

<u>Subject Number</u>	<u>Baseline</u>	<u>Week 12</u>	<u>Week 24</u>
<b>1</b>	19	18	19
<b>2</b>	6	19.5	15
<b>3</b>	2	3	1
<b>4</b>	10	3	0
<b>5</b>	1	0	0
<b>6</b>	4	2	2
<b>7</b>	6	6	1
<b>8</b>	6	0	
<b>9</b>	7	0	14
<b>10</b>	3	2	4
<b>11</b>	3	2	2
<b>12</b>	11	7	8

Supplementary table 1. Dermatology Life Quality Index (DLQI) scores of individual patients at baseline, week 12 and week 24

Supplementary table 2. RNA sequencing results of AA patients treated with tofaciti

Gene	Patient 5 T0	Patient 5 T36	Patient 7 T0	Patient 7 T24	Patient 9 T0	Patient 9 T24
SERPINB3	68.5684	35.8731	9.79123	18.8551	35.02	41.1832
INSM2	0	0	0	0	0.0630056	0
C10orf54	14.7542	21.115	13.8349	16.1345	17.6469	16.4335
CD33	3.27541	4.37599	4.10399	2.6724	9.35302	5.75136
TRIM55	4.06415	2.82379	5.5364	4.59611	5.65901	7.75946
UBE2C	8.84138	15.6203	7.27794	13.8952	10.1561	14.5613
SLC25A2	0	0	0	0	0.146631	0.047822
CCDC43	12.4258	10.107	10.8228	11.8028	11.0307	11.6895
RPS23	175.063	209.294	209.13	282.746	214.236	197.404
GLYCTK	5.5093	8.34608	4.47088	2.71972	4.30959	4.26941
RAD23A	69.8611	87.6622	66.2799	86.9522	67.2946	67.1778
ZBTB7B	70.3188	71.478	86.6932	90.5851	96.087	90.226
JOSD1	14.0977	19.6845	18.6978	21.9819	20.4216	19.5522
LOC10013137	0.187624	0.368634	0.647036	1.11578	1.03566	0.818435
LOC400986	0.870846	0.908052	0.953155	1.47804	1.15715	1.03725
NPC1L1	0.196597	0.292988	0.50022	0.274886	0.544435	0.411774
TAGAP	2.1353	1.91478	2.06403	0.553894	2.24805	0.731052
MIR302D	0	0	0	0	0	0
CSAD	33.7921	53.0875	38.9203	40.1023	47.8389	43.4834
FAM149A	2.35992	4.31672	3.89408	3.1215	2.01033	1.36741
PDXDC2P	14.4738	14.0146	15.7131	15.3809	18.248	14.7454
MIR3199-2	0	0	0	0	0	0
CORO1A	22.2948	28.7851	17.0951	11.2245	36.765	16.9323
KCNA10	0	0.0467692	0.0400441	0	0.0336911	0.0329638
CYB561	47.7681	40.163	34.5742	37.7006	37.8046	38.8792
SNORD8	0	0	400.748	0	0	0
CNTROB	12.6618	16.1674	14.0919	17.5707	17.9059	17.2947
TECTA	0.132808	0.130467	0.189902	0.0969925	0.187969	0.119543
MCOLN2	3.39181	4.26756	2.64168	1.99053	5.02677	2.23557
FRG2	0.0164537	0	0	0	0	0
HECTD1	23.9609	16.7209	23.5111	17.8748	21.0857	19.9085
TBCK	7.62604	5.17706	6.88534	5.02785	7.53708	8.54627
CLPTM1	56.9402	56.2973	52.6177	58.6966	56.5792	58.3781
GDPD4	0.0796034	0	0	0.0373732	0.12675	0.0248027
LGALS7	1182.59	2225.15	1846.79	3217.37	2158.66	2679.49
DDIT3	31.0273	42.2769	28.0923	38.9189	31.5759	27.2056
AXIN2	8.05826	9.41829	12.5653	11.2744	15.9966	13.9917
IK	28.4271	28.2633	26.8384	24.8291	31.2574	29.6468
EIF3CL	60.7452	63.2212	74.2372	83.1593	83.8865	85.8979
MIR4693	0	0	0	0	0	0
EIF5AL1	34.4888	31.1004	27.168	28.6561	25.4515	28.0427

SHANK3	12.7957	21.7787	15.0185	13.1902	16.7318	12.1307
LOC339166	0.459537	0.355507	0.043484	0.107875	0.0731705	0
GJB3	84.9434	101.708	98.879	111.512	100.9	103.101
SGPP2	36.4259	26.9069	26.7948	21.0144	20.8739	25.8501
PPFIBP1	16.6197	15.8845	17.8502	17.8177	19.9621	16.8968
FAR1	15.0623	12.9786	14.7429	10.0339	14.959	12.443
LOC729724	0	0	0	0	0	0
H3F3C	45.4567	46.291	51.2433	53.0711	58.8799	52.0801
MAP3K14	11.3049	17.2284	10.3153	7.51797	14.2903	9.39757
CENPE	0.824168	0.786972	0.582307	0.660378	0.811872	0.780652
FXYD2	1.52901	1.64983	8.31E-13	0	2.10369	0.73111
ARL17A	2.9814	3.21037	3.37937	3.6174	6.27875	5.97553
C1orf133	5.20132	8.22188	4.53401	5.91995	4.21623	3.43768
ACSL6	0.653262	0.643988	0.509376	0.316407	0.376574	0.259239
MIR429	0	0	0	0	0	0
PCDHA3	0.121069	8.25E-14	0.123115	0.109767	0.122581	0.0616313
LOC10065291	0	0	0	0	0	0
RAB9A	31.0404	26.5616	29.4345	28.3019	28.6209	29.4539
C9orf37	9.99249	13.4499	9.59659	8.12242	9.40393	8.0392
EIF4EBP2	38.3042	36.587	43.8432	33.8945	35.2889	30.6288
SLC6A17	2.02807	2.62357	1.9529	1.79232	1.852	1.73768
SNORA73A	11.8254	27.8807	26.8556	14.8051	7.53165	17.1945
PRKACA	44.9661	41.7907	38.2913	35.0314	34.9531	33.8312
LRRC4C	0.264378	0.0637489	0.218329	0.157975	0.122461	0.10484
RNF138	7.81326	9.16724	7.37283	6.62076	7.99584	5.69377
SNORD115-4	0	0	0	0	0	0
MIR3689D2	0	0	0	0	0	0
MAPK1	34.1243	25.9615	33.2548	26.5329	30.1414	27.9009
C20orf107	0.769845	1.87178	0.737577	1.08431	1.2292	0.239867
MIR3167	0	0	0	0	0	0
PPP2R3B	6.40298	4.42311	5.15624	8.39938	6.8212	4.9909
ACADL	3.40353	2.83007	5.49038	1.78816	3.35482	2.14619
VIT	4.68902	3.50077	6.94285	3.86256	5.46387	3.79048
LDB2	15.1688	14.4689	12.7209	8.99522	11.2133	8.18322
PRDM8	2.74968	2.01176	2.46369	1.98939	2.64859	2.3035
WNK4	0.721754	0.988071	0.458247	1.92384	1.06767	2.5245
MIR4532	0	0	0	0	0	0
MIPOL1	1.25216	0.649637	0.792724	0.557966	0.856016	0.448145
AQP7P3	17.5521	26.8968	19.0434	14.5573	11.3646	8.20273
CBS	2.04056	2.11616	1.63376	1.64229	1.70755	2.76242
PRDX6	169.98	160.151	155.745	141.629	129.057	138.361
C10orf136	0.305402	0.180011	0.0770636	0.0955892	0.129675	0
TKTL2	0	0.0315439	0	0.0335007	0	0

FUT1	1.7854	1.61901	1.73276	1.61198	1.77859	1.59755
C14orf176	1.26817	1.30724	1.01272	1.5878	1.7935	1.22913
MTMR14	17.5085	21.0488	18.2204	18.3551	20.2021	16.6717
ST13	66.2659	57.4149	59.7147	63.1975	52.4971	51.5557
MIR4639	0	0	0	0	0	0
ZKSCAN4	3.11834	3.1509	2.96761	2.38428	4.59637	4.02528
MIR520C	0	0	0	0	0	0
TNNI1	0.20235	0.344049	0.424538	0.511987	0.406461	0.64988
TGFBR2	46.7285	34.3704	38.392	25.6616	29.1775	21.5488
QSOX1	34.7156	26.2136	34.7678	27.0571	36.7653	41.0297
C17orf76	0.575034	0.984758	1.79505	1.16558	0.574936	0.49273
GPC5	0.0691625	0.0305746	0.0785346	0.0324713	0.110125	0.129298
MIR3936	0	0	0	0	283.839	555.425
VPS25	62.7707	68.8432	48.5422	53.6625	52.7971	55.7226
CNTN6	0	0	0.273905	0.0522693	0.0531807	0.104066
IGLL5	2.08266	4.49574	4.12729	0.746488	1.53732	4.82429
ACOX3	15.6465	15.2401	11.029	12.0256	11.1289	13.9889
MIR320C2	0	0	0	0	0	0
EEF2K	19.0521	24.5755	39.9774	30.8794	37.0155	28.0432
LOC10062830	0	0	0	0	0	0
SNX2	30.8514	25.2531	28.9297	21.2128	23.9597	21.675
EVI2B	5.85662	5.59047	4.86508	2.8713	8.08742	3.84338
DDN	0.104675	0.0694368	0.118838	0.0246562	0.0999843	0.0489253
SEZ6L2	1.68248	1.30146	0.950532	1.20625	1.1091	0.973679
SULT1A2	1.27488	1.99714	2.07406	2.49824	1.86033	1.8434
NCCRP1	112.668	65.9299	109.046	110.82	152.408	138
BZRAP1	3.58476	4.8029	3.6316	4.51577	4.26869	2.96665
MRPL21	59.4399	60.0669	55.757	68.6724	53.9905	54.243
MAPK7	9.46186	14.9044	10.8665	13.8277	16.241	13.5667
RNPEP	32.9918	39.115	37.4624	48.8329	44.859	45.3555
SLCO6A1	0	0	0	0	0	0
LOC10065274	2.09511	1.53962	3.02783	1.96727	2.87673	2.06858
LOC96610	7.03727	6.22199	7.07713	6.70444	7.28922	7.73035
OR1E2	0	0	0	0	0	0.170812
HPCA	0.465125	0.34249	0.176011	0	0.0987046	0.144805
SLC1A4	9.78902	12.3539	8.44051	11.7546	10.2255	10.9147
PIPOX	1.59575	1.48511	0.635784	0.630897	1.09658	1.88413
GPR174	0.35374	0.234566	0.267783	0.083039	0.168974	0.275545
ATF5	24.7113	27.2098	19.5239	21.0464	20.1945	16.4963
PAPD5	2.92673	3.13967	2.83277	2.70959	3.31074	2.49774
NCAPD2	10.6318	12.4208	11.0912	10.738	12.3397	12.8122
HSFY1	0	0.111029	0	0	0	0
HNRNPUL2	48.5603	44.694	40.7569	46.2035	43.4122	39.1445

C10orf91	0.528852	0.623437	0.66724	0.662112	0.673658	0.549264
B4GALNT4	1.33884	2.2415	1.6173	2.78177	3.50156	4.02952
STX12	44.9078	42.2396	38.1412	33.2139	31.967	25.8768
RALGPS2	7.19253	5.64777	8.9752	6.16774	7.59311	6.90732
LOC10050620	58.7935	63.9877	43.3753	57.5525	57.6264	51.3908
OR4K13	0	0	0	0	0	0
CALR3	0.0862044	0	0.130514	0	0	0.0537189
TULP3	9.70204	13.2499	12.2488	10.5185	16.3831	16.1686
PCA3	0	0	0.0198427	0	0	0.0490029
SNORD116-2	0	0	0	0	0	0
SLFNL1	0.174315	0.445541	0.209351	0.285783	0.656068	0.44773
FAM75A2	0	0	0	0	0.00732563	0
KIAA0317	8.81714	6.6713	8.12307	7.47497	9.29384	7.72006
AATK	2.20174	2.61623	1.97651	2.10207	3.24836	1.79659
PAK1	21.9638	18.0418	15.8525	16.8871	18.2601	16.9285
PLD2	21.5174	28.9122	24.9122	27.6192	33.8221	25.1104
MLLT10	15.1165	16.2921	16.6283	15.4186	17.3063	15.2824
C14orf50	0.852664	1.23361	1.99509	1.09178	0.641806	0.869472
CLIP1	32.66	22.3319	29.7776	26.3224	27.7774	28.3361
PARN	15.0546	13.3641	13.6851	14.3857	13.6737	12.4867
CRKL	19.4111	15.2783	19.2325	19.5153	18.5963	19.7252
RAD54L	1.46302	3.11245	1.61586	2.6746	2.46858	2.53708
MIR3182	0	0	0	0	0	0
EED	12.1166	12.3193	11.4649	10.262	12.7923	12.7818
GTSE1	1.81534	2.33712	1.15724	1.67468	2.21099	2.28234
ST8SIA3	0	0	0	0	0	0
MIR519C	0	0	0	0	0	0
DYNC1H1	24.8312	20.6546	28.2678	20.7275	25.9009	24.1653
LOC10028731	0	0	0	0.0515621	0.0699484	0
LOC10050571	0	0	0	0	0	0
OLA1	9.77561	8.51802	11.318	10.455	9.97278	9.11159
FANCL	11.1865	17.756	11.124	16.4486	14.3969	11.1508
GREM2	0.999882	0.863473	1.26739	0.742365	1.08113	0.869419
C12orf52	12.4776	14.6395	11.9077	14.8258	12.0148	13.7822
OR51Q1	0	0	0	0	0	0
PCDHGC5	0.359369	0.141932	0.405635	0	0.511681	0.525217
PTPRU	5.16928	4.30095	7.52454	8.03059	7.58894	5.92488
C9orf100	2.12007	4.09748	1.76941	2.72347	3.39436	2.52685
FAM57A	24.9313	37.0003	35.6119	44.2191	43.8245	41.2756
LOC10012831	1.09435	0.772958	1.02774	0.546128	0.631697	0.585428
FADS1	331.48	225.005	187.867	156.218	99.4907	183.474
OR4C11	0	0	0	0	0	0
LOC10050581	0	0.168059	0	0.178485	0.242129	0

PRRG4	15.2023	10.8048	11.4295	11.9959	12.023	16.0735
HSPB11	31.5183	37.5776	24.7633	30.2678	30.8717	25.4441
GAS1	24.3985	24.4437	36.2982	23.805	32.9907	27.8119
LOC10063091	2.75581	6.63274	3.94054	4.31278	4.63176	3.53002
C9orf140	9.89487	16.0989	9.4017	16.7144	11.2398	13.1744
KIF18B	1.0527	1.46257	0.512292	0.917862	1.31699	2.48342
ASTE1	4.16599	4.19829	3.60618	3.61246	4.70796	3.55896
FAM151B	0.866779	0.87583	0.56242	0.523216	0.90695	0.733047
LOC10050749	5.46842	6.04353	5.13964	6.1444	5.97761	6.33676
KRTAP21-1	0	0	0	0	0	1.35462
PRG3	0	0	0	0	0	0
SLC35B2	25.2754	27.2186	21.8124	28.6698	27.2057	25.0749
BMPR1A	9.63086	6.02049	9.0568	7.87144	7.6372	7.50616
LPPR3	0	0	0	0.0404433	0.10973	0
CEP170P1	2.15881	1.3352	2.12311	0.713235	2.26719	1.20996
MIR3129	0	0	0	0	0	0
ABHD16B	3.36856	6.5313	3.22108	5.82663	5.75886	6.29744
LOC10013080	9.61E-10	0.138408	2.24E-09	2.43E-07	1.04E-08	6.40E-05
LOC10050735	0	0	0	0	0	0
MIR4656	0	0	0	0	0	0
SYTL4	3.90025	3.77233	4.00265	3.51481	2.96753	3.37648
MED14	9.99747	9.5114	11.3202	10.5642	11.7304	9.15196
OR2G2	0	0	0	0	0	0
LOC255130	0.0787176	0.417991	0.0596523	0.666239	0.200501	0.196377
TSPAN16	0	0	0	0	0	0
C16orf61	38.8288	37.458	24.3465	27.8043	22.7002	23.4696
BCAN	1.34868	4.21947	1.53478	2.67546	1.91652	1.70049
COL28A1	2.40451	1.1124	2.34936	2.23154	2.65331	2.29985
VRTN	0	0.0254843	0	0	0.0183581	0.0538856
CHD6	6.63899	4.3863	7.14042	5.93584	7.47482	5.82704
GADD45A	23.2727	25.8475	21.983	17.2488	21.5991	21.9819
CDK17	8.26623	7.92451	7.70906	6.5402	7.88448	6.79436
CLLU1OS	0.195727	0	0.296333	0.183785	0.249319	0.121969
GSTO2	23.7524	32.0106	21.7932	32.55	24.0727	24.7028
LOC10050733	0.786502	1.46959	0.611231	0.461571	0.244594	0.0287177
MAT2A	123.246	135.386	115.755	104.573	130.576	98.7176
MIR920	0	0	0	0	0	0
LGALS12	24.717	31.5508	31.4135	12.4135	10.1332	8.04736
ABCD4	11.7899	19.5406	14.1959	14.9741	17.0452	15.9374
TAF9	61.9182	62.6845	55.2499	49.3486	51.2803	51.2417
PRKAR2A-AS1	0.42558	0.47661	0.536944	0.31969	0.433687	0.247523
TEX22	0.391599	0.692454	0.266798	0.404476	0.823058	0.512458
ZNF322	4.33449	3.38038	3.54434	2.91809	3.98468	3.18516

