709688	0.228133	0.195222	0.687201	0.95256	0.016609	0.16144
5.017125	3.933996	4.908477	5.415736	4.457696	3.970422	5.031966	3.73208	2.372302	5.048565
4.770869	2.636971	5.563296	5.665239	6.628779	7.133733	5.936793	5.540939	2.918559	5.131628
0.139766	0.462433	0.354567	0.094268	0.183653	0.047036	0.022728	0.034942	0.022728	0.034942
9.740304	9.729218	9.575539	9.517312	8.792065	9.410205	9.432314	11.1344	6.242516	10.03223
4.796273	6.930964	4.908637	4.978332	4.695488	4.308265	4.557392	4.414384	2.705902	4.70544
0.401318	2.311959	2.317468	1.866793	3.272764	3.188781	2.873881	2.264233	0.275557	0.72196
5.949822	8.605056	6.601472	6.630268	5.803171	7.342935	7.140466	8.600176	2.295287	7.556693
4.74831	4.04529	3.852138	4.347788	3.811451	3.934806	3.849679	2.820248	1.683044	3.200096
4.045061	3.870155	3.605802	3.710634	3.6906	3.75818	4.118996	2.67639	1.849189	3.585258
1.092046	1.182856	1.398189	1.528237	0.983539	1.050804	1.628218	1.055461	0.783986	1.850173
0.022485	-0.0264	0.069963	0.022485	0.006351	0.288833	0.054288	-0.00994	-0.0264	-0.00994
1.527042	1.064892	1.165383	0.924814	1.372365	1.101567	0.980869	0.657277	0.035376	0.617667
5.533285	5.274484	5.130152	5.642546	4.789139	4.995598	6.039651	4.413095	2.756609	5.45239
6.097892	5.423617	3.620465	6.935714	3.739085	4.09166	4.16769	1.48066	2.403223	2.486161
2.158814	4.90341	1.510273	1.933476	1.799497	1.881073	1.927622	2.923594	0.457581	2.349763
3.812482	5.160718	4.712091	4.930702	5.707429	6.21102	5.85534	5.609469	2.943523	6.174897
0.148596	0.499987	2.935941	2.371575	1.511186	0.831699	1.20535	1.637865	0.052402	0.12177
3.794043	3.868284	4.935749	5.773959	5.939595	5.193016	5.640665	3.791755	2.810314	5.782312
1.182314	1.545839	0.687108	0.873511	0.782627	1.086655	1.388565	2.894361	0.02401	1.673128
3.378868	3.402582	3.218738	3.596279	3.402122	3.297979	3.204793	3.62674	1.090231	3.477736
2.250716	3.075629	1.586318	2.241358	0.981903	1.378609	2.411098	2.444899	0.208161	1.890559
0.344619	0.986705	1.661227	1.045298	0.919329	0.518198	1.106104	0.163426	0.049473	0.174246
5.295805	3.164385	5.068348	4.546319	4.595458	4.207433	4.602873	4.805965	1.705481	3.757461
4.745855	4.645385	6.281875	6.355947	6.035605	5.547529	6.541846	4.717802	3.133335	6.081589
0.560728	0.329691	0.764417	1.312292	0.542205	0.542205	1.49822	0.605903	0.26192	1.057943
4.907171	4.303659	5.383122	5.020051	4.850784	6.827213	5.597839	4.647995	2.616913	5.806594
6.179296	6.06455	7.101283	6.586211	6.821349	6.758572	7.421401	5.810325	4.014782	6.358902
0.046592	-0.01587	0.685844	0.486028	1.044855	0.503213	0.486028	0.655896	-0.01587	-0.01587
2.827101	2.280102	2.828995	3.417978	2.964154	2.866201	3.426813	3.205894	2.117707	2.295559
0.715326	1.224098	2.506154	4.104859	1.784653	1.627632	2.919541	1.402752	0.589806	2.321128
1.698774	1.79213	2.753852	3.224111	2.804031	2.71156	3.537214	2.069952	1.305923	3.747088

1.648821	1.849455	4.339802	3.645631	4.047824	4.320335	4.063641	2.100441	3.199686	3.765636
0.28895	1.920526	2.068132	1.585331	2.273914	3.537012	3.112213	2.652893	0.409892	2.828925
1.457262	2.725137	3.266235	3.056006	2.805617	3.07522	3.157379	1.457262	1.534792	1.568576
4.785368	3.794086	3.804517	4.44216	3.722605	3.220544	4.448485	3.444683	1.654449	3.701122
8.760283	9.018883	9.803337	9.739167	9.390493	9.560397	9.350472	10.15074	5.203042	10.50416
3.923997	5.615113	4.606226	3.547082	4.428275	4.640022	4.21418	3.315338	2.382038	4.39044
1.915261	2.006001	4.022936	4.849059	3.632719	2.862067	5.357664	1.876104	2.281635	3.676899
5.3641	5.133099	8.085204	7.428952	8.404009	7.107892	8.107359	6.744245	5.508696	7.308697
5.428543	-0.07512	3.942977	3.386943	3.852669	3.976679	4.293705	3.148353	1.65085	4.20432
4.102241	2.936054	3.254786	3.580489	3.770913	3.494153	3.517554	2.676642	2.829066	3.016721
2.597434	0.590042	0.680627	0.947867	2.366685	2.607489	1.75103	2.363292	0.086547	1.258723
3.071343	3.226166	3.271862	3.427331	3.416232	3.509119	3.043196	2.503752	1.353918	2.678128
4.016624	3.724101	4.062899	3.95034	4.172261	4.175113	4.062101	3.160388	1.467187	3.877665
3.942622	3.486272	3.270161	3.649495	3.371028	3.467556	3.656995	2.499253	1.503697	2.984514
1.572021	0.456891	2.632995	2.681777	2.620472	2.058976	2.79004	0.796507	0.436487	2.111339
4.053553	2.701011	3.867481	4.266031	2.984319	2.60466	4.230879	2.27157	1.426199	3.357617
1.837038	1.355525	2.258959	1.934595	1.70123	1.754561	1.710834	0.906285	0.494689	1.825634
3.357724	2.813361	3.337903	3.590248	3.762271	3.392394	3.287421	2.155515	1.859928	3.495394
0.804289	1.650273	4.035047	1.929485	4.198657	3.519434	5.230303	5.77071	0.872135	2.719561
4.557169	4.397266	4.138889	4.33123	3.774772	3.693082	3.930876	5.329549	2.238614	4.715037
3.971777	2.460725	1.833747	2.873634	0.897616	1.199838	2.351017	1.901294	0.747725	1.159875
5.025218	4.924061	4.82787	4.871614	4.660006	4.911118	5.043857	4.51164	2.618828	4.668308
3.725511	3.684442	2.8477	4.177787	2.447028	2.722573	5.60368	2.960086	0.729414	2.276012
4.641214	4.585165	5.349052	5.037812	4.534298	4.334153	5.167155	3.700251	2.513274	4.995073
4.698659	4.39611	5.282978	4.830281	5.092538	4.954721	4.853333	4.859286	3.249538	4.709065
4.238942	3.893884	5.159962	4.950799	6.095407	5.097833	5.141192	3.530467	3.909289	3.990625
5.47326	5.077001	5.095379	5.443504	5.673562	5.093056	5.56922	3.968231	3.163309	4.427498
5.834749	5.798776	5.097631	5.027128	4.884043	5.070935	4.936727	6.73674	3.272096	5.633697
3.339447	2.379364	7.648459	6.903598	7.131345	5.730582	5.508688	7.289822	4.249774	7.195186
3.425495	2.591012	4.757329	2.131588	4.79385	5.40565	5.004548	2.61075	3.721605	4.151683
4.967403	4.453332	3.679966	4.268348	3.576803	3.561525	3.97499	3.466129	1.498575	3.846981
4.978487	5.519353	5.65422	5.913254	6.706189	7.09296	6.335917	5.297032	5.201083	7.820718
3.168327	2.134725	3.124126	2.933188	2.773357	2.494131	3.249427	1.85015	1.042929	2.331724
2.81088	2.759092	3.016529	3.414908	2.658733	2.865824	3.45319	1.960158	1.511085	3.434754
1.908254	3.78366	2.951846	4.575689	2.621372	2.584535	3.386451	2.686085	0.808681	4.461091
1.342364	3.486513	2.305465	3.336107	2.116866	3.334799	3.495967	4.741511	1.157856	2.757664
2.200491	0.008081	0.113759	0.861099	0.813235	1.099617	0.389855	1.242035	0.019104	-0.00305
5.657905	5.046848	5.719106	5.392653	5.449931	5.526069	5.284723	4.618426	2.880943	4.971034
4.068809	4.024628	4.941986	4.647154	4.461943	4.389334	4.927747	3.55044	3.433711	4.572303
5.235495	4.97598	6.140176	6.065752	5.548837	5.245559	5.858936	4.439498	3.519451	5.011368
-0.02254	-0.02254	0.237344	0.025785	0.274728	0.149767	0.035175	0.865089	-0.02254	-0.02254
-0.0351	0.210279	2.347368	2.026057	1.433052	2.749018	0.8451	2.189348	-0.10527	3.272135
4.055009	3.730994	3.839173	3.731456	3.441429	3.750223	3.282652	5.203806	1.292021	3.668565
3.626725	3.164345	5.016819	5.434412	3.926194	3.553494	6.861724	2.541378	3.146329	3.641626
0.917971	1.288832	1.658474	2.145693	1.744899	2.437902	1.602244	2.147615	1.491196	2.076375
3.455721	2.985254	4.014271	3.487479	3.532514	3.05734	3.817319	1.864367	4.584185	2.777559
7.976717	7.465672	6.816514	7.226583	6.46358	6.537724	6.921738	5.879209	4.087421	6.805275

3.780006	3.128787	3.43662	3.630724	3.249767	2.676918	3.764358	2.157953	1.376308	2.531782
0.445112	0.677736	0.782732	0.253854	0.374168	0.591152	0.591152	0.374168	0.173909	0.827321
4.827201	5.625621	4.774968	5.226278	5.330456	5.335579	5.090019	4.512333	1.920302	4.182488
4.27057	4.110113	4.320755	4.417821	4.001958	3.636292	4.64219	2.422267	1.774339	3.681019
2.763752	1.586683	1.891608	1.618613	6.469753	5.730069	3.262947	3.287182	0.454268	0.877267
1.770905	3.079614	2.553791	2.677624	1.336504	2.286425	3.280453	1.093194	0.867094	2.796564
0.014424	0.551981	0.057188	0.278196	0.216623	0.405084	0.057188	0.139101	0.014424	0.241568
6.67481	6.018946	5.642866	6.253095	5.394666	5.349657	6.140251	5.280784	3.203645	5.848004
3.305028	4.517112	4.763888	6.843514	3.765402	4.630266	5.857165	6.4545	1.930053	5.864375
7.559738	6.879633	6.622181	7.031163	6.08187	6.290328	7.186492	5.731723	3.554463	6.291456
5.652607	5.0893	5.808291	6.538304	5.574622	5.48831	6.130951	4.997435	2.94465	4.625283
4.485719	3.98805	3.178406	3.915818	3.580457	3.972016	3.849676	5.218484	1.826743	4.177804
3.446137	3.147415	3.534667	3.803371	3.336062	3.052903	3.844947	1.827356	2.340927	3.158654
2.800808	3.246294	3.596632	3.669265	3.405883	3.787651	3.762146	3.652778	2.253785	2.941971
0.049712	0.062453	0.228668	0.239754	0.261642	0.049712	0.751543	0.136344	0.049712	0.099932
-0.10218	0.159378	0.065672	-0.02572	2.31421	3.949322	1.291489	3.845181	-0.06879	1.519892
3.768208	2.737889	2.36143	3.700425	1.215477	0.990391	2.830606	2.089739	0.35152	1.989403
1.52983	1.05401	0.742306	2.42798	0.502072	1.370782	5.523382	3.684925	-0.16209	3.217736
6.499213	6.529988	6.384262	6.605982	5.808275	6.575898	6.413524	6.879211	4.56833	6.402933
3.083051	3.345001	3.564978	3.672556	3.335399	3.532292	3.830683	3.67656	1.955287	3.443393
5.041687	4.374825	4.937239	4.845968	5.179969	5.092158	4.967109	3.270522	3.206335	4.389274
4.564972	3.656176	4.057495	4.16429	4.267898	3.957331	4.283622	2.989263	1.708209	3.199196
3.192285	3.404454	3.436326	3.23735	3.537658	3.248105	3.354053	2.635417	2.352592	3.833147
4.516409	3.785327	3.725246	3.191098	3.73655	3.678024	4.551737	2.273038	1.586078	3.752398
3.757319	3.892776	4.676998	3.843194	5.483856	5.319653	5.13548	4.76015	3.901397	4.249042
4.998398	2.007602	5.072676	4.805118	4.440827	4.59985	4.29635	2.334573	3.024308	4.229444
3.076367	2.756402	2.539449	3.240582	3.019226	2.744154	2.717435	2.200151	1.252804	2.203056

CGGA_62	CGGA_62	CGGA_63	CGGA_65	CGGA_66	CGGA_70	CGGA_70	CGGA_70	CGGA_72	CGGA_72
0.877197	0.768814	0.702647	0.9066	0.420073	0.614994	1.198924	1.011383	0.685575	1.255962
0.531551	1.101021	1.539856	1.94077	1.442043	2.494961	1.591455	1.324949	1.458814	1.837759
6.155435	5.618393	6.135471	6.223262	5.785539	5.974979	5.672108	5.864092	6.022952	6.471095
3.924236	3.992531	3.621332	4.233534	4.335581	3.399249	3.608617	5.090136	3.118449	4.059376
1.060631	0.588252	1.554688	1.038906	1.644167	0.916361	1.597854	1.319713	1.096037	1.271928
7.832667	7.456217	7.044755	7.02693	6.709966	7.404431	6.862325	6.784192	6.754165	6.926239
7.043281	5.990974	6.059404	6.124524	5.726609	7.082022	6.565837	5.992107	5.717856	6.330294
0.213731	0.306885	2.46413	1.913233	2.238207	1.007984	0.682419	1.629173	1.136352	1.971688
0.009871	0.186599	0.164415	0.250909	0.071566	0.071566	1.356189	0.398683	0.118842	0.009871
6.023077	5.759588	5.853833	5.844318	5.543398	5.338485	5.706099	5.344502	5.84338	5.63253
5.36433	4.937239	4.549778	4.909242	4.336452	5.071467	5.162622	4.669765	5.591877	4.869301
2.738962	2.653329	3.755155	3.337842	3.910044	3.199099	3.21708	3.520054	2.759893	3.7095
3.406905	2.209668	1.663364	2.340394	1.965928	3.055286	2.345835	2.714606	1.695533	2.721168
3.330568	3.190411	3.83599	3.624879	3.432707	5.352966	3.195	3.209563	3.754619	4.132712
5.165439	4.781541	5.73068	5.184547	5.773764	5.153396	6.086359	6.399995	5.655914	5.461579
4.030432	3.782157	3.400388	3.642201	3.820985	4.052898	3.737499	3.074991	3.571923	3.425294
1.081789	0.663556	0.777922	1.055269	1.224722	2.514475	1.447749	1.27909	0.656021	1.331032
8.088319	8.652615	8.326169	8.822162	7.797407	8.560408	8.254558	8.138693	8.611823	8.694889
5.185711	4.572798	5.012601	4.804921	5.467378	3.974013	5.71062	5.255922	4.99012	4.994736
4.075806	3.474009	4.246717	4.175791	4.381222	4.11964	4.238704	4.062813	4.036295	4.238704
3.267839	3.059725	3.556217	3.522451	3.484923	3.512352	3.632655	3.49185	2.918388	3.613695
2.691707	2.801788	3.826514	2.961842	4.074443	2.522314	3.95965	4.539112	2.808322	4.291379
2.600833	2.993114	3.205901	3.077823	3.228801	3.012861	3.126489	3.056621	3.094732	3.133968
2.752483	1.465809	0.157856	0.431765	0.067953	1.820167	0.077279	0.471477	1.194459	0.431765
4.092297	3.78509	3.627864	4.028673	3.916624	3.544174	3.354015	3.533471	3.681414	3.798614
3.740374	2.893948	2.776708	2.228055	3.238878	4.834313	4.896814	3.464897	1.888737	3.925574
0.742413	0.806138	1.28643	1.085091	0.596712	0.727819	2.547622	0.90589	1.155709	1.338025
5.615877	4.40835	5.094712	4.985988	5.248902	4.749573	5.812144	5.237601	5.323588	4.989343
2.358375	1.775635	4.186147	3.367013	4.429314	2.430255	2.76984	3.143379	2.593139	3.721393
4.718595	4.53261	4.544122	4.319446	4.190836	4.160465	4.723999	4.417398	4.385474	4.382525
4.499385	2.21473	1.771184	2.827035	1.230635	4.189781	2.909023	2.365237	1.957149	3.460135
4.329245	4.38662	5.596832	5.579525	5.719724	3.981683	5.228385	5.415627	5.011589	5.552786
5.563673	4.843643	5.141629	4.949383	5.20993	3.863606	5.198779	5.83644	5.141335	5.779506
5.039853	2.737453	2.856565	3.532192	2.581724	3.615909	3.522155	2.68328	2.588921	2.766779
1.630475	2.129623	3.549478	3.567165	3.501357	3.380939	2.77258	2.904456	3.066462	3.323162
2.33923	2.002884	2.346584	2.143402	2.382644	2.426702	2.637324	2.549278	2.1046	2.704834
5.614165	5.771993	5.621687	5.960749	5.550971	5.187258	5.38721	5.313996	5.784173	5.550568
3.629831	3.841499	4.150124	4.363838	3.906321	4.564925	3.925397	4.173619	3.659654	4.168786
5.33043	4.944375	5.09054	5.1047	4.5539	5.370446	4.481956	4.882133	5.024291	4.882417
0.063859	0.048966	0.122019	0.033927	0.063859	0.627474	1.053764	0.454067	0.048966	0.078608
0.756085	0.28674	0.786501	0.816163	0.749908	0.804386	0.259048	0.211421	0.591183	0.221099
2.400976	2.341688	3.263151	3.278643	3.090075	2.758321	2.273078	2.69113	3.045717	2.649027
1.355389	2.71044	1.436548	2.695744	1.516137	3.622621	2.829056	1.699039	1.934238	2.999708
0.32304	1.020857	1.22084	1.127622	1.784512	0.868362	1.010626	2.244704	0.678042	1.508497
1.009606	0.130777	2.05637	2.484974	1.662998	2.444723	0.99887	1.237878	1.410878	1.984377

10.50654	11.03505	10.42205	10.75436	10.05142	11.98166	10.59735	9.949863	10.33492	10.93686
5.174682	5.237953	7.153591	7.15315	6.942552	3.550379	5.615304	6.963597	5.559744	6.99811
4.857243	4.901505	4.564644	4.877859	4.285558	4.113283	3.571387	3.811775	4.551896	4.377677
1.579341	1.142477	1.2105	1.573695	1.061346	1.448221	1.73694	0.60548	2.002933	0.969244
0.278903	0.459307	1.404171	0.774942	1.291033	1.083486	1.099315	1.844304	0.641698	1.791007
0.224837	0.751825	1.355462	0.476304	0.746516	0.686353	0.567717	0.483092	1.295847	0.904818
2.748951	1.96801	2.224476	2.346639	2.39468	2.446487	2.588252	2.118656	2.723803	2.37406
5.040598	4.727476	5.138009	5.123827	4.805897	4.669184	4.614936	4.684931	4.639124	4.990625
4.759245	4.680113	4.424056	4.584453	4.419653	4.510922	4.479717	4.393798	4.433043	4.432076
0.303471	0.15897	0.029448	0.303471	0.029448	0.502597	0.577494	0.213137	0.029448	0.46932
2.38856	0.301313	0.157496	0.451202	0.130246	4.426798	0.988963	0.332809	0.348256	0.044618
7.316405	7.982585	7.14789	8.128338	7.198119	7.578617	7.942098	6.332222	7.094294	7.864164
8.727568	8.99811	9.041381	9.03535	8.831776	8.277661	8.931833	8.947767	8.886868	9.301162
5.252358	4.399877	4.572014	4.58594	4.342609	3.897086	4.679649	3.867536	5.328345	4.414171
1.090346	0.82499	1.748284	1.578027	2.198297	4.027807	2.450507	1.600655	1.020233	2.492226
6.046879	6.425657	5.419296	5.869422	5.176297	5.417328	4.97556	5.212453	5.568916	5.606894
1.60202	1.810967	0.254748	1.178656	1.803928	3.422379	1.809211	0.64331	1.163449	3.601896
3.718795	2.8782	4.123406	3.562748	3.887652	3.791734	3.902917	3.981549	3.03892	4.066503
0.063947	2.359349	1.50709	1.675615	1.457588	1.173085	1.061498	1.169959	1.227882	1.206895
7.00235	9.327729	9.277328	8.841081	8.767094	6.825862	6.15143	8.668269	8.790727	9.604705
2.929668	2.588991	3.537693	2.932421	3.95031	3.221198	3.25777	3.891092	3.000209	3.735312
4.378327	3.552951	4.051851	4.099446	3.973615	4.404534	4.694334	4.32639	4.372831	4.167565
1.29968	0.767252	0.938202	0.46787	0.8902	0.726355	1.477832	1.157096	0.816244	0.967653
5.444726	5.314962	5.674888	5.816556	5.547788	5.369429	5.428859	5.600301	5.103061	5.797385
3.708749	3.289431	4.573085	4.222849	4.653248	3.284422	3.758465	4.263322	3.667464	4.208879
2.014273	2.122826	1.844044	2.87825	1.887615	3.570698	3.231959	1.520384	1.694359	3.41915
3.124961	3.258986	2.808306	3.176148	2.631124	3.186084	2.880373	2.637191	3.191016	2.81137
4.54186	4.324374	6.174083	6.024111	5.908169	4.410686	4.059045	5.404256	5.060936	5.548114
3.170987	5.504664	5.62701	6.021648	5.246634	5.154586	3.174315	4.991638	5.507691	5.4045
2.213397	5.510961	5.798258	5.187216	5.536954	3.849395	2.847339	5.270772	2.758847	5.19234
2.758331	3.764917	2.558119	2.278764	2.270674	3.0895	2.576486	3.021952	3.097976	2.550148
3.026464	2.259126	2.707828	2.526368	2.773964	3.190571	4.049275	3.349647	2.718655	3.532394
2.776597	2.130494	3.058439	2.728111	3.465625	2.59895	3.356116	3.171843	2.745086	2.971309
3.370826	2.865854	4.180702	3.93998	4.006264	2.985055	3.645257	4.223272	3.339427	3.972961
2.13361	2.055007	2.612131	2.251156	2.586065	2.796759	2.385614	2.822544	1.648422	2.715243
4.112697	4.409124	3.8272	3.735279	3.612464	3.961622	4.40006	3.706072	4.157073	3.559676
7.871311	8.388653	7.378074	7.986994	7.145319	7.877198	7.588901	7.546578	8.118642	7.816455
1.133014	0.626095	1.482044	1.107939	1.664355	0.832386	1.107939	1.359192	0.938514	1.364348
5.797131	6.322515	5.027769	5.444508	4.856508	5.09126	5.465687	4.952082	5.848844	5.078362
0.452618	0.396919	0.862762	0.452618	0.856102	0.396919	0.895564	0.565735	0.737362	0.692742
3.402482	2.965464	3.849606	3.468698	3.909908	3.334075	4.256282	3.917313	3.467257	3.932416
1.190955	2.341649	1.967876	3.57013	1.893382	4.625268	3.723112	2.453015	3.350361	3.19042
1.900075	1.671901	1.900075	1.851228	2.080056	5.033624	2.645826	2.321391	1.956121	2.221564
3.268527	3.389542	3.108728	3.38571	2.746534	3.987376	3.461807	3.013385	3.007864	3.05122
3.805214	5.153251	5.755191	4.063736	3.617127	7.295997	3.36712	5.738046	4.086635	4.936055
0.336706	0.544181	0.219932	0.920955	0.244093	4.682565	0.524785	0.219932	0.092331	0.664005
2.829458	4.012788	1.474184	3.309567	1.980595	4.393074	3.1802	2.03308	2.853843	3.377794

0.14939	0.228925	1.27114	1.221235	0.244376	1.873727	0.348621	1.449431	0.244376	1.66251
3.996416	3.684361	2.87835	4.086558	3.083744	7.100141	4.865465	3.306835	3.022693	4.442295
2.48408	2.40033	1.735038	1.723753	2.009582	2.645709	3.137489	1.685265	3.307923	1.796856
4.146255	3.547684	4.259591	4.00309	3.955812	4.128476	4.067537	4.139515	4.223334	3.952322
3.370999	2.660035	3.765034	3.424733	2.93232	3.768786	3.462068	3.046045	2.879714	4.052865
5.596519	6.033493	6.564877	6.23415	6.485791	6.474692	7.423633	6.991641	6.712557	7.412135
1.971732	2.402522	1.70994	3.319711	2.070056	4.670514	2.764947	2.883335	2.534534	3.716871
5.848635	7.338273	7.003864	7.19443	6.760867	5.276887	7.383189	8.045925	6.27058	7.073871
4.19072	2.876401	2.982401	2.179135	2.272469	4.965862	3.200454	2.752232	1.725143	3.026056
2.920759	1.941704	2.160976	2.152817	1.990434	2.127962	2.765999	1.830438	2.820983	2.342949
3.072065	3.076244	3.632869	3.394719	3.895259	3.516002	3.794383	3.351684	3.727038	3.905153
0.072671	0.208648	0.149655	0.265514	0.072671	1.000118	0.265514	0.164612	0.103917	0.072671
8.713705	8.568939	8.998194	8.833922	8.687862	7.798105	8.256637	8.645763	8.42247	8.70103
4.372324	4.401097	5.054387	4.974199	4.855471	4.494956	4.496265	4.945502	4.903255	5.241584
2.512643	2.580068	2.839963	3.299659	2.540995	2.966706	3.187908	4.180792	3.27555	3.21109
0.491827	0.491827	0.886304	0.945871	0.816021	2.157299	0.974706	0.750351	0.481622	1.064415
4.155394	4.517272	4.869104	4.317531	4.885477	4.321972	4.792797	4.87687	4.508667	5.20875
1.100431	1.137366	0.959002	1.5525	1.070184	3.682108	1.085387	2.622854	0.959002	1.891544
2.059375	2.461185	3.393702	3.069512	3.776953	2.739759	3.01577	3.144365	2.691064	3.173532
3.286543	2.739568	3.310045	3.521005	3.280585	3.278191	3.579281	3.305386	3.429654	3.25763
0.011882	0.138216	0.526694	0.461681	0.427817	0.059361	0.191553	0.159833	0.262485	0.252603
0.029523	0.029523	0.11569	0.040664	0.051695	0.094762	0.156408	0.08415	0.073436	0.146367
2.926362	3.120192	3.455942	3.135991	4.122866	2.172947	4.953198	4.733555	3.180285	3.985568
1.979621	4.876904	4.145677	3.687507	3.411725	3.194061	3.305672	3.946406	3.264579	3.290971
1.927676	2.45391	3.341281	2.593208	3.172519	3.34745	3.273678	5.271191	2.993114	4.654455
3.280825	2.704944	3.195029	2.965944	3.061944	2.67954	3.187004	3.191024	2.802918	3.264699
4.105162	4.140754	4.26729	4.234796	4.126023	4.006292	3.931695	3.915137	4.107793	4.524882
6.90212	7.461964	6.966365	7.290872	6.935455	6.721063	7.082946	7.096894	7.074305	7.38772
0.057751	0.01857	0.168791	0.044819	0.237964	0.203829	0.144907	0.057751	0.01857	0.070559
0.719347	0.991196	0.530428	1.054737	0.279525	2.334706	0.657119	0.952588	1.007386	0.4743
2.433133	2.383206	3.592159	2.608963	3.582606	3.073247	3.657648	3.917846	2.343222	3.644175
7.302395	7.504474	7.787803	8.266981	7.421235	5.993745	7.042465	6.881839	7.616448	7.427922
0.067027	0.121487	0.094629	0.130282	0.245903	0.22223	0.103662	0.112614	0.038641	0.067027
0.228632	0.241677	1.376432	0.523346	1.086563	1.520308	1.156302	1.086563	0.241677	0.703005
3.891309	3.708781	4.922026	4.103211	4.629884	4.12721	4.953097	4.788782	3.869075	4.851473
5.527037	5.990535	5.972994	6.340903	5.746834	5.309961	5.623752	5.890938	5.473142	6.274589
4.800769	5.51888	5.412949	5.040215	5.58991	4.947085	5.208387	5.430066	5.432626	5.258614
3.667023	4.408384	4.948561	4.299864	4.910892	3.583449	4.741164	5.520018	4.014166	4.921581
4.412194	3.647879	4.39873	4.303447	4.276542	4.847744	4.594231	4.569946	3.95144	4.724759
1.576801	1.063215	0.59832	0.800548	1.634835	2.988356	1.595789	0.933973	0.875316	0.774457
3.581888	3.615825	5.864024	5.227431	3.953516	6.882199	6.107976	5.656982	3.643727	6.064429
0.015591	0.004922	0.14541	0.107113	0.077465	0.004922	0.015591	0.026154	0.015591	0.067398
6.244785	4.51545	5.953554	6.182626	4.897081	6.80271	6.680455	6.173549	6.428542	5.718681
4.242196	4.238073	4.456197	4.479986	4.421875	4.288543	4.533856	4.36757	4.298746	4.622938
4.327398	4.029966	4.707708	4.413991	4.69186	5.628075	5.38331	5.137464	4.25156	5.113147
2.550577	2.486569	3.046246	2.367468	3.378829	2.5221	2.918942	3.075683	2.629267	3.155295
7.531091	5.584037	4.94792	5.074202	4.530039	5.513362	4.806886	4.704084	4.599036	5.099326

5.928261	1.642137	1.584456	1.456014	1.811696	3.385512	2.850992	1.479099	1.764974	1.227088
0.025018	0.001022	0.888489	0.778806	1.130597	0.001022	0.180874	0.629684	0.328234	0.593072
4.698449	4.188526	3.706186	4.098186	4.20604	3.978142	5.042908	4.335982	5.134645	3.940537
0.232732	0.323226	0.439868	0.232732	0.232732	0.323226	0.552228	0.382102	0.232732	0.382102
0.063073	0.049274	0.763462	0.325526	0.64115	0.243337	0.103682	0.218949	0.168875	0.325526
5.690084	6.664786	6.097963	6.837535	5.994132	6.6288	6.193789	5.79869	6.222661	6.349446
3.168397	3.569854	4.599324	4.343481	4.700614	2.762026	4.393139	5.183691	4.011854	4.800753
3.322187	2.510334	3.028814	3.018407	3.006847	2.678591	2.49719	2.638435	2.566119	3.252009
1.227498	0.733415	1.610891	1.207415	1.33585	2.204081	1.496886	1.401485	1.401485	2.074592
6.751524	6.714538	7.224784	6.977817	6.807503	8.013902	6.833159	6.231209	6.882802	7.017908
0.000439	0.000439	0.141019	0.393369	0.000439	0.271548	0.271548	0.141019	0.124027	0.124027
1.845296	1.535026	1.26987	1.532131	1.127054	4.08499	2.406702	0.850107	1.277112	1.961096
2.713823	2.582837	2.486702	2.617836	2.691312	3.209644	3.695202	2.746747	2.992004	2.945637
5.998275	6.16886	6.189513	6.066143	6.046494	6.644536	6.162166	6.489546	6.163005	6.685421
0.101697	0.163813	1.086783	0.568419	0.877825	2.133068	0.819986	0.456565	0.211488	0.485427
0.206286	0.526236	0.260218	0.332091	0.238917	0.656589	0.361698	0.138413	0.656589	0.16144
4.603988	4.466751	4.402236	4.720307	4.511853	4.291067	5.360851	4.052371	4.763876	4.45913
5.084671	5.028073	6.680108	6.691585	6.636107	5.868979	5.751576	6.17271	6.281552	6.678246
0.022728	0.022728	0.1058	0.287019	0.059014	0.034942	0.382426	0.010393	0.117225	0.082628
10.62868	10.45003	9.122782	9.85941	8.699581	9.655683	9.761836	8.793101	11.13826	9.377923
4.870873	4.798614	4.521053	4.438177	4.505306	4.857976	5.289839	4.814277	4.620954	4.695165
1.003671	1.352531	3.642794	1.368958	2.126204	2.884884	3.21062	1.990426	0.506531	4.534446
6.777734	7.63808	5.972797	5.780094	5.362398	7.769188	6.820843	6.873629	6.166182	6.756556
4.578525	3.145308	3.663052	3.603416	3.704795	3.481769	4.08989	3.648269	4.078543	3.620363
3.419636	2.785839	3.747645	3.829196	3.418741	3.38787	4.220824	3.370229	3.746321	3.907916
0.863643	1.24357	0.953454	0.978579	0.983539	2.275177	1.582255	1.6169	0.789864	1.537419
0.006351	0.261271	0.038463	0.038463	0.175715	0.069963	0.261271	0.175715	0.100874	0.116116
0.607597	0.378641	1.285336	0.587251	1.206454	0.667016	0.823506	0.761053	0.556199	1.35414
5.823674	4.639268	5.01527	5.640694	4.956991	5.356372	5.356242	4.51359	5.197033	5.120288
5.082482	2.167191	3.258542	3.409076	4.238799	5.463171	3.876354	3.874926	3.121635	2.420788
2.194377	2.999585	0.768677	1.323255	1.207489	5.560819	3.010204	2.205587	2.799554	1.08352
5.128292	5.496479	6.40435	6.103491	5.241306	4.862912	4.3684	6.345792	5.436134	6.144347
0.815167	2.760979	2.549199	0.457858	0.856142	2.187675	3.383253	1.741229	0.609792	1.575936
5.026111	5.109776	5.771972	4.93087	5.902704	5.704725	5.389169	5.74516	5.155255	5.033479
2.032976	2.33147	0.946276	1.139976	0.502194	6.055378	1.661282	1.410744	2.302517	1.168402
3.639821	3.503361	3.372257	3.511209	3.367508	3.689442	3.525097	3.316203	3.45448	3.330149
2.76017	1.77458	0.987229	2.752815	1.401442	1.968413	1.92524	1.132261	2.793916	1.335591
0.32579	0.399388	0.408278	0.316263	0.353923	1.09119	0.758854	0.30666	1.466006	0.611409
4.804576	5.297209	4.824138	5.039731	4.714092	3.937764	5.011012	4.724932	5.101076	4.576348
4.979901	5.966843	6.199656	5.975765	6.230348	5.664362	5.67543	6.585	5.053896	6.270798
0.716435	0.810673	0.494696	0.700036	0.372967	1.281145	0.855326	0.383562	0.61475	0.756543
4.276177	3.62286	5.855583	5.152287	4.296136	6.810979	5.695028	5.852205	4.354224	5.644703
6.861114	6.965815	6.808231	6.725363	6.99714	6.061455	6.833233	7.241027	6.975644	7.216609
-0.01587	0.423999	0.958126	0.663448	0.736624	-0.00313	0.40571	0.707853	0.320013	0.609618
2.6429	2.611085	3.257745	3.218589	3.11706	2.997941	3.059493	3.043257	2.684661	3.586287
1.117578	1.642693	2.048635	2.3331	1.780157	3.182241	2.521772	1.854625	1.555014	3.080537
2.563576	2.094249	3.252736	2.637569	2.954811	4.164523	2.926378	2.792017	2.234769	3.282475

2.560114	3.507948	4.157469	3.591754	4.190085	3.062607	4.268077	5.152496	3.332634	4.573471
0.549274	1.62339	1.985376	2.041122	1.366389	4.270785	2.984122	2.413516	1.979033	2.520888
2.763308	2.594344	3.053853	2.063046	3.480535	2.250486	3.196609	4.839558	1.665008	3.938613
3.931713	3.171433	3.410895	3.763256	3.641263	3.767561	4.109309	3.306007	3.831177	3.718117
10.04815	10.70645	9.886213	9.882778	9.506728	10.17698	9.225169	9.470478	9.37513	10.01254
3.248498	4.266646	4.630384	4.690842	4.62296	4.193674	5.427963	4.698923	4.439725	5.117194
2.046735	2.567862	2.547012	3.506959	3.085868	4.548055	4.428544	3.386016	2.281635	4.548055
5.445855	8.577427	8.434977	7.483591	8.741622	6.166215	8.023143	9.183138	6.408515	8.390898
4.722469	5.094794	3.667626	3.710414	4.420137	2.857717	4.331587	4.25591	4.175921	3.130176
2.957085	2.642879	3.974533	3.124049	4.047231	2.949243	3.553718	4.016121	3.121796	3.651575
0.773862	0.690817	1.924977	2.192247	2.056204	0.617457	0.521361	1.747101	1.215208	2.445166
2.734674	2.519427	3.071343	3.24468	3.617867	2.646387	3.103265	3.39482	2.724031	3.072885
3.795711	3.881828	4.276262	4.04492	4.39662	3.730086	4.107858	3.990071	3.617214	4.217828
3.270161	2.871647	3.534273	3.326612	3.45266	3.440918	3.652229	3.434145	3.242749	3.449319
1.43213	1.868167	2.714166	1.979831	2.583701	1.516441	1.665111	2.717066	1.02851	2.403072
3.179807	2.628829	2.909155	2.879422	3.214335	4.124704	3.58661	2.978399	3.622723	3.712188
1.589527	1.263117	1.87603	1.560616	1.784745	2.164767	2.119873	1.970275	1.135247	1.975278
2.210576	2.947275	3.463613	3.213909	3.7835	3.358757	3.61388	3.948642	2.4401	3.772566
4.289676	3.733279	5.491465	3.32624	4.015256	3.776907	4.708822	2.127375	3.808203	5.406765
4.506651	4.66712	3.894491	4.463046	3.71077	4.546975	4.281356	3.781707	4.598611	3.920536
2.797828	1.504495	1.106635	2.269108	0.973287	1.747807	1.454536	0.723685	2.215834	1.0699
4.316369	4.780254	4.609422	4.923101	4.737404	4.935695	4.852785	4.582408	5.054299	4.856086
2.907303	2.202574	2.550112	2.612862	2.314767	6.005116	3.81905	2.462688	3.950859	2.175901
5.084254	4.705458	4.849236	4.506173	4.798516	4.7909	5.1039	5.001882	4.498894	5.028662
4.573424	4.673455	5.61021	5.046053	5.221861	4.677148	5.11481	5.197973	4.744756	5.140756
4.144509	3.657032	5.732297	4.713769	5.662832	4.186569	5.671414	5.784535	4.118988	5.825842
4.658898	4.503088	5.551505	4.947741	5.350921	4.213491	5.458842	5.401833	4.746506	5.154503
6.250712	5.934682	4.919389	5.374078	4.682541	5.154909	5.463525	4.983825	5.872963	5.069629
4.772649	8.72446	7.15358	7.103857	6.903092	4.397906	5.416585	7.56489	6.000781	6.920337
3.313554	4.196225	5.383013	4.872963	5.688725	3.308879	5.362053	5.878817	4.878862	4.459777
4.945271	3.272738	3.580049	3.840241	3.373179	4.142637	4.223965	3.598254	3.865298	3.66012
6.451234	5.745181	6.952765	7.780236	5.918413	5.500524	5.62828	7.233032	7.038681	6.713745
2.352737	1.933278	3.06046	2.291205	2.892577	2.052382	2.65945	3.234379	1.974431	2.790952
2.41684	2.81088	2.847798	2.793874	2.68622	4.000683	3.174736	2.780471	2.72727	3.022792
2.316433	2.654168	3.346841	3.193547	2.451057	4.261046	2.947256	2.890756	2.254315	2.946107
3.040187	3.959038	2.175048	2.732991	1.702032	4.527857	2.40272	2.860608	2.736011	2.39038
0.123803	0.381925	0.558377	0.740311	1.381712	2.182848	0.544681	0.565164	0.333143	0.768918
5.916446	5.148088	5.564956	5.480685	5.565282	5.176208	5.906362	5.287083	5.732188	5.196799
4.41353	4.517831	4.811235	4.807142	4.798417	4.127383	4.906111	4.968026	4.935635	5.432978
5.216653	5.166327	5.916862	5.473482	5.756102	5.469767	5.901254	5.838954	5.118663	5.948562
0.080831	0.430564	0.025785	0.473506	0.115899	8.010243	0.411575	0.141408	0.025785	0.520405
0.654274	3.445203	2.092793	2.549181	1.797805	1.828599	2.730197	2.357797	2.081381	2.063225
4.278595	4.205744	3.826213	4.045225	3.416528	3.713748	4.225518	3.41274	4.566672	3.523494
2.441798	4.141617	2.969626	4.164839	2.494059	5.858317	5.710438	5.394906	4.580519	5.300209
1.672842	1.675696	1.960872	1.898652	2.059951	2.857086	2.391804	1.822984	1.822984	2.062016
2.963269	2.664334	3.657293	3.022601	3.783633	2.734843	3.087238	4.021049	3.341615	3.695429
6.941947	6.346178	6.79698	6.974054	6.834605	6.272278	6.894922	6.678565	6.588285	7.082624

2.591531	2.334426	3.195779	2.967772	3.385515	3.048361	3.292374	2.997216	2.13331	3.296846
0.330079	0.628821	0.445112	0.641187	0.388605	0.61636	1.225615	0.61636	0.402915	0.859984
4.388596	4.137238	5.151796	4.912286	5.097169	4.879435	5.012113	4.996698	4.766525	5.072773
3.301755	2.783216	3.75049	3.630835	4.296541	3.867165	4.082374	4.214088	2.932527	4.198525
0.829998	0.853837	6.461876	4.724102	6.56896	3.307057	2.03528	5.734104	3.579349	5.542161
2.454758	2.089888	1.800249	2.32414	1.890107	3.354821	2.592166	1.948303	2.498227	2.240839
0.014424	0.014424	0.667015	0.241568	0.216623	3.289629	0.703413	0.278196	0.152313	0.459276
6.11898	5.232492	5.53528	6.116652	5.295035	5.887943	6.581622	4.838848	6.169888	5.562745
3.842981	5.686999	3.751179	5.288683	3.671227	6.576748	3.534716	4.144366	4.173853	5.397202
6.60084	6.342588	6.215141	6.376387	6.265793	7.215003	6.332702	6.563654	6.311729	6.310438
6.6368	5.642421	5.335319	5.511614	5.608913	6.496733	5.123912	5.68162	5.515929	5.515355
4.225864	4.304247	3.679711	4.114916	3.337736	4.131704	3.478154	3.317916	3.816954	3.839936
3.207032	2.829476	3.238584	2.836006	3.358753	3.415308	3.732674	3.704534	2.966454	3.392538
3.381874	3.433143	3.673354	3.533437	3.428229	3.090267	3.469424	3.3391	3.969065	3.481298
0.239754	0.272447	0.261642	0.898238	0.217485	0.878283	1.878059	0.250744	0.228668	0.858012
-0.04705	0.186065	2.921626	3.219821	2.538926	0.532747	0.036007	1.861599	1.182033	2.513558
2.259088	1.82977	1.978594	2.562475	1.370086	2.250206	2.079692	0.997781	2.151725	0.374879
0.051885	0.925655	1.617181	1.905224	0.489662	8.038208	1.755358	0.5623	0.695783	1.45855
7.740439	7.127251	6.147356	6.548075	6.116222	6.585969	6.342038	6.75669	6.777446	6.270783
4.259572	3.597227	3.588578	3.439653	3.318734	3.429614	3.881309	3.250821	4.004846	3.503282
3.586396	4.285247	5.2606	4.882413	5.001203	4.307705	4.326082	5.473684	4.467982	5.464709
3.851233	3.119988	4.090887	3.671738	3.800992	3.857714	4.7101	4.200829	3.826718	4.218837
3.280729	3.470562	4.046617	5.118759	3.200426	3.174793	4.395103	3.201439	4.678928	3.223517
3.914939	2.881531	3.86244	2.691332	4.682287	3.702333	3.746827	3.692664	2.65707	3.370082
3.72329	5.608398	6.067712	4.67522	5.64496	3.689613	5.444047	5.625663	5.185725	5.137561
4.918611	4.93478	4.795148	3.570184	5.244882	3.233653	2.711884	5.682634	3.463537	4.069469
2.747668	2.149534	2.564664	2.294791	2.562585	2.691887	2.967521	3.080243	2.341732	2.738863

CGGA_72	CGGA_73	CGGA_76	CGGA_78	CGGA_79	CGGA_80	CGGA_81	CGGA_82	CGGA_84	CGGA_85
0.768814	0.877197	0.430532	0.40953	1.145399	1.267079	0.847126	0.37739	0.114295	1.044544
1.331036	1.419374	1.641268	2.130495	1.425075	2.542859	2.938528	2.130495	1.936787	1.837759
6.154633	6.076326	5.963581	6.357784	6.279749	5.957269	5.084398	5.743587	6.033477	6.000678
4.640973	4.352702	4.63995	6.566345	6.407171	3.45629	5.10834	4.854473	4.529349	3.255892
0.658994	0.75371	1.302003	0.79856	0.807344	0.807344	1.05343	1.736282	0.762807	0.986733
7.224184	6.729791	6.675705	6.91281	7.480434	7.317338	7.062264	7.034735	7.248734	6.871325
6.058583	6.313403	5.804305	6.151156	6.374362	6.000786	6.791294	6.053893	6.364022	6.472555
1.858533	0.613561	2.31907	2.819991	1.711906	0.641651	0.380607	0.691266	1.72508	0.574891
0.322024	0.009871	0.009871	0.312106	0.095425	0.219163	0.009871	0.271639	0.229834	0.118842
5.777646	5.645191	5.21035	5.583355	6.02727	5.734374	5.365273	5.710313	5.541472	5.08275
4.766514	4.78706	4.60346	4.913817	5.263828	5.332098	5.032347	5.554849	4.820969	4.622221
3.035607	3.295205	3.652663	3.309179	3.446718	2.939416	3.35372	2.837938	2.996119	3.387166
2.544838	2.577884	1.841405	2.977211	2.80324	2.565976	3.143971	1.784067	2.763561	2.3072
3.864126	3.782013	3.538228	3.528647	3.662838	2.779983	3.542989	4.064575	3.60059	4.057623
4.915857	5.749789	4.835803	4.821775	4.688595	5.738237	6.132462	5.067575	4.009428	5.932403
3.378571	3.842672	2.736076	3.415874	3.644115	3.709066	4.256618	3.377345	3.036975	4.387383
0.736341	1.48913	1.087022	1.443913	0.882053	1.191793	3.140302	1.462967	1.201297	2.229534
8.733425	8.66886	8.086874	8.562858	8.478042	8.247477	8.308112	8.318142	9.102476	8.703252
4.077715	4.775932	4.32311	3.927454	4.843746	4.656592	4.891427	5.398945	3.031845	4.749307
3.545621	4.00393	4.037709	3.952889	4.252401	4.095309	4.22714	4.181903	3.501331	4.804054
3.263528	3.504713	3.011075	3.345462	3.422211	3.57229	3.365198	3.372988	2.723448	3.463855
2.857715	4.22562	3.63328	3.55986	3.587043	3.937238	3.152161	3.523422	2.630425	3.357576
3.157295	3.041788	2.913184	3.177728	3.09988	3.132725	2.933002	2.854593	3.148762	3.427903
0.47796	0.497181	-0.00964	0.295679	0.611719	0.639986	0.791048	0.672979	0.982771	0.516074
3.815974	3.634117	3.742104	3.951627	4.000201	3.189854	3.649233	3.712556	3.902573	3.750119
2.593572	3.861095	2.579932	2.574432	3.034813	3.504609	3.688643	2.731692	2.159715	4.085759
0.78524	1.016333	0.749649	0.912277	1.090661	1.112706	0.404804	1.995992	1.66576	0.778199
4.354476	5.058798	5.014406	5.047307	5.290601	5.361832	5.157386	5.611625	4.105496	5.168358
3.110103	2.115483	3.739802	3.779172	3.602003	2.080265	2.149617	2.084234	3.257044	2.922222
4.311594	4.160917	4.104227	4.213069	4.81347	4.376602	4.211774	4.167237	4.175756	3.974679
2.294955	2.600317	2.54429	2.893386	1.630443	3.606007	5.197709	3.474706	3.512057	3.406039
5.014474	5.552927	5.525756	5.531682	5.336336	5.343648	6.127249	4.925177	4.81883	4.937686
4.994794	5.591642	5.087668	4.841349	4.640641	5.229186	5.550562	6.261807	4.154203	5.556316
2.815479	2.758471	2.649593	2.795421	3.8884	2.914811	4.859412	3.598143	2.375233	3.575836
3.841857	2.536818	3.393239	3.467969	3.19816	1.975893	6.013259	2.332425	3.730466	2.11316
1.894592	2.309316	2.377903	2.061239	2.146331	2.370753	2.972563	2.326863	1.786796	3.004113
5.89346	5.329725	5.535425	5.736829	5.656904	5.620375	5.28971	5.652107	5.956063	5.073415
3.966819	4.007688	4.540536	4.28297	4.541769	4.072437	5.389127	4.354296	4.303298	4.096781
5.348787	4.535675	5.152069	5.456971	5.225015	5.228926	4.665216	5.295846	5.883721	5.198288
0.018737	0.093216	0.297053	0.033927	0.078608	0.033927	0.078608	0.3836	0.033927	0.322286
0.70575	0.201663	0.211421	0.76223	0.120595	0.798454	4.621445	0.357593	0.399834	0.911837
3.078849	2.385437	3.215499	3.215499	3.1951	2.391286	2.968133	2.592268	3.023529	1.820381
2.861027	2.195703	2.199808	2.987183	1.75419	3.491459	2.64492	2.906849	4.400094	3.65993
1.357031	1.731788	1.06577	0.941751	1.27082	1.207989	0.789826	1.383127	0.254535	2.294796
2.164173	0.868063	2.411532	2.558702	1.612048	0.855992	2.593951	0.351945	1.831589	0.977111

10.70703	10.68042	10.59376	10.28817	9.75446	10.70647	12.39049	10.93861	12.12834	11.53975
6.432925	6.812896	7.338474	6.999255	6.880504	5.975022	3.119977	6.572551	5.875253	5.140736
5.066863	4.365221	3.941092	4.853431	4.479998	4.114985	3.686821	3.969582	4.760288	3.603323
0.663276	0.949901	0.20795	1.248705	1.39656	0.494932	1.369828	1.412956	0.297531	1.43871
0.794417	1.423269	1.844304	1.107167	0.714932	0.620091	0.459307	0.851349	0.823157	0.694375
0.813605	1.001744	0.391385	0.767599	1.125236	0.598601	0.291301	0.793396	0.535937	0.420428
1.927541	2.287317	1.878842	1.946412	2.639719	2.382356	2.898663	2.803094	1.694213	2.576276
5.071792	5.005948	4.572299	5.04265	4.798783	4.623065	4.422616	4.872937	4.758899	4.815179
4.649174	4.897367	4.228811	4.523073	4.442422	4.53961	4.37983	4.810983	4.838953	4.596707
0.088396	0.029448	0.029448	0.480495	0.145118	0.40047	1.705466	0.376801	0.213137	0.315944
0.458231	1.233933	-0.0582	1.943781	1.34681	0.919122	2.464586	2.081787	0.687457	2.58198
7.741517	7.750821	7.08724	7.588524	5.939185	8.411809	7.605352	8.083938	8.200555	8.017492
9.005481	9.125827	8.607715	8.72358	8.920338	8.997541	8.714284	8.885226	8.688617	9.179031
4.752499	3.672931	4.088996	4.981554	4.705286	4.219343	4.259233	4.538128	4.572014	4.273844
0.938149	2.994629	1.962676	1.507509	1.740313	1.35292	5.407292	1.795049	1.432662	2.033868
6.247925	5.501472	5.495658	5.628219	5.484019	5.101814	5.418054	5.367334	6.355345	5.061333
1.181674	1.172597	0.712992	1.677231	1.151139	0.872834	1.985021	1.576544	2.614696	1.597813
3.279113	3.288702	4.06594	3.41543	3.883632	3.348952	4.3607	3.573675	3.134604	3.954326
1.744621	0.881824	1.806049	1.569811	1.015656	1.395603	-0.08196	0.61648	2.138721	0.335137
9.968805	8.62953	8.674686	9.092861	8.121486	8.900135	7.882332	8.609085	9.554072	8.969728
2.679301	3.115555	3.755684	3.088807	3.243704	3.128102	3.65489	3.162652	2.581253	3.676261
3.47162	3.902389	3.795565	3.621719	3.885835	4.089318	4.521291	4.455722	3.473738	4.459223
0.581342	0.62238	0.782189	0.705299	1.914495	1.207893	0.392016	2.273404	0.715879	0.544854
5.535097	5.703246	5.339427	5.596913	5.640719	5.573768	5.148604	5.671426	5.392099	5.73434
3.907153	3.377799	4.645247	4.550011	3.989216	3.501808	3.390655	3.133066	3.867927	3.811719
1.492885	2.415256	1.633919	2.126975	1.117457	2.71677	4.074679	2.486743	2.939446	3.602728
3.342892	2.845469	2.39069	3.411396	3.119698	3.29007	2.210891	3.056739	3.153795	3.118944
5.717713	4.582819	6.267402	6.402617	5.687854	4.299287	3.990157	4.188411	5.802786	4.19857
6.43392	4.095568	5.802063	6.283234	5.38207	4.579515	4.618706	4.397254	6.976091	4.632482
4.862709	5.814786	6.207018	4.729213	2.504463	2.509516	1.416662	5.857416	6.374774	5.588606
3.228303	3.340042	2.060755	3.232025	2.396271	3.548027	3.094806	2.659791	3.556924	2.969022
2.194512	3.034803	2.557531	2.891664	2.54205	3.026464	3.943861	3.020173	2.263053	4.170175
2.333682	2.707371	2.776597	2.475796	3.021614	2.696845	3.429507	2.986122	2.087179	3.369175
3.432103	3.259274	4.105146	3.92168	3.780717	3.40017	3.787985	3.018694	3.031858	3.990408
2.456092	2.777427	2.576745	2.769709	2.897251	2.381262	3.328147	1.986675	1.88259	2.559313
3.773318	4.030969	3.628715	4.219452	4.467257	4.242356	4.517422	4.584452	4.415126	3.827596
8.256421	7.67272	7.537799	7.710803	7.829176	7.87638	8.134915	7.601418	8.236191	7.237581
1.036238	0.952957	1.359192	1.409808	0.967233	1.139204	0.86365	1.175705	0.672006	1.359192
5.757459	5.344358	4.907707	5.225486	5.408409	5.541153	5.009276	5.230577	5.992233	5.049776
0.815413	0.715242	0.933872	1.799466	1.048271	1.071131	1.421884	1.065453	1.313513	0.773418
3.084028	3.721441	3.286894	3.452732	3.426044	3.494292	3.818045	3.586783	3.400173	4.062623
3.048073	3.178175	1.369807	3.395111	4.3275	3.890419	0.619097	5.353601	2.844727	5.262266
1.501114	1.851228	2.282936	1.943896	2.352139	2.280634	3.368735	2.437799	1.398041	2.683989
2.978186	3.16184	2.787466	2.861124	3.513475	3.058774	3.457211	3.02977	3.267912	2.867484
5.675027	6.461745	3.508256	4.5169	6.605895	3.954839	6.679664	4.628817	4.609482	5.571721
0.051625	0.715978	0.475065	0.380777	0.051625	0.051625	1.657706	0.267836	0.806447	0.698871
3.418475	3.177404	2.593779	3.113419	2.203217	4.158089	4.173449	3.787475	4.703157	3.476568

1.343246	0.274847	0.915558	1.856658	0.446598	1.485739	1.90734	0.995092	1.940272	1.90734
3.230309	4.326048	2.930346	3.607759	3.263671	4.529824	8.706308	4.449721	4.799254	4.566371
2.012482	1.71235	1.148714	2.719806	2.187313	2.77277	1.387234	2.589376	2.292918	1.6774
3.777563	3.418673	4.349268	4.27092	4.538058	4.01967	3.951822	3.611083	3.559094	3.229877
3.03529	2.87875	3.625537	3.780373	2.716566	3.723299	4.24872	3.661134	3.602908	3.536123
5.658895	7.243647	6.092246	5.496681	6.722202	6.633324	7.165271	6.794851	5.418641	6.488999
2.441803	2.927101	3.06755	3.449092	2.630512	4.089415	5.727889	3.667536	3.890858	3.3349
7.807903	7.448269	5.993096	5.915989	6.217076	7.756707	6.258366	6.323975	4.558052	7.006176
2.063786	3.205275	2.39626	2.057883	4.840132	1.442554	5.280193	2.797742	3.655576	3.414469
1.761934	2.007449	1.775989	2.23326	2.126284	2.961604	1.921575	2.491341	2.03887	2.246851
3.098948	3.710717	3.088686	3.160531	3.333658	3.338604	5.08705	3.642905	3.310285	4.368934
0.103917	0.072671	0.072671	0.208648	0.149655	0.251488	0.119311	0.072671	0.449807	0.119311
9.088195	8.433466	8.748825	8.823682	8.243801	8.537432	7.898837	8.652208	8.89191	8.499918
4.815341	4.689722	4.896911	4.908811	4.739771	4.686506	5.155832	4.680446	4.652628	5.105751
2.897144	3.167082	2.327175	3.168482	2.88133	3.530302	5.436519	3.374	2.724966	3.887822
0.741915	1.179616	0.512011	1.071078	0.407961	0.724885	2.997447	0.870996	0.716289	1.441242
4.612292	4.958226	4.619139	4.566414	4.426152	4.479311	5.177539	4.492581	4.273659	4.277883
1.130054	1.904428	1.173375	2.693691	2.35259	1.677964	5.323984	1.887222	1.687941	4.96845
2.771411	2.739759	3.144365	3.336765	3.254846	2.845974	3.144365	2.945474	3.017738	2.775145
2.838643	3.186908	2.953928	3.032418	2.974905	2.915759	4.117646	3.140166	2.654295	3.65228
0.291656	0.035854	0.338766	0.709906	0.603337	0.232593	0.170499	0.159833	0.329489	0.047664
0.062618	0.040664	0.105275	0.11569	0.040664	0.176225	1.759814	0.365525	0.029523	0.073436
2.96093	3.108204	2.606553	3.372005	2.003317	3.833705	2.232914	3.022897	1.829218	4.609326
4.567917	4.15164	2.813211	2.752098	3.42347	4.793231	1.210472	3.176962	2.906629	3.151825
3.003728	3.38986	3.227407	2.582431	2.433939	3.861936	4.538527	2.571569	2.271706	3.749296
2.725669	3.070943	2.878608	2.775816	3.260944	3.127692	3.055902	3.15153	2.685947	3.084305
4.018565	4.254872	3.771897	4.400101	4.203017	4.279003	4.572852	4.223727	4.107793	4.223142
7.391731	7.39738	6.65901	7.101499	7.023745	7.368068	6.10302	7.120763	7.420872	7.210448
0.083243	0.057751	0.168791	0.070559	0.083243	0.01857	0.044819	0.120584	0.01857	0.24915
1.494476	0.606492	0.924265	0.726074	1.039151	1.153972	2.24801	0.553735	0.705783	1.707983
1.999295	3.750504	3.403755	2.894377	3.900363	3.001823	2.984833	3.475394	2.211024	3.518264
7.749475	7.277957	7.44864	8.041961	7.062456	6.995916	5.80471	7.988614	8.138616	7.05328
0.112614	0.067027	0.139	0.31373	0.019258	0.112614	0.057655	0.057655	0.028997	0.306417
0.43554	0.802532	1.100789	0.674601	0.401156	0.215465	5.064403	0.412711	2.187529	0.554918
3.71951	4.334363	4.489087	3.816638	4.208424	4.323367	4.451437	4.316841	3.749876	5.097612
6.261511	5.893327	6.194417	6.228041	5.825343	5.718561	5.128109	5.866068	6.235281	5.322935
5.545819	4.865083	5.424283	5.469078	5.019738	5.164348	5.054411	4.911816	5.350787	4.898746
4.475374	5.244831	4.856754	4.456269	4.225793	4.423826	4.461513	4.342909	4.22255	5.112776
3.607856	4.492114	3.938634	3.791348	4.34048	3.948441	5.273221	4.118266	3.336265	4.836751
0.478506	2.011064	1.011189	0.734128	0.875316	1.319116	2.429291	1.116133	0.871292	1.004063
4.201959	5.057732	5.673513	5.466328	3.837188	4.145946	8.272429	5.677791	6.578293	6.073885
0.097321	0.004922	0.067398	0.087439	0.015591	0.015591	0.046974	0.015591	0.116817	0.015591
5.658665	5.516651	5.855044	6.016451	6.022439	6.045387	7.780067	6.458495	6.064595	6.505128
4.422401	4.262554	4.34905	4.338796	4.60159	4.073478	4.357231	4.258517	4.212627	4.701929
4.148382	4.982688	4.506945	4.347929	4.61952	4.686234	6.17207	4.734157	4.136756	5.652474
2.350456	2.806095	2.960111	3.027577	3.236684	2.802468	2.680873	2.88691	2.351885	3.083936
5.443407	4.789245	4.472619	5.177206	6.01006	4.933724	4.927622	5.979552	5.636944	7.40852

2.556068	1.95827	1.128714	1.634055	3.702417	1.483666	3.693512	3.194211	1.140687	2.756653
0.828783	0.025018	0.882648	1.116199	0.373625	0.679151	0.025018	0.328234	0.492355	0.03684
3.528526	4.388049	2.672388	3.055286	4.431008	3.9628	5.193149	5.163182	2.556185	4.692087
0.232732	0.232732	0.293357	0.352806	0.816312	0.232732	0.263195	0.232732	0.411121	0.439868
0.456183	0.218949	0.631995	0.729581	0.156075	0.156075	0.476832	0.130121	0.168875	0.156075
6.963445	6.485224	5.866161	6.739507	6.59015	6.472339	5.739748	6.107077	6.398272	7.186857
3.671299	4.393139	4.6926	3.378123	3.728158	5.060302	3.562764	3.848506	3.725512	4.743549
2.677181	2.099785	2.898328	3.4479	2.823915	2.668684	2.848455	2.267239	2.483892	3.631579
1.377995	0.955389	1.544725	1.729476	1.580765	2.316163	1.867161	1.452852	1.756414	1.395651
6.868679	6.779905	6.200307	6.849058	6.797692	6.755184	8.709626	6.89706	7.084331	7.026225
0.036611	0.000439	0.141019	0.271548	0.141019	0.036611	0.000439	0.072081	0.000439	0.054432
1.131154	1.753185	1.046277	1.658353	1.13931	1.802453	4.496971	1.802453	2.144265	2.938728
2.599446	2.891712	1.834039	2.303227	2.783079	2.925915	3.581635	3.01412	2.169981	3.381646
6.142169	6.857025	5.992781	6.527416	5.898859	6.445659	5.594718	6.197826	6.601134	6.677472
0.522957	0.279925	0.774886	1.151611	0.577327	0.475876	1.660856	0.114356	0.586176	0.728193
0.078962	0.18406	0.054384	0.078962	0.126742	0.016609	0.843593	0.260218	0.078962	0.371416
4.205343	4.608586	3.374411	4.04612	4.151003	4.669031	4.607751	4.854171	3.562905	4.524534
6.28908	5.956694	6.692383	6.972871	6.38012	5.723662	5.477988	6.237589	6.098442	5.36965
0.034942	0.059014	0.059014	0.070877	0.094268	0.082628	0.172826	0.745928	0.082628	0.082628
10.06408	9.280133	8.616507	9.407706	10.14524	10.18771	9.673794	10.23492	10.06145	9.282656
4.454555	4.744636	4.264359	4.101718	5.472335	4.925337	5.267132	5.075534	4.269707	4.39435
0.773063	3.258883	0.923494	0.806116	0.097018	0.641595	5.825402	1.290574	1.718423	1.368958
7.288617	7.361153	6.371783	7.598784	7.186064	7.257855	7.868988	6.641875	7.597521	8.401982
3.488714	3.686286	3.27042	3.880616	4.078047	4.106927	3.256508	3.606518	2.714334	3.763143
3.224186	3.370229	3.550923	3.586025	3.165913	3.839581	3.262059	3.966814	3.137302	3.903339
0.729683	1.384333	1.223688	1.471538	1.105469	1.401628	2.252571	1.42541	1.484383	1.958497
0.022485	0.006351	0.038463	0.038463	0.161015	0.329334	2.050021	-0.00994	0.288833	0.038463
0.949097	0.41359	1.51063	1.537883	1.35414	0.849488	0.941047	1.042443	0.875023	0.524483
4.772601	5.140242	4.456404	5.297397	4.695184	5.53535	5.016556	6.020037	4.828981	5.753275
2.114943	3.871349	3.20899	2.648527	3.652461	2.983476	7.987239	4.549124	1.658941	4.06709
2.118315	2.144705	0.671843	2.219977	1.595293	2.190989	2.712248	2.865508	1.603415	2.304288
6.24213	5.022418	6.057521	6.217538	5.959894	5.889526	6.311669	5.496269	6.770906	6.042876
0.79844	2.996373	0.275624	0.468508	0.108165	0.174926	2.048045	1.372107	1.03789	0.530785
5.410838	6.098719	6.156589	5.186565	5.208995	4.426543	5.794951	5.653411	4.800503	4.81086
1.928238	1.377287	0.881033	1.574129	1.873456	2.142441	3.973363	1.827048	2.574084	0.960208
3.51162	3.146952	3.313692	3.464452	3.559766	3.463157	3.46186	3.460562	3.65806	3.201418
0.645497	1.611918	0.687098	1.463883	1.474574	1.257473	1.431229	2.693589	1.420145	2.29645
1.84242	0.557923	0.119139	0.565712	0.784988	0.771992	2.508442	0.477108	0.257451	0.565712
5.303153	4.583212	3.889747	4.505165	4.945316	5.198651	4.678395	4.251733	4.122429	4.037509
5.596053	6.653421	6.504681	5.755222	5.114104	5.406347	5.660483	6.170495	6.53493	6.800345
0.855326	0.48498	0.51391	0.708262	0.623538	1.039057	1.6992	0.74065	1.656734	1.0327
4.298963	4.858122	6.0096	5.364326	6.25236	3.939896	8.890458	5.233612	6.956081	6.40914
6.700143	7.27052	6.353573	6.881987	5.921594	7.523278	6.443821	7.582959	6.428064	7.034108
0.655896	0.486028	1.010865	0.722319	1.120823	0.601739	0.021971	0.046592	0.34922	0.249152
2.878931	2.789508	3.035441	2.818539	2.324345	2.708134	3.077006	2.485444	2.832773	2.974151
2.399937	2.368388	2.195115	2.272138	1.780157	2.485043	6.269973	2.262749	3.441352	3.367786
2.522269	3.238047	3.151878	3.169616	2.315382	2.815924	3.871336	2.97109	3.107378	3.742251

3.774914	4.480239	3.684564	4.141821	3.165726	4.595558	3.007666	3.729188	2.750985	4.190085
2.895438	1.271816	1.314691	3.376169	1.121933	3.220292	5.735938	1.950105	2.741191	1.391494
2.462662	3.740978	3.040864	3.208154	1.789128	3.323613	2.349855	2.277987	1.719644	3.847636
3.038997	3.473233	3.349503	3.270929	3.225866	3.721485	4.009202	4.297384	3.106247	4.248863
10.2234	9.845305	9.704234	9.510732	9.292332	9.531299	10.51274	9.869027	11.01427	9.725977
4.667365	4.602151	3.95181	4.608549	4.825477	5.535292	5.141331	4.751407	3.760917	6.293265
2.486179	4.368484	3.513961	3.109428	2.260284	4.356153	4.252339	3.733206	3.171112	4.695166
8.699338	8.744291	8.440202	7.263784	6.272598	8.753047	7.364307	7.558856	8.381834	7.91838
4.6417	3.408357	2.974662	3.811985	4.136502	4.276382	5.053217	4.228408	2.886393	3.318252
2.891419	2.941348	3.579733	3.047222	3.155149	3.185426	3.078105	2.864909	2.649712	2.982842
1.929999	0.855536	2.471175	3.003251	1.698847	0.975711	2.398962	1.091298	1.169926	0.633588
2.792384	2.969387	3.172821	3.129885	2.934862	2.755646	2.847122	2.952264	2.50638	3.190902
4.116206	4.42002	4.038399	4.214869	3.995212	3.998623	3.731576	4.335057	3.566149	4.228672
3.006936	3.278139	3.233442	3.16016	3.47329	3.274158	3.745955	3.548763	2.830474	3.193156
1.568138	2.128281	2.960538	1.926769	1.598846	2.074179	2.423756	2.091668	2.104001	2.606222
2.442043	3.556661	2.690965	2.813073	2.662891	2.99996	3.505842	3.528422	3.191428	4.400612
1.448804	1.504228	1.739147	1.825634	2.645312	1.881487	2.019287	1.970275	1.090912	2.035929
2.763487	3.047809	4.229773	3.368025	2.908796	2.803551	2.602021	3.092507	2.987378	3.756348
2.988148	4.168892	4.040768	2.455906	3.216586	5.354121	10.14709	2.849771	5.239063	3.928222
4.406739	4.07157	3.509823	3.763958	4.168792	4.574693	4.246408	4.195754	4.500844	4.115298
0.95985	1.407404	0.747725	1.830277	1.076095	1.171418	2.25159	1.698789	0.690931	1.823308
4.846565	4.72827	4.525694	4.849058	4.753583	4.995939	4.789571	4.867145	4.60622	5.098814
2.206342	2.931751	3.069838	2.763086	5.348904	1.846423	5.389701	3.845112	2.672833	4.898068
4.422531	5.098019	4.531473	4.554771	4.676097	4.741278	5.348216	5.115557	4.473747	5.20569
4.787576	4.892672	5.271841	4.654807	5.042787	4.675098	4.4383	5.042489	4.935936	4.770715
4.231255	4.701959	5.711269	4.586585	4.29118	4.476861	5.053311	4.62224	3.838688	4.701418
4.460174	5.65004	5.9603	4.946987	4.856009	4.534256	6.523047	5.796075	5.009727	4.89216
5.516795	5.079663	4.894928	5.255004	5.721064	5.435171	5.559692	5.120994	5.815555	4.876196
8.092189	8.297709	7.870866	6.974704	5.419383	6.726382	3.887887	7.513664	8.843953	7.209269
4.660613	4.908696	3.566208	4.286851	4.988357	5.077648	4.840053	3.839012	1.647157	5.917669
3.57246	3.272738	3.301216	3.872701	3.650057	3.857011	3.857011	3.980928	3.416899	4.308777
7.300865	5.441768	6.409805	6.465574	7.140625	7.732732	7.832436	6.656279	6.443522	7.689615
2.055797	2.347522	2.855356	2.237637	2.50777	2.337015	2.813412	2.205385	1.642546	2.547699
2.737309	2.963525	2.4455	2.958584	2.825789	3.199119	3.554086	2.663005	2.574421	3.166492
3.319404	2.946107	2.482038	3.080874	2.874981	2.938024	6.189489	3.238495	3.651258	4.016271
3.374639	2.579835	2.202404	3.095312	2.136605	3.167288	4.126759	2.877304	4.161122	2.91252
0.062155	0.123803	0.133759	1.88283	0.558377	0.389855	0.530817	0.15341	0.480906	0.219618
5.251971	5.164183	5.240142	5.374919	5.66753	5.362059	5.234514	5.450296	4.799965	4.967222
4.700053	5.14035	4.625422	4.72863	4.500309	5.171906	4.098034	5.33452	4.876145	5.020707
5.34045	5.84695	5.490033	5.257813	5.60529	5.62469	5.657269	5.239378	5.120404	5.740233
0.740298	0.025785	0.479491	0.166277	0.107247	0.107247	0.832204	0.016306	0.726443	0.107247
3.562824	2.776702	2.492618	2.460916	3.060888	3.784903	0.241534	1.546242	2.756463	1.488299
3.9388	3.385816	3.628459	3.878688	3.658686	4.043528	3.374713	3.829992	4.137208	3.296934
3.679337	4.068436	2.570092	4.186034	4.608183	4.409602	8.044989	5.546696	3.667292	6.743207
1.945049	1.728651	1.71218	2.470614	2.762082	2.05581	2.379205	2.275063	1.847919	1.641001
2.658699	3.432528	3.69007	3.026522	3.578617	2.760691	3.162855	3.237389	2.497577	3.806614
6.594077	7.095491	6.241793	6.549623	6.700457	7.052146	6.585875	7.164886	6.240062	7.136189