SCIN	0.62379	1.06846	3.2851	1.97995	2.51453	2.70547
MIR548AL	0	0	0	0	0	0
RNF13	28.745	25.9475	26.4783	22.6841	22.7731	21.9946
BTBD6	53.4241	84.0456	66.6905	78.4175	66.6071	55.5202
LOC1005073:	5.90287	6.48727	4.07469	5.63779	6.78858	6.65391
MXRA5	11.2213	8.3031	18.5203	16.2164	15.2937	14.2373
RBAK	6.16041	4.50324	5.89174	4.48645	7.04296	5.20576
ACSBG2	0.0738981	0.206108	0.0559412	0.277556	0.122213	0.345376
GSTTP1	0	0.322181	0.0689636	0	0	0
GRM5	0	0	0.0365695	0	0.00769151	0
TAF13	34.6241	19.3576	26.0175	15.7774	17.8365	21.2587
MIR3160-1	0	0	0	0	0	0
LOC147670	1.70509	1.47227	0.780354	0.881258	0.512279	0.370603
GBA3	0.214884	0	0.0690637	0	0.0581066	0.169956
ACCN5	0	0.055221	0	0	0	0
CCDC124	63.1946	83.5448	59.866	84.5941	62.0092	85.0877
NR6A1	0.446593	0.83255	1.1294	0.473674	0.704778	0.513781
KIAA0125	0.0883667	0.0868091	0.0297307	0.0184389	0.0875486	0.0611848
PLCL2	3.23301	1.83346	2.78353	1.55325	2.48323	1.4153
BTG1	51.6212	49.2761	58.2565	54.0793	60.2278	57.2537
LOC1005057:	11.8704	13.7876	13.567	9.17915	4.74373	9.62209
INTS1	14.8532	20.4226	21.2064	20.8819	22.7894	22.6604
DHFR	7.53441	7.12071	7.64856	5.79314	6.99481	6.6998
HAUS2	6.67001	6.43506	6.98289	6.26297	5.80954	4.90741
ZNF225	2.34688	1.3617	2.02644	1.5839	2.21876	2.42223
TTYH1	9.75227	7.30372	7.4382	16.5954	8.78007	8.64164
RANBP1	32.5301	37.1701	26.3993	36.3695	30.4634	29.2045
ACER3	7.34257	5.59236	6.34524	4.96325	5.07093	4.4791
LOC1005061:	2.86751	5.14352	3.76143	7.27859	2.26163	2.48279
C15orf40	18.1369	22.0037	16.7082	19.4067	18.1981	18.6475
MLLT6	35.3766	40.6286	37.059	34.9664	44.7647	33.8479
PPP1R14D	1.22479	1.50053	0.804836	1.30446	0.433374	1.0733
AGT	2.29776	1.20515	1.88682	0.987357	0.421673	0.728067
FOXD4L4	0.0106271	0.0220801	0.204501	0.0803322	0.0805613	0.0609328
LOC283761	0	0	0	0	0.0515789	0
ITSN2	10.0228	7.20528	10.1565	6.62069	11.3922	8.96399
FAM70B	1.80836	4.49672	3.42234	3.28991	6.91051	4.71885
TSPAN13	31.0063	22.2889	29.0191	26.0849	19.365	21.7072
RABGEF1	19.0694	19.3782	20.7694	19.9222	23.4375	20.7916
IL1R1	27.2562	19.9949	25.3671	15.9172	27.3921	20.4775
SESN3	5.57068	2.89991	4.61115	3.61755	3.51484	5.41805
FLJ12334	0.494269	0.116534	0.424053	0.0928222	0.503685	0.369609
CNO	8.31675	13.3582	8.55183	9.17592	9.00487	9.58789



LOC10050674	15.4965	17.9867	19.6257	19.7231	24.2769	18.9474
HOXD3	1.28382	1.87875	2.11129	1.87059	2.73498	1.98627
SELS	93.8895	85.0521	83.778	69.9894	60.0374	65.9422
DYX1C1-CCPC	0.544549	0.341096	9.21E-06	0.000782197	1.11689	0.162241
WNT6	0.745454	2.03217	1.31673	3.61651	2.8487	2.47752
LOC10028925	1.05224	1.05437	1.91172	2.17368	1.87649	2.71027
TAS2R43	0	0	0	0	0	0.0353887
TEKT4	0	0	0	0	0.0473797	0.0231785
ERLIN1	19.3199	17.5754	19.8988	16.8371	20.3514	20.1631
C8orf22	1.14199	1.32035	1.66249	0.907342	1.28684	0.492675
MIR567	0	0	0	0	0	0
SYN1	0.37519	0.66268	0.189254	0.322754	0.477461	0.194685
KRTAP4-1	7.91765	1.71118	0.399581	57.8243	0.672373	721.343
MIR367	0	0	0	0	0	0
LOC389247	0.162902	0.864168	0	0.152963	0.518767	0.406056
LINC00176	0.384737	0.744783	0.747317	0.961274	0.95458	0.855366
TMEM120A	39.4708	42.4297	30.5249	35.7223	31.8126	30.2518
AZGP1	414.456	252.653	281.16	362.579	275.998	354.507
ATAD3A	13.1552	20.0246	13.5389	22.848	14.7342	17.908
CDAN1	5.80388	6.82986	6.06436	7.38787	7.84861	7.34808
HDHD2	27.6303	21.2408	20.7745	19.7002	19.0594	19.3776
HYAL1	10.2809	17.5375	11.5915	16.5241	8.35715	8.37604
EBLN2	1.51229	0.278556	1.66951	0.887509	1.48491	1.33506
SP5	2.07732	1.55407	4.55633	2.00058	4.78335	2.62218
LOC10028701	1.85108	1.93417	0.828026	1.42211	1.84883	1.36324
MEG8	0.325536	0.287818	0	0	0	0
ZBTB2	5.27039	4.43244	5.81428	5.61268	5.89477	4.66609
ZNF518B	5.93093	3.20451	3.76224	3.37752	2.78936	2.40405
AIM2	1.5992	0.771227	0.22011	0.204767	0.231487	0.362384
FANCB	0.432443	0.353399	0.302583	0.223332	0.400993	0.324415
RDH10	12.7714	9.93866	10.7423	9.98049	10.0836	9.34574
CIITA	5.17573	5.67871	4.46878	2.71297	7.40046	2.88852
RPL15	516.585	653.719	600.085	778.316	589.184	543.971
LOC10050621	0	0	0	0	0	0
ZCCHC18	0.516594	0.434282	0.328362	0.566644	1.3478	0.275348
CLMP	46.3511	25.6269	34.7974	22.7824	20.7799	23.4799
CD109	12.0988	9.62806	16.4564	11.6494	14.4654	15.3405
C17orf78	0	0.0495228	0.0424019	0	0.0713495	0.0349047
VPS26A	43.8494	35.143	38.9232	32.9879	36.7174	33.7552
LONRF3	0.619634	0.480068	0.760052	0.461775	0.544965	0.381854
JAGN1	38.0488	34.487	29.9147	35.3076	26.7544	28.5639
RNF152	3.7713	1.59023	2.63529	2.99639	2.03243	2.71167
LOC79015	0.881209	0.692542	1.853	0.275814	0.623608	0.244059

ZNF664	42.7194	32.8657	32.8319	32.3565	28.9909	36.2823
DLX1	0.853464	1.24295	0.263084	0.922956	0.221346	0.964963
RFPL2	0.36887	0.333772	0.0564482	0.0350075	0.421424	0.334577
FLJ26850	0.151095	0.467561	0.17157	0.35469	0.481167	0.423703
AKAP7	2.40972	3.00643	1.98073	2.34462	2.32014	1.79763
SPG21	61.3864	58.023	55.9914	64.1387	55.6814	51.3501
FBXL3	23.3848	17.8126	23.5264	16.475	23.7774	19.5391
DUSP6	36.7478	28.7727	39.7767	24.0408	29.0572	29.6743
ZNF672	13.0206	16.3986	13.5786	16.8428	16.1755	14.96
ADAMTS14	1.09767	1.11401	1.03857	0.996362	1.08345	0.991687
TEX101	1.1402	1.72518	0.294604	1.46823	2.0946	2.47859
SPRYD4	13.4093	12.3299	10.0402	10.8513	10.0001	8.69037
UBN1	14.4199	12.1549	13.6084	13.7833	13.6438	12.6901
ANP32B	86.9186	89.6463	77.8517	80.6885	80.7126	75.6492
NUP62	18.6494	20.4026	17.7306	18.7512	20.4541	20.942
PRPSAP2	17.955	15.4851	12.8415	13.6013	17.8199	17.1264
LOC1001308:	0	0	0	0	0	0
GABPB2	4.14029	3.51979	5.14334	3.23972	4.53019	4.49856
GPR27	1.21392	0.985212	0.6897	0.570075	0.644925	0.945533
LOC340037	0.479569	0.264996	0.588131	0.390883	0.404545	0.302918
KLRG2	1.66585	3.00705	2.41703	2.28114	1.81253	2.42221
GSR	8.98548	6.36665	7.40036	8.90759	7.6172	6.75043
GALR2	0.51102	0.677718	0.386845	1.11963	0.867924	0.477669
METTL15	4.87045	4.72094	4.57716	3.91093	4.89706	4.62177
ZNF451	9.58324	9.39086	9.12788	6.48172	10.0652	7.31373
ING3	9.34675	8.02511	8.05675	6.65189	8.07904	5.71792
ZNF721	7.05535	5.14535	6.66498	4.99873	8.3468	5.8119
IFFO2	58.9365	54.6096	85.8126	79.9043	74.9764	109.836
SCN3B	0.846566	0.766959	0.743311	0.858453	1.09941	0.833309
NME3	47.5553	107.359	55.747	90.4996	91.894	63.6566
FAM19A2	0.888807	0.339817	0.563724	0.496234	0.902678	0.553867
SMARCE1	46.4637	41.3879	40.9565	35.5537	42.7543	39.863
POLD3	7.20332	7.56127	6.30022	6.11706	5.86731	5.88373
MIR3938	0	0	0	0	0	0
UPK3A	0	0.392505	0	0	0	0
PRAMEF4	0	0	0.0429758	0	0	0
LOC10050730	0.892006	0.783989	0.580159	0.475785	0.648324	0.710449
FGF19	0.0480003	0	0	0.0450715	0.0611433	0.0598235
LOC340113	0	0	0	0.14494	0	0
AKR1D1	5.83248	0.442721	0.174957	0	0.111478	0.174513
TP53I3	8.0293	17.1044	10.7862	11.4783	12.859	15.2027
ERP27	6.91324	2.22264	1.05724	1.11469	2.80196	3.22015
MIR526A1	0	0	0	0	0	0

SCN10A	0	0	0	0	0	0
LOC344967	1.78162	1.40017	1.19884	1.11527	1.38688	2.59053
MIR4690	0	0	0	0	0	0
ACOT11	1.40087	2.00812	1.93535	2.10301	1.69854	3.24787
RPP25	4.35593	5.43025	3.19854	4.04925	4.16148	3.28446
RPSA	446.344	639.078	437.472	713.759	538.319	496.286
MIR1297	0	0	0	0	0	0
SRRM1	34.9569	37.1948	37.3994	36.9008	39.8407	32.1267
UBE2CBP	2.16662	2.36928	1.81279	1.87381	2.3241	1.70545
PPAPDC1A	0.706324	0.374692	0.908976	0.596905	0.764765	0.836288
SETMAR	11.1022	15.62	12.3911	12.0493	11.2965	9.50715
LOC644189	0.0611335	0.216201	0.27767	0.17221	0.0389363	0.152383
KPNA3	13.5619	11.3968	12.5789	10.1916	9.87952	9.61226
ZNF669	3.12319	2.65811	2.87384	1.37885	2.18284	2.06064
BCL7A	8.40503	8.1197	9.20852	10.2496	8.14094	9.6051
TCP11L2	8.88508	5.77979	9.3398	5.44669	7.15433	12.3072
LCA5	1.42181	0.900791	1.30076	0.757575	1.29736	1.09751
LOC284889	2.3792	3.14374	3.24351	3.66849	1.17782	0.610168
BMP3	0.384533	0.946031	0.329062	0.109891	0.138428	0.156277
GRB10	7.14379	7.7971	6.60376	5.8526	7.85797	6.46001
LOC201617	0	0	0	0	0.0236467	0.0462725
CTNNA1	95.3112	79.483	88.9332	74.5675	84.1043	83.5698
SSX8	0	0	0.0567256	0	0	0
POLM	11.8873	13.9004	10.3341	12.3142	15.8505	13.8118
CD163L1	1.22519	0.93382	1.45517	0.75373	1.18395	0.982895
PATL1	13.5745	12.5852	12.0779	10.8871	13.9745	11.4698
MIR4662A	0	0	0	0	0	0
ANKRD30BL	0	0.0674012	0	0	0	0.0475057
CHEK2	5.11047	8.26065	6.26149	4.85308	6.33001	7.27554
NGFRAP1	66.839	72.6557	71.3658	78.4228	67.6974	74.3733
CAPN1	77.9328	86.1195	76.8913	88.6809	92.6938	85.4103
ALOX12B	18.0728	12.0198	21.1326	17.0459	26.0532	23.4546
SNORD126	0	0	0	0	0	0
OR6B3	0	0	0	0	0	0
IRAK1	60.7796	51.3834	32.9262	39.9789	33.8277	37.1808
7-Sep	61.783	56.8716	62.7097	46.9831	54.2023	51.3015
CNTN5	0	0	0.0749626	0	0	0
TCEA3	36.0647	38.2514	47.6242	49.7222	45.3254	34.4937
SNORD58C	0	0	0	0	0	0
LOC728208	0.214058	0.0378513	0.0648172	0.0401994	0.0545339	0.266784
OVCA2	38.7387	60.8671	33.6806	64.2522	49.7736	48.084
C17orf97	3.74918	7.23226	4.38623	4.96059	5.13754	5.73462
LOC10050658	0.0225761	0.0199603	0.0512707	0.0211986	0.0287577	0

DTX2P1-UPK3	7.16848	9.68605	6.03162	3.63182	6.8689	6.09662
MMRN2	14.8932	18.3935	14.4804	14.5526	13.3391	10.7455
MIR548A2	0	0	0	0	0	0
FLJ39582	2.48528	2.7396	3.58203	3.25268	2.15167	1.88621
FBXO11	22.0483	21.1106	25.0307	17.5334	23.4851	21.1308
TOX	0.989595	1.47906	1.14153	0.707973	1.33559	0.734136
OR2B3	0	0	0	0	0	0
OR4X1	0	0	0	0	0	0
CCDC147	0.387168	0.342309	0.270543	0.22372	0.284526	0.408297
HLA-DQA1	71.531	59.7399	10.016	3.72088	32.1433	14.1219
PLA2G12A	10.9732	9.6693	11.0061	9.73411	8.62782	8.75085
ZNF431	7.14047	5.72902	9.06026	6.156	8.98233	8.96262
TRAPPC1	82.5946	105.545	82.7525	109.585	82.1954	87.5392
ZNF595	3.45331	2.899	3.06307	3.70115	4.73211	2.93449
FER1L5	0	0.0651399	0.0111547	0.0276723	0.0281549	0
LOC10050701	0	0	0	0	0	0
RAP2B	5.63866	5.4595	6.59994	5.98522	6.71416	5.64305
SNORD103A	0	0	0	0	0	0
PHKA1	3.2533	2.8618	2.82563	3.06935	2.96396	2.4784
SRD5A1	90.3068	74.2438	72.862	55.3285	55.108	58.4452
HK1	52.8209	48.6518	55.8645	59.2669	53.0567	48.3126
GULP1	6.87145	4.84008	6.28093	3.96234	5.64764	5.82778
GPR31	0	0	0	0	0.157681	0.0771386
LOC10050559	5.39223	3.85731	1.41013	1.70308	0.124885	0.183284
LCN8	0.131177	0	0	0	0	0.0817441
POP5	33.959	42.2531	35.1618	35.4951	36.8003	34.7212
C1GALT1C1	13.4395	9.57965	9.02298	7.25225	7.74639	6.8592
CDC7	4.16301	4.20147	3.12676	1.99041	4.74811	3.85187
PMPCB	26.2945	26.5353	23.5968	23.6891	24.681	22.0696
SETD1A	6.60355	8.86239	7.81222	7.28505	8.10049	7.11369
SPAG17	0.454019	0.330577	0.667173	0.601859	0.399732	0.474317
LAIR2	1.44622	0	0.640189	0	0	0
MYC	30.2383	31.968	42.6966	35.1996	30.8962	29.5077
PHTF1	2.6196	2.36995	1.19905	1.28709	2.15345	1.44261
NUP93	11.6565	11.6017	10.4753	12.1614	10.8973	11.1931
ANKRD26P3	0.078838	0	0	0	0	0.0163762
LOC10012908	0	0.734399	4.20E-296	3.22E-105	1.04E-79	3.02E-129
CDY1B	0	0	0	0	0	0
PRPF8	43.1519	35.4213	44.683	37.4514	41.8108	37.3348
SOS2	11.6922	8.75327	11.5502	8.03864	10.3402	8.63953
OR52E2	0	0	0	0	0	0
TAB1	12.9768	16.4584	13.508	16.892	18.36	16.1447
SFRP1	164.595	58.8047	84.4025	118.385	89.3523	87.3559

XRCC6BP1	5.56328	8.19784	9.16187	7.42334	11.2516	8.63659
OR6P1	0	0	0	0	0	0
SNORD115-3'	0	0	0	0	0	0
AJAP1	0.18171	0.188269	0.312079	0.292496	0.086799	0.176222
CALM2	394.414	335.362	346.238	358.503	323.842	285.97
SARM1	3.09696	3.04825	3.77566	3.48443	4.98857	3.49755
CLEC9A	0.189814	0.391583	0.478966	0.178232	0.402978	0.473135
TYRO3	10.7351	12.1627	13.9843	13.3555	12.3446	13.1343
TGM1	27.8371	17.7345	21.9179	18.3275	29.2665	30.9686
AQP7P1	7.53571	7.62097	7.42028	3.40893	4.92506	2.68903
GRSF1	24.5616	19.8838	19.939	18.7674	19.4829	18.5266
SRSF5	295.918	361.003	332.825	330.595	389.586	329.297
GSPT2	5.36125	4.36831	5.33175	4.11285	4.73136	4.60739
WISP1	1.63133	0.866065	1.94222	1.38942	1.6077	1.17975
MIR2117	0	0	0	0	0	0
HIST1H1C	66.5163	67.1659	35.7737	41.5269	27.3723	53.4518
MIR3683	0	0	0	0	0	0
NEK6	8.90406	6.73441	8.66349	6.56447	6.61542	5.74348
LOC727803	1.91597	1.69398	2.73964	2.00451	2.44058	2.38985
CARD16	21.628	18.7745	14.3554	11.5121	17.6675	18.1439
PPTC7	11.0731	6.6037	9.98372	9.56367	8.61602	7.11183
SNORA50	0	0	0	77.6076	26.3203	0
SNORA70G	0	0	0	0	0	0
MIR196A2	0	0	0	0	0	0
C8orf56	1.3114	0.579727	0.992734	1.23138	0.626427	0.612905
CARD6	3.89797	2.60577	2.9328	1.85239	2.13447	1.73292
LOC10050705	2.27869	2.91009	3.06664	2.13966	2.58011	2.6822
TRIM11	12.93	17.5926	11.6216	14.9052	17.3485	13.1427
ATP5J2	183.39	195.022	151.866	189.708	141.417	153.786
SLC25A13	9.80953	9.86575	9.30636	11.0289	8.63073	7.35897
OR8I2	0	0	0	0	0	0
LRP2BP	0.765341	0.742683	0.664153	0.858866	0.749009	0.860797
ADAMTSL4	5.72109	7.66364	8.1726	6.69298	11.5126	10.064
NKD2	4.7204	10.7686	7.54378	13.0783	10.8752	10.3862
SLC6A15	0.787593	1.36829	0.669208	0.675309	0.671081	0.850903
IL6R	4.41202	5.6515	5.42282	4.0704	6.4061	4.79452
LOC10050688	2.43388	2.03569	1.54493	1.71881	1.32494	2.2806
NUPL2	15.7446	17.684	14.8322	15.3862	15.3017	15.8799
GPR1	1.45186	1.24482	1.29853	1.19838	0.980631	1.3153
TNF	2.6647	2.80471	1.72902	1.54893	6.38456	2.09543
MIR765	0	0	0	0	0	156.072
LOC10050710	1.37538	1.45923	1.04117	1.29146	0.700789	0
SFRP2	21.7253	19.0244	40.2106	13.0305	27.2767	25.7811

ERCC2	6.94786	10.1912	9.70307	11.9076	8.1766	9.16054
PROCA1	1.34066	0.948259	1.62382	1.34278	3.70011	3.06328
SNORD25	0	0	0	0	0	0
DEFB112	0	0	0	0	0	0
EXOC5	7.90305	6.23057	8.05471	5.49945	6.30894	5.82627
KRT79	734.158	766.929	509.165	522.053	522.316	718.142
C10orf32-AS3	1.72E-05	4.91E-06	7.05E-09	3.36E-07	1.02E-21	0.00346315
LOC10050675	0.0825048	0.0729456	0.124913	0	0.0525478	0.102827
CALCOCO2	46.1174	37.875	43.656	34.5185	41.6732	35.8809
SNORD115-10	0	0	0	0	0	0
SNF8	39.3318	50.6927	36.3443	41.7868	36.5763	39.0854
MIR4678	0	0	0	0	0	0
EDEM1	19.0666	15.3325	16.2333	12.6213	18.4183	14.2733
KCNG1	0.552164	0.691601	0.696653	0.432061	0.439596	0.487454
TMEM87A	48.1054	38.0762	43.0881	43.4777	40.6743	43.3169
TPST2	14.5607	14.2825	16.6377	14.1882	14.593	20.5518
MIR2113	0	0	0	0	0	0
KCNIP1	0.654296	0.39545	0.442421	0.419982	0.205107	0.321087
ARSE	0.230069	0.325459	0.104498	0.129618	0.146532	0.114695
LOC388946	0	0	0	0	0	0
EIF4E1B	0	0	0	0	0	0
HTT	10.7794	10.4903	12.1058	9.71658	12.4722	11.2576
PCIF1	17.3966	23.0058	20.767	25.9687	23.2728	20.1065
SND1	46.7073	37.2825	46.0902	38.9727	35.3338	38.9012
LOC150185	0	0	0	0	0	0
RNU5E-1	0	0	0	0	0	0
MIR34A	0	0	0	0	0	0
CHODL	1.19265	1.97441	2.21504	2.51305	1.92518	1.44046
TMEM184A	18.8916	24.7391	20.3377	22.9909	28.7032	30.5453
PTPRVP	0.118902	0.294352	0.270028	0.334941	0.484667	0.28156
P2RY10	0.544726	0.597101	0.319248	0	0.852008	0.259783
ABCA5	12.5074	13.4667	15.8116	13.1898	15.3187	12.0521
SLC35G3	0.0278038	0	0	0	0	0
GTSF1L	0	0	0	0	0	0
TOMM20L	0.233341	0.827496	0.529922	0.438208	0.744454	0.727042
ORAI1	25.8746	29.9108	32.7177	42.0634	39.8525	35.8658
VN1R1	1.84358	1.75071	1.80911	2.11577	1.82651	1.91473
THY1	35.7283	27.6261	52.9727	28.3076	32.3963	24.5566
FCGBP	8.28291	6.9451	9.36084	4.71826	19.3538	9.77161
MIR151B	0	0	0	0	0	0
MIR609	0	0	0	0	0	0
ZFP92	0.0890322	0.23615	0.134796	0.0835998	0.0567051	0.110962
CCDC94	15.9981	23.1141	18.5499	21.8368	19.6827	18.7715

MIR3677	0	0	0	0	0	0
C6orf97	0.655434	0.563396	0.716686	0.376103	0.660962	0.32902
ACSF3	14.1729	17.5692	11.4852	14.6267	14.3701	13.0313
PDK4	26.9784	31.0856	21.3648	10.7395	17.9415	14.7165
MIR362	0	0	0	0	0	0
ZCCHC6	13.721	9.51396	12.6833	9.40747	12.5111	11.8378
MIR376A2	0	0	0	0	0	0
SNORD83A	0	0	0	0	0	0
SH3GL1	54.6418	60.8404	61.9891	70.9119	71.6155	73.3787
LINC00478	1.70232	1.2273	1.99565	1.41298	1.8735	1.46113
CLPS	0.284401	0	0	0	0	0
PPP1CA	104.522	125.423	93.6122	123.462	102.837	110.089
BPIFB3	0	0	0	0	0	0
IGIP	15.6666	12.6229	13.8056	11.0575	14.4694	11.8409
CCL20	1.78801	2.74186	1.45741	3.61343	4.04932	4.32021
PPM1G	43.8655	43.1857	34.817	39.5312	33.8776	38.5061
LOC10050650	0	0	0	0	0	0
IQCK	6.70556	7.88159	6.24067	6.81494	7.03427	5.3093
ZNF557	1.61057	1.36758	1.79208	1.39543	1.72646	1.55008
LOC10050721	7.44677	8.86789	6.34637	10.1983	9.62683	7.99099
ANAPC16	54.7729	50.535	45.0819	50.1248	40.7513	38.8821
LOC399939	0	0	0	0	0	0
ZNF561	9.79225	10.6382	9.04393	8.23322	12.4871	12.5765
CD81	372.099	464.216	472.58	458.218	407.885	357.276
ILKAP	22.8356	30.5504	22.1581	30.1179	26.122	24.7936
USP36	9.00827	10.1263	10.5212	10.1849	11.6505	8.78696
C11orf34	0	0	0	0.0653227	0	0.0433515
ZNF91	7.9252	5.5426	6.57914	5.95331	5.54669	5.57124
NKX3-2	0.136611	0.281826	0.0344717	0.0427584	0.174016	0.141883
GLUD1	52.7866	46.779	48.4486	55.2069	40.3477	37.3787
C12orf50	0	0	0	0.0581351	0.0394326	0
CERKL	0.513572	0.720601	0.284436	0.480776	0.832925	0.589014
ZSCAN22	2.02126	1.84238	1.68788	1.40877	2.10578	1.79195
SSB	39.519	34.4686	35.7278	24.3821	32.3572	28.8902
C11orf1	23.551	24.2489	24.1443	25.1954	18.9073	19.1096
LOC10050773	34.4664	41.4973	30.5437	43.7402	34.7633	32.107
C10orf82	0.591936	1.25605	0.17924	0.778146	0.754015	0.95906
LOC148413	15.1054	15.2377	11.2153	11.2184	15.4565	14.0669
MT1H	0	0.446894	1.53054	1.89847	0.321929	2.20486
THAP2	1.41646	1.39346	1.41963	0.824249	1.58869	1.97776
ZIC4	1.93382	2.6786	3.22472	2.77711	2.24391	0.674066
GRK7	0.120511	0.106548	0.0912271	0.0565787	0.115131	0.150194
TCHP	18.7027	19.5087	21.1728	22.1623	26.5568	25.6158

HAT1	29.1015	24.1041	23.6417	18.666	23.6835	20.7029
HLF	13.3505	15.5311	16.191	12.8899	13.9279	10.669
MRPS27	36.4231	33.856	31.4647	36.3614	33.4803	32.3767
SHCBP1	4.73701	4.80963	8.60626	8.66638	8.85645	6.13234
CPN1	0	0	0	0	0	0
RPA3	6.75636	7.76318	6.98827	5.59036	5.66654	5.75266
HP	3.4566	7.21799	0.746704	0.260495	0.710809	0.444543
IL9R	0.293472	0.623181	0.356935	0.422032	0.243901	0.397303
CHST7	1.80467	1.94583	1.83264	1.44658	2.71933	2.30405
MTERFD3	19.2192	20.8614	17.9296	18.3371	24.1286	19.8664
WDR11	19.2082	15.3709	17.1555	11.0434	18.1267	15.179
FAM74A1	0.0146431	0	0	0	0	0
LOC10050758	0.0628503	0.0833525	0.0475781	0	0.0400297	0
WASH5P	13.9772	13.6354	16.4154	13.379	21.5903	18.427
MIR4524	0	0	0	0	0	0
MIPEPP3	1.40842	1.91974	1.73255	1.32248	1.34555	1.09709
LOC10050567	1.35273	0.875073	1.91394	0.980948	1.63253	1.40053
THRB	5.06161	3.57564	5.15348	3.61669	4.48109	4.58517
SNAP47	10.532	12.1128	10.3649	12.3283	12.8435	12.7909
PRSS45	0.504624	1.56155	0.477504	0.592292	0.803494	0.707535
C1orf112	2.13147	2.17359	1.83156	2.19213	1.79871	1.57499
CD5L	0	0.0806809	0	0	0	0.0568655
MSL1	35.8105	36.9383	42.9706	39.5103	54.4638	42.4496
LOC391767	0	0	0	0	0	0
KHK	4.43807	4.34427	1.61291	3.39369	3.90497	3.51396
MIR4477A	0	0	0	0	0	0
MIR4717	0	0	0	0	0	0
CMPK2	4.35707	2.85243	1.23373	0.593383	0.889708	0.559609
ZNF812	1.13007	0.410158	0.273815	0	0.230374	0.320097
EFCAB9	0	0	0	0	0	0
TRAM1L1	2.29111	2.52081	2.23542	1.62544	1.5565	1.42772
MIR490	0	0	0	0	0	0
SLC2A12	2.99915	1.66676	2.21848	1.85062	2.46686	2.16797
LOC10050557	1.19413	1.85347	1.64722	2.19271	2.83938	1.22368
LINC00347	0	0	0	0	0	0
EP400	7.0987	7.429	8.41561	7.86837	8.68304	7.74488
DNAJB13	0	0.245676	0.0420699	0	0.0353955	0.0692629
SSX2IP	3.95911	3.82692	4.05133	3.68625	3.57942	4.82967
LINC00235	0.532684	0.235483	0.604867	0	0.169635	0.331946
LOC10012819	0.580684	0.994455	0.370164	0.362058	0.718642	0.847057
C12orf57	176.429	309.491	197.643	313.829	251.756	229.573
ACOT8	16.8542	22.2065	17.9795	21.8198	19.4619	23.1917
AHSA2	46.556	58.0381	48.9152	46.9544	66.4271	48.9042



SNORD65	0	0	0	0	0	0
CTNNA3	0.124721	0	0.0236032	0	0	0
PEG3	1.18056	1.04062	1.02835	1.11289	1.05564	1.15647
LOC10050726	2.25428	2.27535	0.64095	2.59409	1.10655	0.115416
NXN	23.7725	31.2737	18.2581	30.9888	20.319	24.4255
LOC284632	0.113124	0.0500085	0	0	0.0360246	0.070494
AOC2	1.24754	1.0998	1.69308	1.47227	1.48809	1.10346
YRDC	12.1496	11.4808	11.4402	13.9639	10.014	10.3382
MIR4325	0	0	0	0	0	0
MIR218-2	0	0	0	0	0	0
LOC10050558	0.0996351	0.113784	0.175167	0.0935558	0.608914	0.343039
METTL18	6.37458	7.8904	7.77772	6.19689	6.73483	6.21559
STAT5A	20.1202	24.2977	26.9921	14.779	18.9128	10.9198
EIF1AY	31.0092	31.3726	0	0.0737141	0	0
SLC7A6	14.5108	14.8873	17.0293	13.4771	20.1494	13.4771
SEC14L4	10.859	6.47388	11.5447	7.49732	6.61104	8.49165
RFX3	0.958576	0.431699	0.958677	0.624145	0.64402	0.816396
WWTR1-AS1	0.0621212	0.329542	0.282156	0.349985	0.435219	0.387113
SIM2	0.838378	1.09167	0.881467	0.677887	0.830891	0.696589
MIR1233-2	0	0	0	0	0	0
LOC10012953	1.22526	1.40428	2.71389	2.72712	3.46834	2.71478
RBBP8	11.1896	10.2454	11.3199	8.87567	11.6714	8.89908
RPTOR	5.19112	5.62104	6.34193	6.06909	6.17446	6.4603
GNA12	10.3528	10.8549	11.7892	10.9467	10.4261	8.53302
LOC10050635	1.22684	1.55925	1.68332	1.94397	1.17207	1.24234
CLIC6	12.1736	8.87445	5.61111	7.00831	5.47493	4.16993
HIST1H4J	1.46064	2.34366	1.47428	2.43825	2.09315	1.61815
NBEA	4.64376	1.78613	3.59706	3.84042	3.78651	2.84483
CXorf22	0.0271531	0	0.0205551	0.0254964	0	0
LOC10050593	0	0	0	0	0	0
SALL2	1.55158	1.97957	2.02202	1.9364	2.52681	2.21525
ZCCHC8	10.4771	11.5687	10.2929	10.4062	13.4051	12.8981
PPP1R2	16.5692	13.2698	17.2681	15.3984	17.0584	21.1632
SNRNP27	22.2752	17.9523	18.1755	15.2023	15.6407	14.0516
RPH3AL	3.98302	6.6302	6.04659	6.01533	6.71401	5.9854
SMG7	20.3191	16.3408	18.955	19.2094	19.2121	19.1798
GADD45GIP1	59.8933	90.6238	53.7994	89.0312	59.0546	62.0237
RHOF	2.60787	2.02205	1.76298	0.684274	3.5375	1.49554
ARSD-AS1	3.22442	1.08692	5.00077	3.14419	3.01129	4.00772
TMEM31	0	0.788332	0.404986	0.552576	0.383326	0.583414
FNTA	50.7745	48.422	47.8063	45.0678	48.3659	47.2961
COX4NB	11.0555	12.7905	11.2499	12.1706	9.78684	10.672
FBXO40	0.067021	0.162953	0.0507353	0.0629317	0.0533576	0.135735

RGSL1	0	0	0.0197028	0	0	0
CSNK1E	33.7509	43.0572	41.0314	42.3477	47.0877	51.7598
LOC10050567	0.133304	0.0196432	0.117731	0	0.141503	0.0553796
MIB2	15.6322	30.3742	22.7547	32.3533	33.8819	30.3476
MIR4632	0	0	0	0	0	0
PGAP1	4.77548	3.81044	6.33918	4.09452	5.32806	4.64848
HAUS4	36.8394	44.2555	36.5773	42.0469	33.512	28.9237
HAPLN1	0.124046	0.0731156	0.29736	0.504734	0.408195	0.605517
CCR1	1.79949	0.662916	0.851391	0.17601	1.00284	0.210256
SYT6	0.510753	0.0785349	0.0168106	0.0417034	0.0424306	0.0968677
P2RX6	0.642428	1.39863	0.808948	1.27348	1.24716	1.07956
LOC10050734	0.801339	1.18082	3.84192	3.00978	3.40252	3.16262
AVEN	8.34141	9.54405	8.01251	9.47793	8.52709	8.38671
KLHL36	6.27951	7.63915	6.9696	5.4087	7.03664	5.26654
PTP4A2	44.75	43.0207	42.8229	34.743	31.5635	28.0423
TANC1	15.9947	15.0589	21.4286	15.5223	24.3072	17.6962
PTPN2	13.5498	15.3225	14.4397	11.5577	13.8568	11.143
HP11026	0	0	0	0	0	0
MAPK8IP2	5.90902	6.4133	7.29968	7.48769	7.54779	5.62124
CNRIP1	8.6012	11.742	14.4796	9.55699	8.49783	5.80392
SH3BP2	18.8237	25.6026	27.5914	20.5244	35.2582	27.2069
CCDC47	61.9999	40.584	49.2668	41.7496	38.9012	36.1055
ZNF671	4.40717	5.29342	3.43068	4.1773	5.13725	4.56
TH	0.0575845	0.318208	0.441374	0.815237	0.625946	0.505378
PDCL	9.38714	6.25306	8.56627	7.0032	7.3096	7.01159
FLJ42280	0.149891	0.0331296	0.0283658	0.0351848	0.171844	0.124543
MAP9	1.08892	0.779372	1.07946	0.62079	0.520154	0.710881
MIR219-1	0	0	0	0	0	0
GFRA4	0	0	0	0	0	0
COL14A1	7.65486	5.03023	10.6722	5.9112	5.74133	4.98199
SPEN	10.724	8.35402	11.77	10.488	11.6248	9.3587
LOC10050728	0	0	1.09453	0.678821	0.460439	0
MIR31HG	0.238636	0.337579	0.216779	0.358521	0.243182	0.981472
MAD2L2	18.0591	28.956	16.1134	25.1001	20.924	19.8758
LOC10050561	0	0.0633212	0	0.268997	0	0
FTSD1	13.4094	10.4858	11.8013	9.0684	11.732	11.4646
ATP6AP2	86.2299	65.3157	83.3684	61.9982	74.173	70.1424
MIR545	0	0	0	0	0	0
DNAJC1	15.9333	11.9133	12.0989	10.713	11.6515	11.0629
PUSL1	14.5845	20.5946	14.6849	22.863	15.6601	19.8207
POLR2L	115.511	178.477	122.082	161.909	113.02	134.14
NPEPL1	24.4193	51.1646	36.7586	50.3193	58.2878	43.379
PROC	0.589466	0.573286	0.490852	1.5498	0.638238	1.17546

LOC10050821	0.467233	0	0	0.438725	0	0
MYOCD	0.728233	0.509079	0.777992	0.553529	0.67773	0.689314
C11orf41	0.744243	0.772426	0.81445	0.706407	0.81404	0.690609
ATP1B4	0	0	0.0614467	0	0	0.0126423
SSTR5	0	0	0	0.141893	0.0240594	0.0941674
DUS2L	7.44069	10.1539	7.51019	8.2524	7.86402	8.03027
COCH	10.0679	6.26469	13.9804	7.35255	6.73235	6.09561
POU2F1	2.3375	2.64676	3.32678	3.24737	3.09502	2.51709
DGKD	6.38266	6.19931	5.91156	4.79747	5.64784	3.80503
POLR2G	59.2988	74.9724	59.3664	72.524	64.2996	66.6993
LOC10050754	3.10659	4.28323	5.27916	5.45239	5.12513	5.21221
LOC10050601	138.093	156.367	448.69	156.303	206.89	199.298
CCL3L3	0.371117	0	0.0624305	0	0.105052	0.102784
PIK3CA	6.06844	3.80239	7.33017	4.58331	6.31847	5.49153
ZNF229	1.04918	0.601237	1.11782	0.94868	1.21272	1.5982
DEFB113	0	0	0	0	0	0
ADAP1	2.6272	3.60035	2.88377	2.4669	4.4063	4.25662
THAP6	4.60919	3.39597	4.29917	2.85954	4.8927	4.39386
ANKRD13A	28.4418	23.6893	29.6274	29.9421	33.1759	30.1412
C11orf46	13.2296	10.2281	10.5987	9.85992	12.6201	9.24229
LOC10050611	0	0	1.73E-20	0	0	0
TXNDC2	0.0539176	0	0	0	0	0
PI16	31.3763	19.6285	86.7925	26.2198	60.7985	55.7364
FAM54A	1.7153	2.52817	1.19025	2.21795	1.5935	1.56098
KCNJ14	1.01778	1.44008	1.50764	1.95946	1.8652	1.6742
RGPD1	0.705624	0.682618	0.907353	0.607233	0.68634	0.59419
EHF	81.0018	42.8496	50.7421	52.8272	63.447	53.6366
NOV	9.28023	8.85455	5.88359	11.2556	4.30983	4.72282
UNC50	42.737	38.4884	38.7474	35.5565	34.4358	30.1003
MIR29B2	0	0	0	0	0	0
PDE4D	1.50962	1.59246	1.54425	1.26155	1.61318	1.07843
VASH2	2.1758	3.09118	2.945	2.02044	1.74332	1.0664
C4orf36	0.798413	0.470605	1.81321	0.249899	1.44079	1.16092
TMEM65	7.80178	4.78463	6.96429	4.99675	5.60089	5.29733
LOC389607	0.351048	0.0775937	0.755898	0.468805	0.54102	0.109379
RAB43	1.89026	3.55272	4.09317	4.88351	3.82248	2.06231
ATP5G1	114.335	120.562	95.2053	120.722	97.7715	106.501
LOC654780	2.43987	4.48067	3.30523	3.6827	5.04162	5.27929
LOC729420	0	0.342276	0.14653	0	0.0616413	0.241243
HS3ST4	1.11162	0.573315	0.467502	1.0148	0.688331	0.808168
SNORD114-3	0	0	0	0	0	0
FMNL1	9.03082	9.93416	9.21607	5.17578	12.6484	6.25164
TXNL4A	43.7337	52.6534	39.2037	48.5541	34.304	41.3128