2.443727	2.734547	3.061253	2.418181	3.606082	2.744277	3.440558	2.852754	2.217313	3.020232
0.526378	0.701657	0.677736	0.782732	0.472651	0.736896	0.849169	0.445112	0.374168	0.870729
4.622341	4.706256	5.291433	5.036467	4.863654	4.414358	4.871839	4.740456	4.531782	4.73745
2.951874	4.024526	3.830936	3.360478	3.704706	3.580356	4.395312	3.845228	2.860601	4.698664
4.308739	2.168333	6.926869	5.113958	3.870671	1.43559	0.60394	1.118099	4.6377	1.510781
1.713395	2.39418	1.19986	2.112323	1.825732	2.582275	2.770056	2.482113	1.615847	3.1863
0.165406	0.112308	0.216623	0.348783	0.112308	0.071166	3.207643	0.071166	0.178381	0.139101
5.312876	5.162079	5.1584	5.522949	5.092432	5.972596	6.487164	6.638921	5.140157	5.759934
5.020206	4.690186	4.147805	5.535742	3.659279	4.198985	6.390639	5.154114	7.20586	6.450422
6.366291	6.265408	5.824051	6.381228	6.573326	6.560458	7.272474	6.459631	6.193106	6.879955
5.570259	6.479462	5.710847	5.238407	6.590168	5.537817	6.174949	5.563682	5.166189	5.634462
4.095843	3.271158	3.944481	4.052842	3.257621	3.993284	3.802866	3.65264	5.008811	3.562536
2.584761	3.346802	3.07215	2.897125	2.8251	3.210078	3.584845	3.289158	2.669425	3.466596
3.456237	3.253347	3.725388	3.513984	3.575904	3.605264	3.090267	3.388235	3.124858	3.079066
0.217485	0.228668	0.345635	0.194822	0.325147	1.914386	0.293788	0.627283	0.516612	1.132787
2.653891	-0.10218	2.947513	3.696956	0.939705	0.287031	-0.0152	-0.09094	2.407374	0.416428
0.374879	2.342116	0.148859	1.788872	0.890537	1.330137	3.507035	2.328153	0.253912	2.714762
2.075045	0.903629	0.787124	1.936172	2.287352	1.421288	6.451063	1.198422	1.80313	3.238314
6.92953	6.850317	5.591375	6.412155	6.930399	6.78832	6.722747	6.763927	5.889319	6.582021
3.665006	3.422021	3.588578	3.469214	3.584227	3.640481	3.573271	3.924897	3.577118	3.582591
4.785956	4.87871	5.093078	4.938294	4.813812	4.959199	4.865277	4.689222	4.365479	4.96848
3.250947	3.532196	4.030983	3.573127	3.929201	3.624335	4.439833	3.784741	3.112806	4.025499
3.357601	3.559436	2.760502	2.998197	3.867298	4.579648	3.027994	3.523165	3.154926	3.637118
2.507665	4.156218	3.844454	3.240302	3.416616	2.267175	4.669176	3.988723	2.338608	4.379968
5.527734	5.142955	4.557385	4.659712	4.760704	5.946597	4.339579	4.686438	3.468419	4.103902
4.666745	4.22617	4.447745	4.014621	5.108268	3.372953	4.067616	3.309372	2.821414	4.475053
2.127984	2.533051	2.958899	2.323719	2.807373	2.356938	3.028736	2.81564	1.888849	2.695573

CGGA_86	CGGA_86	CGGA_86	CGGA_86	CGGA_88	CGGA_88	CGGA_88	CGGA_88	CGGA_88	CGGA_88
0.471561	0.333283	0.37739	0.99108	1.59404	0.451205	0.913849	0.501519	0.744388	0.440909
1.94474	1.960515	1.883994	1.367024	1.858959	1.952649	1.275308	1.888125	0.363329	1.101021
5.468961	6.118719	5.471762	5.70924	5.480925	6.09523	5.844038	5.819505	5.423117	6.389691
2.436046	4.939259	4.286813	2.911492	4.014917	5.533664	6.131519	6.4334	1.83416	4.854716
1.031582	1.177212	1.06779	1.157397	0.940252	1.798237	1.10993	0.649125	2.016389	1.415685
6.815689	6.516422	6.945178	7.699864	7.094275	6.625552	6.838205	6.722394	7.174818	6.944598
6.269892	5.868446	6.139219	6.027526	5.617774	5.909885	5.854648	5.802347	5.240326	5.935923
1.161919	2.750664	0.901959	0.380607	1.288616	2.217993	1.519579	2.403557	1.127688	2.563996
0.009871	0.360934	0.435338	0.009871	0.219163	0.083552	0.059466	0.059466	0.164415	0.141834
5.074626	5.521203	5.293936	5.397777	4.899807	5.576561	5.816448	5.273415	5.863163	5.805284
4.780459	4.638553	4.435993	5.243108	5.221689	4.514761	4.696323	4.795597	4.83892	4.307191
3.47098	3.690876	3.960949	2.74318	3.084613	4.177317	3.197704	2.955171	4.041348	4.191633
2.410919	2.388466	1.726832	2.517082	2.580842	1.935385	1.904015	2.172443	1.342125	1.890689
4.36048	4.275524	3.390138	4.382431	3.158719	3.57776	3.422963	4.072777	3.654852	4.160562
5.603763	4.509121	4.990618	5.515581	7.123809	5.614317	5.433167	4.444983	5.557222	5.333548
3.588166	2.942055	3.360045	4.204517	4.904167	3.339926	3.537626	2.843991	3.870923	3.41232
1.927417	1.087022	1.660642	1.775941	2.695683	1.011539	1.076534	0.79817	1.474252	0.79817
8.087597	8.153388	8.328715	8.676303	8.404695	7.99511	8.442864	8.471644	8.160533	8.333709
4.14784	3.944225	3.847685	5.34149	5.97759	5.447469	4.584806	3.520217	6.453864	4.706571
4.42587	3.784211	4.706305	4.476251	4.935708	4.36419	4.093976	3.616691	5.102504	4.510334
3.311005	3.232828	3.142073	3.323299	3.484923	3.352413	3.559452	3.123653	3.586541	3.181462
3.827829	3.523422	3.519971	3.223016	2.522314	3.756667	2.938878	3.07781	4.05584	3.508683
2.649708	2.929977	3.014257	3.235573	3.05796	3.165758	3.137686	2.70205	3.288201	3.605682
0.699741	0.000365	0.272573	2.387032	1.351713	0.295679	0.534649	-0.05058	2.254127	-0.0402
3.517972	3.716379	4.011036	3.864072	3.578526	3.792757	3.822261	3.494247	4.007281	4.14711
4.032843	2.697396	3.123122	3.557583	4.491441	3.256085	2.171381	2.566134	4.9848	2.636196
1.77223	1.328794	1.748936	1.14509	0.46	0.683033	0.813031	0.468977	1.497981	0.563852
5.433631	4.957281	4.954565	6.377874	6.364993	4.980212	5.081633	4.885885	5.056105	4.557084
2.686732	4.097211	3.388613	2.710637	3.009005	4.534211	3.042068	3.943823	2.446091	5.051642
4.183766	4.132942	4.189072	4.461875	3.899582	4.173521	4.169037	3.846466	4.75979	3.936389
2.770616	1.927955	2.632804	3.599952	3.506631	2.373105	2.598123	2.272538	1.848026	1.32229
5.124915	5.474172	5.576083	4.988945	4.376304	5.68354	5.4067	5.36731	5.442415	5.990339
5.733902	4.920104	4.998136	6.012696	4.358103	5.234629	4.861832	4.833668	4.661431	5.160612
2.829328	2.436306	1.687884	3.208833	3.469536	2.766779	3.046921	2.378076	3.500693	2.799459
2.748261	4.022785	2.622429	2.421104	1.522702	3.968057	3.112965	3.442136	2.567102	4.013104
2.624078	1.720155	2.819131	2.438012	2.937221	2.336768	1.944808	1.782745	3.072307	2.064393
5.252643	5.857928	5.177799	5.579962	5.291692	5.672222	5.596351	5.52802	5.159808	5.795966
4.737053	4.269861	3.986405	4.311396	4.333066	4.216978	3.934255	4.167023	3.63938	3.897793
4.979649	5.067635	5.021555	5.017562	5.18617	5.049827	4.948648	5.246049	4.707711	5.379418
0.191735	0.150289	0.063859	0.048966	0.430937	0.107686	0.033927	0.093216	0.078608	0.191735
0.737457	0.161817	0.04485	1.724015	0.472298	0.357593	0.990331	0.391504	0.171903	0.181906
2.895932	3.381177	2.152071	2.427718	1.1286	3.310006	2.981603	3.240543	2.739275	3.282487
2.74188	2.322312	2.723642	4.212218	4.070282	2.253879	2.471282	2.224147	2.067643	1.077037
1.556858	0.958025	1.08035	1.22084	1.63309	1.401401	1.025937	1.212289	1.569409	1.216573
1.020247	2.467427	0.562344	0.457496	0.285847	2.56761	1.285625	1.621765	0.370187	2.71246

11.65823	10.6084	10.68869	11.71382	9.775054	10.17316	10.52354	10.59582	9.75629	10.13306
6.093923	7.359741	6.018634	5.185463	4.502359	7.266774	6.243397	6.577141	5.560933	7.738331
3.599746	4.544223	3.589659	4.252465	4.295521	4.194587	4.280179	4.230023	4.446246	4.934649
0.442999	0.974029	0.741927	2.008756	1.628936	1.061346	1.039005	0.364472	1.913954	0.925254
1.688892	1.473023	2.113357	0.447125	0.950357	1.69417	0.915116	1.404171	0.434843	1.601805
0.19003	0.762366	0.361552	1.49304	-0.01339	1.063236	0.69754	0.542367	1.358511	0.154082
1.895326	1.888762	2.32287	2.804482	2.883322	2.238766	2.634846	1.550429	2.842629	2.363598
4.586875	4.684086	4.661431	4.856426	3.909781	4.83602	4.876762	4.594314	4.677727	5.179364
4.785637	4.025337	5.116615	4.745677	4.509586	4.483847	4.835345	4.249041	4.6721	4.51779
0.315944	0.029448	0.088396	0.853255	0.213137	0.252518	0.252518	0.029448	0.102778	0.029448
1.897622	0.218794	-0.17056	1.40276	3.472498	0.499573	1.18104	2.061407	1.340055	-0.11308
7.901105	7.164754	7.765632	8.011699	7.525401	7.200855	8.512829	7.249838	5.101524	7.567724
8.663327	8.658689	9.121274	9.203102	8.837463	8.942746	9.1897	8.445693	9.136958	8.836169
3.30694	4.904384	3.575609	4.981731	3.636027	4.340621	4.36713	4.377736	3.608636	4.733694
2.40731	1.649006	1.724212	2.144955	2.942039	1.95934	1.163082	1.636008	2.362526	1.130557
5.47615	5.749356	5.13555	5.491922	5.122984	5.511117	5.631381	5.826175	4.947497	5.938129
1.935641	1.016822	0.791448	3.488117	2.312113	1.193668	1.76077	0.952572	-0.16785	0.876758
3.870119	4.093703	3.933429	3.616263	3.619735	4.507254	3.345571	3.849513	4.040877	4.367029
1.071812	1.786547	0.993837	0.154107	0.072455	1.614614	0.861306	1.627088	2.54847	2.196924
8.50254	9.139778	8.457726	8.233978	8.44825	8.327907	9.342181	9.613608	5.057576	9.194935
4.038231	2.962219	3.997151	3.181111	3.890021	3.512383	2.858307	2.677536	4.028933	3.190749
4.167042	3.57323	4.031069	4.565486	4.419202	4.221429	3.982481	3.370111	4.665796	3.846815
1.234019	1.19123	1.184491	1.320692	0.920998	0.950924	0.544854	0.863068	0.94246	0.772254
5.391212	5.359151	5.851181	5.605803	5.460124	5.562536	5.679483	5.216933	5.585231	5.972624
3.822941	4.551305	4.070648	3.360112	3.347848	4.762044	3.838953	3.971976	3.438027	4.923877
3.012879	1.768717	2.799574	3.217607	3.203944	2.052271	2.000575	1.649311	1.533905	1.96328
2.379848	3.006618	2.323842	3.110613	2.989635	2.58252	2.746095	2.721889	3.038129	2.89363
5.002892	6.09907	5.010643	4.083863	3.413579	6.113108	5.253814	5.65044	4.125523	6.444086
5.560742	6.64697	5.533522	4.255042	1.41747	5.468487	5.63602	6.269289	4.439242	5.866236
7.219079	3.268672	7.907909	4.913201	3.754325	5.775614	5.646418	5.209166	2.278269	4.586533
2.537627	2.794873	2.19865	3.101137	3.367337	2.11864	2.558119	2.905706	1.248955	2.687454
3.879245	2.350031	2.794389	3.376601	4.569954	2.860895	2.702378	2.251234	3.446675	2.602826
2.796021	2.627599	3.053437	2.612417	3.44944	3.057191	2.543277	2.10906	3.732711	3.068374
3.819698	4.143881	3.287954	3.322129	3.942072	4.397152	3.603989	3.275013	3.937185	4.037922
1.944702	2.619754	1.487752	2.003244	1.650211	2.684613	2.179293	2.291009	2.786846	2.812879
3.907924	3.747682	3.936177	4.307038	3.72012	3.337198	3.948621	3.903879	3.989553	2.962488
7.558369	7.688828	7.039307	7.929559	6.816236	7.645811	7.652577	7.643678	7.083587	7.766467
0.916527	1.888827	0.960115	1.139204	1.610747	1.875294	1.169696	1.015938	1.10159	2.081585
5.186721	4.79186	5.301101	5.643863	5.063058	4.996429	5.632257	4.932326	5.61078	4.981952
0.875982	1.240922	1.255765	0.214008	0.875982	0.523378	0.203056	2.06327	0.622823	0.780511
3.562806	3.413191	4.141292	3.54894	4.849139	3.863323	3.334075	2.990088	4.257598	3.725354
1.44687	1.144866	0.835577	2.233983	5.221404	1.669955	3.923104	1.671618	3.82635	1.563744
2.547345	2.00086	1.980195	2.787061	3.017047	2.035459	1.636487	1.532093	2.839678	2.00086
3.511535	2.675943	2.574025	3.33571	3.545912	2.929023	2.819272	2.835283	3.262366	2.440594
5.790043	3.556646	2.882588	5.273053	7.088598	4.448642	3.911346	4.955693	6.609185	3.634095
0.591509	0.219932	0.118815	0.637265	0.051625	0.412929	0.244093	0.600783	0.131868	0.207691
3.423399	2.777372	3.07904	4.178594	3.436715	2.399456	3.35235	2.542852	1.9395	1.978913

0.674429	0.50005	0.721007	3.147138	1.833616	1.610131	0.842632	1.397204	0.842632	0.274847
5.418204	2.932383	3.484762	6.26119	2.976375	3.133342	3.834016	2.938472	5.34467	2.411673
1.089247	2.372642	1.331666	2.69695	2.370563	1.545352	2.193459	2.159854	2.879347	1.663498
3.566167	4.745	3.25063	4.349268	4.03276	4.115602	3.676847	4.292502	3.982864	3.759912
3.557672	3.218836	3.165048	3.344627	3.560208	3.549514	3.259311	4.018583	2.868093	3.76085
6.54562	5.854687	7.139721	6.079644	6.907041	6.083669	6.840461	5.198516	6.666306	5.224663
4.109939	3.083857	3.540448	4.264652	4.130794	2.960768	2.622918	3.081298	1.321089	1.541546
6.899971	5.609083	5.865335	6.412241	5.874731	7.026659	6.615641	6.062597	6.27885	6.232843
3.052091	1.512499	3.123309	3.205275	2.203117	2.504928	2.259907	3.808281	1.539436	2.354756
1.882256	2.217955	1.961462	2.931117	2.882453	2.37138	1.812594	1.89691	2.211772	2.252836
3.940058	2.966726	4.568604	3.635387	4.180941	3.785637	3.674907	2.934011	3.7224	3.581274
0.103917	0.072671	0.072671	1.118302	0.072671	0.072671	0.103917	0.134556	0.265514	0.134556
8.703132	8.651536	8.825847	8.375928	7.846811	8.73932	8.533885	8.567103	8.196528	8.915601
4.726342	4.786741	5.030179	4.62955	4.33824	5.129509	4.953673	4.367849	4.179102	5.183219
2.951772	2.376243	2.971645	3.334344	2.760614	2.808462	3.616677	3.240452	3.161469	3.368073
0.617975	0.995939	0.831956	0.878671	1.071078	0.988898	0.608676	0.863276	0.429416	1.037436
4.407151	4.148194	4.775527	4.496291	4.489195	5.0435	4.639685	4.314694	5.080722	4.762562
3.108853	1.107894	1.426994	2.526322	4.424914	1.462324	1.895852	1.047073	0.56211	1.309013
3.022642	3.21173	3.163331	2.961166	3.178595	3.42536	2.903525	3.056336	3.097195	3.317068
3.267356	2.883149	3.378648	3.378648	3.856204	3.244108	3.099801	2.645594	3.867898	3.23041
0.070945	0.814105	0.149073	0.201944	0.047664	0.159833	0.301226	0.232593	0.093787	0.301226
0.11569	0.105275	0.156408	0.195697	0.062618	0.051695	0.051695	0.146367	0.08415	0.051695
3.104181	2.916972	2.805918	2.453538	2.497859	3.399071	3.779996	2.680606	2.232914	3.773109
3.094802	2.867656	2.800188	3.032781	1.40118	2.937389	3.340405	3.175047	3.584392	2.973063
3.814802	2.225579	3.621426	2.652707	3.3079	3.339219	2.656127	2.437957	2.838052	2.823035
2.94434	2.649131	3.625987	2.957685	4.037869	3.188346	2.985512	2.649131	3.853884	3.08135
4.102524	3.993867	4.345008	4.613086	4.472233	3.757133	4.347083	3.652434	4.625362	4.097227
6.771265	6.918553	7.194598	6.570722	6.707078	6.910678	7.515602	6.825057	6.205454	7.37505
0.144907	0.215305	0.01857	0.108254	0.203829	0.237964	0.192252	0.132801	0.03176	0.083243
1.018063	0.50668	0.449454	0.889411	1.34806	0.746043	0.606492	0.963741	0.169484	0.991196
3.722957	2.610333	4.429379	2.949991	3.000886	3.477167	2.982928	2.636006	4.29206	3.070623
7.313821	8.065513	8.046991	7.82655	6.655682	7.696694	7.966789	7.356901	6.712949	8.010386
0.121487	0.164705	0.019258	0.048193	0.284152	0.197981	0.057655	0.15621	0.094629	0.057655
0.911787	0.665005	0.935846	0.73085	0.606021	2.085412	0.389507	2.84537	0.73085	1.216258
5.09369	3.859836	5.311634	4.214965	4.407546	4.731067	4.015279	3.623793	5.19457	4.747837
5.956515	6.723102	5.558407	5.505151	5.324891	6.256626	5.96449	6.093032	5.359141	6.037649
4.961816	5.793543	4.694201	5.435021	5.367222	5.850655	5.306051	5.852709	5.326008	5.565906
5.228835	4.481812	5.039027	4.040634	4.172182	5.064835	4.229025	4.517604	4.632788	4.675268
4.212422	3.940149	3.863155	4.455683	4.775602	4.565842	4.275997	3.404839	5.281644	4.350168
1.27246	0.608594	0.449363	1.593695	1.501967	1.063215	0.682747	1.740652	1.626728	0.724962
6.646522	4.605811	5.556995	6.490244	4.892711	5.189526	4.34576	6.629121	4.358702	4.914773
0.015591	0.087439	0.057235	0.004922	0.154774	0.154774	0.036615	0.026154	0.004922	0.067398
6.521685	6.012443	5.55819	6.557638	6.576257	6.17211	5.667906	7.024237	4.632215	5.873187
4.410246	4.301726	4.345644	4.560842	4.697992	4.568995	4.230093	4.13589	4.688873	4.585985
5.520674	4.099576	4.934437	4.888536	5.633919	4.731251	4.395861	4.171256	5.0238	4.317595
2.943689	2.794257	3.53333	2.815106	3.237271	3.021761	2.420834	2.61072	3.421712	2.847755
4.687031	4.639086	5.039873	4.976799	5.337744	4.44666	4.875048	4.880336	4.292369	5.019734

1.17014	1.910162	0.662282	1.53286	1.913426	1.705027	1.727837	0.941213	2.249798	1.62592
0.241985	1.036382	0.309591	0.071631	0.001022	0.972869	0.840962	0.508405	0.001022	0.847005
4.602687	2.6416	2.950007	5.11019	5.545608	3.89783	4.038985	2.358821	4.97632	3.122623
0.232732	0.323226	0.232732	0.232732	0.232732	0.232732	0.382102	0.293357	0.323226	0.232732
0.546819	0.359339	0.231195	0.218949	0.143157	0.55654	0.181561	0.53703	0.035338	0.83685
6.02663	6.534823	5.052537	6.025879	6.794007	6.173526	6.248157	6.082136	5.358012	6.24356
5.092199	3.266905	5.457213	3.852468	4.366548	4.3706	4.372117	3.579907	4.674069	3.92751
2.209156	3.136485	2.310883	2.33971	4.064817	3.240884	2.595296	2.8301	2.423817	3.201512
1.842419	1.407293	1.152311	1.821439	0.611906	1.620781	1.187021	1.109414	1.683317	1.875306
7.131002	7.01282	6.256312	7.67097	6.991074	6.582547	6.659118	7.262306	6.843255	7.141787
0.174536	0.141019	0.287227	0.036611	0.207449	0.072081	0.036611	0.106875	0.036611	0.207449
1.867227	1.175323	1.454216	2.51487	3.514344	1.353928	1.779252	1.175323	1.926519	1.028531
2.712894	2.403728	2.449547	3.306882	3.342022	2.245044	2.651756	2.162339	3.063832	2.307268
6.433097	6.029902	6.197989	6.386639	6.012855	5.885238	5.846015	6.545742	5.594146	6.166522
0.504325	0.290995	0.594965	0.187865	3.20974	0.679791	0.376368	0.312861	0.268762	0.704213
0.066732	0.1728	0.066732	1.19271	0.500243	0.249612	0.228133	0.091075	0.568418	0.270736
4.425152	3.739477	3.937848	5.140636	4.544613	4.367976	4.933569	3.301331	5.517531	4.287719
5.745221	7.072724	5.822417	5.958883	5.933191	6.969703	6.2445	6.461075	5.425784	7.227221
0.246701	0.246701	0.139766	0.022728	0.205027	0.034942	0.070877	0.034942	0.246701	0.047036
8.71	9.002436	8.924413	10.00821	9.073907	8.980566	10.13553	9.082509	9.690808	9.090092
4.732564	4.083331	4.348603	4.813125	4.724751	4.268251	4.375678	4.116422	5.012701	3.758206
1.195214	0.830399	1.79659	1.099443	0.989434	2.199929	0.747747	2.322954	0.516626	1.038638
6.855735	6.418846	5.750206	7.157935	7.446642	5.967745	6.441943	7.045282	5.840289	6.133323
3.157205	3.897813	2.420127	3.979302	3.813999	3.739505	3.877023	3.477406	3.887172	3.614233
3.529304	3.820569	3.517924	3.829196	3.875462	3.860656	3.732321	3.422316	3.525254	3.913611
1.316117	1.203455	0.932948	1.850173	2.033989	1.003165	0.978579	1.027233	1.003165	0.666157
0.100874	0.131218	0.275109	0.038463	0.190285	0.038463	0.204728	0.917835	0.022485	0.175715
0.714779	1.239832	0.667016	1.335689	4.425781	1.505119	0.545702	1.748986	1.213189	1.748986
5.004926	4.677498	5.01527	5.707473	5.945288	4.781253	5.622275	4.639536	5.179293	5.276178
3.82829	2.671845	3.304907	5.019271	5.64416	3.798164	3.456072	3.926619	5.166122	3.654189
1.617473	1.650821	0.826986	2.867248	2.944208	0.711697	1.739445	1.069901	0.457581	0.358693
5.727363	6.061485	6.159656	5.946054	6.797397	6.011402	5.970172	6.503784	5.8134	6.246332
2.924672	0.174926	1.052037	1.03789	0.238693	1.728166	0.369659	0.540904	0.499987	0.806828
5.943817	5.813237	5.298363	5.03918	6.101747	5.892153	5.013728	6.086531	6.197616	5.924702
0.744659	1.289567	1.08055	0.838936	1.15996	0.529296	1.023831	1.818371	1.272059	0.63565
3.322703	3.512853	3.004226	3.514904	3.356977	3.22426	3.249273	3.14576	3.226461	3.330149
1.295107	0.981903	1.108467	2.754044	1.991747	0.80393	1.290983	0.766229	2.267381	0.67339
0.518198	0.237187	0.152507	0.542191	0.408278	0.257451	0.277379	0.096365	0.986705	0.257451
4.52015	3.893015	3.662168	4.601192	3.704276	4.640491	4.980321	4.233853	5.218462	4.822773
6.985045	4.979424	7.653757	5.864889	6.128778	6.22786	6.147083	5.773407	5.949487	5.750569
0.919528	0.523411	0.93337	1.765801	0.455385	0.504339	0.700036	0.414835	0.425093	0.414835
5.823708	4.824144	6.096637	6.151409	5.766257	6.116762	5.071179	7.321097	4.770457	5.410414
6.820252	5.962641	7.194465	6.35339	6.066213	6.713896	6.848092	6.320114	6.593239	6.827913
0.117733	0.655896	0.046592	0.070747	0.034341	0.852159	0.35881	0.528564	-0.00313	0.757785
3.31703	2.818539	2.7944	3.014055	3.333911	3.58295	2.90042	2.353855	2.81567	3.139414
2.729859	1.900692	2.482381	2.913761	1.828812	1.846076	1.824462	1.612399	1.271048	1.290675
3.315826	2.830302	3.634549	3.325309	3.792668	2.626835	2.728657	3.194782	3.054712	2.908258

4.075114	3.864091	3.499743	3.395044	3.573266	4.227394	3.456187	3.806212	2.806718	4.322892
1.985376	0.973382	0.798063	3.369572	1.487372	1.210479	1.644066	1.8488	0.622745	1.656319
3.003346	2.781987	2.96703	2.076711	1.457262	3.415095	2.138667	2.841552	3.094159	3.515867
3.669844	3.262408	3.987496	4.286122	4.04638	3.580463	3.846266	2.942309	4.032166	3.811759
9.942539	9.797728	10.07419	9.935567	9.357359	9.592338	9.793397	9.926615	8.762231	9.373782
4.24309	4.323539	4.123768	4.405032	6.082223	4.319089	4.770244	3.963962	4.322058	4.609129
4.990017	2.657999	3.784448	4.402068	4.613696	3.667549	2.935454	2.828163	2.836717	1.985177
8.694291	6.893427	9.82392	6.59703	5.969908	8.634748	8.377276	8.067103	7.606901	7.741218
2.775677	3.099908	3.0619	3.629644	3.545643	3.680833	3.172305	3.543901	2.992371	3.139675
2.976457	3.23758	3.40959	2.755386	5.358543	4.164766	3.364848	2.68493	4.264305	4.027951
1.261767	2.924587	0.561937	1.919933	0.759649	2.281044	1.659107	2.500604	0.885751	1.628892
2.75772	3.177021	2.856607	3.065152	3.736516	3.459949	2.941857	2.522017	3.534376	3.41288
4.189012	4.067144	4.038944	4.058368	3.678022	4.339083	4.318584	3.883425	4.194145	4.215325
3.184463	3.357359	3.353682	3.644006	4.269617	3.69039	3.242749	2.918339	3.832186	3.441761
3.293346	2.069134	3.402745	1.22184	1.724405	2.946355	2.324594	1.862142	1.643439	2.853563
3.668853	2.181969	3.295731	3.896053	4.438056	2.887993	2.978399	2.055181	4.095833	2.60466
1.560616	1.751496	1.319504	1.732918	1.549571	1.853921	1.638333	1.377443	2.515694	1.658594
4.853486	3.675773	4.457801	3.403399	2.435647	4.087042	3.210405	3.302681	3.889677	3.675773
4.09688	6.336628	3.300246	4.271978	0.564174	4.117225	4.011309	5.038749	1.517304	4.880954
4.08605	3.720168	3.742629	4.474442	4.009463	3.852646	4.205268	3.677866	4.086977	3.795435
1.459157	0.674241	1.165659	2.976087	2.624071	1.188544	1.368439	0.523077	1.338436	0.939432
4.622648	4.944187	4.657222	5.171176	4.677036	4.921371	5.16448	4.526566	4.875457	4.743445
2.382511	3.326389	2.632233	4.791318	3.109047	3.143391	2.279581	3.118675	2.983608	2.99206
5.131498	3.992208	5.312057	5.063385	4.882343	4.531473	4.562571	4.304453	4.998927	4.725473
5.225414	4.793881	5.701417	4.567125	5.152431	5.32252	4.964636	4.751686	5.221097	4.776739
5.537505	5.215587	5.310487	3.973103	5.258687	5.984264	4.526165	4.247414	5.550027	5.269569
6.051295	5.409683	5.587099	4.301278	5.026037	5.898249	5.149452	5.971049	5.837724	5.463909
5.028295	4.908104	4.710373	5.707425	4.869197	4.884489	5.261077	5.182236	5.082434	5.097813
8.713933	4.774298	9.646848	6.743175	2.977977	7.169686	7.915462	7.513074	3.554831	6.115163
2.876779	3.668769	2.421827	5.207808	4.227509	4.26273	4.951205	3.104534	6.017203	4.05254
3.097378	3.476898	3.225522	4.087862	3.776675	3.593999	3.531424	3.236032	3.278495	3.846981
6.905516	6.085127	7.271402	6.731838	8.339468	6.831452	8.141549	6.842714	6.910561	6.462854
2.720674	2.205385	2.969387	2.447403	3.402627	3.057725	2.159821	1.921781	3.470482	2.928578
2.906247	2.92339	2.628381	3.550135	4.270109	2.44807	2.715108	2.715108	3.038302	2.270813
3.540605	2.368015	3.250141	3.677075	2.454539	2.639372	2.756939	3.013222	3.258137	2.503923
2.889825	2.673157	2.168733	3.412674	3.256122	1.924251	2.176306	2.96208	2.108869	2.14957
0.103625	1.625938	0.08308	0.656127	0.172726	0.182261	0.237843	0.502567	-0.00305	0.365898
5.187857	5.204502	5.124715	5.438732	6.121679	5.404943	5.330925	4.978613	6.004021	5.342966
5.027514	4.330637	5.714058	4.522645	4.639487	4.85382	4.82721	4.409596	4.421703	4.891794
6.068187	5.151245	5.998272	5.517339	6.395021	5.695354	5.461361	5.010401	6.234014	5.638214
-0.02254	0.815343	-0.02254	0.554178	0.274728	0.09852	0.071866	0.405164	0.06282	0.237344
2.113699	2.316865	1.854658	1.332799	0.491014	2.107306	1.596572	2.450158	2.425895	2.469216
3.662649	3.632032	3.471719	4.377077	3.617147	3.443885	3.867843	3.785431	3.584035	3.789802
5.918999	1.960383	4.290053	5.159871	5.429194	3.745917	3.458877	1.918661	2.558684	2.158675
1.852844	2.297307	1.460893	1.933617	1.155708	1.8154	1.908076	2.094586	2.276789	1.893912
3.958839	2.668074	4.530271	2.957696	3.617646	3.793979	3.485007	2.920698	4.223088	3.367914
6.452666	6.220814	7.14804	7.1121	7.096322	6.717387	7.239518	6.222964	7.249769	6.836625

3.367489	2.418181	2.418181	3.070372	3.05206	3.556311	2.496172	1.963409	4.075084	3.027802
0.565549	0.701657	0.665644	0.994451	0.793994	0.173909	0.388605	0.565549	0.677736	0.641187
5.187825	5.011199	4.895227	4.763303	5.155755	5.433134	4.682359	4.644076	4.958165	5.233611
4.371767	3.4453	4.283349	4.121677	4.602444	4.023037	3.298728	2.910591	4.27057	3.664211
4.406509	5.48107	4.455744	1.311637	1.440733	7.009124	3.95356	5.575993	1.091866	7.235117
2.069579	1.995602	1.649271	3.729889	3.526895	2.158325	1.887121	1.226393	1.780768	1.463201
0.501213	0.469874	0.203988	0.241568	0.098724	0.469874	0.098724	0.253881	0.014424	0.348783
5.657901	5.262701	5.181596	6.180665	5.916909	5.386302	5.990328	4.974308	5.681406	5.432947
5.4072	4.51992	4.414185	6.428088	4.651326	4.192015	4.28985	4.435424	2.12616	3.668393
6.479453	5.870992	6.437796	6.502297	7.107587	6.367166	6.34509	5.722093	6.447233	6.359447
5.435226	5.838225	5.040793	4.993281	4.763087	5.80917	5.098582	6.145113	6.790199	5.179146
3.935802	4.122582	3.849128	4.192663	3.706908	3.801139	3.708807	4.022743	2.935125	3.97476
3.592274	2.519407	3.82394	3.3508	3.78943	3.232647	2.886838	2.489676	3.880126	2.671963
3.251938	3.780146	3.167602	3.186983	3.018217	4.294126	3.186983	3.808992	3.876262	3.5792
1.46067	0.17175	0.206203	0.206203	0.160057	0.099932	0.293788	0.160057	0.049712	0.385651
1.125089	3.487932	0.921274	-0.06879	-0.0152	3.54742	1.836692	3.638309	-0.07981	3.229882
2.474477	0.315722	0.253912	3.726109	4.429082	1.813556	1.788872	0.266498	2.718996	0.833614
0.925655	1.684706	0.069601	3.937798	4.900884	0.721848	1.587059	1.49471	0.858351	1.920796
5.840696	5.978261	5.079328	6.465355	7.106356	5.981914	6.145117	6.230481	6.571145	5.877131
4.038415	3.414373	3.664501	3.972073	3.568303	3.250075	3.577118	3.583682	3.213619	3.351128
4.760691	4.92057	5.26376	4.385247	6.585936	5.458318	4.843291	4.703192	4.766036	5.741198
3.986797	3.78285	4.147086	4.042357	4.220082	4.346817	3.807792	3.51193	4.151967	3.913734
3.250049	3.263572	3.16438	3.912055	3.505376	3.070735	4.12319	3.116324	2.971327	3.332539
2.984817	3.560953	3.659237	3.471937	4.111447	3.654247	3.004847	4.901377	4.889562	4.301987
3.86436	5.271029	3.220075	3.736765	4.114888	5.614755	4.883556	4.675813	3.508235	5.597634
4.110469	3.585108	4.096041	3.721903	4.478426	4.893971	2.833566	3.071406	3.18856	4.615692
2.802383	2.644708	2.406133	2.966089	3.196316	2.954562	2.176626	2.217465	3.178796	2.191389

CGGA_89	CGGA_90	CGGA_90	CGGA_D1	CGGA_D2	CGGA_D5	CGGA_J5	CGGA_J7	CGGA_P1	CGGA_P1
0.511356	0.430532	1.768007	2.144834	1.239107	0.935363	0.89198	0.99108	0.530813	0.9066
1.129246	2.191904	2.319656	0.818483	1.093877	0.603797	2.080854	1.390526	1.256242	0.542096
5.49684	5.6057	5.301763	5.379864	5.521282	5.630624	5.764448	5.833692	5.633387	2.53199
1.054699	5.857835	3.308119	2.46564	3.050404	2.371137	2.05744	4.478339	3.842069	-0.00475
1.144014	2.009572	1.902707	1.798237	1.123673	1.489644	1.103002	1.569239	1.872633	0.598601
6.631674	6.849699	6.973018	6.6025	7.385889	6.932461	7.253609	6.895949	6.847994	4.822476
5.788124	5.742714	5.434927	6.258883	5.684217	6.296984	6.013851	5.866402	5.725063	4.32628
0.618295	0.519267	0.608805	1.298511	0.569955	0.799936	0.524448	2.057236	1.760472	0.344397
0.083552	0.009871	0.208401	0.208401	0.059466	0.164415	0.071566	0.612065	0.059466	0.322024
5.098997	5.441564	5.595461	6.037901	5.601881	5.863898	5.521465	5.732479	5.644959	2.453037
5.195971	5.225804	4.468361	4.581647	4.579439	4.837973	5.432732	5.216779	4.385081	2.269557
3.101493	3.833341	3.400033	3.994765	3.295205	4.143967	3.283637	3.863592	4.075358	1.446056
1.838604	2.062283	1.94821	2.686637	2.071492	1.517554	2.118672	1.695533	2.050669	0.718579
2.571116	2.764164	3.103566	3.879977	2.074069	3.02782	2.424293	3.368255	3.056033	0.485509
6.57067	6.389636	7.117526	6.707668	6.366829	6.713644	4.868779	5.398103	6.248735	3.709433
3.236064	3.376119	3.943545	4.63263	3.65079	3.908221	3.324586	3.766908	4.218061	1.26556
1.033609	1.322535	1.878201	1.372615	0.764226	1.265734	1.539754	0.869534	1.196555	0.757317
8.186109	8.18779	8.628279	8.351007	7.844646	7.81449	8.050969	7.760012	8.256363	6.345753
5.162412	5.493763	6.378622	5.895405	5.661163	6.361583	5.417671	6.17845	6.212327	5.066567
4.116387	4.214848	4.807587	4.956847	4.421591	4.567766	3.790604	3.911971	4.50772	2.889628
3.275339	3.588112	3.528296	3.681077	3.784539	3.547267	3.295424	3.020718	3.679643	1.256385
5.067328	3.698512	4.356781	4.01045	4.16017	3.907663	3.587043	3.968374	3.911326	2.565603
2.910101	2.968614	3.53334	3.659208	3.281769	3.300948	2.920851	3.041788	3.246762	1.475383
0.077279	0.4518	0.390573	1.315962	0.200206	1.632393	0.104796	0.656606	0.390573	0.781268
3.108567	3.358635	3.579993	4.368869	3.771374	3.813102	3.480539	3.899423	3.799781	1.505537
2.945475	3.899658	4.04009	4.051275	3.386833	4.470394	2.560569	3.143785	3.604826	2.296166
1.431199	1.83972	1.045423	0.450961	1.14509	1.725218	1.565382	1.721795	1.176691	0.245079
5.954364	5.856708	5.294916	5.486749	4.950602	5.692835	5.676431	5.743403	5.390744	3.372566
1.958523	2.381342	3.401977	3.416972	2.575471	3.062757	2.892993	3.749997	3.703132	3.765768
4.510197	4.735795	4.941843	5.044258	4.452571	4.49466	4.798725	4.935206	4.474159	5.506457
2.507114	2.882856	3.597928	1.855854	2.235258	1.61172	2.238164	1.298477	0.948699	0.916802
5.016153	5.193179	5.312288	6.973535	5.557713	5.703315	4.345176	5.205183	5.554901	2.281112
6.208433	5.804537	5.458571	5.43807	5.846667	4.748503	5.347277	4.987406	5.332168	2.983984
2.579316	2.672154	3.140508	2.991292	3.005011	2.92213	3.368489	2.663179	2.756386	1.403528
1.908299	3.537811	3.009992	3.024052	2.314335	3.106424	2.456018	3.362265	4.131629	2.256371
2.551312	2.978114	3.300361	3.130539	2.861442	2.811115	2.495036	2.113675	2.760087	4.139271
5.593751	5.429864	5.311543	5.250579	5.395183	5.49633	5.770791	5.787805	5.463008	2.696506
4.067111	4.248457	3.575303	3.864735	3.411496	3.984305	4.167464	4.141119	3.931495	1.892524
4.882133	5.021555	4.986104	4.753076	4.589076	4.841398	4.330376	4.442182	4.539189	2.297337
0.150289	0.178044	0.107686	0.033927	0.018737	0.454067	0.107686	0.57537	0.16423	0.018737
0.487822	0.141384	0.786501	3.718036	0.646467	1.350544	0.171903	0.70575	0.408106	0.374669
2.300554	2.031213	1.937192	2.544946	1.738205	2.660078	2.277344	3.090075	2.889396	1.751202
1.962158	2.468024	3.44688	1.621236	2.51127	1.921326	3.010045	1.108548	1.123992	0.531585
1.550529	1.177417	1.627179	1.737173	1.587976	2.385715	1.113649	0.75809	2.083352	0.387596
0.431956	0.523083	0.490732	0.440529	0.431956	0.414627	0.891849	1.96265	1.520899	0.195203

10.35867	10.25752	10.75135	10.06344	10.37359	9.828047	10.52861	9.593508	9.644715	6.716199
5.791383	6.376394	6.400224	6.36089	6.072248	6.958204	5.710043	7.004966	6.768618	1.781723
3.148708	3.377144	3.641843	4.544223	3.797801	4.295167	3.634258	4.191051	4.306085	1.331526
1.07891	1.241165	1.673885	1.930654	1.121677	1.104761	1.985286	2.233088	1.109014	0.565264
0.541881	1.318442	1.083486	0.745241	1.051309	0.774942	0.587077	0.823157	1.001693	0.265135
0.993278	0.610715	0.8186	1.225952	0.895566	0.762366	0.719578	1.243003	0.99752	0.028375
2.854605	2.539515	3.412541	2.741616	2.698044	3.015141	2.418906	2.59841	2.83457	2.069856
4.248458	4.416525	4.702504	5.08954	4.585474	4.32396	4.439581	4.619912	4.868048	2.15804
4.335555	4.270569	4.841298	4.910367	4.610602	4.5292	4.375727	4.434733	4.464416	1.807285
0.029448	0.117024	0.446719	0.328314	0.172696	0.172696	0.199777	0.131137	0.029448	0.145118
0.157496	0.928671	0.472169	1.703197	0.301313	0.91432	0.693245	0.733005	0.184147	-0.0582
7.938811	4.995492	7.522463	6.670397	5.927328	6.738971	7.814101	6.417135	7.354059	3.905206
8.836831	8.793043	9.464062	9.089603	9.008324	9.259285	8.727415	8.850738	9.156219	5.455875
3.761225	4.085175	3.963372	5.020543	4.359672	3.861205	4.593739	4.805036	4.487977	1.928569
2.002022	2.416532	2.178915	2.636596	1.083513	2.876097	1.605131	1.627266	1.879958	0.582129
5.255552	4.915118	4.021137	5.007118	5.206155	5.088945	5.321278	5.849534	4.902668	2.16627
0.20698	1.629003	1.614552	0.907679	0.274635	0.619123	2.863155	1.151139	0.694814	1.390758
3.728978	3.865347	3.7101	4.054054	3.483836	4.117533	4.361546	4.536587	4.018731	2.134251
1.221926	0.424869	0.380916	1.282912	0.348412	0.36803	0.294325	1.098851	1.102185	-0.20566
8.178394	6.811191	5.148148	7.890887	8.192498	7.101879	7.664605	7.550691	7.668054	3.440145
3.686126	3.849046	3.90596	3.662957	3.40173	4.170798	3.337386	3.60012	3.914881	2.984661
4.284628	4.443568	4.590945	4.697082	4.269675	4.383792	4.318358	4.329053	4.344881	1.962162
1.417204	1.326619	0.844587	0.988199	0.916653	0.849237	1.660872	1.759558	0.715879	0.221742
5.385869	5.362361	5.889579	5.9057	5.681118	5.602967	5.478521	5.262777	5.603145	2.779861
3.653837	3.746574	3.772829	4.641375	3.701858	3.976311	3.562931	4.272074	4.509456	2.623605
1.768717	1.751954	3.257704	1.711925	2.222529	1.841432	2.907044	1.768717	1.882569	1.12687
2.134605	2.557976	2.968	2.657552	3.112133	2.650412	3.070279	2.621341	2.759059	1.238975
3.834213	4.068885	4.461285	5.114997	3.597918	3.964887	4.061323	5.394148	5.399453	1.613698
3.763176	3.05809	3.197347	4.635959	4.087745	2.545641	4.504411	5.114642	4.978338	1.201261
5.084092	1.670879	4.673721	2.63215	1.67568	1.576113	4.195994	4.395896	3.901368	0.63918
2.699861	2.594536	2.207312	1.965915	2.65417	1.839144	2.882644	1.777896	2.201132	1.317292
3.857272	3.406036	4.557556	3.70446	3.043085	3.682715	3.164713	2.526368	2.715957	2.190356
2.75347	3.535903	3.285251	3.179651	3.167356	3.750241	3.172963	2.838447	3.672754	1.688194
3.715568	3.683214	3.910979	4.19123	3.248652	3.410538	3.409392	4.332025	4.163866	2.62457
2.051396	1.952705	2.269819	2.962919	2.126913	2.693	2.045348	2.423975	2.832117	0.226778
4.770816	4.199429	3.413251	3.645661	3.981009	4.36327	4.892082	4.639752	3.770407	1.953382
7.495956	7.474831	6.809553	7.861888	7.619378	6.767781	7.921311	7.535137	7.311824	5.129762
1.295579	1.193559	1.805311	1.384759	1.439211	1.042931	1.482044	1.2569	1.509795	0.434178
5.215796	5.170851	4.880018	5.143464	5.406686	5.540334	5.40496	5.326469	5.090391	3.218509
1.468705	0.622823	0.387401	0.590507	0.338743	0.452618	0.662127	0.989308	0.298472	0.100133
3.734243	3.883076	4.29694	4.116251	3.585501	3.923748	3.79748	3.56608	4.010191	2.198944
2.888803	4.335124	1.829865	1.02097	3.122616	2.198586	3.339694	3.877983	1.074897	0.169117
2.670855	2.588799	2.294378	2.874873	1.807181	2.892765	2.405112	2.89413	2.21183	1.599968
3.149505	3.407417	2.723883	2.71342	2.6427	3.318296	3.660893	3.081111	2.794295	1.028028
3.71064	4.657589	4.097945	5.656593	4.250177	6.156654	3.685953	2.986836	3.786204	1.715766
0.170301	1.429602	1.444708	1.019866	0.118815	0.182878	0.391578	0.628234	0.207691	0.302702
2.622113	2.750364	2.548851	1.331457	3.202309	2.188045	3.800188	1.689522	1.833274	0.58582

2.597608	0.925714	1.845177	0.732446	0.362983	0.853252	0.197575	0.289871	0.181671	0.181671
3.225471	5.468755	4.928399	3.524971	4.077495	6.275805	3.954307	3.182749	2.87835	1.826793
2.836207	2.625337	2.278285	1.653458	2.412412	1.440091	2.787034	2.607924	1.990537	0.989723
4.442975	4.581026	2.995638	3.809785	3.520109	4.05485	4.479116	5.00371	4.030434	2.385094
3.123026	3.519406	3.68572	3.018527	2.921264	2.90258	2.982436	2.840472	2.772365	1.310086
7.241493	7.106426	6.552455	7.49083	6.739006	7.153457	6.593341	6.442603	6.792253	3.691472
2.874175	3.726686	3.000832	1.340513	2.452154	2.114278	4.069611	2.22872	1.598394	0.900465
8.450559	7.058417	8.261046	7.099401	7.066137	6.186171	7.46334	6.794637	7.751443	4.816786
1.972239	2.687104	2.796086	4.003216	1.234779	2.603131	2.601201	2.162892	1.666196	1.046671
2.762293	2.833215	3.202854	2.21022	2.95929	2.288063	2.132979	2.239321	2.612116	0.987186
3.698909	3.810597	4.268697	4.322655	3.520196	4.002223	3.666382	4.259443	4.129087	2.05306
0.072671	0.179427	0.534464	0.103917	0.072671	0.149655	0.306858	0.072671	0.072671	0.103917
8.297555	8.321697	7.953023	8.42066	8.166752	7.955906	8.084909	8.127743	8.504326	4.71702
4.414901	4.677741	5.3013	5.539254	4.800551	4.908811	4.579119	4.932284	5.047954	2.833488
3.299659	2.912756	3.228525	3.857136	3.303423	3.421544	2.976563	2.976563	2.865309	1.205808
0.386162	0.512011	1.123233	1.557674	0.5319	0.570829	0.807983	0.450539	1.044232	0.185273
4.430125	4.5711	4.600873	5.508708	4.600571	5.50514	3.832803	5.04866	5.02902	2.332899
1.276285	1.353615	1.547026	2.718167	0.847442	1.697849	1.72717	2.43471	0.917113	0.706936
2.788723	2.822503	3.022642	3.072314	2.804543	3.306706	2.97969	3.292475	3.186144	1.860487
3.420277	3.590915	3.874718	4.013946	3.549158	4.002571	3.251505	3.552855	3.499871	2.647776
0.093787	0.212247	0.170499	0.116205	0.159833	0.159833	0.181072	0.557936	0.38411	0.011882
0.136234	0.357201	0.073436	0.029523	0.073436	0.062618	0.08415	0.029523	0.029523	0.040664
4.373746	3.430148	4.637016	3.827122	3.842426	2.674848	4.191303	2.666158	4.29459	1.262952
4.033409	3.557516	4.396066	3.653252	4.134953	4.523547	2.939723	2.77371	3.355342	0.733414
4.41269	3.80019	4.435871	4.473943	4.158332	2.108016	2.8588	2.148346	3.343341	2.325064
3.124853	3.534423	3.850246	3.888204	3.71539	3.404073	3.294285	3.555661	3.291851	1.542818
3.501484	3.719251	4.588077	4.302029	3.910356	4.06485	4.063478	4.233636	4.331936	1.795677
6.988342	6.974988	6.897216	7.038671	7.472065	7.007016	7.19717	6.851859	7.142369	3.40882
0.057751	0.01857	0.01857	0.057751	0.01857	0.044819	0.132801	0.01857	0.464573	0.01857
1.139578	0.974795	0.963741	1.352141	0.765698	0.712583	1.319121	0.498663	0.389493	0.094074
3.888938	3.603192	3.939573	3.740946	3.234641	4.084984	3.349069	3.476577	3.496472	3.009284
7.053325	6.932071	7.791455	7.443341	7.095817	6.09443	7.135076	7.335197	7.211445	4.059821
0.32099	0.094629	0.019258	0.085513	0.009424	0.038641	0.057655	0.299051	0.189766	0.019258
0.292689	1.189924	0.837056	1.050362	0.424172	0.684133	0.188759	0.645616	0.776075	0.1197
4.619764	4.615395	5.530198	5.254289	4.197426	4.95414	4.621216	4.917353	4.697113	3.200318
5.629637	5.491481	5.564052	5.111081	5.205265	5.406897	5.720421	5.88281	5.552342	3.638449
5.052362	5.181253	4.808523	5.092178	5.179028	5.445652	4.730196	5.513559	5.377366	3.498123
5.004631	4.745893	4.985533	4.642823	4.262927	4.629798	4.35833	4.411125	4.711666	2.699245
4.342527	4.546331	4.494761	5.039508	3.980955	4.883054	4.125872	4.647237	4.585797	2.8694
1.289153	1.211966	0.986046	1.329813	0.50128	2.376927	1.169713	2.091373	0.738682	0.826038
5.663476	6.495538	6.538948	5.531735	4.778499	4.439329	5.506376	4.560035	4.201959	2.446451
0.004922	0.004922	0.015591	0.004922	0.004922	0.004922	0.015591	0.087439	0.087439	0.004922
6.72157	7.599905	6.028577	6.098556	6.277944	6.754718	6.330056	5.821133	4.978355	5.181683
4.277011	4.343082	4.701733	4.788501	4.670983	4.724647	4.373665	4.541776	4.56719	2.378965
5.213293	4.859121	5.667293	5.329548	4.75631	5.614131	5.08707	4.860961	4.899579	3.375565
3.21109	3.13533	3.728111	3.092122	3.213499	3.645464	2.900176	3.28318	3.531583	0.771885
4.503846	4.465782	3.89718	5.303769	4.249582	4.02848	5.152935	4.578091	4.204058	1.961501

1.441961	2.055233	2.418673	2.77841	1.95827	2.561977	2.558041	2.743077	1.772273	0.476285
0.170382	0.025018	0.03684	0.159799	0.116516	0.001022	0.025018	0.578111	1.261605	0.001022
4.674816	4.62018	4.822991	4.747785	4.032068	5.065274	3.936033	4.758393	4.725119	2.946562
0.232732	0.232732	0.293357	0.232732	0.382102	0.293357	0.382102	0.232732	0.293357	0.232732
0.168875	0.130121	0.566195	0.497184	0.076739	0.255374	0.156075	0.302527	0.527173	0.103682
6.64048	5.89528	5.79889	6.168071	6.087253	5.977971	6.599563	5.893271	6.416197	3.516663
5.340062	4.986634	4.832409	4.281812	5.342249	4.704411	4.553601	3.439612	4.472679	2.214849
2.14345	1.98657	2.575414	3.0625	2.367825	2.159123	2.234412	3.241743	2.872476	1.262729
2.250677	1.523678	1.782811	1.418831	3.159393	1.654824	1.220838	1.279601	1.311146	0.380538
6.099416	6.955241	6.613134	6.675878	6.569221	7.387626	6.943052	6.352494	6.61769	3.870536
0.000439	0.036611	0.036611	0.000439	0.054432	0.036611	0.124027	0.223686	0.000439	0.000439
0.97361	1.258922	2.604644	2.69226	1.159455	2.266041	1.914066	1.135239	1.340334	0.534691
3.165622	3.038567	3.757598	3.204311	2.703563	3.039258	2.900364	3.220818	3.220818	1.716251
5.84217	5.893258	6.206881	5.819041	6.329346	5.490391	5.759539	5.457775	5.649822	2.722874
0.257504	0.257504	0.268762	0.926438	0.301973	0.33437	0.355536	0.559451	0.407015	0.246149
0.249612	0.149979	0.400136	0.584908	0.260218	0.103075	0.18406	0.739068	0.400136	0.091075
4.533503	4.786093	5.182445	4.836358	5.079399	5.118857	4.823749	4.993894	5.249775	2.665877
5.47093	5.992483	5.666356	5.275173	5.417569	5.793336	5.433541	6.336676	6.474682	3.541358
0.183653	0.161903	0.082628	0.047036	0.059014	0.183653	0.094268	0.812593	0.183653	0.010393
9.303339	9.28409	8.60174	8.977766	10.07075	9.578583	9.938953	9.38587	8.900573	5.868089
5.073515	4.845197	5.058127	4.916498	4.461843	5.206627	5.079115	5.047357	4.716564	3.127976
0.623087	3.981033	1.528218	2.314717	1.284803	0.137257	2.314717	1.003671	1.735249	1.243713
5.676324	6.101718	5.792201	7.222286	4.852974	6.391758	6.922711	5.873237	5.337591	1.930465
4.185996	4.329549	3.525283	4.297361	3.820347	4.155073	4.280687	4.200242	4.141606	1.791389
4.105273	3.865416	4.063527	3.407041	3.756212	3.270299	3.732321	3.542966	3.298657	2.095682
1.696529	1.144818	1.503383	1.008019	0.795712	1.327162	1.5435	1.223688	0.818807	0.885418
0.381837	0.006351	0.565091	0.506234	-0.00994	0.161015	0.204728	0.530029	0.161015	0.054288
1.35414	0.996503	0.637604	0.916631	1.252976	1.611635	1.272476	1.137358	0.733461	0.079279
4.916	5.496492	5.830623	4.940679	5.612484	5.060874	5.127368	4.672052	4.77072	2.447317
3.94761	3.947946	3.312458	7.134612	2.889962	5.796658	3.305489	5.139789	4.047547	4.005215
2.487799	2.165796	1.725203	1.7827	1.707115	2.165796	2.633619	1.527859	1.553676	0.309013
5.550377	6.514297	5.003426	5.348293	6.273464	6.088875	4.525213	4.700484	5.088561	2.027459
1.314769	1.575936	0.964964	0.911594	1.585641	0.781514	2.590343	0.856142	2.165335	0.174926
5.36152	5.962633	5.468778	5.134044	4.240565	5.808531	4.753022	5.476146	6.004334	2.592434
2.054945	1.287085	0.301866	0.496684	1.0431	0.700689	1.54775	1.893851	0.611346	-0.04998
3.466176	3.444845	3.117932	3.481134	3.175719	3.324694	3.596656	3.536389	3.28719	1.270366
1.3709	1.602381	1.807333	2.003246	1.791067	1.877928	1.536805	2.882124	1.164803	0.56529
0.363155	1.101153	1.929879	0.434556	1.428872	0.390433	0.738871	0.704806	0.947865	0.372317
4.547027	5.181986	4.810123	5.049945	5.206314	5.243458	4.9066	5.395621	4.986437	1.829591
6.032251	5.752344	6.012745	6.278591	5.731963	6.037445	5.617062	5.444065	5.78828	2.892528
0.658099	0.683425	1.165784	0.465326	0.748621	0.455385	0.93337	0.605903	0.340647	0.296251
4.827894	7.102813	4.594506	6.909796	5.047712	5.219411	4.937336	5.104841	4.51186	3.046913
7.229692	6.649513	7.605209	6.014492	7.205808	5.883476	7.269453	6.0655	7.246317	2.750859
0.280003	0.387155	0.34922	1.355988	0.320013	1.094206	0.140595	0.310127	0.320013	-0.01587
2.807019	2.584245	3.327311	2.342146	2.743455	2.754644	2.666174	2.762711	3.103133	2.435219
1.686884	2.055986	2.823935	1.58662	1.662514	1.347887	1.96106	1.780157	1.811323	0.944195
2.672175	2.940679	3.136893	2.523949	2.484699	3.097029	2.608206	2.548869	2.377693	1.029858

4.517206	4.258254	4.494416	3.349461	4.368854	4.12198	3.064942	3.668848	4.303158	2.363659
1.668456	1.809605	3.181434	1.134089	2.823924	2.165432	3.319002	1.449856	1.24429	0.451248
3.453795	2.866631	2.677243	3.118994	3.337574	3.297029	2.368132	2.452489	3.305949	0.872607
4.07264	3.91215	4.764146	4.071018	4.24472	3.910268	3.908383	3.451892	3.858187	1.691477
9.244217	9.171196	9.410873	9.745337	9.461239	8.866453	9.450363	9.126876	8.98501	4.474585
5.700344	4.64902	5.107399	4.903268	5.541047	4.37212	4.697848	4.309386	4.54355	2.321943
2.969454	3.598638	5.022835	2.635186	2.787535	2.449111	4.019299	2.25165	3.445969	2.748715
8.487305	6.657378	8.042627	6.825199	7.185391	6.747037	7.307815	7.523283	9.160851	2.670039
4.626633	3.817202	3.596353	3.223839	3.893867	3.850143	4.877856	4.151904	4.837452	1.508173
3.575185	4.020764	4.628887	4.527284	3.772192	4.3052	3.332455	3.66007	4.119377	3.291363
0.389948	0.342464	0.210185	2.761127	0.670344	1.267831	1.682287	2.781556	1.787677	0.202355
2.936616	3.097258	3.826689	3.905593	3.009388	3.522328	2.689238	3.211389	3.582203	1.18613
3.956285	3.903638	3.638722	3.444907	4.106841	4.45919	4.038399	4.086544	4.130708	1.397945
3.46179	3.507804	3.685121	3.752765	3.5404	3.702143	3.276151	3.564538	3.69039	1.815092
1.912393	2.332685	3.133756	2.962885	1.466592	3.242851	1.591245	2.236064	2.285377	0.516038
3.019227	3.298753	4.483255	3.638678	3.217572	3.238395	3.51844	3.283567	3.43942	2.41369
1.982738	1.845513	2.12423	2.732935	2.012076	2.183451	2.272311	2.378737	2.156358	0.699846
3.815009	2.991597	3.525455	3.133107	3.335798	3.285225	3.233575	3.512793	3.361855	1.966752
4.478299	4.225277	4.800907	5.796235	4.233969	2.17008	4.974686	3.837419	3.433501	1.618997
4.482592	4.119792	3.856735	3.924903	4.103519	3.897294	4.469076	4.155468	3.83612	2.17511
1.159875	1.222139	1.691082	2.745314	1.199838	1.454536	1.578141	2.200206	1.112658	2.181734
4.888887	4.546397	4.994336	4.983577	5.039273	4.825747	4.814628	4.851751	4.909951	2.124594
2.179744	3.211364	4.494202	4.249593	2.392386	4.042168	2.369231	2.453313	2.345673	1.099371
4.602443	4.8249	5.579661	5.210014	4.815354	5.007177	4.630594	4.6963	4.594063	2.537626
5.159433	5.233745	4.839914	5.314814	5.140483	5.390285	5.139117	5.438591	5.340987	3.313564
5.057128	5.320244	5.714671	5.875479	4.967993	5.578737	4.429291	5.070752	5.954711	3.858658
5.726903	5.934824	5.50738	4.493626	4.479004	5.264073	5.048353	5.270071	4.983726	2.217269
5.352698	5.266496	4.70029	5.258123	5.136516	5.326211	5.869515	5.816373	4.752798	3.932687
6.974084	3.878956	6.372173	4.901922	4.3215	4.151804	6.229434	5.74335	6.902841	1.648185
5.248186	7.891376	6.142185	6.368525	6.255281	6.065892	3.971699	5.833006	5.095324	2.727098
3.852843	3.55491	4.315278	3.850335	3.743866	3.26695	3.458888	3.134188	3.60987	1.490861
7.607577	7.862807	5.623391	6.987096	7.885641	7.681508	5.954172	4.500243	5.576416	3.118504
2.91619	2.898923	3.384479	3.933681	3.271057	3.931213	2.420829	2.755474	3.03839	1.068365
2.994339	2.579015	3.317502	2.52984	2.667261	2.842335	3.22431	2.77468	2.840508	1.186361
2.681782	2.788879	2.936865	3.286141	2.098508	3.108302	2.013487	2.013487	2.23147	0.484377
2.774538	2.590222	1.993285	1.132032	1.853949	2.338492	2.830591	2.051193	1.857321	1.509497
0.357798	0.103625	0.324804	0.28216	0.072666	0.08308	0.008081	1.238312	1.79747	0.458822
5.428526	5.724275	5.562834	5.620629	5.112824	5.346409	5.500856	5.627091	5.654179	3.066841
4.85382	4.704873	4.977645	4.512994	4.719721	4.646022	4.406008	4.320513	4.62802	3.330316
5.511399	5.683823	6.467534	6.261907	5.732807	6.10573	5.342908	5.531165	5.940925	3.436384
0.035175	0.252468	-0.02254	0.789501	-0.02254	0.166277	0.071866	0.57607	0.025785	-0.02254
1.858616	2.53585	2.226164	2.116883	2.616817	0.557853	1.366169	2.852663	1.887893	-0.05473
3.945929	3.790238	3.265243	3.642173	3.950778	3.738363	4.247416	3.854837	3.453046	1.528488
5.495144	4.539411	6.027383	5.291337	4.650569	6.233818	5.205325	2.959177	4.21165	3.308079
2.198393	2.334034	1.586998	2.136032	2.145693	1.586998	2.560988	2.002795	1.56532	1.000906
3.513461	3.996133	4.128029	4.290915	3.67518	4.311337	3.345415	3.491583	3.901242	4.314221
6.903355	6.44607	7.381148	7.12789	7.113672	7.124011	6.744661	6.991551	7.115273	4.298292

3.1408	3.723243	3.858794	3.916211	3.104371	3.475399	2.830527	3.107892	3.678459	1.667459
0.552596	0.552596	0.315115	0.849169	0.417102	0.974469	0.665644	0.892009	0.603804	0.359603
4.723503	4.722892	5.031554	5.040691	4.278291	4.842485	4.732319	5.123227	5.005699	2.185074
3.506444	3.850536	5.168913	4.959313	4.120323	4.318526	4.034889	3.930279	4.317411	1.877707
0.584903	2.448584	3.023065	2.534426	1.044714	1.49113	0.97441	4.827246	5.408354	0.721625
2.356677	1.844487	3.350523	3.423144	2.025222	1.774202	2.610085	2.04107	1.39703	0.55015
0.014424	0.085011	0.30211	0.325635	0.098724	0.014424	0.203988	0.241568	0.253881	0.014424
5.607086	6.136489	6.036674	5.47441	5.910945	5.438896	5.791031	5.408022	5.415692	3.633147
3.850814	3.078917	4.128186	3.243704	3.044222	3.662134	4.903944	3.558567	2.735967	2.431817
6.104539	5.791652	6.844015	7.085201	5.936386	6.630924	6.115249	6.267332	6.336128	3.478551
5.530191	6.23587	5.76111	5.245043	5.018425	6.958304	5.695356	6.177622	6.322165	2.681863
3.960472	3.647719	3.317603	2.860076	3.667038	3.1617	3.475223	3.79013	3.070057	2.147727
3.828175	3.676595	4.0547	3.720573	3.23562	3.360073	3.621482	3.338758	3.598602	2.351295
2.804776	3.714552	3.637131	3.204622	3.794183	3.813586	4.093298	4.008378	3.379322	2.596931
0.560317	0.452805	0.773557	0.4052	1.330952	0.183338	0.837415	0.049712	0.217485	0.17175
-0.0152	-0.0152	-0.05787	0.045981	0.132058	0.159378	0.132058	2.431413	0.921274	-0.12499
0.967981	2.186377	2.328153	4.279459	1.288995	1.514163	2.662914	3.446045	1.578504	1.170707
0.912487	1.292498	1.571715	0.579804	2.443212	1.847053	1.279493	0.146292	0.1627	-0.09992
6.513084	6.441896	6.006811	6.256368	6.357359	6.960389	6.543131	5.988949	6.407958	4.574025
3.618547	3.67706	2.80721	3.256774	3.331949	3.171856	3.549887	3.480091	3.322926	2.323292
4.682171	4.664797	4.78394	4.788773	4.677742	4.87052	4.04198	4.792385	5.163409	2.744862
4.414683	4.409857	4.366097	4.394188	3.876917	4.337967	4.891056	4.815447	3.823082	2.283618
4.349731	5.432705	4.501487	3.257796	4.541067	3.011402	4.070316	3.601082	3.251021	1.326874
2.728817	3.361324	4.428536	4.422495	2.931582	4.262085	3.066293	3.753325	3.917387	2.050056
5.219349	4.182393	5.751983	3.878646	5.596465	3.5398	4.849251	4.725812	5.915618	1.779776
4.087852	3.89737	4.158005	5.852252	2.784256	5.071827	3.854328	4.267307	5.787648	2.100667
3.364446	3.307426	2.61141	2.84649	2.050658	2.865531	3.069875	3.799558	2.765066	0.984838

CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI
0.57824	0.685575	0.451205	0.854708	1.363152	0.491608	1.031379	0.228315	0.166187	1.725633
1.502603	1.883994	2.22492	1.534592	1.349142	1.486338	1.413651	0.835722	1.820572	1.163767
5.412019	5.614884	6.072526	5.454355	5.604178	6.112631	5.524376	3.531356	6.05958	5.722893
4.462523	2.34678	2.694553	1.723029	3.046801	6.47675	3.814106	0.230397	7.127838	3.99383
1.971418	2.762331	0.994318	2.301585	1.782006	1.826151	1.872633	0.524335	0.658994	1.399264
6.906663	6.909942	7.623468	6.946337	7.012882	6.540666	7.240969	4.930102	6.989921	7.140751
5.892217	5.53046	7.118192	6.166553	5.839082	5.859463	5.817103	5.209806	5.902078	6.831176
0.901959	0.618295	0.294075	0.306885	0.991595	2.563264	1.322847	0.398252	2.611262	1.195064
0.009871	0.281878	0.009871	0.071566	0.009871	0.37995	0.141834	0.009871	0.271639	0.009871
5.867657	5.800879	5.984171	5.96791	5.675849	5.623603	5.930772	2.426937	5.68696	6.038666
4.613952	4.357234	5.598255	4.606332	4.445871	4.172984	4.391923	2.741763	4.587511	4.662788
4.085423	4.195608	2.782468	3.881805	3.636812	4.30304	3.927514	1.655816	2.970705	4.036776
1.885316	2.129628	3.528406	1.653536	2.520199	2.055328	1.993235	0.945581	2.187062	1.155699
2.720894	3.184881	3.592162	4.49417	3.304191	3.560505	2.665883	1.493564	3.962301	4.27877
6.398597	6.401393	5.30122	6.022054	5.964711	4.962302	5.701559	4.176051	3.789582	6.495319
3.763489	4.638715	3.445042	4.801672	4.234755	3.117968	3.624814	1.804194	2.751545	3.88783
1.485428	1.962395	0.936776	2.012967	1.621724	1.017096	1.539754	1.20602	0.494068	1.917227
7.862102	8.060069	8.851795	7.776477	7.876147	7.954983	7.735634	6.582804	9.15247	7.866838
6.185038	7.076506	5.343659	6.910401	6.119946	4.350508	6.020554	4.121371	3.107326	6.004083
4.594863	5.007508	3.844602	4.830405	4.241573	4.374745	4.586853	2.36846	3.267134	4.237553
3.707247	3.687505	3.543173	3.435979	3.524124	3.500443	3.400732	1.634684	2.577574	3.868362
4.135981	4.322657	3.021323	3.589482	3.526002	3.72617	4.083368	1.833268	2.549309	3.664852
3.12774	3.254522	3.05796	3.4833	3.246762	3.364401	3.037705	1.356611	3.09988	3.407168
0.240993	0.910896	1.065552	3.036273	0.303275	0.18346	0.458398	0.438484	0.0957	0.552917
3.493446	3.859149	3.740245	3.847009	3.816547	3.94312	3.571162	1.271336	3.920233	4.008222
4.20892	4.205433	3.334213	4.926111	3.862027	3.008328	4.37381	1.556741	2.001076	4.573626
1.28643	1.640467	1.139748	1.762298	1.160986	0.512958	1.271998	0.122715	0.423463	0.450961
5.911186	4.957034	5.305981	5.717577	5.170579	4.846661	5.272433	3.205292	3.531303	5.139676
2.930567	3.076607	1.940633	3.06848	3.070111	4.827514	2.366084	4.63283	3.616031	3.140325
4.589905	4.646935	4.933874	4.837283	4.464275	4.126418	4.734461	5.227048	4.097528	4.604145
2.463971	1.568577	3.776486	2.074351	2.523511	1.5036	2.023949	1.508716	1.635081	1.477711
5.361702	5.089422	5.012311	4.853471	5.439579	5.958603	5.658426	2.022455	4.081129	5.623238
5.0124	4.429382	4.816978	4.850498	5.284566	5.113307	4.971118	2.918185	4.263858	5.185819
2.950976	3.536627	4.614694	3.483481	2.846907	2.709581	2.945619	2.029088	2.756386	4.160264
3.994617	2.936039	2.177786	4.533003	2.379455	4.090615	2.818515	2.228544	4.862894	3.471265
3.12084	3.615775	2.358734	3.588129	2.99324	2.197783	2.908117	4.2601	1.626149	2.749933
5.244778	5.054693	5.517225	5.047237	5.314512	5.633231	5.31978	2.970458	6.378847	5.150074
3.719573	3.296219	4.356138	4.316378	3.765927	3.981674	3.874121	2.778316	4.340191	4.197453
4.611541	4.48524	4.822687	4.717664	4.678997	4.7661	4.961103	2.836375	5.049099	4.833419
0.16423	0.093216	0.018737	0.232086	0.258406	0.284279	0.284279	0.018737	0.033927	0.191735
0.066986	1.133365	1.133365	0.487822	0.619144	0.29583	0.562552	-0.03602	0.786501	0.022297
1.767261	2.733357	3.05034	2.433376	1.978348	3.565709	2.216263	1.711804	3.303419	2.652194
2.212041	2.569562	2.474532	2.081321	2.220125	1.733048	2.07222	0.726141	3.097295	1.55931
1.338012	1.518338	0.606668	1.383127	2.051345	1.591041	2.422737	0.591831	0.498428	2.120211
1.067009	2.259364	2.626796	0.780933	0.714629	2.488137	0.915178	0.64449	2.280165	1.379772

10.28958	9.907356	11.36579	10.76609	10.24749	10.27787	9.176521	7.017387	11.23003	9.743033
6.217983	5.334206	6.026557	5.669703	6.055691	7.130215	6.338867	2.728848	6.191035	6.568765
4.020936	4.033483	4.569751	4.121764	3.869051	4.472926	4.2209	1.23394	5.537396	4.527016
0.730173	1.356225	0.544614	2.647886	1.545042	0.189162	1.043508	0.090304	0.306115	1.72212
1.730587	0.507055	0.434843	0.495262	1.107167	1.967523	0.967668	0.422457	0.823157	1.384823
0.469473	0.813605	1.04312	0.384003	0.751825	0.154082	0.330883	-0.0458	1.901969	0.71411
2.737191	3.044302	2.102638	3.353891	3.018547	2.126575	2.857248	1.788736	1.113885	2.410892
4.470026	4.986291	4.869797	5.406512	4.829486	4.900755	5.153037	2.082535	4.991551	5.078591
4.480636	4.63214	4.638564	4.747059	4.662884	4.217617	4.698306	2.015055	4.230013	4.244616
0.199777	0.364825	0.290894	0.172696	0.029448	0.029448	0.252518	0.145118	0.088396	0.029448
1.273931	3.189901	2.328614	3.501328	0.687457	0.166445	0.227303	3.255849	0.615758	2.055789
7.943514	7.016649	8.081267	7.432183	7.273729	7.517691	6.946644	4.17712	8.469513	6.699648
8.801836	8.858945	9.170173	9.004048	9.074408	8.761364	9.046078	5.219294	8.778413	9.077549
4.098697	4.492847	5.28994	4.054521	4.249133	4.690311	4.268522	1.512927	4.893423	4.687715
1.922019	2.607487	1.169484	3.842148	2.395683	1.783525	1.972633	1.267597	0.622786	2.355303
4.385194	4.898246	5.68181	4.945642	4.90355	5.282738	4.385797	2.556543	7.188804	5.035222
1.339274	3.134336	3.595102	0.127712	0.977981	1.430365	1.135565	1.702544	3.074309	1.45921
3.726637	3.988851	3.393023	3.83484	3.739834	4.29428	3.55908	2.382406	2.956757	4.230045
1.245559	0.584998	0.380916	0.490579	1.710658	2.221302	1.782964	0.122169	2.170734	2.501812
6.035355	7.089783	8.619169	8.579751	8.006865	9.071304	8.157533	5.600276	11.40009	7.117397
4.112284	4.34264	2.795802	3.965336	3.750168	3.633059	4.205532	2.720767	2.210314	3.730311
4.401656	4.625318	4.425651	4.889977	4.378327	3.859042	4.360459	2.253679	3.197115	4.433256
0.984121	1.139608	1.035939	1.194584	0.683815	0.544854	0.557157	0.078057	0.294741	1.059025
5.607041	5.851864	5.698284	5.488389	5.712619	5.570835	5.54345	2.952406	5.213993	5.736962
3.990819	4.316834	3.241439	3.884488	3.938357	4.982577	4.139563	2.540859	4.086933	4.225016
2.492901	2.999759	3.117678	2.323565	2.846464	2.220613	1.720613	1.706097	2.428274	2.36687
2.691376	2.844483	3.032398	3.130943	2.679839	2.940518	2.915043	1.385235	3.378011	2.362575
3.831444	4.523636	4.337616	4.453184	4.312816	6.543578	4.488417	2.533583	6.351887	5.045716
2.993766	5.15928	3.792099	4.597126	3.809394	6.020615	4.423746	3.365891	7.061688	3.995139
3.170913	3.268672	1.523313	1.935422	5.166845	5.221099	1.410799	0.99133	4.672768	2.634442
2.243646	2.145122	3.663448	5.623117	2.284504	2.232877	2.223211	1.792632	3.756497	2.324935
4.321899	3.924035	3.228355	3.818655	3.333508	2.454861	3.335132	2.301636	1.615837	3.735199
3.617222	3.673447	2.499487	3.633905	3.754097	3.067137	3.560892	1.408763	2.200813	3.039554
3.60876	4.13462	2.711944	3.85277	3.757785	4.223272	3.668013	2.978198	3.057709	4.044269
2.00703	2.915491	2.639581	2.647002	2.501284	2.728979	2.693642	1.138573	2.234164	3.253478
4.32993	3.677874	4.715496	4.061665	4.082178	3.179255	3.894632	2.279949	3.270696	3.83272
6.940317	6.979335	8.049485	6.702675	6.976255	7.206893	6.933983	4.96299	8.795318	7.218517
1.844291	1.847775	1.374596	1.509795	1.107939	2.037634	1.228511	0.389674	1.181685	1.151492
4.925134	5.057677	5.861475	4.821573	5.220938	4.695848	5.232831	3.468559	6.022007	5.290199
0.406368	0.063945	0.53196	0.256921	0.377813	0.598661	0.479603	0.088181	1.030859	0.288207
4.288046	4.153765	3.378357	4.005978	4.15267	3.581004	4.346912	2.006219	3.034281	3.901511
2.968977	5.312811	3.416485	4.498122	3.087666	0.498184	3.110116	3.947619	1.879563	2.810227
2.993475	2.197075	1.820912	2.096351	2.287526	2.082787	2.551009	1.177754	1.274171	2.439812
2.958468	2.968374	3.359045	3.039784	3.042082	2.335438	3.227804	1.727547	2.760694	2.847361
5.173767	5.642144	4.625521	6.97495	6.317332	2.009753	3.3901	5.674511	3.253549	7.597304
0.790434	0.336706	0.798464	1.444708	0.267836	0.051625	0.524785	0.051625	0.207691	0.609994
2.210043	2.615567	3.35235	2.551838	2.642431	2.298873	2.047398	0.889957	4.180156	2.099847