OR2C1	0.112334	0	0.0850377	0	0	0
SIDT1	1.71549	0.596465	0.612838	0.597268	0.675204	0.576549
SLC5A6	28.2636	32.6832	17.753	18.4831	21.535	18.3367
FAM89A	21.3538	22.1852	26.0707	20.0508	18.9122	12.9483
PRSS8	83.5901	83.7875	84.2495	100.435	93.5685	114.211
LOC10052796	3.67736	5.55275	4.06224	5.01216	5.49461	6.19572
LOC10050581	0	0.0820411	0	0	0	0
NANOS1	4.28721	3.93841	4.30615	4.08454	3.51642	3.38838
RN5S6	11.918	196.353	18.0439	211.942	24.6695	32.3889
NSF	21.8181	12.3622	15.6266	14.4166	12.5447	13.764
RPS6	2937.31	3675.85	3287.96	4313.57	3335.75	3243.5
ACE	3.77574	4.59865	6.60517	6.72717	6.0355	4.52069
GPR182	0	0.120382	0.103072	0.191776	0.476959	0.42424
LIMS3L	1.09328	1.21714	1.22117	0.922016	1.29731	0.800708
TRAPPC9	6.05492	5.4133	6.44779	6.30068	6.6911	6.44812
SCN2A	0.0999215	0.0495215	0.226474	0.260175	0.091754	0.0630363
LOC10050551	0	0	0	0	0	0
GZMB	4.14465	9.16109	0.882428	0.243235	0.989906	0.0807115
LOC10050739	0.517968	0	0	0.324242	0	0.107592
EIF4E2	34.0325	39.5373	30.8626	37.4092	36.8657	38.6514
AP4S1	6.30414	3.27108	3.61655	3.63278	3.90545	4.63643
ANKRD33	0.0530807	0.0521497	0.0446511	0	0	0
DUX4	0.0168274	0	0	0	0	0
B3GALTL	4.1982	3.3039	2.28751	2.18762	2.33595	2.11304
GGCT	154.557	114.554	92.6591	89.1097	96.9083	112.958
PRKAR1A	98.6456	64.2067	91.2158	71.96	68.2693	61.1689
DHRS4	50.5426	54.2367	37.9464	48.7741	32.0738	35.0524
KANK3	4.77095	12.0202	6.97887	8.21866	7.1054	6.39318
RBMY1F	0	0	0	0	0	0
TTI1	6.75979	5.62372	5.36267	5.41046	5.6875	5.95334
MIR3173	0	0	0	0	0	0
PRR23B	0	0	0	0	0	0
PRX	3.80108	4.97313	2.82049	2.51959	2.46947	3.8816
HIST1H2BF	0	0	0	0	0	0
LOC10028771	1.10423	1.38964	1.53017	1.42389	2.3513	1.89143
RSPH3	2.58621	2.45286	3.09684	2.25179	2.9649	3.39904
C6orf47	15.3086	18.9128	15.0808	17.5944	17.8363	16.0267
NCAPG2	5.38661	5.35507	4.50989	5.08125	4.94852	4.33123
PPP2R2D	17.7212	21.1517	15.9764	22.1571	21.3872	20.4342
MIR4305	0	0	0	0	0	0
C17orf96	2.96642	4.08279	2.03724	2.32597	2.76582	2.51555
LOC10028761	0.0434772	0.0384398	0	0.0816488	0.0830727	0.0541863
LMNB1	10.2867	9.97433	6.58565	8.89063	8.77299	9.31631

SCGB3A2	0.608163	0	0.690574	0.285528	0.387343	0.189491
FMO4	2.97293	3.77313	3.15799	2.61143	3.42047	3.91437
MIR1273	0	0	0	0	0	0
KIAA1107	1.33908	1.07118	1.44813	0.858209	1.39437	1.08612
LOC643733	8.22008	12.1402	6.08356	6.69813	10.6616	6.44892
BRPF1	6.47908	7.65883	7.18415	5.84028	8.07122	6.98143
TMC2	0.0624674	0.193304	0.11822	0	0.139251	0.0583906
APOE	553.756	833.364	753.521	968.976	582.657	755.593
CXorf21	0.592752	0.476431	0.856641	0.101197	1.44147	0.638017
FAM85A	1.32093	1.62205	0.612468	0.551257	0.794566	0.868876
LOC10050566	0.469819	0.158803	0.266	0.414824	0.334824	0.109698
DYNLL1	412.484	446.94	422.606	464.518	407.279	513.397
CHORDC1	8.26921	7.59936	6.01304	5.59401	7.73959	7.62797
GNB1	114.392	97.5959	108.247	105.766	97.2352	99.1019
CLDN19	0.422231	0.339225	0.310914	0.538509	0.30373	0.53008
C14orf128	4.0668	5.04915	3.79911	3.57492	5.07012	5.87732
IPPK	20.9821	21.7298	22.3447	20.1987	25.1195	20.0813
AGPAT4-IT1	0.669308	0.7397	1.01334	0.837959	0.248667	0.312813
NR3C1	17.4684	15.4002	20.5431	13.6386	15.0263	12.5523
CYP27A1	39.8691	52.0502	36.9029	40.4797	52.8216	39.5911
GPR143	4.17336	6.22313	3.1121	6.78464	4.64164	6.48224
FAM203A	6.40339	6.29472	4.87929	6.3292	5.55407	6.35301
C7orf16	0	0	0.0437012	0.289105	0.165457	0.143898
CCDC65	0.518918	0.509771	0.872941	0.216558	0.661003	0.682665
MAPK8	5.98684	4.41132	7.97623	5.12049	7.59295	5.31378
TMPRSS11B	0	0	0	0	0	0
IFNGR2	51.5916	58.0638	49.9931	47.4244	43.6402	36.6997
TRIM72	0.0476287	0.0842205	0.216331	0	0.0910049	0.237441
PSPH	6.15698	6.60082	5.84986	6.00891	5.1256	6.25354
PSMB9	41.4081	57.7545	17.517	12.4754	34.2004	18.3524
PRKCB	1.82343	1.82678	2.7151	1.80902	3.39374	2.64678
TTY8B	0	0	0	0	0	0
SLC5A8	0.0901318	0.026563	0.0682303	0.282108	0.0191352	1.59138
LINC00473	0	0	0	0.0539037	0.0646946	0.134845
SERF1A	13.3417	11.5773	12.6566	14.9789	12.0913	12.5551
MIR3976	0	0	0	0	0	0
MXRA8	36.1471	56.8762	63.788	58.9312	65.5169	45.06
LY6G5B	32.4933	54.103	34.5865	59.7824	54.2066	36.0772
CCT7	85.1499	81.2301	78.3789	85.8367	82.527	95.2136
PAK2	14.0183	12.3253	13.7366	11.5834	11.21	9.63831
CELA3A	0	0	0	0	0	0
C17orf89	53.6897	68.0154	39.228	63.2054	34.5355	35.1217
WDR89	4.81094	4.47887	3.76192	2.75253	4.36272	3.73924

RPL36AL	537.577	654.618	537.617	655.901	499.384	490.096
PARP9	28.7182	24.6669	10.0983	4.30312	13.3493	5.26958
ADRB1	1.8822	2.00311	2.08448	1.50553	1.26538	1.02086
MIR340	0	0	0	0	0	0
APOBEC3A	1.42607	2.58847	0.0568179	0	1.00388	0.654805
RNU7-1	0	0	0	0	0	0
LOC1002894	0.341656	0.422899	0.827633	0.449133	1.17505	0.851621
STX8	25.9647	27.7036	25.7574	30.7338	27.9254	25.1699
C14orf38	0	2.40E-289	6.68E-273	0.0380918	0.0258065	1.10E-303
GNPNAT1	11.5055	8.23901	7.75032	7.46677	7.88185	7.23166
COL4A3	0.140482	0.238061	0.292451	0.186874	0.119299	0.131314
LOC10012996	0.852664	1.23789	1.17358	0.873423	0.888654	0.676256
OR14C36	0	0	0	0	0	0.0793746
OR5H6	0	0	0	0	0	0
S100A10	287.772	349.174	328.804	359.288	249.856	255.478
KRT36	0.0645548	0.171226	0.29321	2.6671	0.123346	4.38483
LOC1001285	1.84886	2.72441	1.3996	2.60407	2.74761	0.768087
TMEM47	14.7571	7.41612	9.73385	8.82403	7.0568	5.76621
SNORD114-1	0	0	0	0	0	0
TTC7B	4.04146	4.81495	6.53107	5.19439	5.34886	5.39416
ATP6V0D2	0.0428116	0	0	0	0.0272669	0.0533567
MIR3919	0	0	0	0	0	0
SNX24	6.33604	7.93606	7.73967	8.24809	8.56006	8.16591
SERTM1	0	0	0.233439	0	0.176763	0.0576491
LOC10050556	0	0.400947	0	0.851639	0.86649	0.282596
C12orf47	7.72614	9.34053	7.75022	8.9421	10.1524	8.57649
NNAT	38.4724	38.2842	36.4323	28.5984	21.8387	22.7034
KCNK13	0.0400783	0.0708694	0.0910185	0.0752658	0.204209	0.124876
SPACA1	0	0	0	0	0	0.044769
HMGA1	114.064	140.693	108.76	135.832	139.184	138.931
PPP6R3	21.6604	19.864	20.9067	19.062	21.6213	19.9868
LOC1001287	2.3571	2.39118	2.65466	2.89329	1.97027	2.77392
CITED2	62.8617	56.4353	58.9701	54.8917	63.1769	61.0429
LOC344595	2.9385	2.1696	2.68397	1.98641	2.04516	1.98525
FAM75A3	0	0	0	0	0	0
TARSL2	6.35277	6.46452	4.1966	5.14916	6.37454	4.72439
ADSSL1	6.49744	6.30624	8.64854	5.56915	5.59575	4.47982
SLC6A7	0.0261824	0.0694465	0	0	0.0333514	0.0163158
SNORA58	0	0	0	0	0	0
ALLC	0.224985	0.132612	0	0.0704192	0.143294	0.0467337
CSRNP2	11.2788	12.2348	9.35905	10.1018	12.5573	10.6238
DEFA10P	0	0	0	0	0	0
IFNA22P	0	0.123343	0	0	0.177705	0.0869345

ARHGAP39	2.75071	4.33459	3.95212	5.49958	4.54074	4.44273
LOC10050616	9.68706	35.0336	11.1898	27.8532	19.3719	16.9535
MTMR11	11.0968	12.3612	13.2674	11.1733	18.6242	15.507
MSX1	5.02717	7.89645	6.43713	5.67457	2.52059	6.39875
MAP4K3	11.788	9.79432	13.2957	10.1796	12.6939	11.1514
PTTG1	9.64587	16.5645	7.86366	12.5415	10.7511	11.9062
TTY6	0	0	0	0	0	0
C1QTNF4	1.00013	3.26494	1.22302	2.45613	2.89096	2.87649
LOC10013151	1.66948	0.820026	2.24676	1.74179	0.945155	0.462377
TSHR	0.137799	0.23433	0.358177	0.0207022	0.261675	0.186571
MAP3K12	4.046	5.26563	6.12888	4.48585	10.4641	6.75246
LRTM2	0	0	0.0186927	0	0.0157271	0
ASAH1	53.5621	45.8586	81.4741	53.5837	55.7916	49.1456
MX2	9.34057	7.99098	4.1713	2.20844	6.99763	4.41783
RRN3	17.686	13.1956	16.0918	13.315	14.0353	11.6861
GPR39	0.475909	0.174912	0.817785	0.624691	0.8555	0.528077
FAT4	1.11463	0.893097	1.45464	0.7141	1.21277	0.958679
GLT6D1	0	0	0	0	0	0
HYAL3	1.86274	1.63237	1.83853	1.59248	2.02194	3.37262
MIR4290	0	0	0	0	0	0
APOC1P1	2.03134	1.98352	1.00066	1.30035	0.635051	0.552305
FOXL2	0.0682924	0.0301899	0.258489	0.0641255	0.326219	0.148949
LDLR	16.1651	12.829	14.1173	14.6112	12.8297	10.5326
SNORD116-21	0	0	0	0	0	0
MARS	34.609	31.9789	27.3366	29.9282	29.6158	30.0121
MIR4696	0	0	0	0	0	0
NR3C2	2.87394	1.98854	2.61932	3.63903	2.51255	1.97296
CD99L2	16.5133	21.208	18.5152	15.7602	18.614	15.2793
TMPRSS13	24.0991	22.2476	25.4722	27.2391	30.5154	31.9182
RPS8	1150.13	1725.78	1397.11	2048.73	1468.56	1412.32
C9orf3	26.1522	50.0161	27.7826	39.7476	39.0613	33.9551
LOC10050694	0	0	0	0	0	0
OR6A2	0	0	0	0	0	0
INPP1	23.2684	27.812	20.3162	18.8766	23.1805	20.7523
OR10H5	0	0	0	0	0	0
SMCR7L	10.7852	9.08927	10.7246	10.6801	10.0947	8.78639
DHRS7	27.4298	24.0438	23.4935	21.0464	25.9058	20.7559
LOC283177	0.25608	0	0	0.0687014	0.0931992	0.0455937
MRPL2	27.0429	31.2196	21.7758	32.105	24.5923	22.5946
TRPT1	34.2016	39.7082	27.8159	43.4592	31.6799	32.2455
TEX261	34.9215	28.6497	35.0556	33.8902	34.826	31.703
ALDH1A2	3.04033	2.67983	3.75134	2.69972	2.12108	2.17355
SLC24A3	6.42907	7.26065	8.85918	6.76782	7.24572	5.86864

DHRS2	173.613	1.11961	5.784	8.00442	10.2952	7.51306
C20orf132	0.658411	1.50557	0.834552	1.17427	0.971482	0.709776
TC2N	17.8071	8.55499	11.7943	12.7329	13.0053	10.0157
MATN2	31.092	34.7686	26.512	26.0541	28.2967	24.6791
LINC00309	0	0	0	0	0	0
NOLC1	28.2183	21.0684	22.4314	22.6548	21.3047	18.527
LOC10050557	9.77742	9.30955	10.0206	11.2995	10.4427	9.18618
MIR21	0	0	0	0	0	0
MAPK10	2.81116	3.23299	4.79337	3.05228	2.96837	1.4472
SOD3	71.8874	97.572	102.833	93.9347	119.829	78.4826
SIL1	23.3644	26.8013	27.8352	28.4759	19.4462	24.5503
RPS15AP10	1.71506	0.699852	0.898828	0.867144	1.34441	1.3976
PF4V1	0	0.154971	0	0	0	0
RPN1	70.6478	59.7766	61.2664	64.9517	52.8454	55.6258
OR7A10	0	0	0	0	0	0
CALHM3	0	0.0567576	0	0	0.0408865	0.0400039
ZNF189	19.4007	13.5359	13.4618	9.71053	11.462	12.1891
ATRN	10.7925	8.21198	10.9347	8.51545	9.34648	8.16444
CDH11	11.1268	5.58415	10.5186	7.92424	11.0751	8.3406
LOC10050759	3.46566	4.79116	2.38502	2.42586	3.29088	2.98425
LOC647946	0.525271	0.506631	0.867563	0.672574	0.729923	0.357084
TTY7B	0	0	0	0	0	0
SAP130	8.61448	7.48994	8.51983	7.77097	8.97468	8.28577
CCDC74B	1.1073	2.85747	2.16865	2.62247	2.62034	2.1978
LOC10050608	0	0	0	0	0	0
ITCH	12.0954	8.76163	10.9467	9.33327	10.1825	8.90858
IGFALS	0.360213	0.754915	0.530459	0.895333	0.623194	0.321809
GPR123	0	0.0401071	0	0.0212976	0.028892	0
MIR4698	0	0	0	0	0	0
RANBP3L	0.636922	0.354769	0.571778	0.413473	0.556565	0.544552
RNF2	4.89541	4.10814	4.75271	3.71373	3.5583	3.89513
ZNF71	2.15009	2.71169	2.70474	3.29556	3.06102	2.75851
SOD1	188.496	188.298	158.991	165.714	141.823	127.921
KIRREL2	0	0.132139	0	0.0367232	0.099637	0.0243714
SLC12A3	0.158422	0.0817034	0.0524635	0	0.0689734	0.0575862
LOC10028756	219.723	250.256	180.52	149.136	218.764	160.983
PSTPIP1	4.89389	6.16704	2.81047	2.27123	7.27288	3.50536
CBFA2T2	9.02815	8.69336	10.4716	9.35461	11.5737	9.6173
LOC10050761	0	0.2528	0	0	0.0910549	0.0890894
YPEL1	2.95665	3.45985	3.16338	2.48581	5.0727	4.08213
GPC6	4.8896	2.81888	2.9206	3.35853	2.20128	2.88003
FRMPD2P1	0.426116	0.42531	0	0	0.407864	0.331922
LINC00202	0.650335	1.22184	1.39487	0.992314	1.20809	1.16513



TRDN	0.368209	0.287248	2.14791	1.505	0.151745	0.0539888
ST3GAL6	19.1382	19.8277	16.6795	20.6891	18.5339	16.8189
WHSC1L1	10.78	8.31529	10.4538	7.56241	9.25368	8.01394
LOC400464	0.0828098	0.309501	0.972583	0.248823	0.641846	0.361225
USP15	17.4422	14.0294	18.4631	12.8303	18.5551	16.4542
TPO	0.516289	0.949903	0.431029	0.318371	1.08172	1.25078
BBS2	16.4716	18.8003	25.0457	21.7666	19.5347	15.5515
LOC10050650	2.63334	3.13107	3.60884	3.96479	4.51106	4.3854
OMD	3.60795	1.71765	6.51295	2.49432	3.9898	3.75544
ADAM7	0	0	0	0.0363235	0	0.0241061
LOC439990	0.0948169	0.209578	0.215331	0.31161	0.120779	0.0295429
COL6A4P1	0	0	0	0	0	0.0282651
HMGXB4	7.0596	6.36621	6.80487	6.98142	7.79388	6.51758
UXS1	15.1045	12.9617	14.573	14.0438	14.0844	13.7188
KBTBD7	2.15957	0.969595	1.96185	1.62239	1.50248	1.57356
FNBP1L	17.309	11.0171	14.3563	13.3297	13.9535	15.4533
OTUD3	5.8439	5.69774	6.1535	6.56004	7.85448	6.827
FAM122B	18.6649	22.2514	17.9306	17.2182	22.9879	19.1867
CDKN2AIP	11.5805	7.36733	10.675	7.78424	10.1245	10.0125
DTX4	19.2811	16.3453	21.4056	20.061	18.494	18.5689
AP3S1	44.6594	43.8132	45.9651	35.1604	46.0024	38.6942
CSH2	0	0.0610253	0	0	0	0
KATNA1	12.1184	10.2885	9.33544	9.03904	10.4552	10.5482
LOC10050673	0	0	0	0	0	0
URM1	39.1884	50.0847	46.4009	57.4788	49.6817	48.7675
PRNT	0	0	0	0	0	0
MIR4277	0	0	0	0	0	0
MIR4449	0	0	0	0	0	0
SLC37A2	24.985	18.2445	22.6626	23.5983	30.2652	40.8809
SPRY3	0.184643	0.366043	0.298728	0.221919	0.214867	0.348396
IL17RC	50.6367	63.7086	52.9726	61.3917	57.3038	60.2313
RPS15A	476.479	695.793	599.453	880.837	631.961	458.986
ERO1LB	5.33904	4.78788	3.92621	3.77786	4.29916	3.41024
CARS	22.6316	20.398	25.1851	24.6424	29.0699	30.5851
POLR2F	13.2283	14.9399	11.7517	15.0855	13.89	12.7971
RPRD1B	17.6612	14.8565	15.9099	14.5936	16.6639	14.842
ZNF157	0.124662	0.440873	0.0943698	0.234111	0.158796	0.116526
HNRNPA1	170.537	200.569	184.213	200.492	186.782	163.164
NFKBIA	93.725	107.658	76.9287	87.0849	120.35	76.9295
PRR16	1.48888	1.73762	1.17218	1.34212	1.78276	0.890696
GPCPD1	14.5691	14.9034	15.0515	11.4331	16.2385	14.6599
MAST4-AS1	1.12718	0.249146	0.639962	0.529203	1.43582	1.58043
COL8A1	1.55097	0.823778	2.28836	2.14732	0.794545	0.797616

SUGT1P3	0.332374	0.587452	0.781761	1.04059	0.729668	0.292988
RPL13AP5	4666.31	7663.44	5646.94	8959.34	6234.9	5754.57
MAGEA3	0	0	0	0	0	0
LINC00472	1.0523	0.690281	0.591025	0.541859	0.540498	0.465371
OR5V1	0.110717	0	0	0	0	0
B3GALT4	5.33054	9.70308	10.4442	12.366	11.7429	11.2158
UFSP2	16.1312	15.8385	11.0766	12.7032	14.1706	13.9779
TAAR8	0	0	0	0	0	0
FAM177A1	16.8753	16.0129	16.218	15.6649	15.6128	14.831
MIR320D2	0	0	0	0	0	0
LOC389641	2.78603	2.46323	1.55194	1.23398	1.70748	1.44132
ATOX1	117.337	142.98	103.163	135.75	101	133.04
CCDC148	0.724822	0.28194	0.271317	0.387716	0.190337	0.304832
HPS5	12.5326	8.51298	8.58705	7.4577	9.75233	7.83588
LOC284661	0	0	0	0	0	0.0309252
NPEPPS	41.2673	38.3658	43.2117	36.9433	46.8772	39.0848
OR52B4	0	0	0	0	0	0
CACNA1G	0.883488	1.10358	1.03893	1.11738	1.81751	1.06902
PMPCA	35.2699	43.5606	32.5412	39.1562	37.1138	35.0283
EPHA1	17.3803	18.7872	16.1301	15.6318	17.4351	18.1547
RBFOX3	0.0374438	0.132422	0.368487	0.492228	0.310026	0.280001
RAD51B	2.24855	2.10265	2.27812	2.46779	1.92136	1.92437
KLRF1	0.987933	1.90575	0.339941	0.252996	0.858027	0.839506
FAM40B	0.934426	0.649756	0.584817	0.806108	0.943271	0.550806
C15orf33	0.602446	0.26793	0.595748	0.794255	0.486251	0.519707
LAMB2P1	1.94496	2.57941	1.68268	3.84824	3.22961	2.42403
ZNF273	15.0189	17.8241	25.237	23.6517	13.6621	11.8632
LOC10050556	0.940116	1.93885	0.709568	1.76226	2.68014	1.59692
MIR891B	0	0	0	0	0	0
LANCL3	0	0.143395	0.188002	0.178466	0.139452	0.136442
LOC10050093	0	0.139354	0	0	0.200773	0
SNORD114-3	0	0	0	0	0	0
PTGDS	136.225	196.912	226.356	96.9742	379.938	194.996
IRGQ	5.358	6.10669	5.82594	5.86349	6.36594	5.94927
CDON	5.66695	8.4999	7.07256	5.60881	8.90697	5.42559
SEPN1	29.7603	26.7388	22.6157	23.4776	25.0326	18.9177
OCIAD1	77.6468	67.6943	68.3814	62.6101	67.2189	62.2898
XCR1	0.641031	0.354224	0.815514	0.0835991	0.518446	0.221924
MYADML	0	0	0	0	0	0
LOC10050591	0	0	0	0	0	0
LOC401134	0.119394	0.0844487	0.361528	0.156953	0.577926	0.446408
GOLGA6L5	7.41151	7.72809	8.21922	6.69546	10.3585	9.01227
MIR588	0	0	0	0	0	0

PCMT1	45.6091	40.2173	40.978	41.7047	37.4681	39.485
ZNF652	10.2206	6.13419	7.68682	7.09069	7.6974	6.3122
UBP1	30.3799	29.3792	29.6863	26.4748	32.5588	26.1881
LOC1005067:	9.74664	16.7889	11.2796	16.7703	14.0658	10.3547
MIR194-2	0	0	0	0	0	0
HSD3BP4	0.456909	0.625192	0.387059	0.592471	0.291008	0.298285
ESRP1	51.6106	40.4696	48.9361	48.3135	46.0503	52.5927
SH2D7	0.0550109	0.0486372	0	0.154963	0.140147	0.102841
EXOSC3	12.6659	11.4032	11.4048	10.2977	12.9829	10.352
BCL2L15	0.310281	0.394351	0.352327	0.345977	0.419942	0.217524
TMEM81	2.06447	2.84742	3.18814	3.79946	3.68164	3.03611
TMCO4	9.12936	9.54992	7.49322	8.38392	8.64726	8.60648
PRAF2	14.6102	19.2983	13.7251	14.2972	17.0411	13.9309
MYH16	0	0	0	0	0.085864	0
FAM171A2	0.266981	0.606981	1.73234	1.1102	1.23888	1.28344
NEAT1	973.885	973.166	1394.13	1013.52	1054.59	1025.17
ENPP1	1.65982	2.49476	2.62896	1.51059	1.60198	1.3128
NOTO	0	0.0661446	0	0	0	0
MYEF2	4.8462	3.08012	2.92804	3.36718	2.96966	2.2924
BAK1	20.7555	24.6189	16.7007	22.3796	21.4777	20.2002
DVL3	26.7463	31.9956	29.5853	31.7281	35.8642	31.377
SLC25A19	6.54229	5.7369	5.03032	4.82808	3.87728	4.49825
OR51G1	0	0	0	0	0	0
OR4X2	0	0	0	0	0	0
PCYT1B	0.211572	0.21772	0.0871543	0.231227	0.107267	0.305512
KIF2C	2.97622	3.7023	2.01723	3.93197	3.28419	3.92497
CHL1-AS2	0	1.26499	0.722063	0.447821	0.91126	0.396262
KCTD19	0	0.0909066	0.0259753	0.161179	0.196507	0.106726
TCTN1	7.12338	7.5612	9.13608	7.25457	8.28815	8.24095
NLRX1	18.6596	20.9083	19.6776	21.3877	23.3591	24.9337
ARL3	5.47198	6.53239	6.74482	7.00866	5.70149	5.62556
UGP2	92.3482	77.2896	93.5133	68.261	66.3848	63.7564
NRTN	2.80115	4.40285	4.55512	5.55272	3.9646	2.32741
LRRC39	2.68478	3.06491	2.52747	2.44329	2.76196	2.25035
WDPCP	0.860451	1.28546	2.42645	1.42103	2.15418	1.47904
IFNA1	0	0	0	0.130994	0	0.0869345
LOC1001322:	5.75526	5.6995	5.02379	4.68074	6.39841	4.81984
HES2	7.04495	11.0867	9.458	12.6308	11.4715	12.7157
LOC440700	0	0	0	0.0865215	0.0586869	0
KLHL2	13.8836	9.05749	9.29116	8.23529	10.7361	8.71206
TAF11	31.0754	38.3039	31.4716	39.4972	41.0552	33.496
MIR548F1	0	0	0	0	0	0
KDM5A	6.08094	4.93069	7.08324	5.16331	6.83357	6.21518

PAIP1	13.3059	10.7277	11.4285	7.72942	10.9935	10.3336
PSRC1	2.91062	6.64468	2.6634	5.4804	6.02514	6.75096
KTI12	4.4848	5.45212	5.37545	5.79034	5.03836	3.84276
WDR45	30.6352	42.9953	29.3355	33.273	38.3718	30.6498
LOC10050705	0.307793	0.136066	0.0873754	0.144506	0.171531	0.215779
LRRC47	30.8296	37.651	31.4046	38.0283	33.3539	32.0431
TIGD7	3.10537	4.49109	3.67151	3.18463	4.14916	4.08134
GYP A	0	0	0	0	0	0.0235147
PTGIS	4.17857	5.0117	7.06534	3.56984	4.41741	2.67861
C1orf192	2.31197	1.60494	3.62245	3.72059	3.26043	1.85306
NTAN1	82.0859	106.09	75.9944	93.0721	65.051	62.4423
LOC10004971	6.14609	7.03591	7.82609	7.33895	6.65235	5.09188
SNORD113-5	0	0	0	0	0	0
CD276	13.9755	17.7534	16.6566	18.4583	17.4901	14.123
RLF	5.48891	4.1365	5.97229	4.73766	5.53115	5.00206
MAGEC1	0	0	0	0	0	0.0140034
ZNF330	21.2469	22.1431	19.7508	17.728	23.3835	18.6597
DNAAF1	0.124755	0.183781	0.0943987	0.156072	0.15881	0.284886
PCDHB9	0.301387	0.332746	0.547388	0.420865	0.451029	0.404593
MIR4270	0	0	0	0	0	0
LOC10050657	0	0	0	0	0	0
LOC10028814	15.2304	15.7202	17.9256	15.6982	18.0904	16.3563
LOC10013030	0.41617	1.10385	0.157521	0	0.662652	0.389009
EDN2	1.34587	1.50725	1.56221	4.88651	4.68599	7.10091
AGL	8.01719	6.11806	8.10523	5.91975	5.933	7.43129
PGBD3	1.52014	2.15377	2.48021	1.71264	1.91288	1.84624
WVOX	6.56096	6.40434	5.98932	9.14972	5.10708	4.17783
CLEC18B	0.384392	0.490086	0.2046	0.936074	0.578582	0.576717
CLASP2	9.47507	7.94175	10.1995	9.17257	10.2303	8.57417
GYG2P1	0.618254	0.401599	0.385242	0.142171	0.171437	0.0786265
CUL9	7.93775	10.5703	10.0395	10.1252	11.9779	9.74835
ARF3	59.4189	47.124	59.7511	49.2618	55.5734	59.0813
SRSF11	115.696	116.77	122.653	95.7513	145.644	109.904
PDE6A	5.54103	3.61778	8.80362	6.17839	3.54824	2.99384
LOC254128	4.98948	4.78032	4.30997	4.4772	4.31388	4.4435
PSG3	0	0.00963553	0	0	0.0347057	0
LOC10065279	0.543265	0.414916	0.915515	0.286471	1.32427	0.520038
HERC2P4	1.36541	2.22457	1.85655	2.34993	0.810553	0.498607
LOC10028907	0	0	0	0	0	0
SREK1	35.673	33.0047	33.0691	26.4682	38.5181	32.3647
OR2AK2	0	0	0	0	0	0
PNMA1	17.3275	18.2763	17.2592	15.7707	14.7872	14.5154
ZNF69	3.1285	3.16109	2.27139	2.45774	1.78905	2.34734

SNORD4B	0	0	0	0	0	0
HMOX1	46.5599	30.5478	40.4771	36.1595	49.8226	62.4599
CAMK2N2	0.16112	0.142452	0.0609844	0.0756447	0.256546	0.351412
ABI2	10.2214	8.41204	8.44004	8.78176	9.50241	8.47128
MUC6	0.261252	0.19733	0.0878865	0.194184	0.220597	0.129707
FAM20C	14.6251	15.3752	12.2555	11.2732	10.9368	10.3153
DUXA	0	0	0	0	0	0
MIR3124	0	0	0	0	0	0
MIR190	0	0	0	0	0	0
LOC10013138	0	0	0	0	0	0
C14orf149	6.17056	9.51237	6.58752	4.7541	12.4452	7.34538
LINC00256B	0.198042	0.321184	0.225063	0.263684	0.252383	0.174994
GAB1	7.61406	5.03179	7.74011	6.33122	8.0241	7.95971
FGD4	5.34456	3.65506	5.27346	4.19277	4.64775	4.13467
MUC17	0	0	0	0	0	0
LOC10012856	0.0652855	0.0577214	0.0494215	0.183906	0.207904	0.0813664
RBM26	15.5176	13.4963	14.9363	11.5888	15.342	13.2736
SNORD77	0	0	0	0	0	0
KLHL7	12.7271	9.55961	12.0678	10.4473	10.695	10.8554
ZNF594	2.65211	2.13485	2.36725	1.61683	2.77322	2.61469
SCARA5	17.7691	7.06763	23.2647	7.5721	9.70478	8.82333
LOC644242	1.14052	2.55059	1.72675	1.88987	2.77742	1.92313
HEMGN	0.213883	0	0.0359787	0	0	0.0296172
LOC10050551	0.224026	0.0660233	0.141324	0	0.0951224	0.0698019
MGST2	79.2725	79.6186	64.8248	65.6305	69.0601	75.9836
LOC10065296	2.95037	5.58018	6.50688	6.851	4.98351	6.32164
FSCB	0	0	0	0	0	0
PAX5	0	0	0.0203337	0	0.0684309	0.0502153
TADA3	29.6331	37.8812	32.303	37.5442	34.1252	35.67
ZNF107	6.96029	4.70907	9.36002	5.81155	6.12944	6.46637
C15orf24	65.9554	50.7328	54.5054	53.0543	47.3283	51.2387
RAB40AL	0.1133	0.100172	0.192979	0.332458	0.294658	0.141207
LOC10028703	0	0	0	0	0	0
DDX60L	5.53155	4.21693	4.09127	2.39827	4.8622	2.6732
ZNF697	1.87765	1.6601	1.78032	1.08634	1.4254	1.47736
PGBD2	6.13615	5.41458	5.09663	4.94683	5.3502	5.99255
SNTG1	0	0	0	0	0	0.103026
EFCAB1	3.70363	6.68586	3.51846	4.83455	2.70582	3.63277
TWIST1	10.2358	15.4578	12.8982	9.37246	12.5931	9.78567
MIR425	0	0	0	0	0	0
NBPF16	19.2355	20.1985	18.751	19.8499	21.2565	19.0488
RAB44	0.709091	1.07972	1.72964	0.924757	1.78141	1.66931
LOC10050556	0	0	0	0	0.153361	0

MIR3168	0	0	0	0	0	0
OR11G2	0	0	0	0	0	0
KRT8	71.4596	23.6453	27.3863	56.9267	40.818	32.9192
TNFRSF4	1.45245	4.12767	2.51317	1.55866	5.0879	1.87486
FAM90A19	0	0	0.0147941	0	0.0349701	0.0345052
REEP5	92.2959	63.2122	71.4816	66.0286	62.673	61.6175
STXBP2	37.1768	45.0431	35.1475	43.2864	39.8142	43.6225
LINC00460	0.263855	0	0	0.123878	0.252076	0
HOOK1	9.28928	5.49461	7.60153	5.3287	7.45799	8.99896
SAMD4B	17.613	15.3245	20.8891	19.7569	21.653	20.5811
P2RX4	4.01995	7.46828	4.42986	5.54255	7.22725	5.77115
RAP1GAP2	7.88273	3.98801	6.46908	5.85917	7.97596	7.35464
MED15	31.3513	43.5354	28.5507	35.1574	38.4473	37.1986
STK39	30.4433	12.1869	19.2708	19.5984	12.0448	14.6668
LOC10012850	0	0	0	0	0	0
RIBC2	0.468632	1.24301	0.768641	0.513378	0.497458	0.632736
ERCC8	5.2458	3.70148	5.68936	5.11517	4.78674	4.24336
SSFA2	55.0325	39.0841	69.3995	43.1341	55.5169	54.2634
HTN3	0	0	0	0	0	0
MIR4685	0	0	0	0	0	0
CXorf24	0.651963	1.03368	1.06178	0.698203	0.753657	0.660151
NUDT14	19.0103	31.9843	20.5121	30.1054	25.6307	21.777
RNF145	22.3257	21.1891	21.4018	26.1328	22.2791	23.2965
GHITM	130.502	100.886	102.229	91.2062	80.9867	84.3856
FLJ36000	0	0	0	0	0	0
C16orf62	10.9597	10.6655	9.87235	8.33642	9.52006	9.42395
ERO1L	15.2334	7.32725	10.0875	7.44589	11.449	10.7375
LOC10028748	0.562356	1.29272	0.255424	0.422435	0.358168	0.77096
ZC3H12A	27.7044	34.7684	24.882	50.1574	39.1199	33.5399
IFNA10	0	0	0	0	0	0
GRIA2	4.96174	2.16675	2.53023	4.04958	2.55963	2.59082
EIF2A	30.8985	30.4948	30.6851	29.6831	30.452	25.4793
KIR3DL2	0	0	0	0	0.0707058	0
OR2Z1	0	0	0	0	0	0
MIR4700	0	0	0	0	0	0
UPF3A	25.658	30.4009	18.6928	18.5492	27.6161	22.4199
FGGY	5.07738	3.99042	5.04693	5.34535	5.74653	5.38962
LOC727805	0	0	0.011128	0.0742053	0.0533735	0.0166245
LOC644277	0	0	0	0	0	0
LOC10050721	0.0678788	0.120028	0.411077	0	0.432324	0.211496
TUBB2C	198.473	203.619	199.524	225.273	178.788	239.263
FBLN2	38.1462	36.7745	80.4068	32.0864	44.539	43.655
UBE2D4	6.15698	6.61579	6.99936	8.41484	5.73626	4.8404