0.181671	0.228925	0.228925	0.432957	0.362983	0.391334	0.14939	0.213325	0.473543	0.14939
4.394874	3.500478	4.822937	5.72673	3.538938	2.620332	3.217366	1.906739	2.774439	4.352296
2.363254	2.438136	3.1983	2.496195	1.845243	1.614433	2.029724	0.368474	1.748057	1.723753
3.91371	3.762873	3.846607	3.874255	3.729861	3.987229	3.796089	2.022451	3.687652	3.811486
2.559417	3.270026	3.119192	3.464289	2.834458	3.296348	2.315825	1.422553	2.851409	2.6881
5.943255	6.079068	7.384181	7.094092	7.052621	5.556906	7.072952	3.146227	4.01123	6.904137
2.316404	2.771666	3.315534	2.208902	2.432855	2.246445	1.859352	1.396898	2.301406	2.098393
6.1746	6.901508	6.049513	6.563295	7.811002	5.809609	6.192415	3.862645	5.032896	6.438201
3.602965	2.814194	3.547169	5.185305	2.269966	1.831915	3.105224	0.825927	2.165613	4.385515
2.813046	2.993497	2.658088	2.357935	2.257303	2.451173	2.397774	1.097793	1.461903	2.003692
4.016565	4.648346	3.555896	4.845401	4.115327	3.158597	3.956165	2.289107	2.326718	4.316562
0.103917	0.179427	0.510736	0.072671	0.072671	0.072671	0.072671	0.072671	0.088372	0.208648
8.053918	8.021586	7.962897	7.87014	8.273652	8.863614	7.84495	5.482932	9.157998	7.882511
4.830601	5.452855	4.621685	4.988919	4.891068	5.042777	4.896372	2.483304	4.542879	4.874538
3.125787	3.254873	2.98309	3.648267	3.121434	2.327175	3.314645	0.93446	2.067917	2.904107
0.791764	1.203945	0.799898	1.191835	1.030607	1.431075	0.512011	0.259604	0.824012	0.916413
5.155421	5.275434	4.526779	5.364359	5.128407	4.636776	4.743958	2.375664	3.973429	5.406274
1.14464	5.071587	1.426994	1.366108	0.908587	1.194555	1.717463	1.908698	0.934016	1.536018
3.32221	3.407967	3.056336	3.553729	3.062004	3.786361	3.232714	1.918881	2.391614	3.055388
3.73306	3.602421	3.171115	3.894247	3.542656	3.17244	3.880817	2.860241	2.069964	3.579281
0.486472	0.502721	0.826521	0.08242	0.201944	0.366176	0.191553	0.08242	0.510765	0.191553
0.08415	0.105275	0.11569	0.08415	0.233653	0.062618	0.029523	0.11569	0.040664	0.136234
5.3439	1.811516	3.295538	2.199016	4.758033	3.423997	4.676032	1.404727	2.123622	4.465521
2.738391	4.030592	2.477668	2.565183	3.986071	2.697731	4.210103	0.327931	2.975328	4.755543
3.575397	3.299425	1.990491	3.122598	4.413625	3.073283	3.029907	1.719618	1.799017	3.125018
3.508777	3.552789	2.883944	3.565179	3.435491	2.673095	3.750307	1.342377	1.999293	3.540257
4.25884	4.649859	3.60602	4.562015	4.483619	3.989445	3.681898	1.649596	3.928562	3.735525
6.902737	6.943918	7.160164	6.886549	7.151407	6.996909	7.334202	3.246735	7.566817	6.992706
0.03176	0.03176	0.01857	0.083243	0.01857	0.474008	0.03176	0.070559	0.070559	0.226683
0.116086	1.129889	0.514646	0.546014	0.553735	0.678206	0.220702	0.048856	0.671217	0.553735
4.202516	3.686008	2.192729	3.853473	3.999293	3.067993	4.269845	3.123538	1.454852	3.64015
6.635818	7.404675	6.931002	7.40141	6.798617	7.771711	6.158474	2.952832	7.901018	6.462298
0.245903	0.214212	0.019258	0.057655	0.076313	0.15621	0.028997	0.019258	0.009424	0.410852
3.34732	0.480124	0.202175	3.337152	0.758158	1.376432	2.64631	0.353972	0.595947	1.669963
4.697113	4.976806	3.778234	5.072611	4.811051	4.502783	5.009217	2.608893	3.225826	4.826154
5.24241	5.270845	5.964832	5.188402	5.310952	5.966112	5.191761	4.219002	6.752842	5.389047
5.034669	5.173953	5.71286	5.45085	5.375682	5.590187	5.363648	4.22486	6.141748	5.346119
4.36501	4.467164	3.74722	4.337071	4.912632	4.838929	4.768246	3.383061	3.905797	5.05596
4.502227	4.857073	4.055971	4.809879	4.658945	4.16003	4.940568	3.203983	3.203983	5.098662
1.676443	2.670423	1.78911	3.098839	1.163543	0.608594	0.945341	1.693806	0.593147	1.517794
6.851936	4.294739	4.894019	7.021559	5.147791	2.727876	5.57099	2.497833	3.636808	5.648273
0.004922	0.004922	0.004922	0.004922	0.036615	0.154774	0.004922	0.004922	0.218129	0.026154
6.511803	5.855252	6.808222	7.271948	5.320228	5.251564	6.596966	5.917394	4.809	6.06948
4.521379	4.79155	4.610921	4.674426	4.571248	4.407317	4.749091	2.754462	3.917031	4.625494
5.343597	5.999962	5.129515	5.469096	4.918197	4.393	5.208016	3.644867	3.234135	5.327661
3.863161	4.414412	2.662225	3.477699	3.647412	3.336148	3.683711	0.785727	1.970382	3.724516
4.496415	4.78532	6.583733	4.690002	4.535734	4.525461	4.72312	2.781507	5.908451	6.322529

2.889605	3.880628	5.627715	3.538243	2.789974	1.456014	2.055233	1.249177	1.74654	4.63755
0.083009	0.071631	0.138351	0.060145	0.364682	1.683927	0.048549	0.03684	0.578111	0.149122
5.07861	3.381112	5.156719	5.050606	5.228752	2.577531	4.426034	3.06	1.91173	5.062063
0.232732	0.232732	0.323226	0.496563	0.232732	0.232732	0.411121	0.232732	0.293357	0.232732
0.076739	0.076739	0.063073	0.243337	0.168875	0.965869	0.314073	0.116963	0.497184	0.413958
5.370606	6.028397	6.804025	5.226577	5.851606	6.291006	5.733437	3.481626	6.737782	6.354614
4.403508	3.751696	2.913883	4.059794	4.574145	3.823633	4.790592	2.105766	2.969457	4.825601
2.202753	2.94276	3.021539	2.713286	2.660123	3.370779	2.77319	1.754922	2.613345	2.844807
1.311146	0.871039	2.663734	2.448644	1.29231	1.640342	0.790204	0.380538	1.711207	1.523678
7.298939	6.844907	6.604623	7.412282	6.709098	6.708126	6.360321	5.463011	6.755326	7.017626
0.036611	0.054432	0.000439	0.072081	0.000439	0.157854	0.23978	0.000439	0.106875	0.054432
2.086359	2.729061	1.517547	3.245333	2.034856	1.287891	1.159455	0.341767	1.701737	2.113038
3.006324	2.533635	3.022564	2.767277	2.872598	2.149998	2.891712	1.379371	2.289651	2.741327
5.94757	5.934561	6.505367	5.98785	5.674755	6.228555	6.220637	2.952727	6.797781	5.801065
0.257504	4.051115	0.088916	0.312861	0.577327	0.78251	0.223143	0.268762	0.407015	0.223143
0.066732	0.381061	0.029325	0.927744	0.381061	0.249612	0.281169	0.066732	0.103075	0.543276
5.14038	5.99245	4.995361	5.114659	5.193265	4.027148	5.084545	2.187676	3.138704	4.974352
5.724569	6.114637	5.37636	5.615728	5.735244	7.152591	5.848579	3.272289	6.013467	6.284157
0.226039	0.504747	0.277062	0.616075	0.047036	0.010393	0.047036	0.010393	0.022728	0.034942
9.779771	8.801057	10.50556	9.166065	9.417599	8.493692	9.430359	6.7477	10.24381	9.476291
5.008645	4.907057	5.210575	5.025009	4.894335	4.025535	5.056758	3.553424	3.995708	5.088236
4.33871	1.772379	0.585312	3.693693	1.735249	0.401318	4.377886	1.052382	2.514462	2.366084
6.14719	5.675477	6.857533	6.718035	5.62282	5.90384	5.582033	3.006436	8.223105	6.098001
3.919933	4.488461	3.953945	4.961804	3.997661	3.536922	3.754425	1.95417	2.538895	3.69558
3.544562	4.521243	3.87605	4.055081	3.093529	3.613313	3.201468	1.83776	2.945006	3.198184
1.850173	0.938109	1.599709	1.748382	1.394742	1.022459	1.19526	1.13619	0.58495	1.263112
0.069963	0.860805	0.261271	0.006351	0.006351	0.146184	-0.0264	-0.0264	0.302444	0.146184
0.481115	5.280838	0.676692	2.086961	0.242961	1.537883	0.941047	0.107843	1.366315	0.733461
5.858097	5.392274	5.473763	5.681132	5.285308	4.755064	5.489239	2.543746	4.518462	5.116978
4.604814	6.22326	3.446307	5.719137	4.213174	3.840861	3.27898	3.477873	1.429285	5.269333
2.142334	2.082442	3.820625	1.748246	1.536538	0.412634	2.094956	0.233519	1.932015	1.405215
4.481258	5.237944	4.848748	5.308133	4.623724	5.111463	5.680877	2.592286	5.461623	5.204342
1.736888	0.447128	1.248908	2.193994	1.001895	0.33512	4.104598	0.323418	1.808945	2.252663
6.365731	6.29574	4.355562	6.355434	5.829988	5.779021	5.596748	3.735493	4.555239	6.404102
0.555675	0.232178	2.620347	0.385688	0.581369	0.239372	0.391851	-0.04998	2.262546	0.404063
3.262605	3.325687	3.690471	3.285121	3.19463	3.266833	3.508738	1.586876	3.600045	3.228657
1.611918	1.526654	2.230031	2.483942	1.427545	0.778927	1.987116	0.277112	0.305497	1.807333
0.32579	1.024322	0.669742	0.784988	0.417101	0.130366	0.841782	0.460268	0.107807	0.477108
4.292024	3.935257	4.795921	3.652399	5.165851	3.985513	5.767706	1.59912	4.591731	5.388079
6.140012	5.765779	5.246538	5.880239	6.351183	5.924751	6.215189	3.049623	5.381356	6.64183
0.560728	0.898481	0.877084	0.43527	0.5515	0.425093	0.394071	0.190383	0.51391	0.61475
7.191206	4.866629	3.921107	6.898335	5.813874	3.292942	6.926186	3.605244	4.329649	6.243446
5.646405	6.615091	6.963021	6.549005	7.601419	6.513418	6.910173	2.723984	5.980446	7.344021
0.609618	0.486028	0.819247	0.058726	0.329823	0.799086	0.377776	0.082656	0.707853	1.265155
2.839352	3.167603	2.806053	2.765721	3.122148	3.329115	2.797325	2.841225	3.075494	3.284975
2.246953	1.933227	1.879949	2.022583	2.544862	1.449701	2.544862	1.072475	1.576167	2.96861
2.827701	2.829002	2.962978	3.361675	2.614448	2.830302	2.094249	2.089429	2.132123	3.017527

4.369675	3.159255	3.780186	3.774914	4.400449	4.040374	4.52447	2.965443	2.903292	4.097748
2.35037	0.461386	1.946852	2.765865	1.791395	0.501176	2.39512	0.230064	0.844136	1.791395
3.429742	3.236578	3.051697	3.051697	3.943002	3.58524	4.640304	1.236414	1.992504	4.523148
4.328567	4.198069	3.745864	4.698781	3.797226	3.61809	3.718117	1.691477	2.838685	3.701122
8.892925	8.855367	10.20076	9.430349	9.384003	9.564993	8.73862	5.022748	10.83224	9.887803
4.688136	5.119069	4.324279	3.710704	4.775283	4.50743	4.578587	2.288581	4.094411	4.590428
4.3552	4.520397	3.750988	3.88961	3.80017	3.221582	3.904193	3.253537	1.835812	3.480381
6.622376	6.5031	6.671733	8.010768	8.701004	8.292106	6.895591	3.880504	7.309249	7.322293
4.022402	3.62738	4.291903	1.141237	5.272359	3.329887	5.088021	0.889165	2.627464	3.540585
3.936379	4.47376	2.761581	4.30319	4.167034	3.964843	4.28657	2.599227	2.559388	3.943011
0.550494	0.606572	0.955893	0.19447	1.303537	2.312306	0.670344	0.383287	1.778149	0.864253
3.424014	3.780184	2.326611	3.640694	3.363631	3.73569	3.731552	1.221873	2.637141	3.360109
4.16773	3.98231	4.514666	3.850658	4.21236	4.361129	4.343492	1.839967	3.728219	4.420576
3.64744	3.862486	3.402209	3.946185	3.600402	3.54421	3.551032	1.748193	2.568431	3.605421
1.544563	3.034494	1.819063	1.741286	2.101545	2.763905	2.207237	0.668928	1.423353	2.585325
3.854348	4.616283	2.735516	3.834371	3.676552	2.778449	3.402685	2.080804	1.997682	3.280507
1.957667	2.544071	1.645129	2.139343	2.150008	1.92418	2.523234	0.658442	1.603698	2.588829
3.416278	4.031695	1.367901	3.238155	3.719419	3.863491	3.719419	1.39475	2.839137	3.331576
4.248086	3.767809	4.219893	5.00624	4.696152	3.383394	2.595492	1.300867	6.719809	4.675279
3.596607	3.837904	4.543161	3.764598	3.822339	3.561225	3.698558	1.967749	4.351359	4.015452
1.643867	1.823308	1.397772	3.303888	1.388067	0.596389	1.747807	0.64021	0.587446	2.10513
4.739499	4.905071	5.054802	4.674551	4.827021	4.766333	4.802072	2.539218	4.527437	4.713089
4.800774	2.314767	5.224264	3.755817	3.156515	2.824059	2.063622	0.907493	2.612862	3.813318
5.197227	4.964923	4.987021	5.084798	5.065048	4.350093	5.18181	2.989371	4.063814	5.249045
4.911176	5.277181	4.552138	5.274028	5.046646	5.109212	5.167193	3.460672	4.539727	4.919489
5.693884	5.758273	4.254142	4.901406	5.398656	5.860009	6.080731	3.947375	3.858658	5.475005
5.801477	4.593146	4.480701	5.038991	5.232429	5.405385	4.520143	3.886017	4.446866	5.786652
4.779817	4.648631	6.027234	4.529681	4.82263	4.552376	4.863517	4.461145	5.66949	5.336079
4.467478	4.936918	3.582794	3.993967	6.941956	6.768092	4.832013	1.166518	7.911238	4.014753
5.386053	1.513127	5.107188	2.18627	6.931898	3.287636	6.141026	1.590142	1.99676	5.583528
3.751245	4.084511	4.463713	4.483714	3.52916	3.574634	3.637853	1.40208	3.347938	3.836854
4.925643	4.150326	5.63264	6.031431	5.536541	4.232326	6.687508	2.711192	3.670897	5.580417
3.207239	4.19714	2.159821	3.608124	3.105935	2.94387	3.248277	0.97207	1.65735	3.165849
2.77468	3.383343	3.073203	3.336699	2.715108	2.560528	2.822079	1.800823	2.41684	2.926788
2.60922	3.989261	2.621372	3.501553	2.316433	1.813841	2.490503	1.296193	2.554542	2.81614
2.103505	2.426993	2.848428	2.224289	2.344979	2.088618	1.272823	2.331965	4.170512	2.10619
0.333143	0.15341	0.246847	0.324804	0.397729	1.204241	0.201094	0.219618	1.497144	0.163109
6.012346	5.583054	5.29626	5.705568	5.705285	5.437068	6.018101	3.870579	4.912924	5.917368
4.796468	4.410313	5.378546	4.275695	4.819135	4.634343	4.930099	3.67306	4.082288	4.980289
5.965782	6.106233	5.053963	6.267368	6.097317	5.497305	6.321397	3.293932	4.665742	6.249878
0.025785	-0.02254	0.303652	-0.02254	0.035175	0.17443	0.141408	-0.02254	1.180905	0.025785
1.574187	2.422213	3.300639	0.539994	2.425895	2.160584	3.361819	0.076324	2.480975	3.549576
3.238556	3.480632	3.91441	3.082117	3.441429	3.407666	3.374056	1.849197	4.409546	3.27905
6.351969	3.032587	7.088046	4.605269	4.891841	1.524824	4.460236	4.04158	1.909202	6.239728
2.13797	2.448408	2.54041	2.030655	1.747585	1.860195	1.901015	1.035457	1.940489	2.252397
4.008913	4.040166	2.547223	4.231334	3.869187	3.381724	4.356507	4.154555	1.768198	3.783633
7.282288	7.088722	6.633617	7.474748	7.342521	6.531191	7.246145	4.168266	5.70448	7.093301

3.466468	3.93076	3.114899	4.123452	3.561034	3.037193	3.774163	1.318165	1.803055	3.984728
0.591152	0.526378	0.653461	0.713488	0.330079	0.701657	0.805178	0.458939	0.713488	0.526378
4.746442	5.10135	4.589691	4.947502	4.540998	5.420808	4.685219	2.703879	4.799026	4.943351
4.594816	4.928195	3.2068	4.891019	4.535261	4.005755	4.530288	2.115616	2.308814	4.517062
3.582581	2.993624	0.738866	1.739375	2.911872	7.67789	1.963575	2.314252	5.558291	3.607105
1.790549	2.964662	2.038443	1.688872	2.017218	1.178195	1.364827	0.577806	1.226393	1.841382
0.085011	1.141908	0.203988	0.071166	0.139101	0.448599	0.057188	0.057188	0.178381	0.152313
5.877368	5.861135	6.512305	5.810908	5.432947	5.225277	5.411996	3.597873	5.025179	5.635805
3.107237	4.155413	5.530529	4.214973	3.847882	3.644321	2.452175	3.516837	6.265235	2.831537
6.238305	6.803576	6.820644	6.814261	6.513459	6.214535	6.571168	3.792997	5.658629	7.233667
5.838867	6.420935	5.668459	5.902025	6.133243	5.599643	5.982011	3.517252	4.799555	6.353905
3.231003	3.49347	3.720127	3.811457	2.83544	3.667477	2.477566	2.825206	5.212818	2.852099
3.93652	3.584845	2.960687	3.941086	3.735448	2.733527	3.973241	2.816293	1.849749	3.384837
3.441699	4.031878	3.769755	2.816611	3.192889	3.477747	4.00045	2.97718	3.456237	3.458645
0.443425	0.148255	1.748939	0.049712	0.148255	0.272447	0.659497	0.049712	0.194822	0.809426
-0.04705	1.308209	-0.06879	3.174742	0.310947	3.137363	0.229215	-0.07981	4.62067	0.045981
2.035287	2.052535	1.626031	4.505749	2.014299	0.29133	2.49949	0.266498	0.175883	3.172398
0.787124	0.121259	2.004874	0.976952	0.502072	1.122786	0.989446	3.809873	2.905167	1.198422
6.254334	6.267402	7.37537	6.440796	6.580841	5.948128	6.815878	5.957421	6.362926	7.260762
3.262692	3.256774	3.889926	2.989957	3.265639	3.304644	3.149931	2.222103	3.852495	3.333331
4.411448	5.966413	4.078949	5.003859	4.719129	5.391608	4.586226	3.955741	4.118399	4.74492
3.953052	4.214259	3.593005	4.040388	3.679433	3.789141	3.784111	2.28893	2.68338	3.947679
4.484197	2.685501	3.892686	2.916938	3.332539	2.945083	3.807607	1.618726	2.453442	3.528526
5.29313	4.710757	3.348707	3.892701	4.248295	4.386211	4.121222	2.637389	3.040777	4.974386
4.879507	4.338044	4.801162	4.442083	6.186348	5.360584	4.076963	2.399574	4.485325	4.9061
2.946946	5.861486	3.195881	4.896894	6.207308	4.692673	6.239254	2.264998	2.758873	6.261525
2.693731	3.315758	2.336616	2.792332	2.728202	2.346825	2.795693	1.134907	1.86928	2.70291

CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI
0.614994	0.824115	0.760722	1.602659	1.797993	0.862247	0.776857	0.596745	1.157481	1.36829
1.497202	1.07223	1.576168	1.281607	1.754225	1.534592	2.22492	2.09878	1.275308	1.964432
5.80733	5.802466	5.813396	6.001418	5.53731	5.973734	5.880465	5.991011	5.816985	5.486451
4.450125	3.29902	4.010833	1.792844	2.810833	4.436536	5.810575	5.792302	3.846811	5.119103
1.607252	1.611925	1.559557	1.031582	1.510013	0.807344	1.630449	0.556693	1.960811	1.765568
6.813924	6.871464	7.150073	6.78941	6.869378	6.92453	6.692568	6.95186	6.718674	6.904181
5.909979	5.752569	6.539599	6.515963	5.935923	6.433243	6.148278	6.395064	5.857009	6.606655
2.103797	1.914598	1.550979	1.064942	0.48763	0.604026	2.19007	1.113087	1.664445	0.673496
0.009871	0.009871	0.009871	0.009871	0.071566	0.009871	0.141834	0.059466	0.071566	0.009871
5.3722	5.607658	5.793098	5.482347	5.501972	5.606938	5.490109	5.474383	5.842441	5.992241
4.520771	4.625977	4.58385	4.56584	4.558594	4.654851	4.454817	4.992762	4.5914	4.532166
3.735573	3.651737	3.787586	3.305385	3.642432	3.15935	3.879545	3.007783	3.93758	4.060087
1.821658	1.510131	1.337813	2.592598	2.809319	2.849829	2.596976	2.583792	2.376193	1.990779
3.256538	2.968138	3.502938	3.265192	1.897845	3.330568	3.6179	3.639963	3.773139	5.745978
5.674659	6.012985	5.43111	5.961625	6.587084	5.831853	5.307208	4.743611	5.722755	6.130689
3.473439	3.847432	3.836291	3.944992	3.618955	3.939192	3.532333	3.373662	3.800506	3.993755
1.404843	0.936776	1.27909	1.571173	1.177391	1.984338	1.689	1.265734	1.52909	1.945037
7.902337	7.916743	7.886542	8.14653	8.302116	8.363048	8.175449	8.555841	7.498181	8.033248
5.30719	5.782208	6.05948	5.605799	5.731372	4.761159	5.721377	3.551348	5.865474	6.076497
4.183121	4.243291	4.473996	4.484772	4.539473	4.045448	4.397962	3.941261	4.72533	4.682172
3.508115	3.654951	3.53162	3.699538	3.55053	3.528296	3.425901	3.25485	4.069921	3.609091
3.701455	3.709511	3.758764	4.387508	4.965574	4.365763	4.109217	3.628584	3.790438	3.825199
2.988833	3.317701	3.335208	3.194256	3.203582	3.143854	2.919322	2.881928	2.977328	3.232192
0.232955	0.216702	0.113818	0.264762	0.166457	0.411361	0.131645	0.540772	0.28803	1.197834
3.645134	3.698408	3.732772	3.521871	3.762928	3.579993	3.822261	3.666128	3.662773	3.927923
3.322523	3.170786	4.207526	4.324933	3.842282	3.900562	4.020667	2.743705	3.427851	5.046589
1.10173	0.912277	1.085091	0.385874	1.166243	0.918633	1.237689	1.05688	0.893022	1.237689
5.184008	5.427632	5.320966	5.207837	5.642585	5.149186	5.449568	4.977554	6.124288	5.615744
4.121465	3.592381	3.205638	2.643318	2.202492	2.382855	3.745575	2.86787	3.645508	2.65522
4.160917	4.488316	4.60925	4.289699	4.420967	4.404089	4.41274	4.253724	4.264478	4.45775
1.68948	0.807335	1.662567	2.232346	2.308772	2.116495	1.957149	2.067743	2.246844	3.096753
5.406375	5.53125	5.604638	5.507328	5.416918	5.533122	5.457565	5.388608	5.793227	5.277151
5.598381	5.243823	5.132464	5.647507	5.721369	5.480246	5.761824	5.217395	6.094227	4.634239
2.60791	2.737453	2.940238	2.831294	3.189905	2.86996	2.779136	2.397794	3.634445	3.226049
3.219355	3.189993	3.187943	2.03257	2.069829	2.030048	3.864476	2.300087	3.779946	4.607532
2.477799	2.528728	2.591235	2.642953	2.959969	2.486451	2.715404	1.972516	2.836563	3.229785
5.460465	5.507573	5.416628	5.213089	5.223627	5.25662	5.256757	5.494194	5.456915	5.122942
4.132037	3.773028	4.14833	3.968954	3.784544	3.76528	3.917024	4.410632	3.837273	4.308318
4.629613	4.370773	4.698673	4.854276	4.559651	4.952373	4.985074	4.739245	4.421947	5.259516
0.150289	0.063859	0.107686	0.122019	0.122019	0.205304	0.191735	0.048966	0.122019	0.371532
0.191825	0.917234	0.547975	0.731182	0.495508	0.555286	0.357593	0.131035	0.416321	0.259048
3.060678	2.83175	2.83859	1.999761	2.268798	2.13788	2.960725	2.468628	2.90373	3.029406
2.001619	0.935821	2.25192	2.056122	2.023247	2.431571	2.479389	2.562055	2.33334	3.068272
1.491901	1.887761	1.386806	2.796942	1.871201	2.314222	1.684934	1.6419	1.603217	1.707227
1.75601	1.343797	1.112035	0.622633	0.370187	0.915178	1.481707	1.463465	1.892453	0.546791

10.11067	9.746006	9.916469	10.17507	10.13485	10.76137	10.20611	11.02815	10.19376	11.93415
6.979924	6.650854	6.494019	6.622381	6.336132	6.237601	6.411848	6.454878	6.544539	5.978383
3.894894	4.216308	4.51971	3.905466	3.861384	3.912277	4.106017	4.05133	4.495729	4.359265
0.435384	1.182977	0.663276	0.578826	0.782144	0.558422	0.644333	0.280166	1.349363	1.67129
1.416931	1.263106	1.607401	1.183475	1.083486	1.010079	1.976255	1.051309	1.497287	1.527068
0.413239	0.757108	0.496544	0.895566	0.361552	0.708614	0.441717	1.110061	0.224837	0.634549
2.39672	2.569372	2.756235	2.121302	2.636473	2.134435	2.38442	1.933869	2.68415	2.819633
4.791996	4.883677	4.728688	4.761245	4.740326	4.720988	4.778661	4.666606	4.968129	4.342708
4.425763	4.502656	4.594472	4.580746	4.510031	4.691915	4.327201	4.820453	4.613396	4.521095
0.117024	0.029448	0.199777	0.213137	0.226379	0.412166	0.213137	0.340583	0.029448	0.52438
0.157496	0.325012	0.43702	0.919122	0.210224	1.076236	0.293309	0.210224	1.316111	2.177146
7.208901	7.434609	6.692845	7.539977	8.118503	7.849098	6.753383	7.774704	7.91094	7.695971
8.947113	9.062968	9.16465	9.206211	9.099022	9.029107	8.797921	8.876212	9.130335	8.742881
4.128891	4.586723	4.184424	3.889907	4.549007	4.172384	4.205064	3.856963	4.065853	4.031474
1.57345	1.666124	2.746546	2.920958	1.716082	2.153534	2.502972	1.695514	1.683005	3.913524
5.346812	5.117346	4.796453	4.685774	4.193197	4.949685	5.050337	5.604761	4.720263	4.821341
1.517099	0.911487	1.582966	0.884566	1.758936	0.945209	3.038215	2.316667	2.441506	2.171665
4.174306	3.836949	3.96493	3.543344	3.450708	3.458837	3.919259	3.295835	3.799045	3.932149
1.925819	1.141422	1.773955	1.015656	0.35499	1.092153	1.277247	1.338013	0.889925	2.568883
8.277975	8.036803	7.735068	8.132788	6.195161	9.365742	8.565639	9.767271	7.827923	7.141428
3.945758	3.630297	3.963345	3.995222	3.773255	3.286302	4.150285	2.948783	3.95735	4.193688
4.18875	4.180537	4.123227	4.225377	4.372407	4.029267	4.289715	3.809194	4.498798	4.670819
0.610816	0.796919	1.132531	0.683815	0.639492	0.66741	0.955132	1.904272	1.311738	0.741878
5.545338	5.627841	5.774862	5.835903	5.625071	5.669609	5.355239	5.645822	6.00474	5.610393
4.443769	4.394636	4.24135	3.953362	4.098144	3.628293	4.22761	3.583097	4.328342	4.25871
2.275007	1.36473	2.38041	2.739573	2.726957	2.609948	2.813831	2.177672	2.578859	3.59589
2.658738	3.015841	3.157434	2.021636	2.938719	2.982762	2.78764	2.940518	2.763344	3.009142
5.715881	5.36923	4.998487	4.127675	3.730137	4.327396	5.307886	5.197111	5.396804	4.4521
5.099315	5.12721	4.939966	3.588086	3.587507	4.304334	4.793913	5.880272	4.739428	4.11398
6.361592	4.294694	3.439629	2.975001	1.338295	5.267459	3.871671	6.603043	4.447377	5.65875
2.186151	2.073431	1.821498	3.263587	2.93999	3.429932	2.747337	3.336265	2.399354	2.360675
2.75319	2.799443	3.771993	4.115078	3.64307	3.491717	3.596866	2.554451	3.522699	4.068062
3.033182	3.161719	3.219976	2.717793	3.430381	2.868801	3.623055	2.464847	3.714882	3.612091
3.99572	4.109917	3.844406	3.787179	3.693815	3.505894	3.855795	3.11972	4.157625	3.848216
2.436449	2.680068	2.797919	2.834916	2.780379	2.712095	2.599533	2.186712	2.183539	2.921156
3.860289	3.92033	4.065163	3.997694	4.162314	4.239383	4.010458	4.376945	4.331423	3.977228
7.330181	7.285859	7.073627	7.394232	7.247898	7.490594	7.341627	7.89813	7.306554	7.082868
1.52344	1.589492	1.251274	1.10159	1.477358	0.832386	1.847775	0.87899	1.960719	0.97431
5.046143	5.088869	5.24495	5.17862	5.434963	5.108051	5.103345	5.478438	5.052944	5.272532
0.677524	0.488476	0.308656	0.298472	0.16964	0.548956	0.65436	1.030859	0.669848	0.598661
3.750156	4.005132	4.16103	4.115115	4.092123	3.647659	3.959752	3.280837	4.220417	4.120028
1.731535	2.265345	2.899276	3.11253	3.053667	2.690476	2.968431	2.814596	0.358132	2.242158
2.189628	2.05797	2.784068	2.959139	2.572753	1.796776	2.25029	1.545124	2.262054	2.891399
2.727001	2.907463	3.176717	2.708149	2.73321	3.000724	2.833412	3.062531	2.886334	3.140504
4.536387	4.314959	5.66623	5.977991	3.487168	5.598687	3.879692	5.043829	3.899328	6.998575
0.182878	0.219932	0.279556	0.279556	0.883833	0.898802	1.105756	0.347857	0.207691	4.308322
2.600457	1.460724	2.398312	2.168425	2.617441	3.064855	2.823276	3.428744	2.305128	2.957966

0.391334	0.348621	0.228925	0.319511	0.181671	0.743806	0.304758	0.551804	0.228925	1.287441
2.974409	2.804039	3.620851	3.999936	4.128546	4.130928	3.754479	3.953396	3.967899	5.756885
1.55644	2.191005	2.231982	1.962085	2.319423	1.791541	2.231982	1.943723	2.624514	2.013929
4.070687	4.128049	4.130181	3.788021	3.985291	3.503828	3.952322	3.612437	3.708955	3.628556
3.059948	3.049333	2.518232	2.322365	3.131413	3.033625	2.894063	3.334017	2.618958	3.028616
6.35001	6.816764	7.269873	8.232403	7.085282	7.157446	7.058916	6.911315	6.216181	7.08999
2.676275	1.374673	2.021939	2.548163	2.399443	2.607577	3.148492	3.550735	2.812259	2.861848
7.601389	7.272389	6.806018	7.262488	7.782691	7.517194	6.492825	6.459021	6.733214	5.712243
2.777716	1.994196	3.275476	2.25738	2.314276	3.339849	3.302509	3.582551	2.610823	5.705746
2.221034	2.30809	2.401677	2.107655	2.296692	2.151178	2.405567	2.055139	2.482946	1.917503
3.566652	3.84337	4.004026	3.841285	3.715404	3.925648	3.78234	3.589168	3.800897	4.485574
0.072671	0.251488	0.072671	0.386431	0.237337	0.072671	0.134556	0.072671	0.265514	0.722924
8.562748	8.66774	8.529933	8.540518	8.381725	8.33693	8.165596	8.694931	8.062415	7.835889
4.918459	5.135758	4.923824	4.856371	5.203435	4.788674	4.683414	4.636362	4.803408	4.825154
2.646117	3.186531	3.070991	2.696504	3.51775	3.329449	3.174064	2.974925	2.789547	3.583254
1.245503	0.724885	0.690172	0.901441	1.11038	0.847706	1.280142	1.030607	1.116822	1.373758
4.974616	5.073503	4.620918	4.743698	4.905784	4.555389	4.47209	4.265154	4.649223	5.222872
1.74161	1.039286	2.40484	2.272127	1.249555	2.340015	2.183371	2.035128	1.627012	3.986227
3.537187	2.971498	3.371581	2.476215	2.100684	2.421754	3.152166	2.715039	3.303726	3.359634
3.213988	3.418181	3.559295	3.58018	3.527641	3.226643	3.398066	2.88663	3.447142	3.812417
0.252603	0.301226	0.272287	0.059361	0.242639	0.105048	0.28201	0.08242	0.357108	0.181072
0.040664	0.029523	0.062618	0.073436	0.029523	0.029523	0.08415	0.029523	0.224284	0.08415
3.961232	4.116838	5.3439	5.026768	5.221614	4.459703	3.813845	3.517379	4.281875	3.577167
3.258337	3.819446	4.421786	5.228014	4.605184	4.862887	3.831711	3.780149	2.203719	4.463465
3.568443	3.280161	3.107992	3.457723	5.123955	4.331768	4.373795	3.218412	3.216154	4.107763
3.069449	3.270931	3.514749	3.28574	3.437624	3.144573	3.320716	2.965944	3.309981	3.472235
4.095898	4.202418	4.071	4.217854	3.972314	4.396651	4.208383	4.292772	4.254872	4.528788
6.923902	7.091128	7.300544	7.257323	7.353595	7.579089	7.209441	7.444062	7.366551	6.825558
0.044819	0.095807	0.168791	0.156902	0.01857	0.01857	0.203829	0.083243	0.203829	0.156902
0.432613	0.685158	0.289066	0.498663	0.530428	0.671217	0.664188	0.169484	0.62844	0.569036
3.592159	3.567569	3.841098	3.673879	3.759527	3.474802	3.759975	3.362355	3.451457	3.864078
7.353348	7.274314	6.778987	6.171165	7.031724	6.680355	6.929421	7.760302	7.391918	6.897885
0.181482	0.067027	0.048193	0.048193	0.147642	0.112614	0.130282	0.038641	0.299051	0.085513
1.341045	1.107848	1.427908	0.458008	2.334028	0.975056	3.461281	0.480124	0.911787	3.749071
4.696216	4.610519	4.754636	4.788372	4.548	4.495137	4.435274	4.12721	4.640378	5.071993
5.845482	5.637151	5.577899	5.546108	5.354885	5.651661	5.830441	6.122959	5.655169	5.24612
5.635835	5.512818	5.334448	5.129931	5.388581	5.064147	5.239073	5.146757	5.169877	5.051222
5.038511	4.823014	4.627174	5.379435	4.949123	5.511284	4.811958	5.023144	4.812592	4.67167
4.364279	4.424539	4.880032	4.917189	4.602993	4.461618	4.438601	3.872091	4.719109	5.376935
1.226673	0.658579	1.490521	1.244066	1.028805	1.720285	1.904072	1.865427	1.241187	2.103329
4.047658	4.634116	4.670396	3.631595	5.705952	5.220852	6.275967	5.032732	4.904438	8.141598
0.182386	0.057235	0.077465	0.004922	0.004922	0.004922	0.067398	0.036615	0.046974	0.004922
4.933087	5.856498	5.927416	5.206725	5.887832	5.465942	6.643451	5.73438	5.921728	6.965526
4.378898	4.426331	4.610056	4.859297	4.449583	4.407051	4.454167	4.125944	4.422926	4.472786
4.720386	4.761979	5.2828	5.526361	5.244156	5.055146	5.026946	4.555197	5.224028	5.428685
3.607717	3.656708	3.832611	3.551919	3.628556	3.006332	3.470754	2.835527	3.314645	3.542884
4.631469	4.474621	4.949226	4.599036	4.71799	5.196166	4.780774	5.320513	4.616428	4.981624

1.731599	1.609495	2.725905	2.497503	2.001598	2.536174	1.441961	1.629994	3.140311	2.744783
0.999739	0.765982	0.180874	0.232011	0.025018	0.001022	0.492355	0.180874	0.840962	0.001022
4.191564	4.388049	4.770028	4.557574	3.353239	3.617229	3.749172	2.766283	3.221108	5.323975
0.232732	0.263195	0.232732	0.232732	0.232732	0.496563	0.382102	0.232732	0.293357	0.232732
0.466545	0.336887	0.290885	0.314073	0.143157	0.143157	0.445744	0.130121	0.507251	0.325526
5.815908	6.119988	6.318376	6.150627	6.270036	6.602149	6.332912	6.297959	6.059489	5.693267
4.756668	4.770715	4.44929	5.231079	5.22287	4.516748	4.588899	4.236716	4.244637	4.286716
2.791202	2.784802	2.770594	2.354791	2.958297	2.521712	3.122259	2.503781	2.972537	2.775781
1.407293	1.486015	0.995619	1.260303	1.738517	1.491462	1.435951	2.049939	1.087429	1.808689
6.956196	6.537281	6.77485	6.779905	6.739381	6.909705	7.227164	6.87711	7.159977	8.028048
0.106875	0.054432	0.072081	0.54862	0.000439	0.072081	0.393369	0.054432	0.207449	0.255733
1.626724	0.82907	1.694198	1.978993	1.370701	1.895132	2.262954	1.676413	1.961096	2.957586
2.60356	2.921314	2.731323	2.953129	3.263287	2.955367	2.82582	2.583882	2.699808	2.907392
5.701189	5.661959	6.026667	7.224247	6.648802	7.291159	6.523833	6.781738	6.003546	6.731024
1.080729	0.559451	0.417074	0.466256	0.279925	0.290995	0.504325	0.199729	0.33437	0.65491
0.206286	0.238917	0.195222	0.066732	0.126742	0.029325	0.114963	0.016609	0.428225	0.361698
4.608168	5.091279	5.052745	4.561721	5.257879	4.336361	4.804385	3.868006	5.305726	5.417932
6.449218	6.388048	6.034048	5.907252	5.849655	5.652387	6.265243	6.039019	6.356481	5.850059
0.047036	0.022728	0.047036	0.022728	0.1058	0.022728	0.034942	0.022728	0.267024	0.267024
8.893426	9.137071	9.276985	8.913279	9.025585	9.214897	8.940659	9.421187	9.389578	9.341556
4.489316	4.701599	5.144921	5.132469	4.886841	4.911788	4.699673	4.628892	4.923523	4.840434
2.024787	1.70139	2.09106	1.60837	5.735594	3.601995	4.851085	4.323891	2.14189	3.561083
5.538044	5.701563	6.752603	6.876421	5.541885	6.927906	6.198246	7.32376	5.229469	6.687869
3.704795	4.252442	4.006192	3.492169	4.0136	3.596404	3.700552	3.303906	4.049887	4.126544
3.744996	3.521187	3.082609	3.316504	3.977043	3.25167	3.498132	3.236957	3.81933	3.170421
1.255335	0.932948	1.308693	1.727922	1.041434	1.64221	1.500239	1.297467	1.170316	1.394742
0.069963	0.054288	-0.0264	-0.0264	0.204728	-0.0264	0.494207	-0.0264	0.381837	0.069963
1.22657	0.832217	0.724149	0.647473	1.011975	0.980869	1.101567	0.980869	0.676692	0.724149
4.667099	4.895886	5.161864	4.918638	5.621181	5.237618	5.361693	5.101776	5.519372	5.710751
3.706114	3.750269	4.045081	4.130152	3.66322	3.859104	4.140433	2.962553	4.783966	5.034937
0.873826	1.718007	2.11222	1.742975	1.76562	2.47933	1.728783	1.965076	1.390346	1.879534
5.116336	5.146009	4.763572	4.876915	5.155188	4.684699	4.919326	5.199273	4.945927	4.752832
1.261112	2.106223	1.127426	0.806828	4.937912	3.427623	3.497369	2.671476	1.437991	1.908689
6.046574	5.798199	5.570915	5.811315	4.984756	5.571176	5.564106	5.258069	5.778582	6.002328
0.550455	0.921413	0.761713	0.939236	0.224932	0.774314	0.246514	1.938582	0.334951	0.315233
3.320208	3.356015	3.391493	3.28201	3.215409	3.218184	3.308145	3.336556	3.342434	3.234124
0.733886	1.77458	1.160208	1.1228	1.3709	1.07928	0.659524	1.20982	1.994055	1.812706
0.557923	0.975736	1.144989	0.784988	1.173344	0.42586	0.953491	0.335241	0.841782	1.550685
4.775258	5.047511	5.346543	4.697316	5.152886	4.683079	4.225278	4.227667	4.862484	5.03705
6.49941	5.85332	6.156335	6.825904	6.067737	6.591582	6.131979	6.620962	6.425745	6.630847
0.578989	0.31864	0.61475	0.532842	0.542205	0.48498	0.523411	0.658099	0.666597	0.82573
4.337893	5.118861	5.040323	4.123838	5.428554	5.046131	6.936552	5.057672	4.593009	8.059125
7.276082	7.278773	6.35523	7.175985	7.891906	7.602582	6.982644	7.210573	7.458266	6.605103
0.329823	0.228165	0.736624	0.40571	0.238702	0.396466	0.259519	0.640655	0.553424	0.825897
3.188963	2.97166	3.026778	3.250669	3.060261	2.791468	3.319457	2.650713	3.168993	3.186914
2.015046	1.426431	2.868604	2.506154	1.854625	2.638185	2.066938	2.106344	2.272138	3.075414
2.844509	2.598782	2.503631	3.420985	2.785291	2.975701	2.631447	3.076058	3.25456	3.272643

4.210742	4.310057	4.266296	4.938038	4.690384	5.151619	4.052062	4.198577	3.559218	3.761638
1.091038	2.658589	1.401403	0.622745	2.815545	2.56231	3.626107	1.46405	1.134089	3.998593
3.54287	3.452206	3.337574	4.873437	4.158648	4.668347	4.425978	3.678203	3.37522	4.034979
3.562446	3.553324	3.586826	3.398891	4.095902	3.371387	3.785668	3.234679	4.197346	3.914028
9.105685	9.152296	9.261769	9.010095	9.214566	9.566762	9.286021	10.14649	9.469956	9.726655
4.276709	4.816775	4.710142	5.159201	5.542091	5.122808	4.58393	4.5612	4.933954	4.321316
3.83664	2.026517	4.182879	4.723979	4.004654	4.288812	4.695166	3.182241	4.235816	5.248259
9.221912	8.46398	8.051021	7.84145	8.5336	8.742752	8.037161	8.91915	7.562358	7.553991
4.322058	4.82535	4.452441	4.258699	4.444983	4.359785	4.217968	4.08403	4.193065	2.851959
3.989447	3.920193	3.810559	4.0026	4.225779	3.120667	3.705023	2.661571	3.949056	3.990504
1.799005	2.005862	1.466706	1.077039	0.947867	0.690817	1.51134	1.62231	1.16662	1.126167
3.319347	3.547276	3.447022	3.437222	3.409517	3.066703	3.411761	2.618405	3.597366	3.37413
4.377683	4.268955	4.247148	4.450261	4.247148	4.245161	4.370706	4.287967	4.672392	3.947055
3.410072	3.554049	3.5808	3.60399	3.643317	3.332274	3.675167	3.081057	3.62875	3.518788
2.71996	2.218409	2.330667	1.868167	2.642299	1.871168	2.058976	2.218409	2.640753	2.617321
3.077032	3.104019	3.288144	3.672159	3.410947	3.443432	3.817948	2.892257	3.461977	4.356403
1.913663	2.187559	2.239594	2.154246	2.141484	1.691539	2.39578	1.4074	2.082112	2.111106
4.06084	3.428044	3.071679	3.111709	2.739485	3.227824	3.900256	3.361855	3.702461	3.41923
1.920104	2.860095	3.369911	1.86354	2.165208	5.018834	4.695935	4.796627	5.842291	3.908834
3.579841	3.945388	3.833737	3.849715	3.883199	3.924358	3.601132	4.155468	3.95071	3.860227
1.177151	1.199838	1.281577	0.771331	1.130564	0.993188	0.953079	0.832278	1.968659	2.093811
4.740197	4.935505	4.874043	4.923677	4.86286	4.865719	4.750369	4.717859	4.590321	4.568332
2.596034	2.369231	3.713197	2.730262	1.836572	3.128234	3.406282	2.72	2.395663	4.431617
4.77734	4.782125	5.297881	5.051101	5.124474	5.227131	4.980112	4.912783	4.994479	5.187221
5.372158	5.026614	5.19927	5.147015	5.371935	4.930042	5.126752	4.975098	4.620022	5.053148
5.700185	5.565871	5.739342	5.635132	5.764189	4.969656	5.645235	4.253303	6.041061	5.513693
5.715734	4.981532	4.515766	5.600008	5.176957	5.530336	5.307627	5.495729	5.545015	5.588828
4.789158	4.868063	4.977722	4.90592	4.932686	4.82783	4.468173	5.176356	4.971583	4.781297
7.914831	6.50672	4.954652	4.277	5.693994	7.595076	5.553213	9.065856	5.81591	6.852892
5.494002	5.863599	6.169441	5.514414	6.723768	4.830937	5.325502	3.366197	5.443529	6.388729
3.424431	3.486379	3.55491	3.535938	3.966019	3.68193	3.578968	3.234537	4.357627	3.343898
5.710417	6.067409	5.316061	5.12045	6.039532	5.404541	5.200727	5.795887	5.100646	5.877836
3.252871	2.865188	2.992874	3.273309	3.149601	2.64758	3.159628	1.944655	2.958952	3.115068
2.700754	2.780471	3.088054	3.067208	2.938605	2.84598	2.931867	2.899317	2.795776	2.770802
2.435259	2.184423	2.180052	2.874981	1.940812	3.300754	2.128603	3.260791	2.180052	3.465649
2.481617	1.642225	2.110205	2.524533	1.810898	2.868654	2.428991	3.277938	2.152145	2.570225
0.451363	0.123803	0.53777	0.307939	0.072666	0.228767	2.192505	0.662353	0.565164	-0.0143
5.427966	5.566422	5.69916	5.520633	5.727337	5.170454	5.592778	4.851287	5.907875	6.065798
4.832164	4.722612	4.914388	5.217057	5.067046	5.268083	5.141216	5.332375	4.755656	4.681634
5.732807	5.735928	6.082855	6.092406	5.861911	5.885405	5.840905	5.426711	5.979318	6.358799
0.221986	0.016306	0.089715	-0.02254	0.166277	0.274728	0.035175	0.071866	0.237344	0.244935
2.001783	2.392335	3.884786	5.31383	0.521862	1.571674	3.591185	1.543669	1.846701	3.573131
3.432783	3.584568	3.62179	3.273259	3.561343	3.3793	3.558607	3.581359	3.430921	3.260844
3.734482	3.496734	5.247811	4.700305	5.116288	5.277569	5.651515	4.063109	3.481445	5.837661
1.784577	2.034885	1.898652	2.297307	1.99409	2.062016	2.043298	2.036993	2.134091	1.593119
3.880358	3.723756	3.686031	3.935986	3.588332	3.519056	3.74687	3.453171	3.540347	4.10167
6.855572	7.064823	7.118375	7.067744	7.268329	6.980327	6.871584	6.841859	7.134949	7.188788

3.195779	3.240425	3.654843	2.872391	3.281872	2.546296	3.221506	2.001356	3.469027	3.970039
0.472651	0.565549	0.402915	0.472651	0.315115	0.628821	0.374168	0.431167	0.253854	0.417102
5.056316	4.95551	4.964413	4.769445	4.676614	4.522853	5.119545	4.622678	5.178602	5.044233
4.176969	4.112163	4.576792	4.500867	4.702498	4.381775	4.633626	3.414651	4.444291	4.712022
6.260888	5.462908	4.697652	2.755908	1.13103	2.150098	5.742363	3.087857	5.527662	1.977524
1.505332	1.81624	2.338485	2.462115	2.195715	1.770905	1.904929	2.247461	1.760959	2.193412
0.278196	0.152313	0.448599	0.112308	0.191241	0.480396	0.730123	0.427005	0.416086	0.459276
5.295919	5.286448	5.319527	5.017185	5.947365	5.00566	5.414109	5.187154	5.985225	6.06352
3.678002	3.005558	3.434999	3.881645	2.533249	5.210196	3.823175	5.468201	4.068153	5.25741
6.330353	6.27518	6.470461	6.783878	6.372744	6.589439	6.331257	6.045977	6.384155	6.662155
5.939728	6.025072	6.514775	6.313321	5.36537	6.313738	5.839081	5.89453	6.122727	5.869862
3.564245	3.187011	3.02485	2.730268	3.3712	2.913719	3.236451	3.855875	3.432131	3.148056
3.46062	3.366647	3.686313	3.746468	3.834076	3.477269	3.792933	3.111291	3.785036	3.801638
3.619168	3.464644	3.649664	3.172101	3.376764	2.954402	3.48248	3.106104	3.558191	3.315167
0.17175	0.08756	0.335432	2.246416	2.16807	1.620432	0.751543	0.736655	0.809426	0.751543
2.411203	2.395809	1.544489	0.168343	0.295058	0.532747	2.520532	2.224889	1.508789	-0.12499
1.083496	1.667447	1.306778	1.13114	1.923239	0.618403	0.937524	0.442671	2.46942	3.373055
0.726994	0.233927	0.464457	0.438722	-0.02166	1.073505	0.862955	1.212312	0.916893	2.32822
6.210743	6.473247	6.730507	7.296295	6.437255	7.20687	6.117162	6.885816	6.560092	6.412397
3.341582	3.376615	3.647693	3.141694	3.315229	3.500927	3.277346	3.568856	3.563868	3.506219
5.107986	5.031055	4.603905	4.493384	4.771356	4.924494	4.99286	4.794786	4.958508	4.536496
3.850051	3.85595	3.816992	3.834554	3.923703	3.590731	4.046285	3.431105	4.066665	3.919837
3.120677	3.961475	4.111698	3.576421	4.532422	3.530053	3.835494	3.365542	3.661215	2.595098
4.018448	4.059964	3.728081	4.595779	4.185002	3.550157	4.241344	3.339801	4.701484	4.822364
5.764892	6.252314	4.670468	4.710321	6.080275	5.771043	5.432826	4.779997	5.472009	3.008035
5.460168	5.209107	5.517315	5.798804	4.248918	5.60754	5.381467	4.240029	4.550483	5.881568
2.66193	2.835226	2.825477	2.695573	2.775371	2.408535	2.782188	2.284077	2.398895	2.566739

CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI
1.315988	0.440909	0.322023	0.355552	1.157481	1.018082	0.240398	1.139316	2.047223	0.191389
2.27622	1.772218	0.603797	1.436409	1.560718	1.621549	0.444284	1.660721	1.76325	0.172814
5.595608	6.344654	2.783116	5.605193	5.67598	5.732629	2.589598	6.274754	5.768738	2.851154
2.43294	6.490402	0.098562	4.950867	4.179152	3.259384	0.013137	4.626851	4.745466	-0.25625
1.554688	0.83334	0.608867	1.583627	1.337181	1.782006	0.545997	0.971426	1.65774	0.668788
6.95186	7.050568	4.247756	6.870769	7.058821	6.692734	4.494794	7.270464	7.017807	4.957794
5.717745	6.190247	4.080632	6.015986	5.823196	6.148278	4.311214	6.459584	6.450003	4.58404
0.254676	2.022131	0.398252	1.596376	1.334806	0.767687	0.126684	0.835063	0.880133	0.227559
0.009871	0.071566	0.175555	0.009871	0.009871	0.197547	0.164415	0.071566	0.370478	0.009871
5.636264	5.692577	2.24544	5.633349	5.730053	5.237029	2.66576	5.267959	5.587284	2.631644
4.595033	5.069668	2.767835	4.536534	4.669765	4.434858	2.645584	4.775631	4.550284	3.024033
3.546858	3.035607	1.220853	3.290078	3.740715	3.615957	1.106971	3.956737	4.159304	1.84164
1.925023	2.620051	0.634463	2.832131	1.890689	2.649654	0.634463	2.711972	2.523308	0.626504
2.347084	3.72888	0.652331	3.409335	2.783904	3.596708	1.008713	4.574515	3.674412	1.256983
6.100343	4.410989	4.297929	5.775283	6.101481	5.918575	4.028095	5.991114	5.969581	4.527582
4.124977	3.457629	1.341479	4.745481	4.276983	4.666786	1.316764	3.820173	4.070412	1.341479
1.979498	0.818071	0.536717	2.079379	1.38884	2.578547	0.253675	2.467589	2.480277	0.70777
8.156233	8.475074	6.316363	8.002745	7.820175	8.332041	5.883223	8.688159	8.199976	6.661212
5.880731	3.982097	4.199858	5.752628	5.815787	6.210722	4.355619	4.731561	5.975802	4.289658
4.55746	3.622115	2.825645	4.549135	4.362166	4.785863	2.380135	4.857588	4.580397	2.299526
3.430494	3.172052	1.650622	3.945248	3.688928	3.43141	1.562575	3.187299	3.400732	1.833478
4.103582	2.818054	2.579669	4.005977	3.705124	3.673928	2.169639	4.148387	4.024867	2.483832
3.154865	3.044501	2.117149	3.116434	3.344357	2.795918	1.363582	3.176538	3.224262	1.620442
0.582709	0.04906	0.445162	0.829328	0.140451	0.224859	0.47796	0.503515	0.376494	0.28803
3.62577	3.667467	1.238654	3.714469	3.86298	3.845342	1.230308	3.794518	4.059006	1.355884
3.857356	3.051533	1.374687	4.790315	3.243595	3.400664	1.588765	5.545712	3.832762	1.791597
1.118159	1.107229	0.223667	0.764002	1.160986	0.873479	0.15724	0.414166	1.051164	0.376305
5.58943	4.329823	3.715636	5.277552	5.40588	5.859136	3.140386	6.010124	5.791783	3.504505
2.370683	3.380023	4.599487	3.745575	3.087083	3.077417	4.241898	2.437481	2.883397	3.932652
4.423102	4.404813	5.543447	4.181103	4.569588	4.294915	5.919992	4.022519	4.548883	4.96799
2.518847	1.55387	0.807335	4.080872	1.676093	2.593721	0.789639	3.116023	2.626371	0.53437
5.290402	5.062764	2.366573	6.23295	5.496346	4.935092	2.067483	4.659228	5.225075	2.532509
5.698965	5.301338	3.705797	5.765759	5.332916	5.375231	2.810677	5.152181	5.307469	3.319233
3.061666	2.803484	1.345734	3.703984	2.856565	3.284476	1.099005	3.30869	3.378598	1.868137
1.733092	3.630495	1.801247	3.05172	2.854914	2.954623	0.729167	1.894343	2.975365	1.620096
3.083697	1.766396	3.876111	2.644824	2.803042	3.065928	3.563872	2.838135	3.097461	3.402263
5.368509	6.223545	3.148635	5.239777	5.484199	5.046046	3.122603	4.914477	5.158142	3.844694
3.569847	4.244369	2.00681	4.647177	3.868852	4.063221	2.268047	4.428297	3.804709	2.76826
4.687862	4.352851	2.352129	4.615543	4.499083	4.487696	2.720548	5.789409	4.966622	2.699256
0.063859	0.048966	0.018737	0.136219	0.093216	0.191735	0.018737	0.647828	0.150289	0.093216
0.322691	0.171903	-0.03602	0.525771	0.540619	0.022297	-0.03602	0.055969	-0.03602	-0.01235
1.891758	3.216511	2.149716	3.672906	2.730387	2.930649	1.948299	2.220725	2.872245	3.502859
3.090587	2.346077	0.223803	1.964663	1.921326	3.359212	0.277526	3.453957	3.43833	0.201607
1.618253	1.274886	0.341867	1.587976	1.572525	1.282974	0.725429	2.66422	1.291005	0.591831
0.457496	2.218634	0.370187	1.758895	1.046448	1.684633	0.163418	2.216659	0.673034	0.474228

10.63697	10.63239	6.472374	9.960287	10.02652	10.47366	5.880006	11.41553	11.43256	6.57418
5.727131	7.020321	3.262501	5.812569	6.608878	5.009587	3.116324	5.684373	5.933426	3.696428
3.599746	4.833935	1.272624	4.36423	4.152115	4.145954	1.317127	3.570649	4.226611	1.249596
1.43871	1.096208	0.523585	1.162907	1.317962	1.766017	0.20795	0.487656	2.089115	0.372571
1.059419	0.755208	0.483373	1.435865	0.813639	1.059419	0.208745	1.52116	0.755208	0.237208
0.751825	0.561434	-0.0458	0.580175	0.535937	0.097848	0.068611	0.628639	0.74118	-0.0458
2.618439	1.949525	1.698161	2.51428	2.842629	2.584844	1.455738	2.663752	3.110766	1.513561
4.827299	4.885055	2.123914	5.061505	4.913871	5.125712	2.082535	5.047908	4.933387	2.303222
4.593251	4.406815	2.034131	4.469777	4.754115	4.692648	1.84271	4.675276	4.613396	2.065084
0.029448	0.131137	0.029448	0.029448	0.029448	0.213137	0.029448	0.556473	0.435289	0.029448
0.479078	0.325012	0.064176	0.733005	0.02474	3.170595	-0.17056	1.849637	1.525036	-0.0057
8.621217	8.404467	4.372591	8.173129	7.271923	8.121388	3.500692	8.070034	7.508462	3.920136
9.071433	8.96748	5.923192	8.960618	9.174743	9.215944	5.793154	8.67284	8.914183	6.086913
4.581494	4.601994	1.578759	4.161386	4.315789	4.468556	1.218025	3.984705	4.648946	1.425632
2.513623	1.083513	0.462782	2.964227	1.962676	2.849011	0.462782	2.7845	3.466534	1.005714
4.890593	6.414552	2.17814	5.089672	5.208859	5.212582	2.360408	4.631502	4.912501	3.008748
1.552691	3.184433	-0.37803	0.77018	1.318026	2.407334	-0.32182	0.952572	3.208431	-0.23718
3.55263	3.493668	2.440893	3.919259	3.746753	4.037989	2.419	4.191395	4.192391	2.70055
0.36803	1.677592	-0.09175	0.893954	0.752558	0.734117	-0.07225	1.047594	2.224912	-0.11161
7.930578	10.03697	5.18107	9.017316	9.047338	9.521615	4.355701	9.135889	6.905879	4.061015
3.805767	2.567565	2.966216	4.020021	3.619173	4.606343	2.53557	4.425895	4.344011	2.724147
4.5066	3.588406	2.165769	4.25066	4.231759	4.395047	1.986449	4.453772	4.443962	2.448718
0.955132	0.72113	0.639492	0.302549	0.616614	0.50063	0.317996	0.563255	0.885726	0.355653
5.555843	5.523972	2.772825	5.470389	5.685032	5.254092	2.913652	5.330474	5.481755	2.892107
3.760435	4.080054	2.678432	4.155804	4.040929	3.942266	2.639801	3.837118	4.008299	2.755135
3.424181	1.924811	0.311069	2.536634	2.27684	3.371416	0.176039	3.357861	4.024778	0.558284
2.939619	3.06552	1.190169	2.634768	3.045452	2.980172	1.214864	2.987921	2.871759	1.343086
3.9272	5.909568	2.873022	5.399453	4.997809	4.650178	2.13473	4.772172	4.602057	2.767416
3.28359	6.812917	2.123762	4.864069	5.17859	5.154145	2.023709	4.861223	4.057063	3.032981
4.270226	3.288202	1.294051	5.184968	3.723005	5.226401	0.595886	2.933826	6.943398	1.17988
3.150458	3.219881	1.564728	3.230165	2.192419	3.447475	1.230372	2.774969	2.211002	0.877098
3.594246	2.36093	1.693434	3.67538	2.816964	4.209524	1.428501	4.551011	3.712813	1.568173
3.401126	2.343617	1.420782	3.354238	3.240095	3.59878	2.524734	3.277184	3.5958	1.570807
3.556069	3.405942	2.903403	3.977686	3.901616	3.834438	2.877258	3.715568	3.441054	3.159627
2.388217	2.411348	0.562394	2.926791	2.678765	2.788602	0.405313	3.313925	2.223016	0.900051
4.052064	3.841337	2.313856	4.161733	4.1474	3.818072	2.281588	3.712241	4.204469	2.632616
7.33952	8.277746	4.6946	7.713184	7.36116	7.202317	4.792971	7.488059	7.136628	5.411276
1.500614	1.12054	0.389674	1.550286	1.095209	1.369483	0.331688	1.527955	1.145363	0.343505
5.303197	5.452019	3.434324	4.940225	5.293553	5.148595	3.440314	5.190845	5.268562	4.026163
0.358424	0.759115	0.540485	1.308796	0.461675	0.598661	0.256921	0.574045	0.224869	0.277861
4.014387	3.288617	1.81341	4.028937	3.694187	4.243357	1.511314	4.151575	4.196243	1.817131
3.406784	3.893383	0.747151	2.518276	0.555886	0.801007	0.239383	3.180907	2.078433	1.055318
2.360777	1.810628	1.311673	2.009606	2.154231	2.138728	1.246628	2.800439	3.220591	1.290391
2.923031	2.93158	0.896265	2.847361	2.963434	3.124385	1.054575	3.027445	3.279525	1.574718
3.723348	2.705472	1.711272	4.794586	3.2668	4.639744	2.731587	5.448602	5.042202	3.02922
0.454663	0.591509	0.302702	0.244093	0.207691	0.454663	0.105636	0.464901	0.412929	0.051625
3.54298	3.720563	0.66175	2.323678	2.83943	2.998959	0.365296	3.05425	3.260894	0.296503

0.319511	0.319511	0.14939	0.181671	0.181671	0.197575	0.14939	1.66251	0.4192	0.14939
4.74906	3.663923	1.644444	3.765094	3.323399	3.710007	1.342343	3.482123	4.903167	1.666657
2.520932	2.389135	1.068677	1.515979	2.011033	1.689176	0.401009	0.691631	1.885064	0.671843
3.926048	3.571092	2.493095	3.890732	4.178135	3.680036	2.066365	3.919381	3.776979	3.028027
3.113801	3.406733	2.009958	2.951392	3.137472	2.621419	2.029477	3.245764	2.625099	1.564969
7.253134	5.496198	4.053797	6.832519	7.386258	5.680037	3.96699	6.571224	7.160869	4.215644
3.412481	2.873153	0.836727	2.70265	2.513786	3.020804	0.663534	3.22338	3.444734	0.628404
7.619339	8.084361	5.449186	7.385498	7.954986	6.902486	5.639174	6.993344	6.562466	6.135566
1.725143	1.608606	1.033527	2.846475	1.870186	2.226656	0.519859	3.518328	3.937885	0.762164
2.757643	1.984702	1.452506	2.305252	2.246851	2.833215	0.796424	2.95929	2.449932	0.916974
3.785637	2.542512	1.564736	3.582593	4.130695	3.69415	1.688526	3.715404	4.119392	1.83885
0.373444	0.251488	0.072671	0.179427	0.119311	1.243346	0.119311	0.237337	0.712439	0.072671
8.524357	8.632778	5.241757	8.638814	8.663679	8.454889	4.68039	8.804384	8.259303	5.521815
4.706959	4.679771	2.418971	5.462853	4.830948	4.936538	2.282315	4.858843	5.011304	2.634894
3.12868	2.540995	1.427776	3.497609	3.189284	3.269126	0.796808	2.931571	3.478217	0.960225
0.750351	0.967554	0.247494	2.377965	0.698933	1.116822	0.093095	1.476242	2.080306	0.259604
4.763841	3.964157	2.077146	5.026683	4.927836	4.886379	2.419486	4.685633	5.04235	2.891902
1.341012	1.606115	0.364033	4.029736	0.942393	4.391231	0.30017	4.236238	2.529094	0.413156
3.237496	2.842487	1.614134	3.214986	3.315594	3.314118	1.848403	3.127701	3.331694	1.575319
3.576577	2.790271	2.942456	3.480282	3.464344	3.803728	2.807268	3.877433	3.692636	3.293649
0.023927	0.138216	0.011882	0.262485	0.138216	0.12726	0.047664	0.116205	0.105048	0.159833
0.051695	0.029523	0.029523	0.279358	0.051695	0.029523	0.040664	0.16636	0.08415	0.136234
5.055445	3.491434	1.611376	3.687217	4.749421	3.378429	1.205127	4.522802	3.654618	1.046991
4.28919	2.962815	0.551973	1.848202	4.303877	2.577856	0.560459	3.631827	4.002058	0.286161
4.488171	2.30751	1.513989	3.260618	3.616388	4.354409	1.318111	3.295167	4.501374	1.389496
3.516733	2.482827	1.492879	3.282056	3.477385	3.017361	1.305055	2.683816	3.543162	1.480027
4.35483	3.581988	1.827553	4.052435	4.654841	4.303654	1.611465	3.845202	4.756926	1.442678
7.296946	7.283346	3.644884	6.837699	7.408337	7.209329	3.640155	7.0156	6.953526	3.771312
0.168791	0.03176	0.01857	0.108254	0.120584	0.01857	0.108254	0.855337	0.01857	0.03176
0.685158	1.575449	-0.05927	2.0284	0.883506	1.704911	-0.02218	1.457571	0.918522	0.02562
3.76356	2.30347	2.383206	3.160313	3.442946	3.966747	2.61579	3.446603	4.231343	2.766225
7.011802	7.849538	3.96243	6.930746	7.047863	6.671219	2.982721	5.851949	7.361494	3.628108
0.735316	0.038641	0.076313	0.085513	0.103662	0.019258	0.019258	0.15621	0.979785	0.019258
0.721629	0.684133	0.565287	1.986749	0.998072	0.784949	0.175214	0.575581	1.216258	0.228632
4.514145	3.564707	2.594477	4.517904	4.598718	5.016099	2.968965	5.153261	5.152406	2.661185
5.279747	6.744208	4.642804	5.483881	5.59168	4.993212	4.356609	5.310126	5.304157	4.529994
5.026296	5.573221	4.21146	4.886046	5.483196	5.4074	4.155591	5.113268	5.14613	4.667449
4.617374	4.481812	3.21612	5.011809	4.80846	4.964993	3.058861	5.31408	4.800149	3.232141
4.423595	3.603662	2.779576	4.49388	4.499159	4.711644	2.704114	5.283689	4.865398	3.170872
0.582727	1.280838	0.687518	1.348287	0.975092	1.172785	0.796243	0.706399	1.109656	1.300143
5.71739	4.130668	2.583098	4.982447	5.087332	5.101324	1.989938	5.562066	6.401227	2.008479
0.004922	0.173261	0.026154	0.004922	0.015591	0.004922	0.004922	0.004922	0.004922	0.004922
5.587273	5.776316	4.811942	5.773432	5.710754	6.167941	4.005581	5.936775	5.861053	4.75733
4.43544	4.115532	2.389834	4.459235	4.526579	4.399013	2.367971	4.175361	4.624004	2.666118
4.965517	3.944091	3.421188	5.132077	5.000873	5.311481	3.104348	4.893894	5.435955	3.378568
3.441045	2.194442	0.621736	3.545474	3.401498	3.22783	1.01769	3.446297	4.003266	0.721866
4.530039	4.976544	1.702264	4.380719	4.542907	4.741519	1.852265	5.459338	4.954172	1.942067

1.877056	2.344023	0.62718	2.134445	2.378495	2.82245	0.45611	2.318141	2.277084	1.584456
0.03684	1.291213	0.10545	0.593072	0.636876	0.180874	0.048549	0.03684	0.001022	0.071631
4.425037	3.298028	2.764275	4.376674	4.759524	4.755749	3.016888	3.334703	4.709504	3.687806
0.411121	0.439868	0.232732	0.232732	0.323226	0.293357	0.232732	0.232732	0.293357	0.232732
0.336887	0.279147	0.243337	0.828881	0.336887	0.255374	0.168875	0.143157	0.64115	0.090275
6.03352	7.01439	3.803137	5.783622	6.326392	6.305028	3.648171	6.316555	5.524368	3.711163
5.080203	3.430537	2.874068	3.865058	4.912404	4.002163	3.145319	4.797958	5.127986	2.947201
2.674355	2.58769	0.956158	3.567576	2.706431	3.302806	0.753674	2.868905	2.581568	1.476005
2.067595	1.377995	0.489713	1.969303	1.360098	1.003519	0.47802	1.187021	1.372056	0.380538
7.034644	6.797761	3.248301	6.654024	6.670397	7.192257	2.976684	7.142392	7.539004	3.116942
0.191067	0.018615	0.036611	0.000439	0.174536	0.072081	0.000439	0.333474	0.191067	0.036611
1.84086	1.529229	-0.02535	2.135675	1.360666	2.178006	-0.05904	2.633091	3.093067	0.090452
3.087207	2.233604	1.066536	2.924384	3.069219	3.242831	1.162101	3.165622	3.077251	1.522895
6.351087	6.240946	2.462274	5.876061	5.722685	6.672382	2.094334	7.484995	5.924332	2.626125
0.290995	0.290995	0.234696	0.513674	0.550422	0.568419	0.049815	3.093093	0.427058	0.07601
0.18406	0.114963	0.016609	0.560092	0.361698	0.260218	0.041916	0.149979	0.270736	0.041916
5.337288	4.240324	2.443667	4.753328	5.316713	5.580152	2.620811	4.228001	5.223432	3.119411
5.47437	6.371472	3.808001	6.243289	6.158383	5.78808	3.307338	5.816331	5.949734	3.639547
0.022728	0.150884	0.034942	0.139766	0.022728	0.082628	0.010393	0.034942	0.047036	0.010393
9.455183	10.01031	5.955096	9.039559	9.218862	8.858264	6.327842	9.083845	9.199677	6.492184
4.922225	4.494803	3.176042	4.596772	4.962713	4.729446	3.060757	4.632667	4.975128	3.848366
3.733903	2.570556	2.438481	1.911696	3.304175	1.812501	0.496361	1.052382	3.523548	0.390345
5.30705	6.989422	2.255875	6.919948	5.867933	7.280721	2.085977	8.271778	5.806928	2.521437
4.150448	3.706205	2.568166	3.265091	4.077053	4.054463	2.117564	3.618834	4.16243	2.861695
4.015986	3.486418	2.215706	3.498964	3.254797	3.756868	1.681521	3.785996	3.493962	2.077401
1.549548	0.869126	0.639724	1.546528	1.114331	1.904513	0.352426	2.008029	1.664249	0.896153
1.585237	0.355794	0.022485	3.459259	0.054288	0.161015	-0.0264	-0.0264	0.146184	0.116116
0.458946	0.932952	0.255821	1.137358	1.213189	0.78814	0.121922	1.499586	0.19038	0.19038
5.681507	5.258811	2.940686	5.624857	4.909682	5.531543	2.370275	5.793625	5.420597	2.3809
3.687385	2.686804	2.202267	4.947607	3.583442	4.437673	2.597238	4.814322	4.261568	3.474856
2.041323	2.221075	0.108527	1.607452	1.840308	2.385845	0.117358	2.036063	1.293473	0.241327
4.276335	4.830448	2.733071	5.361703	5.141253	4.734589	4.048601	6.280761	4.607342	3.289663
3.227525	1.924018	0.806828	0.457858	2.337789	0.848041	0.135246	0.71172	2.866947	0.174926
4.679189	5.055719	3.005783	6.338718	5.593166	5.785594	4.114285	6.825931	5.317532	4.58226
0.731672	1.877569	0.006024	2.825452	0.74895	0.202868	0.041674	0.246514	0.529296	0.032881
3.26736	3.587943	1.446345	3.165834	3.481983	3.251419	1.294164	3.109304	3.316203	1.814474
1.667603	1.218625	0.305497	0.846474	1.757864	2.305392	0.208161	1.481649	2.310726	0.35137
0.872206	0.59637	0.226924	0.919329	0.542191	0.493714	0.049473	0.565712	2.199642	0.20613
5.066827	5.008947	1.802204	4.443425	5.39322	4.408143	2.270134	3.656481	4.407337	2.983258
6.071137	5.0441	2.907526	5.998949	5.738053	6.442437	2.834211	6.702738	6.892775	2.989688
0.891388	0.43527	0.190383	0.51391	0.47519	0.494696	0.127573	0.542205	1.026312	0.202585
4.800771	4.215378	3.820088	5.762939	5.449528	4.276177	3.351192	6.286608	6.092668	3.741303
7.992079	7.14444	3.558224	7.401634	7.525703	7.542599	3.195464	6.56837	7.121665	3.553874
0.106147	0.601739	0.174139	0.423999	0.228165	0.129215	-0.00313	0.094456	0.129215	-0.00313
2.898645	2.699656	2.301683	3.017249	2.995504	3.590087	2.283211	3.352306	3.284975	2.381176
2.70301	2.201705	1.033693	2.204988	2.463593	2.854553	0.695207	2.299915	3.058195	0.643544
2.525627	2.125112	1.425332	3.211898	2.325335	3.609765	1.305923	4.496096	3.133874	1.692059

4.838497	3.317484	3.451061	3.993605	4.499599	4.146732	3.137438	4.157469	4.290992	2.491865
3.312111	2.230016	0.586523	0.959635	2.250856	0.952706	0.558686	0.980203	2.480289	0.828958
3.6179	2.903374	1.278672	4.640304	3.535424	4.535066	1.210392	5.982941	2.898535	1.071936
4.248173	3.383698	1.698733	4.184989	3.548078	4.176182	1.456663	3.861147	4.059589	1.684172
9.226657	9.948398	5.049976	9.19569	9.240431	9.122716	5.003057	9.769215	9.647939	5.441641
5.645334	5.021453	1.996962	5.580561	5.117194	4.669569	1.83405	6.665946	4.082639	2.018485
5.334295	2.932805	1.985177	3.866768	3.833867	5.209103	1.648538	4.482642	5.499004	1.351677
8.675089	8.293835	4.750978	9.17746	9.08874	7.725152	4.91681	7.028214	8.308215	5.309034
4.532278	3.910894	2.649148	4.946767	5.584882	4.029922	3.562914	3.14241	3.30111	2.69205
3.902062	2.975175	2.915981	3.74173	3.955615	3.494153	3.055619	3.44587	3.921877	2.854986
0.638914	1.983799	0.342464	1.604565	1.577406	1.382659	0.060086	1.343799	1.486764	0.363062
3.591705	2.884564	1.167797	3.266737	3.379917	3.420686	1.101025	3.189522	3.506047	1.149144
4.089396	4.091205	2.132648	4.455093	4.302457	4.623827	2.193103	4.557897	4.171547	2.03542
3.511741	2.976479	1.691241	3.506225	3.644006	3.248906	1.766477	3.58956	3.781947	1.913581
2.046154	1.307652	0.702159	2.803563	2.640753	2.168429	0.71032	1.03468	2.81826	0.796507
3.978698	2.387904	1.476543	3.790392	3.415057	4.582619	1.628322	3.233622	4.122451	1.873553
2.066171	1.624612	0.785708	1.817002	2.404202	2.333123	0.785708	2.104484	2.304066	0.865247
3.78495	2.737751	2.451161	3.482409	3.152903	4.011464	2.488024	3.333689	3.869585	1.415805
3.82906	6.645193	3.172643	4.991378	3.79246	2.53344	2.413757	2.313108	4.078199	4.22701
4.070629	4.507869	2.463404	3.965463	4.117997	3.871204	2.344199	3.818713	3.911193	2.868169
1.2921	0.883376	0.779107	0.953079	1.363486	2.341643	1.076095	1.08226	2.218421	1.118655
4.889881	4.781813	2.491958	4.924445	4.916355	4.861427	2.359714	4.234911	4.839466	2.559748
2.195007	1.96388	0.762589	3.336228	1.645767	3.156515	0.740563	3.017107	3.313157	1.229252
5.167406	4.200548	2.385777	4.634005	4.964311	5.158107	2.365584	5.328171	5.32561	2.604116
4.982332	4.187969	3.557573	4.683685	5.117876	5.098784	3.38822	5.408343	5.434168	4.223881
5.275735	4.407174	4.194598	5.676405	5.308405	5.799165	3.711302	5.84007	5.624275	4.051728
4.598261	4.70679	3.924199	5.85911	4.765641	5.001125	4.14372	6.123331	4.789662	3.777891
5.009865	5.71837	4.30175	4.848604	4.996326	4.833473	4.157003	5.019121	5.032948	4.700557
6.435181	6.750149	4.011732	7.356686	6.59534	7.09414	3.764677	4.681394	8.187369	4.037671
6.083557	3.958709	2.854044	7.636765	5.423984	8.049469	3.20677	9.650655	5.523134	4.105627
4.029397	3.342547	1.385108	4.044144	3.754916	4.163406	1.286575	4.639825	3.792706	1.37652
5.62571	5.579884	4.119119	5.311819	6.507284	4.854487	5.428977	6.443384	4.927396	5.633152
2.920851	1.80824	1.321711	3.059093	2.809987	3.404625	1.156891	3.393591	3.539695	1.025638
3.080652	2.490916	1.533966	3.254088	2.880045	3.237352	1.754966	3.447798	3.385627	1.522582
2.480338	2.225163	0.447444	2.639372	2.302686	1.902741	0.856191	2.858994	3.051748	0.318831
2.539074	3.272871	1.102233	2.281738	1.960079	3.69697	1.252533	3.620738	2.825739	1.361069
0.349639	1.161153	0.008081	0.473592	0.451363	0.299412	0.273435	0.08308	0.881738	0.228767
5.690697	5.062746	2.927972	5.690697	5.698589	5.689976	3.44624	5.478379	5.40016	3.606327
5.03927	4.607338	3.74283	4.657287	4.763751	4.811956	2.922852	5.194653	5.090441	3.134429
6.012492	5.093982	3.434164	5.980643	5.977801	5.638477	3.116641	5.693358	6.186611	3.72312
0.158057	0.554178	-0.02254	0.17443	0.044476	0.190537	-0.02254	0.080831	-0.02254	-0.02254
2.068204	2.217432	0.465745	0.840452	2.783977	0.877137	-0.06466	0.702318	1.679821	-0.10527
3.68175	3.926678	1.819194	3.216536	3.667089	3.465733	1.797651	3.547592	3.675423	2.339014
4.690511	3.252497	1.58728	4.106837	3.983288	6.642817	2.154759	5.971712	5.5033	2.166471
2.059951	2.290507	1.917428	2.479382	2.104586	2.618087	2.088547	2.543174	2.020016	1.891535
3.377142	2.152125	5.855638	3.649629	3.565008	4.209592	5.366082	4.414159	4.461861	4.986454
7.288349	6.50717	3.81557	6.978728	7.281477	6.829372	3.954161	7.128515	7.173895	3.910445

3.109647	2.313369	1.582974	3.033446	3.020232	3.704711	1.576207	3.16779	3.870512	1.909069
0.402915	0.513111	0.486249	0.5784	0.388605	0.591152	0.173909	0.458939	0.665644	0.315115
4.837053	4.792781	2.496872	5.000632	4.872365	5.246674	2.004097	4.888527	4.967521	2.855223
4.938572	2.899443	1.89523	4.386481	4.527566	4.600753	1.621595	4.741547	4.985747	1.89523
1.366912	5.098026	2.470554	5.652702	4.193847	2.920619	1.530154	1.078559	0.995882	1.884199
2.434284	1.896058	0.512233	2.275731	1.899022	2.619746	0.874195	2.390288	2.067015	0.648524
0.191241	0.098724	0.014424	2.640012	0.057188	1.206795	0.014424	0.427005	0.290203	0.085011
5.943342	5.747045	3.213952	6.30415	5.444555	5.885224	3.013809	6.153716	5.509994	3.634534
3.940137	4.78118	2.296604	4.022463	3.379353	5.389717	1.070904	4.636139	5.422708	1.891155
6.562783	6.123431	3.231949	6.738068	6.743339	6.838444	3.285453	6.60084	6.553306	3.864985
5.465702	5.465702	3.197671	6.687563	5.748643	5.562031	3.725419	5.970312	5.964988	4.522978
3.337429	4.094844	2.465067	3.222084	3.170089	3.587631	1.684541	3.839566	3.374159	2.234522
3.730822	2.474489	2.276472	3.426511	3.406512	4.036828	2.195919	3.425271	3.892127	2.351295
3.425765	3.508206	2.898433	3.353514	3.49072	3.082276	2.6845	3.370347	3.542493	3.345672
1.330952	0.160057	0.136344	0.57739	0.075068	0.962595	0.049712	1.539046	0.148255	0.049712
-0.06879	3.476365	1.174602	2.132933	1.048667	0.045981	0.254349	0.015797	-0.06879	0.254349
1.539267	0.85012	0.496722	2.244253	2.336548	3.8081	0.175883	2.366899	3.06816	0.538488
0.796864	1.984849	-0.25023	0.308485	0.186906	0.862955	-0.26171	1.561378	1.088881	-0.17277
6.231709	6.738758	4.852299	6.748569	6.777796	6.70545	5.26274	7.649258	6.2685	5.614196
3.582591	3.588578	2.150958	3.447121	3.557739	3.292519	1.823583	2.791227	3.403445	2.627376
4.585262	4.442539	3.494512	5.489272	4.974625	6.109862	2.675418	5.757053	4.687023	3.16598
3.831547	3.335748	1.89419	3.542581	3.79975	3.962653	2.103844	3.742314	4.055554	2.068435
4.535952	3.43963	2.30966	3.255864	3.487308	3.038536	1.867794	3.005419	4.292673	2.576139
3.608445	3.061547	2.357918	5.429472	3.493642	5.450443	2.000418	5.182453	4.365091	2.943797
6.326836	5.552461	4.002611	5.440427	6.169321	4.523187	4.128491	4.69989	3.939498	2.577352
4.706854	4.047998	2.410699	4.781912	5.624795	4.836103	3.06536	5.158483	5.172311	3.091358
2.74063	2.173648	1.365418	2.640843	2.765066	2.74063	1.062472	2.813992	2.987377	1.217322

CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI	CGGA_PI
1.044544	0.275998	1.283584	0.913849	0.776857	1.615484	0.491608	0.420073	0.153404	1.139316
1.616577	0.729047	2.616825	1.390526	1.143154	1.883994	1.486338	2.175107	2.503056	0.643509
5.779802	3.124418	5.850586	5.697052	5.725941	5.024896	5.778193	5.846567	5.642019	5.559588
2.917579	1.248385	1.80558	3.589086	3.046199	4.512109	4.053483	7.808354	2.871458	2.950809
1.089034	0.875525	0.963703	1.574053	1.782006	2.4357	2.108189	1.137269	1.876431	1.773814
6.932984	4.886797	6.80431	6.930304	6.894662	6.902499	6.758378	6.863516	7.017627	7.076763
6.219659	4.63299	6.01017	6.108064	5.597781	5.565389	5.938941	6.575003	6.02896	6.028707
1.139223	0.608805	0.574891	1.227188	1.824877	1.42584	2.252126	0.623008	0.803898	1.315606
0.009871	0.009871	0.370478	0.118842	0.186599	0.197547	0.118842	0.219163	0.009871	0.47971
5.649795	2.76371	5.307815	5.791614	5.562075	5.330508	5.451642	5.703171	5.375416	5.691588
4.469459	2.741763	4.479826	4.537815	4.573033	4.354775	4.569816	4.960458	4.525448	4.730244
3.694448	1.339171	3.565043	3.687293	3.821483	3.596651	3.968631	3.766907	3.553966	3.825449
2.334928	0.482096	2.675802	2.52486	2.142639	2.363789	1.720639	3.046427	2.627168	2.77486
2.906397	0.833692	2.970363	3.548407	3.267776	2.45414	3.650529	3.314978	3.6732	3.651147
5.964711	4.128851	6.051695	6.661742	6.280649	6.639617	5.596671	6.416481	5.726883	5.93978
3.957213	1.2829	3.962916	4.083203	4.14617	4.546928	3.569875	3.849014	4.07234	3.592189
1.49282	0.633118	2.296077	1.647814	1.372615	2.443418	1.560794	1.364417	2.407034	1.022626
7.898553	6.439187	8.346894	7.860703	7.969602	8.035457	8.048123	8.242508	7.995593	8.09772
5.480096	5.031818	5.618794	6.086294	6.144942	5.656452	5.417962	5.732036	6.10804	6.355805
4.444662	2.772804	4.525012	4.350961	4.575121	4.796948	4.597651	4.73505	4.899038	4.259178
3.539062	1.889181	3.757652	3.660084	3.647573	3.260283	3.641632	3.714207	3.474443	3.545632
4.198576	2.638034	5.001451	4.021556	4.118378	3.571472	4.164557	5.560247	4.323924	3.721848
3.157295	1.816889	3.146311	3.213974	3.223124	3.342331	3.234448	3.390855	3.136448	3.25893
0.725871	0.104796	0.029838	0.216702	0.240993	0.355033	0.18346	0.029838	0.383556	0.248973
3.72461	1.28727	3.668804	3.651957	3.666128	3.851994	3.651957	3.472383	3.766556	3.672804
4.134936	1.69161	4.633565	4.572088	3.568378	4.463108	3.180756	4.222767	3.981684	3.471393
1.004512	0.223667	1.237689	0.998561	0.956131	1.485717	0.846958	1.291205	1.469183	1.128998
5.487796	4.013596	5.3914	5.537619	5.426206	5.180816	5.379208	5.62446	5.441473	5.482096
2.934255	4.877324	2.611762	3.059473	3.68597	4.497715	4.223623	2.297971	2.816872	2.937013
4.507568	5.544207	4.191276	4.288895	4.371766	4.270225	4.144035	4.497985	4.310016	4.501299
2.196872	1.118236	3.322278	1.949912	1.812196	2.071051	1.5036	2.879326	3.388287	0.916802
5.634105	2.532509	5.256376	5.232459	5.409143	5.155035	5.657153	5.63969	5.230715	5.300228
5.482434	3.893768	5.705642	5.623015	5.627454	5.621273	5.32692	5.965925	5.160901	5.099644
2.764707	1.534325	2.603191	3.175145	2.846907	3.389872	2.689909	3.167698	2.617296	3.273559
2.650783	1.816245	2.690666	2.713124	2.934791	2.62561	3.837532	2.620835	2.287748	2.647663
2.815931	3.607946	3.329	2.937221	3.001405	3.01354	2.685188	3.032158	3.470106	2.815931
5.25278	3.504446	5.051989	5.20792	5.379532	4.939153	5.465325	5.267236	5.159051	5.314769
3.787086	2.709372	3.962535	3.988501	3.739692	3.688649	3.936458	3.96842	4.055887	3.879363
4.851946	2.724757	4.894817	4.457007	4.262012	4.854857	4.512352	5.714041	4.833419	4.334155
0.136219	0.048966	0.258406	0.178044	0.063859	0.033927	0.150289	0.322286	0.258406	0.033927
0.626034	-0.01235	0.066986	0.120595	0.131035	0.743699	0.816163	0.055969	0.055969	-0.01235
2.464962	1.789406	1.9891	2.642668	2.575571	1.46585	3.141537	2.046649	1.808083	2.884144
2.719697	0.318805	3.484604	2.028	0.988632	2.766188	1.404753	2.065347	3.46938	0.959586
2.249815	0.538296	2.179671	1.875957	1.854392	2.598948	1.141423	2.326987	1.36829	1.372017
0.982588	0.351945	0.806473	0.721425	1.481707	0.295513	2.012754	0.305103	1.285625	0.687058

10.50425	7.008587	10.73931	9.967909	9.50875	10.46318	10.24173	10.48077	11.59015	9.567431
5.957225	3.316318	5.795103	6.972484	6.950552	6.350236	6.945773	5.822738	5.249723	6.362839
3.812353	1.519657	3.476199	4.300465	4.152524	3.718463	4.032097	3.549003	3.192995	4.037171
0.730173	0.759336	0.712312	0.718297	0.925254	1.582153	0.863844	0.487656	1.639672	1.345916
1.145813	0.422457	1.352005	0.984778	1.091421	1.46074	1.544653	1.304801	1.384823	0.755208
0.652091	-0.0458	0.640428	0.71411	0.843237	1.463002	0.420428	0.330883	0.398719	1.034969
2.579712	1.955722	2.294075	2.677915	2.777791	2.793326	2.309677	2.789111	2.657396	2.64779
4.82034	2.40821	4.639566	5.001376	4.975686	4.529205	4.711584	4.699596	4.784398	4.599855
4.697396	2.024642	4.503553	4.556917	4.529418	4.223381	4.573286	4.734539	4.861384	4.435697
0.131137	0.029448	0.315944	0.376801	0.186298	0.172696	0.029448	0.029448	0.480495	0.029448
0.111734	-0.2064	0.513046	0.738579	0.10237	1.020228	0.184147	0.210224	0.429866	0.309264
7.586011	5.109893	8.516257	6.239806	7.242679	7.286467	7.499395	7.711122	8.141276	5.945824
8.919044	6.371975	9.136806	9.11208	9.141771	8.849046	8.874479	8.966199	9.016458	9.096762
3.801833	1.224975	3.469622	4.007439	4.224925	4.023827	4.187508	3.586737	3.733429	4.715227
2.272882	1.249792	3.134938	2.086167	2.190027	2.534652	2.011664	2.668768	2.663152	1.9459
4.927925	2.554546	4.787351	4.916684	4.967177	4.640106	5.105399	4.889877	4.783965	5.043801
1.12612	0.220829	1.7626	1.268748	2.061044	3.073717	1.331352	0.699385	1.620767	0.074304
3.856427	2.359225	3.764982	3.927012	4.040877	4.009263	3.983379	3.815665	3.971732	3.988851
1.710658	0.080898	1.265829	0.75712	1.176202	1.068384	1.712573	1.144629	0.449219	0.676868
8.320218	4.765397	8.272727	7.313551	7.981751	9.125429	8.647025	8.264099	7.297848	7.664742
4.037768	2.797373	4.433137	3.983079	4.086137	4.252697	4.09755	3.960852	4.318698	3.890021
4.234203	2.489827	4.468882	4.265902	4.3596	4.302549	4.164426	4.648012	4.553917	4.406175
1.035939	0.62238	0.50063	0.772254	0.762225	0.796919	1.132531	0.62238	1.23724	1.284412
5.684544	2.758594	5.414023	5.562536	5.553228	5.561609	5.682587	5.662802	5.730159	5.560682
3.952811	2.898624	3.791487	3.915179	4.263741	3.912892	4.570227	3.796579	3.755833	3.979011
2.527713	0.644697	3.718004	2.558658	2.179657	3.073585	1.900139	2.68175	3.786567	1.589761
2.723003	1.389356	2.622569	2.627467	2.754755	2.832566	2.572258	2.896449	2.756909	2.700513
4.69727	2.575055	3.859744	4.90598	5.18155	4.12839	5.937345	3.928051	4.331616	4.526693
4.88529	2.567039	3.561747	4.596647	4.675082	4.414516	5.352038	2.858612	4.310195	3.559376
5.885827	0.89008	4.625184	4.800271	3.371327	4.05126	6.634265	2.308057	7.204637	4.387015
2.846401	1.236603	3.387952	2.815098	2.330428	3.284113	2.525866	3.0293	2.57127	2.135929
3.58239	2.286349	4.196815	3.674153	3.312201	4.136242	3.113235	4.503561	3.654351	3.128717
3.185192	1.69281	3.392096	3.759216	3.624508	3.35047	3.311044	3.382073	3.258803	3.474882
3.604945	3.350401	3.589547	3.969572	4.28005	3.971607	4.333957	3.623884	3.692936	4.048059
2.504381	0.613101	2.211745	2.660357	2.497399	1.954032	2.44386	2.013309	1.641233	2.600237
4.236675	2.396481	4.121176	4.00073	4.050134	3.775807	3.966154	3.879292	4.186724	4.406807
7.248806	5.162516	7.33753	7.211936	7.083388	6.736644	7.108706	7.13942	7.102145	7.044024
1.029509	0.455843	1.228511	1.199453	1.509795	1.563494	1.704066	1.536937	1.458432	1.187636
5.19904	3.578111	5.099046	5.19651	5.02312	4.880828	4.995711	5.298825	4.885136	5.304592
0.497289	0.267433	1.121152	0.598661	0.348621	1.322895	1.042493	0.582302	0.869389	0.614818
4.139814	1.996941	4.278428	4.09792	4.115494	4.00977	4.15194	4.135739	4.42338	3.981184
2.529469	0.765381	3.570455	3.161182	1.989578	5.192968	1.590773	4.106756	2.890554	2.606439
2.632254	1.844559	2.59762	2.310212	2.352139	2.731967	2.382099	2.578127	2.477415	2.628837
3.232267	1.044038	2.894308	3.034404	2.930728	2.870198	2.800114	3.220751	3.104416	2.949304
4.576268	1.564219	3.166548	7.371287	5.171914	4.332052	2.588645	3.969038	4.63811	5.288136
0.051625	0.092331	0.798464	0.051625	0.131868	0.369891	0.291178	0.454663	0.563308	0.182878
2.913944	0.722107	3.630598	2.464931	1.809939	2.918924	2.362226	2.656071	3.434065	1.291067

0.526133	0.244376	0.810352	0.197575	0.259683	0.197575	0.14939	0.362983	0.37722	0.14939
4.352962	1.291615	4.635926	4.136465	2.762868	4.45157	3.056357	4.396163	5.160392	3.2746
1.984609	0.803318	2.008128	1.56523	2.067543	3.713215	2.136858	1.841858	2.414413	1.721861
3.846059	3.300887	3.608371	3.64904	4.068888	3.59402	4.290657	3.729252	3.836685	4.125485
2.823343	2.012144	3.459843	2.933236	3.33339	2.609057	2.992873	3.848515	3.347727	2.760576
7.242417	4.522522	7.992478	6.675675	7.165051	7.145996	6.782112	8.165432	6.734989	6.454228
2.934883	1.491938	3.78249	2.309763	2.274253	3.311342	2.452154	2.482665	3.892129	1.170682
7.345541	5.581929	7.59299	7.815553	7.612394	7.663698	6.975124	7.202163	6.414113	7.063263
2.830436	0.923188	2.003491	2.678042	1.936955	2.951957	3.068264	5.66342	3.869025	2.456088
2.144596	1.60204	2.808611	2.273526	2.562969	3.137505	2.657065	2.600309	2.614249	2.355226
4.260871	1.95976	3.895259	3.49764	3.611235	3.569325	3.756726	4.35197	4.512055	3.590478
0.774324	0.072671	0.279416	0.119311	0.237337	0.072671	0.072671	0.347146	0.072671	0.149655
8.545978	5.149997	8.684192	8.34911	8.438491	7.501071	8.687497	8.551588	8.354593	7.684448
4.754767	3.001132	4.945502	4.763728	4.975989	4.701952	5.030649	4.871221	4.882565	5.103578
3.0496	1.398426	3.62922	2.413091	2.606917	3.153	2.756704	3.877679	3.363312	3.0496
0.839854	0.330089	0.967554	1.064415	0.636386	1.368425	0.681354	0.690172	1.191835	0.690172
4.784826	2.496346	4.991946	5.373952	5.322137	4.622692	4.947073	5.075915	4.875732	5.595951
2.304855	0.625974	2.59404	1.882889	1.366108	2.765902	1.309013	1.085387	2.158509	1.173375
3.374372	2.339977	3.346116	2.995881	3.529416	3.189481	3.660559	3.30745	3.214173	3.241465
3.364398	3.205039	3.541724	3.483243	3.533297	3.493056	3.423412	3.761445	3.661475	3.547304
0.105048	0.011882	0.011882	0.159833	0.12726	0.149073	0.478265	0.262485	0.011882	0.181072
0.195697	0.040664	0.136234	0.029523	0.242945	0.029523	0.029523	0.136234	0.073436	0.029523
4.480897	1.485489	5.076124	4.748404	4.587985	4.559718	4.572167	5.705273	3.672281	4.686796
4.346891	0.38798	4.463794	3.95994	3.626575	2.494676	3.090697	4.514159	2.655646	3.923505
4.342643	2.029002	5.798143	3.758418	3.868937	3.798721	3.813349	5.515026	4.315791	2.303087
3.433353	1.572902	3.272172	3.384106	3.447174	3.290631	3.216142	3.649038	3.540257	3.603352
4.354315	1.934634	4.398131	3.962501	4.065534	4.715307	4.202418	3.939485	4.980447	4.098554
7.39019	3.798456	7.376146	7.000769	6.862007	7.140125	6.914243	7.386884	6.904125	6.794889
0.044819	0.01857	0.01857	0.108254	0.282152	0.564833	0.03176	0.03176	0.01857	0.044819
0.50668	0.060314	-0.01006	0.732766	0.553735	1.319121	0.260222	0.991196	0.317262	0.230699
4.196653	2.77209	4.07544	3.672903	4.012029	3.745509	3.779542	3.606323	4.355468	3.453876
7.02181	4.438701	6.641991	6.509339	6.749237	7.024799	7.782496	6.574248	7.770788	6.564937
0.130282	0.009424	0.038641	0.121487	0.121487	0.019258	0.164705	0.076313	0.147642	0.112614
0.446819	0.1197	0.674601	1.156302	0.967301	0.523346	0.959502	2.060486	1.410956	0.870758
4.93379	3.04366	4.77227	4.767682	4.821805	4.710036	4.829698	5.070138	5.129621	4.885138
5.41689	4.494126	5.494916	5.404044	5.633819	5.348227	5.787784	5.709213	5.467941	5.072137
5.204243	4.392959	5.129719	5.380558	5.725825	5.497583	5.247654	5.043207	4.921129	4.812805
5.087087	2.985138	5.295378	4.82678	4.848799	4.424728	5.132906	5.349586	5.003298	4.878788
4.487241	2.88857	4.741872	4.748777	4.635393	5.152502	4.443246	4.790244	4.651028	4.796502
1.241187	0.92633	1.319116	1.419241	0.809111	1.34304	0.796243	1.255512	0.572208	1.280838
4.779929	2.614151	4.649226	5.753798	5.201427	5.572922	3.032869	7.08304	6.182979	4.81168
0.004922	0.036615	0.004922	0.015591	0.046974	0.026154	0.087439	0.026154	0.026154	0.026154
5.093239	4.869359	5.769204	5.664267	5.913045	6.054236	5.275555	8.363237	6.448592	5.564801
4.557424	2.496161	4.678662	4.360317	4.511615	5.148397	4.435181	4.510418	4.578868	4.473035
5.328133	3.186642	5.626831	5.200317	5.009529	5.939081	4.949753	5.431257	5.37747	4.927556
3.722352	0.902347	3.586847	3.449624	3.742363	3.916847	3.734193	3.422687	3.687083	3.656322
4.833556	2.057414	4.522016	4.858184	4.428872	7.475334	4.633204	5.033119	4.834424	4.918539

1.563209	0.316603	1.17014	3.008663	2.227033	2.327614	1.23818	1.597036	2.086939	2.678352
0.281078	0.191275	0.048549	0.138351	0.476089	0.048549	1.020813	0.170382	0.094281	0.116516
4.211423	3.295457	3.27991	4.673197	4.704384	4.835077	3.46438	3.935281	4.178751	5.562631
0.232732	0.232732	0.232732	0.293357	0.382102	0.232732	0.263195	0.323226	0.293357	0.352806
0.168875	0.181561	0.314073	0.302527	0.456183	0.55654	0.951287	0.103682	0.103682	0.206596
6.26396	4.511065	6.346774	5.692528	5.693416	6.298041	5.637372	6.715313	5.275739	5.39169
4.823208	2.77814	5.17261	4.899983	4.675625	4.643309	4.794105	5.425107	4.956535	4.383176
2.521712	0.981461	2.332094	2.876037	3.296272	2.685615	2.738964	2.617813	2.524942	3.020495
1.253807	0.489713	1.480545	1.173247	1.298619	1.395651	1.513026	1.43027	1.372056	0.938947
6.854962	3.535188	7.042724	6.979396	6.597533	6.788487	6.721798	6.971364	7.103541	6.719137
0.036611	0.000439	0.036611	0.000439	0.054432	0.000439	0.036611	0.174536	0.089561	0.054432
1.502779	0.028723	2.383248	2.293462	1.217874	3.071683	1.266233	1.340334	2.428352	1.127054
2.956856	1.589478	3.182717	3.09642	2.865343	2.994164	2.75214	3.158833	2.701687	2.844935
6.841142	3.074356	7.622852	5.435465	5.700154	5.814633	5.940569	7.73885	6.249798	5.555742
0.301973	0.049815	0.532175	0.466256	0.223143	0.797628	0.891897	0.175894	0.849221	0.187865
0.066732	0.016609	0.078962	0.311965	0.446613	0.534785	0.260218	0.114963	0.390634	0.342036
4.646299	2.732494	4.783251	5.015976	5.190816	4.912593	4.325076	4.458174	5.164507	5.578432
5.923694	4.065546	5.785513	5.88054	6.294868	5.665398	6.880102	5.758772	5.621732	5.725022
0.047036	0.034942	0.082628	0.059014	0.172826	0.094268	0.034942	0.183653	0.246701	0.047036
9.033049	6.231333	8.848303	9.087362	8.982446	8.900444	8.912128	9.413009	9.066526	9.453757
4.942029	3.658652	4.850494	4.856041	4.755352	4.591796	4.475072	5.078445	4.805604	4.903362
1.478812	2.107145	2.028178	2.011145	3.843412	3.400666	0.960512	3.329597	4.074038	1.926346
6.419556	2.292056	6.094654	5.811918	5.36466	5.381657	5.526761	6.94644	6.227779	6.437837
3.629495	2.528242	3.726449	3.858262	4.148593	4.015708	3.68987	3.982564	3.272544	4.468736
3.308609	2.422103	3.932194	3.289622	3.377691	3.838973	3.803734	3.952112	3.744332	3.264124
1.41188	0.435302	1.893403	1.625399	1.455276	1.345337	1.064718	1.985593	1.458548	0.993394
0.054288	0.022485	0.038463	0.006351	0.131218	0.022485	0.100874	0.054288	0.054288	-0.0264
0.647473	0.502957	0.686306	0.524483	0.86656	0.751912	0.86656	1.252976	0.805928	0.742716
5.233058	3.094517	5.381551	4.797878	4.645698	5.729391	5.165343	5.718899	5.461674	5.117972
3.960955	3.245125	3.699073	4.552322	4.058581	3.837915	3.662363	3.819333	4.011267	4.585382
2.439434	-0.02396	1.641126	1.580921	1.257107	1.666142	1.09026	1.562138	1.514698	1.457941
5.118051	2.706594	4.735371	4.961289	5.027044	4.800806	5.00468	5.515399	4.794865	4.398637
1.303019	0.666293	1.566165	2.079142	2.882571	1.134085	0.226166	1.448681	1.079916	1.900962
5.60185	2.794683	5.512325	7.212913	6.166182	4.994491	5.780778	5.627782	5.044852	6.23774
0.770132	-0.07922	0.664049	0.513124	0.479965	0.649952	0.709641	0.705175	0.410113	0.753223
3.34682	1.462988	3.422141	3.182064	3.313692	3.450112	3.338029	3.336556	3.255161	3.185506
1.788335	0.881783	0.938428	1.519838	0.887569	1.150964	1.481649	0.693895	2.381351	1.951807
0.662604	0.257451	0.732135	0.399388	0.59637	0.771992	0.399388	0.534247	0.603913	0.277379
5.064431	2.23372	4.590373	5.265717	4.801792	4.285263	4.441473	4.579786	3.804584	5.034138
6.756498	3.036609	6.631033	6.280038	5.736928	6.077421	6.814599	6.54801	7.113995	6.027198
0.748621	0.273466	1.100961	0.666597	0.404495	0.700036	0.605903	0.51391	1.088817	0.383562
4.547266	3.504676	4.246136	6.084927	5.277499	4.811562	3.307245	7.925363	6.588647	5.489732
7.135422	3.504889	7.502421	7.457849	7.266247	6.845112	7.334994	7.801272	7.273632	6.569132
0.290123	-0.01587	0.058726	0.238702	0.477349	0.009481	0.528564	0.593812	-0.01587	0.249152
3.398402	2.594826	3.486749	3.108284	3.296795	2.975808	3.244198	3.246791	3.266684	2.785579
2.649994	1.080099	3.548843	2.377066	1.565633	2.272138	1.384711	1.900692	3.888543	1.310018
2.732892	1.238967	3.200515	2.801372	2.63298	3.468384	2.921573	2.932358	3.246333	2.333237

4.889259	3.083464	5.277393	4.51939	4.492188	4.411598	4.096728	5.427631	3.736018	3.970111
2.299067	0.205749	2.838872	2.062178	2.37881	2.554129	0.782339	3.527272	1.664423	1.62339
4.138985	1.449982	4.536461	3.884786	3.759996	3.925362	3.363359	4.511832	2.353531	3.46802
3.658027	1.884398	3.89031	3.735957	3.689643	4.327927	3.769707	4.031325	4.381678	3.751329
9.426828	5.242671	9.139933	9.176813	8.828419	9.548049	9.2923	9.243835	9.724684	8.837768
4.609708	2.987029	5.542612	4.346994	4.80065	4.704279	4.519386	6.273644	4.20602	4.577991
4.239966	2.036663	5.992173	3.712168	3.60192	4.490449	3.784448	4.633346	5.586615	1.757737
8.481473	4.876606	8.96389	8.699515	8.841976	7.378241	8.89169	8.293835	8.490589	8.256899
4.819816	1.949143	3.792273	4.796713	5.382814	4.445219	4.021372	4.14464	3.832577	4.654083
3.713806	3.169305	3.865508	3.709761	4.053753	4.09599	4.114643	3.95616	4.072608	3.946862
0.855536	0.754871	0.256043	1.18631	1.832312	0.819973	2.297986	-0.08254	1.073446	1.663358
3.413999	1.281669	3.406144	3.552196	3.728229	3.364802	3.572616	3.397094	3.057362	3.36831
4.059169	1.932169	4.242727	4.63905	4.335662	3.636264	4.415385	4.59653	3.977681	4.068203
3.568257	1.977888	3.578598	3.599683	3.661738	3.585189	3.558558	3.831617	3.468378	3.610416
2.609404	0.436487	2.523706	2.783219	3.113335	1.77758	2.875255	1.168237	3.059576	2.166105
3.554232	2.006712	4.594788	3.871207	3.607713	4.743882	3.334421	3.32855	4.569808	3.294218
2.223849	0.66685	2.100046	2.137196	2.296678	2.002385	1.742247	2.292964	1.94491	2.470891
3.898939	2.662607	3.654148	3.590248	3.527253	3.196286	4.183363	2.886023	4.340102	3.423155
2.791792	2.134353	3.219567	2.023357	3.356507	2.579478	3.358004	3.219567	1.806473	2.599019
3.839092	2.504687	3.761397	3.707393	3.776036	4.314018	3.658871	4.202795	3.71548	3.827154
1.238618	0.979954	0.747725	1.491058	1.392928	1.407404	0.868978	0.973287	1.744101	1.758863
4.864903	2.732747	4.66956	4.662277	4.739964	4.698393	4.748758	5.035181	4.554047	5.072551
2.318237	0.718172	2.672833	3.352471	2.108847	4.560657	2.243457	3.08369	2.144759	2.345673
5.23113	2.389768	5.321327	4.984623	4.787984	4.758719	4.84545	5.28839	5.27162	5.169404
5.156207	3.874296	5.127857	5.267454	5.257396	4.905824	5.232486	5.36747	5.425695	5.115368
5.587149	4.183878	5.919385	5.854626	5.923298	5.593693	5.807224	5.994484	5.3716	5.480551
4.985915	3.7366	5.374839	5.899075	5.011511	4.974927	5.177266	5.700542	5.260345	5.149768
4.823104	4.634523	4.672731	4.955032	4.914196	4.457782	4.77957	4.817403	4.655335	5.319043
7.617714	2.727365	7.012278	7.274404	5.630587	4.593816	7.98697	4.575931	7.983727	5.676565
5.712804	3.068667	5.238626	5.559247	5.56325	5.384027	4.785993	5.299318	7.884338	6.990813
3.582207	1.521387	3.95318	3.736436	3.646005	3.956973	3.516621	4.300595	4.042049	3.544908
5.76292	3.805035	5.112488	5.283747	6.017179	5.394146	4.954692	7.762078	5.030908	5.889678
2.902083	1.360928	3.48542	3.371183	3.632724	3.175729	3.388538	3.439015	3.256304	3.265406
3.089529	1.800823	3.307782	2.970081	2.92339	3.290572	2.782395	2.930177	3.203133	2.812754
2.840278	0.349767	2.787565	2.661497	2.470086	3.369637	2.590754	2.573573	3.687	2.250194
2.789721	1.397546	2.902203	2.450737	1.698145	2.251631	1.835215	2.466286	2.544477	1.583291
1.753426	0.113759	0.299412	1.065374	0.656127	-0.0143	0.37394	0.264641	2.78309	0.28216
5.608675	3.640527	5.362258	5.809896	5.600836	5.604292	5.462634	5.503284	5.384117	5.769389
5.11455	3.822301	5.209967	4.792313	4.743649	4.593411	4.883777	5.508334	5.251619	4.530299
6.035706	3.527605	6.04641	6.133508	5.883329	5.90858	5.785302	6.069924	5.899414	6.010839
0.124475	-0.02254	0.132978	0.115899	0.025785	0.071866	0.2965	0.071866	-0.02254	0.107247
3.125174	0.459343	4.266822	1.029494	1.866494	1.386926	2.09765	4.761115	2.043096	1.644855
3.552012	2.140177	3.17181	3.246785	3.246785	3.224183	3.427809	3.455475	3.333838	3.445724
5.756088	2.918676	5.979958	5.079681	4.174664	5.182799	3.124371	6.156502	4.30193	4.324633
1.629209	1.820461	1.768863	1.862635	2.153365	1.501129	2.024283	1.903374	1.422784	2.196551
3.915285	5.19073	4.090928	4.043003	4.033516	3.98519	4.419033	3.736021	4.17875	4.407624
7.052049	4.459894	7.107336	7.169686	7.168659	6.912683	6.924136	7.2048	7.219386	7.282769

3.176094	2.137454	3.370281	3.330554	3.679521	3.555127	3.227847	3.137381	3.486778	4.254727
0.315115	0.300013	0.603804	0.315115	0.725234	0.816287	0.53954	0.431167	0.315115	0.68974
4.706256	2.530812	4.908746	4.865244	4.958647	4.677574	5.254931	4.930299	4.926821	4.550494
4.593539	2.071153	5.023599	4.492437	4.488668	4.595666	4.278721	4.868176	5.01208	4.275235
3.614483	1.974051	1.88048	4.202772	5.568435	2.672814	6.455278	1.259908	1.43559	2.878116
1.800249	0.56866	2.689773	1.893086	2.155949	2.715178	1.987392	2.087368	2.364672	1.671037
0.071166	0.014424	0.057188	0.152313	0.278196	0.125767	0.459276	0.191241	0.325635	0.203988
5.054361	4.292416	5.587505	5.415955	5.460345	5.736152	5.444298	5.695103	5.747626	5.354131
4.684815	2.373582	5.319022	3.637354	2.773442	4.867692	3.531544	3.369219	5.852799	2.970681
6.563798	3.730785	6.697481	6.433374	6.541525	6.303963	6.323635	6.486811	6.788457	6.585043
6.380715	3.019898	5.56093	6.109942	6.03352	5.54175	5.430271	5.883087	5.369643	5.919847
3.190931	2.735913	3.672083	3.189508	3.128178	3.271813	3.705429	3.416963	3.552713	3.202597
3.7336	2.601163	4.047175	3.831551	3.816273	3.628658	3.582712	4.056743	4.236421	3.565494
3.343048	3.002978	3.198768	3.545872	3.725388	3.415862	3.392037	3.313824	3.014846	3.480115
0.462118	0.136344	3.285779	0.999711	0.261642	0.904821	0.08756	2.41653	0.272447	0.744121
0.513055	1.337706	-0.06879	0.724182	2.446341	1.314829	2.153835	0.005557	0.379855	0.984534
2.449003	1.104117	0.442671	1.662907	1.234228	1.985809	1.35879	0.990391	3.02652	2.404585
1.050072	0.060775	1.115332	0.365022	0.04293	2.424142	0.264298	0.976952	0.876664	-0.1944
6.875197	4.841446	6.39968	6.665605	6.589076	6.502343	5.87416	6.688138	5.756551	6.601762
3.532292	2.360177	3.492047	3.393055	3.373296	3.200402	3.545374	3.233522	3.502105	3.538
4.787969	3.05256	5.05729	5.057607	5.326652	4.439798	5.113112	4.627362	4.755735	4.821645
4.026498	2.473018	3.96106	3.996608	4.128688	3.905352	4.062813	4.222152	4.075755	4.14753
3.566851	2.531862	3.771003	3.038536	3.74784	5.526489	3.313381	3.839007	3.657803	3.6018
3.758868	2.732915	3.681944	5.337951	4.192923	4.552235	4.241977	3.613615	4.238171	4.49993
5.720205	3.130066	5.046285	5.846301	6.533364	4.942344	5.821449	5.837827	4.498974	5.031483
5.906682	3.31271	4.679486	5.372081	5.414113	5.759326	5.266243	4.95308	4.578835	5.250441
2.763338	1.408584	2.867102	2.754661	2.934089	2.446259	2.852874	3.069875	2.726415	3.170522

CGGA_P1	CGGA_P1	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2
1.331896	1.294474	0.744388	0.854708	0.240398	0.322023	0.264237	1.310642	0.549988	0.481622	
1.458814	2.116485	1.19748	1.469887	0.974475	0.603797	0.302583	0.71979	1.560718	1.908601	
5.719024	5.547275	5.889794	5.730227	3.005048	2.504388	2.177049	5.416597	5.735115	5.613879	
3.627097	2.599396	2.85518	6.216356	-0.15912	-0.02293	-0.25625	3.66143	2.179366	2.97093	
2.360052	1.635038	1.123673	0.658994	0.545997	0.422033	0.697727	1.177212	2.095471	2.317798	
6.958178	6.766749	7.197663	7.235116	4.421838	4.301222	4.892955	7.54072	6.640919	6.847426	
5.810364	5.608742	6.162143	6.437119	4.861113	3.851548	4.031836	5.695051	5.82865	5.475666	
1.451671	0.971583	0.964825	0.141705	0.3005	0.241205	-0.00197	-0.15862	1.517584	0.49297	
0.186599	0.186599	0.009871	0.009871	0.009871	0.164415	0.059466	0.107188	0.175555	0.009871	
5.839242	5.502775	5.610653	5.901546	2.15762	2.314801	2.4909	5.721993	5.804013	5.499557	
5.098957	4.652571	4.837594	5.019484	2.443226	2.351012	2.55798	5.091789	4.834937	4.603699	
3.689981	3.389516	3.535597	2.68039	1.574197	1.459558	1.661422	2.560514	4.061367	3.665548	
3.018426	2.012697	2.409207	2.599886	0.61849	0.896032	0.733238	1.720639	1.284765	2.184984	
4.06067	2.762835	3.410096	4.184249	0.901627	1.13947	0.972035	4.046237	3.402461	2.632175	
6.137323	6.152872	6.235672	4.839978	3.987501	3.956069	3.489223	4.943446	5.604116	6.116404	
3.84108	3.999268	3.407563	3.383457	1.449851	1.943105	1.674918	4.343876	3.905975	4.021042	
2.341381	1.837821	0.994707	0.714979	1.055269	1.005955	0.818071	1.081789	1.123003	1.821268	
8.249887	8.094341	8.240345	8.680891	6.528165	6.677717	5.906777	9.004471	8.050379	7.857408	
6.423066	5.871953	5.859355	4.351971	4.250429	4.387238	4.689243	4.87946	5.663276	6.29691	
4.614214	4.592867	4.270927	3.503777	2.513681	2.372368	2.606897	3.282582	4.710919	4.983175	
3.414792	3.407317	3.137194	2.893834	1.574007	1.387375	1.76517	3.142073	3.78906	3.615989	
3.979902	4.482298	3.59999	2.664265	1.837144	2.041761	1.647903	2.01566	4.201404	4.268111	
3.224262	3.207057	3.071244	3.041788	1.306444	1.328244	1.230245	2.983097	3.140158	3.212824	
0.582709	0.425006	0.208485	0.4518	0.570888	1.441753	0.61743	2.565901	0.086528	0.029838	
3.821691	3.575588	3.515626	3.855303	1.213395	1.440377	1.302945	4.064783	3.825105	3.632037	
4.088073	3.45443	4.005061	3.256084	1.336236	1.304554	1.238535	2.057763	3.925574	4.014121	
1.460838	1.305428	1.497981	0.873479	0.276553	0.307287	0.255655	0.572145	1.431199	1.197342	
6.161329	5.458217	5.682052	4.679534	3.416639	4.403791	3.13765	4.185997	5.510294	5.57382	
3.360137	3.41578	2.873718	1.70544	4.04367	3.990616	4.096242	2.096055	3.287585	2.541894	
4.399738	4.344967	4.472801	4.552046	5.347779	4.44841	4.842129	4.791404	4.37102	4.333827	
3.667931	2.020519	2.523511	4.082266	1.920552	1.57829	1.274217	2.679018	1.762822	2.727618	
5.722234	5.259774	5.216851	4.162256	2.022455	2.350048	2.765202	4.25225	5.617032	5.297871	
6.117822	6.119578	5.677589	5.866853	2.600981	2.635646	2.59283	4.912215	5.740554	6.417187	
3.462503	2.864237	3.081054	3.256999	1.384564	1.452716	2.017721	3.245835	3.128228	3.058404	
3.405422	2.788076	2.477591	2.302132	1.337615	2.145879	2.012248	2.842895	3.657828	2.117885	
3.335042	3.11351	2.569455	2.035681	3.363791	2.79654	3.486002	2.387365	2.766804	3.410739	
5.359696	5.20864	5.395183	5.6285	2.925263	2.794976	2.713954	6.324502	5.353529	5.44021	
3.901781	3.648117	3.857641	4.107576	2.270763	2.598571	2.054588	4.231593	3.837273	3.906321	
5.22171	4.795379	5.114798	4.48442	3.112167	3.148201	2.049097	4.479075	4.24678	4.425851	
0.150289	0.16423	0.191735	0.048966	0.122019	0.018737	0.018737	0.033927	0.093216	0.122019	
1.868451	0.46446	0.161817	0.055969	-0.03602	-0.03602	0.737457	4.155586	0.010858	0.055969	
2.842676	2.205037	2.061899	2.518845	1.596644	1.501814	2.044089	2.408675	3.180621	2.550102	
3.242728	2.665789	2.155964	2.941173	0.674829	0.266976	0.266976	2.833847	1.884397	2.626528	
1.615263	1.704465	1.010626	0.378598	0.979363	1.341842	0.294192	0.32304	1.531325	1.314755	
2.038196	0.79377	0.943722	0.515076	0.01516	0.163418	0.295513	0.276104	1.383705	0.266281	

10.41863	10.37889	10.39205	11.50617	7.284386	6.774074	6.284714	11.15708	9.98616	10.62895
6.433269	5.936036	6.354656	5.323241	2.059044	1.15102	2.123586	5.246946	6.560434	6.094076
4.099992	3.824984	4.043133	4.919909	1.033381	1.071321	1.23394	5.162781	4.269332	3.564725
2.276811	0.910207	1.55083	1.72212	0.21723	0.356315	0.753562	1.278378	0.997659	1.317962
1.509272	1.176019	1.099315	0.683989	0.223045	0.306061	0.265135	0.278903	1.114978	0.459307
0.4626	0.833449	1.143912	0.216238	-0.0458	-0.0458	-0.0458	0.181153	0.971823	0.838354
3.185962	2.583136	2.59841	1.955722	1.628972	1.713804	1.455738	1.751933	2.677915	2.516102
4.893618	4.674319	4.674746	4.776356	2.293537	2.06425	2.483172	4.994017	4.888832	4.789343
4.258412	4.667033	4.579093	4.696302	2.068124	1.84271	2.037273	4.511588	4.47117	4.755657
0.446719	0.131137	0.029448	0.290894	0.029448	0.029448	0.073874	0.186298	0.088396	0.328314
1.350174	0.121025	0.277141	0.664025	-0.12436	1.273931	1.465438	2.746629	0.218794	0.325012
7.798931	7.55114	8.121442	8.068337	4.639886	4.095193	3.974696	6.498878	5.838355	8.061527
8.707129	9.040729	8.810531	8.93027	5.841471	5.406853	5.409881	9.07634	8.924879	9.100983
4.901894	3.744757	4.326938	4.835148	1.507684	1.497116	1.453719	5.185081	4.108722	3.592943
2.404994	2.54089	1.531471	0.755278	0.790632	1.670366	0.991019	1.507509	1.872805	2.427962
4.885217	4.470502	5.380238	6.363916	2.292089	2.568437	2.338167	6.552109	4.929127	4.876734
2.109553	2.548668	1.367872	2.161324	-0.24743	-0.36657	0.010104	2.597868	1.926144	1.430365
3.921202	3.667973	4.208698	3.282719	2.577662	2.22152	1.964427	3.174002	3.78806	3.752865
1.212933	0.861306	2.300368	0.626777	-0.14207	-0.1948	-0.18405	1.236756	0.729458	0.328439
8.368632	8.373	8.257547	9.125127	4.551254	6.406876	6.272579	9.516617	8.596008	6.106472
4.563112	4.029401	3.653539	2.708846	2.898885	2.215895	2.527411	2.661511	4.026127	4.141544
4.874063	4.317012	4.322828	3.79098	1.986449	2.373982	1.981639	4.680479	4.363888	4.667054
0.992261	0.678375	1.265795	1.217766	0.068394	0.392016	0.187609	0.17012	0.661885	1.544835
5.351543	5.708659	5.404877	5.17156	2.949481	2.684037	2.500569	5.448703	5.615661	5.523586
4.116901	3.844443	3.779943	3.074064	2.531057	1.957106	2.278035	2.992391	4.424374	3.488503
3.126858	3.079304	2.866992	2.346275	1.276715	1.417613	0.497088	2.084847	2.147506	2.805535
2.650412	2.548781	2.640813	2.991346	1.316935	1.200119	1.112279	3.73065	2.799058	2.37673
5.099227	4.431301	4.41797	4.32195	1.838481	1.656297	2.118768	4.342394	4.980357	3.731145
4.503892	4.177565	4.238455	4.908315	2.07483	2.751936	0.892385	4.153119	4.65455	2.929729
4.146901	5.592134	4.595166	4.682269	1.306847	0.516464	0.77068	2.904392	2.608999	5.695924
2.1735	2.642022	2.937534	3.316314	2.059338	2.087338	2.026186	3.446719	2.704476	2.657386
4.189606	3.333508	4.03111	2.385988	2.581899	1.818341	1.554204	1.766373	3.399898	3.554266
3.907182	3.432128	3.235892	2.559489	1.81852	1.238477	1.65051	2.237016	3.400226	3.10481
4.304124	3.576871	3.758613	2.948553	2.995259	2.707519	2.453391	3.005366	3.897267	4.019299
2.179293	2.074054	1.861015	1.055531	0.481263	0.684725	0.316647	2.524287	2.581057	0.911187
3.812076	3.893888	4.280792	4.460655	2.310672	2.422683	1.708528	4.06421	3.83547	3.827596
7.248705	7.089681	7.440717	8.316504	5.052019	4.593081	3.931081	8.600929	7.22236	7.082988
1.022742	1.458432	1.57222	1.036238	0.378292	0.307709	0.378292	0.588096	1.518908	1.593773
4.981952	5.056777	5.351687	6.11129	3.372299	3.614701	3.091968	6.674112	5.150843	5.055426
0.707785	1.368819	1.054023	1.404434	0.908458	0.158309	0.076119	0.16964	0.669848	0.646547
4.184288	3.87156	4.142767	3.528793	1.699031	1.971774	1.694845	2.693134	4.037567	4.358283
1.41624	2.935209	3.585014	3.221142	0.256307	2.915384	3.158404	5.905517	3.520906	3.232511
3.008418	2.367215	2.655901	1.64445	1.943896	1.469292	1.006151	1.636487	2.334668	2.891399
3.052735	2.798177	3.030544	3.161839	1.085558	2.309332	1.210009	3.29461	2.757676	2.607187
4.717526	3.338196	3.216061	3.111928	2.588645	3.845369	2.986836	5.076778	3.199239	2.308878
0.806447	0.749567	0.131868	0.495169	0.051625	0.051625	0.051625	0.942756	0.302702	0.182878
2.344326	2.907507	2.742879	4.016939	0.814178	0.763992	0.471095	3.57725	2.454106	3.294589

1.896213	0.197575	0.259683	0.274847	0.766291	0.259683	0.213325	0.650631	0.197575	0.56449
3.968799	4.148251	3.966997	4.801595	1.792355	1.772249	1.860323	3.870534	3.639657	4.437943
2.403363	2.191005	2.779212	2.994073	0.39458	0.820862	0.401009	2.101422	2.097412	2.913294
4.375924	3.455075	4.631427	3.523776	1.830566	2.478289	1.853584	3.199967	4.175274	4.208734
3.20263	3.011746	3.317582	2.963919	1.810658	1.713904	1.145363	3.056693	2.56072	2.880676
6.759978	7.539134	6.508454	5.978144	4.098165	4.612925	3.712878	5.958432	7.204769	7.237792
3.288722	3.109146	2.90642	2.419304	1.687335	1.325	0.928314	0.894814	2.727278	3.297965
7.131786	7.838316	7.439561	6.038548	6.200484	3.891443	4.172877	6.082375	6.880511	7.404372
3.268627	2.687104	2.269966	2.846474	0.469457	1.770414	0.668933	2.791102	1.251592	2.486039
3.045342	2.55849	2.792491	2.608909	1.066693	1.430253	0.276991	1.863116	3.080407	3.176685
4.501769	4.088952	3.98952	3.358166	1.628363	1.95976	1.703069	2.690939	3.861963	3.758977
0.62596	0.103917	0.164612	0.306858	0.306858	0.072671	0.119311	0.134556	0.36035	0.072671
8.360937	8.216379	8.525299	8.400297	5.351723	5.104519	3.399087	7.957684	8.272377	8.090723
5.065498	4.77187	4.728272	4.437245	3.09463	2.855325	2.179084	5.039247	5.131455	4.804122
4.248022	3.12868	3.032527	2.669469	1.398426	1.111901	1.380473	3.406668	3.27811	3.379898
0.923837	1.016846	0.938566	0.750351	0.235275	0.247494	0.133366	0.210503	1.961187	0.775349
5.106026	5.028242	4.85478	3.816671	2.048275	2.504231	2.301156	4.875049	4.508003	5.100439
3.001387	1.765357	1.81626	1.496807	3.10515	1.74161	1.062521	2.668791	0.967236	1.74161
3.763159	3.181117	3.140879	2.40768	1.887172	1.946889	1.798604	2.523213	3.314856	2.619957
3.450198	3.565695	3.53705	3.0998	3.047438	2.436014	2.816593	2.835	3.618149	3.239147
0.310721	0.181072	0.357108	0.181072	0.011882	0.023927	0.011882	0.023927	0.320141	0.366176
0.11569	0.062618	0.062618	0.029523	0.11569	0.214836	0.029523	0.029523	0.029523	0.062618
3.967118	5.512569	4.301267	3.215676	1.531449	1.069325	1.012688	1.90303	4.528933	5.020301
2.541055	3.909552	3.52072	2.92329	0.416915	0.348283	0.163187	3.419568	3.42035	2.410746
3.310011	4.71864	3.172519	2.253443	2.571569	1.299661	1.110606	1.481893	3.552666	4.722366
3.467062	3.361481	3.49875	2.673095	1.406487	1.141441	1.356955	2.277101	3.377368	3.554704
4.828936	4.27567	3.75154	3.738369	1.671804	1.94586	1.776058	3.804346	3.984262	4.250318
6.937689	7.107742	7.133123	7.306793	3.297868	3.538549	3.225	7.457807	7.293402	7.081112
0.108254	0.083243	0.070559	0.01857	0.083243	0.01857	0.01857	0.070559	0.108254	0.044819
0.772182	0.746043	0.847485	0.778633	0.060314	0.62844	0.013839	1.080291	0.137718	0.538246
3.35905	3.783498	3.986037	2.118326	2.844356	2.305311	2.023742	2.685512	3.292734	3.837356
7.676652	7.072891	7.303221	7.47697	3.639504	2.915369	3.873528	7.085253	7.133309	7.431679
0.121487	0.094629	0.173129	0.067027	0.048193	0.009424	-0.00051	-0.00051	0.067027	0.103662
0.837056	1.427908	0.317521	0.188759	0.280107	0.544472	0.280107	0.365916	0.292689	0.480124
5.526273	4.849163	5.073845	3.512184	2.890979	2.491355	2.358236	3.528087	4.631321	4.882531
5.509081	5.42443	5.570047	5.954274	4.031926	3.383236	3.70742	5.902098	5.527834	5.450163
5.393234	5.460393	5.052134	5.550125	4.302841	4.017651	3.999546	6.013841	5.232543	4.86454
5.114468	5.033845	4.49246	4.173314	3.563987	2.995037	2.985138	3.953054	4.979547	4.951364
5.081644	4.544233	4.635393	3.455849	3.041224	2.935993	2.491551	3.589909	4.726518	4.677183
1.032295	1.209001	0.937776	1.467269	0.871292	1.429015	1.157338	1.7109	1.076684	1.399429
5.31145	5.53889	3.768586	3.748068	3.084476	3.7256	1.899694	4.195229	4.093487	4.010563
0.107113	0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.004922	0.036615	0.046974
6.52803	5.697585	5.823693	5.216247	5.93074	5.983635	5.445459	4.988566	5.017041	5.488897
4.613724	4.466536	4.529167	4.187832	2.417536	2.415433	2.072752	4.590406	4.504167	4.644865
5.468476	5.195778	5.199518	4.369827	3.426933	3.914741	3.539592	4.009556	5.002481	5.279097
3.727752	3.575618	3.568062	2.793341	0.764891	0.79938	0.757848	1.976643	3.39048	4.019472
4.722159	4.277652	4.995724	6.250775	2.4592	2.242519	1.73582	5.612243	4.307824	4.30363

2.310991	1.506261	1.576	3.429186	0.197895	1.06711	0.961933	4.075001	1.545955	1.705027
0.578111	0.159799	0.922948	0.03684	0.001022	0.001022	0.013079	0.03684	0.261689	0.025018
4.73785	4.590591	4.994403	4.349878	2.923926	3.147654	2.565719	5.228244	3.979593	5.199938
0.232732	0.524522	0.496563	0.232732	0.232732	0.232732	0.232732	0.765287	0.232732	0.232732
0.403201	0.243337	0.103682	0.116963	0.021264	0.049274	0.021264	0.575784	0.325526	0.359339
5.79501	5.79199	6.099613	6.017533	4.257736	3.671334	3.082322	5.60809	6.043796	6.410478
4.82901	4.686455	4.68761	3.699626	3.105302	2.168383	2.175137	2.720733	4.7325	4.668608
2.774486	2.639894	2.303072	2.580033	0.71481	1.542884	1.155186	2.267239	2.570776	2.813949
1.447242	2.342041	1.458437	0.922296	0.393126	0.557767	0.466223	1.02694	1.247279	1.298619
7.077353	7.186466	6.706929	6.873	3.714468	4.245821	3.011842	7.130799	7.035144	6.848532
0.378578	0.000439	0.000439	0.000439	0.000439	0.000439	0.018615	0.000439	0.000439	0.174536
2.147684	1.914066	1.360666	2.104213	0.86564	0.959464	0.325511	2.669606	1.508708	1.953052
2.766392	3.158214	2.823302	2.849868	1.539246	1.203268	0.900695	3.254242	2.82582	3.340973
6.094598	6.107752	5.799888	6.295067	3.110056	2.684348	2.559656	6.829972	6.063569	6.016902
0.427058	0.812576	0.344996	0.199729	0.062977	1.733202	0.062977	0.151621	0.290995	0.365993
1.212916	0.138413	0.16144	0.228133	0.103075	0.149979	0.029325	0.301782	0.281169	0.238917
5.085895	4.964146	4.930774	4.547703	2.788735	3.059407	2.814739	4.898597	5.215789	4.974053
6.193018	5.788507	5.793619	4.814079	3.424291	2.932911	2.681642	3.495328	6.316063	5.962157
0.150884	0.139766	0.094268	0.034942	0.022728	0.010393	0.010393	0.034942	0.094268	0.1058
9.834049	9.26839	9.743276	10.52658	5.757745	6.186132	5.971948	11.05059	9.547118	9.138879
5.068109	4.795393	4.64932	5.051266	3.278606	2.948474	2.83804	5.531502	4.817726	5.034379
0.797926	5.519814	1.010735	0.846355	0.86995	1.671071	0.401318	1.900605	2.350067	1.63559
6.421256	5.455086	6.04215	7.694501	2.757806	3.283328	2.428617	7.690309	4.73961	5.612691
4.160137	3.986359	3.934806	3.32532	1.976026	2.354087	1.567662	3.166627	4.240589	3.934237
3.911905	3.992471	4.004554	3.278477	2.110685	1.659185	1.886442	2.566504	3.699626	4.091374
1.879927	1.61974	1.664249	0.927763	0.963571	0.685588	0.427279	1.041434	1.022459	1.312411
0.131218	0.146184	0.022485	0.006351	0.315943	-0.0264	0.022485	-0.0264	0.100874	0.175715
0.770137	0.742716	0.742716	0.733462	0.079279	3.196388	0.107843	0.366806	0.607597	0.657277
5.441468	5.508501	5.64274	5.079645	2.286715	2.304001	2.098372	4.120207	5.526518	6.056515
5.819332	4.070114	3.663648	2.686804	2.799124	4.482398	5.914872	4.038583	3.161857	4.619038
2.263011	1.417443	1.633303	3.123357	0.432142	0.209726	0.27197	3.406344	1.116785	1.312526
5.632177	4.59688	5.496269	4.948227	4.506973	4.763572	2.06285	4.698875	4.777998	3.998189
0.468508	2.972871	0.161822	0.738296	0.080557	0.18791	0.18791	0.934712	1.199017	0.720634
5.746741	5.412328	5.857877	5.588799	3.121093	4.263223	3.526337	4.014807	5.451889	4.793051
0.696182	0.295114	1.542005	3.22914	0.059028	-0.04998	0.059028	1.897881	0.545208	0.823171
3.022649	3.137975	3.284085	3.631848	1.598447	1.419116	1.545267	3.518177	3.408079	3.286673
2.722936	1.278526	1.397666	3.159232	0.659524	0.720703	0.421321	2.730475	1.20982	1.720832
0.534247	0.718549	0.992151	0.287219	0.163426	0.460268	0.267457	0.216572	1.466006	0.640931
4.451969	4.662632	4.831213	5.197304	1.806817	1.267349	1.907776	5.194412	5.058528	4.541705
6.254084	6.316047	6.029728	5.542082	3.630545	2.873462	2.570389	5.021474	5.948758	6.429377
0.810673	0.787753	0.683425	1.254601	0.26192	0.273466	0.214673	0.764417	0.532842	0.787753
4.40027	4.876284	4.046072	3.472908	4.181808	5.410017	2.58883	4.036878	4.02994	3.325404
7.650847	7.975693	6.891652	6.608639	4.093252	3.085667	3.075741	5.692224	7.364584	7.667838
0.320013	0.310127	0.106147	0.021971	-0.01587	-0.01587	-0.01587	0.259519	0.553424	0.249152
3.288721	2.99143	2.988977	3.213929	2.776687	2.035336	1.854046	3.264775	3.022818	3.190328
2.175146	2.278361	1.667424	2.007465	2.022583	1.049341	0.654037	1.251128	1.724977	2.414036
3.158808	2.756619	2.913117	3.204322	2.402107	2.168834	0.804875	1.522303	2.819863	3.010843

3.683143	4.363922	4.640576	3.154922	2.837883	1.409633	1.849455	2.197605	4.446004	4.596243
1.845285	2.885912	2.28655	0.539794	0.253936	1.078474	0.116917	0.675269	2.170937	2.543832
3.171243	4.052223	3.541384	1.594991	1.319613	1.100819	0.861229	1.359317	3.155387	3.335837
4.510874	4.227987	4.094313	3.579186	1.795533	1.920362	1.955173	3.511981	4.10617	4.58817
9.23814	9.277109	9.171819	10.54236	5.424274	4.945573	4.907907	10.00244	9.294404	9.335756
4.842215	5.502041	4.754994	4.334592	3.193296	1.103214	1.975035	4.605063	5.587604	5.723118
4.775651	4.722515	4.002199	3.059483	3.570423	2.486179	2.026517	1.812252	3.93935	5.011586
7.646036	9.620371	8.709651	7.539921	4.389036	4.061488	3.613207	6.159197	8.027323	8.684423
4.716719	4.218449	4.601181	4.290189	3.099908	1.933397	2.542245	2.937798	3.612383	4.437871
4.620069	4.179655	3.458553	2.588499	2.739749	1.680843	2.198529	1.867116	4.076048	4.274254
1.956408	0.951887	0.71589	0.759649	0.154187	-0.00421	0.983541	0.12088	1.243376	0.233349
3.506047	3.47589	3.004469	2.780278	1.247913	1.18613	1.091134	2.6669	3.533377	3.586014
4.137387	4.324514	4.370122	4.459013	2.003629	1.572757	1.741045	3.920683	4.150367	3.798846
4.213334	3.638485	3.598243	2.911186	1.881821	1.948142	1.700962	2.708042	3.593911	3.725241
1.828429	2.274833	1.757924	1.661526	0.617231	0.328726	0.506387	1.022308	2.350685	2.572275
4.687879	3.828601	3.31969	2.72576	2.205014	1.634499	1.734855	2.833371	3.325604	4.337118
1.92156	2.139343	1.814108	1.032805	0.658442	0.926233	0.844129	1.707642	1.769758	1.831351
3.523655	3.470225	2.889084	2.716757	2.426691	2.030946	1.345979	1.594827	3.619716	4.248141
2.720236	4.388069	4.66426	3.753713	1.507002	4.529498	0.554232	7.132245	2.83187	3.882583
3.839684	3.895053	3.946988	4.649568	2.244457	2.365077	2.001723	5.014164	3.976904	4.198659
3.061636	0.939432	1.312896	2.171061	1.353523	1.535322	1.535322	2.767593	1.194203	1.651855
4.684947	4.80642	4.834424	4.888886	2.709862	2.758773	2.019578	4.313472	4.814198	5.085286
4.033407	2.56463	3.481724	3.071825	0.718172	0.867649	0.887717	3.006727	1.913448	2.421589
5.020876	4.985523	5.070298	4.906964	2.610529	2.484699	2.541058	3.817261	4.869972	4.976487
4.91251	4.707072	4.998831	4.533239	3.579226	3.500425	2.796864	4.594321	5.110895	5.253941
5.867258	5.532261	5.235288	3.817032	4.234678	3.383941	3.424491	3.643382	5.868804	5.764759
5.146602	5.416728	5.465352	4.6225	3.364505	4.502533	3.980509	3.518936	4.846173	5.194429
4.835581	4.766395	5.374078	5.955551	3.906649	4.305269	3.839766	6.396212	4.734643	4.862606
5.386572	7.735562	7.04078	8.066619	4.554846	0.101896	1.931206	6.698301	4.549272	6.891888
6.624746	5.400652	5.107809	4.034843	4.586916	8.440634	1.440793	2.61075	6.271185	6.718662
4.635041	3.580049	4.296205	4.005077	1.565589	1.713522	1.359131	3.202645	3.737368	3.809369
7.062958	5.999096	7.103703	4.789021	5.040583	6.921359	4.092946	5.035352	6.185851	4.674753
3.714728	2.966416	3.043949	1.898419	1.008071	1.042929	1.085	2.246271	2.928578	3.117664
3.255365	2.876506	2.694547	2.747261	1.754966	1.445721	1.193988	3.279372	2.751218	2.981465
3.109305	2.571998	2.072435	2.998998	0.836061	1.455227	0.71508	3.077788	1.749613	2.22094
2.46242	2.131376	2.574603	3.840375	2.159833	3.095312	1.204691	3.575469	1.730753	2.221879
0.28216	0.008081	0.598498	0.255779	0.290819	0.299412	0.051545	0.273435	0.585282	0.093399
5.884818	5.201008	5.676188	5.443153	3.695429	4.001836	3.267131	5.12396	6.022162	5.634274
5.085512	5.333948	5.273714	4.462963	3.64894	2.394091	2.342339	3.64894	5.1806	4.846188
6.119713	5.983476	5.683066	4.961884	3.214595	3.517402	3.283699	4.444528	5.91646	6.011391
0.09852	0.190537	0.166277	0.762966	-0.02254	0.016306	-0.02254	0.559696	0.282039	0.071866
1.285728	0.648814	3.428987	1.383983	-0.24773	-0.22467	-0.21331	2.994442	0.697075	0.372813
3.715626	3.546483	3.797622	4.18469	1.749885	2.29427	2.159953	4.411202	3.666596	3.586169
5.954244	4.592364	5.579404	3.846601	4.202901	1.629263	2.106815	3.529475	4.420428	5.639818
2.022152	1.942771	2.376035	2.254156	0.35221	1.124503	0.607169	1.000906	2.108562	1.810318
4.339104	3.732165	3.677224	2.936519	3.881467	2.300045	4.098102	2.590496	3.664211	4.117568
7.221655	7.089776	7.295647	6.69808	3.902672	4.210043	3.774818	6.156777	7.203288	7.318066

3.500533	3.048361	2.777688	2.247745	1.841298	1.462045	1.909069	2.663993	3.53722	3.612856
0.445112	0.603804	1.164107	0.591152	0.238174	0.284771	0.388605	0.499735	0.315115	0.431167
5.20395	4.731411	4.67949	4.384308	2.626177	2.633725	2.390689	4.325446	5.099471	5.018711
4.600753	4.804058	4.173761	3.188391	2.212396	2.304807	2.120439	3.23138	4.607498	4.865896
4.9179	2.821189	2.058372	0.422267	0.536121	0.094662	0.922959	1.218281	5.336061	1.667332
2.793802	2.160697	2.134338	1.589177	1.093194	0.432519	1.104889	2.364672	2.092402	1.737417
0.22915	0.51151	0.22915	0.014424	0.043073	0.071166	0.014424	0.112308	0.098724	0.26609
6.210101	5.886585	6.014883	5.918395	3.420458	3.137433	3.310042	5.387926	6.04095	5.869973
4.383496	3.998522	3.389403	6.25534	4.447097	3.170561	2.321082	6.014544	2.718655	4.484057
6.440734	6.538707	6.106108	6.175433	3.459378	3.816888	3.795008	6.447233	6.198863	6.370481
6.238992	5.538098	5.397821	5.78473	2.895639	3.904053	3.35679	3.927526	5.743989	5.902832
3.618823	3.146569	3.712175	4.36009	2.867498	2.838997	1.88556	4.794731	3.384743	3.384158
4.103969	3.472539	3.676595	2.809639	2.48059	3.158654	2.280158	2.414693	3.493659	3.827329
3.527745	3.453825	3.804382	3.628708	3.112385	1.854697	2.778762	3.917568	3.418345	3.356118
0.293788	0.293788	0.751543	1.035782	0.099932	0.049712	0.049712	0.261642	0.261642	1.149168
1.424922	0.212148	0.287031	-0.06879	-0.12499	-0.12499	-0.09094	0.220713	0.539237	-0.05787
4.145038	1.209169	0.922039	1.772167	1.68993	1.430613	0.990391	2.768814	2.471951	1.80127
2.475579	1.452891	0.315697	0.787124	1.694055	3.327162	1.730752	3.077437	0.249207	0.711489
6.697203	6.130451	6.612959	6.968913	5.372212	5.498641	4.388434	6.437491	6.095123	6.012092
3.692921	3.545374	3.317333	3.549887	2.200252	1.997413	1.895495	3.338839	3.672054	3.614847
5.233373	4.759042	4.800369	3.703549	2.722189	2.826596	2.764637	4.278294	4.969164	4.338768
4.524907	3.919284	4.261941	3.240375	1.950691	2.262092	1.87859	3.342512	3.87634	4.126875
3.362019	3.60895	4.667545	3.817771	2.296464	0.89953	0.964138	2.358897	4.445712	5.014415
5.056991	4.194895	3.519438	4.361056	2.299095	2.771212	2.667876	3.86244	3.991034	4.371979
5.574649	6.440092	5.40975	4.11671	2.744242	2.851927	1.854238	2.842277	6.312235	5.065322
4.914778	4.40709	4.762069	2.649232	2.654802	0.990221	2.403962	3.398155	4.053633	4.785632
3.304285	2.613397	2.854464	2.401313	1.045695	1.601837	1.150366	2.053992	2.916227	3.248339

CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P2	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3
0.57824	1.198924	0.877197	0.784852	1.661472	0.114295	0.451205	0.66828	0.461422	0.549988
0.603797	0.62379	0.835722	0.633683	1.150058	0.444284	1.256242	0.71979	0.974475	2.27622
2.617158	5.605396	5.948786	3.055162	6.155035	2.208716	5.477224	6.104211	6.356112	6.079988
1.155698	5.038326	2.91217	0.552803	4.54123	-0.16951	3.035923	4.344745	5.31452	6.611435
0.468514	0.963703	1.265828	0.771839	0.858817	0.445485	1.680045	0.807344	0.932338	0.744548
4.55558	7.428863	7.247499	4.541824	7.545163	4.878009	7.51389	7.199808	6.985846	6.996064
4.299878	5.949669	5.998883	4.768732	6.644726	3.812224	5.833075	6.429176	6.176653	6.261903
0.313231	0.455003	0.865325	0.74283	0.811777	0.126684	0.455003	1.195064	2.113994	1.601914
0.175555	0.071566	0.30211	0.164415	0.071566	0.059466	0.009871	0.059466	0.107188	0.164415
2.347687	6.061886	5.689938	2.84619	5.917052	2.824589	5.233136	5.830246	5.581877	5.431092
2.875353	5.080269	5.183596	3.356337	5.061224	2.296646	5.091201	5.188671	4.863779	4.917672
1.678072	2.837938	2.963827	1.346627	2.979241	1.537287	3.531474	3.143335	2.96899	2.986023
0.850868	3.429837	1.5788	0.6811	2.521755	0.817493	2.848658	3.473015	2.565976	2.51552
1.176509	3.551106	3.276347	1.345823	3.306689	0.644123	3.672592	3.757444	4.244776	4.300892
3.573182	4.709833	4.866067	4.395661	4.91065	2.712328	5.090066	5.541646	4.223757	4.823185
1.58787	3.223408	3.850594	1.943105	3.658368	1.256784	4.883831	3.718033	3.171238	3.124191
0.545063	0.511316	0.593916	0.824629	0.924835	0.467709	3.63975	0.70777	1.017096	1.102579
6.263997	8.617925	8.182507	6.396788	8.55704	5.884942	8.350277	8.438994	8.398285	8.990231
3.917913	4.87946	5.471817	5.215141	4.727346	2.683687	3.874524	5.337764	3.74974	3.452133
2.324416	3.778699	3.630732	2.600747	3.738252	2.278287	4.626647	4.029195	3.689009	3.539751
1.72187	3.212592	3.44686	2.068402	3.226127	1.359689	2.807988	3.484054	3.079329	3.333433
2.896021	2.709634	3.105647	2.418917	2.876265	1.954614	2.996806	3.086743	2.773584	2.73947
1.33541	2.854593	3.094732	2.048115	2.984534	1.077004	2.993114	3.101163	2.937521	2.885097
-0.07163	0.9368	0.28803	0.667549	0.445162	0.425006	1.124707	1.153138	0.418204	1.156641
1.31837	3.282931	3.708077	1.651435	4.065668	1.28727	4.517425	3.590194	3.672804	3.577793
1.714568	2.52087	3.453115	1.969393	3.476564	1.186496	3.902365	2.842286	2.330504	2.729275
0.356955	0.949956	1.181885	0.799209	0.764002	0.212828	0.538653	0.720461	0.78524	0.596712
3.458954	4.691955	5.041856	3.998489	4.987427	2.487454	6.09329	4.913482	4.429238	4.315925
3.957813	1.376998	2.031499	4.745373	2.600626	3.325749	2.781522	2.2254	3.450997	3.248756
5.410569	4.505921	4.707979	5.246377	4.553939	4.542212	4.61254	4.658162	4.07326	4.152737
0.956552	3.376314	1.304471	1.46721	2.199865	1.047241	5.030532	1.185531	1.592724	2.488117
2.604991	4.926487	5.038907	2.557251	5.21803	2.34671	4.586438	5.338431	5.330377	5.106667
4.038339	4.796066	4.990098	4.034474	4.745178	1.73166	3.956791	5.43966	4.902459	5.014376
1.731888	2.839125	3.073012	1.573186	3.087449	1.058153	2.703059	3.869974	2.986108	2.896322
0.589877	1.205553	1.891534	1.445482	2.628785	3.486805	4.447742	2.854914	3.211322	5.302561
3.190457	1.872356	2.299163	4.385982	2.006207	2.53905	3.008163	1.975931	1.715854	2.268136
3.177548	5.637478	5.755917	3.347874	5.7599	2.74978	5.638583	5.804214	5.971423	5.593558
2.381314	3.931495	4.040066	2.442889	4.329675	1.811544	4.43821	4.646063	4.281785	4.32665
2.826866	4.379397	4.43748	2.880885	5.070257	2.168098	4.757223	4.501912	4.400882	5.180381
0.018737	0.033927	0.048966	0.063859	0.048966	0.063859	0.178044	0.033927	0.093216	0.297053
-0.03602	0.878937	0.440633	-0.03602	0.626034	0.04485	0.088719	0.653201	0.712159	1.391067
1.210622	2.743696	2.9632	2.002412	2.876223	0.811025	2.418232	3.302474	3.208397	3.082227
0.556703	1.164212	1.695898	0.531585	2.565063	0.223803	1.673673	1.501387	2.314902	2.636467
0.498428	0.968745	1.451038	0.414163	0.826759	0.274539	0.274539	1.168526	0.984634	1.216573
0.062737	0.490732	0.414627	0.21594	1.136346	0.130777	0.966083	1.666113	2.375675	2.170346

6.76506	10.18124	9.762423	7.56926	10.00121	5.725475	10.5094	9.798693	10.95895	11.17617
3.206152	6.278121	6.395378	2.743918	6.541816	2.258159	2.273041	7.279923	7.335992	6.261945
1.265007	4.835984	4.391585	1.707328	4.828175	1.151699	3.492316	4.358601	4.720145	4.510073
0.069466	2.129891	1.479365	1.206608	1.065762	0.450564	3.296491	1.454518	0.669521	0.262534
0.459307	0.179723	0.447125	0.434843	0.683989	0.164996	0.306061	0.495262	1.010079	1.423269
0.048678	0.622697	1.792831	-0.0028	2.401361	-0.0458	0.455683	0.976149	0.561434	0.567717
1.568393	2.030285	2.702635	2.0274	2.30079	1.278237	3.476977	2.738667	1.875515	2.018702
2.058078	4.814441	4.712405	2.395138	4.91554	1.994122	5.327054	4.874329	5.00959	4.685775
1.884258	4.502432	4.267111	2.307737	4.712933	1.696691	4.474182	4.6374	4.311368	4.205671
0.029448	0.029448	0.172696	0.029448	0.226379	0.172696	0.131137	0.029448	0.102778	0.088396
-0.09083	0.532979	1.23023	0.083424	0.829631	0.014677	1.880392	1.329851	1.899759	4.469595
4.952953	6.935931	6.876816	5.348074	7.182949	3.276156	7.968151	7.567724	7.666526	7.722557
5.248523	8.810299	9.02667	6.204719	8.82227	5.249242	8.512508	9.150183	8.785932	8.430755
1.259034	4.337965	4.752277	1.583652	4.578607	1.354907	4.81092	4.684638	4.731658	4.354452
0.485368	0.914769	1.249792	0.906874	1.437797	0.841813	3.302566	1.213383	0.882881	2.623098
1.879959	6.108119	5.830717	3.04674	5.951888	1.704375	5.096774	6.483623	6.447312	5.983984
-0.20696	1.054407	1.921367	-0.34398	2.336938	-0.37803	0.127712	1.651356	3.722281	3.027165
2.435463	3.14288	3.270649	2.931791	3.633504	1.933937	4.192889	3.76272	3.446619	3.399474
-0.16286	1.405759	0.797353	0.114037	3.24	-0.07225	-0.21662	1.748331	1.706819	2.60521
5.369469	7.981889	7.764494	4.073559	8.801162	4.50403	1.629704	8.607047	10.26472	9.535675
2.581253	2.491985	2.929668	2.850887	2.545677	2.221446	3.703002	2.877349	2.459668	2.641576
2.060364	3.966592	4.098326	3.005954	4.097205	1.604307	5.215528	3.96531	3.397916	3.512109
0.672907	0.51981	1.125405	1.04369	0.959322	0.087632	0.801783	0.494159	0.494159	0.767251
2.722049	5.268102	5.58812	2.952406	5.672911	2.278737	5.071537	5.688281	5.507035	5.275406
2.169213	3.294417	3.33064	3.002771	3.602151	2.051677	3.465686	3.719006	4.029127	3.520661
0.449094	0.966815	1.406471	1.41391	2.594502	0.08064	2.687002	1.103201	2.193462	2.810282
1.224577	3.027459	3.089093	1.683779	2.736262	1.123015	2.92786	2.92695	2.999011	3.241076
1.411121	4.169898	4.424655	2.138687	4.727639	1.418473	4.681338	5.029304	6.019315	5.590129
2.098493	4.70248	5.376271	2.039511	5.299255	1.057222	4.948273	4.571464	6.634588	6.491327
0.907513	2.468527	1.313198	2.200664	1.428311	0.681078	4.110662	2.094043	4.259128	3.167878
2.135929	2.767044	2.343499	1.053839	3.160448	0.701303	4.145507	1.859936	3.115245	3.454261
2.227248	2.46818	2.474784	2.190356	2.829328	1.489277	3.722289	2.497622	1.829593	3.099525
1.701982	2.343617	2.827612	1.963234	2.629481	1.478886	3.563974	2.621931	2.239749	2.192277
2.383637	3.152349	3.425341	2.988467	3.276314	2.204144	3.185425	3.692936	3.654418	3.128718
0.557181	2.287188	2.680068	0.67546	2.916523	0.469941	2.317356	3.095408	2.32199	2.613521
2.743022	4.047555	4.49648	2.863569	3.977228	1.905852	4.498401	3.839385	3.489196	3.584662
4.570087	8.053665	7.872099	4.70428	8.037026	3.905882	7.033303	8.335671	8.220789	7.828278
0.412126	0.578411	0.616704	0.689903	0.775693	0.295542	0.597706	0.742089	1.199453	1.114256
3.596579	5.913204	5.81663	3.812491	5.919226	3.392582	5.384643	5.673118	5.280067	5.153087
0.479603	0.425065	0.677524	0.606765	0.288207	0.146879	0.461675	0.224869	0.590507	0.921227
1.665048	2.970201	3.04421	2.358466	3.25357	1.739957	4.13351	3.206104	2.995863	3.298045
1.121119	4.050783	3.825827	1.858523	3.329729	0.278496	0.326928	4.567932	2.081943	1.412095
2.310212	1.660215	1.925317	2.074573	2.174588	1.159883	4.060988	1.668018	1.536453	1.514491
1.509338	3.483982	3.528867	1.954694	3.845803	1.33314	3.570506	3.466889	2.929023	3.481487
1.51325	5.693217	3.654185	1.998823	5.332093	2.329201	5.407928	6.965425	4.386028	7.309467
0.051625	0.051625	0.256016	0.051625	0.475065	0.051625	0.957101	0.105636	0.051625	6.200075
0.304365	2.329792	2.672216	1.112613	3.308574	0.180023	3.791941	2.444272	3.424291	3.344695

0.181671	0.213325	0.244376	0.14939	0.601966	0.14939	0.213325	0.213325	0.4192	0.274847
1.897591	3.631463	3.241528	2.248416	3.833014	0.964614	5.094124	3.665067	3.629112	4.187524
0.789971	2.117315	2.239055	1.531895	2.029724	0.181476	2.837559	2.222479	1.955999	2.059252
2.294462	3.46206	3.871574	2.674321	3.732295	1.565675	4.66125	3.77171	3.778729	3.876394
1.506764	3.167986	3.325832	1.558286	2.489393	1.089458	2.640903	3.355746	3.348965	3.364924
4.604418	6.07358	6.853285	5.165927	5.654282	3.996675	7.662471	6.762023	5.309962	4.921426
0.992535	1.197149	1.831983	1.0029	3.135525	0.356167	2.612713	2.06183	2.749116	3.709951
6.002147	7.26228	7.074963	5.075122	6.708934	3.773746	5.364593	7.897124	6.318256	5.888213
0.651225	1.353219	1.987961	1.321992	2.752232	2.359434	3.311394	2.703255	2.221462	5.71586
0.932411	1.504701	2.185086	1.248689	1.933698	0.434276	3.268511	1.658028	1.917503	1.5017
1.819516	2.630197	3.293281	2.824395	2.834822	1.851554	3.762346	3.086622	3.251371	3.842328
0.223058	0.072671	0.223058	0.072671	0.134556	0.103917	0.072671	0.072671	0.072671	0.33383
6.242143	8.456478	8.332048	5.874363	7.989845	4.603037	7.544796	8.347564	8.914116	8.670491
2.323825	4.342663	4.887589	3.31836	4.737609	2.411868	5.094396	4.73148	4.618953	4.584656
1.13422	2.710818	3.50719	1.71585	3.444082	0.993756	4.289569	3.016797	2.710818	3.999154
0.172481	0.440019	0.617975	0.146529	0.698933	0.120074	1.803742	0.938566	0.878671	2.3626
2.01852	4.423253	4.918072	3.073941	4.400857	2.552739	4.763329	4.561389	4.055771	4.354065
0.413156	1.887222	1.269649	0.495275	2.80298	0.625974	2.298369	1.31547	1.341012	2.111161
1.59102	2.535812	2.928469	2.176454	2.80575	1.551314	4.1099	2.744888	2.753805	2.6679
2.464933	2.731546	3.149682	2.605522	3.30305	2.570924	4.028142	3.062246	2.568576	2.811008
0.035854	0.116205	0.159833	0.011882	0.093787	0.011882	0.023927	0.272287	0.401783	0.329489
0.040664	0.029523	0.029523	0.029523	0.040664	0.08415	0.25216	0.126009	0.062618	0.233654
1.744271	2.581854	3.57581	1.387898	3.28346	1.091249	1.133925	4.13738	2.836556	2.897969
1.013011	4.620809	4.036219	0.463643	4.633676	0.75518	0.490831	3.738323	2.8873	3.765001
2.586033	2.172957	1.591057	2.034415	1.605958	0.890855	1.95659	2.001607	1.927676	2.230262
1.511876	2.76002	3.172137	1.802096	3.009485	1.258506	3.018929	3.258434	2.552434	2.518188
1.700673	3.901532	4.019282	1.808548	3.961742	1.55554	4.223142	3.496684	3.973816	3.768226
4.209396	7.00895	6.998912	3.905898	7.563557	3.102658	6.526865	7.355932	7.130332	7.044496
0.01857	0.01857	0.044819	0.01857	0.083243	0.044819	0.215305	0.044819	0.044819	0.237964
-0.05927	0.816656	1.08534	0.169484	1.572036	-0.05927	3.536127	1.200793	0.871613	1.625576
3.105071	1.919603	2.447652	3.221863	2.372924	2.357306	3.211983	2.543935	1.881492	1.892525
3.8079	6.738907	6.681774	4.72955	6.774333	2.497448	7.581046	7.057448	7.90059	6.804029
0.019258	-0.00051	0.067027	0.103662	0.028997	0.028997	0.085513	0.048193	0.057655	0.048193
0.133784	0.267413	0.188759	0.254604	0.389507	0.703005	0.95166	0.254604	0.412711	4.001855
2.684687	3.70277	4.020566	3.243113	3.953325	2.633635	4.674435	3.824146	3.559159	3.436545
3.671809	5.794296	5.456172	3.971918	5.845963	3.560458	4.868483	6.109253	6.76575	6.371391
3.807422	5.387582	5.564494	4.507229	5.548118	3.89276	5.523442	5.406909	5.465209	5.669031
3.68916	3.907957	4.225793	3.323678	4.302384	2.858864	5.118806	4.29936	4.098419	4.304898
3.013578	3.940149	4.170362	3.438714	4.358255	2.557741	4.999077	4.394851	3.67959	3.866413
0.603469	1.063215	1.987841	1.297405	1.550964	0.871292	3.101517	1.374154	1.508778	2.529809
1.780872	3.089791	3.491946	2.522775	4.507288	1.617138	5.655173	3.422163	3.709309	8.58179
0.004922	0.004922	0.004922	0.036615	0.004922	0.004922	0.004922	0.015591	0.077465	0.004922
4.073104	4.210765	4.806049	5.969161	6.127285	6.109557	6.441433	5.689043	5.66451	7.961715
2.505792	4.216211	4.441379	2.75298	4.421875	2.438315	4.620803	4.231054	4.12344	4.261003
3.453805	3.859189	4.625971	4.012026	4.860593	2.989367	5.984751	4.634664	3.799541	4.884229
0.676898	2.222471	2.53644	0.944253	2.66744	0.621736	2.5221	2.705207	2.268537	2.054652
2.260322	4.875886	5.080478	2.842376	5.413592	1.926271	5.102739	5.789027	5.243793	5.358145

0.793795	2.708498	2.649316	1.060783	3.41513	1.009014	2.638257	3.499135	2.407638	1.318444
0.048549	0.025018	0.149122	0.001022	0.03684	0.001022	0.013079	0.42594	0.726678	0.451274
1.521344	4.295521	5.272668	3.588388	4.273064	2.68104	6.433616	4.418031	2.652687	3.149109
0.232732	0.468347	0.263195	0.232732	0.293357	0.232732	0.232732	0.293357	0.293357	0.232732
0.035338	0.156075	0.049274	0.168875	0.116963	0.021264	0.049274	0.290885	0.424633	0.302527
4.066434	6.502835	6.157404	3.795316	6.817525	2.892159	4.531461	6.858992	6.534167	6.860718
3.514004	3.138012	3.859566	2.568184	3.876736	2.271974	4.40154	2.948928	2.97622	2.82133
0.76129	2.567674	2.584634	1.613258	2.430846	0.827634	2.60886	2.764076	2.947221	2.674356
0.52418	0.590517	1.116662	0.367829	1.06507	0.405594	2.367419	0.963534	1.673887	0.905431
3.120865	6.135766	6.614031	4.189545	6.586062	3.376533	7.21982	6.350115	7.078475	8.000425
0.089561	0.036611	0.106875	0.036611	0.348633	0.000439	0.000439	0.018615	0.124027	0.588767
-0.01433	0.949936	1.12294	0.670069	1.520479	0.080389	4.160185	1.277112	1.574815	3.022082
1.416293	2.832507	3.133785	1.7789	3.191766	1.228684	3.672168	3.375055	2.18811	2.453084
2.93564	5.729504	5.782543	3.095326	6.081643	2.418456	6.445788	5.577732	6.238761	6.82249
0.07601	0.07601	0.323659	0.139316	0.376368	0.049815	0.427058	0.246149	0.427058	0.396878
0.016609	0.428225	0.41893	0.16144	0.18406	0.016609	0.964789	0.281169	0.260218	0.103075
2.65106	4.806128	5.342426	3.206675	4.59558	2.246758	4.924539	5.333204	4.113657	3.617793
3.515635	5.168022	5.497955	3.251302	5.799835	2.684213	4.83297	5.802087	6.584475	6.352364
0.010393	0.034942	0.034942	0.047036	0.022728	0.010393	0.010393	0.022728	0.022728	0.070877
6.22359	10.90833	10.05517	6.91209	10.16723	6.575107	9.581491	9.784882	9.654433	9.642664
3.566815	4.947619	5.25323	3.758997	5.076655	3.347662	5.156603	4.989589	4.122023	4.507239
0.975048	1.052382	0.412206	1.099443	1.112601	0.322617	1.092817	0.953187	1.106037	3.727945
1.860435	6.38877	7.015223	2.333311	7.591546	2.442777	7.815283	6.972085	7.17678	8.414665
2.396145	4.314571	4.592972	3.029101	4.302995	2.098464	4.188682	4.632816	3.709722	3.499903
2.179952	2.828253	3.287605	2.702642	3.156839	1.509423	4.090408	3.512188	3.356097	3.208007
0.917323	0.807317	0.646389	1.050804	0.691992	0.326345	2.812475	1.109909	0.852597	2.183673
-0.0264	0.161015	-0.00994	0.085491	0.069963	0.315943	0.054288	-0.0264	-0.0264	0.022485
0.306174	0.149685	0.470072	0.107843	1.130269	0.107843	0.849488	0.293745	1.606487	0.908402
2.663867	4.855468	4.66212	2.922526	5.051354	1.796341	5.301807	4.674131	4.985425	5.003812
1.858775	3.133173	3.159878	3.548518	2.868969	2.595096	7.098785	3.856205	3.433855	3.563547
0.143398	2.137576	2.03738	0.506616	2.443847	0.090631	2.463042	1.725203	1.219384	2.908687
2.957014	4.809664	4.541354	2.616906	6.189357	3.744017	5.564728	5.359361	5.213094	5.248002
0.108165	0.540904	0.457858	0.806828	0.934712	0.174926	0.550952	1.079916	0.647707	0.903803
3.375983	4.991959	4.818203	3.657418	4.51448	2.28686	4.445317	5.904289	5.121213	6.221882
-0.02158	1.686495	2.202346	0.210277	1.809617	-0.07922	0.842838	2.280915	1.865178	1.728731
1.442983	3.599669	3.624543	1.828231	3.563284	1.128066	3.930515	3.63548	3.48283	3.326681
0.135029	2.430528	2.720412	1.499157	2.389688	0.438192	3.32546	1.755055	1.231714	0.666477
0.152507	0.662604	1.334744	0.542191	0.518198	0.130366	0.738871	1.484149	0.372317	0.501931
2.393942	5.385177	5.775353	1.952883	5.675839	1.695309	3.773645	5.063995	4.816741	4.084366
3.136305	4.988921	5.208867	3.664496	5.591383	2.489224	5.146152	5.35112	5.13599	4.919975
0.202585	0.25027	0.404495	0.26192	0.940236	0.202585	0.756543	0.31864	0.560728	0.605903
3.231934	3.559288	4.1206	3.761456	5.45299	3.811874	5.632728	4.123838	3.487124	8.277515
4.586058	7.053441	6.525194	3.876043	5.994188	2.137558	5.999235	7.225177	6.782412	6.066924
-0.01587	0.609618	0.909349	0.034341	0.459811	-0.01587	-0.00313	0.736624	0.486028	0.151874
2.046938	2.333282	2.211046	2.586605	2.69004	1.628545	2.921497	2.545781	2.766722	2.71445
0.839207	1.449701	2.055986	1.175442	2.526938	0.463386	2.834219	1.798055	1.217255	2.063297
1.421116	1.698774	1.884467	1.058802	1.779679	0.67815	3.706586	2.867399	2.770357	3.389665

3.593283	3.673154	3.126384	2.651097	3.760302	1.915627	1.849455	3.831707	3.491484	3.859163
0.388715	1.644066	1.46405	0.300417	2.035044	0.451248	0.577309	0.895921	1.314691	5.6861
1.811497	2.569665	2.624554	1.311527	2.815985	0.754138	1.165841	3.167297	2.396857	3.30417
1.654449	3.08429	3.206223	2.235389	3.094326	1.509591	4.39982	3.338393	3.156443	3.094326
5.713369	9.644441	9.104026	5.579267	9.72879	4.913984	8.871049	9.622877	9.958362	10.14279
2.555869	4.293542	4.646216	2.761996	4.592782	1.418493	3.481953	4.982951	4.301868	4.123768
2.221003	1.416338	1.947967	2.778672	2.922153	0.788093	3.811493	1.824083	2.375837	2.916797
5.511564	7.046646	7.108671	4.73309	6.707716	3.288594	4.896478	8.784284	7.539007	6.28917
2.722655	4.658268	3.76993	2.334219	3.938678	1.250288	3.256415	4.648633	3.129926	2.988112
3.008033	2.753832	3.144138	3.951246	3.134138	2.208583	2.998023	3.055619	2.590294	2.343025
0.09523	1.133012	1.715164	1.561253	1.428095	-0.03294	3.259343	1.682287	2.543824	2.078356
1.239303	2.63946	2.784329	1.256453	2.768034	1.091134	3.051089	2.920732	2.747307	2.627814
2.753577	3.602468	3.883106	1.911099	3.988352	1.811582	3.558189	4.062101	4.083685	3.595225
1.865553	2.925441	3.181183	2.28717	3.30267	1.686345	3.754614	3.054059	2.867155	2.942282
0.52561	1.257945	1.49593	0.626009	1.445173	0.373035	1.449489	1.915282	1.504178	1.49593
1.531572	2.806228	3.021136	2.438926	2.628829	1.252393	3.597209	3.116407	2.42005	2.718389
0.8791	1.530908	2.091116	1.08524	2.0312	0.588707	2.619503	2.268513	1.645129	1.496482
2.166731	1.738676	2.902766	2.619372	2.955982	0.82856	2.993	2.658908	2.792003	2.780344
-1.47101	3.238394	3.378755	2.148556	3.298535	2.623882	5.795318	4.468334	7.676043	5.344321
2.287229	4.622786	4.786451	2.846039	5.078197	1.883689	4.28021	5.13383	4.386673	3.981032
0.946274	1.911133	1.777084	2.657762	2.22615	0.715573	4.116032	1.635828	1.019261	0.648801
2.384415	4.735304	5.256809	2.822624	4.983937	2.069768	5.097214	4.886095	4.600322	4.461073
0.562851	2.520598	2.140816	1.082224	2.911781	0.683877	6.160964	2.034036	2.802424	4.152085
2.530728	4.418846	4.753443	2.853477	4.965229	2.94456	6.002721	4.522952	4.276889	4.793808
4.16702	4.482391	4.612675	4.455345	4.790548	3.132019	4.951505	4.788692	4.537877	4.253364
3.947375	3.79622	4.057844	3.89269	4.437725	3.231209	4.995076	4.175763	4.390448	4.362198
3.754782	4.460748	4.499757	4.049906	4.486901	2.640699	4.70911	4.881033	4.946987	5.698775
4.093887	5.804123	5.933383	4.346958	5.8151	3.474974	5.389829	5.886641	5.461479	5.213585
4.123076	6.910892	4.457621	4.870002	4.608007	1.21878	1.552013	6.752086	7.115163	4.98591
3.90547	4.900031	6.473942	2.57903	5.247064	2.790341	3.496656	4.858103	3.152679	2.550653
1.467375	3.06978	3.272738	1.608024	3.500444	1.228704	4.155273	3.827486	3.339842	3.475707
3.412466	5.557307	5.72386	2.837314	7.323121	3.928613	4.987719	6.223616	5.137723	5.286081
1.315037	1.933278	1.970753	1.238809	2.313001	0.97207	2.718812	2.254837	1.944655	1.795348
1.427233	2.485957	3.176104	1.647177	2.992737	1.10719	4.024549	2.895838	2.615126	3.342634
0.669267	2.471801	2.352963	1.139127	2.573573	0.308337	3.055953	1.730607	2.744738	3.368023
1.676517	2.71315	2.364214	1.50718	2.753219	0.427748	4.900336	2.542679	3.324717	4.281747
0.062155	-0.0143	2.067204	0.191717	0.389855	-0.0143	0.210394	0.123803	0.716891	0.228767
3.690277	5.629695	5.659094	4.160534	5.447372	3.44624	5.74237	5.515169	5.022107	4.770092
2.87955	4.164163	4.416736	3.791659	4.438549	2.33954	4.233494	4.371635	4.257111	4.305132
3.451793	5.416641	5.397198	4.600974	5.597921	3.286267	5.185692	5.457289	4.901348	4.88072
-0.02254	0.473506	0.461426	-0.02254	0.025785	-0.02254	0.115899	-0.02254	0.485441	0.324804
0.533981	3.807326	2.36039	0.439927	3.288845	0.076324	-0.27125	3.295936	2.113699	3.318113
1.706586	4.07726	4.100639	2.509815	3.971405	1.548569	4.305701	3.881879	3.92286	3.726826
3.446006	4.259874	3.463139	2.979992	5.080084	2.138975	4.296006	2.805567	2.245597	5.244264
1.820461	2.136032	2.672587	0.960157	1.701072	0.863059	2.632267	2.128248	2.120412	2.309116
4.440517	2.720779	3.499742	4.565601	3.099437	3.561958	3.550439	2.966044	2.722549	2.161459
3.871827	6.754081	7.140636	4.662528	7.103953	3.250851	7.696841	7.001388	6.322634	6.019812

1.808598	2.456287	2.979641	1.903997	2.645647	1.30961	3.203882	2.44688	2.228821	2.236429
0.417102	0.603804	0.677736	0.269385	0.701657	0.238174	0.849169	0.552596	0.359603	0.628821
2.610905	4.286861	4.513842	3.358666	4.415192	2.098703	5.152193	4.615896	4.764769	4.79335
2.096093	2.921618	3.333006	2.181145	3.446613	1.55681	4.211614	3.081671	3.021823	3.041515
0.40051	0.516111	1.486173	1.510781	2.60207	0.575285	2.713977	2.515809	5.096601	5.053878
0.731328	1.990135	1.953968	0.657072	2.519372	0.278518	3.763691	1.793791	1.415042	2.172486
0.014424	0.014424	0.071166	0.043073	0.014424	0.014424	0.085011	0.098724	0.437842	0.864801
3.302513	5.699967	5.631071	4.123638	5.606205	2.686859	6.066111	5.773426	5.482365	5.071933
1.785359	3.615617	3.361928	3.136674	4.042197	1.524502	4.706397	3.834603	5.319312	5.914472
3.544312	6.039318	6.299313	4.158512	6.549932	3.431367	7.637294	6.65207	5.983967	6.632012
3.716564	6.527401	6.0032	4.274579	6.647286	3.669642	5.468104	6.582163	5.366029	6.016375
2.467284	3.204001	3.485578	2.865524	3.600414	1.294976	3.93059	3.328185	4.188384	4.175963
2.941233	2.646293	2.863844	3.432683	2.822905	2.134356	4.144796	2.728732	2.351295	2.45908
2.6845	3.328518	3.845299	3.230642	3.626594	2.716681	3.236356	3.388235	3.428229	3.471808
0.062453	0.395463	0.08756	0.124321	0.049712	0.049712	0.112184	0.335432	0.683136	0.543014
-0.10218	-0.00477	0.364894	0.444872	0.20352	-0.07981	-0.12499	0.902543	3.861216	3.111985
0.315722	2.56956	2.926598	1.896626	1.788872	0.756794	5.189709	1.861636	0.874513	1.034145
-0.02166	1.130194	-0.22759	0.033909	2.382436	-0.08986	4.142202	0.872111	2.311474	3.638845
5.105307	7.120141	6.681292	5.096628	7.311519	4.37932	5.888808	6.938288	6.19992	6.68529
2.296137	3.582045	3.599916	3.116595	3.465563	1.151541	3.203526	3.652814	3.593992	3.528852
2.976117	4.155799	4.40863	3.468681	4.532461	2.416898	4.966424	4.99286	4.539513	4.348339
2.078212	3.171189	3.675943	2.990614	3.547339	1.993784	4.956651	3.761169	3.276914	3.528174
2.483945	2.806987	3.894916	1.960074	4.254511	0.998533	3.366421	2.763463	3.119591	3.28262
2.2524	2.894227	3.333402	2.929828	2.773196	2.1145	3.886873	3.176686	3.094405	4.204058
3.551091	5.082352	4.186714	2.423169	3.484788	1.408644	3.281996	5.053844	5.40975	3.876458
2.81161	5.021577	4.87183	2.840802	4.848796	1.169632	3.424402	4.80825	3.160726	3.995152
1.273547	2.077051	2.953112	1.911874	2.354419	1.078993	3.608486	2.678882	2.170664	2.040592

CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3
0.287655	1.495324	0.3665	0.614994	0.228315	1.239107	0.884609	1.051078	1.145399	0.596745	
0.67259	1.991556	0.691656	1.576168	1.177347	0.989953	1.591455	1.781132	0.835722	1.115203	
3.759465	5.6928	5.365654	5.771814	4.431953	5.505882	5.980902	5.874425	5.78722	5.977187	
4.261512	2.832861	4.621808	5.0457	6.938772	4.956626	5.042941	2.119366	6.213172	5.613774	
0.386028	0.858817	0.513364	0.900183	0.79856	1.86117	0.608867	1.164037	1.009354	1.016806	
7.264784	7.317648	7.599714	7.204732	6.888401	7.28411	7.216615	8.122534	7.025624	7.248117	
5.57427	6.729836	5.907727	5.647409	5.436643	6.180564	5.929769	6.502159	7.061927	6.770831	
0.673496	0.261347	0.637022	1.537357	1.537357	0.267975	1.058764	0.608805	0.695661	1.167517	
0.261317	0.059466	0.009871	0.153175	0.219163	0.107188	0.009871	0.009871	0.009871	0.009871	
4.852738	5.652547	6.162321	5.369281	4.552443	5.524873	5.697288	5.488888	6.180849	5.617091	
4.803473	4.962968	5.142175	4.377891	4.596724	4.816914	4.644552	5.255642	5.022636	4.872782	
1.915173	3.027496	2.704628	2.691473	2.310967	3.073735	2.88522	3.128572	3.805471	3.759366	
2.036575	2.692017	1.66987	3.060178	1.58928	2.237815	2.166121	3.656588	2.356641	2.747045	
3.57776	3.11245	3.16813	3.239915	3.618537	3.339498	4.058929	3.714329	4.099564	5.57667	
3.230009	4.457716	4.152059	4.499776	3.085597	5.256946	5.46278	6.195343	6.101254	5.683917	
1.568264	3.649839	2.963884	2.881578	1.819966	3.969296	3.241641	4.262015	3.86315	3.646981	
0.722143	1.888736	0.384847	0.609756	0.403777	1.608457	0.837637	1.835078	1.343664	1.685883	
9.90012	8.49855	8.494997	8.645865	9.71549	8.899627	8.711095	9.251688	8.356222	8.302759	
3.043259	4.488947	4.70442	4.442596	2.583276	6.0518	4.617199	5.552302	6.329502	4.982104	
2.421783	3.752553	3.573309	3.374655	2.164544	5.123135	3.556096	4.640827	4.756235	4.806624	
2.136028	3.535761	2.666806	3.328379	2.071892	3.850929	3.198874	3.493575	3.643865	3.565891	
1.701568	3.327215	2.60338	2.770219	2.064111	2.780285	2.698912	2.736001	3.287539	3.089281	
2.181838	3.398564	2.94799	2.965693	2.393572	3.371325	3.061963	3.160931	3.025358	2.946501	
0.303275	1.153138	2.437559	1.091822	0.605977	2.103024	0.683762	0.699741	1.336957	1.191074	
2.677448	3.615234	3.125148	3.434803	3.608857	3.825105	3.587291	3.725241	3.647186	4.04825	
1.6682	3.881451	2.552173	2.103703	1.543685	4.38767	2.50928	4.141587	4.628195	3.771975	
0.612837	0.819887	1.139748	1.443984	0.992584	1.187057	1.010436	0.71306	0.683033	0.414166	
4.399212	4.637047	4.136404	4.692904	3.864388	4.707046	4.859447	5.102699	3.974485	4.603168	
1.982663	2.251258	1.584846	2.72851	3.544043	1.997755	2.626438	2.366084	2.008411	2.750455	
4.355614	4.69781	4.942504	4.702769	4.090788	4.91776	4.501629	4.399738	4.605348	4.050444	
2.488118	3.263258	1.379967	2.857944	1.533997	4.250487	2.196872	2.759031	3.238071	1.909368	
2.979672	3.925582	4.613548	4.419979	3.214973	4.814744	4.748588	5.238828	6.31092	5.890167	
5.19119	5.255613	4.583603	5.318624	4.516989	5.656183	4.978952	5.85649	5.261993	6.029094	
3.835747	3.158701	3.069781	3.99656	2.923952	3.111141	3.297987	4.302338	3.720295	3.599196	
5.318105	3.625396	2.647663	4.208538	5.670943	2.622429	3.138802	3.897382	3.143058	4.298082	
2.33923	2.042125	2.067538	1.794852	1.868607	2.893274	2.080029	3.024217	2.708368	2.214418	
6.621454	5.527402	5.849169	6.059659	6.848171	5.242003	5.759413	5.511466	5.354147	5.341576	
4.659085	4.55979	3.961461	4.23903	4.696673	4.410283	3.667513	4.479567	4.571833	4.901721	
4.708377	4.952107	4.671439	4.524669	4.504733	4.800591	4.83845	4.878442	4.963472	4.685142	
0.063859	0.048966	0.018737	0.033927	0.245302	0.150289	0.048966	0.122019	0.347108	0.16423	
0.181906	0.890005	2.528997	0.964735	0.540619	1.289037	0.533218	1.826419	3.849131	0.646467	
2.536306	2.572205	2.285833	2.899837	3.50447	2.448339	2.76557	2.975498	2.48137	3.435014	
3.998784	3.405702	2.395689	2.329675	3.981337	1.870923	3.228284	3.451132	3.003854	3.051502	
0.159815	0.606668	0.42288	0.303891	0.244398	1.647734	0.42288	1.638971	1.394127	1.349463	
0.570046	1.237878	0.108519	2.222572	1.510335	1.289874	0.837658	2.20275	1.776062	3.354756	

10.02303	11.64234	10.17489	10.74681	10.86973	10.53466	10.73175	11.10259	11.38567	11.0161
3.001225	4.916014	5.109617	5.935341	3.757935	5.315097	6.131859	6.43304	6.752461	6.577446
5.802882	5.042431	5.289606	4.62501	5.570991	4.29233	4.766017	4.285201	4.28341	4.154569
0.069466	0.736065	0.82644	0.964439	0.235567	2.340869	0.776484	1.345916	0.798956	0.262534
0.237208	0.683989	0.306061	0.495262	0.345885	0.541881	0.755208	1.190895	1.176019	2.468022
4.822307	1.143912	0.675051	0.848099	3.199985	-0.0458	1.079068	0.675051	0.028375	0.097848
0.919285	2.149984	1.721541	1.759396	1.086176	3.586581	1.721541	2.701107	2.344501	2.1754
3.754476	4.80403	4.972545	4.760854	4.462106	5.029382	4.829851	4.387206	4.52623	4.643098
2.648373	4.428439	4.337431	3.99223	3.051515	5.091145	4.386713	4.749992	4.756171	4.906733
0.102778	0.265419	0.340583	0.239505	0.029448	0.513528	0.199777	0.252518	0.502597	0.352753
0.727404	0.966127	1.101238	1.865112	0.91432	4.007329	1.962168	2.497628	1.871684	2.468599
9.331618	6.108446	5.957488	8.250625	8.67683	7.864819	8.485125	7.644617	7.223302	8.019387
8.050419	8.673648	8.978113	8.798783	8.520817	9.532319	9.043359	9.048165	9.052756	9.116877
4.403314	4.281248	4.433126	5.353213	4.734145	4.324583	5.072492	5.019176	3.863848	3.870163
1.683005	1.764073	0.922612	0.898929	1.027429	2.064904	0.938149	2.43477	2.364925	2.024401
7.258526	5.538026	6.479621	6.319949	7.757728	5.410566	6.405486	4.878726	5.247678	5.459323
3.284534	4.740152	2.382908	3.437649	3.456992	2.285581	3.979154	4.999772	4.033124	3.407351
1.761137	3.129051	3.011212	3.029766	2.137886	3.829903	2.757918	3.819243	4.041453	3.968646
1.206895	0.705865	2.730532	0.82766	2.1217	-0.16286	1.277247	0.558057	2.487704	1.11542
12.83148	6.4258	8.71354	10.03232	12.46819	6.917761	9.633617	6.080755	6.464186	8.899009
1.42166	2.617499	2.481327	2.370487	1.463368	3.884653	2.689827	3.285332	3.582153	3.294997
3.958227	3.991268	3.854744	3.384112	3.413779	5.316524	3.622628	4.413524	4.532166	4.403302
0.639492	0.816244	0.340751	0.610816	0.844587	0.447716	1.024204	1.829805	0.221742	0.406218
3.009093	5.497361	4.694172	5.056797	3.731467	5.971903	5.445354	5.801135	5.708341	5.891021
3.131916	3.063105	3.228849	3.445006	2.972665	3.867331	3.557439	3.16256	3.858953	4.122135
2.888294	4.059409	2.103984	2.129043	3.434182	2.656492	2.590256	3.324859	2.973089	2.797183
2.37673	3.394265	3.406287	3.332544	2.777148	3.050304	3.103745	3.096831	2.308929	2.517976
3.755069	3.874976	3.501444	4.928183	5.263859	3.791971	4.768043	4.160183	4.771348	5.577807
6.00122	4.895294	4.147811	6.331875	6.699739	4.093338	5.56906	3.269151	4.787243	6.388267
0.827155	2.26616	1.23486	2.641296	3.550577	3.909116	2.138418	3.454332	3.65592	6.278182
3.86127	3.511305	2.030571	3.547339	4.231745	2.052219	4.009662	2.747337	2.006975	2.913911
1.561209	3.264999	2.353675	2.016129	1.41282	3.995828	2.282498	4.428722	4.517133	4.155394
1.506771	2.514289	2.124414	2.166245	1.923363	4.020501	2.313525	3.133071	2.904099	2.703874
1.787679	2.881033	3.03838	3.152349	1.952797	3.808705	2.483898	3.751143	3.72926	3.683214
0.514495	2.176097	2.250165	1.755427	0.896311	1.502325	1.720992	2.275641	3.104029	3.025537
3.243318	4.388799	3.870972	4.84692	3.485955	3.923952	4.236403	3.712241	2.034439	2.357481
8.695891	8.236549	8.11297	8.300744	8.970585	7.457967	8.317604	7.739754	7.646565	7.501597
0.635415	1.187636	0.635415	0.967233	0.742089	1.095209	0.938514	1.434359	1.082345	1.157589
6.241505	6.108255	6.373641	5.930064	6.248894	5.596837	5.935983	5.35995	5.424705	5.100553
0.622823	0.288207	0.288207	1.662659	0.822283	0.246324	0.574045	0.53196	0.192012	1.533952
2.198944	3.309075	2.52228	2.995864	2.445693	4.018983	2.920555	3.622018	3.440957	3.454924
2.587668	5.62849	2.650292	3.220702	1.193464	0.245051	4.531269	5.247698	4.110243	3.125958
0.999286	2.759839	1.68347	1.570756	1.05967	3.002215	1.363247	3.801052	2.447829	1.591696
4.261225	3.444857	3.820198	3.035174	3.931696	3.187405	3.3282	3.439144	3.774556	3.176717
4.08013	4.798474	5.74738	4.643549	3.150705	5.123628	4.287866	6.584516	6.674783	6.066315
0.051625	1.627342	0.244093	0.118815	0.207691	0.906226	0.279556	4.458787	0.524785	0.325464
4.501677	4.640001	3.228262	3.665837	5.077598	3.079653	3.862812	3.981675	3.478267	3.291569

0.601966	0.213325	0.755088	0.259683	0.304758	0.16561	0.14939	0.304758	1.725701	0.895053
2.096892	5.351368	4.471134	3.616106	2.414733	4.739761	4.424168	6.508536	5.758428	4.545942
2.228428	2.506341	2.471828	2.61708	2.228428	1.891561	2.518211	2.125174	0.16566	0.21243
3.21454	3.195067	3.124116	3.982864	3.555541	3.776979	3.28921	4.259211	3.607011	3.406543
1.052282	2.961247	2.489393	3.019371	1.271243	2.505968	3.127609	4.177893	3.295047	3.390801
3.705788	6.663565	5.79844	5.750866	3.722262	7.140171	6.010455	6.53144	7.114498	6.176454
1.139018	3.251732	1.111169	2.345829	0.769269	2.503974	3.174786	3.923873	3.014487	2.803602
6.361437	6.445214	5.950302	6.705987	5.446901	6.826166	6.826834	7.344374	6.984692	6.745731
1.353219	4.294141	2.16833	1.991082	1.408552	3.467456	2.033995	5.953792	4.387421	2.920767
1.757208	2.417151	1.588268	2.388609	1.642327	2.690327	2.315153	2.020499	1.417327	1.551609
2.153605	3.928545	3.125192	3.048797	2.021022	4.378603	2.834822	3.992254	3.723562	3.8752
0.320402	0.293196	0.134556	0.072671	0.164612	0.072671	0.164612	0.722924	0.072671	0.36035
8.55814	7.67839	8.296535	8.556078	8.902839	7.838469	8.879871	8.126632	8.41271	8.856563
3.15183	4.173857	4.141304	4.509423	3.526119	4.797805	4.438983	4.980351	4.897666	5.073971
2.025954	3.673521	2.787639	3.023114	1.795691	3.140185	2.633189	3.094988	3.325765	3.289566
0.386162	1.257147	0.247494	0.551504	0.341489	0.960365	0.599312	0.931222	0.923837	1.221911
2.151441	4.274505	3.938791	3.909054	2.381622	4.745783	3.980325	5.01353	5.507044	5.104587
0.667025	1.958967	1.600842	0.999705	1.14464	1.249555	0.934016	2.872205	2.763553	2.282024
1.321099	2.799701	2.180873	2.58622	1.762925	2.854065	2.226168	2.569688	2.749993	2.868925
1.351442	3.02787	2.600975	2.542402	1.504095	3.957055	2.74951	3.582874	3.531415	3.131941
0.116205	0.093787	0.159833	0.723432	0.272287	0.105048	0.222463	0.047664	0.201944	0.557936
0.08415	0.11569	0.029523	0.029523	0.062618	0.029523	0.029523	0.073436	0.156408	0.08415
1.370829	4.031873	1.699419	3.455942	1.404727	3.26775	3.403785	4.411441	3.650798	3.359054
2.96738	3.33957	4.382471	2.660069	2.233473	1.210472	3.071004	2.802804	4.714241	3.158644
1.521897	2.01811	1.233037	1.560754	1.213384	3.816255	1.824483	3.859125	3.870333	4.036852
1.234461	2.866053	2.540327	2.37495	1.176196	3.412832	2.432919	3.315958	3.458732	2.856996
2.695227	4.164632	3.790952	3.77098	2.752091	3.846053	3.671835	4.068271	4.114342	4.181872
6.279907	6.862759	7.025013	7.068832	7.049052	7.116004	7.406125	6.869708	6.994202	7.24422
0.564833	0.03176	0.01857	0.083243	0.01857	0.070559	0.057751	0.132801	0.057751	0.24915
0.001947	2.120022	1.289499	0.797789	0.362891	0.62844	1.196189	1.498107	2.265836	1.285209
2.161497	2.07557	2.381499	1.881492	1.951187	3.093145	2.137977	3.189598	2.653211	2.561298
5.281134	7.06421	6.376336	7.401214	6.561118	8.05267	7.221914	7.04873	6.380111	7.129767
-0.00051	0.112614	0.009424	0.048193	0.085513	0.505388	-0.00051	0.735316	0.048193	0.009424
0.329776	0.523346	0.241677	0.215465	0.389507	0.767145	0.967301	1.020719	0.377761	1.646094
3.911102	4.015279	3.579807	3.095701	3.077904	4.956221	3.358154	4.49019	4.963474	4.993977
6.67086	6.222198	6.001703	6.456459	6.765369	5.64461	6.351478	5.892684	6.083308	5.961496
6.273213	5.119921	5.675677	5.614738	6.520741	5.207007	5.566189	4.315606	4.759944	5.032582
3.267361	3.58634	3.519923	3.987719	3.575706	4.146979	4.205649	4.766594	4.582767	5.17576
2.393803	3.615156	3.625494	3.581354	2.376566	4.545911	3.597338	4.704485	5.086111	4.485464
0.311124	1.441112	1.004063	1.181951	0.331025	1.883307	1.244066	1.606199	2.125562	2.361349
2.741846	5.636201	2.838833	2.493629	2.406525	5.16962	5.220344	6.538036	4.537816	3.470418
0.135963	0.004922	0.004922	0.015591	0.302598	0.004922	0.046974	0.004922	0.026154	0.004922
3.166815	6.879307	5.29349	4.856202	2.799931	6.86979	5.457329	8.557079	7.702307	5.751917
2.915069	4.293958	4.047103	4.121649	3.22631	4.579537	4.109013	4.239343	4.456451	4.310612
3.272969	5.188259	4.113859	3.778199	3.526639	5.329548	4.252215	5.636564	5.567216	5.448663
0.967431	2.358998	2.046926	2.466409	1.320603	3.023946	2.317014	2.699178	2.054652	1.976643
5.828234	5.042514	5.483781	5.634132	5.485714	5.833539	5.309819	5.903493	5.580055	4.888083

4.150538	1.33391	3.713662	3.274416	1.906889	3.932223	2.765065	2.472464	3.172434	2.019727
0.127483	0.071631	0.001022	0.373625	0.665223	0.001022	0.211814	0.013079	0.201588	0.309591
2.741958	4.338131	4.509293	4.756506	2.383972	4.377713	4.124153	5.136843	5.019205	4.713818
0.232732	0.352806	0.439868	0.323226	0.439868	0.263195	0.263195	0.232732	0.263195	0.232732
0.021264	0.38144	0.035338	0.143157	0.049274	0.063073	0.076739	0.218949	0.168875	0.243337
4.170843	7.034273	6.238112	6.547833	6.000691	6.040417	6.458763	6.765961	6.936189	6.555066
2.094992	2.838545	3.179764	2.950653	1.997168	3.82201	3.400543	3.908824	3.540195	4.313058
0.746007	2.14345	2.219748	2.085641	1.202524	2.651497	2.360395	1.911707	2.446502	2.866519
0.713927	1.751963	1.02694	1.298619	0.971629	1.528971	1.042325	1.159327	1.595915	2.017547
6.277762	7.816818	6.620691	6.605526	6.533782	7.615921	6.985918	7.543872	6.876726	7.65848
0.036611	0.036611	0.000439	0.000439	0.000439	0.904067	0.000439	0.000439	0.036611	0.000439
1.435469	2.991107	1.869398	0.791312	1.802453	2.734224	1.719141	2.507379	2.44565	2.294967
3.595867	3.798464	3.235928	2.694151	3.318721	2.777837	2.3901	3.756162	3.305258	2.139084
6.446045	7.078138	5.874084	6.360192	6.956311	6.25088	6.256581	6.058956	6.080919	6.746677
0.114356	0.407015	0.126895	0.33437	0.175894	0.49491	0.323659	0.301973	0.926438	0.986425
0.016609	0.322067	0.16144	0.342036	0.078962	1.433328	0.091075	0.400136	0.206286	0.195222
2.795294	4.80229	4.367457	4.483708	2.924681	4.661903	4.45338	5.129801	4.791047	4.43448
3.621473	5.209834	4.497881	5.597684	4.249465	4.293923	4.935422	6.372381	6.293713	6.916248
0.150884	0.094268	0.082628	0.128547	0.844628	0.059014	0.070877	0.082628	0.094268	0.022728
11.26459	10.57406	11.29888	10.01259	10.74464	9.105454	9.88445	8.988931	9.912967	9.090884
5.043435	5.171025	5.030173	4.565826	4.074601	5.141558	4.759912	5.275497	5.118148	4.593931
0.668904	1.993901	0.401318	0.93842	0.885459	2.078056	4.44597	4.18288	0.989434	0.877726
8.915576	8.215289	7.548593	6.940633	9.255842	6.9608	7.262253	8.858435	8.519093	7.695133
1.849827	3.654947	3.469505	3.934806	1.957843	4.020958	3.546797	4.225584	3.820979	3.562247
2.223794	3.250625	2.564542	3.398866	2.321341	3.705832	3.40523	3.947166	2.817414	3.151129
1.608336	1.56155	0.958524	0.97858	1.442098	1.474763	1.174512	1.850173	1.20753	1.41188
0.069963	0.355794	-0.00994	0.022485	-0.0264	0.054288	0.006351	0.038463	0.006351	0.069963
0.492076	0.447736	0.545702	0.637604	0.366806	0.932952	1.0723	0.545702	0.587251	0.26857
3.323717	5.661454	4.024838	4.748827	3.455037	5.575451	5.252472	5.757098	5.217908	5.505931
1.521806	2.348879	3.600745	2.44543	1.423435	5.426635	2.398155	5.282841	4.83486	3.23155
4.788608	4.150477	2.570354	2.927423	4.051479	1.690554	3.129635	2.440318	1.894809	1.641126
5.449925	4.017338	5.734108	4.832615	5.012804	4.30558	5.209388	4.438156	5.74851	5.460977
0.447128	1.571058	0.299722	0.403378	0.369659	0.403378	3.528536	2.037526	0.33512	0.299722
3.385651	3.249896	4.679736	4.427219	3.46783	5.129908	5.019935	4.456575	5.500201	6.058822
3.095211	1.372739	1.994834	1.985065	2.645212	0.96366	3.187452	0.892211	0.571171	0.877279
3.35312	3.571057	3.583749	3.497122	3.291828	3.373204	3.640903	3.384031	2.969169	3.01314
0.943949	1.506091	1.777343	2.139466	1.034133	3.76805	1.434901	1.865162	0.67339	0.487436
0.408278	0.791433	0.390433	0.390433	0.257451	0.953491	0.267457	0.640931	0.662604	0.42586
3.850395	4.229574	5.336283	4.534569	3.85919	5.079799	5.113433	5.005036	4.718622	3.901469
3.45642	6.070328	4.721507	4.596374	4.472596	6.059268	5.113269	6.392802	6.588006	6.938461
0.716435	1.006953	0.523411	0.666597	0.987298	0.82573	0.640935	1.01989	0.967339	0.691757
3.179163	4.725971	3.85907	3.024333	1.865211	5.926406	5.102826	6.537355	6.138158	4.280003
5.275532	5.522268	5.850366	6.681265	5.790215	6.838048	7.316482	7.00162	6.229302	6.839967
0.034341	0.151874	0.715107	0.632966	0.196024	0.106147	0.238702	0.163055	1.550827	0.414887
3.658129	2.711297	2.663979	2.807018	3.660802	2.965827	2.662879	2.924104	3.348769	3.759031
1.072475	1.775643	1.001836	1.0258	0.901446	2.306011	1.284164	2.379947	3.540409	2.59479
1.373728	2.802702	2.188999	2.027481	1.437893	2.983727	2.560324	2.98715	2.64214	3.848274

1.818177	2.535402	2.326281	2.837883	2.183505	2.871016	3.256978	3.719562	4.142805	4.374584
0.798063	1.69635	2.137555	2.059191	0.742185	0.742185	2.590546	1.845285	1.072146	1.36131
3.081564	1.534792	1.351472	1.917961	2.518872	2.072172	2.56029	3.096247	2.45928	3.3445
2.669351	3.824064	3.137411	3.541483	2.550775	4.898235	3.526832	4.073451	3.555939	3.6931
10.4514	10.13106	9.946621	10.05965	10.85541	9.142854	10.13836	9.604717	9.734718	9.730169
2.792614	4.909111	4.093509	4.743683	3.106319	5.053983	5.170009	4.977467	4.527497	4.672317
2.4302	4.367538	1.655205	2.198692	2.355894	3.556945	2.335661	4.488717	4.601772	3.513961
6.497558	5.64789	5.844077	7.410422	7.078716	6.10891	7.344766	6.493492	7.479568	8.199775
3.973581	2.944025	3.787783	3.934238	2.838731	3.855453	3.929285	4.463344	3.402054	2.99407
1.247413	2.676642	2.553847	2.787545	1.623931	4.043704	2.901033	3.522336	3.402548	3.611075
0.633588	0.19447	1.398908	1.479284	0.833443	2.515528	1.01052	1.669703	0.911014	2.290757
1.918564	3.239424	2.5848	2.522017	1.862345	3.598306	2.398722	3.185371	3.211389	3.164372
2.636251	3.744521	3.506692	3.632566	2.902587	3.652535	4.090947	3.801623	3.726349	4.419466
2.062141	3.348141	2.981843	2.980505	1.940565	3.774128	2.803649	3.348141	3.531965	3.307505
0.599476	1.134847	1.03468	1.052995	1.263012	2.163777	1.146084	2.106451	2.681777	2.383944
1.524831	3.502037	2.540553	2.378087	1.800895	4.152888	2.668045	4.205916	3.566328	3.056842
0.858254	1.50808	1.70123	1.496482	1.032806	1.760665	0.99638	1.897695	1.886917	1.50808
1.702245	2.926709	2.538211	2.805192	2.602021	2.043382	2.234552	3.047809	2.748112	3.821353
7.937958	5.102691	1.797542	5.42218	7.251183	3.610162	4.292414	3.122197	5.328917	3.063077
4.464955	4.854407	4.721699	4.717509	4.613789	4.419787	4.58207	4.683348	4.013958	3.976904
0.40479	1.416968	1.472924	1.006289	0.445417	4.335733	0.86172	1.747807	1.539668	1.323171
4.338173	4.857528	4.427536	4.98141	4.710216	4.830201	4.532068	5.152004	4.681	4.859582
2.076107	5.484616	2.56463	1.831619	2.437544	3.957072	2.632233	5.797217	3.887101	3.70451
4.635281	5.316811	4.420953	4.169255	4.322611	4.580687	4.485167	5.226659	5.208575	5.11001
4.494957	4.547098	4.883818	4.516855	5.026614	4.79499	4.084675	4.215929	5.595283	4.862774
2.627545	4.140768	3.385909	3.989539	2.819417	5.654389	3.951897	5.546263	5.723622	5.805764
3.295482	3.791333	4.266416	4.269136	3.401137	5.103308	4.956002	4.912152	5.462463	6.554311
6.123005	5.726727	5.895351	5.776068	5.30217	5.435695	5.948054	5.584535	5.522964	5.098721
5.388258	4.027758	5.044194	6.067397	8.297342	3.704998	6.240943	5.902319	6.147071	7.473506
3.542761	3.043269	3.973134	4.326125	2.294392	3.320538	4.221549	5.040285	4.692218	2.988035
2.742859	4.054553	3.228536	3.780258	2.704106	4.658355	3.523479	4.015875	3.709055	3.349282
4.275445	5.073507	6.853173	6.269347	2.633287	4.937861	6.197061	6.120921	6.718572	6.093806
1.560034	2.086064	2.263337	1.65735	1.274115	3.257446	1.89842	2.220163	3.636771	2.769804
2.390154	3.519054	2.276785	2.562855	2.460838	3.162349	2.320612	3.203133	2.865824	3.000723
1.746466	2.497232	3.012134	3.139032	2.447564	2.386567	2.735161	2.52705	3.697456	3.601206
5.325694	4.12443	3.250953	3.336542	5.362073	1.969236	3.51204	2.45951	2.241013	2.45951
0.886838	0.357798	2.51275	1.391523	0.970212	0.443855	0.143627	0.565164	0.436297	0.970212
4.364773	4.943447	5.5896	5.078136	4.277675	5.733432	5.443888	5.350848	5.323093	4.936811
2.599864	4.121677	3.983355	3.693702	2.597697	4.55354	4.563426	4.795003	4.517188	5.091169
3.427474	5.352678	4.998238	4.715814	3.488287	5.954399	4.998238	5.92348	6.205955	5.880415
0.673919	0.597488	0.735701	0.141408	0.317803	0.025785	0.252468	0.089715	0.09852	0.214217
2.852663	0.797779	2.775789	1.135803	2.936081	0.11983	1.236714	0.337778	2.528003	1.569155
4.25929	3.92744	4.477075	4.10096	4.684981	3.83083	4.040126	3.624873	3.000951	3.017899
3.707792	7.41856	4.226621	2.764727	2.581401	5.709449	4.087779	6.453256	8.031717	6.634407
2.473544	2.026411	2.343858	2.797203	2.155275	1.092462	2.299001	1.701072	1.590062	1.965355
3.244756	3.174171	3.115076	2.022124	2.818526	3.806016	2.856336	3.147952	3.729585	3.551983
4.627001	6.578607	6.097193	6.328214	4.553921	7.939357	6.273878	7.057929	6.726761	6.778241

1.484344	3.251317	2.170076	2.099597	1.582974	3.679521	2.120784	3.265169	3.668857	3.176094
0.206357	0.486249	0.499735	0.526379	0.902546	0.5784	0.526378	0.238174	0.284771	0.238174
3.645131	4.652967	4.15472	4.667933	4.144377	5.243424	4.405565	4.970621	5.336402	5.729835
1.947851	3.79803	2.897198	2.696744	1.930611	4.923583	3.02777	4.407652	4.558003	4.400472
3.026298	1.13745	1.236276	3.208917	3.88972	1.206151	3.050303	1.40432	3.49942	5.918777
1.19986	3.727392	1.331717	1.645603	1.026705	1.953968	2.094911	2.220747	1.887121	2.198012
0.085011	0.098724	0.014424	0.191241	0.085011	0.098724	0.028819	0.112308	0.348783	0.629678
5.998014	5.78619	5.375138	5.738301	5.557215	6.207332	5.821612	5.899086	5.542564	5.724159
5.511425	5.57279	5.324942	5.45947	7.673001	4.261704	4.867482	4.892462	5.374607	5.430124
4.95	7.049882	6.128266	5.817002	5.143242	6.980761	5.680659	6.725831	7.194411	7.142143
4.069496	4.501464	5.081648	5.734857	4.013312	6.318995	5.327165	6.072224	6.313738	6.381368
6.070932	4.085951	3.708175	4.175305	6.445709	3.766148	4.008202	3.481873	3.386204	3.833079
1.520813	2.750138	2.531069	2.452853	1.55067	3.822241	2.280158	3.450986	3.365335	3.01332
3.327188	3.260361	3.79232	3.696624	3.40463	3.548121	3.716529	4.043472	3.408385	3.431916
0.075068	0.498704	0.136344	0.314779	0.049712	0.898238	0.480541	0.480541	0.365799	0.375764
1.505996	-0.0152	-0.0152	1.375895	3.644877	-0.12499	1.454536	0.036007	0.220713	0.372399
0.409192	0.882548	2.007232	1.554112	1.005131	4.36721	0.874513	1.062562	2.282496	1.005131
3.368092	4.747944	3.274632	1.918861	5.501875	4.38481	1.979331	1.543074	3.450493	2.890381
6.720722	6.590455	6.737246	6.688959	6.194469	6.682118	6.760018	6.980408	6.718632	6.452598
3.861348	3.659436	3.552136	3.616434	4.377415	3.952221	3.751306	3.678058	3.38651	3.915364
2.934793	3.534641	3.865056	3.946399	3.171105	5.033642	3.666939	4.270659	4.997206	5.273969
3.401493	3.563044	3.100727	3.274861	3.103154	4.590561	3.213468	4.236946	4.201674	3.911505
1.911774	3.380396	3.050139	3.815984	2.053757	2.770831	4.718731	3.318887	3.357601	2.907836
2.111187	2.728817	2.730868	2.844548	2.05353	4.240075	2.947266	3.558801	2.502781	3.231999
5.219349	3.005901	3.702189	5.287069	5.132979	3.77519	5.122084	4.900625	4.477758	4.772315
1.133884	2.021316	3.473873	3.003282	1.23828	5.692113	1.467317	4.12828	5.04738	4.750668
1.611903	2.00286	2.112324	2.356938	1.616901	3.190508	2.047313	3.257136	2.871803	2.425202

CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P3	CGGA_P4	CGGA_P4	CGGA_P4
1.261532	0.344448	1.163482	1.467072	1.037979	0.869743	1.423531	1.193082	0.287655	0.977369	
1.979994	0.71979	2.46212	1.956587	1.772218	0.877938	1.027936	0.801035	0.613828	0.8612	
5.821614	5.510931	6.479556	5.564681	6.217158	5.857792	5.880236	6.077072	5.392349	6.105659	
2.891653	3.459631	6.161158	4.816214	4.424733	3.128563	2.61185	3.928095	3.522082	3.594648	
0.850381	0.916361	0.658994	1.259698	0.908298	1.265828	0.762807	1.307934	1.849603	1.18375	
7.114585	7.713405	7.478442	7.772944	8.278209	6.764276	7.368044	6.818916	6.95512	6.962622	
7.184206	5.580068	7.297586	6.742552	6.926406	6.295721	6.236047	6.331712	5.927095	6.670885	
-0.00197	0.767687	1.353658	0.141705	0.549975	0.673496	1.110142	0.905553	-0.02796	0.883802	
0.009871	0.175555	0.261317	0.059466	0.009871	0.009871	0.059466	0.009871	0.009871	0.009871	
5.995129	5.9866	5.77382	5.623721	5.616615	5.99737	5.792703	5.980112	6.229683	5.933424	
4.966137	4.49678	4.812259	5.481564	4.573281	4.909419	5.184934	4.823663	5.407709	5.021691	
2.542999	2.4592	3.314218	2.478081	3.376525	3.810299	3.38363	3.56404	2.74318	3.307916	
2.757237	2.197392	3.564336	3.269516	4.844093	1.911938	1.827335	2.320222	2.098688	1.874493	
4.163749	2.84367	5.718567	4.009124	4.961969	3.905093	3.125164	3.766438	3.799015	3.383928	
4.671796	4.520233	4.965414	5.578023	5.604469	6.465363	5.91025	5.931874	6.143481	5.825189	
3.719817	3.363776	3.829068	3.719817	3.796364	4.142566	4.278045	4.276983	3.581089	3.248573	
1.384805	0.736341	1.625017	1.864896	2.538729	1.17255	0.824629	1.17255	1.872897	0.722143	
8.989399	8.732089	8.882953	8.943283	8.699543	8.453636	8.198109	8.428879	8.403723	8.207591	
4.33726	4.918582	4.081417	4.429003	5.227869	6.220173	5.719368	6.021414	6.554689	6.09488	
4.019167	3.607948	3.911971	4.054516	4.47805	4.484772	4.270927	4.438594	5.022026	4.139567	
3.638649	3.352413	2.870264	4.03612	3.119928	3.843627	3.131062	3.683224	3.696719	3.794201	
2.870115	2.002378	2.961842	2.312643	3.774024	3.200274	3.374423	4.157236	4.983538	3.582966	
3.290337	2.877157	3.236697	3.197762	3.07388	3.143854	3.366384	3.186025	2.961296	2.962764	
1.509868	1.499658	1.224466	0.810354	0.645554	0.34049	0.683762	0.540772	0.710267	0.010277	
3.985403	3.627166	3.910924	4.304043	3.671472	3.920748	3.717015	3.799781	4.825021	3.477285	
3.878695	3.068021	3.747583	3.036682	4.830605	3.609449	3.589677	4.446119	3.119644	4.422502	
1.134384	0.980546	0.792243	0.924958	1.118159	0.327381	0.833492	0.317373	0.075214	0.168548	
5.110838	4.274514	4.557443	4.574203	5.02209	4.367881	5.437403	4.179345	4.591398	4.373025	
2.220155	1.924737	2.934255	1.927021	2.209591	2.533999	2.656403	3.150976	1.722038	1.327178	
4.539021	4.507238	4.258287	4.224658	4.403365	4.456026	4.821137	4.404813	4.278382	4.633835	
2.929582	2.300499	2.436878	3.594884	5.464941	1.616427	1.368636	1.310438	5.580004	1.720185	
6.704766	3.951281	5.09786	5.173465	5.174082	5.252397	5.473562	5.678442	6.192119	5.689477	
4.773953	4.393166	4.842497	4.571556	5.297489	5.756157	5.286903	5.691519	5.53938	5.863253	
3.486943	3.185495	3.659735	3.268064	4.016945	3.642594	3.633423	3.231735	2.986108	3.493838	
3.791543	3.240207	3.88611	2.857571	2.596689	3.086598	2.947222	4.319527	4.630776	2.191222	
2.59515	2.101557	2.110658	2.674324	2.541103	2.866046	2.35146	2.361149	2.991874	2.50779	
5.603249	5.828315	5.779097	5.72302	5.509153	5.569539	5.679922	5.6082	5.68826	5.592979	
4.56613	3.702507	4.846831	4.568235	5.178811	4.205137	4.076293	4.107576	4.878326	4.309859	
4.555052	4.362538	4.94598	4.710374	5.829213	4.602023	4.344011	4.300148	4.350532	4.465388	
0.093216	0.063859	0.033927	0.033927	0.191735	0.284279	0.093216	0.093216	0.063859	0.150289	
5.662088	0.416321	0.679764	6.397124	0.249674	0.374669	0.151644	0.374669	4.52569	0.959549	
2.69113	2.94828	3.623378	2.83175	2.749567	2.706374	2.839954	2.872245	2.846749	2.895932	
2.886449	3.007986	3.847844	3.883644	3.604134	1.56986	1.604359	1.497669	2.07222	1.644465	
1.04603	0.284409	0.738608	0.332493	2.170586	1.665057	1.750525	1.83978	0.170743	2.04524	
2.001011	0.707795	2.811978	1.277082	0.615258	1.197364	2.080922	1.912928	0.885946	1.155449	

12.22968	11.18155	11.78689	12.6811	11.30275	9.501597	9.661201	9.665617	11.62591	9.54381
5.615757	4.955271	6.614811	4.311338	5.741119	7.147853	6.672666	7.511131	4.185563	7.112314
4.894586	5.396995	5.197575	4.399581	4.232667	4.236809	4.307835	4.46252	3.974496	4.122608
1.074544	1.113251	0.427718	1.5275	0.82644	1.345916	1.75157	0.89496	2.026048	0.20795
0.941625	0.265135	0.813639	0.495262	1.010079	1.256041	0.897175	1.678283	0.507055	0.587077
1.869971	1.443448	1.580998	1.784604	0.777991	-0.0458	1.608009	0.097848	-0.0458	0.007689
2.39672	1.855327	1.895326	2.67007	2.611805	2.234024	2.839949	2.448429	3.292681	1.986179
4.899738	5.163963	4.960833	4.898721	4.76553	5.058339	4.766307	5.030865	4.870146	4.962742
4.959941	4.268554	4.823641	4.835973	4.912395	4.71847	4.724153	4.773962	4.690264	4.492505
0.029448	0.199777	0.818096	0.658755	0.364825	0.388682	0.226379	0.102778	0.252518	0.029448
3.307745	2.505426	1.895482	4.097029	3.843589	0.408148	1.858504	1.145778	2.537387	1.703197
8.378024	8.969166	8.02759	8.017462	7.923899	7.35042	6.919868	7.336409	8.288125	7.515907
8.766476	8.616478	8.68151	8.558969	9.045741	9.399967	9.030122	9.435655	9.271716	9.55604
4.526026	4.526856	5.201818	4.666947	5.557697	3.639318	4.480194	3.873828	3.730428	3.700536
1.582586	0.906874	1.783525	1.492902	2.705562	2.176121	1.720153	1.51715	1.814017	1.966004
5.860087	6.102979	6.300673	6.210024	5.347147	5.085591	5.485374	5.585438	5.041969	5.281546
3.773403	3.996441	6.088256	5.18518	2.788359	1.510302	1.826653	1.400787	2.686309	1.452065
3.191187	2.919929	3.604022	3.42384	3.824231	3.97358	4.04318	3.736744	3.611035	3.469911
0.657104	0.642045	1.469578	0.002475	1.004801	1.641464	1.188582	1.685462	-0.1948	3.485478
10.7553	9.336185	9.745533	9.184888	7.550235	7.149543	8.368571	7.515804	6.891588	8.772401
2.701971	2.285791	2.632383	3.038068	3.437465	3.49752	3.064962	3.2677	3.441637	3.399129
4.191303	4.368583	3.848261	4.335239	4.547194	4.613108	4.409856	4.692804	5.761011	4.202961
1.039821	0.604987	0.440912	0.557157	0.963496	0.575347	0.796919	0.1789	0.106526	0.230107
5.696999	5.3667	5.744787	6.26778	5.472632	5.601902	5.279411	5.753759	5.487186	5.765789
3.099225	4.120235	3.805435	2.76636	3.676692	4.11547	3.995082	4.118807	2.756746	3.889175
2.712928	3.004822	3.453942	3.349503	3.703247	1.771489	1.496356	1.685481	2.38545	2.165695
3.417606	3.387331	3.376841	3.36209	3.197322	2.298865	3.196623	2.293795	2.728548	1.99927
4.343585	4.460208	5.834685	4.09054	4.612976	5.297428	4.732341	5.500343	3.878532	4.496278
4.662039	5.571819	6.770606	4.388094	4.235831	5.195878	5.648877	5.743948	3.008269	4.549464
4.490327	1.596646	5.178848	5.028019	4.159703	2.348645	1.344493	2.742089	4.656939	1.17988
3.650437	3.427236	3.379512	3.261783	3.428007	2.39421	3.042176	2.149037	1.288125	2.026186
4.15787	1.760459	3.658089	2.893998	4.733479	3.371888	2.912517	3.065571	3.973005	3.498828
2.581376	2.127459	2.326169	2.748448	2.914174	2.982103	3.009917	3.151496	3.304162	2.569495
2.928922	2.673738	3.267173	2.846572	3.295644	4.154777	3.514249	4.246033	3.664405	3.844406
2.424812	1.688801	2.814591	2.405402	2.780379	3.032467	2.661683	3.18328	2.065765	3.325733
4.272425	3.919604	3.594009	3.922866	4.250956	2.632616	4.473165	2.349819	2.458059	2.520288
8.287763	8.611409	8.425609	8.295406	7.898096	7.673733	7.532942	7.849472	8.127557	7.932587
0.981346	0.886589	0.909111	0.653846	1.495997	0.945756	0.855908	0.97431	0.366805	0.680987
5.87549	6.709753	5.603258	6.025489	5.441489	5.467897	5.648394	5.4176	5.376913	5.662342
0.540485	0.377813	0.368154	0.246324	0.497289	0.443498	1.417543	0.039251	0.014082	0.076119
3.66499	3.056213	3.139453	3.32498	3.336542	3.524033	3.723119	3.598877	3.918235	3.399402
4.046896	3.935545	4.154457	2.273304	4.287204	3.080251	3.804985	0.924092	1.547221	2.519881
1.919057	1.464674	2.30571	2.018288	3.215418	2.046769	2.820949	1.974223	3.633018	1.977212
3.267297	3.336861	3.569588	3.553399	3.330517	3.516379	3.301773	3.089912	3.294011	3.502759
5.225012	3.427139	6.501522	5.899758	5.182256	7.151875	6.040404	5.64003	4.791661	4.622218
0.806447	0.051625	0.883833	0.964217	1.792463	0.244093	0.358918	0.051625	0.423482	0.051625
4.304909	4.168052	4.512736	4.981591	3.574921	2.193587	2.637847	2.559764	3.234124	2.446466