C10orf35	5.03456	3.78829	4.37882	4.72737	3.95701	5.94089
LOC10012791	1.7707	5.61988	1.58102	4.09269	0.69401	0.339515
ST6GAL2	1.71302	1.51466	1.66875	1.26576	0.912204	1.11123
OR2A2	0	0	0	0	0	0
SMOX	8.67629	7.33172	7.83927	10.3883	9.24222	11.0613
LOC10050630	0.153355	0	0	0	0	0.191129
LINC00469	0	0	0.0523473	0	0	0
ACOT7	27.2771	31.3302	25.0252	27.5681	27.9716	38.946
FNDC7	0	0	0.0245154	0	0.020626	0
INE2	1.53016	1.49969	2.46514	0.817845	1.45584	0.929204
GLP2R	0	0.0563655	0.0965213	0.119724	0.040604	0
LOC283688	0	0	0	0	0	0
ZCCHC13	0	0	0	0	0	0
PCSK4	1.20702	2.10099	1.45624	1.9834	1.10509	1.43381
C2CD4C	0.634336	1.4021	0.888362	0.804102	1.77765	1.30446
GTF2IRD2B	7.7418	11.7321	9.19536	11.0167	12.0615	8.65575
ELAVL3	0	0	0	0.0194827	0.013215	0
LOC10065299	1387.7	1825.76	1490.74	2189.92	1525.12	1450.38
TTR	0.129158	0	0	0	0	0
CBX4	13.7217	16.5891	18.7758	17.4047	17.841	20.5108
MIR3118-1	0	0	0	0	0	0
CTAG1B	0	0	0.0872976	2.97804	0.0550858	0
PKP1	215.352	201.385	334.365	322.728	366.147	424.245
PLAC9	43.8784	88.8002	90.6588	71.8184	71.7889	46.7844
PAFAH1B1	48.3829	39.1355	47.6618	45.8159	51.7689	43.5798
LRIT2	1.47315	3.31279	2.10915	2.67632	1.87652	1.43688
TMEM219	131.45	190.92	123.228	179.628	122.644	135.727
SNORA26	218.216	96.4663	0	0	0	0
MOGS	33.6939	51.7581	41.3625	51.7664	52.6423	44.6449
KLRK1	6.17668	5.52037	3.30196	1.25768	3.84603	1.54686
LOC283174	4.87542	6.24948	6.17407	7.07965	12.4092	6.96856
RANBP10	11.4024	9.96908	11.3488	12.4599	12.631	16.2669
ANKS4B	0.0685715	0.0303133	0	0	0.0436736	0
E2F3	4.67702	3.06305	3.48225	3.45187	3.72659	3.5382
LOC10050754	0	0	0	0	0	0
HTR1A	0	0	0	0	0	0
TMIGD2	0.985435	0.640373	0.878907	0.761394	0.461311	0.5053
GATS	9.54934	11.6529	9.0147	10.3678	12.0002	11.0395
RGN	4.8066	6.70353	2.94112	2.35152	2.73779	2.01998
OR5AC2	0	0	0	0	0	0
HOXC6	4.15034	4.33355	4.7771	6.52866	7.2379	6.90421
PRPF38B	28.2461	26.5234	25.9065	21.378	30.9883	27.062
LOC389676	0	0	0	0	0	0

SLC25A4	10.313	9.25394	7.29209	9.23049	5.31065	5.42847
ANKRD26P1	0.0156181	0.0552341	0	0.102656	0.0198945	0.0194651
SARS2	9.04545	17.4099	12.1039	17.3177	16.9106	14.7012
OR2Y1	0	0	0	0	0	0
CREB3L2	9.35475	6.15246	9.01119	8.31724	7.07016	7.30671
TMEM160	19.2742	37.0457	18.8727	39.934	24.8186	26.3717
FAM160B1	8.8561	7.37799	9.40072	6.59685	8.08785	6.64921
CMTM3	23.8048	28.1179	27.1358	22.8688	28.2525	22.6013
SCARNA9L	0	0	0	1.28954	0	0
FAM193A	7.10709	8.324	7.99801	7.91991	9.14412	8.42496
SPATA7	2.60099	4.16753	3.99302	4.03838	5.60303	4.25618
MRPL15	27.122	27.5951	26.4497	27.7259	25.2792	23.347
C7orf63	1.75277	2.44773	2.6725	3.0288	2.9806	2.40589
LOC10050691	3.59E-06	0.261016	1.24976	0.000113602	0.300699	1.01151
CAPG	73.3741	99.7019	83.886	99.4631	119.017	122.867
LOC10050621	1.36412	0.282089	0.241536	0.559737	0.282238	0.283587
MAEA	34.4446	41.1471	41.1826	44.7463	35.2686	35.8759
LOC10050710	0.425771	0.56466	0.322311	0.199896	0.135588	0.265322
POLK	5.50261	5.3024	6.05092	3.71532	5.52895	4.11106
OR5AS1	0	0	0	0	0	0
L3MBTL1	3.71561	4.77126	3.8991	3.4835	4.55508	3.87426
WDFY3	5.94675	4.33228	6.71544	4.55189	6.66253	6.24149
FAM90A14	0.0156343	0.0115191	0.0147941	0.0122336	0.0866253	0.109779
ZFR	24.1336	16.8596	20.8459	15.4218	17.604	16.7001
AFF2	0.168643	0.128877	0.364647	0.250905	0.268096	0.166513
PKHD1	0.0316251	0.107215	0.130968	0.184062	0.0798861	0.0840764
C1orf85	20.4695	26.2538	19.2675	23.0773	29.1192	26.3926
RPP40	6.83933	7.34267	5.69515	5.59634	4.79161	5.60146
KRT16	374.658	426.124	205.39	501.201	165.97	1051.78
GUCA1C	0	0	0	0	0	0
FCRL1	0	0	0	0.0314225	0.0959129	0.0208536
PLEKHM2	26.3083	32.7674	29.6766	32.4422	36.2894	33.1171
HES5	1.18364	1.56975	2.49606	5.47771	1.93852	3.10844
ABCE1	14.9782	12.4434	12.8306	12.006	11.9244	10.6489
RBM26-AS1	0.939344	1.48047	1.17484	0.42184	1.06649	0.916215
RAD54L2	1.55418	0.777458	2.24469	1.11372	1.6411	1.47824
MARCO	1.93616	2.06427	2.19853	1.76455	2.39376	1.45494
FAM86DP	3.31584	3.59737	3.35057	2.93083	3.45501	3.78867
LOC10050740	0.237937	0.584358	0.280186	0.273068	0.252572	0.296544
LOC10050665	2.50241	3.27966	3.56581	3.62133	3.54386	2.53172
NDUFB8	169.63	191.047	159.872	185.806	157.487	167.301
LOC10013113	0.271175	0.527637	0.287393	0	0.276376	0.168985
BDH2	6.00307	7.2677	8.62395	8.16693	10.0364	7.52422



C2orf65	0.594462	0.525586	0.570014	0.334914	0.631027	0.370443
GATA6	3.99565	3.48295	5.47434	3.24985	5.6632	5.69877
NDUFA9	57.6385	47.1573	41.7791	46.2302	43.4117	40.7014
HAGH	21.2703	25.6428	22.714	26.1863	23.9307	28.3176
SLAMF7	3.09805	3.6744	2.97445	1.34808	3.10412	3.67279
TRAPPC2P1	15.8268	17.7421	15.909	13.1692	14.0126	13.8375
TULP2	0.0597094	0.105583	0	0	0.114088	0
LOC440354	2.80769	2.55148	2.9137	2.49809	3.13502	2.55273
LOC10065296	0.355363	0.172956	0	0	0.101889	0.0473545
MIR4667	0	0	0	0	0	0
MRPL40	41.0883	47.3713	42.343	47.5321	37.1605	38.714
MRPL33	104.635	128.078	98.5071	109.647	75.8766	71.0406
LOC10028747	0	0.04168	0.0356868	0.0442656	0	0.0587538
DIAPH3	0.744855	0.889612	0.679247	0.737146	0.794536	1.46099
FUS	49.3416	60.5039	50.8632	59.214	63.9443	55.026
FLJ33534	0	0	0.049178	0	0	0
ATG16L2	30.1786	57.5621	38.0796	49.0889	59.3778	63.9643
SUMF1	33.4906	31.805	36.5568	36.4373	22.3441	24.4911
MIR1283-2	0	0	0	0	0	0
FOXR2	0	0	0	0	0	0
TRAF3IP3	3.85163	2.96467	2.98431	1.319	5.57003	2.25898
RPRM	0.367216	0.649338	0.667163	0.68962	0.51454	0.2746
FAM22D	1.52399	1.50054	1.58633	1.15462	1.5442	1.28426
LOC10050736	0	0	0	0	0	0
AKAP11	8.69977	6.67462	9.00415	5.80307	8.95027	6.96181
ATP5J	182.615	160.254	143.494	158.353	114.619	106.246
EMD	49.567	62.8338	51.6866	68.5811	55.4035	51.9574
CARHSP1	18.1168	23.3487	18.8062	22.977	22.7924	20.3647
METTL12	1.73892	2.93513	1.79506	1.78126	2.51712	3.05385
LOC642924	0.0542988	0.0480075	0.205522	0.101971	0.207499	0.20302
PTPN9	9.21931	8.87421	8.21729	7.79576	8.4447	7.41301
LOC731932	0.786609	0.287414	0.0615215	0	1.55328	0.558348
LOC10065280	0.25671	0.226967	0.388662	0	0.1635	0
SNORA11E	0	0	0	0	23.388	0
PCDH18	7.31232	5.17494	6.46827	2.46633	4.18224	3.67771
PDCD7	11.2353	12.3783	11.4198	11.0099	13.2639	12.3233
SPOP	20.1444	19.7608	20.2401	18.0581	21.6937	19.4632
FLJ32790	0	0	0.0794055	0	0.0668077	0.0653656
CLEC1B	0	0	0	0	0	0
RFX5	16.709	14.5252	13.5538	11.3526	16.8618	10.2769
DCDC2B	0.488047	1.86984	1.23152	1.37481	1.91685	2.12891
PABPC1	261.614	256.15	284.848	283.067	262.947	259.387
PCSK9	0.739189	0.630204	0.479632	1.01634	0.807075	1.5135

LOC149351	0.28844	0.510042	0.31193	0.232149	0.341174	0.205422
TAS2R3	0	0.0920364	0	0.0977458	0.198901	0.259476
ZNF791	6.353	3.68499	6.47872	4.17955	6.75236	4.51367
LOC10065280	0	0	0.206815	0.116605	0.0632739	0.0773851
HEATR3	8.21017	6.20676	6.38748	5.00968	5.98235	5.95025
OR52R1	0	0	0	0	0	0
KCNH7	0	0	0	0.0215144	0	0
NCAM1	1.33053	1.79523	1.89793	1.61927	1.87836	1.72254
LOC10028806	3.87011	2.39919	5.21523	2.69784	2.50765	2.03062
MIR3180-2	0	0	0	0	0	0
DHDDS	32.2078	30.4754	36.9878	27.4481	29.4027	26.14
NECAP1	15.7716	14.4574	13.8334	14.298	16.9945	13.6118
RPGRIP1L	1.72766	1.18441	1.6353	1.21643	1.39847	0.92678
C9orf150	5.81527	5.89954	6.77261	6.96558	7.12266	8.7576
SLC31A2	73.375	62.6762	57.8298	57.3965	61.9337	72.3352
FIS1	149.38	208.609	159.166	201.945	129.096	136.067
RXRB	26.5689	33.3652	31.0707	34.8813	39.779	32.6738
TRIM28	71.4727	96.6157	71.4898	95.7265	92.0635	87.2685
UBE2T	5.85503	7.17672	4.43229	6.37243	5.42415	6.13629
SRSF8	20.2103	18.7404	17.7927	17.9673	17.7098	15.7777
C5orf34	1.23385	1.33723	0.873774	0.82221	1.7745	1.26494
LOC388906	0.179624	0.555843	0.475918	0.421661	0.457614	0.279835
MIR152	0	0	0	0	0	0
HCAR3	10.6561	11.501	9.26584	5.45375	8.62121	8.10611
C5orf30	6.00786	5.48688	6.22224	4.68041	5.15098	5.4512
MIR513C	0	0	0	0	0	0
RIMBP3	0.0900136	0.0586731	0.0543214	0.0431231	0.122957	0.171784
SAT1	194.538	198.06	157.129	230.406	172.849	139.016
SNAPC5	16.732	11.8302	11.8645	13.1214	11.0118	8.99214
NICN1	12.4331	15.6285	14.432	13.2393	20.8627	14.8214
NRXN1	1.39157	0.805736	0.637186	1.27627	1.10596	1.02
OMA1	12.3622	7.84832	10.4852	9.15337	13.3192	14.1515
DPPA2	0	0	0	0	0	0
PMF1-BGLAP	3.31267	4.99127	4.36945	3.80421	2.91835	3.04899
BTBD7	8.03147	7.05646	8.15455	7.43	7.9118	7.02077
CD74	1031.41	1046.58	666.536	428.798	1052.8	499.003
RAPGEF2	10.8531	7.9655	9.48473	7.83008	8.01556	7.87735
FDX1	9.58275	8.5811	7.32396	7.61373	6.31849	5.32081
C10orf32	24.3348	20.6513	18.8168	13.3272	17.3857	15.4646
ONECUT2	0.011602	0.0307732	0.0263483	0.00544703	0.00738936	0.0108448
SUCLG1	100.785	87.1381	85.1222	87.8015	77.2465	84.6042
HTRA3	12.9537	10.192	18.2926	8.74123	14.9615	13.034
DALRD3	21.9456	32.2465	25.2296	38.3067	31.6766	31.123

HAP1	0.331462	0.871455	0.709746	1.28433	1.41005	2.46155
VSIG7	0	0	0	0	0	0
BPIFB4	0	0	0	0	0	0
KCNN4	35.3085	26.545	28.6601	38.2877	30.1003	34.1256
MAPT	3.87801	3.84946	5.49568	4.48803	5.02717	3.84334
LOC10065300	0.410614	0.726079	0.466256	0	0.523045	0.383816
TBC1D1	9.08718	7.46788	5.99843	6.17395	5.12193	4.94834
PAX1	0.281396	0.528683	0.213018	0.165141	0.291236	0.328788
ZNF510	4.68918	3.45214	4.18614	2.26293	3.67668	3.22478
C9orf38	0.0359697	0	0.0544585	0.0337749	0.114546	0
TMEM9B	60.0411	47.2511	52.9889	59.1374	55.3933	51.8429
TMEM56	31.2421	18.0125	33.9708	32.8526	16.6356	24.1524
CHP2	28.3511	28.8205	53.1515	50.4232	56.848	58.6323
OR10S1	0	0	0	0	0	0
CDC42SE1	89.5379	78.8384	74.7742	75.3314	92.4992	86.6705
FAM90A1	0.360861	0.177251	0.394585	0.414142	0.434132	0.399775
RNF169	4.2281	2.93026	4.11315	3.47851	3.96725	3.1498
SH2D4A	5.99068	4.07745	6.4681	7.39615	5.16014	5.38412
OR7G2	0	0	0	0	0	0
LOC10028717	0	0.00739837	0	0.00628586	0	0.0125148
INHBC	0	0.0459526	0.15738	0.195213	0.0662057	0.0647766
CDKN1B	40.9249	37.5563	40.0679	29.954	45.1531	42.0598
EEF1G	532.909	695.374	614.914	862.905	668.834	661.262
ACTL6B	0	0	0	0	0	0
BARX2	34.2376	29.4824	32.0076	52.9111	37.4035	64.9693
UBR1	5.25491	3.34646	4.49727	3.27802	4.50152	4.57991
GAD1	0.141469	0.278538	0.322925	0.198518	0.703283	0.265828
CADM3	6.21899	7.64419	6.76881	4.60189	7.72809	5.75145
BSN-AS2	0	0	0	0	0.024607	0
GABRE	62.431	86.6478	71.9373	78.1394	92.5573	70.3829
SNORD60	0	0	0	0	0	0
OR4C3	0	0	0	0	0	0
LOC10050597	0.765438	2.00021	0.917247	1.35668	2.04236	2.28561
TMEM176B	35.2471	25.4573	22.9336	13.296	35.1521	20.2686
LOC10050728	0	0	0	0	0.141804	0.138743
LOC10013084	0	0	0	0	0	0
ATP5F1	90.0239	75.7954	71.1153	73.64	67.8946	70.5939
HEPN1	1.74426	3.35911	9.09247	4.70732	2.59246	1.13151
MLL5	16.9208	12.8143	18.4183	13.7823	18.4892	16.2589
C6orf81	2.41703	1.62411	1.53695	1.81564	1.601	0.662723
SNORD56	0	0	0	0	0	0
PPAP2B	67.4761	41.882	65.8256	30.279	48.9606	35.4677
RPL23A	494.932	607.197	544.62	734.441	520.456	515.234

PRAMEF19	0	0	0	0	0	0
KRT38	1.02045	0.622218	0.0799122	3.20496	0.650129	87.3156
RN5S13	23.8359	315.423	75.4336	287.907	38.7663	49.0992
SORL1	8.80035	3.65527	4.73996	7.29691	5.25536	5.70315
PNPT1	6.36413	6.41189	5.84203	5.36036	6.77352	4.83544
ANKUB1	0	0	0	0	0	0
ITGA3	25.9629	36.6531	24.1539	36.6042	27.4418	23.9578
LOC10012930	0	0	0	0	0	0
LOC10050553	5.84005	2.95051	6.80685	3.65581	4.25092	4.73683
FOXJ1	0.612062	0.879552	0.92615	1.17842	0.974737	0.741465
CARNS1	1.56006	1.81698	1.27466	2.04591	2.1918	1.62
MTRNR2L5	0	0	0	0	0.0385531	0
MOB1B	9.51052	7.38021	8.24578	6.66876	8.15775	6.21649
LOC10012813	0	0	0.0483687	0	0.0203475	0.0199083
ZNF469	0.134989	0.182164	0.328076	0.246834	0.316751	0.247931
WWTR1	22.1447	15.7259	21.3649	16.7095	19.3104	14.7038
TRIM65	12.8548	15.3241	12.5302	16.0306	16.4114	13.0149
LOC10065283	0.508797	1.23708	1.54065	2.03045	1.21521	1.18898
GAGE2A	0	0	0	0	0	0
TPBG	12.9408	15.1332	10.7352	10.6892	19.6067	14.5467
LOC120824	0	0	0	0	0	0
LYPD1	1.23335	2.28753	0.457045	0.400391	1.03728	0.45844
TMEM222	41.1303	53.4553	36.5246	53.4831	39.0418	37.6667
ZNF148	6.31122	4.36428	5.52647	4.2449	4.66229	3.93905
WDR7	3.50928	3.1261	2.9673	2.07661	2.0411	2.73972
HEATR6	5.05983	4.51744	5.35119	4.56478	5.1025	4.62142
CUZD1	0.438862	0.77789	0.536658	0.574487	0.912985	0.471277
FAM65B	5.78268	2.657	3.275	2.39917	2.86252	1.92587
LOC642643	0	0	0	0	0	0
PYY	0	0.0973052	0	0	0.0700957	0
RNF113B	0	0	0	0	0.0505154	0
BRPF3	8.81727	7.29001	8.73126	7.19029	10.1792	9.10809
HIST1H1B	0	0.141776	0	0	0	0
U2AF1L4	17.9926	30.8022	15.5355	24.6015	24.7288	19.228
PBX1	14.2457	11.3357	14.691	13.0315	12.3942	9.13522
ZSCAN5A	2.97244	2.81917	2.71384	2.79107	1.9506	1.95333
FIP1L1	15.2601	12.8117	11.493	11.2525	14.4319	12.9289
SNORD56B	0	0	0	0	0	0
OR2A20P	11.221	11.7454	13.6366	14.7754	22.5903	18.8878
MIR23B	0	0	0	0	0	0
DEFB104A	0	0	0	0	0	0
MIR4316	0	0	0	0	0	0
ZDHHC13	19.3794	19.9444	15.0876	17.3381	15.8124	14.4546