0.551804	1.649572	0.197575	0.697884	1.896213	0.14939	0.213325	0.274847	0.577078	0.14939
6.347292	3.715514	5.038272	6.349095	5.573924	4.632725	3.586042	3.868587	7.074242	4.419122
2.673601	2.467078	1.427738	2.079862	1.858868	0.242525	2.394238	0.002638	0.321218	0.227582
3.516429	3.488064	3.707092	3.503828	3.860245	3.551977	4.358687	3.549117	3.723753	3.37855
2.879714	3.020215	3.654203	3.134446	4.320806	3.253236	3.029453	3.129132	3.048512	2.893112
6.717962	5.467799	5.871096	5.986934	6.964666	6.568615	6.761079	5.959073	6.167165	7.335297
3.671131	2.296363	4.517182	4.181671	4.438364	0.944707	2.905425	1.834498	2.311426	1.317165
6.558961	4.797515	6.118488	5.912551	6.939681	7.877013	7.330714	8.216344	7.043636	7.168969
4.457333	1.744201	4.195708	3.570866	4.405379	2.881063	1.835442	2.25231	2.705037	2.162892
2.270594	2.289506	1.650207	2.090434	2.392546	1.665793	2.239321	1.495672	2.02235	1.194059
3.947667	3.103026	3.078327	3.929509	4.119392	3.776822	2.975898	3.313654	3.849603	3.057315
0.103917	0.36035	1.71965	0.522644	0.891256	0.072671	0.072671	0.320402	0.62596	0.164612
9.041758	7.945913	8.879178	8.162336	7.458391	8.601304	8.324018	8.98069	8.521284	8.616159
4.332052	4.796728	4.799836	4.346684	4.692127	5.028205	4.660106	5.182417	5.122793	5.517593
5.7121	3.486874	2.893647	4.379623	3.966805	2.783815	2.955107	3.448541	4.286207	3.572242
0.5319	0.551504	1.51517	1.352302	0.716289	0.901441	0.617975	0.599312	0.599312	0.707639
4.240499	4.109871	4.322375	4.751494	4.797252	5.448981	5.002798	5.440232	6.044628	4.817293
3.07896	2.651101	3.12357	3.78156	3.994236	1.229176	2.330512	1.820799	1.95071	3.914171
3.001888	1.895917	2.977648	2.674766	3.092633	2.656817	3.10355	2.57573	2.959088	2.360571
3.014107	2.527847	3.036947	3.343218	3.602421	3.503745	3.370999	3.25763	3.878788	3.003277
0.093787	0.159833	0.357108	0.070945	0.011882	0.252603	0.301226	0.232593	0.023927	0.159833
0.040664	0.062618	0.073436	0.029523	0.242945	0.08415	0.073436	0.136234	0.029523	0.040664
2.763806	2.137278	3.410041	3.928331	3.417814	4.374442	3.069427	3.535772	1.553783	4.384835
4.441306	2.005279	3.727484	1.992518	3.857498	4.051556	4.601393	4.143112	0.740713	5.266737
2.930412	2.333757	2.686525	2.635476	4.51445	3.349499	2.413669	3.839289	2.325064	2.417748
2.791386	2.106071	2.400174	2.354918	2.972506	3.59693	3.576491	3.188346	3.484553	3.323087
4.147724	3.744035	4.530085	4.483165	4.159028	4.06622	4.292772	4.292772	5.317993	4.107136
7.130048	7.085369	7.396798	6.852943	7.442457	7.026731	7.031956	7.237076	6.0189	7.419856
0.057751	0.070559	0.120584	0.01857	0.01857	0.144907	0.083243	0.120584	0.044819	0.01857
1.537374	0.553735	1.885069	1.007386	1.911429	1.090369	0.613851	0.778633	0.877574	0.335713
2.556985	1.906153	2.383206	2.213037	3.591102	2.841079	3.538492	2.701918	2.74363	2.437996
7.194691	7.001507	7.220326	7.724185	6.692544	6.597104	6.530949	7.065646	8.028883	6.428728
0.048193	0.028997	0.057655	0.019258	0.922071	0.009424	0.067027	-0.00051	0.009424	0.038641
1.020719	0.175214	1.310865	0.188759	0.911787	0.749114	0.533948	1.693436	0.267413	0.254604
3.804725	3.441248	3.954265	3.893305	4.555257	4.777253	4.369758	4.742707	5.107203	4.642748
6.003676	5.857733	6.220945	5.824458	5.583434	5.844229	5.46101	5.962267	5.558279	6.295418
4.939769	5.677713	5.297564	4.883114	4.861821	5.350787	5.610143	5.49668	4.278725	4.714382
4.429225	3.435011	4.138838	3.727921	4.510954	4.91437	4.457583	5.449734	4.371649	5.349195
4.258944	3.418776	4.097702	4.265579	4.766512	4.909276	4.384107	4.784944	5.646297	4.709859
1.283617	1.404415	1.469617	1.474296	1.389389	1.414321	1.464917	1.264018	1.729589	1.438704
5.915051	2.77612	5.948366	5.061756	6.916403	5.719805	3.638541	3.751246	3.952158	2.967499
0.004922	0.026154	0.015591	0.015591	0.004922	0.14541	0.004922	0.004922	0.004922	0.004922
6.970763	4.013166	6.51591	6.821894	7.549123	6.199953	5.039188	5.360512	6.731912	5.22465
4.485412	4.006744	4.494713	4.237437	4.601809	4.176717	4.485412	4.423188	4.030294	4.38465
4.930314	3.721252	4.852101	4.794189	5.455588	5.185019	5.00216	5.052083	5.794929	5.815346
2.611821	1.587011	2.177579	2.422166	3.045534	1.936306	2.962435	2.108941	2.134128	2.123411
6.29362	5.05563	6.587674	6.1738	5.938811	4.95053	5.189882	4.370657	4.158716	4.830946

2.872759	2.069742	3.773805	2.807938	3.720043	3.540991	3.168768	2.468244	2.587269	2.216784
0.025018	0.382502	0.585615	0.001022	0.726678	0.201588	0.241985	0.434443	0.001022	0.048549
4.150823	4.363088	3.9247	4.574418	4.138832	5.441213	5.192101	5.501144	6.816909	5.31171
0.524522	0.323226	0.382102	0.263195	0.496563	0.232732	0.293357	0.232732	0.232732	0.232732
0.103682	0.181561	0.64115	0.090275	0.668265	0.435228	0.255374	0.218949	0.103682	0.206596
6.92364	5.849255	7.093778	6.217414	8.47965	6.097863	6.182832	6.444648	5.51396	6.8469
3.230939	2.886885	2.986291	3.375737	3.762862	4.412811	4.68684	4.365024	3.644157	4.691066
2.679999	2.125269	2.732262	2.125269	2.150193	2.404262	2.650054	2.681406	1.391937	2.581568
1.669147	1.360098	2.109029	1.615845	1.094798	1.43027	1.166305	0.888348	1.04995	1.116662
7.249591	6.922944	8.048655	7.740849	7.699846	6.212584	6.783262	6.149776	7.187095	5.657096
0.318188	0.089561	0.124027	0.000439	0.000439	0.000439	0.157854	0.333474	0.000439	0.072081
2.465295	2.453548	3.143416	2.969429	3.207554	1.409993	1.037438	1.163442	1.466548	0.915963
3.042015	3.011999	2.50257	2.580743	3.600432	2.964271	3.113973	2.711034	3.121685	2.971638
6.988773	6.257963	6.539747	6.232963	7.494825	5.476443	5.988246	6.00627	6.737803	6.010342
0.427058	0.65491	0.504325	0.720248	0.365993	0.386663	0.257504	0.323659	0.466256	0.246149
0.16144	0.301782	0.149979	0.679616	0.066732	0.16144	0.332091	0.1728	1.346061	0.091075
4.696317	4.684317	4.435457	5.02998	5.032533	5.153652	4.952322	4.981499	5.591442	5.067663
5.315296	4.986811	6.456654	4.737659	5.676675	6.370148	6.111691	6.91923	5.177371	6.397938
0.172826	0.022728	0.059014	0.047036	0.070877	0.022728	0.059014	0.022728	0.010393	0.010393
9.970326	10.44405	9.922411	10.80698	8.843421	9.29786	9.896346	9.364987	10.11665	9.623529
5.21018	5.071941	4.544052	4.88469	4.876585	5.109068	5.109936	5.056073	5.380557	5.374849
4.296415	0.604328	1.993901	3.002163	1.207499	1.488834	2.78846	0.908404	1.432792	1.189031
7.81614	7.240582	8.452946	7.358094	7.602088	6.525131	6.567011	7.117332	6.741344	7.032812
3.671825	3.861919	3.710425	3.418978	3.77179	4.186444	4.529437	4.102087	3.773115	4.097712
3.282543	3.10434	3.115044	3.086261	3.838973	2.911277	3.347529	3.054196	3.08869	2.764812
1.211591	0.841445	1.605468	1.170316	1.84086	0.605799	1.558561	0.938109	0.612665	0.556547
0.100874	-0.0264	0.131218	0.175715	0.315943	-0.0264	0.038463	0.006351	0.131218	0.006351
1.192889	0.733461	0.524483	0.41359	0.751912	0.647473	1.144414	1.034885	0.255821	1.553998
5.626739	4.95816	5.503243	5.511508	5.915594	4.848967	4.795356	4.959326	5.245801	4.819394
6.686567	2.831949	2.91792	6.085602	4.878957	3.686545	4.19541	3.750269	5.065393	3.068608
4.688016	1.639177	3.660535	2.859103	2.921399	0.575979	2.325302	0.625047	1.170937	1.024331
4.687141	4.697666	5.277435	4.222218	6.371028	5.580476	5.295354	5.20221	3.424923	5.051722
2.521929	0.510327	1.749872	1.308907	1.71939	1.255023	0.903803	1.841631	0.479079	0.560929
4.987303	4.846182	4.999959	4.501851	4.979645	7.212979	5.156729	6.139942	4.216669	6.372055
2.314904	1.617776	1.644108	2.190453	0.990855	0.673337	2.175382	0.932145	0.457225	0.953266
3.491682	3.43066	3.481134	3.54676	3.532773	3.069512	3.57992	3.232487	2.946058	3.136772
1.870285	1.405206	0.932882	3.690903	0.960362	0.910438	2.041545	1.274344	3.274685	0.720703
0.493714	0.257451	0.765441	0.565712	1.055649	0.163426	0.581139	0.195596	0.152507	0.237187
4.554785	4.747463	4.463512	5.386951	4.499631	5.471672	5.563501	5.309238	5.489832	5.718278
6.264946	4.640056	5.977186	6.112155	6.970971	6.075814	5.453949	5.928854	6.338367	6.530737
1.124912	0.926467	0.919528	1.999308	1.188569	0.284909	0.532842	0.372967	0.869872	0.25027
5.337711	3.681924	5.668974	4.387156	7.136637	6.646066	3.993482	4.573386	3.881384	3.600399
6.023155	6.200997	6.479648	6.148373	8.178022	7.372182	6.856396	7.079363	5.921594	7.559374
0.034341	0.082656	0.433046	-0.00313	-0.01587	0.151874	0.320013	0.433046	-0.01587	0.44203
2.532243	3.061027	3.155007	3.313988	2.909251	3.216594	2.818539	3.326708	3.231796	3.027568
3.360893	2.113385	2.602121	4.055616	2.436288	1.841781	1.316405	1.455454	2.959312	3.148651
3.141909	1.861312	3.300144	2.876184	3.437516	2.639095	2.26642	2.965302	2.681039	2.193434

3.920578	2.535402	3.71264	2.815295	3.856692	4.635285	4.107902	4.45446	1.792578	4.387583
1.917198	1.091038	2.796921	1.668456	2.232639	1.340795	1.765468	0.966526	0.334228	0.821302
2.116874	1.367117	2.859158	1.427895	4.738932	3.096247	2.417996	3.358243	1.327651	3.025545
3.862132	3.540159	3.248632	3.825083	3.690797	3.658027	3.463326	3.791987	4.732397	3.368288
10.88328	9.83806	10.59288	10.60823	10.22899	9.293212	9.102413	9.560132	9.582405	9.243531
4.909559	4.285155	4.52376	3.639763	5.350095	4.313874	4.585706	4.705881	3.746443	5.281748
3.573772	2.772732	4.552198	4.580047	4.503363	2.766767	3.153119	3.020188	3.725729	3.731713
7.964379	4.852325	6.871891	7.096934	6.18124	8.543265	7.860648	8.056424	7.195589	7.297288
3.497835	3.645053	3.797303	3.429759	4.356298	4.689363	4.499273	3.934609	4.112683	4.363262
2.412118	2.709438	2.542683	2.555698	2.602782	3.742387	3.573665	3.639431	3.79812	3.896337
1.563575	1.294717	1.656976	1.988564	0.307265	1.561253	1.834134	1.84139	3.302145	1.066224
2.555127	3.189522	2.706777	2.301444	2.835627	3.58411	3.001177	3.477997	3.559046	3.266737
4.278614	3.339308	3.875094	3.630917	3.988065	4.765094	4.251768	4.756193	3.555966	4.700894
3.2007	2.862644	2.979165	3.049071	3.478991	3.632935	3.641249	3.54421	3.716322	3.469198
1.877148	1.47505	2.006816	1.900763	1.668683	2.976869	1.003499	2.646923	1.548526	1.889015
3.062383	2.53481	3.799319	3.773342	3.269732	3.475049	3.304773	3.067897	4.169625	2.857717
1.778775	1.436549	1.50808	1.593088	1.884206	2.009661	1.878762	1.892319	1.28697	1.859491
1.80838	2.350135	2.886023	2.298746	2.829536	3.026184	3.560039	2.950184	2.433414	3.585978
6.835016	5.920999	4.751484	3.401993	3.975966	5.85992	3.416149	3.05881	3.741009	2.67618
4.705835	4.826003	4.556299	4.900095	4.725871	4.108519	4.365494	4.220793	4.496542	4.308462
2.187039	1.691082	1.142368	2.509214	0.755641	1.888061	1.959245	1.907861	4.426944	1.302539
4.723788	4.567776	4.873032	4.537251	4.761344	4.801418	5.194615	4.948873	4.90213	5.099933
5.053367	2.553027	3.891446	4.604925	4.805752	3.560128	2.607276	2.598853	5.692328	2.076107
5.141303	4.207083	4.930044	4.988517	5.147191	4.850266	4.886985	4.991503	4.934155	5.003355
4.395586	4.307308	4.452855	4.354478	4.479472	5.226426	4.963681	5.070113	4.211625	5.630822
4.039383	3.535572	4.26249	3.814454	4.747886	6.243661	4.805094	6.056887	6.098152	5.998271
5.305695	4.480701	4.617493	4.746955	4.549262	6.608889	4.426314	5.842241	6.301002	5.138967
6.10383	6.142497	5.671895	5.986627	5.872274	5.331156	5.620389	5.209514	5.767148	5.572878
7.746521	4.496596	8.300002	7.918413	5.508688	6.139679	5.593927	6.154144	5.737876	5.097134
4.259249	2.120381	3.03756	2.786903	3.764114	5.910469	5.903575	5.585714	1.41264	5.255449
3.856179	2.957441	3.821482	4.145811	4.960665	3.475707	3.629638	3.034242	3.956973	3.204186
6.496847	3.79885	4.692147	4.879242	7.288288	6.376509	6.187866	5.24719	5.090244	5.123847
2.184357	1.773519	2.102525	1.862418	2.440219	3.409604	2.716947	3.091428	3.331368	2.887793
3.053606	2.865824	3.052085	3.339077	3.39245	2.612902	2.862242	2.737309	3.073203	2.749241
4.740896	3.188863	3.387246	4.968574	2.966642	2.188778	1.990608	1.982882	4.867526	1.599078
3.400826	3.973735	4.313953	3.712835	3.325158	1.606824	2.342821	1.730753	1.317836	1.604705
0.219618	2.230331	1.215712	0.509696	0.458822	0.37394	0.349639	0.785741	0.103625	0.163109
5.038942	5.386647	4.898883	5.204036	5.035378	5.873331	5.468029	5.618466	5.912865	5.53484
4.853589	4.390795	4.641196	4.835923	4.76249	4.713914	4.521684	4.624844	4.053616	5.087158
5.253235	5.081416	5.599836	5.35094	6.00291	6.255403	5.648176	6.145189	5.53058	6.269658
1.905006	0.352321	0.267364	1.195494	0.548628	-0.02254	0.338658	0.025785	0.107247	0.06282
4.048111	0.758516	3.209827	0.738387	1.509698	1.757615	2.256232	2.166698	0.058465	2.215971
4.069346	5.114196	3.771316	4.552587	3.206508	3.313114	3.800216	3.432783	3.808812	3.028118
6.45492	3.046386	6.010463	5.448731	6.80726	3.759505	3.884971	4.557103	5.419933	5.179069
2.488087	1.698279	2.209391	1.840493	1.802654	1.714941	2.399611	1.571553	1.083148	1.891535
2.377825	2.289202	2.570123	2.630036	2.736587	3.746235	3.383551	3.514262	3.710681	2.986612
6.462386	6.003555	6.354834	6.849218	7.078589	7.052468	7.127532	7.075197	7.889732	6.941259

3.012612	1.903997	3.063082	3.1408	3.800222	4.080313	3.086604	3.775139	4.291195	3.774163
0.701657	0.771393	0.388605	0.61636	0.641187	0.253854	0.849169	0.238174	0.300013	0.238174
4.467127	4.703144	4.760954	4.901116	4.761835	5.316275	4.635105	5.366089	5.552617	5.14503
3.360478	2.696744	3.571115	3.719863	4.591407	4.28508	4.066076	4.329068	4.474887	4.280459
2.817433	2.460833	4.044069	1.51565	0.677549	4.859407	2.895985	5.969672	2.325067	1.372319
3.124293	1.383336	2.454758	3.114861	2.557179	1.075431	2.451062	2.099912	3.364221	1.156122
0.290203	0.071166	0.5718	0.26609	0.203988	0.325635	0.139101	0.085011	0.139101	0.098724
5.921196	5.955522	5.613681	5.734587	6.125256	5.702996	5.458574	5.724753	7.432766	5.30121
6.278259	7.372764	6.362411	7.622178	4.458953	2.616021	3.748526	3.826664	5.375159	2.099426
6.939257	6.108568	6.497829	7.224879	7.201082	6.595929	6.506745	6.561476	7.584672	6.988927
4.302717	5.974856	5.947696	5.134533	6.454865	6.704978	6.566526	7.017757	5.989306	6.578465
3.947303	4.43386	4.188904	4.270626	3.982788	3.019791	3.289032	3.210647	4.260047	2.708519
2.935326	2.513528	2.619981	2.893022	3.391258	3.53355	3.386125	3.061695	3.551294	3.279235
3.297605	3.597715	3.247707	3.470617	3.087077	3.793252	3.689586	3.570394	4.370043	3.767857
2.511708	0.136344	0.4052	0.345635	3.220748	0.713991	0.183338	0.534274	0.272447	0.08756
-0.0152	0.834475	1.385248	-0.03634	-0.10218	1.747281	0.005557	1.539068	-0.12499	-0.12499
2.489539	1.568799	0.637678	3.327604	1.908094	2.56484	2.264977	2.783011	4.517261	0.890537
5.058524	1.627059	3.521438	3.085668	6.311872	0.194869	0.830356	1.472585	3.158766	-0.30873
7.071527	6.804182	7.093642	6.991401	7.612996	6.646033	6.893386	6.782228	6.230576	6.8536
4.021944	3.678556	3.94565	3.544809	3.954146	3.001343	3.434645	3.367965	3.149931	3.201965
4.474387	3.452891	4.34476	4.766036	4.194043	5.263497	4.733156	5.343921	4.891617	4.809874
3.399672	3.688454	3.150546	3.470173	3.728443	4.193198	4.105339	4.024999	4.759422	4.013432
3.639897	2.955151	2.992145	3.182028	3.628739	3.460883	4.387846	3.345137	2.747086	3.536141
3.753324	3.654247	3.080425	3.952756	2.775178	4.306814	3.075732	3.762549	4.165661	2.853894
3.450325	3.763303	4.507769	3.438121	3.802124	5.58943	5.053401	6.429955	3.305963	4.547612
2.276236	2.776693	3.75424	3.681243	3.416738	5.331062	4.464199	5.223914	2.061603	5.831233
2.131089	2.217465	2.043957	2.140351	2.464639	2.939978	3.081532	2.691887	3.333253	3.073775

CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P4	CGGA_P5	CGGA_P5
0.92823	0.632996	1.175401	1.741199	0.711101	0.942458	0.685575	0.641905	0.877197	1.321312	
0.363329	1.093877	1.52931	0.199721	1.306533	0.239161	1.55553	0.633683	2.154688	1.064942	
5.440971	5.767195	5.551898	5.533164	5.96029	5.416474	5.471179	5.791158	5.70101	5.954238	
3.077063	5.103404	3.791038	2.407776	4.008274	2.400329	2.763123	4.175402	3.121268	4.004166	
1.544894	1.150723	1.399264	1.736282	1.777916	1.447907	1.697614	1.144014	1.723522	1.625843	
7.029184	6.969502	6.986836	7.309023	6.47482	7.635134	6.683124	7.406618	7.049524	7.378049	
5.882463	6.622426	6.772137	5.802656	6.248876	6.065542	6.170723	6.288718	6.967267	6.06815	
0.261347	0.048153	0.392403	0.539838	1.001459	0.163839	0.35052	0.574891	0.880133	0.721654	
0.009871	0.009871	0.009871	0.071566	0.071566	0.009871	0.13039	0.118842	0.071566	0.009871	
6.411119	6.050233	6.111185	6.14439	5.9294	6.342863	5.483303	5.716438	5.495924	5.971939	
4.952891	5.020115	5.739769	5.114864	5.085307	5.198745	4.934492	5.380943	4.248014	4.961128	
4.106514	3.385988	3.133022	3.888559	3.717386	3.865121	3.287506	3.316728	3.582933	3.740715	
2.786047	2.90471	2.812951	2.166121	2.318371	2.098688	2.610012	2.766082	2.247704	2.870716	
3.698408	4.948083	4.641781	3.278906	4.536769	3.601881	4.06067	3.678647	4.479716	2.963676	
5.342044	6.031779	6.169281	5.104999	5.041144	5.333548	6.071733	5.764297	6.671683	6.239103	
3.905225	3.974936	3.360045	4.192523	3.998581	4.360213	4.48312	3.719817	4.116381	5.047611	
0.850502	1.28791	1.676482	0.633118	1.270204	1.539754	1.781704	1.039062	2.840932	1.182212	
8.125341	8.369729	8.491687	7.858192	8.690296	8.130274	8.226863	8.271568	8.912327	8.130546	
6.621726	5.625359	5.776054	6.879173	6.372166	5.918388	6.028103	6.257358	5.624873	6.634133	
4.997267	4.482537	4.496313	4.640066	5.014794	5.333487	5.196834	4.537783	4.714453	4.536937	
3.508964	3.612162	3.688217	3.475321	3.545632	3.388389	3.641632	3.590466	2.74884	3.566693	
3.621503	3.099381	3.217373	3.689634	3.309638	3.271483	3.123009	3.491978	3.759462	3.624656	
3.236697	2.978773	2.889832	3.254522	2.988833	3.371325	3.033605	3.02949	3.279615	3.391821	
1.50222	1.822084	0.086528	1.392011	0.932525	2.214556	1.28526	0.552917	0.819882	0.418204	
3.553254	3.895206	3.255632	4.257304	3.671472	4.382985	3.897843	3.710639	4.016175	4.01244	
4.525001	4.525534	2.470809	3.386833	3.536921	5.087839	4.553998	4.588896	4.349314	4.63259	
0.596712	0.266146	0.395373	0.644502	0.667757	0.356955	0.134325	0.414166	0.846958	0.547107	
4.234838	4.350115	4.131583	5.079877	4.241151	4.697639	4.610031	4.844195	5.578225	4.41289	
1.765121	1.942884	1.856344	2.378307	2.766633	2.622787	1.938375	2.147748	3.10459	2.195347	
4.670125	4.445627	4.570209	4.980193	4.3541	4.701119	4.657876	4.727767	4.441439	4.571141	
1.249494	2.630663	4.420915	1.616427	2.50947	3.436244	3.105683	2.181798	3.310941	1.667091	
5.657408	5.806056	4.705219	5.962849	5.289853	5.952726	4.881233	5.399174	5.255051	5.527205	
5.090751	5.495048	5.455441	5.164947	5.129492	5.016677	5.333911	5.887764	4.522565	6.194309	
3.762455	3.633423	4.118926	2.86996	3.44355	2.912975	3.01689	3.453063	2.754296	3.257	
2.383297	2.704188	4.224207	2.424824	3.394987	2.481151	2.148185	2.560434	4.451202	1.848637	
2.652272	2.477799	3.278387	3.059513	2.488603	2.758401	2.97117	2.488603	3.346035	2.948653	
5.772634	5.301668	5.560998	5.512936	5.746092	5.587561	5.380375	5.678687	4.910368	5.537062	
4.311012	4.344294	5.327254	4.03357	4.495791	3.836062	4.425546	4.360179	4.670314	4.010766	
4.176533	4.449832	4.364374	4.078316	4.153921	4.599815	4.103139	4.383008	4.744734	4.511553	
0.245302	0.245302	0.063859	0.078608	0.136219	0.178044	0.41924	0.297053	0.063859	0.16423	
0.141384	0.862142	0.383116	2.117551	0.518277	1.806117	0.525771	0.151644	1.110684	0.240225	
3.376732	3.037588	3.157529	2.688059	3.337857	2.331529	2.908902	2.69113	2.395171	2.385437	
1.118867	1.936804	2.079053	0.689719	2.81213	0.564958	2.816991	1.505092	3.50775	2.046822	
1.817499	1.422944	1.104235	1.508497	1.020857	0.78355	1.099498	1.827457	1.055943	2.411022	
0.714629	0.831485	2.11577	0.205616	1.513867	1.281361	1.510335	0.637248	0.862042	0.938066	

9.069634	10.62695	10.54356	9.224619	10.69446	9.474397	11.15117	9.794558	11.63204	9.588658
7.030891	6.48262	6.334139	6.375912	6.721737	6.372174	5.548028	7.428485	4.932996	6.92882
4.38417	4.086957	4.752746	4.129335	4.470261	4.29976	3.548248	3.863031	4.580947	3.914885
2.099892	0.558422	0.694168	1.777917	1.303726	1.345916	1.866732	0.598874	1.300139	0.820996
0.384666	0.745241	0.86985	0.292544	1.122747	0.292544	0.55331	1.234643	1.853792	1.059419
0.048678	0.172204	0.16318	0.622697	-0.0458	0.266847	0.107423	0.391385	0.346325	0.233369
2.772086	2.365698	2.951884	3.342262	2.59841	3.011724	2.889741	2.35727	2.673215	3.059679
5.170667	4.834934	4.892936	4.65187	4.776356	4.695429	5.025217	4.961152	4.780194	4.958283
4.858629	4.665903	4.814204	4.774297	4.699943	4.731031	5.051712	4.802557	4.671725	4.977789
0.029448	0.172696	1.009869	0.029448	0.412166	0.029448	0.904497	0.029448	0.678402	0.15897
1.713198	2.621466	0.938144	0.933417	2.734893	1.849637	1.769153	3.065904	2.54744	0.704738
5.572598	7.477255	8.328446	4.319428	7.426351	5.786415	7.924815	5.589068	7.387868	5.044928
9.564173	9.229951	9.315946	9.540459	9.209903	9.34698	9.403475	9.42179	8.85687	9.577013
3.324063	3.486542	3.984705	3.601161	4.001918	3.858025	3.340025	3.653025	4.19823	3.81852
1.992304	1.883519	1.267597	2.030721	1.550307	1.760145	2.374472	2.153534	3.19584	2.133423
5.436929	5.474099	5.167076	4.871281	5.983522	5.305347	5.747883	5.4619	4.432812	5.163713
0.422559	0.948896	4.836887	-0.25777	2.840927	0.752882	3.011641	0.574278	4.390244	2.744367
3.536795	3.999708	3.735196	3.93917	4.023433	4.391965	3.888988	3.734421	3.875545	3.469911
1.064947	2.412296	1.599881	3.771692	1.85922	1.710658	0.335137	2.834094	0.418696	1.838941
5.385201	7.464468	7.011288	4.731595	7.719385	5.281544	7.237	7.296355	7.321321	7.100971
3.626833	3.475212	3.436628	3.731563	3.239649	3.76481	3.579976	3.41207	4.336794	3.488019
4.627938	4.741199	4.946933	4.920812	4.786768	4.64287	5.301632	4.513238	4.584129	4.632832
0.246639	0.087632	0.097121	0.633818	0.399141	0.078057	0.230107	0.628115	0.487647	0.487647
5.108463	5.607394	5.498155	5.85241	5.832984	6.03434	5.607571	5.508998	5.378922	5.920916
4.083007	3.972519	3.629768	3.981168	3.991886	3.963802	3.323877	3.819212	3.990285	3.653115
1.887615	2.428274	3.572605	0.8133	3.095362	1.924811	3.206518	1.922366	4.346131	2.237754
2.708441	2.560587	2.088009	2.935113	2.644424	2.740644	2.778202	2.325486	3.097602	2.469236
4.657478	4.606816	4.108163	4.133393	5.317477	4.312204	4.583789	4.131252	4.527202	4.276175
4.136048	4.9984	4.052446	2.908959	5.322593	2.993766	4.563849	4.647012	4.631554	3.448563
2.151773	4.187015	3.321013	1.300466	3.922778	1.996729	6.507396	1.428311	6.240666	1.981672
1.205071	2.420688	1.402879	0.780958	2.283358	2.403451	3.669283	1.987406	3.273007	2.218344
3.620187	3.54338	4.316845	3.069616	3.596866	2.933019	3.889571	3.121001	4.665917	3.174012
3.368248	2.750124	2.938244	4.070971	3.14692	3.550032	3.444277	3.033182	3.436483	3.325642
3.904506	3.74864	3.746969	4.416072	4.072988	3.572939	3.799988	4.142728	3.646177	4.032177
2.920129	3.105745	3.633115	3.251995	2.869536	2.982933	2.388217	3.367345	2.94952	3.120211
2.700417	2.607424	2.951931	3.000343	2.462228	3.046691	2.740877	3.393406	3.914509	2.86261
7.422029	7.621542	7.658002	7.597528	8.185178	7.594255	7.710077	7.640136	7.125028	7.8199
0.792158	0.707545	1.009097	0.653846	1.290127	0.672006	0.689903	0.653846	1.719599	0.855908
5.57072	5.411846	5.581774	5.825929	5.241796	5.824911	5.469074	5.743053	5.102486	5.649859
0.16964	0.338743	0.014082	0.406368	0.111977	0.298472	0.076119	0.23564	0.759115	0.135348
3.667357	3.390103	3.525396	3.639184	3.577131	3.584218	3.708474	3.618922	4.262519	3.849113
3.631654	3.742091	4.428391	1.916504	1.058135	3.029573	1.343677	2.881179	1.428589	3.448373
1.814067	2.199548	3.035328	2.510064	2.496731	2.085513	2.199548	2.455792	3.155869	1.687302
3.808247	3.708111	4.275687	3.663411	3.53363	3.538371	3.368568	3.803501	3.471946	3.251181
6.166458	6.594782	7.325398	3.903963	5.277527	5.508624	5.464304	5.592679	5.874975	6.619009
0.051625	0.591509	2.208905	0.170301	0.681548	0.347857	0.423482	1.605238	2.648234	0.563308
1.893158	2.909657	3.560446	1.268681	3.38753	1.859879	3.681806	2.010429	3.18688	2.636008

0.348621	0.391334	0.16561	0.16561	0.362983	0.14939	0.4192	0.905338	0.697884	0.197575
3.323399	5.075023	5.179303	4.493387	4.736811	2.938472	5.09338	5.083298	5.513102	3.935957
0.157665	-0.0642	-0.01604	0.753552	0.293259	0.37506	0.625953	1.06521	2.113363	0.753552
2.815193	2.971916	2.493095	3.651003	3.912675	2.703644	3.145878	3.567577	3.688285	3.478192
2.421855	3.624583	2.920338	2.054955	2.667121	2.586435	3.703128	3.014294	2.665943	3.414319
6.772501	6.315973	6.059594	6.857623	6.386344	6.428746	6.599712	6.782112	6.123701	6.460611
0.492286	2.094386	2.821921	0.42623	3.014487	1.033448	2.828318	1.166211	3.248041	2.321361
7.710127	7.945361	8.116632	6.50089	6.915955	5.970319	7.226039	7.66909	4.882668	7.986708
1.507953	2.577805	4.996629	2.187179	3.764049	2.747073	2.810921	2.46041	5.470372	1.965896
1.390998	1.173854	1.668369	2.042507	1.297041	1.7453	1.637042	1.688757	2.523124	1.477385
3.663934	3.646645	4.459041	3.646645	3.717741	3.688172	3.494787	3.196646	5.267852	4.288371
0.072671	0.149655	0.462183	0.103917	0.964659	0.134556	0.373444	0.103917	1.166362	0.293196
8.293811	8.450625	7.977407	7.919148	8.456219	8.212497	8.417501	8.36374	8.292977	8.567512
4.976982	5.152694	4.972105	5.173394	5.188731	5.017225	5.016272	4.97579	4.650818	5.412041
2.893647	3.35012	3.05268	3.333122	3.019959	3.366885	3.295884	3.04187	2.77613	3.221848
0.863276	1.002944	1.842014	0.386162	1.103908	0.645499	0.893893	0.386162	1.009912	0.791764
5.48382	5.562955	5.942353	5.559806	5.080722	6.173027	5.845385	4.818985	4.968631	5.770111
0.764797	3.405202	3.121738	1.925651	2.503961	3.688298	2.749374	2.285308	4.370636	1.289466
2.986804	2.52004	2.318965	3.250928	2.31316	2.811764	3.348976	2.291592	3.721636	2.240836
3.424454	3.206322	3.354418	3.680446	3.758412	3.505677	3.505677	3.13469	3.849264	3.441003
0.12726	0.212247	0.035854	0.12726	0.291656	0.093787	0.023927	0.301226	0.170499	0.023927
0.029523	0.040664	0.146367	0.029523	0.156408	0.040664	0.062618	0.040664	0.146367	0.040664
2.562987	3.337702	3.069427	2.309765	3.05061	2.132743	2.497859	3.322694	4.92982	4.592632
2.050126	4.459855	3.749066	4.442974	2.446433	2.599717	2.470796	4.755799	2.686268	4.622532
2.276233	3.996782	3.032497	2.523465	2.742147	2.816981	3.649625	2.867596	3.959417	4.6607
3.655161	3.301558	3.232999	3.961673	3.265949	3.826669	3.208273	3.409556	3.319528	3.607006
3.862935	4.219031	4.305816	5.007232	4.145195	4.885864	4.337709	4.093237	4.502018	4.481352
6.843026	6.948832	6.621883	6.790732	6.55603	6.876713	6.774507	7.117442	6.593911	7.35622
0.120584	0.34579	0.01857	0.057751	0.083243	0.01857	0.057751	0.108254	0.120584	0.057751
0.62844	0.482474	0.912754	0.353897	1.241488	0.326522	0.685158	0.482474	1.388277	0.906959
3.223374	2.406806	2.535143	3.254615	2.434756	2.726658	2.887079	2.548304	3.977347	3.230149
6.444719	6.478575	6.515687	7.026383	7.871431	6.795323	7.607843	6.37367	6.972171	6.470349
0.028997	0.214212	0.009424	1.446126	0.291629	0.20613	-0.00051	0.019258	0.197981	0.019258
0.480124	0.95166	1.399542	0.305159	1.261196	0.317521	0.635821	0.776075	3.477215	0.927872
5.146686	4.759707	4.783034	5.202198	4.580753	5.259687	5.269887	4.853394	4.975447	5.058934
5.567118	5.912053	5.925913	5.523178	6.113818	5.585565	5.945085	5.871805	5.162654	5.630594
5.049624	4.585409	5.610414	5.83166	5.333922	5.167833	5.168447	5.335849	5.046191	5.387082
4.687061	5.120968	5.030203	4.448798	4.717214	4.339994	5.165431	5.007827	4.708533	4.616238
4.893564	4.889373	5.172952	5.592574	4.519581	5.29223	4.945123	5.12522	4.999347	4.844615
2.107285	2.487712	2.411444	1.559643	1.703336	1.783829	2.061595	1.746142	1.926005	1.028805
3.949439	5.454532	7.034167	3.002018	5.470933	2.870653	4.013156	4.556641	7.285083	4.38323
0.004922	0.004922	0.004922	0.004922	0.087439	0.004922	0.015591	0.004922	0.004922	0.004922
5.308562	6.280727	7.997776	4.199465	7.025904	5.400713	5.774764	5.356137	8.14416	5.076407
4.561751	4.232974	4.296654	4.622725	4.476765	4.536892	4.340227	4.518769	4.797262	4.330745
5.175787	5.261394	6.059761	4.746112	5.459554	5.147596	5.366376	5.290166	6.13419	5.077533
1.927602	1.850377	2.364653	2.787825	1.944935	2.443231	2.407421	2.632505	3.474465	2.755023
4.559712	4.430955	3.911231	4.237756	4.507348	5.121662	4.290953	4.124686	5.486036	4.944782

3.81214	3.219157	3.150282	3.441113	2.760025	3.911148	2.877376	2.56001	3.095757	3.31107
0.001022	0.03684	0.013079	0.001022	0.60785	0.001022	0.211814	0.03684	0.170382	0.001022
5.691926	5.340752	5.333557	6.398608	5.75584	5.843511	5.381913	5.486083	4.963688	5.889065
0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.232732	0.293357	0.232732
0.168875	0.314073	0.021264	0.130121	0.206596	0.063073	0.156075	0.076739	0.194134	0.243337
6.186283	6.411587	6.681068	5.684655	6.538687	5.525933	6.049683	6.162775	5.776824	6.0831
3.795725	3.9459	3.754282	4.506898	3.425973	3.533963	4.523415	4.705169	4.114063	4.644108
3.275608	2.257082	2.085641	2.068915	2.580033	2.347275	1.732502	2.831333	2.909887	3.156109
1.615845	1.76085	1.502288	1.011373	0.995619	1.539494	1.539494	0.963534	2.510194	1.138168
6.067196	6.450424	6.328356	5.360601	6.640112	6.053441	7.034144	6.013649	8.225638	6.206344
0.036611	0.157854	0.000439	0.054432	0.036611	0.036611	0.036611	0.000439	0.036611	0.000439
1.724066	2.031088	2.861004	0.97361	2.105983	2.040484	2.395724	1.143367	3.428573	1.444881
3.310663	2.773449	4.211499	2.94939	2.857225	2.940362	3.033721	3.155112	3.365865	3.115906
5.294618	6.05172	6.224287	5.491964	6.10563	5.681359	6.151027	5.635348	6.54785	5.687399
0.187865	0.279925	0.163813	0.049815	0.485427	0.187865	0.323659	0.396878	0.819986	0.175894
0.482615	0.206286	0.281169	0.400136	0.508966	0.270736	0.823361	0.16144	0.228133	0.114963
5.799602	4.862142	4.47196	5.102234	5.288364	5.161489	5.713702	5.090204	5.159471	5.651056
5.831756	5.998705	5.510202	5.734196	6.654052	5.514988	5.915884	6.332225	5.921181	6.164819
0.022728	0.010393	0.010393	0.022728	0.022728	0.022728	0.022728	0.022728	0.059014	0.022728
10.0264	9.662219	10.3676	9.846762	9.660681	10.7518	9.084679	9.319576	8.788397	9.499841
5.616746	5.088457	5.905826	5.306325	5.009123	4.966702	5.117717	5.375354	4.645605	5.091553
0.739205	1.347011	5.660007	0.201833	2.333863	0.356894	0.806116	3.414454	5.299934	3.518928
6.631609	7.077307	7.087023	4.933344	7.024337	6.128041	6.539252	6.654043	6.418136	6.571826
4.215171	4.259156	3.451735	4.626328	4.335793	3.947791	4.358126	4.61831	3.367863	4.161972
2.94639	2.840508	3.288614	2.808038	3.356097	2.202093	3.027588	2.845069	3.603538	2.665708
1.008019	1.055461	1.873129	0.847035	0.863643	0.835827	0.863643	0.748072	2.033989	0.968595
-0.0264	0.006351	0.006351	-0.0264	-0.0264	-0.0264	0.506234	0.006351	0.054288	0.006351
1.266004	1.137358	0.306174	0.637604	0.695858	0.751912	0.390382	1.408156	0.949097	0.513759
5.184107	5.052062	5.423397	5.179916	5.480098	5.455337	5.164237	4.415458	5.702811	4.895057
4.44798	3.938178	2.971899	4.586545	3.331408	4.896318	3.872782	4.087203	5.432368	3.293782
0.524408	1.133015	2.308325	0.831335	1.763896	0.358693	1.145814	0.575979	2.874178	0.745324
5.562546	5.523828	3.527914	5.118908	5.07857	4.84661	4.805612	5.67745	4.222218	4.842321
0.479079	2.126201	3.887351	0.628876	1.273212	0.414442	0.790002	1.77549	4.935163	1.749872
6.584578	6.445462	5.736545	5.077555	5.773738	5.64877	5.495205	5.398848	5.263813	6.009424
0.28147	0.202868	0.109335	0.626	1.046276	0.260645	0.46866	0.873511	0.274577	0.507674
3.229204	2.867754	3.068222	3.05261	3.15052	3.02535	3.240645	3.239561	3.120995	3.161734
1.374761	0.938428	0.511324	1.963691	2.274714	1.311464	2.350853	0.746928	1.467457	0.609699
0.381409	0.195596	0.381409	1.600718	0.854044	0.683891	0.267457	0.30666	0.895999	0.42586
5.925814	5.272915	5.091342	5.738533	4.350173	5.754306	4.623825	5.664961	4.275724	5.623668
6.07049	6.058286	5.729244	5.772104	5.829163	5.958925	6.71962	5.894398	7.093909	5.982671
0.31864	0.569891	0.898481	0.394071	0.640935	0.214673	0.940236	0.340647	1.118966	0.48498
5.092194	6.182533	6.085398	4.727996	5.688004	4.767189	3.570932	5.294992	7.302671	4.58248
6.365483	6.817442	6.915122	5.718656	6.396407	6.889473	6.890964	6.904524	6.226626	8.052187
1.306829	0.7717	0.106147	0.865091	0.387155	1.306829	0.423999	0.757785	0.206827	0.812562
3.01085	3.080024	3.56369	2.650713	3.352894	3.101656	3.705258	3.25582	3.537144	3.541613
1.244422	2.256453	2.521772	1.402752	2.113385	0.901446	2.904074	1.976707	2.876568	1.632671
2.537304	2.139093	2.811973	1.688687	2.852188	2.606641	3.132866	2.120415	3.442197	2.584505

4.632632	4.530251	4.548856	2.780629	3.99803	2.52825	3.977991	4.257358	3.757627	4.455992
0.798063	1.568055	2.258588	0.116917	1.128025	0.168412	1.020399	1.091038	1.44509	2.537613
2.323832	3.368455	2.541336	2.099175	2.323832	2.277987	2.327581	3.043037	2.665715	3.557635
4.012635	3.752419	4.476782	4.230093	4.267314	4.124873	4.34509	3.666313	4.195176	4.009202
9.032166	9.784531	9.366607	8.683015	9.462173	8.880172	9.727917	9.050411	9.555941	8.98409
4.466887	4.206839	4.417394	4.318345	4.133392	4.471462	3.958914	4.527497	4.269752	4.924257
1.720168	3.475004	5.283902	1.573015	4.48525	1.920766	5.511508	3.223736	5.776978	3.299114
7.579097	7.926268	7.585975	7.239762	7.243604	7.031813	8.114695	7.465194	7.821077	8.793778
3.190538	4.002915	3.957232	2.914968	3.351982	3.635286	3.349709	4.905116	3.069869	4.670731
3.648729	3.374842	3.191811	4.14784	4.086792	3.890583	3.434762	3.534992	3.54205	3.779842
0.389948	1.335293	1.091298	2.012086	1.890907	0.178531	0.927543	1.205658	0.561937	0.919309
3.724896	3.287088	3.165785	3.602996	3.182595	2.888237	3.361283	3.285827	3.207323	3.586014
4.243834	3.986342	4.27068	3.490179	4.035123	3.701331	3.897995	4.68886	4.079772	4.214186
3.52656	3.525786	3.43669	3.423899	3.479802	3.656995	3.661738	3.627353	3.88543	3.600402
1.949406	2.081707	1.082893	1.3921	3.031182	1.793711	3.34849	2.370364	3.355203	2.170748
3.637545	3.405446	3.885994	4.158736	3.905125	3.848675	4.806247	3.304773	4.820921	3.618125
2.657326	1.661934	1.814108	2.209881	1.655243	1.934595	1.571548	2.056956	2.173111	1.745338
3.46456	3.316681	2.548407	3.582552	3.582552	3.096372	3.989665	3.623867	3.773298	3.743664
2.688059	2.809535	5.310503	3.887411	6.744492	4.686844	3.696059	3.85229	3.136982	2.372073
4.275615	4.290851	4.622515	4.506651	4.394544	4.552522	4.383576	4.539923	3.483098	4.499002
2.612646	2.073765	1.407404	2.661453	2.505068	2.955638	4.043646	1.211036	1.051139	1.307728
4.643439	4.733901	5.012704	4.900165	4.819776	4.872424	4.810101	4.961135	4.777128	5.03484
3.286299	4.226078	4.544682	3.441507	2.985726	3.471411	3.822478	2.042554	4.349086	2.970828
5.086969	5.186484	5.002177	4.903065	4.650049	5.168405	5.351553	4.850266	5.699601	4.984924
5.673016	5.369705	5.25122	5.383245	5.30138	4.93201	5.300432	5.460865	4.833858	5.301854
6.057458	5.925413	6.114472	5.722829	5.687339	5.467393	5.743622	5.756549	5.685901	6.1659
6.149656	6.214709	6.267807	4.741109	5.723641	5.241225	5.642229	5.937381	5.49127	5.428209
5.336656	5.296633	5.384743	5.400877	5.484386	5.410868	5.326066	5.678768	4.767145	5.093259
5.115273	6.565851	5.127154	3.503781	5.6138	2.24903	7.742258	5.584737	8.016528	5.808695
6.212215	4.426296	4.02383	7.155386	1.99676	1.965588	1.530624	6.018156	2.399114	5.267655
3.168172	3.320704	3.971261	3.006785	3.921561	3.20726	3.926247	3.231541	3.95166	3.252339
5.77193	5.68582	4.057785	5.524088	4.736423	5.698785	4.232326	6.036146	4.406707	5.07976
3.438047	3.239031	3.78892	3.344098	2.558537	3.109859	2.858643	3.259726	2.933188	3.115068
2.53223	2.919981	3.420455	2.692471	2.690391	2.346132	3.305339	2.643657	3.719168	2.581306
2.208179	2.854032	2.190949	1.422596	2.438788	2.223053	2.670233	2.254315	3.594549	2.337718
1.933711	2.278306	2.739023	1.20163	2.214616	1.796756	2.111541	1.836931	2.305465	1.972271
0.008081	0.062155	0.133759	-0.00305	0.255779	0.172726	0.228767	0.210394	0.509696	0.008081
6.125911	5.556278	5.552323	6.019039	5.531813	5.791932	5.496679	5.511395	5.551332	5.550836
4.669534	4.627155	5.100406	4.293943	4.406008	5.024797	4.867319	4.765261	4.704338	4.903045
6.538382	6.223001	5.930851	6.361681	5.882498	6.438674	6.252789	6.085593	6.155301	6.325334
-0.02254	0.221986	0.182516	0.430564	0.221986	0.221986	-0.02254	0.158057	0.025785	0.331755
0.379698	2.501851	2.35129	3.682242	1.517624	1.832646	0.976703	3.374568	0.670506	3.0428
3.632032	3.510365	3.176611	3.270352	3.669548	3.772204	3.794154	3.672	3.186939	3.203401
5.206789	5.939435	8.973599	3.206582	5.97413	5.613435	5.711426	4.507064	7.324395	4.863029
1.935912	1.698279	1.75294	1.419259	1.552753	1.078463	1.555907	1.98752	2.102592	1.549592
3.848188	3.597954	3.254148	3.892502	3.15371	3.901242	3.805418	3.523032	3.959866	3.914749
7.083622	6.852598	7.080686	7.560738	6.735731	7.50034	7.397098	6.951589	7.234019	7.482896

4.503313	3.572757	3.879445	4.25728	3.491799	3.878554	4.205763	3.728338	4.075832	3.712985
0.417102	0.238174	0.374168	0.315115	0.253854	0.513111	0.206357	0.173909	0.61636	0.793994
5.32913	5.187251	5.440574	5.183608	5.725949	4.901372	5.691665	5.202632	5.301205	4.913548
4.410713	4.353609	4.96169	4.249307	4.487251	3.692416	5.035266	4.086584	4.948845	4.688626
1.92085	2.247514	4.91424	1.476205	5.115717	1.640973	2.85453	1.93524	3.776854	2.860009
2.386383	1.835147	2.112323	2.342552	1.916653	1.70644	2.092402	1.881124	2.92329	1.995602
0.085011	0.112308	0.278196	0.057188	0.348783	0.943023	0.139101	0.139101	0.216623	0.601028
5.958546	5.820529	6.712373	5.932814	6.490848	6.058321	5.868419	5.445837	6.160977	5.707222
3.2927	4.235374	4.361955	1.798768	5.139593	1.796098	5.391217	3.654122	5.684435	2.517169
6.682431	6.703593	7.597194	6.330715	6.899428	6.161503	6.854849	6.282971	7.138956	6.755979
7.71934	6.414123	7.202599	6.255789	5.916266	6.61236	6.373516	6.363887	4.457881	6.534341
2.734223	3.170089	3.737073	2.642728	3.8642	2.859083	4.010381	2.749887	3.481608	2.961473
3.334712	3.269219	3.11629	3.483152	3.232647	3.163434	3.563322	3.226676	4.288452	3.493659
3.668241	3.626594	3.985255	3.925171	3.605264	3.336463	3.475374	3.708604	3.561531	3.28942
0.049712	1.017874	0.498704	0.08756	0.4052	0.049712	0.148255	0.375764	0.272447	0.69092
-0.10218	-0.00477	0.015797	-0.10218	2.28045	-0.05787	0.6619	-0.05787	0.423605	-0.05787
3.80522	3.110169	1.294948	3.880947	3.36382	4.172551	4.921732	2.066181	2.350427	0.929804
0.060775	0.641925	3.605182	0.24159	2.583679	0.458074	0.711489	0.858351	2.040463	0.233927
7.024932	6.672291	6.988153	6.050939	6.024283	6.359471	6.109827	6.737185	6.121227	6.764164
3.286765	3.144997	3.174264	3.00699	3.320133	3.127544	3.408601	3.204306	2.984219	3.068977
4.420977	4.920928	4.539011	4.393286	4.639367	4.227712	5.237957	5.028138	4.834065	5.153006
4.139049	4.12506	4.71372	4.270667	4.520566	4.22422	4.244669	4.037921	4.155944	3.98887
3.077519	2.872048	3.763541	3.438805	2.947609	2.623802	2.615433	3.407851	3.325278	3.106469
4.980821	2.755226	4.451342	3.483407	2.876051	4.712515	3.20818	3.047204	4.112148	3.485688
4.334968	5.909196	5.76335	3.058227	4.945721	3.314417	4.639148	4.708588	3.904614	6.40552
5.064584	5.418663	4.123851	6.168763	4.556203	4.547932	4.655052	5.270984	3.766014	6.278936
2.840068	2.810687	2.498283	3.328137	2.831987	2.530911	3.038163	3.23947	2.691887	2.790648

CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P5	CGGA_P6	CGGA_P6	CGGA_P6
1.28904	0.921059	1.133205	0.997882	0.9066	0.471561	0.178848	0.768814	1.452717	2.175834	
1.745143	1.749692	1.453245	2.48682	0.8612	0.593696	1.820572	0.633683	1.07223	2.660893	
5.876417	6.064943	6.136639	6.195923	6.000275	5.725941	5.785876	5.615084	6.173928	5.886316	
5.908379	4.515055	4.771023	4.319948	4.987464	4.270686	3.457962	1.899267	5.42832	5.879768	
1.354414	0.850381	1.806275	0.979102	1.723522	1.209571	1.371418	2.636909	1.554688	1.63961	
6.857477	7.062894	6.770984	7.208198	7.517443	8.042753	7.253325	7.810495	6.902432	7.454753	
6.395064	6.202451	5.765222	6.981371	6.309797	6.144784	6.269347	5.403005	6.204112	6.95228	
0.281107	0.747014	1.346628	0.206748	0.751181	0.126684	0.080278	-0.08197	1.965208	0.072339	
0.009871	0.009871	0.009871	0.219163	0.009871	0.009871	0.009871	0.009871	0.059466	0.009871	
5.994087	5.623485	5.724652	5.620056	6.237306	6.100981	5.236323	6.013458	5.637196	5.813354	
4.59334	4.54445	4.802099	4.830557	5.165626	4.591158	5.183596	5.297593	4.728554	4.639016	
3.713888	3.078409	3.621683	3.630219	4.303554	3.040446	2.899934	2.684837	3.795751	3.602478	
2.823779	2.510823	1.917189	3.34903	2.757237	1.685975	3.056266	2.384973	2.752153	2.979307	
4.194364	3.403226	3.371406	6.391584	4.041386	3.990343	3.692455	3.29834	4.005028	4.737838	
6.552031	5.5334	5.849055	5.794257	5.647104	5.776194	6.505236	5.991617	5.173742	6.31941	
3.833087	4.117613	4.204517	4.117613	4.672314	4.107094	4.645519	4.781274	3.89694	3.856105	
1.511096	1.102579	1.177391	2.502156	1.292295	1.04449	2.887437	1.27909	0.85688	2.516005	
8.146846	8.577932	8.502513	8.350849	7.836367	8.242044	8.209553	7.533482	7.888096	8.695638	
6.178901	5.212369	6.176949	5.653617	6.771751	6.173938	5.505925	6.747252	5.643638	6.395784	
4.838205	4.257489	4.742278	4.810789	4.642348	4.66116	4.85362	5.19317	4.444662	4.268143	
3.638649	3.046442	3.796122	3.652006	3.701646	3.77609	3.695307	3.70585	3.372988	4.174814	
3.483977	3.645707	3.469612	3.207145	3.53371	2.432659	2.748097	3.30232	3.391989	3.817935	
3.223124	3.145084	2.971527	3.120216	3.703682	3.102444	3.33009	3.213974	3.085662	3.534181	
0.63439	0.039491	0.824615	2.21052	0.893283	2.45498	1.478951	2.676468	0.058547	1.135455	
3.995453	3.88191	4.038284	3.925366	4.446454	3.674798	3.73776	3.908322	3.839204	3.711917	
4.376232	3.341461	3.187356	4.886229	5.15062	4.224143	4.423665	4.628684	3.543035	5.566327	
0.245079	0.547107	0.385874	0.698133	0.432693	0.17976	0.15724	0.087253	0.17976	0.675418	
4.401712	4.340018	4.519017	4.324017	4.625312	4.234838	5.590517	4.745064	4.332047	4.435707	
2.021064	2.533999	3.219249	1.98049	2.729617	2.25296	2.228883	2.89108	3.567176	1.938375	
4.379567	4.053947	4.252892	4.036825	4.809242	4.005414	4.102795	4.405536	4.196984	4.584401	
3.147992	2.327869	2.966445	4.257802	2.04097	2.370488	3.683195	2.670737	1.5036	3.156575	
5.539719	5.599261	5.597777	5.577462	5.708169	5.275667	4.561214	5.564432	5.72949	5.706836	
5.153056	5.37715	5.814234	5.327921	5.578045	4.880849	5.486146	6.336699	5.859011	5.415574	
3.087449	2.949193	2.977418	3.154178	3.986623	2.711748	3.101719	3.967285	3.306023	3.512036	
2.127284	2.573737	3.580839	3.431147	2.833469	2.754025	3.899153	2.369797	3.695697	3.219355	
2.720653	2.169493	2.77348	3.037421	2.710131	2.654126	2.973953	2.811115	2.241601	3.41915	
5.346823	5.600668	5.711658	5.315542	5.605346	5.372399	5.40262	5.237127	5.750853	5.064769	
3.945223	3.971085	4.068081	5.03781	3.951748	3.591503	4.573328	4.095365	4.360179	4.03106	
5.479189	4.418901	4.361619	4.981202	5.125483	4.287913	4.455745	4.252899	4.309354	5.304693	
0.16423	0.063859	0.122019	0.726633	0.205304	0.371532	0.819742	0.657904	0.078608	0.309722	
0.077902	0.28674	0.487822	0.969898	0.576953	0.440633	0.088719	1.168784	0.432584	2.223198	
1.885962	2.550102	2.81518	2.83175	2.351765	2.625014	2.532833	2.563749	3.066384	2.965669	
3.322704	2.86569	2.697087	4.042801	2.646322	1.103354	3.149626	1.736092	1.651018	4.086879	
1.04603	1.609256	1.39777	1.203672	1.318664	0.751634	1.005476	0.87997	1.471656	2.17786	
1.169583	0.800138	1.726778	1.503241	0.855992	0.728183	1.984377	2.244009	2.391172	1.237878	

10.98795	10.87594	10.31425	11.91839	10.50937	10.05238	10.87875	10.4055	9.938989	11.75064
6.466655	6.513818	7.03291	5.422497	7.259368	5.70689	3.938475	5.149146	7.857916	5.44313
4.324132	4.136016	4.320687	4.106017	4.644337	4.637353	3.390526	4.171173	4.109871	4.392548
0.480333	0.530637	1.225935	0.572065	1.441889	1.263637	1.206608	1.953227	0.537647	1.056911
1.277136	0.704689	1.227441	1.941014	0.683989	0.652385	2.323831	0.735207	1.532953	1.198276
0.107423	0.291301	0.038574	0.32308	0.932114	0.097848	0.16318	-0.0458	0.154082	0.4626
2.331575	2.482806	2.973391	2.428839	2.961496	2.814149	2.981639	3.047617	2.311888	2.83457
5.079437	4.753009	4.821075	4.677727	4.919867	4.967813	5.025813	4.269341	4.958283	4.795395
5.008064	4.894569	4.849385	5.038653	4.694294	4.678814	4.90717	4.889094	4.578266	4.641277
0.364825	0.102778	0.102778	1.186894	0.239506	0.186298	0.513528	0.986201	0.029448	0.844542
1.519206	0.073838	0.979881	3.144875	2.285903	2.142696	3.294302	1.742713	0.175328	1.011377
7.902772	8.50565	8.70018	8.289876	6.21088	8.44455	7.77489	7.862162	7.092244	8.707286
9.378614	9.289663	9.721082	9.166214	9.503593	8.987833	9.233785	9.013912	9.301306	9.188681
3.705476	3.767623	3.926305	3.516605	4.664533	3.427679	3.723188	4.140645	4.077062	4.010189
2.144955	1.302445	1.492902	3.092141	2.290836	1.605131	2.267703	2.335827	1.771891	3.695193
5.165194	5.760253	5.436828	5.48053	5.374837	5.212838	5.499475	5.656398	5.802239	4.777359
1.679198	2.693727	2.731714	4.751835	2.429196	1.698685	2.549598	2.898824	1.517099	4.745516
3.270649	3.257207	3.642865	3.804856	4.144485	3.339909	3.307617	4.002703	4.04949	3.445595
1.321771	0.952679	1.082029	1.835525	0.600851	0.222754	0.055372	-0.15242	1.523108	1.398151
7.265045	8.210941	8.73275	7.155761	7.191248	8.38071	9.380099	5.483283	8.399643	8.656237
2.972842	2.784735	3.201353	3.838398	3.644033	3.116702	3.962349	3.412926	3.357483	3.833881
4.430861	4.353566	4.76111	4.569313	4.562694	4.991321	5.16095	5.51432	4.269205	4.846427
0.440912	0.355653	0.474504	0.115848	0.37762	0.37762	0.221742	0.633818	0.17012	0.286874
5.85812	5.771154	6.009141	5.786775	6.206211	5.961024	5.48979	5.793039	5.718606	6.114555
3.853534	3.710808	4.314438	3.943938	4.588521	4.044497	3.471646	3.371316	4.386795	3.662463
3.023872	2.656492	2.392137	4.153837	2.915768	2.159662	3.892774	2.395466	2.252791	4.616211
2.421045	2.591417	2.81035	2.792846	2.477759	2.773979	2.648021	2.454872	2.389148	2.830566
4.439007	4.753474	5.591966	4.258375	5.034252	4.370076	3.862447	4.196546	5.674249	3.92379
4.193009	5.485233	5.643713	5.187481	4.611636	4.300307	5.423367	4.779309	5.812778	4.860082
5.773777	5.150447	5.605919	6.149587	2.48405	5.554722	3.943841	2.733629	2.950094	2.756764
2.581675	2.894238	1.830359	2.740685	1.334411	2.313859	2.77855	1.523003	1.991955	2.592831
3.913999	2.646493	2.710544	4.631232	3.170301	3.270146	4.571714	3.609877	2.811984	4.686903
3.047149	2.539185	3.14692	2.889536	3.198372	2.873279	3.016431	3.4989	2.734934	3.083101
3.421942	3.598236	3.956598	3.528714	3.870792	3.261914	3.926639	4.204924	4.288135	3.168297
1.914809	2.297659	2.523529	3.297017	3.279463	2.45933	3.374941	2.013309	2.990158	3.030162
2.82849	3.074687	2.707081	2.658394	3.198451	2.927796	3.208272	2.553947	2.754742	3.149443
7.798866	8.252678	7.89939	7.800207	7.933787	8.361044	8.132904	7.618533	8.020933	7.492081
1.187636	0.86365	1.114256	0.800309	1.10159	0.909111	0.307709	1.05621	1.384759	1.175705
5.303023	5.554031	5.313092	5.32987	5.813339	5.982332	5.772836	5.642635	5.399921	5.2831
0.368154	0.808507	0.902027	0.192012	0.076119	0.203056	0.111977	0.051656	0.368154	0.23564
3.853053	3.618302	3.397085	3.7701	3.703924	3.574542	3.803694	3.80987	3.527436	3.682609
3.937922	3.924787	1.352453	5.204874	1.319199	4.169738	1.796012	5.772838	2.800809	4.993129
1.956121	1.49211	1.867739	2.797479	1.871012	1.574975	2.221564	2.756775	2.240793	3.034118
2.957639	2.835283	2.878298	3.467902	3.251181	3.007073	3.575082	3.640957	2.924747	3.001519
3.882514	2.631011	3.302957	7.189139	5.593227	3.744272	5.066415	3.792236	4.663487	5.038532
0.232065	0.232065	0.244093	1.398885	0.485153	0.433954	1.060174	0.978342	0.118815	1.760985
3.395349	4.118009	3.092439	4.277535	2.825598	2.67843	3.936345	2.768444	2.689878	4.120838

1.089346	0.14939	0.197575	2.014624	1.327496	0.14939	0.181671	0.14939	0.348621	0.197575
4.775121	4.556198	3.686612	6.523844	4.004323	4.192065	4.766974	4.235151	3.143723	6.99372
0.314296	0.90456	0.838127	0.328096	0.493133	0.739574	0.227582	0.641467	0.711063	1.270223
2.912844	3.203872	3.718226	2.98384	3.227972	3.101923	3.206792	4.071585	4.177726	3.219355
3.218836	3.646758	3.056693	3.671219	3.456496	3.365533	3.132931	3.34214	3.516771	3.313753
6.415359	6.417281	7.144319	6.696184	6.63772	6.560376	5.468295	6.506484	6.671256	7.591787
2.760447	2.772783	2.526279	4.310073	2.242922	1.586	4.12838	2.363448	2.166336	3.60953
7.602454	7.828809	7.473636	6.449968	6.422815	5.288395	5.581929	6.730406	7.83799	7.619183
2.661566	2.213632	2.509088	3.61174	3.4965	2.555976	3.824666	2.752232	2.309428	3.76947
1.837054	2.011194	2.441205	1.571504	1.821553	1.959503	2.385976	2.340201	1.698807	1.91954
3.954282	3.566652	4.141087	3.899227	4.535134	4.043834	3.667603	4.079739	3.084554	4.412107
0.919184	0.072671	0.072671	1.220643	0.373444	0.223058	0.546195	0.088372	0.119311	0.072671
8.540697	8.767217	8.824002	8.353807	8.174509	8.007183	7.97751	7.89346	8.706328	8.662854
4.994296	5.099042	5.271722	5.124413	5.454306	5.287595	5.181775	5.280814	5.299597	5.38948
2.754744	3.362118	3.72784	3.77219	3.711796	3.844321	3.026259	3.750651	3.046514	4.359706
0.901441	0.807983	1.050992	1.524731	0.839854	1.002944	1.064415	1.071078	1.097404	2.13008
5.355504	5.042925	5.532974	5.524836	5.817632	5.43883	5.413763	5.662316	5.259763	5.296338
1.882889	1.062521	2.015473	4.184706	1.359875	2.696158	4.499864	2.320944	1.95071	4.057709
2.426983	2.158588	2.695099	2.728123	3.169295	2.147263	3.556071	3.019703	3.169295	3.21336
3.3193	2.93086	3.280585	3.266145	3.408701	3.056347	3.280585	3.519101	3.050416	3.658141
0.093787	0.08242	0.410524	0.023927	0.242639	0.12726	0.023927	0.047664	0.38411	0.047664
0.126009	0.040664	0.029523	0.205307	0.029523	0.029523	0.146367	0.051695	0.029523	0.233653
4.444706	3.987493	4.088888	3.511662	3.339358	3.484127	2.711789	2.57873	4.315973	5.521928
3.381446	4.12804	2.237665	4.046002	2.889734	3.085546	1.396973	1.024556	3.124152	5.911358
3.678859	4.168448	3.770484	4.700609	3.035083	4.150412	3.144218	2.696508	3.312118	5.729793
3.530517	3.124853	3.236853	3.247062	3.845132	3.293069	2.480257	3.520689	3.012642	3.331345
4.402066	4.300945	4.557815	4.845848	4.976841	4.482713	4.308513	4.379728	3.986487	5.146354
7.338281	7.557341	7.342538	7.040898	7.163731	6.93456	7.142049	6.758302	7.254624	7.259342
0.01857	0.01857	0.282152	0.120584	0.01857	0.083243	0.226683	0.168791	0.083243	0.095807
1.028652	0.712583	1.205381	1.4425	1.049563	0.466072	1.720193	0.739422	0.810399	1.331606
2.942085	2.37979	2.917999	3.256811	3.250946	2.582599	2.934119	2.779084	2.536614	3.282088
7.389605	7.532641	8.187251	7.116847	7.104028	7.159054	5.965267	7.687919	7.409099	6.92794
0.681347	0.173129	0.067027	0.067027	0.028997	0.390821	0.038641	-0.00051	0.15621	0.009424
0.341925	0.292689	0.424172	1.960007	0.828504	0.554918	0.412711	0.895518	0.903676	1.235692
4.911934	4.681748	4.811852	5.30455	5.23109	4.317496	5.152406	4.723232	4.560922	5.048237
5.67206	5.935809	6.294255	6.01794	5.808593	5.414066	5.56648	5.434832	6.519891	5.51877
4.567646	5.095684	5.194707	4.599063	5.272064	4.458777	5.239073	6.103125	5.595004	4.850877
4.539754	4.744881	4.661532	5.121449	4.315395	3.828963	5.169804	3.727921	5.109385	4.230638
4.793543	4.407405	4.762786	5.507545	4.933983	4.447408	4.688556	5.290203	4.604975	5.540978
0.875316	1.55314	1.172785	2.916719	1.409379	2.471739	2.520793	3.080449	1.374154	1.032295
4.409206	3.890981	3.149377	6.806649	4.72297	3.762307	5.543638	4.116402	3.407742	6.251804
0.004922	0.036615	0.087439	0.004922	0.004922	0.004922	0.004922	0.004922	0.067398	0.004922
5.770763	5.384303	5.638726	6.69958	5.617699	5.746479	7.791396	6.681719	5.913045	6.34985
4.342226	4.293058	4.419245	4.580429	4.615445	4.032658	4.434144	4.211647	4.342797	4.242513
5.037571	4.745292	4.784353	5.759943	5.076935	4.731251	6.044079	5.448663	4.790659	5.731835
2.266984	2.041093	2.050797	2.069926	3.271332	2.099789	2.638949	2.825813	2.167322	2.618399
5.048256	4.777124	4.362275	4.849369	5.193237	4.300826	3.895158	4.308754	4.740575	4.689672

3.26537	1.022153	2.334672	2.571764	4.362805	2.482957	3.509494	2.793259	2.989104	2.286863
0.013079	0.585615	1.539688	0.03684	0.10545	0.03684	0.001022	0.001022	0.934222	0.013079
4.58537	4.612958	3.40952	5.036355	5.774155	5.271933	6.040944	5.795199	5.177065	5.229769
0.232732	0.232732	0.232732	0.232732	0.232732	0.352806	0.232732	0.232732	0.232732	0.263195
0.314073	0.130121	0.143157	0.53703	0.712332	0.090275	0.021264	0.035338	0.302527	0.206596
6.207741	6.283757	6.517885	6.545725	5.995238	5.287181	6.931657	4.84189	6.985829	7.188622
4.921554	4.677566	4.411347	4.279079	4.046489	3.638461	3.751696	4.334646	3.700528	4.694895
2.351039	2.907585	2.745626	2.699534	3.125118	1.922708	3.50795	2.001992	3.120348	3.058469
1.570569	0.817705	0.8535	2.685842	1.560292	1.825662	1.817203	1.66439	1.266767	2.934773
6.68653	6.833426	6.62731	7.446677	6.807025	6.83062	7.388148	6.860313	6.40664	6.955002
0.000439	0.000439	0.255733	0.207449	0.141019	0.207449	0.000439	0.174536	0.174536	0.054432
1.719141	1.535026	1.187082	3.426302	2.350744	2.214025	3.114063	2.366403	0.82375	3.071683
2.874203	3.560796	2.88855	3.013414	2.857225	2.60356	3.409591	2.179083	2.543437	3.486186
6.093346	6.079831	5.92538	6.668732	5.57016	5.904216	6.236884	5.608904	5.704286	7.135592
0.279925	0.427058	0.301973	0.774886	0.774886	0.139316	3.51025	0.456565	0.386663	0.559451
0.066732	0.16144	1.300085	0.091075	0.270736	0.238917	0.149979	0.958689	0.351905	0.311965
5.018848	4.935737	5.138839	4.845469	5.514067	5.035645	5.897817	5.918091	4.980905	5.338361
6.020141	6.536634	6.761205	5.84979	6.204578	5.846018	5.673193	5.720481	6.904536	5.801806
0.022728	0.010393	0.022728	0.161903	0.246701	0.010393	0.010393	0.034942	0.022728	0.047036
9.687796	9.506217	9.55931	9.524713	10.23795	10.02688	9.25494	9.8764	9.042283	9.411343
4.787448	4.65403	4.562533	4.902304	5.102534	4.831977	5.303265	5.508799	4.720351	4.955194
1.112601	1.537891	1.714184	4.70202	1.714184	0.423008	2.14189	2.766754	1.594558	4.662493
5.869704	5.942127	6.278158	8.03638	6.434275	6.301111	7.991294	6.002828	6.398214	6.605002
3.439116	3.817178	4.153225	3.623417	4.100145	4.117977	3.389936	4.585926	4.224721	2.926874
3.189377	3.586025	3.373966	2.806467	2.688719	3.099548	3.513009	3.585258	3.110299	3.618541
0.841445	1.149106	1.017667	1.685869	1.118736	1.174512	2.074717	0.858134	0.818807	1.699178
-0.00994	0.175715	1.790383	0.069963	0.022485	0.054288	0.022485	-0.0264	0.022485	0.247315
0.637604	1.011975	0.751912	0.458946	1.130269	0.832217	5.479441	0.980869	1.233216	0.107843
6.005708	5.463076	5.746459	5.664888	5.637762	5.46436	5.767023	5.486848	4.843953	6.007999
2.624734	2.680843	2.708402	4.309016	4.838612	3.857655	4.270248	6.090246	3.452997	4.196494
1.395326	1.762169	1.259952	1.210476	1.045619	0.476249	1.613476	0.233519	0.559079	2.70683
5.746804	4.410424	4.766242	5.004054	5.492911	5.042944	4.929703	3.894552	4.890757	4.840888
0.403378	0.65703	0.12177	4.454212	0.489571	0.550952	0.693723	0.919342	0.148596	2.079142
6.328603	4.877249	4.858988	5.786467	6.121905	6.021516	6.561755	6.060041	5.959045	4.585225
0.474329	1.321281	0.404063	0.823171	0.649952	0.308572	0.267636	0.295114	1.000864	0.28147
3.026024	3.124049	3.284085	3.110541	3.418078	2.716659	3.039407	3.083591	3.356496	3.225362
0.910438	0.899058	2.043761	1.478117	1.359245	1.378609	1.643171	3.076569	0.733886	1.386268
0.141488	0.20613	0.195596	1.013694	0.372317	0.195596	0.381409	0.353923	0.434556	1.250214
4.957193	5.550579	5.005958	4.345054	5.609497	5.363484	4.890558	5.312527	5.562269	4.941409
6.751241	6.100291	6.289324	6.880606	5.941064	5.352769	6.47588	5.313119	5.766217	6.57318
0.93337	0.623538	0.523411	1.312292	0.569891	0.362283	0.987298	0.569891	0.494696	1.42516
4.728671	3.853763	3.965749	6.97579	5.897072	5.446829	4.767844	4.988482	3.987503	5.774366
7.440831	7.999085	7.399074	6.40048	6.988128	6.586511	6.901234	6.746395	7.221844	7.961788
0.163055	0.046592	0.640655	0.196024	1.986951	0.300164	0.046592	0.046592	0.715107	-0.01587
3.065616	3.184861	3.241599	3.860407	3.125044	2.870764	3.672305	4.025519	3.203876	3.814953
2.917618	2.315101	2.022583	3.695438	2.8198	1.528093	3.377377	1.715555	2.626272	4.080868
3.118659	2.751078	2.920369	4.042314	2.467223	2.928773	3.959374	2.640618	2.757999	3.246333