LRR52	0	0	0	0	0	0.0633679
GCNT2	7.88968	2.96565	3.85629	4.93456	3.95038	4.71909
UTS2R	0.19316	0.25617	0	0	0.0615123	0
NPR2	11.719	9.69569	13.23	9.60106	12.7879	11.1527
FRG1	34.1137	32.7414	34.599	28.309	34.0811	28.6203
MIR433	0	0	0	0	0	0
KIF21A	4.82187	2.53865	3.92671	4.23024	4.17851	5.58158
COX19	4.79503	5.91431	5.61658	6.72589	7.99314	6.34501
LOC10065285	0	0	0	0	0	0.0455459
C2orf85	0.116553	0.206098	0.0441157	0	0.0371166	0
FAM161A	1.94227	2.145	2.00784	1.51885	1.84412	1.60345
C15orf63	29.3337	31.7911	25.0394	27.8289	20.689	23.7462
SPG200S	0.111088	0.548	0.385432	0.0946782	0.274058	0.265634
TINAGL1	50.9508	79.6392	43.8239	56.8583	44.5789	43.7314
KRTAP1-1	8.57826	1.54057	0	109.999	1.79379	1303.83
C3orf52	7.64745	5.77296	10.5356	6.00511	10.5102	8.10963
UQCR10	97.8876	115.259	83.5695	102.111	70.1565	82.9945
STARD9	2.41363	3.86982	4.09059	3.14584	5.36891	3.25508
MFS9	3.4075	2.78347	3.6169	3.9647	3.53846	3.85445
C18orf55	15.1063	16.6953	15.2474	16.0233	15.6346	14.3819
IFIT5	5.9434	4.48579	3.05433	1.54265	3.16988	2.00239
OR10K2	0	0	0	0	0	0
SNORD104	0	0	0	0	0	0
P2RX5-TAX1E	0.21315	0.128987	0.164346	0.0756208	0.147835	0.213713
SLC5A12	0.0152819	0.0135113	0.0462738	0.0286988	0.0778648	0.028569
TCP11	0.242205	0.253799	0.293362	0.315871	0.137121	0.134161
LOC392232	0.0842827	0.0662377	0	0.0175867	0	0.0233429
HOXA10	1.22299	0.45768	0.749187	0.224394	0.417933	0.81859
BOLA3-AS1	1.87729	2.08772	2.06659	1.95524	2.27097	2.74733
DNAJB4	7.83621	6.72688	9.55337	5.86079	8.58903	7.80743
C13orf27	11.7012	12.0842	8.56013	7.94036	8.76772	9.31376
SLC44A5	0.529169	0.138585	4.44202	1.46566	0.17748	0.220101
DHRS7C	0	0.103445	0	0	0	0
LRR1	7.08717	8.37715	4.7717	5.69963	5.01452	3.77055
ANO8	10.8978	11.7694	15.2575	13.4017	22.2406	19.6137
PSMC3	69.6079	77.8548	67.0181	73.4198	58.5377	69.5712
MIR1184-1	0	0	0	0	0	0
SNORD70	0	0	0	0	0	0
ASB8	16.7363	15.6476	17.0091	15.0287	17.6922	15.9437
GORASP2	38.3774	33.4111	36.1009	38.6613	33.0052	31.5388
KRT71	63.7255	31.394	6.60923	349.558	24.851	232.181
SCRG1	1.47439	1.77758	0.608793	1.51028	1.62199	2.17165
DIRAS1	2.40592	2.46033	1.9749	3.21176	2.60313	2.76371

OAS2	20.8331	13.5861	4.22641	1.68117	4.02751	2.37067
LOC10050611	0.386963	0	0	0	0	0.241139
SH3GLB1	28.22	25.6454	31.5438	23.0029	23.685	21.3284
GCLM	10.3268	7.6752	7.06016	5.78774	4.3163	5.55041
FAM165B	9.96202	11.1883	11.9234	11.7559	10.4605	9.47965
SHISA9	0.739535	0.571883	0.816018	1.01238	0.431258	0.750445
GOLGA8G	0	0	0.028966	0.0465472	0.0167013	0
TINF2	29.1797	30.6233	30.0349	26.5891	30.3376	25.5377
RENBP	4.33315	6.49338	4.72574	5.24111	7.67133	4.9428
OR1Q1	0	0	0	0.118621	0	0
SYN2	7.85203	6.67314	5.18047	5.41833	5.65678	5.05092
PAH	0	0	0	0.0702612	0	0
C12orf43	6.54704	7.65418	5.11998	5.48708	6.16861	4.5856
WFDC3	3.64197	4.05097	17.1943	36.8745	7.63239	8.12635
LOC10050751	0	0	0	0	0	0
C9orf78	35.393	38.721	35.2444	34.6385	37.4601	31.81
OR4N5	0	0	0	0	0	0
LOC10013231	4.8411	5.03236	4.85911	4.10899	6.02056	4.73204
ZNF329	4.64501	4.18335	4.17151	3.92814	3.89558	4.74638
C20orf152	0.237454	0.236185	0.183566	0.269859	0.17014	0.166468
FSHR	0	0	0	0	0	0
ESPNL	0.247814	0.182584	0.250129	0.193911	0.197293	0.373199
DNAH9	0.438224	0.345644	0.304794	0.369582	0.436925	0.268138
RNF17	0	0.0668397	0.0643875	0.0177413	0	0
LOC646268	0	0	0	0	0.0947237	0
EPHA2	15.8496	15.3841	14.737	17.933	19.3273	17.8366
HAUS7	8.87591	18.5069	16.1817	23.4227	23.6015	19.6122
MIR3674	0	0	0	0	0	0
CSRP3	0	0	0	0	0	0
MIR4745	0	0	0	0	0	0
FOXH1	0.781754	1.352	0.502931	1.11696	1.76566	0.576879
LOC10050744	0	0	0	0	0	0
LMNB2	12.1912	15.6328	11.0936	13.5644	13.0563	13.581
IGSF1	1.12336	0.72856	1.20311	1.58472	1.78921	1.61388
MIR216B	0	0	0	0	0	0
FMOD	27.2362	34.5606	62.1059	38.2052	44.0034	32.3472
VDAC1	107.795	88.6844	79.3461	93.4914	73.2854	77.2417
KLRAP1	3.05519	2.82398	6.3777	5.21595	6.95794	4.00965
TMPPE	0.494043	0.35336	0.911133	0.187764	0.636718	0.434355
PNMA6B	0.0702298	0.165581	0.390758	0.222563	0.301926	0.238272
NDUFA13	353.184	440.988	326.808	448.588	297.932	342.426
SPINT3	0	0.312036	0.267167	0.662785	0.224781	0.439858
MLL	6.85664	5.78601	7.9751	5.56803	7.75893	6.10837

ANKRD10-IT1	5.75978	4.87102	9.41547	6.0354	8.87868	4.0054
LDB3	3.0228	3.92115	1.43389	2.46662	3.74886	3.03547
SNORD115-2	0	0	0	0	0	0
NAT10	16.8618	16.2174	16.903	16.9847	16.7106	14.9811
LOC1002886	0.590281	0.0792208	0.666576	0.168271	0.993274	0.778236
RBM11	0.684536	1.58289	0.558059	0.494437	0.603671	0.525014
LOC647086	0.856947	0.662951	0.243268	1.30757	0.750467	0.600765
ANAPC2	18.8607	29.0514	24.9351	28.0291	28.5888	22.9319
KCNU1	0.0784804	0.0462583	0.0990168	0.0982558	0.0833077	0.146717
KNG1	0.247006	0.0448159	0.0383718	0.0475961	0	0.12635
IGLON5	1.08734	0.65033	0.508399	0.84082	0.916588	0.876874
MIR3170	0	0	0	0	0	0
TBL1X	7.10511	5.82718	6.41762	6.23782	6.6931	6.95108
MLEC	35.7716	26.1341	30.7688	23.7298	23.2526	26.7158
KCNT2	0.745431	0.558771	0.77284	0.289109	1.18692	0.838158
TTC34	0.0591355	0	0	0.111055	0.0753274	0.110552
LOC1001327	1.07243	0.606829	2.18409	1.78243	1.43882	1.96006
SNX17	56.5241	61.978	55.0909	62.8847	52.6508	51.7449
LOC1001289	0	0	0	0	0	0
WNT16	6.34262	5.42376	10.9674	3.96932	10.0447	7.2357
C11orf42	0.397554	0.351492	0.601901	0.0933242	0.316505	0.185804
AGXT	0.266805	0.294865	0.353452	0.187894	0.0424824	0.0831308
PEX11A	21.0152	15.9137	20.696	13.7034	13.5706	13.7627
MIR1255A	0	0	0	0	0	355.557
WDR88	0.366801	0.378353	0.462784	0.34442	0.545108	0.609533
CCDC137	18.7045	28.7681	19.2849	24.5154	27.2386	24.7384
LOC283888	0.139887	0.454288	0.510292	0.415411	0.423851	0.44779
ENDOD1	28.8883	17.4525	23.2724	26.9128	20.9844	27.2469
GRPR	0	0.0661572	0.0283222	0	0.0714865	0
UBXN2B	6.29331	4.75727	6.05943	4.53466	6.22428	6.29134
CD79A	0.620509	0.488679	0.400835	0.852331	0.737343	0.679991
ALOX15	3.92373	4.72455	5.06351	0.421853	5.90239	1.18771
NTRK3	7.7691	7.18402	3.11675	2.45702	3.95755	3.00759
ATP2C2	11.4968	8.36339	9.38617	10.5493	23.4501	22.1157
LOC1006530	0.227027	0.401445	0	1.06587	0.433783	0.707367
TSPAN17	28.4468	32.9163	21.6567	28.0524	23.4539	25.8524
ROR1	1.03127	0.61936	0.928931	0.61062	0.853964	0.682236
OXSR1	14.7785	13.0851	15.0624	14.7214	15.3328	14.0942
ADAP2	6.4445	6.34164	5.2644	5.12821	5.93651	6.44366
CREB3L1	7.47558	5.77911	8.9578	2.82189	5.59864	4.47119
MIR1911	0	0	0	0	0	0
NEURL4	10.1884	14.3775	12.196	13.8483	15.3369	12.9001
HOXC8	1.37832	1.49379	1.17802	2.54668	1.61412	2.16112

NROB2	0	0.0772265	0	0.0820172	0	0
LOC10013228	6.79195	11.2394	9.92774	11.9088	9.42323	7.69932
PTPN3	15.0783	15.9667	19.7733	17.6983	20.4165	17.709
ZNF251	12.3591	14.9591	14.4091	14.0873	17.1533	13.4882
NAMPT	27.2264	15.4717	16.0162	14.208	13.7675	10.1732
IGF1	4.58847	4.78525	6.31103	1.75876	2.72988	3.73554
RTN3	148.759	120.279	134.923	121.9	108.357	116.756
RPS10-NUDT1	1.0845	0.000117261	3.06269	2.55E-10	7.33E-16	4.60E-23
CLEC4D	0.10721	0.142182	0	0	0.102424	0.0668085
C1orf21	11.6749	11.8095	14.3539	13.143	15.2501	11.6507
PKD1L1	0.0937322	0.101288	0.149796	0.0977923	0.12603	0.0778799
CPA1	0.379915	0.873333	0.402637	0.499428	0.338758	0.331446
HINT1	316.204	383.829	266.584	344.16	308.233	305.821
MIR4797	0	0	0	0	0	0
RUVBL1	17.5236	16.3861	15.4689	15.6177	14.3389	14.6957
STK35	9.27335	9.64655	9.71303	9.29455	11.1204	9.3499
CEACAM3	0.197079	0.272257	0	0.092527	0.188281	0.122811
LOC10050690	0	0	0	0	0.108946	0
AKT2	34.0896	38.188	43.7019	38.8406	43.936	37.0304
PGM3	10.4878	8.35579	8.55604	8.05647	8.68715	8.78691
OR7E24	0	0	0	0	0	0
ANXA2	346.379	349.447	325.237	340.617	294.797	340.793
CPNE9	0.150909	0.355797	0.456955	0.0944672	0.672802	0.501546
C15orf26	0.271316	0.23988	0	0	0.129602	0.0422681
JDP2	5.67266	8.17153	7.5659	7.30645	6.9672	5.55264
NHSL1	5.68977	6.5424	6.33369	6.66755	7.43823	9.66212
CTSO	16.5653	13.1454	13.6707	9.59408	13.5124	8.1863
LOC10050563	2.58633	1.39248	4.44291	1.46758	4.35387	2.71786
LOC10050617	0	0	0	0	0	0
FAM195A	24.6796	32.9649	16.8742	29.6109	17.9431	17.8598
FASTK	57.7319	86.1139	55.0911	78.731	76.5668	75.4755
DHRS1	54.6664	58.0463	34.0961	35.5139	45.0688	50.8514
BRCC3	9.85931	8.53138	9.6336	7.45226	8.12744	8.40951
LRRRC55	0.319891	0.251402	0.443958	0.450558	0.837599	1.04101
KIF9	1.60402	2.00939	1.83869	1.79669	1.36749	1.33089
MIR199A2	0	0	0	0	0.00068719	0
LOC10050654	17.5424	18.7587	20.7864	20.1114	19.4442	16.8915
WBSCR16	18.3836	23.2302	18.0172	24.2708	17.4678	19.1374
KRTAP4-2	6.22637	0.994454	0.636826	60.613	1.39306	770.579
ATHL1	10.6983	20.6542	12.4911	10.7834	18.7668	13.3146
FLJ39080	0	0	0	0	0	0
LOC10050646	0.907916	0.229349	0.687297	0.852519	0.908689	0.727425
CLK1	122.218	148.46	131.814	112.74	197.945	157.882



TSSK6	1.12768	1.4623	1.53658	0.917687	2.05891	1.12435
TOMM7	186.543	271.34	219.062	303.499	238.953	213.713
MIR885	0	0	0	0	0	0
ITIH1	0.17069	0.0377281	0	0	0.122303	0.106367
PHB	62.0741	60.1475	48.9412	57.2112	46.7203	47.389
ARMCX2	9.90883	10.0875	10.4705	8.31729	10.0428	9.96104
DBC1	0.185705	0.0820944	0.04686	0.116249	0.0788511	0.0578618
C17orf85	12.5571	11.1252	14.9832	12.8778	15.9125	13.8031
LOC10013205	0.11207	0.528455	0	0	0	0.104756
FAM187B	0	0	0.0724293	0.269522	0	0
MMACHC	4.72873	3.1279	2.8638	3.2234	2.63251	2.81681
MEAF6	36.3392	35.633	32.9312	30.5349	34.0529	31.5622
DPP9	18.659	21.3553	19.9222	21.3962	19.6733	20.4173
LOC10012854	2.37948	0	1.0293	0.957556	1.299	1.48279
MIR4724	0	0	0	0	0	0
RNASE13	0.596431	0.468735	0.351168	0.311133	0.675325	0.206484
ARHGEF16	7.41127	9.37378	6.72722	10.7929	6.35923	8.8091
MIR1204	0	0	0	0	0	0
COL25A1	0	0.153457	0.238451	0.0362159	0.0955866	0.0240347
MIR4480	0	0	0	0	0	0
ZNF642	2.04066	2.26577	1.93997	1.87159	2.02513	2.12928
RGPD8	4.91901	4.82382	5.39593	5.82716	5.2092	4.93488
SF3A2	36.8996	64.055	44.1383	63.0185	57.0342	53.6933
CASP8	11.8436	15.4551	10.565	6.90376	11.9463	6.61285
BDP1	6.01572	4.19939	5.84679	4.33224	5.44953	4.78653
OLIG1	0.893974	0.592796	0.676743	1.13323	0.113875	0.139272
PCK2	42.0182	39.4673	19.8012	19.6801	26.4649	33.015
OR51M1	0	0	0	0	0	0
KDM1A	23.0631	27.4734	27.1721	28.9071	27.4361	25.9735
C2orf63	1.85266	1.51575	2.71551	2.44241	2.40948	2.43132
MIR4509-1	0	0	0	0	0	0
FAM55C	2.74572	2.36921	2.22832	1.73995	1.99341	1.55932
EFHA1	34.1522	26.6345	26.5851	20.9755	29.6863	27.707
AKR1B10	9.68568	5.31542	1.21359	3.82631	2.68027	2.33103
FAM108A1	38.2538	66.8534	52.6492	75.9304	65.2706	62.499
ZNF562	5.13027	4.38499	5.491	4.51884	5.5459	5.59198
APIP	17.0791	18.5657	9.55776	5.32096	15.4691	14.6229
SYT11	2.9512	2.64148	2.20649	1.53952	2.1465	1.97529
DNAI2	0	0.0402786	0.155196	0	0.0284688	0
LOC10065298	20.2708	28.8894	17.6474	18.7898	16.2666	17.6889
OSBPL3	8.58629	9.51866	9.47799	9.27093	11.071	10.8188
ANXA2P2	688.161	611.532	692.987	579.73	563.032	675.025
SLC6A16	1.83102	1.52894	2.20748	3.27941	2.15961	1.37344