4.256459	3.951909	3.697276	4.268966	3.737379	2.903292	2.771809	2.183505	4.219096	4.884926
0.910349	1.712027	1.25537	1.266357	1.121933	0.44103	1.712027	0.367191	0.750315	3.049025
2.839017	2.714024	2.893677	3.442625	3.139336	2.417996	2.515631	2.138667	3.496013	3.846457
4.490658	4.05383	4.390787	4.02795	4.154596	4.296066	4.471181	4.466679	3.39284	4.436377
9.773718	9.468211	9.370556	10.19394	9.451017	8.697623	9.04435	8.854939	9.390391	9.432328
4.663497	5.485737	4.853556	4.341175	5.061878	4.240708	4.926026	4.040009	4.805069	5.769306
4.904089	3.567065	3.857252	5.82084	3.635922	2.152965	5.409521	3.421924	3.351119	6.567646
8.705318	9.121874	8.335812	7.938071	6.741096	5.804492	7.087595	6.563681	8.919565	8.043717
3.825391	3.864292	4.175322	2.590511	3.277551	3.789469	3.243088	3.022298	3.902539	2.931535
3.50551	3.162793	3.97185	3.174704	4.228789	3.781747	2.620388	4.244569	3.948508	3.691378
0.248529	1.363398	2.394566	0.730668	1.196026	1.620108	0.256043	0.951887	2.229895	0.71589
3.189522	2.786348	3.710613	3.047939	3.216786	3.684062	3.121086	3.596424	3.36831	3.510141
4.536272	4.173926	4.223943	3.994072	4.237842	3.555521	4.466629	3.373105	4.32431	3.932592
3.419599	3.228233	3.783743	3.58956	3.837868	3.532735	3.859164	3.523459	3.478991	3.823303
2.177677	1.894904	2.058976	2.799523	2.7914	1.812776	2.81427	3.177461	2.961713	2.089186
3.761158	3.194728	3.60072	5.008554	3.838202	3.151098	4.176111	4.418897	3.017314	4.992084
1.542144	1.772772	1.638333	1.729791	2.517206	1.624612	2.038285	1.124333	1.760665	1.691539
3.187972	3.468339	3.78929	3.689976	4.142103	2.839137	3.621378	3.292894	3.658987	3.063775
3.64132	3.253196	2.972233	3.545543	3.249618	6.625593	3.952825	2.44668	3.049397	7.537223
4.165371	4.621971	4.272155	4.275615	4.419455	4.392837	4.703584	4.458899	4.162367	3.687575
1.2921	1.063676	1.974897	2.050473	2.269108	2.390129	3.069757	3.381653	1.130564	1.513377
4.545259	5.17871	4.974517	4.764749	5.067277	4.682975	5.174138	5.789004	4.95428	5.107887
3.657642	2.272433	2.907303	5.336645	3.926771	5.0446	2.314767	3.483191	2.443874	4.734322
5.142585	4.894236	4.74166	5.296121	5.293257	4.723528	5.008937	4.808223	4.445389	5.530711
4.891993	4.643048	4.712248	5.057559	5.506132	4.474589	4.945043	5.041895	5.071564	4.950215
5.715869	4.858795	5.913485	5.83954	5.881263	4.936746	6.001291	5.832981	6.235309	5.986715
6.344422	5.216425	5.50877	5.885127	5.929692	5.747605	5.686138	6.303444	5.911876	5.124836
5.050024	5.387358	4.96334	5.118503	5.262938	5.447047	5.827762	5.671687	5.330721	4.574585
7.494171	7.32833	7.021408	7.996752	3.078285	4.214676	5.66472	3.172158	5.266613	4.08847
5.029136	4.689682	4.947014	3.023181	5.336571	3.026068	9.427768	3.714677	6.215238	4.650203
3.787389	3.591864	3.68487	3.523479	3.81976	3.182411	3.926247	3.913704	3.333046	4.361253
6.473699	6.067776	5.850794	5.156613	5.635963	5.140332	3.497028	6.698816	5.2683	5.879958
3.011592	2.208356	3.034202	3.173267	3.450562	2.53455	3.028593	3.248277	2.879773	3.195227
2.572117	2.630576	2.700754	3.142812	2.869395	2.936924	3.6774	3.030573	2.53937	3.472395
2.919341	2.518841	2.155723	4.15998	2.82254	2.854032	2.502254	3.963585	1.902741	3.457438
2.032707	2.145697	1.892113	2.95593	2.259819	2.512574	3.923191	1.993285	1.794975	2.512574
0.051545	0.093399	0.921917	0.264641	0.316403	0.692977	0.255779	0.051545	0.55155	0.488172
5.545532	5.185016	5.029593	4.909199	5.440576	5.672529	5.419911	5.674872	5.37236	5.203338
5.226486	5.114727	5.043094	5.195145	4.895117	5.224257	4.659245	3.961228	4.679719	4.977645
6.364425	5.736407	6.011023	6.285975	6.467061	5.991556	5.434441	5.908378	5.862547	6.391595
0.124475	0.141408	0.282039	0.259944	0.289296	-0.02254	0.17443	-0.02254	0.310753	0.45533
1.375109	1.742458	1.520254	2.548076	1.095166	0.365888	0.497248	-0.07469	2.281411	0.959976
3.044622	3.487707	3.553665	2.905442	3.570048	4.469294	3.896903	4.183804	3.241556	3.334521
5.925916	4.14496	4.251449	7.192298	4.496944	4.19329	7.038394	3.458877	3.328711	7.347448
1.605271	2.250635	1.477822	2.096593	1.8154	1.101705	1.947322	1.22412	1.555907	1.678542
3.75823	3.228904	3.426426	3.586843	3.914212	3.418526	3.483357	4.033993	3.511053	3.278772
7.272126	7.207242	7.516778	7.001627	7.423273	7.032843	6.793988	7.411748	6.939013	7.078651

3.268224	2.692237	3.510433	3.714015	3.87588	2.591531	3.561034	4.213078	3.663488	3.397828
0.284771	0.222343	0.445112	0.315115	0.238174	0.5784	0.402915	0.173909	0.374168	0.402915
4.901116	4.814747	5.311558	5.632976	5.191452	5.135601	5.691205	5.553544	5.402183	5.102393
4.753267	4.467203	4.690564	5.202281	4.528475	4.162126	4.71543	4.781638	4.091472	5.598363
1.505894	3.712825	4.17652	3.999562	4.785395	4.13976	0.915449	1.288887	6.247098	1.078559
1.699445	1.458903	2.348626	2.706274	2.216235	1.331717	2.928233	1.838269	1.423946	2.689773
0.191241	0.125767	0.203988	1.009979	0.014424	0.620191	0.085011	0.043073	0.5718	0.125767
6.040213	5.823416	6.067116	6.022245	5.79511	6.192869	6.381011	7.048603	5.446861	6.516375
4.456591	4.782083	3.947817	6.357458	4.833784	3.1009	6.289526	3.909387	3.766449	5.95755
6.500758	6.353444	6.739296	6.997127	6.454818	6.347941	7.512629	6.922268	6.423315	6.967897
6.048283	5.508728	5.60336	6.114443	6.239438	6.55178	6.369437	7.292521	6.283365	5.274061
3.164626	3.811457	3.717623	3.634854	3.030719	3.653978	4.332506	4.332057	3.644799	3.409005
3.323848	2.888903	3.054667	3.476089	3.066936	3.179213	3.589097	3.612182	2.888903	3.728966
3.198768	3.388235	3.639228	3.170603	3.630819	3.214803	3.672334	4.092557	3.713562	3.117076
0.788025	1.358889	0.049712	0.148255	0.136344	0.261642	0.062453	0.049712	0.365799	2.860257
0.015797	1.382138	0.788494	-0.07981	0.287031	0.379855	-0.10218	-0.04705	3.073912	-0.09094
1.837806	1.041304	3.086089	3.214346	3.272138	2.364167	4.155514	4.609819	1.019714	2.710515
0.801705	0.867542	0.669151	4.162458	0.636407	0.412433	6.33315	0.1128	1.018113	4.062682
6.32807	6.142873	6.014152	6.208626	6.502715	6.262174	6.517278	6.563906	6.317613	6.142771
3.286043	3.499157	3.573821	3.561644	3.358569	2.920993	3.445259	3.404091	3.34909	3.375289
5.176847	4.958162	4.918425	4.647604	4.884997	4.255879	5.878527	5.127757	5.238226	4.653062
3.73441	3.535402	3.772703	3.931939	4.007346	4.277754	4.420173	4.828243	3.8918	3.957331
4.599831	3.574219	4.253285	2.812669	3.369054	3.206494	2.914344	2.903915	2.801277	3.479364
3.913306	2.661403	3.594905	2.964471	4.768821	3.626962	5.303442	4.093803	3.741232	2.861322
5.223248	6.115096	5.37001	3.603428	4.276709	4.263763	4.771764	3.945741	5.806357	5.460701
3.948208	2.671371	3.835591	4.588767	5.491208	3.936968	2.338133	5.724753	5.404635	4.883194
2.267804	2.541572	2.642777	2.818929	2.717435	2.511452	3.145314	4.223841	3.096881	2.613397

CGGA_P6	CGGA_P8	CGGA_P8	CGGA_P8	CGGA_P9	CGGA_P98
0.481622	0.792798	0.760722	0.736144	0.711101	0.56889
1.611587	2.288764	1.722185	0.410145	3.100098	1.641268
5.683024	6.006512	5.658286	5.398405	5.866801	6.406911
5.504557	4.15489	2.718949	2.971573	3.278642	6.593144
1.63961	0.892016	1.697614	1.549801	1.544894	0.816068
6.589479	7.085698	6.787372	6.893848	6.947689	6.937672
6.556544	6.273697	5.815983	5.764048	6.019648	6.060962
1.043159	0.111443	0.771773	0.721654	0.725923	2.37146
0.009871	0.175555	0.009871	0.118842	0.141834	0.153175
5.63101	5.860217	5.483576	5.825477	5.54327	5.708587
5.31241	5.095452	4.611815	4.793817	4.538071	4.667295
3.91151	3.054835	3.751774	3.732993	3.420771	3.11812
2.069197	2.818979	1.919806	0.665762	2.161886	2.679877
4.877562	2.701445	2.658638	3.042534	3.220366	3.617263
6.413376	5.412427	6.740733	6.706202	6.172064	4.577725
4.071055	3.749707	3.74362	3.86393	3.810385	3.10225
1.436204	1.191793	1.507463	1.17255	2.357269	1.309671
8.307473	8.866851	8.155438	8.20528	8.130842	8.695388
6.468201	4.807878	5.719145	6.554147	5.733361	3.871203
4.488782	4.123529	4.557874	4.353519	4.305345	3.589105
3.494436	3.508964	3.894254	3.853351	3.678208	2.955605
2.974555	3.581331	4.898563	3.913154	3.867188	3.226389
3.361419	3.131481	3.28499	3.217414	3.410969	3.034974
0.990926	-0.05058	0.0957	0.208485	0.458398	0.272573
4.153192	3.647186	3.654672	3.872221	3.923829	3.806754
4.169987	4.036069	4.842103	4.201936	3.761873	2.641419
0.46	1.212618	1.530133	1.079498	1.222704	0.347171
4.5524	4.917842	5.637661	5.798836	5.255812	4.0385
2.827058	1.682916	2.720726	2.535318	2.991659	3.558295
4.362405	4.308041	4.329571	4.481261	4.429838	4.181103
1.971502	3.018253	2.178762	1.391201	3.181988	1.953536
5.549818	5.129212	4.758219	5.311751	5.41239	5.001912
5.33067	5.602327	6.467219	5.517111	5.42481	4.727137
3.596036	3.178111	2.711748	2.973926	2.883212	2.71607
3.623936	1.38018	2.019907	2.573737	1.845727	3.961331
3.005465	2.435759	3.055646	2.945806	2.604876	1.667414
5.44247	5.662576	5.255524	5.436245	4.976668	6.061855
3.943585	4.001503	3.735699	3.917024	3.644485	4.222848
5.013805	4.748271	4.604961	5.070019	4.833715	4.663481
0.063859	0.033927	0.122019	0.063859	0.136219	0.078608
2.208665	0.366161	0.749908	0.416321	0.033627	0.472298
2.66165	1.820381	2.076967	2.739275	2.515323	3.202277
2.185374	2.969208	2.646322	1.772014	3.299599	2.763653
1.237749	0.814582	2.053372	2.063455	1.949439	0.832797
1.097211	0.76142	0.449042	0.085844	0.523083	2.318912

10.9228	11.30529	10.37464	9.083002	11.00711	10.66059
6.921206	6.671914	6.702643	6.824543	5.920643	6.918148
4.662074	4.226611	3.939569	4.14017	4.083012	4.932239
0.565264	0.793379	1.006977	1.278378	1.178992	0.537647
1.815471	0.530363	1.371783	0.976248	0.714932	1.051309
0.135656	1.460229	0.573964	0.628639	0.555115	1.643801
2.845302	2.390588	2.794727	2.713272	2.629951	1.658011
5.000153	4.86243	4.773275	4.774432	4.825838	4.951877
4.775639	4.714186	4.61499	4.524609	4.663262	4.351516
0.029448	0.502597	0.303471	0.102778	0.290894	0.029448
1.858504	1.46238	0.121025	0.092934	0.79827	1.418735
7.716834	6.17179	5.972549	4.641091	7.982119	7.53938
9.209439	9.13505	9.139568	9.314686	9.158562	8.858518
4.029681	3.922822	3.942564	4.196323	4.569896	4.743811
1.821523	1.568857	2.395683	2.236159	2.661274	1.005714
4.906015	5.935523	4.644033	5.083543	4.585339	6.393844
3.014139	1.282647	0.652846	0.001824	3.129826	2.932094
3.70133	3.316947	3.422792	3.996101	3.745987	3.401616
1.356666	0.020391	0.406246	0.541571	0.844611	2.094988
8.274519	7.739228	6.859724	6.942683	8.1727	9.781163
3.534658	2.894614	4.433137	3.838398	3.567549	2.496218
4.840912	4.138409	4.355294	4.395462	4.32372	3.386426
0.115848	0.938202	0.959322	0.741878	0.94246	0.447716
5.223317	5.738193	5.668284	5.668118	5.773973	5.525322
3.901964	3.326781	4.161317	3.878011	3.936677	4.174532
2.908138	3.007849	3.099109	1.94179	3.212501	2.086988
2.595206	3.034858	2.7708	2.255826	2.762274	3.387911
5.182711	3.964063	4.306071	4.240949	4.260295	6.094043
4.745331	3.35175	3.148262	3.101411	4.690409	6.918036
3.433454	1.570928	4.342905	2.558997	4.893239	3.457982
2.420688	3.18986	2.883938	1.6114	2.784968	3.695589
4.785244	2.829328	3.888542	3.109334	3.471582	1.754516
3.337174	2.705624	3.722183	3.3295	3.196187	2.157421
3.817352	3.136159	3.514249	4.076678	3.325859	3.449931
2.577465	1.994356	2.159964	2.669603	2.379515	2.470581
2.503059	3.830752	4.149165	4.176452	4.373841	3.634864
6.955513	8.173599	7.165848	7.149691	7.113365	8.383447
1.228511	0.931228	1.719599	0.988342	1.301007	1.088794
5.123928	5.771761	5.252702	5.367979	5.217132	5.432217
0.377813	0.224869	0.565735	0.224869	0.396919	0.646547
3.740858	3.43725	3.870595	4.126791	3.585501	2.993558
3.984934	3.566542	3.285673	2.366621	3.852708	1.937854
2.695361	1.887248	2.616795	2.407182	2.463701	1.455384
2.929876	3.102253	2.896952	3.037482	2.909204	2.821169
4.851329	4.236414	3.564943	5.350793	3.527815	4.411927
0.690237	0.336706	0.325464	0.144799	0.992323	0.256016
2.920343	4.32831	2.882108	1.571378	3.774611	3.738098

0.259683	0.526133	0.274847	0.674429	0.334131	0.274847
4.502891	5.23574	3.834016	2.96651	4.725933	3.65358
0.516432	2.233164	2.006674	1.773635	2.110721	1.744353
3.404101	3.798957	3.883851	3.600877	3.708955	3.803528
2.774495	3.518879	2.743191	2.662402	3.320762	3.293745
6.518446	6.786117	7.350214	6.811664	6.909387	4.964105
1.764593	3.428404	2.88029	1.869146	3.560369	3.471246
7.938422	6.943738	8.389671	7.279493	7.769682	6.460023
3.00793	1.337701	2.242111	1.306088	2.529686	2.107207
1.911367	2.77887	3.246872	2.149536	2.765999	1.639688
4.242876	3.315335	4.190874	3.772388	3.888279	2.657945
0.412087	0.373444	0.347146	0.149655	0.103917	0.265514
8.69364	8.51121	7.708336	8.272648	8.363456	9.038846
5.21327	4.745722	4.812519	5.009387	4.972704	4.73276
3.240452	3.249649	3.066439	2.836299	3.209738	2.700611
0.698933	0.440019	0.501957	0.491827	1.630111	1.097404
5.545626	4.419981	4.977901	5.502038	5.070338	4.029455
1.72717	1.262983	1.692904	1.276285	2.529094	1.18047
2.87909	2.202689	2.524797	2.863235	3.181117	2.738472
3.144255	3.23041	3.751558	3.619882	3.480282	2.50812
0.201944	0.159833	0.242639	0.105048	0.262485	0.347971
0.062618	0.051695	0.040664	0.186003	0.073436	0.029523
4.290865	4.042026	5.203325	4.808927	4.565069	2.777126
4.372968	3.411725	2.721733	4.234936	4.224985	3.530738
4.307731	2.867596	3.738577	3.339219	4.219003	2.158245
3.589542	3.072436	3.422601	3.588614	3.483532	2.334509
4.628113	3.760844	3.951058	3.848604	4.54724	3.80257
6.848379	7.602549	7.179366	7.021204	7.146241	7.415031
0.24915	0.044819	0.156902	0.083243	0.01857	0.070559
0.415542	1.049563	0.530428	0.69207	0.84138	0.642861
2.604845	2.416758	4.07246	4.082688	3.992149	1.742152
7.381173	7.234312	7.060924	6.24087	7.125152	7.851123
0.181482	0.028997	0.130282	0.189766	0.076313	0.048193
1.2675	0.241677	0.412711	0.267413	0.544472	0.927872
5.042527	3.861897	4.90174	4.839477	4.854929	3.386622
5.931492	5.774735	5.336869	5.236196	5.451167	6.525484
4.598715	5.190708	5.357152	5.423961	5.347678	5.715441
4.763944	4.387609	4.880579	4.68457	4.827719	4.338046
5.094741	4.11508	4.679762	4.821482	4.641141	3.729117
1.178905	1.246939	1.366457	1.258355	1.531182	1.361297
5.307187	4.418696	4.058957	3.71585	5.648273	4.49932
0.026154	0.015591	0.015591	0.004922	0.046974	0.164057
6.300758	5.774764	5.555535	4.382086	5.831342	5.632756
4.280972	4.323208	4.546636	4.516867	4.631219	4.354982
5.251288	4.690132	5.490354	5.048396	5.26566	3.804558
1.885187	2.380039	3.90249	3.774391	3.58726	2.215947
4.211691	5.000967	3.988899	4.428454	3.964454	5.402028

1.948792	2.552114	1.836166	3.189403	1.597036	2.587269
0.290657	0.013079	0.281078	0.001022	0.10545	1.566618
4.621027	4.319744	3.12411	5.009469	4.430015	3.11516
0.232732	0.232732	0.496563	0.263195	0.439868	0.352806
0.156075	0.076739	0.279147	0.231195	0.325526	0.55654
5.878414	6.89405	6.146435	5.64181	6.242255	6.370308
4.280719	4.492877	5.68663	4.817721	4.748303	2.979587
2.398871	2.320574	2.710549	3.274773	2.689808	2.866519
1.187021	1.247279	1.187021	1.180152	1.109414	1.323557
6.628516	6.853522	6.797623	5.823827	7.293159	6.839015
0.765269	0.018615	0.393369	0.054432	0.174536	0.054432
2.261408	2.164628	1.816154	1.689144	2.116549	1.632056
2.558511	2.692259	3.100998	3.072573	2.932022	2.100824
6.069994	6.689732	6.050602	5.361337	6.223811	6.549487
0.49491	0.54133	0.620989	0.323659	0.396878	0.417074
0.342036	0.138413	0.091075	0.16144	0.270736	0.16144
5.192041	4.87432	5.110181	5.28116	5.212427	3.751389
6.12634	5.70705	5.70459	5.451814	5.742996	6.41705
0.172826	0.070877	0.047036	0.070877	0.082628	0.022728
9.729963	10.15442	9.167419	9.465469	9.307216	9.717338
4.908637	4.902304	4.895134	4.942538	4.937689	3.888942
3.715953	1.847645	1.284803	0.251415	2.762771	2.08782
6.561554	6.491958	5.730528	5.5438	5.66953	7.479892
3.714628	4.393349	4.3054	4.222125	3.672552	3.57349
3.549336	3.565882	3.860059	3.183835	3.986645	3.24958
0.958524	1.203455	1.625399	0.76617	1.80283	0.874582
0.116116	0.100874	0.233241	0.022485	0.233241	0.116116
0.686306	0.676692	0.695858	0.676692	0.390382	1.285336
5.639424	5.701711	5.614791	4.836055	5.57795	4.912133
3.94761	2.880771	3.681074	4.344388	3.973492	2.356799
1.874907	1.947962	2.359383	1.242765	2.551527	2.384912
4.991444	4.689984	4.689172	5.954147	4.528921	5.425077
1.59528	1.326424	1.160414	0.080557	2.001891	1.55138
5.577945	5.337669	5.063307	7.191434	5.722123	5.018696
0.529296	2.036477	0.202868	0.534628	0.560868	1.909871
2.772265	3.656286	3.334589	3.188938	3.250883	3.547553
1.509542	1.796514	0.910438	1.793793	1.563464	0.971181
0.316263	1.182649	1.034856	0.588778	0.633619	0.237187
4.758261	5.267161	4.852959	5.738301	5.01353	4.744819
6.311727	5.334817	6.289455	5.997733	6.161964	5.145343
1.045383	0.905535	0.623538	0.494696	0.98068	0.455385
5.276619	4.877486	3.691007	4.388912	5.040323	5.180128
6.774055	7.62163	7.774994	6.916804	7.553767	6.536535
0.238702	0.927859	0.593812	0.715107	-0.01587	0.648298
3.29865	2.840289	3.357003	2.976635	3.296795	2.672734
2.262749	2.987013	2.743084	2.269016	3.264929	1.824462
2.728657	2.486432	2.415049	2.032557	2.625293	2.530646

4.123979	4.358142	5.210669	4.421863	4.787928	3.532243
1.216175	1.795057	3.10549	0.85166	2.38349	1.233116
2.878993	2.364497	3.520406	3.194675	3.583802	3.034319
4.585647	3.648479	4.241948	3.79827	4.284122	3.026309
9.764252	9.2374	9.046376	8.638013	9.087674	10.00919
5.334626	6.037205	5.699433	4.669018	5.05517	4.444407
5.424178	4.86236	4.213827	2.772732	5.279006	3.059483
7.521523	7.173015	7.790871	8.191753	8.207851	7.890369
3.82144	3.83797	4.514192	5.01025	4.618685	3.742027
3.867864	3.233495	4.416521	4.287794	3.864328	2.649712
1.496659	0.485367	1.133012	1.149943	0.754871	2.22221
3.770634	2.719744	3.490555	3.467417	3.314447	2.806335
4.405671	4.082382	4.360343	4.468392	4.182911	4.016067
3.709258	3.167957	3.725241	3.590286	3.547248	2.853557
1.793711	0.781304	2.066602	3.177461	1.657931	1.568138
4.159466	3.390182	4.005563	3.701502	4.484916	2.642046
1.534667	1.87603	2.007241	2.347364	2.12423	1.585956
3.054488	2.85182	3.979232	3.580835	3.097657	2.600077
3.44115	3.123746	2.917429	3.523936	1.829765	6.930549
4.029288	4.692504	4.042936	3.974833	4.090215	4.219981
2.419268	1.205449	0.897616	1.573922	1.171418	0.755641
4.797485	4.537825	4.813122	4.683469	5.100093	4.73062
5.027361	2.54426	2.088477	3.071825	3.309828	2.228733
5.311407	4.776602	4.992099	4.714926	5.084526	3.973478
5.351018	4.437289	5.19927	5.567648	4.896397	4.42968
6.189858	4.431406	5.713472	5.682196	5.093798	4.416507
5.691881	5.283383	4.985186	5.363862	5.351718	4.931041
4.813586	5.577122	5.045638	5.209677	5.104334	5.487137
6.496088	5.252987	6.045914	5.721179	6.744722	6.64837
3.970262	5.013904	6.114076	6.704954	5.681825	3.150049
3.671082	3.623436	3.654094	3.689751	4.017307	3.400394
5.204278	5.601556	5.860516	7.041488	4.967068	4.870128
3.846467	2.065979	3.064549	3.575297	3.184302	1.833577
2.770802	2.764962	2.931867	2.641487	3.286851	2.619562
2.437024	2.697481	2.839019	2.119424	2.905135	2.618346
1.435325	3.20379	1.988816	1.842064	3.01008	3.615012
1.161153	1.292909	0.210394	0.019104	0.436297	1.238312
5.700445	5.417463	5.041948	5.800889	5.145133	4.958075
5.073918	4.846653	5.094076	4.548872	4.873212	4.352484
6.301344	5.684075	5.936196	6.096472	6.077357	5.061816
0.089715	0.267364	0.17443	0.237344	0.141408	0.411575
3.221801	0.66512	2.217432	2.100877	2.67287	2.848377
3.413372	3.964821	3.477076	3.236301	3.42093	3.917875
5.826868	3.566647	6.355267	3.491196	5.544448	3.327136
1.510979	2.157182	2.305754	2.045392	2.340593	1.728651
3.501365	2.933661	3.752566	4.20197	3.516662	2.067362
6.968267	7.168602	7.320601	7.349702	7.097705	6.223883

3.758433	2.574779	3.353425	3.746491	3.458757	2.05154
0.238174	0.816287	0.964385	0.374168	0.552596	0.641187
5.103643	4.567789	4.732319	4.735341	4.651655	4.850309
5.02276	4.000436	4.664282	4.254664	4.921114	3.056999
5.560072	1.193914	3.083219	2.064898	3.107777	5.144932
2.122159	2.163065	2.284294	1.419503	2.403854	1.364827
0.216623	0.098724	0.22915	0.216623	0.30211	0.043073
5.973694	6.112529	5.779452	5.522234	6.013072	5.264826
4.500698	4.707358	4.598891	2.321082	5.253291	5.239147
6.88253	6.261358	6.21312	6.660438	6.550667	6.059405
5.966131	5.780678	5.381066	5.98126	5.947502	5.685316
3.131582	3.779783	3.460976	2.90284	3.361369	4.089116
3.526817	3.070415	3.565494	3.812847	3.176076	2.231199
3.489546	3.862198	3.692607	3.563753	3.32186	3.441699
0.585842	0.365799	0.585842	0.099932	0.385651	0.534274
2.129684	-0.10218	0.186065	0.122805	0.902543	3.783367
2.089739	2.059375	1.076553	2.528917	1.568799	0.721227
1.155776	0.226214	1.122786	0.226214	0.916893	2.088608
6.234821	6.624448	6.317262	6.644457	6.510279	6.695823
3.431503	3.740072	3.453304	3.22055	3.615377	3.509732
4.990513	3.234066	4.779086	5.312139	4.796384	4.532966
3.955194	3.608042	4.023497	4.046775	3.722441	3.151704
3.276939	4.296225	4.729625	3.657803	4.06696	2.791217
3.495906	2.722645	3.886038	4.715587	4.515385	2.838908
6.602022	4.921406	6.043045	4.83674	6.047396	5.026059
4.247306	3.075421	4.852832	5.625071	5.058589	3.64442
2.680749	2.478223	2.849687	2.828737	2.724624	1.995856

Supplementary Table S3: Immune checkpoint gene list

IL23A

TNFSF4

CD86

CD70

TNFSF15

TNFRSF18

CD200R1

TNFRSF8

PDCD1

PVR

PTPRC

SIGLEC15

LDHA

HAVCR2

CD48

IDO1

CD160

CD244

YTHDF1

NRP1

TNFRSF4

CD274

CTLA4

CD80

CD40

CD276

TNFRSF9

TNFRSF25

TIGIT

B2M

TNFRSF14

LAG3

LAIR1

TNFSF14

FGL1

TMIGD2

CD8A

BTLA

ICOSLG

CD40LG

LGALS9

CD44

JAK2

PDCD1LG2

ICOS

CD27

CD28

Supplementary Table S4: The expression levels of the 6 FPRGs and riskScore calculation in TCGA

id	futime	fustat	ARNTL	NNMT	G6PD	CASP6	SP1	ELAVL1
TCGA-DB	1726	0	0.663735	2.064645	2.477202	1.726536	2.252956	2.919194
TCGA-FG	128	0	1.224913	1.066516	4.552317	1.411947	1.441849	2.911259
TCGA-DB	383	0	1.797948	0.939249	3.525428	1.150625	2.460873	3.086216
TCGA-R8	1806	0	1.90404	0.62211	4.219822	1.729583	1.41363	2.673624
TCGA-P5	9	0	1.552327	1.009389	3.505185	1.54646	2.260326	3.166429
TCGA-HW	294	0	1.62993	0.951685	3.082573	1.358878	2.936337	3.407701
TCGA-DU	460	0	1.526975	0.912875	3.3979	1.579152	2.645617	3.472856
TCGA-HT	908	0	1.782086	0.930226	2.899979	1.848462	3.049648	2.935943
TCGA-E1	4758	1	1.205998	0.582763	3.511808	0.881542	3.681571	4.601756
TCGA-S9	1897	0	1.328788	0.937828	3.96005	1.302676	2.55785	3.813671
TCGA-TM	770	0	2.44739	0.56221	3.114004	0.873571	2.913469	3.855619
TCGA-HW	854	0	2.183264	0.557448	3.810424	0.346088	3.204613	3.963574
TCGA-FG	124	0	1.70256	0.825629	3.117569	0.695112	3.58112	4.425795
TCGA-DU	2875	1	1.580818	0.873864	2.85803	1.628618	3.415477	3.763178
TCGA-FG	124	0	1.446155	1.591098	4.05697	2.098118	1.296986	2.897715
TCGA-P5	7	0	2.233077	1.326956	2.652615	1.631993	2.769212	2.998906
TCGA-S9	123	0	1.625582	0.79777	3.873028	1.351672	2.74283	3.766907
TCGA-CS	143	0	1.535277	1.206675	3.232611	1.802068	3.173064	3.1733
TCGA-P5	5	0	2.358174	0.559163	3.256612	1.105599	2.96636	3.816995
TCGA-DU	82	0	2.104022	1.048169	3.968807	1.06941	2.372851	3.317874
TCGA-P5	14	0	1.458204	1.461947	3.424655	1.347871	2.860187	3.663063
TCGA-HT	13	0	1.672867	1.090975	3.414967	1.60475	3.151022	3.228631
TCGA-HT	50	0	2.374076	1.130263	3.396447	1.647383	2.379963	2.693662
TCGA-P5	7	0	2.120535	0.646636	3.8353	0.887187	2.926023	3.813476
TCGA-RY	166	0	1.801067	1.134727	4.117906	1.108173	2.527667	3.461912
TCGA-HW	609	0	1.780879	0.794098	3.761871	1.427267	3.31441	3.336904
TCGA-WY	1337	0	1.022779	1.102631	4.118659	2.147247	2.561663	3.44882
TCGA-DU	1287	0	1.936294	0.899565	4.206741	1.669949	2.636552	2.770043
TCGA-WY	1320	0	2.209553	0.795144	3.490171	1.352336	2.850771	3.605956
TCGA-HT	5	0	1.932233	1.026294	3.015076	1.784977	2.884125	3.763856
TCGA-S9	554	0	1.867353	0.721176	4.348657	1.685578	2.513692	3.183518
TCGA-TM	1472	0	2.327883	0.850969	3.881977	1.292932	2.628519	3.252151
TCGA-FG	233	0	2.094052	0.827595	3.319859	1.56221	3.023838	3.615556
TCGA-HT	3	0	2.311794	1.112075	3.852665	0.820492	3.079814	3.274015
TCGA-TQ	1341	0	0.993682	1.008913	3.740475	1.874848	3.091299	4.259955
TCGA-HT	194	0	2.655331	1.088354	3.849263	1.402951	1.362225	3.525521
TCGA-DH	968	0	2.184976	0.937926	3.610806	1.494328	2.626457	3.555588
TCGA-FG	214	0	0.632416	2.847902	4.534807	1.927675	1.34972	2.982094
TCGA-CS	244	0	1.618995	0.838566	3.09821	1.212499	3.74463	4.629234
TCGA-CS	323	0	1.977674	1.748822	3.876036	1.477213	2.052276	3.043992
TCGA-DU	5546	0	1.796423	1.079442	3.578008	1.798502	3.052515	3.283557
TCGA-S9	856	0	1.913136	0.825579	4.256922	1.332877	2.991153	3.343695
TCGA-S9	109	0	2.595723	0.742777	3.029721	1.398765	2.759968	3.894911
TCGA-TM	1093	0	2.418841	0.904073	3.567917	1.388239	2.416348	3.656998
TCGA-P5	8	0	1.631436	1.284346	3.897207	1.52257	2.956641	3.405858
TCGA-HT	89	0	2.216402	1.009728	3.609332	1.61534	2.678101	3.287771
TCGA-DU	2372	0	2.577825	1.156212	4.088888	1.217975	1.927544	3.143718
TCGA-EZ	160	0	1.771801	1.192002	3.682539	1.038588	3.658308	3.623772
TCGA-CS	225	0	2.934528	1.205441	4.018759	1.103576	1.047202	3.505515

TCGA-QH	7	0	1.947485	1.105438	3.52888	1.57195	2.913113	3.57132
TCGA-S9-	2149	0	2.77146	1.795013	4.600133	0.839559	1.055236	2.683363
TCGA-FG-	744	0	1.382131	1.130801	3.812641	1.329298	2.984986	4.405003
TCGA-HT	120	0	2.42779	0.908261	3.588046	1.091238	2.89138	3.68784
TCGA-HT	162	0	2.48612	1.346712	4.011418	1.407181	1.951083	2.926204
TCGA-QH	119	0	1.610964	0.975845	3.973848	1.817657	2.912071	3.515629
TCGA-TM	365	0	2.293178	0.671971	3.250831	1.144901	3.286148	4.295846
TCGA-DU	242	0	1.971577	1.429501	3.327545	0.574991	2.595184	5.090409
TCGA-R8-	2702	0	1.666781	1.104045	3.356357	1.984623	3.362487	3.421961
TCGA-DB	313	0	1.546633	1.587097	3.7155	1.775249	2.77994	3.342076
TCGA-HT	434	0	2.418681	1.112341	3.129965	1.236328	2.310099	4.382316
TCGA-HT	1004	0	3.134237	1.673966	4.245398	0.960791	1.006817	2.693301
TCGA-WY	626	0	1.451692	1.673085	3.66518	1.650691	2.24046	4.106175
TCGA-HT	336	0	1.562037	1.164747	3.188646	1.842026	3.352532	3.957039
TCGA-S9-	3156	0	1.95518	0.660123	3.576614	1.489767	2.83171	4.472264
TCGA-QH	106	0	2.16739	0.757499	3.544622	1.639107	3.006068	3.691405
TCGA-QH	96	0	2.629212	0.981462	3.718857	1.041388	2.627682	3.625017
TCGA-CS-	3	0	2.643692	0.59991	3.192912	1.08169	3.597272	3.834024
TCGA-QH	192	0	2.533831	1.21639	3.776691	1.252559	2.531112	3.225685
TCGA-DU	3571	1	1.518249	1.667352	3.167163	1.660138	3.125116	3.94774
TCGA-DU	1491	1	1.817752	0.952557	3.88814	1.547192	2.89617	3.930432
TCGA-DU	2869	0	2.204214	0.715015	3.319092	1.435051	3.277482	4.108367
TCGA-QH	175	0	1.540493	2.059506	4.070952	1.039101	2.580299	3.662499
TCGA-DU	532	0	1.729184	0.607859	4.174398	1.469084	3.558982	3.748323
TCGA-HT	671	0	2.781815	1.328188	3.325006	1.45419	3.02409	2.5822
TCGA-HT	1	0	1.626247	0.978513	3.639507	1.650838	3.628382	3.76063
TCGA-HT	76	0	2.381498	0.870468	3.04598	1.53367	3.392386	3.740345
TCGA-HW	13	0	2.31906	0.95654	3.585834	1.39919	3.166731	3.484686
TCGA-TM	687	0	1.758964	1.190228	3.420532	1.768334	2.960537	3.955065
TCGA-S9-	2101	0	1.238868	1.045813	4.757527	1.513297	3.057742	3.698979
TCGA-HT	139	0	2.512049	1.251404	3.483801	1.584064	2.817211	3.000487
TCGA-QH	18	0	2.072374	0.98704	3.263407	1.509028	3.434564	3.886874
TCGA-RY	63	0	2.239262	1.228481	3.576065	1.363056	2.680587	3.782549
TCGA-DU	98	0	1.451026	1.79231	3.196511	1.983549	2.932797	3.707502
TCGA-HT	10	0	2.533923	1.022377	3.040256	1.537593	3.384104	3.382692
TCGA-FG-	113	0	1.604689	1.310996	4.320997	2.357717	1.883167	3.197146
TCGA-VM	3	0	1.770748	1.0003	4.670973	1.980537	1.766568	3.558941
TCGA-VM	1006	0	1.893182	2.007028	3.410474	1.643245	2.410995	3.39999
TCGA-DB	332	0	1.778563	2.080861	3.351528	1.583958	2.504779	3.559683
TCGA-S9-	684	0	2.66249	0.845022	3.663177	1.548394	2.570232	3.446323
TCGA-HT	194	0	1.413805	1.582832	3.976398	2.345998	2.535953	3.096058
TCGA-RY	933	0	1.938438	1.241329	3.947561	1.602424	2.380091	3.871484
TCGA-DU	4206	0	2.382517	0.767171	3.223913	1.472516	3.540772	3.807409
TCGA-TQ	787	0	2.024446	1.370258	4.054467	2.08957	2.630657	2.575838
TCGA-FG-	97	0	1.93237	0.970923	3.417473	1.420563	3.531385	4.120774
TCGA-HT	442	0	2.888635	0.850404	3.381139	1.361606	2.841558	3.457728
TCGA-DB	469	0	1.862051	1.402341	3.803693	1.855083	2.550127	3.476769
TCGA-S9-	530	0	1.837252	0.960789	3.909629	1.537038	3.119685	3.919835
TCGA-HW	321	0	2.144303	1.780044	3.929201	1.142363	2.362382	3.502937
TCGA-DU	2660	1	2.219928	1.152893	3.619579	0.799007	3.2439	4.291289
TCGA-HT	467	0	1.251597	2.585956	4.704471	1.606912	1.374663	3.213884

TCGA-TQ	949	0	2.314582	0.828284	3.560427	1.134812	3.131214	4.285635
TCGA-HT	319	0	1.683164	1.317285	4.273461	1.773484	2.505961	3.509625
TCGA-DU	84	0	2.217261	1.344575	3.837931	1.231063	2.681607	3.709258
TCGA-QH	147	0	1.812565	1.491979	3.624112	1.694186	2.847792	3.649873
TCGA-HT	114	0	2.371699	1.366137	3.675054	1.767432	2.49853	3.061688
TCGA-HT	82	0	2.295902	1.00263	3.287273	1.846165	2.871892	3.701225
TCGA-F6-	6	0	2.052652	1.371108	3.779928	1.569294	2.632023	3.611426
TCGA-HT	396	0	2.034687	1.070206	3.393403	1.835642	3.037377	3.793014
TCGA-TQ	62	0	1.742384	1.0919	3.599129	2.162319	2.928743	3.664581
TCGA-HT	0	0	1.892796	1.525971	3.471241	1.229797	3.17833	4.04237
TCGA-HT	434	0	2.652064	0.814962	3.57135	1.421316	3.280751	3.304516
TCGA-FG-	214	0	2.057968	1.035786	3.606027	1.957735	2.530424	3.857712
TCGA-HT	2	0	1.810261	1.346135	3.139555	1.499649	2.647676	4.91605
TCGA-HT	3	0	2.510587	0.832945	3.33354	1.377921	3.425094	3.741231
TCGA-DB	1419	0	1.659938	1.440268	3.415157	1.622802	2.860207	4.369946
TCGA-TQ	1026	0	2.158285	0.894382	3.513233	1.48177	3.287341	4.002051
TCGA-DU	715	0	2.544113	1.128717	4.156968	1.53738	1.834446	3.510242
TCGA-VM	815	0	1.913176	0.835617	3.82355	1.935612	3.065874	3.707099
TCGA-S9-	344	0	1.71487	0.591347	3.703797	1.855828	3.30312	4.402055
TCGA-DB	559	0	1.305563	1.593706	4.071571	1.448903	3.336735	3.83912
TCGA-KT	159	0	2.356158	0.825519	3.935104	0.982773	3.140257	4.154308
TCGA-HT	955	0	1.670852	0.954382	3.954614	2.083866	3.29119	3.487759
TCGA-DB	489	0	2.472956	0.676809	3.350022	1.706928	3.008382	4.021724
TCGA-DU	263	0	2.349589	1.386037	3.927109	1.149177	2.808306	3.555256
TCGA-S9-	231	0	2.210721	0.968149	3.409705	1.566012	3.352886	3.904366
TCGA-S9-	103	0	1.566983	1.646786	4.399532	1.995405	2.235948	3.28411
TCGA-HW	188	0	1.846396	0.947734	3.395489	1.734441	3.460534	4.22649
TCGA-HT	55	0	2.408674	2.211666	3.240593	1.368249	1.849478	3.719231
TCGA-HT	122	0	2.510489	1.038816	3.385766	1.760795	3.374759	3.106816
TCGA-P5-	8	0	2.0359	0.906013	4.396077	0.903508	3.069815	4.292999
TCGA-HT	1706	0	2.814812	1.192762	3.44731	1.178249	2.957506	3.495492
TCGA-F6-	7	0	2.927362	0.863556	3.904142	0.910021	2.782503	3.744601
TCGA-FG-	159	0	2.347687	1.679601	4.587345	1.279206	1.757138	3.194228
TCGA-S9-	187	0	2.136843	0.843464	4.175241	1.32952	2.983814	3.996295
TCGA-QH	58	0	2.570287	0.935081	3.632454	1.334629	2.629925	4.118904
TCGA-DU	2761	0	2.237837	0.980821	3.130616	1.868153	3.534895	3.686095
TCGA-DU	197	0	2.12595	1.05755	3.162421	1.801272	3.578751	3.780561
TCGA-DH	200	0	1.451943	1.422377	4.182191	2.732699	2.305776	3.05294
TCGA-S9-	475	0	1.8692	1.092447	3.655442	2.018957	3.458957	3.417226
TCGA-DU	1339	1	2.391188	0.911807	3.582456	0.890556	3.570025	4.353091
TCGA-CS-	0	0	2.014529	0.846084	3.510411	1.182281	3.452434	4.844266
TCGA-HT	268	0	2.12123	1.066496	3.775351	1.650856	2.966371	3.866943
TCGA-HT	494	0	2.354232	0.695461	3.154892	1.824178	3.893315	3.700912
TCGA-IK-	909	0	2.465961	1.260338	3.277616	1.631326	2.961226	3.695604
TCGA-DU	4752	0	2.102666	1.037412	3.31686	2.043245	2.766923	4.142863
TCGA-HT	705	0	3.116312	2.228838	3.199297	1.240301	1.483161	3.276178
TCGA-DU	461	0	1.827992	0.871303	3.917604	1.116383	3.346836	4.873496
TCGA-DB	313	0	2.128806	0.994486	4.180881	1.651762	2.632707	3.815071
TCGA-DU	3200	1	2.276148	0.981852	3.324582	1.95957	3.179143	3.71052
TCGA-DB	404	0	2.125884	0.681601	3.603372	1.535959	3.732825	4.126858
TCGA-R8-	2860	0	1.956474	1.581213	3.624414	1.48678	3.10727	3.791785

TCGA-WY	866	0	1.169917	2.530219	3.613263	1.358205	3.102095	3.993537
TCGA-FG	143	0	1.766584	1.690458	3.368071	1.656089	3.141976	4.009288
TCGA-W9	1371	0	2.332785	1.184449	3.732427	1.574842	2.749155	3.809647
TCGA-DB	2219	0	1.869413	1.059207	3.558484	1.690205	3.284417	4.329131
TCGA-P5-	125	0	2.806537	0.827828	3.870002	1.745835	1.984613	3.814222
TCGA-DH	311	0	2.128332	1.001569	3.963825	1.816184	3.116535	3.502099
TCGA-DB	846	0	2.401196	0.602479	3.762487	1.684625	3.261283	3.889356
TCGA-HT	2231	0	2.526393	1.01454	3.301217	1.512452	3.609665	3.613425
TCGA-DH	237	0	2.727485	1.071863	3.60166	1.681692	2.837455	3.30083
TCGA-HT	184	0	2.604621	1.706237	3.398311	1.496763	2.212986	3.688013
TCGA-DH	244	0	2.266364	0.645106	3.411029	1.491383	3.768685	4.295361
TCGA-DU	788	1	2.055649	1.2441	4.017597	1.377154	3.485938	3.562694
TCGA-HT	446	0	2.831186	0.875536	3.655754	1.033455	3.48063	3.701715
TCGA-P5-	0	0	2.366899	1.156599	3.60372	1.945695	2.873073	3.453052
TCGA-FG	27	0	2.716869	1.370351	3.848953	1.478413	2.341335	3.412222
TCGA-S9-	610	0	1.618514	1.405285	4.286757	1.807937	2.876764	3.72965
TCGA-S9-	331	0	2.063206	1.512138	4.344977	1.283562	2.386178	3.938342
TCGA-HT	98	0	2.306749	0.983737	3.3158	1.729609	3.281857	4.084688
TCGA-DB	448	0	1.40719	1.71112	4.444991	2.158686	2.406124	3.433782
TCGA-DU	3470	1	1.954479	1.120636	3.462918	1.982274	3.452223	3.821332
TCGA-RY	938	0	2.062663	0.854583	3.690006	1.894629	2.992499	4.250426
TCGA-HT	1359	0	2.587367	1.180542	3.667884	2.104656	2.378829	3.2556
TCGA-RY	854	0	2.020148	2.102368	4.458235	0.874936	2.258753	3.789495
TCGA-DU	217	0	2.362588	1.214839	4.25078	1.784472	2.074399	3.588208
TCGA-S9-	2878	0	1.908311	1.171919	3.751406	1.853103	3.180876	3.919907
TCGA-S9-	697	0	2.55478	1.077163	4.120587	1.151321	2.907172	3.756462
TCGA-HT	3	0	0.994262	1.704375	5.263139	1.749433	2.730321	3.460948
TCGA-RY	596	0	2.190915	1.486222	3.593708	1.932	2.57361	3.656403
TCGA-DB	1526	0	2.491467	0.850656	3.726341	1.817791	2.863806	3.763294
TCGA-HT	52	0	3.324875	1.47108	4.253941	0.79871	1.573254	3.468834
TCGA-QH	125	0	2.766772	0.780793	3.896043	1.587134	2.831421	3.560096
TCGA-QH	77	0	1.510128	2.225774	3.738573	2.031484	2.540528	3.514828
TCGA-P5-	5	0	2.640537	0.93007	3.335794	1.971097	3.052522	3.527111
TCGA-WY	1213	0	2.67379	1.818455	4.394669	0.874996	1.362105	3.999919
TCGA-WY	1003	0	1.998815	0.815251	3.786503	2.087376	2.992607	4.088712
TCGA-FG	121	0	2.483689	1.220654	3.347427	2.022882	3.399344	3.022235
TCGA-WF	160	0	2.385359	1.146173	3.947814	1.902172	2.332967	3.660246
TCGA-DU	202	0	3.105502	0.676885	3.413676	1.109821	3.386207	3.911452
TCGA-DB	822	0	1.73251	1.541242	3.156435	1.372363	3.50879	4.818922
TCGA-TM	139	0	1.968481	1.194067	3.510521	2.218178	3.117969	3.723476
TCGA-TQ	1868	0	1.821109	1.177033	4.016142	1.743706	3.058564	4.097661
TCGA-FG	378	0	1.949324	1.415032	4.321981	1.362632	2.779893	3.978167
TCGA-DB	573	0	2.093448	1.211494	3.613075	1.81218	2.803818	4.224909
TCGA-DU	182	0	2.274994	0.951409	4.712703	1.323681	2.554696	3.870834
TCGA-FG	283	0	2.94299	1.017794	3.327169	1.385897	3.314199	3.586618
TCGA-HT	4690	0	2.34236	1.693396	3.347143	1.268813	3.672608	3.489414
TCGA-VM	333	0	1.847463	1.081477	4.115004	1.608143	3.477156	3.912314
TCGA-DU	443	0	2.602191	0.999433	3.870453	1.462625	2.895344	3.787371
TCGA-HT	3283	0	2.172048	0.782597	3.691612	1.756186	3.703382	3.904626
TCGA-FG	103	0	1.748037	1.121701	3.645383	1.947341	3.708518	3.933704
TCGA-FG	215	0	1.959779	1.608795	3.322742	2.03482	3.370025	3.498819

TCGA-FG	868	0	2.408044	1.070956	4.064475	1.826446	2.757382	3.433793
TCGA-QH	144	0	2.39054	1.454549	4.423474	0.979603	3.030506	3.44496
TCGA-HT	7	0	1.793845	1.433306	3.792798	2.00708	3.360251	3.519867
TCGA-HT	286	0	2.594029	1.025247	3.169459	1.723161	3.26008	3.970831
TCGA-P5-	4	0	2.78376	1.418822	3.473154	1.439381	2.996986	3.405936
TCGA-HT	900	0	3.372869	1.701034	4.142935	1.185068	1.548799	2.895416
TCGA-P5-	70	0	1.601339	1.277934	3.862839	1.811742	3.190589	4.411127
TCGA-QH	67	0	2.782862	1.008163	3.973028	1.628229	2.711857	3.401982
TCGA-HT	210	0	3.228815	1.170279	4.030355	1.36686	2.241251	3.179669
TCGA-DU	220	0	2.31178	0.976353	3.955101	1.93224	3.040118	3.558959
TCGA-CS-	1335	1	2.22185	1.020798	3.365531	2.320392	3.339841	3.589993
TCGA-HT	1800	0	2.844587	1.069796	3.500564	1.603937	3.027175	3.609307
TCGA-S9-	249	0	2.260184	1.287879	3.765232	2.033865	3.132922	3.291015
TCGA-HT	1130	0	3.206846	1.57896	3.791368	1.150086	2.367466	3.210183
TCGA-DU	456	1	1.932561	1.397915	2.916963	1.515849	3.640749	4.932735
TCGA-DH	438	0	2.304728	1.632617	3.692136	1.489321	2.838528	3.847474
TCGA-HT	4	0	2.264796	1.786639	3.273053	1.708584	3.324329	3.497618
TCGA-DU	37	1	2.054597	1.138194	3.914633	1.386609	3.41913	4.30388
TCGA-HT	1644	0	2.219297	1.035582	3.359568	2.245189	3.351606	3.731137
TCGA-HW	272	0	2.745464	0.901212	3.385126	1.30237	3.843778	3.887766
TCGA-CS-	857	0	2.854635	1.065316	3.530299	1.337138	3.240883	3.801996
TCGA-TM	287	0	3.230192	1.276867	4.323098	1.49606	1.669211	3.137052
TCGA-QH	237	0	1.691639	1.979672	4.842285	2.041903	1.960128	3.098043
TCGA-P5-	7	0	2.453677	0.767526	4.013557	1.658226	3.139861	3.957298
TCGA-DB	935	0	2.264162	2.066769	4.046756	1.522337	2.688616	3.086959
TCGA-CS-	201	0	2.368574	1.389124	3.385983	1.74445	3.036303	4.007882
TCGA-E1-	1251	1	0.92828	0.911574	3.52303	1.979742	3.684715	5.943835
TCGA-S9-	434	0	3.131667	2.055219	4.549845	0.934772	1.198699	3.237801
TCGA-HT	146	0	2.319895	0.939769	3.239035	1.998861	3.652526	4.025716
TCGA-S9-	2208	0	2.269421	0.972846	3.831571	1.559524	2.915172	4.601239
TCGA-HT	1399	0	2.866062	1.101018	3.104725	1.483877	3.754727	3.704051
TCGA-HT	1189	0	2.866192	1.237417	4.440846	1.245139	2.264215	3.578787
TCGA-DB	1354	0	2.314526	1.603133	3.549016	2.142615	2.878436	3.287207
TCGA-HW	142	0	2.841949	1.500863	4.130352	1.367227	2.182832	3.551783
TCGA-S9-	62	0	2.313926	0.726807	3.891999	2.060671	3.508906	3.629369
TCGA-DH	105	0	1.782512	0.855821	4.016669	2.00986	3.616575	4.154676
TCGA-DB	511	0	2.261854	0.891654	4.708966	1.453668	2.747318	4.064418
TCGA-FG	787	0	2.623817	1.382757	4.262992	1.36745	2.275352	3.884123
TCGA-DU	1886	1	2.318012	1.514108	3.843911	1.444014	2.731869	4.201521
TCGA-TM	1242	1	2.240321	1.478525	4.024348	1.980511	2.821973	3.376896
TCGA-HT	964	0	3.038448	1.254734	3.603895	1.637794	2.613437	3.518977
TCGA-P5-	179	0	1.511124	2.306769	4.090293	2.058193	2.462529	3.597886
TCGA-S9-	396	0	1.914117	2.06144	3.796592	1.639662	2.792467	3.901247
TCGA-DU	108	0	3.256898	1.222056	3.373655	0.870518	2.935679	4.268911
TCGA-P5-	6	0	2.406635	0.874966	4.5451	1.60532	3.582358	3.194922
TCGA-DU	1183	1	2.079608	2.503114	3.66661	1.616777	2.465122	3.550565
TCGA-FG	802	0	2.444594	1.348928	3.433536	1.714343	3.218401	4.011683
TCGA-HT	14	0	3.656959	1.640309	4.178752	0.834364	1.924418	3.107966
TCGA-HW	262	0	2.354021	1.468503	3.374416	1.724229	3.565126	3.760941
TCGA-DU	407	0	2.59677	1.121139	3.368397	1.844839	3.28365	3.92464
TCGA-FG	101	0	2.073814	1.265416	3.288572	1.794004	3.788938	4.302489

TCGA-HW	165	0	2.220695	1.820699	3.910212	1.733744	3.185566	3.211795
TCGA-HW	285	0	2.425863	1.832984	2.98811	1.833216	3.305473	3.703381
TCGA-DH	189	0	2.558336	1.423382	3.741932	1.863829	3.087989	3.324932
TCGA-FG	106	0	3.476857	2.359625	3.969731	1.087606	1.028742	3.162971
TCGA-HT	1752	0	2.138316	1.268868	3.508623	2.074142	3.880252	3.530343
TCGA-DU	2000	1	2.130852	1.185858	3.743729	1.601913	3.659058	4.235171
TCGA-HT	4	0	2.152322	0.956414	4.227455	1.912934	3.515395	3.648064
TCGA-DU	1401	1	2.303413	1.02239	4.021069	1.63257	3.281734	4.145844
TCGA-FG	190	0	2.590873	1.194634	3.959582	1.880564	2.70328	3.705223
TCGA-DU	648	1	2.928456	1.871326	4.081891	1.198738	2.851377	2.921952
TCGA-P5	23	0	2.913681	1.47871	4.148771	1.833242	1.549275	3.674094
TCGA-S9	5000	0	2.551948	1.734904	3.374532	1.259682	2.587644	4.705044
TCGA-HT	96	1	2.899286	1.63714	4.121777	1.492622	2.405986	3.249732
TCGA-HT	118	0	3.102878	0.800512	3.705786	0.910325	3.770468	4.124842
TCGA-DU	933	1	2.946776	1.04414	3.776954	0.864061	3.0707	4.646754
TCGA-R8	993	0	1.99175	1.610545	4.26834	1.440329	2.865498	4.287317
TCGA-DB	2977	0	2.785957	1.635429	4.045116	1.560581	2.359998	3.516869
TCGA-P5	204	0	3.132198	0.848389	3.077757	1.750831	3.338245	4.03388
TCGA-TQ	599	0	2.258415	1.183621	3.796785	2.019946	3.094549	4.026002
TCGA-FG	70	0	2.813917	1.576604	2.768007	1.58429	3.349273	4.193879
TCGA-DH	1650	0	2.398395	0.834033	4.33195	1.431556	2.776716	4.726786
TCGA-HT	426	0	2.764842	2.161705	3.952598	1.569157	1.699171	3.586212
TCGA-P5	8	0	1.959044	1.988682	4.577802	2.135128	2.482173	2.963252
TCGA-DB	415	0	2.766698	1.301487	3.899737	1.128656	2.516661	4.693761
TCGA-DU	121	0	3.173432	1.345164	4.073718	1.367327	2.542208	3.488649
TCGA-HW	409	0	3.53124	1.091097	3.729981	1.342042	2.708874	3.545795
TCGA-FG	199	0	1.957356	2.370939	3.368787	1.859972	2.935388	3.933907
TCGA-CS	230	0	3.299258	1.072373	3.356637	1.39607	3.697295	3.474888
TCGA-S9	247	0	2.714529	0.952046	4.198079	1.316729	3.170425	4.15664
TCGA-P5	6	0	2.458712	1.349381	3.682771	1.682262	3.431805	3.926764
TCGA-TM	1544	0	2.26238	1.762572	3.927872	2.416256	2.638482	3.128673
TCGA-HT	90	0	2.439013	1.87881	3.588907	1.825042	2.635718	3.897768
TCGA-FG	361	0	3.467065	2.13658	4.012979	1.026297	0.993392	3.935283
TCGA-CS	546	0	2.150741	1.904916	3.830088	2.143484	3.039499	3.32994
TCGA-E1	4412	1	2.845392	1.169612	3.747186	1.79429	2.764251	4.00559
TCGA-DU	73	0	2.26538	1.367327	3.78437	1.651031	3.708757	4.033117
TCGA-DB	915	0	2.688308	1.550881	3.961907	1.599497	2.676979	3.874113
TCGA-TM	1045	0	3.022512	0.927485	4.178283	1.711665	2.276248	4.133393
TCGA-TQ	486	0	2.027061	1.387802	3.915411	2.467024	3.271277	3.568625
TCGA-DU	547	1	1.168926	1.823909	4.621518	1.498614	2.509673	5.519157
TCGA-S9	2649	0	1.916375	2.029094	3.816379	2.134801	3.138708	3.590809
TCGA-DB	335	0	2.769015	1.938921	3.878816	1.388878	2.335203	3.974637
TCGA-E1	2052	1	2.374957	1.908934	4.123415	1.852602	3.080098	3.099972
TCGA-DH	901	0	2.36198	1.322705	3.569403	2.031514	3.035797	4.341987
TCGA-P5	72	0	2.66141	1.728497	4.402075	1.859663	2.485238	3.061924
TCGA-VM	411	0	2.268712	2.738996	4.500095	1.841881	2.059533	2.635593
TCGA-DH	479	0	1.728242	1.319465	4.049227	2.09301	3.195194	4.600763
TCGA-DU	1351	1	3.358996	1.809464	4.212794	1.438899	1.666693	3.334159
TCGA-VM	294	0	1.376409	2.720917	4.156017	2.481343	2.620975	3.172445
TCGA-DU	1277	0	2.515186	1.114768	4.2226	1.217947	3.518774	4.329112
TCGA-DU	576	0	2.854193	1.402439	3.534395	1.305863	3.521292	4.09444

TCGA-S9-	300	0	2.54226	1.65057	4.166821	1.387328	2.850203	4.007528
TCGA-CS-	481	0	1.78414	0.792005	3.631747	1.568998	4.325498	5.49171
TCGA-HT	3	0	2.259198	1.336864	4.687206	1.753614	2.24237	4.342223
TCGA-DB	573	0	2.177556	2.102951	4.147619	2.404886	2.147048	3.315895
TCGA-TQ	795	0	2.430314	2.085753	3.443355	1.84753	2.955013	3.856706
TCGA-HT	343	0	3.410742	1.36339	3.188148	1.732677	3.410707	3.297637
TCGA-FG-	1329	0	2.678619	1.839267	3.777669	1.787491	2.68996	3.715192
TCGA-WY	1147	0	2.018817	1.798052	4.025559	2.361411	2.661868	3.811764
TCGA-HW	17	0	2.049258	1.843257	3.903243	1.655669	3.489922	4.131421
TCGA-DU	68	0	3.167378	1.051991	2.850672	1.878616	3.644763	4.172905
TCGA-VV	214	0	1.365912	1.685273	3.727818	2.341646	3.539976	4.710328
TCGA-FG-	294	0	1.673815	2.04055	4.104635	2.022118	3.275503	3.966435
TCGA-DU	709	1	2.750114	1.832337	3.740345	1.514459	3.319096	3.59239
TCGA-DB	1614	0	2.379785	1.750273	4.02197	1.411764	3.453083	3.992043
TCGA-S9-	128	0	2.150374	1.93854	4.656655	1.85187	2.925401	3.239706
TCGA-DU	1834	0	2.705001	1.717125	3.769358	1.145288	3.129318	4.451421
TCGA-FG-	202	0	2.518193	1.51498	3.389038	2.186614	3.214359	3.997395
TCGA-DB	1809	0	1.68358	1.518145	4.301868	2.386967	3.200232	4.02974
TCGA-HT	74	0	1.989428	2.938101	3.94821	2.523271	2.170323	2.774765
TCGA-TM	575	0	2.490255	1.335422	3.564743	2.033598	3.619227	3.956049
TCGA-FG-	979	0	2.246667	1.937497	3.371105	1.902025	3.843976	3.765634
TCGA-DB	196	0	2.127055	2.360686	3.719457	1.623026	3.069137	4.043851
TCGA-S9-	383	0	2.785558	1.465534	4.099411	2.070056	2.928903	3.292456
TCGA-TQ	914	0	2.042966	2.644623	4.712133	1.931438	1.963108	3.234785
TCGA-HT	125	0	2.145404	1.22111	4.343752	2.362961	3.657031	3.349188
TCGA-HT	298	0	2.638843	1.27922	3.196387	2.371424	3.691347	3.813163
TCGA-E1-	4084	1	3.092103	1.33149	3.610341	1.300256	3.574422	4.095085
TCGA-S9-	2546	0	1.619219	2.962514	4.366966	1.867507	2.899776	3.253181
TCGA-DH	117	0	2.417972	2.178873	3.805294	1.547717	3.145855	3.876321
TCGA-TM	502	0	3.040436	1.137327	3.920126	1.595153	2.901628	4.281342
TCGA-S9-	961	1	1.668171	1.891299	3.796424	1.902629	3.846095	4.415184
TCGA-TQ	1229	0	2.411025	1.553159	3.900065	2.019542	3.259106	3.897958
TCGA-DU	6423	0	1.901153	2.746021	3.689177	1.565714	2.912595	4.400323
TCGA-HT	1933	1	2.402582	1.336911	3.764267	2.345015	3.326205	3.980505
TCGA-E1-	2433	1	3.075012	1.076857	3.770728	1.641964	3.844882	3.781921
TCGA-IK-	578	1	2.458209	1.375029	4.234421	1.552295	3.322169	4.505658
TCGA-VV	706	0	2.768927	1.18633	4.75991	1.042206	3.129594	4.530925
TCGA-DB	182	0	1.905629	2.242932	3.643666	2.459303	2.684775	4.305316
TCGA-P5-	39	0	1.728985	1.531947	5.494422	2.886044	3.468471	2.167592
TCGA-S9-	860	0	3.50728	1.565555	4.448486	1.315362	2.606704	3.336103
TCGA-DU	800	0	2.489945	1.600224	3.82011	1.968466	3.475249	4.050552
TCGA-FG-	698	0	2.131216	1.947077	4.330518	2.006313	2.980489	3.966584
TCGA-E1-	1762	1	3.008175	1.628531	3.551302	1.479212	3.749493	3.937841
TCGA-HT	1540	0	2.277043	1.249388	4.410919	1.961841	3.519455	4.195071
TCGA-TM	1011	1	2.943174	0.946846	3.970731	1.82782	3.248929	4.448735
TCGA-S9-	658	0	3.198012	1.504793	3.303649	1.796665	3.818684	3.64912
TCGA-E1-	984	1	2.92615	2.164567	3.788572	1.694085	3.212138	3.342306
TCGA-CS-	258	0	2.354381	1.580547	3.051491	1.662194	4.262331	5.035722
TCGA-E1-	23	1	3.188196	2.233624	3.611683	1.665406	2.94041	3.31649
TCGA-QH	2	0	3.203822	0.800864	4.371083	1.778089	3.549394	3.626965
TCGA-E1-	4445	1	3.312452	2.296184	5.135622	1.353195	0.95327	3.410339

TCGA-E1-	2282	1	3.05821	1.99501	3.668027	1.438552	3.352105	3.759648
TCGA-E1-	2235	1	2.738771	2.591888	4.390964	1.593264	2.338073	3.337825
TCGA-TQ	954	1	2.663591	1.347814	3.876906	1.935545	3.516933	4.259863
TCGA-DB	1458	0	3.116654	1.876161	3.445434	1.684379	3.341774	3.835244
TCGA-E1-	2907	1	2.914839	1.265469	4.271918	1.731963	3.385597	3.959027
TCGA-DU	172	0	2.380699	1.539888	3.992179	2.422014	2.889493	4.291479
TCGA-DU	2369	0	2.288624	1.534183	3.865266	2.855038	3.471737	3.586015
TCGA-FN-	4	0	3.049675	1.914045	3.356985	1.882584	3.679776	3.611833
TCGA-DB	840	0	2.185148	2.744717	3.502348	1.9467	3.256627	4.043842
TCGA-HT	118	0	2.936982	2.01636	3.641758	2.113655	3.582241	3.136109
TCGA-DU	3787	0	2.074528	2.993587	3.773402	2.046036	2.821225	3.850291
TCGA-VM	915	0	0.863895	4.169997	5.525336	2.555942	1.675458	2.524505
TCGA-DU	383	0	1.699408	2.753672	4.562493	3.022227	2.38577	2.981493
TCGA-TM	738	0	3.37768	1.464057	3.809837	2.079814	3.211788	3.518295
TCGA-DU	682	1	2.942127	0.934062	5.047493	1.131241	3.729862	4.365141
TCGA-TQ	1116	0	2.860257	0.965061	3.664465	1.521	4.177897	5.216656
TCGA-HT	533	0	2.512025	1.836397	3.574212	2.452817	3.68712	3.992262
TCGA-S9-	1891	1	3.078018	1.519909	4.393036	1.92608	3.136111	3.765468
TCGA-RY	301	0	1.65333	2.023924	4.386607	2.978897	2.81204	4.270046
TCGA-TM	589	0	2.08243	2.360483	4.158572	2.081555	2.626432	4.769923
TCGA-FG-	547	0	1.433097	2.134323	4.788895	2.622454	3.215538	4.174346
TCGA-HT	180	0	3.447029	1.938934	3.554781	1.358504	3.011309	4.5523
TCGA-DB	387	0	3.123828	1.127174	3.336628	2.341684	3.532068	4.651188
TCGA-DB	225	0	3.190173	1.837228	4.781368	1.799492	3.008563	3.128229
TCGA-HT	15	0	3.38794	1.002726	3.347481	2.804387	3.464394	3.840045
TCGA-TQ	650	0	2.077368	1.28399	4.947373	2.133528	3.618038	4.498524
TCGA-HT	292	0	3.083856	2.464208	3.308581	2.3616	3.765002	2.845805
TCGA-DU	207	0	2.092541	1.618268	5.3866	1.613042	3.688819	4.235282
TCGA-HT	503	0	2.622302	2.069153	3.931144	2.463596	3.916877	3.167397
TCGA-DU	257	0	2.972	1.064906	4.514635	2.632294	3.476737	3.409652
TCGA-HT	320	0	2.887328	2.375761	3.757691	2.750079	2.624788	3.293484
TCGA-HT	94	0	1.682924	2.754155	4.5276	2.457318	3.399168	3.575438
TCGA-HT	738	0	1.916073	2.225945	2.646935	1.998169	3.853896	6.336802
TCGA-TM	365	0	3.350147	0.754361	3.315197	2.905733	2.856414	4.937848
TCGA-FG-	467	0	2.781218	1.521511	4.072098	2.358286	3.802853	3.976095
TCGA-TM	532	0	1.77875	3.854632	4.360023	1.075955	2.99675	4.618266
TCGA-DU	1585	1	3.502096	1.36495	3.691579	1.63659	3.806368	4.476509
TCGA-DU	576	1	3.242222	0.808206	3.393743	2.125808	4.160871	5.017316
TCGA-E1-	1525	1	2.396965	2.450835	4.101011	2.29109	3.151646	4.045666
TCGA-DH	922	0	1.799486	1.960811	3.565151	3.134223	3.587518	4.769676
TCGA-HT	225	0	1.835606	2.03772	3.900875	3.04208	3.098524	4.765576
TCGA-DU	4068	1	3.18571	1.987468	3.749577	2.360717	3.178655	3.837035
TCGA-TQ	821	1	2.11091	2.036483	4.976937	2.211889	3.746046	3.817131
TCGA-HT	4	0	2.260613	4.356191	3.811467	1.906841	2.452911	3.425508
TCGA-HT	199	0	2.443708	4.388994	3.257881	2.035687	2.428549	3.606917
TCGA-DB	116	0	2.010487	3.464206	5.332571	1.880743	2.545068	3.262285
TCGA-S9-	241	1	1.840564	1.713127	4.564686	1.603522	3.602336	6.379389
TCGA-FG-	226	0	2.093021	1.52671	4.281403	2.299287	3.658646	5.578156
TCGA-S9-	569	0	3.456154	1.862216	3.362775	2.001435	3.60953	4.502181
TCGA-CS-	639	1	3.896069	1.110764	2.97481	3.225665	3.182538	4.154556
TCGA-HW	240	0	3.121388	1.688967	4.784383	2.779013	3.162212	3.155793

TCGA-VV	823	0	2.761479	1.967705	4.423031	2.253798	3.198686	4.465163
TCGA-FG	221	0	2.555948	2.65095	4.18443	2.784183	2.893585	3.779386
TCGA-HT	654	0	2.616025	3.827636	4.426423	2.192049	2.096552	3.41171
TCGA-CS	303	0	3.164544	2.011282	4.399418	2.204749	3.109541	4.080191
TCGA-DU	605	1	3.07356	1.342418	3.899392	2.714771	3.913603	4.316696
TCGA-DU	2286	1	2.125157	2.828237	3.920358	2.247802	3.948038	4.462217
TCGA-E1	1120	1	3.349554	2.614478	3.706965	1.991508	3.36449	3.915492
TCGA-FG	174	0	3.490336	1.616915	4.522344	2.709664	3.06317	3.362245
TCGA-S9	283	0	2.629949	1.716353	3.506603	3.620093	3.311973	4.45894
TCGA-HT	162	0	2.38072	3.518692	4.386613	2.757348	2.176671	3.633021
TCGA-HW	201	0	2.247625	3.238744	4.486051	1.725388	3.705653	4.220793
TCGA-E1	3978	1	3.29357	1.215956	3.914528	2.290489	4.224732	4.672221
TCGA-DU	242	1	3.741499	1.625388	4.02557	2.901139	2.781793	3.711557
TCGA-E1	987	1	2.434273	3.303767	4.005047	1.814097	3.37777	4.625068
TCGA-HT	3	0	2.661485	3.75996	3.854287	2.423339	2.186028	4.084438
TCGA-E1	466	1	3.571965	2.272889	3.944582	1.539313	3.405589	4.635106
TCGA-P5	6	0	2.790504	3.730404	3.740309	2.379003	2.835292	3.661543
TCGA-P5	232	0	3.200946	2.174523	4.583904	2.00486	2.952332	4.488582
TCGA-E1	378	1	2.359677	2.373256	5.384121	3.035527	3.015127	3.258134
TCGA-E1	2835	1	2.681044	3.202631	4.450851	2.619676	2.702981	3.562294
TCGA-S9	285	0	1.576313	1.84394	4.60508	2.54033	3.870646	6.062947
TCGA-HT	526	0	3.229045	1.035896	4.023469	2.780696	3.498737	5.191375
TCGA-HT	3	0	1.868791	4.170846	4.341308	2.90485	2.942687	3.254626
TCGA-S9	152	0	1.88027	2.959751	4.691517	2.458602	3.314326	4.734462
TCGA-HT	23	0	2.965626	3.886468	3.482021	2.877244	3.287902	2.738033
TCGA-S9	275	0	2.157093	2.494225	7.080669	2.505936	2.65396	2.775878
TCGA-S9	316	1	2.16728	3.889573	4.343852	2.658755	2.815924	3.816643
TCGA-E1	111	1	2.345362	0.990674	5.135296	2.043712	4.201723	6.100228
TCGA-DU	354	1	2.447308	2.530365	4.130444	2.56949	3.706418	4.962829
TCGA-QH	153	0	3.747234	3.094544	4.494079	2.514315	1.736847	3.507445
TCGA-DU	371	0	3.95795	1.605849	3.959716	3.395113	2.310333	4.106563
TCGA-DH	919	1	2.214337	2.463701	5.088722	2.234994	3.349453	5.179222
TCGA-CS	194	1	3.869379	1.963217	4.00251	2.835214	3.437879	3.613592
TCGA-DH	607	1	2.267752	2.040584	4.05519	2.771988	3.721093	5.906607
TCGA-HT	1300	0	2.036369	4.714368	4.330757	2.41102	2.921065	3.602851
TCGA-HT	478	0	3.486802	1.930202	3.924322	3.508445	3.648333	3.406385
TCGA-DU	347	1	4.054276	3.294415	3.708703	2.64316	1.730661	3.858392
TCGA-DU	722	1	4.298104	2.293596	4.130901	2.429704	3.222368	3.334257
TCGA-QH	127	0	4.44085	3.965331	3.951116	1.69652	2.295977	2.908202
TCGA-HT	372	0	3.234125	2.017468	3.970169	3.540455	3.442973	3.958654
TCGA-S9	597	0	3.140634	2.786908	4.117936	3.183087	2.994988	4.197313
TCGA-HT	7	0	2.605621	3.454201	4.792813	3.449073	2.58314	3.62774
TCGA-TM	1504	0	3.778833	1.66683	3.461239	3.795243	3.055193	4.82383
TCGA-CS	538	1	5.463791	1.898703	3.198253	2.085787	3.154039	4.372886
TCGA-HT	7	0	2.044259	3.698615	5.256593	2.83804	3.718276	3.845652
TCGA-P5	50	0	3.508488	2.855064	5.453086	2.785374	2.974542	3.280241
TCGA-HT	7	1	2.42772	4.056831	5.538123	1.713025	3.610104	4.405171
TCGA-E1	648	1	4.228473	3.243852	4.318427	2.562103	2.706085	3.643745
TCGA-DU	111	0	2.205657	4.938	5.164556	3.183997	1.852377	3.622202
TCGA-HT	143	0	2.916903	4.303922	4.063053	3.069718	3.07229	3.727021
TCGA-DU	205	1	3.151113	3.514816	4.112512	2.469156	3.770039	4.554331

TCGA-P5-	5	0	2.719462	5.459428	4.034739	2.699854	2.173798	3.856579
TCGA-HT	491	0	3.051573	4.770206	4.436332	2.531337	2.519054	3.703782
TCGA-VM	240	1	4.098677	3.137213	5.398578	2.265897	2.900446	3.320525
TCGA-FG-	328	0	3.471871	3.890564	4.310405	2.796413	2.499604	4.238136
TCGA-HT	103	0	2.058493	4.316814	4.899274	2.152007	2.769388	5.9782
TCGA-FG-	322	0	1.681744	7.280864	4.601543	2.732883	1.236479	3.557738
TCGA-HT	447	0	2.817018	3.472104	4.230407	3.738776	3.109084	4.569151
TCGA-S9-	571	0	2.080038	5.498145	5.312349	2.914421	2.500911	3.651548
TCGA-HT	162	1	4.475164	2.516016	4.213685	3.230272	3.414521	3.849375
TCGA-DU	433	0	2.698164	5.340643	3.680824	2.454797	3.328063	4.84964
TCGA-DU	512	1	3.549902	2.606978	4.240019	3.003828	3.665174	5.479722
TCGA-VM	245	1	3.442515	3.091676	5.146436	3.170498	2.723336	4.602657
TCGA-S9-	498	0	2.108133	5.12252	4.611437	3.844385	3.000555	3.569719
TCGA-FG-	160	0	1.554504	6.604529	4.039563	2.897119	2.542101	4.980103
TCGA-HT	469	0	3.311052	2.821614	4.767545	3.07907	3.730341	5.122437
TCGA-E1-	886	1	2.429024	4.722677	4.677854	2.896359	3.562988	4.546493
TCGA-DU	269	1	3.887371	3.935293	3.237503	3.414974	3.566919	4.335432
TCGA-S9-	2549	0	1.872849	5.156199	5.277866	3.924753	2.900687	3.478947
TCGA-E1-	398	1	4.93422	4.461839	4.350557	2.135769	2.335727	3.562696
TCGA-CS-	234	1	3.602762	5.602942	3.82263	2.57164	2.869655	3.96551
TCGA-S9-	2146	0	2.584719	7.146827	4.413458	2.263227	2.915026	3.8264
TCGA-DU	548	0	3.852195	3.725067	3.773834	3.95993	4.199802	4.284113
TCGA-DU	199	1	3.833074	5.183619	4.068166	3.463647	3.646057	3.224968
TCGA-DU	1915	1	2.25136	7.878628	3.728019	2.775952	3.660058	3.69974
TCGA-DU	151	0	2.415288	5.893729	4.941307	3.701989	2.4227	4.729437
TCGA-P5-	0	0	1.907044	7.140943	4.893401	3.956909	2.689358	3.633772
TCGA-DU	155	1	2.703492	7.041414	4.438612	2.832578	3.340654	4.01637
TCGA-DU	228	1	3.272108	4.697357	4.934181	3.887131	3.488521	4.547018
TCGA-E1-	727	1	2.997252	7.032453	5.52513	2.648403	3.220216	3.19885
TCGA-CS-	725	0	3.590025	5.500285	4.806108	3.237532	3.413505	4.275785
TCGA-S9-	178	1	2.313568	6.818782	5.320146	3.231571	4.013788	3.857841
TCGA-DU	814	1	2.880171	6.552606	4.597105	3.621055	3.45964	4.26123
TCGA-E1-	435	1	3.913418	4.336492	4.895923	4.147106	3.11842	4.933474
TCGA-DU	315	1	2.760133	7.631328	3.761371	2.989147	4.008737	4.619178
TCGA-E1-	592	1	3.953263	5.272489	4.820009	2.942275	3.753025	5.017171
TCGA-DU	17	0	3.055029	6.285944	4.31857	3.332038	3.769325	5.341439
TCGA-E1-	492	1	3.552443	6.186205	4.477962	3.784279	3.237404	4.519198
TCGA-HT	488	0	2.688353	8.588161	4.44807	3.75385	3.33857	3.053753
TCGA-HT	238	0	5.340047	4.495719	3.167674	4.082792	4.347682	4.462149
TCGA-DU	349	1	3.695684	6.108751	5.031408	3.778792	4.381678	4.139966
TCGA-FG-	126	0	3.330605	8.989026	3.815876	3.435119	2.891793	4.741273
TCGA-KT	144	0	4.614684	4.652559	4.868136	3.822828	3.660918	6.260168
TCGA-QH	90	0	2.649266	8.902189	4.704237	4.059647	2.597426	4.618992
TCGA-HT	52	0	3.632978	9.417016	4.925478	3.066844	3.200442	3.124308
TCGA-DU	214	1	3.096123	8.382464	5.612969	3.486975	3.652081	4.673693
TCGA-DU	185	0	2.927923	8.048543	4.296362	4.381694	4.652331	5.246811
TCGA-FG-	18	0	3.81749	9.227525	4.502559	3.415897	3.354489	4.879898
TCGA-TM	459	0	3.412194	10.93633	5.500909	2.911296	3.071367	3.086832
TCGA-E1-	1578	1	3.748363	10.29883	4.606572	3.560873	3.708872	3.972167

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109.7852 high
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111.1831 high
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112.4141 high
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112.7225 high
112.9439 high
113.2061 high
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114.3187 high
114.4663 high
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117.7718 high
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118.1954 high
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147.0297 high
147.7383 high
148.5614 high
149.4296 high
150.9928 high
151.4041 high
155.9225 high
159.0717 high
160.3108 high
160.4365 high
161.4223 high
166.5084 high
168.3719 high
170.4959 high
170.7429 high
175.3221 high

Supplementary Table S5: The expression levels of the 6 FPRGs and riskScore calculation in CGGA cohort

id	futime	fustat	ARNTL	NNMT	G6PD	CASP6	SP1	ELAVL1	riskScore
CGGA_25	158	0	1.749649	1.900703	3.967522	1.83017	3.052789	3.223243	86.6009
CGGA_25	165	0	1.842717	0.438326	3.728935	1.704185	3.308118	3.811972	79.85537
CGGA_16	183	0	0.890325	4.526034	3.908583	1.02047	1.628663	3.773982	87.81622
CGGA_14	308	0	0.820451	0.24159	2.341533	0.432519	2.059933	2.060364	41.64019
CGGA_14	333	0	1.077398	0.154523	2.554048	0.895247	2.780309	2.357671	51.53045
CGGA_13	360	0	2.430846	1.409591	3.825104	1.890107	2.041629	3.530249	85.65302
CGGA_P4	430	0	2.581568	-0.30873	4.309859	1.156122	3.279235	4.202961	82.25725
CGGA_P3	437	0	2.404262	0.194869	4.205137	1.075431	3.53355	4.613108	85.95136
CGGA_89	448	0	2.008299	0.899141	3.37756	1.299747	2.897612	3.389655	75.80964
CGGA_15	480	0	0.698886	3.929225	4.252936	0.723305	1.579705	3.65394	81.84723
CGGA_P3	506	0	2.125269	1.627059	3.702507	1.383336	2.513528	4.368583	86.67415
CGGA_83	517	0	1.925803	0.850436	3.589114	2.251952	2.499709	3.762884	82.27023
CGGA_27	529	0	1.775858	0.685825	3.787872	1.579191	3.161738	3.207515	76.95896
CGGA_79	559	0	2.539908	1.265578	3.823313	1.330201	2.796374	3.960753	87.11812
CGGA_P2	658	0	2.584634	-0.22759	4.040066	1.953968	2.863844	4.098326	84.2035
CGGA_10	701	0	2.542545	1.418374	3.442854	1.716857	2.820706	3.888614	88.22132
CGGA_23	706	0	3.167803	0.711515	3.956952	0.349971	3.596863	4.573532	89.0886
CGGA_P2	710	0	0.76129	-0.02166	2.381314	0.731328	2.941233	2.060364	45.25772
CGGA_65	730	0	2.872129	1.74363	4.105487	1.080335	1.123987	2.383765	78.3128
CGGA_P2	733	0	1.542884	3.327162	2.598571	0.432519	3.158654	2.373982	73.88865
CGGA_10	780	0	1.880894	2.97244	4.015876	1.075431	1.621807	3.393336	84.74538
CGGA_P1	803	0	0.981461	0.060775	2.709372	0.56866	2.601163	2.489827	48.87966
CGGA_P1	818	0	0.956158	-0.25023	2.00681	0.512233	2.276472	2.165769	39.63642
CGGA_18	842	0	1.748561	2.562123	4.08968	1.257461	2.191925	3.941937	87.65946
CGGA_P1	844	0	0.753674	-0.26171	2.268047	0.874195	2.195919	1.986449	40.59215
CGGA_D4	856	0	2.405731	1.400812	3.813801	0.617334	3.153479	3.692646	82.52183
CGGA_18	902	0	2.671524	1.187899	4.233664	1.087303	2.677023	3.875346	87.45852
CGGA_16	927	0	2.049492	1.455724	3.462959	2.271425	2.627944	3.645983	86.40565
CGGA_18	934	0	2.487231	0.976952	3.794675	1.671037	2.870165	3.785603	86.39361
CGGA_P1	959	0	1.754922	3.809873	2.778316	0.577806	2.816293	2.253679	78.48719
CGGA_13	964	0	1.160544	1.834664	3.401444	1.116469	1.989589	3.534235	71.15034
CGGA_P1	983	0	2.872476	0.1627	3.931495	1.39703	3.598602	4.344881	88.85866
CGGA_88	1011	0	2.8301	1.49471	4.167023	1.226393	2.489676	3.370111	87.95148
CGGA_P8	1030	0	2.320574	0.226214	4.001503	2.163065	3.070415	4.138409	87.18748
CGGA_16	1047	0	0.834773	3.716044	4.054413	0.324615	1.392111	4.014732	78.85427
CGGA_P2	1195	0	2.580033	0.787124	4.107576	1.589177	2.809639	3.79098	86.89525
CGGA_16	1205	0	1.105794	4.217749	2.687769	1.282737	2.601163	2.373982	79.78363
CGGA_16	1209	0	2.444773	1.030196	4.115021	1.850673	2.40166	3.751914	87.24874
CGGA_P1	1211	0	2.784802	0.233927	3.773028	1.81624	3.366647	4.180537	88.71189
CGGA_17	1225	0	1.262729	-0.16209	2.027554	0.432519	2.280158	1.967068	41.20705
CGGA_17	1248	0	2.567674	1.009991	3.760733	1.360153	2.595724	3.692785	83.48359
CGGA_85	1297	0	1.542879	0.621795	3.618985	1.494052	2.561898	3.775727	73.55444
CGGA_25	1299	0	2.255821	1.793589	3.708868	1.216676	2.334234	3.007127	80.49416
CGGA_17	1360	0	1.886559	1.867426	3.937558	1.847584	2.486656	3.830027	87.95491
CGGA_60	1389	0	2.313509	0.775812	2.867047	1.442598	3.517326	3.648315	79.21388

CGGA_P3	1399	0	0.827634	-0.08986	1.811544	0.278518	2.134356	1.604307	33.84704
CGGA_15	1406	0	1.627536	2.050941	3.996841	1.767599	2.238881	3.707071	85.35131
CGGA_16	1407	0	1.911707	1.984849	4.096309	1.383336	2.041629	3.467371	83.26056
CGGA_16	1427	0	3.037072	1.009991	4.232422	1.702948	2.385139	3.270003	88.9942
CGGA_16	1442	0	1.467871	3.287345	4.175809	1.226393	1.505559	3.501885	85.4548
CGGA_16	1493	0	2.436089	2.128417	3.871197	1.660204	1.994427	3.538205	88.83237
CGGA_16	1505	0	1.133498	2.305842	3.836668	0.988788	1.88247	3.871119	76.64779
CGGA_16	1513	0	1.329165	1.809501	3.685156	1.093194	1.93484	3.597774	73.77571
CGGA_16	1521	0	1.5505	3.542661	4.313699	0.747211	1.535847	3.32318	84.66401
CGGA_16	1563	0	2.037183	2.832141	4.099137	1.19986	2.082373	3.326871	87.8748
CGGA_16	1607	0	2.596811	0.502072	3.914218	2.104892	2.911361	3.737462	87.62155
CGGA_16	1611	0	2.246833	2.557537	3.982727	1.156122	2.02769	3.328098	86.61448
CGGA_15	1716	0	1.748561	2.115291	3.83969	1.336504	2.452853	4.131389	85.94509
CGGA_15	1793	0	2.413192	0.464457	4.044043	2.067015	2.689567	3.689394	85.32658
CGGA_15	1826	0	2.965987	0.12966	3.961461	1.754281	2.778018	3.673986	85.28238
CGGA_15	1826	0	2.349159	0.782224	4.026023	2.087368	3.020628	3.800888	88.7394
CGGA_15	1827	0	2.52977	0.55049	4.19402	1.844487	2.533965	3.627163	85.23361
CGGA_14	1888	0	1.34291	2.700492	4.224102	1.369482	1.775159	3.627163	83.69477
CGGA_14	1922	0	0.820451	-0.28499	2.265324	0.473052	2.254079	2.078007	39.05163
CGGA_14	1946	0	1.018391	-0.33293	2.191923	0.622501	2.677023	2.16976	42.97052
CGGA_14	1955	0	1.396292	-0.22759	2.047895	0.723305	2.507615	1.986449	44.80379
CGGA_14	1955	0	1.558065	-0.20537	2.625947	1.415042	3.507506	3.272602	63.96483
CGGA_14	1983	0	1.186962	-0.2968	1.848764	0.278518	2.430762	2.051423	38.82818
CGGA_14	2033	0	1.071633	3.690849	4.339069	0.690655	1.960079	4.038839	86.84231
CGGA_13	2058	0	1.054161	1.737512	4.135225	1.063437	1.914204	3.704565	73.94217
CGGA_13	2085	0	1.645133	-0.33293	2.592611	0.492806	3.033298	2.498417	52.15096
CGGA_13	2092	0	2.783518	0.1128	3.823265	1.467483	3.323848	4.280911	86.29536
CGGA_13	2107	0	2.159123	-0.13061	2.428998	0.922741	3.291975	2.504102	60.26625
CGGA_13	2149	0	1.669323	3.043944	3.958234	1.596858	1.924573	3.5694	88.65895
CGGA_13	2152	0	1.641636	-0.21643	3.018617	1.02047	3.411547	2.853489	61.80199
CGGA_13	2168	0	1.729263	0.146292	2.781646	0.778347	3.449776	2.787758	61.73535
CGGA_11	2349	0	0.783837	-0.20537	2.294889	0.411716	2.385139	1.869404	38.58735
CGGA_63	2386	0	2.024236	0.701306	4.154609	1.641489	2.976856	3.907532	83.94267
CGGA_12	2421	0	2.041954	1.333622	2.25261	1.928763	2.115896	3.007127	71.5944
CGGA_12	2429	0	2.682522	1.130858	3.495394	1.080335	1.566968	2.636551	72.66078
CGGA_48	2437	0	1.705687	1.296992	3.204847	1.208515	3.132666	3.597989	76.40526
CGGA_12	2491	0	2.238899	0.457376	3.01162	1.400101	2.774412	3.23286	72.17427
CGGA_J1	2507	0	2.682522	1.728653	4.208661	0.925124	1.694522	2.940242	81.31685
CGGA_11	2519	0	1.310575	0.146292	2.501035	1.039077	3.60698	2.613945	58.47058
CGGA_11	2533	0	1.301165	1.429989	3.830597	1.302574	2.625296	3.563626	75.97447
CGGA_11	2547	0	1.886559	2.557537	4.121953	1.262559	2.018293	3.294417	85.1141
CGGA_11	2560	0	1.994307	0.544541	3.675313	1.336504	2.747781	3.73827	76.40134
CGGA_11	2596	0	1.584155	0.385566	3.351603	0.442784	3.808551	3.058952	65.88159
CGGA_11	2602	0	2.611047	1.098311	3.152616	1.926251	2.674854	3.977357	86.29853
CGGA_11	2602	0	2.801822	0.317103	3.07072	2.206936	3.637478	3.916927	87.83367
CGGA_J0	2775	0	2.597895	0.047512	3.661883	1.704185	3.101703	3.449734	80.23908
CGGA_J0	2801	0	2.274206	1.002908	3.432149	1.769922	2.542692	3.953236	83.0208

CGGA_10	2829	0	2.715736	0.599659	3.919476	1.428568	2.719193	3.369595	82.32359
CGGA_10	2964	0	1.869485	1.93737	3.122497	1.490677	1.513328	2.575868	71.56568
CGGA_24	2977	0	2.008299	0.182041	2.98804	0.746023	3.051331	3.215999	65.43062
CGGA_10	3040	0	2.108825	0.125055	3.576164	0.822425	3.165853	3.638547	72.04716
CGGA_D1	3057	0	1.631857	2.169423	3.895895	1.45995	1.884412	3.307022	80.26246
CGGA_D2	3085	0	2.596573	1.18319	3.41216	1.337717	2.933778	3.412807	82.77218
CGGA_10	3087	0	2.721457	0.757429	3.473297	1.853754	3.007805	3.631677	86.02816
CGGA_D3	3171	0	1.559478	0.020494	3.795593	1.132952	2.556158	3.527823	67.38065
CGGA_D4	3197	0	2.735057	0.530654	3.534555	1.487295	3.180863	3.650263	83.50245
CGGA_10	3286	0	2.557691	0.859442	3.70584	1.322646	2.563808	3.244817	79.6649
CGGA_87	3340	0	2.134714	0.610779	3.575081	1.616884	3.233103	3.286112	78.95774
CGGA_85	3359	0	2.698612	1.243081	3.846884	1.248877	2.642247	3.163307	83.38678
CGGA_84	3380	0	2.142025	0.056383	3.494263	1.150082	3.346977	3.760122	74.82494
CGGA_83	3386	0	2.041954	0.582781	3.369112	1.653639	2.59409	2.965073	73.0432
CGGA_80	3415	0	2.886212	1.641552	3.829943	0.335239	1.242301	2.520147	72.63214
CGGA_71	3429	0	2.737454	1.064845	3.575081	0.96428	1.947117	2.794897	74.66637
CGGA_78	3457	0	1.895757	1.006875	3.723938	1.124312	2.40641	3.140831	73.2349
CGGA_76	3472	0	2.395099	0.174066	3.310127	1.268651	3.117251	3.734151	76.17549
CGGA_76	3474	0	1.92155	0.399281	3.471498	0.428462	2.84443	3.431356	66.95065
CGGA_76	3479	0	1.831412	0.302835	4.080848	1.272574	2.811425	3.812869	76.08625
CGGA_75	3486	0	2.275866	0.605232	3.686544	1.619982	2.958519	3.620842	81.10475
CGGA_72	3558	0	1.822303	0.766145	3.843133	0.683083	3.327024	2.944402	71.82669
CGGA_68	3563	0	2.937032	1.300088	3.868311	0.864368	3.182221	3.904962	88.94882
CGGA_67	3579	0	2.59525	0.352039	3.461162	1.65061	3.107372	3.94317	83.04314
CGGA_67	3584	0	2.668764	0.582781	3.232379	1.494052	2.760764	3.406219	78.82759
CGGA_65	3600	0	2.274206	0.392647	3.609436	0.734777	3.007013	3.618865	73.87073
CGGA_64	3618	0	2.059454	0.438326	3.184931	1.753055	3.452963	3.785759	79.28494
CGGA_63	3631	0	2.282484	0.020494	3.63794	1.45995	3.213188	3.423739	76.30166
CGGA_63	3668	0	2.450418	0.494582	3.45424	0.954588	2.627566	3.550463	74.53013
CGGA_55	3728	0	2.982067	0.324173	3.151258	0.920155	3.135455	3.250768	76.27598
CGGA_54	3736	0	2.090039	0.899141	3.709877	0.509572	2.222595	3.088674	69.04361
CGGA_54	3741	0	3.213877	1.7751	3.827105	0.66544	1.408275	2.169208	77.0743
CGGA_51	3770	0	2.257503	0.518751	3.647345	1.838199	3.3005	3.904962	84.34144
CGGA_50	3781	0	1.4832	1.01083	3.125255	1.497419	2.321193	3.101521	68.65339
CGGA_50	3798	0	1.673066	0.205648	3.262075	1.750224	3.121468	3.384103	72.02665
CGGA_49	3804	0	2.4621	0.431908	3.537873	1.662685	2.654998	3.237651	77.83573
CGGA_47	3812	0	2.051703	0.273771	3.751748	1.769922	3.044019	3.408418	77.97276
CGGA_44	3860	0	2.379769	0.845907	3.259511	1.24489	2.729675	3.389655	76.62513
CGGA_43	3866	0	1.988121	1.955286	4.323218	0.509572	3.14102	3.820037	85.48848
CGGA_32	4023	0	3.325673	1.524733	4.09731	1.196187	1.285238	2.439794	82.02023
CGGA_D0	4089	0	3.115603	1.664504	3.695709	1.175409	1.226433	2.25898	77.84561
CGGA_26	4130	0	2.351751	0.859442	3.488598	1.062369	2.644074	3.44758	76.52146
CGGA_25	4143	0	1.459787	0.243977	3.883992	1.616884	3.152098	3.418281	73.5078
CGGA_24	4163	0	2.560407	2.73269	3.889495	1.167015	1.802134	2.761788	86.05434
CGGA_15	76	1	1.422072	1.28926	3.282932	0.949607	3.361391	2.596038	69.14735
CGGA_P2	103	1	1.613258	0.033909	2.442889	0.657072	3.432683	3.005954	58.46672
CGGA_14	127	1	2.246833	0.526521	4.081573	1.716857	3.144182	4.202961	86.70808

CGGA_20	139	1	1.729263	1.741998	4.202156	1.777489	2.793948	3.974251	88.91796
CGGA_P1	167	1	1.262729	-0.09992	1.892524	0.55015	2.351295	1.962162	41.86912
CGGA_D:	181	1	2.026216	3.041125	3.815707	0.992978	2.194749	2.651038	83.46696
CGGA_11	214	1	1.383179	-0.06999	3.436658	1.272692	4.034745	3.148287	68.60454
CGGA_P3	224	1	0.746007	3.368092	4.659085	1.19986	1.520813	3.958227	85.17677
CGGA_10	246	1	1.40495	-0.11007	2.087424	0.859949	3.455814	2.877048	54.78922
CGGA_P2	253	1	1.155186	1.730752	2.054588	1.104889	2.280158	1.981639	56.76541
CGGA_13	253	1	2.069082	0.258968	3.435654	0.706282	3.164482	4.680491	76.00554
CGGA_66	284	1	1.634468	0.958367	3.0693	1.1628	3.394712	3.133283	71.56112
CGGA_17	293	1	2.071319	2.293071	3.696986	1.770905	2.510576	3.450191	88.51163
CGGA_64	331	1	2.006294	1.061067	3.505542	1.83017	2.966182	4.027164	84.20726
CGGA_P2	392	1	0.71481	1.694055	2.270763	1.093194	2.48059	1.986449	55.13212
CGGA_59	418	1	1.698225	1.318497	3.87386	2.245894	2.967711	3.37742	85.07952
CGGA_45	419	1	2.372042	1.357427	3.603042	1.893202	2.533012	3.617876	86.08997
CGGA_11	422	1	1.165877	0.271774	2.505377	0.559441	2.872264	2.717317	52.6103
CGGA_P3	451	1	2.085641	1.918861	4.23903	1.645603	2.452853	3.384112	87.91796
CGGA_10	532	1	1.31055	0.559896	3.479497	1.963485	3.817457	4.166548	80.59262
CGGA_P1	598	1	1.476005	-0.17277	2.76826	0.648524	2.351295	2.448718	50.81178
CGGA_12	772	1	2.85129	2.01763	2.885938	1.449563	2.292615	2.320454	79.96023
CGGA_17	855	1	1.192174	1.385855	2.281555	1.039077	2.312766	2.197246	56.87407
CGGA_15	914	1	2.042123	1.920796	4.085872	1.96801	2.059933	3.717856	88.79272
CGGA_11	921	1	2.816619	1.933754	3.806156	0.688917	1.132399	2.001161	73.1486
CGGA_12	929	1	1.726015	0.483409	3.357366	0.657072	3.918056	2.53754	66.94976
CGGA_75	1047	1	2.202687	0.288392	3.961363	1.175409	3.36794	3.969902	80.56397
CGGA_13	1080	1	2.764076	1.194924	2.896466	2.048913	3.132787	3.617159	87.59896
CGGA_28	1103	1	1.247973	2.230146	3.168914	1.346021	2.584761	3.566517	77.05881
CGGA_88	1131	1	1.759236	0.894795	3.383571	1.268651	2.930662	3.836958	75.97325
CGGA_60	1133	1	2.875392	1.090956	3.590189	1.619982	2.3579	2.852278	82.0993
CGGA_69	1194	1	1.514774	1.306256	3.984138	2.229617	2.811425	3.675416	84.88427
CGGA_26	1374	1	2.293994	0.823	2.958141	0.784719	2.907116	3.184305	70.97422
CGGA_58	1394	1	2.510701	-0.01652	3.407425	1.87249	2.996516	3.335706	77.87182
CGGA_11	1534	1	1.944396	0.419058	3.854075	1.931145	3.378377	4.131389	84.45271
CGGA_59	1654	1	2.703525	0.166037	3.956068	2.151899	3.035206	3.820931	87.76126
CGGA_89	1663	1	1.878297	1.327595	3.722937	1.158573	2.791329	3.380764	78.03359
CGGA_15	1714	1	1.96304	0.903629	4.130667	2.129482	3.020628	4.125955	88.94226
CGGA_10	1725	1	2.006294	0.621795	3.049314	1.953647	3.041086	3.635607	78.16983
CGGA_69	1851	1	1.992179	0.854947	3.613686	1.963485	3.311915	3.793931	84.55766
CGGA_86	2073	1	2.310883	0.069601	3.986405	1.649271	3.82394	4.031069	85.33054
CGGA_62	2098	1	2.510334	0.925655	3.841499	2.089888	2.829476	3.552951	87.91073
CGGA_30	2199	1	1.908712	0.832216	4.080848	1.997408	2.607181	3.597989	82.77058
CGGA_81	2219	1	1.488993	0.937553	4.315212	1.97082	3.13127	4.053601	85.64969
CGGA_23	2340	1	2.613663	0.166037	3.59341	1.053304	2.759051	3.413903	75.00263
CGGA_D:	2367	1	2.277524	0.438326	3.890411	1.644536	1.749125	3.414999	75.44597
CGGA_49	2382	1	2.287428	0.524717	3.789806	0.874669	2.950824	3.62873	76.50627
CGGA_90	2436	1	2.307034	0.958367	3.34108	1.601296	3.27229	3.974875	84.48984
CGGA_10	2457	1	2.061385	-0.03547	3.45077	1.718727	3.012985	3.890337	76.27993
CGGA_66	2499	1	2.082454	0.385975	4.154609	1.671677	2.645899	3.176919	77.78616

CGGA_10	2527	1	2.786084	0.286591	3.790887	1.634532	2.972189	3.951092	85.29359
CGGA_31	2568	1	2.147483	-0.05472	3.666016	0.997707	3.289013	3.455107	72.46151
CGGA_70	2572	1	1.586719	1.159056	3.37756	1.507475	3.052789	3.351592	75.99916
CGGA_27	2635	1	2.250766	1.309328	3.08767	1.761513	3.283883	3.760122	84.91295
CGGA_58	3107	1	1.149803	-0.16209	1.59215	0.867094	2.340927	1.967068	40.96347
CGGA_89	3160	1	1.86284	0.463659	3.741863	1.00712	2.398066	3.304709	69.67204
CGGA_28	3470	1	2.274206	1.278243	3.798479	1.517462	2.829652	3.149602	82.51375
CGGA_59	3677	1	2.214861	0.506728	3.589114	1.921214	2.985956	3.268518	79.84641
CGGA_60	168	0	1.810834	4.376268	4.22863	1.797614	3.120063	4.315096	109.2798
CGGA_P4	309	0	2.085641	3.605182	5.327254	2.112323	3.11629	4.946933	117.5995
CGGA_P4	310	0	2.257082	0.641925	4.344294	1.835147	3.269219	4.741199	92.77939
CGGA_11	318	0	2.411412	4.374979	4.058826	1.754281	2.855357	3.847538	109.3444
CGGA_76	319	0	2.898328	0.787124	4.540536	1.19986	3.07215	3.795565	90.32163
CGGA_14	324	0	2.963795	1.52983	4.388033	2.061872	3.140939	4.321042	102.9137
CGGA_P1	344	0	2.972537	0.916893	3.837273	1.760959	3.785036	4.498798	97.64509
CGGA_15	345	0	2.252993	2.385085	3.908583	2.092402	2.280158	3.680007	93.84724
CGGA_P1	349	0	2.674355	0.796864	3.569847	2.434284	3.730822	4.5066	97.25441
CGGA_16	352	0	2.019723	2.215036	3.646665	2.127046	2.66177	3.978058	92.7457
CGGA_P4	356	0	3.275608	0.060775	4.311012	2.386383	3.334712	4.627938	99.97547
CGGA_P4	408	0	2.681406	1.472585	4.107576	2.099912	3.061695	4.692804	100.5349
CGGA_P2	413	0	2.570776	0.249207	3.837273	2.092402	3.493659	4.363888	90.6794
CGGA_P3	428	0	2.650054	0.830356	4.076293	2.451062	3.386125	4.409856	98.3174
CGGA_P1	433	0	3.021539	2.004874	4.356138	2.038443	2.960687	4.425651	105.7691
CGGA_16	433	0	1.834533	3.88194	4.687603	2.779892	2.595724	4.168087	112.3304
CGGA_P3	504	0	2.732262	3.521438	4.846831	2.454758	2.619981	3.848261	114.3075
CGGA_20	516	0	2.43957	4.179035	4.588169	2.52286	3.527943	4.695556	122.9256
CGGA_P3	522	0	2.679999	5.058524	4.56613	3.124293	2.935326	4.191303	129.1846
CGGA_14	522	0	2.826393	6.47967	4.362375	3.338407	3.785036	4.694639	145.3078
CGGA_20	524	0	2.74828	1.89539	4.387318	1.881124	3.193214	4.298898	102.5108
CGGA_P3	532	0	2.446502	3.450493	4.571833	1.887121	3.365335	4.532166	112.8235
CGGA_P3	532	0	2.866519	2.890381	4.901721	2.198012	3.01332	4.403302	114.277
CGGA_P3	546	0	1.911707	1.543074	4.479567	2.220747	3.450986	4.413524	98.18759
CGGA_P3	551	0	2.360395	1.979331	3.667513	2.094911	2.280158	3.622628	90.53591
CGGA_P3	565	0	2.651497	4.38481	4.410283	1.953968	3.822241	5.316524	125.3667
CGGA_P3	567	0	1.202524	5.501875	4.696673	1.026705	1.55067	3.413779	98.68112
CGGA_P3	572	0	2.219748	3.274632	3.961461	1.331717	2.531069	3.854744	96.45901
CGGA_P3	581	0	2.14345	4.747944	4.55979	3.727392	2.750138	3.991268	125.2521
CGGA_P3	592	0	2.764076	0.872111	4.646063	1.793791	2.728732	3.96531	93.60937
CGGA_P2	634	0	2.430846	2.382436	4.329675	2.519372	2.822905	4.097205	104.431
CGGA_49	652	0	2.181148	2.42798	4.654117	2.677624	3.803371	4.788158	112.8876
CGGA_P2	668	0	2.567674	1.130194	3.931495	1.990135	2.646293	3.966592	90.70722
CGGA_10	703	0	3.086387	2.149452	4.42761	2.657612	3.00596	3.962096	109.5026
CGGA_18	750	0	2.878404	0.663754	4.011278	1.928261	3.117952	3.907165	91.84071
CGGA_P1	776	0	2.685615	2.424142	3.688649	2.715178	3.628658	4.302549	108.608
CGGA_P1	778	0	2.738964	0.264298	3.936458	1.987392	3.582712	4.164426	91.35153
CGGA_19	779	0	2.660123	5.795641	4.263445	2.36865	2.556844	3.726072	123.4092
CGGA_P1	782	0	2.332094	1.115332	3.962535	2.689773	4.047175	4.468882	101.5479

CGGA_19	785	0	1.558065	4.386355	3.986405	2.099912	2.351295	3.467371	100.8492
CGGA_19	790	0	2.446502	2.288784	3.868265	2.288552	2.656636	3.88653	98.2651
CGGA_18	801	0	2.919051	2.652549	4.196596	2.160697	2.492687	3.456669	102.4412
CGGA_P1	804	0	3.296272	0.04293	3.739692	2.155949	3.816273	4.3596	96.0861
CGGA_P1	807	0	3.020495	-0.1944	3.879363	1.671037	3.565494	4.406175	89.36685
CGGA_14	813	0	1.659019	3.197486	3.653901	1.797025	3.829864	3.782518	97.9193
CGGA_P1	816	0	2.876037	0.365022	3.988501	1.893086	3.831551	4.265902	94.21071
CGGA_P1	817	0	3.567576	0.308485	4.647177	2.275731	3.426511	4.25066	103.4906
CGGA_P1	822	0	2.706431	0.186906	3.868852	1.899022	3.406512	4.231759	89.28183
CGGA_17	835	0	2.451674	2.08692	4.087302	2.364672	2.643691	3.843915	98.47889
CGGA_18	855	0	2.228151	1.535145	3.721602	2.136759	2.726326	3.819665	90.06087
CGGA_P1	860	0	2.958297	-0.02166	3.784544	2.195715	3.834076	4.372407	93.73585
CGGA_18	866	0	2.06167	5.040121	3.925953	2.519372	2.471426	3.630775	112.4021
CGGA_17	872	0	2.64716	2.632184	4.190575	2.713699	3.007805	4.061788	108.7067
CGGA_P1	880	0	2.581568	1.088881	3.804709	2.067015	3.892127	4.443962	97.6893
CGGA_13	884	0	2.088011	2.805233	3.722953	1.432784	2.414693	3.80316	91.11949
CGGA_P1	891	0	2.521712	1.073505	3.76528	1.770905	3.477269	4.029267	91.36876
CGGA_P1	892	0	3.122259	0.862955	3.917024	1.904929	3.792933	4.289715	98.84911
CGGA_P1	915	0	2.58769	1.984849	4.244369	1.896058	2.474489	3.588406	94.85034
CGGA_P1	919	0	2.791202	0.726994	4.132037	1.505332	3.46062	4.18875	92.27147
CGGA_P1	929	0	2.770594	0.464457	4.14833	2.338485	3.686313	4.123227	96.48576
CGGA_P1	936	0	2.354791	0.438722	3.968954	2.462115	3.746468	4.225377	93.67928
CGGA_P1	941	0	2.613345	2.905167	4.340191	1.226393	1.849749	3.197115	92.66697
CGGA_P1	971	0	2.660123	0.502072	3.765927	2.017218	3.735448	4.378327	93.12736
CGGA_P1	971	0	2.844807	1.198422	4.197453	1.841382	3.384837	4.433256	98.99449
CGGA_17	972	0	2.460241	2.085231	3.972149	1.80987	2.743051	4.048908	95.73413
CGGA_P1	976	0	2.94276	0.121259	3.296219	2.964662	3.584845	4.625318	96.91087
CGGA_16	980	0	1.973558	2.968343	4.483809	3.034297	3.17293	4.433256	111.7737
CGGA_88	1008	0	3.240884	0.721848	4.216978	2.158325	3.232647	4.221429	99.53526
CGGA_P9	1010	0	2.689808	0.916893	3.644485	2.403854	3.176076	4.32372	95.2134
CGGA_88	1016	0	2.595296	1.587059	3.934255	1.887121	2.886838	3.982481	94.19634
CGGA_P8	1026	0	3.274773	0.226214	3.917024	1.419503	3.812847	4.395462	93.50498
CGGA_P8	1026	0	2.710549	1.122786	3.735699	2.284294	3.565494	4.355294	98.14032
CGGA_P1	1032	0	3.370779	1.122786	3.981674	1.178195	2.733527	3.859042	91.73041
CGGA_86	1046	0	3.136485	1.684706	4.269861	1.995602	2.519407	3.57323	98.04506
CGGA_17	1072	0	3.344389	1.435755	4.01179	1.546005	2.625296	3.726891	94.93729
CGGA_17	1128	0	2.559881	1.321261	3.970553	1.692407	2.807412	3.744715	89.76455
CGGA_16	1141	0	3.291346	3.292394	4.149228	3.046628	3.094451	4.129762	120.3369
CGGA_P2	1196	0	2.303072	0.315697	3.857641	2.134338	3.676595	4.322828	89.98373
CGGA_P1	1197	0	2.639894	1.452891	3.648117	2.160697	3.472539	4.317012	97.83769
CGGA_P1	1203	0	2.521712	1.050072	3.787086	1.800249	3.7336	4.234203	93.54705
CGGA_P3	1205	0	2.674356	3.638845	4.32665	2.172486	2.45908	3.512109	107.6769
CGGA_15	1226	0	2.745626	1.472585	4.137496	2.34458	2.884768	3.96274	98.56631
CGGA_17	1232	0	2.990893	1.602213	4.145632	2.352658	2.622642	3.424956	97.72719
CGGA_17	1282	0	2.569226	1.236248	4.03106	1.780768	2.590258	3.828553	89.71357
CGGA_17	1282	0	3.121304	0.520454	4.14833	1.832016	3.16025	4.281841	94.88911
CGGA_17	1290	0	2.120677	2.856671	4.181914	1.282737	2.099988	3.892766	92.40939

CGGA_17	1290	0	2.570776	1.373811	3.574525	2.151181	4.248397	4.35874	99.70806
CGGA_10	1322	0	2.956091	3.11587	4.221594	0.969361	1.804476	3.096907	93.64894
CGGA_17	1330	0	2.326348	2.054413	4.197881	1.928261	2.337448	3.704565	93.23304
CGGA_17	1332	0	2.920191	5.659016	4.583739	3.292274	3.84744	4.459223	140.9427
CGGA_62	1347	0	3.322187	0.051885	3.629831	2.454758	3.207032	4.378327	95.24646
CGGA_17	1366	0	2.198465	2.318479	4.444655	1.896058	2.587513	3.47056	94.97811
CGGA_17	1372	0	2.468745	2.661023	4.273453	1.671037	2.510576	3.522228	96.7392
CGGA_16	1414	0	2.285296	1.663406	3.856454	2.097414	3.054667	4.067587	94.30962
CGGA_15	1417	0	2.75225	2.017448	4.12057	2.082313	2.962613	3.600566	98.86417
CGGA_16	1457	0	2.998366	1.166578	3.969487	1.878114	2.802943	3.737462	93.26898
CGGA_16	1464	0	2.007086	1.759778	4.154598	3.001155	3.058187	4.699821	103.22
CGGA_16	1476	0	2.991963	0.532557	3.562789	1.60449	3.723378	4.161802	91.01879
CGGA_16	1491	0	2.854508	1.661016	4.310243	2.025222	2.516472	3.577047	96.1621
CGGA_13	1497	0	2.332094	4.145653	4.295527	3.726142	3.131148	3.866873	122.4118
CGGA_16	1511	0	2.068915	3.330218	3.90235	1.428374	1.898456	4.047139	94.28104
CGGA_15	1512	0	2.724168	2.529648	4.553412	1.231628	1.849749	3.441487	93.52854
CGGA_16	1525	0	1.430537	4.748518	4.371845	1.401559	1.513213	3.522228	96.65986
CGGA_16	1534	0	2.696764	1.427095	3.574525	2.009158	3.686313	4.339195	97.71316
CGGA_16	1562	0	1.903386	2.649356	3.943585	1.297646	2.309193	3.962096	89.41212
CGGA_16	1597	0	3.112675	1.857282	3.871783	2.02256	2.893022	3.597774	98.55955
CGGA_16	1603	0	2.844807	4.379386	5.06055	1.984642	2.899171	4.096082	121.039
CGGA_16	1615	0	2.38254	2.147846	4.13158	1.727183	2.536852	3.439299	92.1522
CGGA_16	1629	0	3.004733	2.77772	4.492888	1.925369	2.979788	4.184139	109.4515
CGGA_14	1630	0	2.687014	0.419058	3.620193	2.017218	3.455814	4.242466	90.22295
CGGA_15	1679	0	1.071633	4.870439	4.89053	1.257461	1.628663	3.861184	98.7071
CGGA_36	1680	0	2.985525	1.889451	4.624086	2.882975	3.527943	4.405355	113.8571
CGGA_15	1719	0	2.825155	7.44149	4.265054	3.624955	3.933465	4.385049	151.7571
CGGA_15	1721	0	2.828865	2.638651	3.489459	2.186478	2.666879	3.47056	98.70271
CGGA_15	1723	0	2.441308	5.497217	4.091103	1.183649	2.163534	3.704565	109.646
CGGA_15	1728	0	2.555178	1.609719	4.039568	1.716857	2.909339	3.801646	92.76011
CGGA_33	1783	0	2.492315	1.76679	3.763541	1.91109	2.955445	3.47858	91.63611
CGGA_15	1793	0	1.434747	4.370815	3.664662	1.546005	1.565287	4.004304	93.84212
CGGA_15	1798	0	2.576955	0.938682	3.938107	2.415357	3.709276	4.473869	99.06899
CGGA_15	1804	0	2.805157	1.624597	4.227021	2.838568	3.726175	4.072778	107.5739
CGGA_15	1854	0	1.634608	3.255311	4.000986	2.143992	2.142776	3.51617	94.08499
CGGA_15	1861	0	1.895004	2.816439	4.365299	2.009158	2.411451	3.664449	96.27024
CGGA_14	1882	0	2.973624	0.801705	3.783271	1.953968	3.532431	4.454553	96.62545
CGGA_12	1912	0	2.378879	1.889451	4.274647	2.027878	3.075612	4.237127	99.19595
CGGA_14	1919	0	2.165776	1.836737	4.083008	3.088256	3.102905	4.004921	101.9593
CGGA_14	1946	0	3.426184	1.881488	4.322097	1.777489	2.235047	3.275193	97.81279
CGGA_13	1947	0	2.72957	1.065744	4.060781	1.663826	2.622642	3.86047	89.56951
CGGA_14	1956	0	2.675769	6.392456	5.313957	2.674568	3.25036	3.744715	137.9384
CGGA_14	1961	0	2.816449	0.358096	4.211497	1.970799	3.144182	4.001216	91.38128
CGGA_14	1975	0	2.540956	1.943788	3.75682	2.056706	2.601163	3.389887	92.14458
CGGA_14	1987	0	2.159124	3.570565	4.312548	1.360153	1.798678	3.252943	94.12981
CGGA_13	1989	0	2.172389	2.779637	3.957156	2.146393	2.3751	3.517181	95.93298
CGGA_14	2001	0	3.181758	1.208855	3.708683	2.151181	3.620453	4.36517	101.5491

CGGA_14	2008	0	3.071516	0.993582	3.516125	1.881124	3.720573	4.181052	96.10515
CGGA_14	2016	0	1.176468	3.377527	4.605123	1.841382	1.732692	3.576094	91.36975
CGGA_14	2029	0	2.766687	1.907181	4.279411	1.764284	2.617314	3.83663	96.84221
CGGA_47	2029	0	2.024739	1.05401	4.226605	3.079614	3.147415	4.256403	98.08723
CGGA_13	2050	0	3.404791	3.944095	4.838285	2.491092	2.443442	3.644206	120.5883
CGGA_13	2068	0	2.559881	0.279205	3.607456	2.019891	3.824788	4.433256	90.73185
CGGA_13	2092	0	2.502137	1.521814	3.890345	2.188795	3.419055	3.974251	96.89008
CGGA_13	2113	0	1.981383	4.459522	4.301748	1.984642	2.638469	3.281643	105.8336
CGGA_13	2120	0	2.200611	2.061329	3.862376	1.987392	3.535784	4.183625	98.00054
CGGA_12	2190	0	1.682918	4.907119	3.300274	1.928261	1.804476	3.320713	97.25909
CGGA_12	2194	0	2.014686	2.697421	4.216136	1.369482	2.452853	3.813695	92.40764
CGGA_12	2214	0	2.770594	0.405771	4.082529	1.720309	3.276383	4.303913	90.99458
CGGA_12	2217	0	2.622264	0.6852	4.128381	1.96801	3.274955	4.130305	92.61903
CGGA_12	2280	0	2.750928	1.111589	3.817733	2.267104	3.420302	4.191303	97.35133
CGGA_12	2282	0	2.386189	4.626047	4.414467	2.858366	3.031497	4.213486	122.1924
CGGA_12	2287	0	2.170189	1.358588	4.20386	2.510608	3.424031	4.000597	97.26298
CGGA_12	2296	0	3.17722	2.733762	4.375102	2.260593	2.816293	3.663578	108.8455
CGGA_12	2324	0	2.77319	1.155776	3.454265	1.899022	3.234134	4.032868	91.93132
CGGA_12	2331	0	2.744297	3.842428	3.720251	1.652926	2.368353	3.277778	101.3412
CGGA_12	2338	0	2.761459	0.233927	3.762034	1.995602	3.441265	4.382954	90.88282
CGGA_11	2363	0	2.28927	2.905167	4.377269	2.827871	3.000406	4.286018	110.4797
CGGA_11	2365	0	2.393453	1.800999	3.870611	1.760959	2.601163	3.899649	91.28257
CGGA_13	2366	0	1.91086	2.105394	4.211747	1.933773	2.111006	3.877342	90.38952
CGGA_13	2390	0	2.01629	1.450858	4.237014	2.795211	3.168591	4.373595	99.39541
CGGA_11	2457	0	0.923717	5.042832	4.061269	1.16721	1.520813	3.270003	90.25981
CGGA_11	2463	0	2.451674	2.812715	3.978509	1.695931	2.018293	3.128957	92.21764
CGGA_11	2464	0	2.93266	2.827543	4.078696	1.750927	2.337448	3.136436	98.22306
CGGA_11	2471	0	2.507062	1.226048	3.63938	2.102405	3.260557	3.978692	92.51122
CGGA_11	2477	0	2.65294	2.671533	4.316378	1.716857	2.443442	3.456669	98.15588
CGGA_11	2484	0	2.46365	5.049731	4.501569	2.724016	2.525254	3.460964	119.4285
CGGA_11	2498	0	2.207918	2.164963	3.188931	2.772742	2.645899	3.747178	94.30324
CGGA_11	2498	0	2.515224	1.444353	3.771096	2.109851	3.132787	4.135715	94.94132
CGGA_11	2505	0	3.220055	2.377122	3.727667	2.143992	2.443442	3.456669	100.1161
CGGA_11	2533	0	3.278939	2.6408	3.788988	2.882975	3.671703	4.703161	118.1975
CGGA_11	2582	0	2.453392	2.493869	4.151021	2.747261	3.10122	4.082507	106.8352
CGGA_10	2682	0	3.317373	0.782224	4.169666	2.030528	3.23562	4.112238	98.91466
CGGA_10	2688	0	2.852395	2.505654	5.308935	1.843527	2.733156	3.700257	107.2632
CGGA_10	2876	0	2.945327	4.480443	3.73093	2.530245	2.919712	4.463129	120.4089
CGGA_26	2932	0	2.2406	5.586593	5.32728	2.127981	2.70865	3.978183	125.0473
CGGA_10	2934	0	3.340456	2.222614	3.875872	2.715178	2.516472	3.52925	105.1731
CGGA_84	2991	0	2.483892	1.80313	4.303298	1.615847	2.669425	3.473738	91.70549
CGGA_10	3116	0	2.927009	2.019234	4.248457	3.193211	3.304563	4.238586	112.4291
CGGA_D	3178	0	2.170896	1.127285	3.851564	1.761513	3.435329	4.222914	90.19228
CGGA_88	3213	0	3.201512	1.920796	3.897793	1.463201	2.671963	3.846815	96.48939
CGGA_10	3265	0	2.279179	5.781487	3.969278	2.444374	3.374058	3.788487	122.8996
CGGA_86	3353	0	2.685009	1.909976	3.716921	1.428568	3.033733	3.525752	91.21022
CGGA_83	3388	0	2.617577	3.641518	4.289508	2.612964	3.498027	4.85373	120.4694

CGGA_81	3402	0	2.496579	3.473431	4.175946	2.058406	3.289013	3.96658	109.2624
CGGA_72	3406	0	2.677181	2.075045	3.966819	1.713395	2.584761	3.47162	93.29611
CGGA_81	3410	0	1.871693	1.669041	3.971909	2.255978	2.813089	3.994644	91.50621
CGGA_90	3448	0	2.560407	2.610372	3.70584	1.978118	2.978377	3.653181	98.47685
CGGA_66	3479	0	3.006847	0.489662	3.906321	1.890107	3.358753	3.973615	92.20366
CGGA_73	3501	0	2.307034	1.574816	4.391672	1.997408	3.801109	4.375629	100.741
CGGA_42	3514	0	2.65869	1.478154	4.384099	2.00646	3.485496	4.318805	101.279
CGGA_56	3605	0	3.134726	0.890434	4.60953	1.228834	2.862331	3.142087	89.3833
CGGA_60	3668	0	2.688732	5.154714	4.574302	2.060702	3.476212	3.944851	124.1451
CGGA_56	3722	0	3.131103	1.582148	3.680409	1.710019	2.938443	3.666745	94.43591
CGGA_50	3777	0	2.793752	0.502072	4.254965	1.336504	3.336062	4.208488	90.06733
CGGA_36	3957	0	3.030885	2.34063	4.089204	1.205215	2.449725	3.485303	94.60739
CGGA_26	3959	0	2.528162	2.325445	4.235732	2.606848	3.117952	3.847538	104.8743
CGGA_29	4075	0	3.28309	0.669151	3.694908	1.979125	4.078291	4.437632	99.97445
CGGA_10	4374	0	2.531375	2.802415	4.743929	2.582275	2.709332	3.812947	108.7081
CGGA_10	21	1	2.463553	1.239832	4.223274	2.851273	3.388662	4.621444	103.8419
CGGA_12	29	1	1.961453	2.775264	4.703709	2.58751	3.32577	4.401213	109.3033
CGGA_16	51	1	3.094239	3.790334	4.33269	2.884256	3.009646	4.149111	121.6767
CGGA_D:	64	1	1.610795	3.089867	4.35133	1.470264	3.41035	4.325544	99.50719
CGGA_45	75	1	2.269259	1.52983	4.24355	1.770905	3.446137	4.82792	98.60627
CGGA_14	81	1	2.516849	4.984454	4.89647	3.014983	3.279235	4.305277	130.5433
CGGA_40	90	1	3.613125	0.701041	4.351712	2.80344	3.953916	4.935037	113.4354
CGGA_12	97	1	3.150914	6.654597	4.880013	3.272046	3.527461	4.277023	148.2839
CGGA_18	110	1	4.181271	3.52196	4.295136	3.072	4.149166	4.994255	137.9395
CGGA_35	122	1	1.989155	3.181731	3.741019	1.862948	2.381803	3.494665	93.97331
CGGA_15	129	1	2.30503	5.380991	4.430013	3.502938	3.091051	4.58652	132.5203
CGGA_55	134	1	1.81965	3.684925	4.264652	1.093194	1.827356	3.953043	93.72614
CGGA_16	139	1	3.369243	6.129497	4.064194	3.330551	3.524565	4.759967	144.8082
CGGA_13	141	1	3.565759	4.353488	4.176732	2.731121	3.651166	3.993824	128.847
CGGA_13	146	1	3.239162	6.747636	4.623802	2.771467	3.127865	3.787143	140.9771
CGGA_11	156	1	3.506589	2.454513	4.28691	1.965215	2.354729	3.619897	105.1475
CGGA_85	169	1	3.631579	3.238314	4.096781	3.1863	3.466596	4.459223	126.2778
CGGA_D:	175	1	3.07279	2.91919	5.202192	2.130171	3.194401	4.015842	116.1572
CGGA_15	208	1	2.478866	0.432202	4.229102	2.467603	3.129508	4.071627	92.81194
CGGA_P1	211	1	2.868905	1.561378	4.428297	2.390288	3.425271	4.453772	106.4949
CGGA_10	216	1	1.998246	3.357398	4.613264	2.729664	2.748737	3.86076	108.7254
CGGA_D:	221	1	2.154728	1.284526	3.518989	2.198602	3.265818	3.922034	89.89033
CGGA_16	225	1	2.946108	0.716679	3.90235	2.613315	3.827329	4.646408	102.8614
CGGA_11	239	1	2.993106	1.971183	4.210204	2.653412	3.250188	4.322763	109.153
CGGA_10	252	1	3.230882	1.13797	4.290986	2.954875	3.618352	4.554413	110.7143
CGGA_79	252	1	2.723012	4.090459	3.988486	2.269979	3.386236	4.39048	117.5838
CGGA_88	252	1	4.064817	4.900884	4.333066	3.526895	3.78943	4.419202	144.6146
CGGA_10	254	1	3.805201	6.036505	5.684802	2.277921	3.327024	5.459602	152.2943
CGGA_D:	261	1	2.30541	4.0484	4.567941	2.81597	3.311915	3.934742	118.3506
CGGA_10	263	1	3.118434	3.160871	4.389816	2.689773	2.945153	3.807689	115.1051
CGGA_P3	293	1	2.150193	6.311872	5.178811	2.557179	3.391258	4.547194	136.3083
CGGA_D:	297	1	3.0625	0.579804	3.864735	3.423144	3.720573	4.697082	107.6592

CGGA_D4	300	1	3.013944	2.737293	3.942763	3.147986	3.468109	4.685721	118.4076
CGGA_10	305	1	2.944993	2.03695	4.179738	2.37459	2.714215	3.526247	101.285
CGGA_P1	308	1	2.503781	1.212312	4.410632	2.247461	3.111291	3.809194	96.17066
CGGA_P4	308	1	1.391937	3.158766	4.878326	3.364221	3.551294	5.761011	120.6553
CGGA_12	310	1	2.31477	3.72536	4.61321	2.67915	3.530189	4.170173	117.7801
CGGA_D4	313	1	3.681032	2.230168	3.627433	2.849931	3.815541	4.370201	116.5958
CGGA_P9	317	1	2.866519	2.088608	4.222848	1.364827	2.231199	3.386426	92.16903
CGGA_24	318	1	1.559478	3.540108	4.531913	2.809083	3.475057	4.454028	112.3558
CGGA_P2	322	1	2.813949	0.711489	3.906321	1.737417	3.827329	4.667054	96.3483
CGGA_13	326	1	2.916078	4.413658	4.042424	2.112555	3.770916	4.302485	121.5275
CGGA_50	328	1	3.413693	1.370782	4.242729	2.286425	3.052903	3.748721	102.9073
CGGA_14	329	1	3.053764	3.453026	5.358018	2.358819	2.867183	3.2638	116.7762
CGGA_15	342	1	3.40925	1.89539	4.074367	1.847584	3.033298	4.112238	104.0771
CGGA_18	343	1	3.081452	0.806527	4.201729	2.44177	3.070415	4.079085	99.23757
CGGA_13	343	1	2.971448	6.572273	4.553107	2.847849	3.338758	4.035261	139.9685
CGGA_44	354	1	2.827896	3.866958	5.149249	2.630213	3.062968	4.096902	122.9793
CGGA_57	362	1	1.934272	4.061686	3.664983	2.569751	3.386236	4.100792	110.1354
CGGA_10	366	1	2.470438	3.596373	4.365663	2.662261	4.191306	4.680788	121.8036
CGGA_86	367	1	2.33971	3.937798	4.311396	3.729889	3.3508	4.565486	125.489
CGGA_P5	378	1	2.909887	2.040463	4.670314	2.92329	4.288452	4.584129	118.6878
CGGA_11	383	1	2.891335	0.752409	3.931495	2.258414	3.797294	4.512135	99.80294
CGGA_67	386	1	2.642122	6.605863	4.127389	3.457497	3.440048	4.15069	140.1676
CGGA_P1	387	1	2.617813	0.976952	3.96842	2.087368	4.056743	4.648012	99.93724
CGGA_11	398	1	2.593925	3.567312	4.365584	2.720896	2.703356	4.33732	115.2423
CGGA_P3	404	1	2.60886	4.142202	4.43821	3.763691	4.144796	5.215528	136.0628
CGGA_11	408	1	3.359211	4.504029	3.927619	3.400258	3.420302	3.883049	129.6439
CGGA_15	411	1	2.921331	3.977627	3.997879	2.57896	2.706882	3.943906	115.5259
CGGA_11	422	1	2.892504	1.005909	4.122873	1.764284	3.444921	4.287868	96.80258
CGGA_11	426	1	2.252453	4.976189	4.137041	2.741275	3.407953	3.829851	120.8021
CGGA_11	432	1	2.93266	3.323484	4.666219	2.229719	2.40166	3.329324	108.8097
CGGA_48	435	1	7.224856	1.200132	4.507724	2.206936	3.569639	4.707653	138.5437
CGGA_12	447	1	3.438077	2.965548	3.655666	2.939792	3.564144	4.49785	119.6626
CGGA_17	459	1	3.054424	6.063898	4.118724	2.146393	2.646293	3.675709	126.0092
CGGA_15	465	1	1.968311	2.702533	3.752892	2.847849	3.851582	4.742365	109.0754
CGGA_17	469	1	3.517433	3.399647	4.072919	2.785475	3.12457	4.029267	120.2927
CGGA_P1	470	1	3.302806	0.862955	4.063221	2.619746	4.036828	4.395047	107.0918
CGGA_16	471	1	2.122975	2.886876	3.944131	2.785475	3.42279	4.862792	110.8929
CGGA_10	471	1	3.658716	4.196089	3.477215	2.735482	2.259071	3.289612	115.7192
CGGA_65	476	1	3.018407	1.905224	4.363838	2.32414	2.836006	4.099446	104.9304
CGGA_13	485	1	1.871693	3.101407	4.719641	2.257986	3.933341	4.181535	110.0816
CGGA_P3	495	1	2.125269	3.085668	4.568235	3.114861	2.893022	4.335239	113.0416
CGGA_P1	502	1	2.774486	2.475579	3.901781	2.793802	4.103969	4.874063	115.9372
CGGA_P2	511	1	2.267239	3.077437	4.231593	2.364672	2.414693	4.680479	107.1148
CGGA_52	514	1	2.71874	5.523382	4.123334	3.280453	3.844947	4.604437	136.6164
CGGA_17	515	1	3.015266	3.658607	4.511765	2.403854	2.811862	3.864033	116.0104
CGGA_16	517	1	1.816649	2.794869	4.083486	1.40607	2.778018	3.932696	92.89851
CGGA_14	520	1	3.454335	0.942994	4.675205	2.380502	2.884768	4.354863	105.7143

CGGA_15	540	1	2.965987	1.184371	4.07147	1.907871	3.353458	4.25688	98.59551
CGGA_61	550	1	1.991735	3.217736	4.655499	2.796564	3.158654	3.907165	110.3514
CGGA_81	551	1	2.848455	6.451063	5.389127	2.770056	3.584845	4.521291	145.6977
CGGA_13	554	1	2.467049	1.001814	3.881105	2.014537	3.274955	4.475015	93.9873
CGGA_P3	563	1	2.947221	2.311474	4.281785	1.415042	2.351295	3.397916	95.37254
CGGA_15	564	1	1.822642	1.253063	4.410632	2.271425	3.433914	4.346624	95.24514
CGGA_63	576	1	1.775858	3.981888	5.387026	1.87249	3.6947	4.523816	116.7456
CGGA_16	596	1	2.749605	2.860263	4.393373	2.745822	3.213115	3.805428	111.8637
CGGA_11	596	1	2.116068	5.811383	4.140215	2.58393	2.709332	4.036455	122.1434
CGGA_24	609	1	2.81775	1.176344	3.708868	2.593914	4.616255	4.966801	108.3085
CGGA_88	669	1	2.423817	0.858351	3.63938	1.780768	3.880126	4.665796	93.30341
CGGA_12	670	1	3.110748	3.534939	3.841499	2.519372	2.929386	3.979956	114.0305
CGGA_56	679	1	2.794941	1.805756	3.644216	2.885749	2.412643	4.12628	100.6151
CGGA_12	682	1	3.800274	4.137479	4.63654	2.767231	3.613219	4.600745	134.7772
CGGA_13	702	1	2.651497	1.75092	4.143378	2.465777	3.354784	4.813129	106.3509
CGGA_10	723	1	2.662984	2.599322	4.464747	2.958668	3.591217	4.329053	115.3454
CGGA_11	731	1	2.461947	5.98522	3.951206	2.918326	3.779739	3.933358	130.8394
CGGA_11	741	1	2.767991	3.609562	4.650791	2.102405	2.46218	3.584634	109.9068
CGGA_15	750	1	2.312828	3.287345	4.598432	3.12846	3.535784	4.501777	119.4021
CGGA_10	753	1	8.315285	4.444265	4.46378	1.098084	3.38745	4.130113	156.4045
CGGA_16	766	1	2.802632	3.059283	4.422442	2.422965	2.876448	3.722794	109.8512
CGGA_90	774	1	3.260985	-0.00716	3.016008	2.339957	3.852535	3.981487	91.03589
CGGA_D:	782	1	2.159123	1.847053	3.984305	1.774202	3.360073	4.383792	95.88599
CGGA_11	784	1	3.188981	2.556388	4.003053	2.611701	2.983567	3.953043	110.0664
CGGA_P1	800	1	2.713286	0.976952	4.316378	1.688872	3.941086	4.889977	100.7197
CGGA_D:	827	1	2.72543	0.41244	5.046552	3.750766	3.675135	4.535111	111.6981
CGGA_82	836	1	2.267239	1.198422	4.354296	2.482113	3.289158	4.455722	99.25816
CGGA_D:	837	1	1.778217	1.998927	3.696725	2.428372	2.294829	4.214853	91.3749
CGGA_10	838	1	2.958297	2.600432	3.528395	2.277877	2.371732	3.195713	97.74201
CGGA_15	840	1	2.907585	0.989446	3.981674	2.275731	4.121387	4.582417	103.4555
CGGA_15	840	1	2.473816	4.369251	4.1127	2.577299	2.340927	3.892766	113.4539
CGGA_16	842	1	3.08244	2.595987	4.311396	1.634532	2.171724	3.530249	99.64939
CGGA_D:	860	1	2.367825	2.443212	3.411496	2.025222	3.23562	4.269675	98.60881
CGGA_P1	863	1	2.775781	2.32822	4.308318	2.193412	3.801638	4.670819	111.2375
CGGA_11	870	1	2.721457	4.933061	4.638508	3.355678	4.3122	4.548968	137.9013
CGGA_86	893	1	2.209156	0.925655	4.737053	2.069579	3.592274	4.167042	96.44945
CGGA_10	899	1	2.696148	5.492747	4.6948	2.51852	2.722695	3.509107	124.7694
CGGA_78	923	1	3.4479	1.936172	4.28297	2.112323	2.897125	3.621719	104.5865
CGGA_90	928	1	1.98657	1.292498	4.248457	1.844487	3.676595	4.443568	94.57242
CGGA_13	948	1	3.060487	1.483697	4.37003	1.764284	2.666879	3.755892	96.7488
CGGA_61	952	1	3.37919	5.900026	4.176732	2.755662	3.37772	4.016653	136.2703
CGGA_10	995	1	2.756206	1.614698	3.95229	2.297023	3.565494	4.089318	101.5879
CGGA_33	1008	1	2.496579	2.309239	4.666	1.635376	2.45163	3.11937	94.53305
CGGA_72	1023	1	3.273341	1.333622	3.478357	2.371881	2.852589	4.045627	98.52135
CGGA_J0	1028	1	1.919418	1.799688	3.606241	2.392175	4.037192	4.44554	98.67056
CGGA_14	1037	1	3.248597	1.836737	4.131124	1.727183	2.337448	3.318238	95.42288
CGGA_D:	1048	1	2.385921	1.839566	4.226336	1.750224	2.88646	3.949886	94.76348

CGGA_15	1049	1	1.767539	3.996182	4.263848	2.384426	2.638469	3.632577	105.3043
CGGA_28	1057	1	2.393453	2.671533	4.638508	2.153567	3.075612	4.216969	106.9264
CGGA_16	1058	1	0.690839	6.524613	4.662384	1.652926	1.528356	4.048319	107.9166
CGGA_17	1068	1	2.700917	1.191416	4.157719	1.730604	2.968369	4.191303	94.0796
CGGA_16	1079	1	2.269259	3.451046	4.166582	2.04107	2.706882	3.673986	103.4627
CGGA_13	1109	1	1.944788	2.71597	3.360624	2.336155	3.201133	4.198634	98.31609
CGGA_10	1120	1	2.121829	0.87725	3.850628	2.267987	3.496886	3.845807	89.93933
CGGA_33	1121	1	2.779915	4.086644	3.47493	3.076056	3.02487	3.717275	115.6373
CGGA_15	1133	1	2.528162	1.926585	3.750266	1.95679	3.433914	4.430461	99.59803
CGGA_J7	1134	1	3.241743	0.146292	4.141119	2.04107	3.338758	4.329053	95.70895
CGGA_14	1178	1	2.531375	1.677647	3.693521	2.983639	4.171363	4.753079	108.841
CGGA_10	1188	1	3.299544	0.867542	3.933152	2.713699	4.018646	4.537201	107.578
CGGA_14	1194	1	2.406054	2.887753	4.160829	2.251854	2.800701	3.500857	101.8497
CGGA_D.	1208	1	2.036073	2.58557	4.282098	2.322771	3.428227	4.431752	105.2286
CGGA_15	1217	1	2.232329	3.409415	5.242918	2.565604	2.592995	3.815939	112.4193
CGGA_80	1252	1	2.668684	1.421288	4.072437	2.582275	3.210078	4.089318	100.7424
CGGA_72	1258	1	2.566119	0.695783	3.659654	2.498227	2.966454	4.372831	92.9475
CGGA_11	1265	1	1.831412	1.196764	3.863674	2.006957	3.243636	4.374274	89.60697
CGGA_27	1314	1	3.04425	4.181167	4.266658	2.376564	2.486656	4.352268	118.9723
CGGA_40	1321	1	1.78527	1.904421	3.881234	2.752796	2.653182	4.03762	94.54552
CGGA_16	1333	1	3.118434	2.957623	4.498684	2.39418	2.983567	4.157063	114.3593
CGGA_70	1355	1	2.678591	8.038208	4.564925	3.354821	3.415308	4.404534	152.2908
CGGA_14	1362	1	3.445359	2.360849	3.964006	2.415803	2.938443	3.816456	108.4992
CGGA_13	1370	1	2.365972	2.855771	4.073884	1.688872	2.3751	3.508033	95.56833
CGGA_11	1373	1	2.604356	2.731771	4.041559	1.133627	2.26906	3.694477	93.34008
CGGA_10	1378	1	3.158884	3.317946	4.176245	3.241427	3.132787	4.331267	121.9912
CGGA_J0	1409	1	2.319955	5.024838	4.458384	2.19022	2.765895	4.293327	119.4606
CGGA_13	1428	1	1.941707	2.528473	3.882844	3.042159	3.42279	3.907846	104.0303
CGGA_90	1455	1	2.575414	1.571715	3.575303	3.350523	4.0547	4.590945	108.9575
CGGA_70	1507	1	2.49719	1.755358	3.925397	2.592166	3.732674	4.694334	105.7811
CGGA_10	1549	1	2.877221	4.335382	4.871608	2.645125	2.935327	3.644206	122.1869
CGGA_42	1560	1	3.225802	7.036262	4.773499	2.679271	4.08986	5.024462	152.7163
CGGA_15	1581	1	2.204891	0.899177	3.877037	2.315863	3.661848	4.360889	94.27922
CGGA_15	1588	1	3.400314	1.464183	3.90235	1.916653	3.71494	4.502149	105.4256
CGGA_15	1606	1	3.109783	2.744655	4.106642	2.136759	2.433946	3.310778	102.8936
CGGA_10	1611	1	2.700917	0.249207	3.486077	2.758714	3.71494	4.523839	95.64899
CGGA_14	1680	1	2.510334	0.322866	3.741682	2.352658	3.670721	4.313416	92.2959
CGGA_15	1686	1	1.227997	4.508462	4.027033	2.051517	1.572521	3.70289	96.95346
CGGA_J5	1693	1	2.234412	1.279493	4.167464	2.610085	3.621482	4.318358	100.0044
CGGA_11	1765	1	2.825155	0.925655	3.848704	2.179503	3.169774	3.924036	94.07419
CGGA_63	1812	1	2.470799	1.196764	4.256684	2.035243	3.349456	3.7592	94.35042
CGGA_79	1868	1	2.823915	2.287352	4.541769	1.825732	2.8251	3.885835	102.584
CGGA_13	1924	1	3.491508	5.513699	4.863037	3.588958	4.434972	4.747012	151.5895
CGGA_12	2067	1	2.511967	2.837635	4.474979	2.683715	3.11296	4.103357	110.9673
CGGA_73	2118	1	2.099785	0.903629	4.007688	2.39418	3.346802	3.902389	91.26575
CGGA_14	2154	1	1.824586	3.823705	4.193154	2.474135	3.350694	3.964917	109.3214
CGGA_10	2156	1	3.588679	5.845005	4.447356	3.467621	3.857353	5.131992	150.8118

CGGA_12	2279	1	1.91086	4.831159	4.1728	2.855292	2.308059	2.418291	107.0277
CGGA_12	2292	1	2.238567	1.152154	3.762684	1.872071	3.593332	4.265429	91.92583
CGGA_19	2304	1	2.661555	1.415454	4.019947	1.634532	2.851087	3.920685	92.04768
CGGA_48	2511	1	2.523328	0.742306	4.008715	2.553791	3.534667	4.341824	97.36335
CGGA_33	2549	1	2.972537	1.609719	3.847507	2.254044	3.205505	4.422029	102.4668
CGGA_72	2552	1	3.252009	1.45855	4.168786	2.240839	3.392538	4.167565	104.8964
CGGA_63	2633	1	3.028814	1.617181	4.150124	1.800249	3.238584	4.051851	100.0948
CGGA_42	2832	1	2.391642	0.464457	4.032567	2.434284	3.397641	4.242466	92.95453
CGGA_89	2982	1	2.14345	0.912487	4.067111	2.356677	3.828175	4.284628	95.51958
CGGA_32	3005	1	2.711918	0.315697	3.99736	1.992872	3.035095	4.222912	89.88369
CGGA_90	3174	1	2.282484	3.201126	4.297624	1.843527	2.813089	3.760122	102.3007
CGGA_68	3239	1	2.537152	0.962486	3.501039	1.864647	3.486578	3.932206	89.50762
CGGA_70	3299	1	2.638435	0.5623	4.173619	1.948303	3.704534	4.32639	94.77754
CGGA_64	3411	1	2.918188	1.36037	3.796555	1.51414	3.202477	4.052009	93.71532

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