RPS19	858.745	1689.22	1010	2013.25	1242.05	1162.63
FAM18B1	20.572	16.2712	18.0133	13.2448	17.4326	14.3902
KIAA1549	1.01258	0.708214	0.694902	0.901135	0.924034	0.976998
B3GAT3	25.8762	42.4389	28.9909	43.0063	39.4713	33.1771
ITFG2	10.8288	11.2079	13.8575	14.2029	12.9636	11.5769
LOC10065293	0.352778	0.571824	0.623128	0.938551	1.12343	0.549591
PHTF2	5.31131	5.73946	6.37669	4.24241	8.23765	4.88749
FLJ11235	0.702949	0.552447	1.00515	0.806737	0.845678	0.73008
DKFZp434L19	0	0	0	0	0	0
CHCHD8	38.9048	48.2102	34.5529	41.1333	33.7536	39.0382
IRF2BPL	17.8485	19.2228	20.5956	20.9218	18.2243	17.8017
DCHS2	0.444212	0.326728	0.226191	0.160112	0.241955	0.212212
RNF114	31.5453	34.1205	27.7256	29.659	29.7196	26.1677
PNPO	12.6617	11.772	9.47752	10.8762	8.10047	8.82786
LOC10050553	0.0827812	0.182975	0.21933	0.116595	0.13181	0.309514
CNOT6	9.79836	7.25346	7.19477	7.51447	8.95181	7.27309
LHX3	0	0.0379194	0	0.161092	0.027316	0.142547
BHMT2	3.37021	6.39488	8.34343	3.97538	3.71681	1.88843
TLR7	2.1247	0.13662	0.204707	0.0725477	0.123021	0.168512
C9orf64	4.49251	3.61091	4.26653	2.83783	4.05785	4.32657
LOC10014460	0	0	0.0725798	0	0	0.119494
MIR513A1	0	0	0	0	0	0
CTAGE1	1.31294	0.530673	0.641742	0.443759	0.597467	0.677828
KIAA1715	7.39832	5.60038	7.97924	5.18286	6.39566	6.0504
LOC10013045	0	0.0315074	0	0	0.0226969	0
MAD2L1	5.12884	4.26786	4.05385	3.32864	3.89108	3.76009
CREG1	317.773	264.831	290.11	233.283	212.904	273.067
LOC10012966	0	0	0.561119	0	0.755355	0
MIR3133	0	0	0	0	0	0
LOC10050692	2.41513	5.51048	4.36426	5.34024	2.13365	1.55356
LOC10050686	0.197252	1.06587	0.370181	0.110921	0.348076	0.0819461
GOLGA7B	25.2419	46.9515	25.1827	45.7186	36.7605	47.2766
GDA	1.39802	0.735316	0.356245	0.831811	0.288238	0.338234
SFTA1P	0	0.170518	0.583995	0.181096	0.122836	0.240369
FAM197Y1	0	0	0	0	0	0
ZBTB44	16.722	12.0672	15.544	11.5247	14.4881	12.9909
LILRP2	0	0.0160843	0	0	0.0115867	0
KIAA0196	12.5406	9.06418	11.5263	9.38526	9.73237	9.96857
SIAH3	0	0.0430487	0.0184293	0	0.0913004	0.0758539
LOC644714	3.89435	2.53768	1.68166	1.74603	1.27202	2.49678
CLSTN3	49.5106	47.5258	37.9702	40.6043	44.773	37.2768
IRX3	62.8133	66.4478	44.1131	57.6976	48.0916	48.784
KCTD4	1.84125	0.385559	1.35716	1.7744	1.75905	1.29836

C10orf95	1.37269	1.7459	1.80707	2.66204	2.91584	2.76167
ISCA2	16.0254	20.0482	15.7625	17.0949	16.9417	15.8287
DEFB107A	0	0	0	0	0	0
INPP5A	13.0788	14.7689	14.8511	14.5079	14.3293	14.0833
LOC728012	0	0	0	0	0	0
C10orf90	0.353872	0.312871	0.438354	0.181244	0.61468	0.661553
MIR95	0	0	0	0	0	0
AGPAT2	87.7046	133.164	149.429	106.147	94.6764	79.7869
KIFC2	51.6636	88.7033	70.5625	91.9945	114.509	115.805
MIR516B1	0	0	0	0	0	0
SERBP1	43.0067	39.6228	41.822	38.9666	36.2637	40.5789
HIST1H4C	0	0	0	0	0.334672	0
MAX	44.6779	41.5848	46.0716	45.6667	51.1309	51.5495
SNRPD2P2	0.167943	0	0	0	0	0.209309
LOC10050638	0	0	0	0	0	0
PLAC8	0.310577	0.366126	0.530193	0	0.403865	0.489901
ZNF385D	6.06541	4.74978	3.7607	3.09175	3.86309	5.1116
SLX1A	14.5402	17.0868	9.30739	11.5384	8.02066	10.174
IDO1	3.08272	1.735	0.651836	0.180771	1.06589	0.493912
ACTR3B	9.02137	8.42835	6.09002	9.16936	5.36075	6.34605
LOC10012951	5.2836	5.01523	6.38312	6.4115	5.33897	7.37967
LOC151534	1.35705	1.14801	1.27445	0.970621	1.24049	0.779213
H19	42.9334	43.1034	53.4785	56.6766	38.6024	39.225
CRLF2	0	0	0	0.564166	0	0.0736142
ATP10B	2.66112	1.68691	3.58236	2.33374	3.05399	2.33883
DGAT2L7	0	0	0	0	0	0
LOC729658	0	0	0	0	0	0
MORC3	14.7867	12.5473	15.7681	10.6391	16.8674	14.5824
ZNF169	1.54651	1.66033	1.50521	1.55588	2.14586	1.54884
MIR4275	0	0	0	0	0	0
KIAA1147	9.9427	7.44272	10.7524	8.27151	12.2667	8.96492
CCDC90A	13.2543	10.7563	14.2153	12.6598	12.9812	12.836
MIR875	0	0	0	0	0	0
MGC34800	0	0	0	0	0	0
SMEK1	30.8728	24.9897	27.7755	25.9277	31.1638	26.6778
SYT12	6.69052	7.4498	3.75094	3.96925	4.18991	2.66908
POC1B-GALN1	2.204	2.46346	1.5245	0.888538	1.54663	0.896144
FDXACB1	2.09725	2.87004	2.55718	2.46815	2.62724	2.16426
LINC00087	1.77925	2.04494	1.99321	2.94011	2.33424	2.12859
TP53TG1	21.4183	36.3914	26.224	37.4831	25.5036	32.9999
MSX2	2.82373	2.12822	2.76834	9.25831	2.9188	9.34623
PAPOLG	3.4485	2.37772	3.64305	2.73062	4.04033	3.43192
GPER	2.94609	4.36549	5.25692	5.04467	3.45959	2.62437

SH3YL1	58.2496	52.5403	37.8796	36.6882	55.6693	54.428
NUSAP1	8.87983	11.7728	7.92489	9.02551	10.3484	11.4047
UNK	19.3492	19.9217	25.3259	23.2695	26.9617	26.7504
RPL22	173.527	197.956	195.012	224.936	190.174	172.07
PLVAP	42.1674	48.3239	45.1367	33.668	36.1225	34.4502
LOC339902	0	0	0	0	0	0
MYOM2	1.59683	0.578335	0.611688	0.975514	0.245068	0.3237
RNF217	5.76204	4.36666	7.61113	4.85838	5.05544	4.17689
GUSBP5	0.468034	0.689677	0.27557	0.292984	0.695551	0.356472
TMEM14C	96.427	113.039	89.9613	83.4422	77.6093	68.4556
FAM53C	11.3266	12.7277	13.1874	11.9831	14.7514	12.1903
C20orf166-A5	0.454278	0.365131	0.312628	0.465338	0.762785	0.360292
LPPR2	12.9203	16.9106	17.2532	16.5572	24.5839	17.8409
KL	1.07851	0.630022	0.772697	0.614853	0.748237	0.636075
RBMXL3	0	0	0	0	0	0
LOC648044	0.876862	0	0.663789	0	1.11696	0
ENDOV	8.0622	13.5513	8.78362	11.3201	13.3157	11.2218
XRCC1	12.9071	16.6852	16.2105	16.2971	18.9322	20.3516
LOC10050071	0	0.0709166	0	0	0	0
LOC10012971	1.54823	1.02664	1.31852	1.09032	1.2326	0.763794
OR56A5	0	0.112152	0	0	0	0
BANF2	0	0	0	0	0	0
PANK1	9.20297	6.08555	6.90333	6.59804	5.52886	6.65981
SNORA84	0	43.5775	0	0	0	0
SEC11C	97.0814	70.3056	77.1022	69.0174	58.9317	64.4491
EBNA1BP2	49.5072	38.2941	35.9971	37.0359	38.0802	39.1881
CELA2A	0	0	0	0	0	0
LOC642236	4.45348	3.52529	2.77313	2.83369	4.60555	2.92074
LOC10050601	2.30902	1.36099	1.981	0.722712	1.27455	0.959257
TLE1	14.2597	12.7143	13.196	15.3753	12.1992	16.7366
C10orf31	0.532684	0.235483	0	0	0.33927	0.165973
ANKRD20A5F	0.132111	0.210248	0.0816741	0.198481	0.0841425	0.115257
HERPUD2	12.32	13.6762	13.9894	10.8292	13.0124	13.4566
LOC10065284	0.337043	0.963708	0.209887	0.618398	0.653937	0.532863
RPL27A	105.248	157.351	105.013	170.512	110.932	103.187
BBS9	2.8297	1.92639	2.46443	1.88168	2.5517	1.88179
GAS6	104.206	151.342	143.374	138.405	156.717	117.941
MIR2278	0	0	0	0	0	0
RNF139	10.0414	8.11633	11.2618	8.09577	9.35083	9.23159
RPL26	1224.97	1674.74	1398.38	1929.31	1458.02	1372.56
AMIGO1	2.86267	2.06095	2.78622	1.9584	2.21395	2.29358
POM121C	15.4193	14.7848	14.5439	14.6623	14.4407	14.5791
SLC22A11	0	0	0.0304055	0	0	0

SNORD114-1!	0	0	0	0	0	0
MS4A1	0.270721	0.268249	0.403503	0.200184	0.716472	0.295281
EXD3	3.49533	7.49639	6.60186	7.53898	9.25744	7.03045
MFAP3L	17.2299	10.494	16.222	12.7201	14.2298	13.9741
LOC285878	0.0327641	0	0	0	0	0
PSMD6	72.914	66.4805	65.29	62.4427	55.9529	59.373
SCAF8	11.5217	8.96027	11.8141	9.67894	12.1854	10.2775
LOC10050660	1.44382	0.651233	3.49468	2.48247	3.47334	2.33476
DHX15	48.3882	42.6944	45.4572	40.7344	45.1056	37.9946
LOC10028956	3.54651	6.22393	6.92266	6.40657	5.19944	7.33668
CYBASC3	28.9362	38.6432	28.9102	34.3197	34.0686	33.1583
ACOT9	15.0518	15.059	14.7128	12.1456	12.6682	12.0525
ATG14	10.5759	10.7018	14.0839	12.399	15.9377	13.1302
C11orf51	29.3393	44.0475	30.9595	43.4445	33.7194	33.4083
LOC10050729	3.75986	4.64518	4.58389	5.82591	4.73806	2.92098
ARMC4	0.109939	0.097201	0.145643	0.0516154	0.157546	0.0513819
HSD17B12	48.5851	34.8339	67.7435	66.3303	37.1985	39.9489
CD300LB	0.221881	0.0784694	0.0671862	0.0833372	0.254371	0.276534
ADA	7.42453	10.8992	8.53666	7.4319	12.9817	8.94777
LOC10028818	0.470016	0.640002	0.554756	0.592563	0.489006	0.418464
MGC15885	0	0	0.0332572	0	0	0
TSIX	0.00221228	6.63E-10	0.0259249	0.0167931	0.0114897	0.0171084
NAGK	57.0282	63.7763	48.6263	58.3859	58.4346	72.5468
TRMT1	23.2549	36.0919	22.3813	35.097	31.3207	29.2808
RNU5D-1	0	0	0	0	0	0
ABCB8	9.34603	11.7847	9.48152	11.8208	10.1874	13.0947
FRS3	2.93179	5.47687	2.89952	2.7085	4.78866	3.3298
TCL6	0	0	0	0	0.0190052	0.018595
CTSA	54.9811	53.8339	55.858	55.958	55.7502	51.5508
C6orf89	18.847	16.189	20.8291	17.5909	19.6645	17.1727
SCUBE3	0.508428	0.399573	0.441902	0.565814	0.815548	0.586723
BCL2	6.57095	6.43281	7.15533	5.81114	6.50698	4.71764
GALNT6	6.90142	5.9502	5.72738	5.61494	6.49777	5.9969
HAND1	0	0	0	0.0568758	0	0.0377457
RFTN1	16.1883	16.0981	17.367	11.6258	18.1329	12.6047
MTRNR2L8	0.860419	0.987788	0.845753	1.53192	1.14762	0.856398
LOC10050576	1.96167	2.06468	1.76986	1.34881	1.83631	1.03066
C21orf54	0	0	0	0	0	0
CNTN2	0.507472	0.306412	0.796427	0.476508	0.551825	0.424218
TBR1	0.031055	0	0	0	0	0
RABIF	9.6633	8.35955	6.30618	6.80526	6.60559	6.95617
OR1L4	0	0	0	0	0	0
SNX4	16.3823	12.3646	12.5527	11.0305	12.6226	12.209

ZNF354A	12.6168	12.3751	11.8194	12.0321	10.1702	10.4667
WT1	0	0	0.126234	0	0.0265511	0.0208908
SNORA48	218.804	38.6906	198.763	41.0907	167.229	163.619
CASP1	36.6031	42.0578	27.536	29.9322	35.9692	37.3964
PHKA1-AS1	0	0	0	0	0.152868	0
THG1L	6.76987	7.48186	5.76543	5.1649	7.49169	5.85344
LOC10050705	0.13993	0.371151	0.105927	1.05113	0.534731	0.348793
LRRC34	1.95996	1.0953	2.34794	1.28051	1.94885	1.74546
RPS16	924.589	1462.18	1055.27	1820.12	1156.05	1107.81
TXNRD3	4.60659	3.89042	3.94721	3.26831	3.49796	3.68246
LOC10029361	0	0	0	0	0	0
TRIM27	17.9233	19.1641	16.7382	19.0318	18.3715	15.5532
SLC13A1	0.00429308	0.00759135	0	0	0	0
LOC644634	2.24392	3.65845	2.08949	1.45637	2.96458	2.36388
KRT73	5.61852	5.04639	4.42196	29.2252	4.91321	18.7007
UNC93B1	13.707	19.6543	13.0701	15.8408	15.4828	11.0603
LOC10065298	1.17985	2.23251	1.53815	1.74403	1.61272	1.84021
UGT1A4	1.76E-08	1.43E-08	1.35E-08	1.29E-08	0.0740937	0.0754603
C1orf61	0	0.122786	0.10513	0	0.353805	0
C10orf107	0.355786	0.314563	0.0673329	0.417596	0	0.110855
HBZ	1.23214	3.05025	1.86547	2.77669	0.470852	0.614252
TMEM108	0.698435	1.16517	0.996533	1.47991	1.67822	1.28791
LOC127841	0	0	0	0	0	0.267346
CDH1	91.1463	64.5006	82.558	76.808	77.6619	86.9228
CRY1	5.2151	6.54099	5.37093	6.17806	6.23752	5.59273
MIR1249	0	0	0	0	0	0
PAQR8	2.16241	1.58721	2.22379	1.11101	2.13084	1.58906
C16orf80	16.615	19.839	20.4225	21.5522	21.3826	18.6261
C7orf13	2.09071	2.63506	2.86229	3.13268	1.30325	1.71864
LOC10050651	0	0	0	0.0422579	0	0.0280445
KIAA1328	1.65198	1.16064	1.70142	1.51279	2.00155	1.78482
ADCY6	23.4904	19.7858	29.9815	20.4766	22.863	18.0138
MIR662	0	0	0	0	0	0
TASP1	5.31266	6.53014	5.98352	6.16465	6.79483	5.1678
CWC25	19.2805	21.4047	17.2372	16.6296	22.6428	16.7718
SSU72	107.076	123.528	92.8656	123.867	89.4715	92.0308
SNORD53	0	0	0	0	0	0
LOC10050641	3.44584	4.58669	4.56274	4.09293	5.27315	4.2266
SESN2	7.88146	7.36226	7.37883	7.40056	6.42102	8.10466
C2orf71	0.0945832	0.0836245	0.163657	0.152249	0.180722	0.261021
MIER1	11.9602	10.0114	11.0728	7.81387	9.77067	8.57675
FBXO38	11.3072	8.47213	9.69646	8.00191	10.4986	9.6052
PDE11A	0.364738	0.194815	0.516947	0.526868	0.283044	0.342262

SGTB	2.25997	1.58429	2.0782	1.1425	1.81479	1.65691
MIR4454	0	0	0	0	0	0
LOC10065287	0.797616	1.83352	0.850351	2.39664	0.508006	0.503253
RHOXF2B	0	0.0372726	0	0	0	0.0262705
FLOT1	52.3239	61.2107	46.4417	52.6177	45.0038	40.4372
LOC150381	2.79344	3.10159	2.65561	2.623	1.90329	1.45738
MIR1254-2	0	0	0	0	0	0
MIR30E	0	0	0	0	0	0
USP38	7.76331	5.73351	7.32154	6.28056	6.30158	9.45616
MIR4282	0	0	0	0	0	0
FAM173B	7.97524	7.75132	8.13537	6.53263	6.7366	8.35354
LOC730102	14.7595	14.6141	19.4137	15.8029	11.4634	8.36513
HNF1A	0.183065	0.269757	0.184775	0.171895	0.194325	0.24717
CDC42BPA	5.62923	4.61169	5.86713	4.59611	4.8311	3.89711
MIR1250	0	0	0	0	0	0
MIR137	0	0	0	0	0	0
CXCL2	0.838504	1.15321	0.775808	0.962307	16.3181	0.580578
MIR520H	0	0	0	0	0	0
GSDMA	67.4531	46.4966	69.9823	66.3154	50.4782	90.0066
HMG1	114.473	115.272	96.7579	104.39	102.407	97.353
PER2	7.46971	12.0767	10.5226	12.9814	10.4166	7.61098
OR9A4	0	0.223384	0	0	0	0
CUTC	14.1019	12.7488	13.2746	12.9303	14.1849	10.5013
CFHR1	10.3153	8.14013	10.6482	5.28342	10.0989	7.54362
KRTAP5-8	3.62077	0.505462	0.21639	33.7301	1.15305	196.814
MIR3939	0	0	0	0	0	0
C1QTNF9B-A1	4.29509	6.80026	11.4789	11.6419	8.06575	8.01922
ALX1	0.170971	0.680229	0.388279	0.561888	0.544463	0.53271
CCNO	3.71095	5.35671	3.21052	4.40899	4.2447	5.14415
RPLP2	8.72485	12.2733	8.37728	14.5528	8.64605	8.77209
TBP	10.5953	15.7346	11.3496	14.0234	13.3226	11.3919
TUBGCP3	8.28522	8.90132	10.6433	8.60481	10.17	7.86966
EXOC6B	5.27427	2.67447	7.54493	3.56868	5.70572	4.49504
HIST1H2BG	11.6116	3.18606	2.42483	1.87984	4.33527	4.99023
LOC10050558	0.0477766	0.0844822	0.108502	0.358892	0.517296	0.267951
PODNL1	2.23804	3.67458	3.51881	5.65823	5.02442	4.60707
POU3F1	13.3991	16.9581	18.6645	31.2302	19.0389	19.7511
RET	3.2277	2.48631	2.38897	0.855189	2.57739	1.43946
MACF1	24.9616	19.1463	29.0892	21.4032	29.6786	28.4366
ATP1B2	3.61128	3.03584	2.17356	3.14078	2.80907	2.10283
SFTA2	0	0.340702	0.291712	0	0	0
MYO1F	4.10288	5.1321	4.14708	2.73618	8.86391	3.73342
CTNNA2	0	0.0863708	0.0766905	0.0917287	0.0725892	0.0986424

MRPL37	49.6872	57.6303	50.9957	62.2984	47.3995	53.2218
PDZK1	45.4829	40.7653	26.7211	23.976	18.831	22.4352
CCDC59	12.5611	13.4729	13.4679	10.6501	11.5841	9.30822
PI3	192.187	65.6125	5.76184	82.1899	77.3903	57.5945
TNFRSF6B	6.79108	17.9435	4.87827	7.88932	13.2261	5.32408
LPAL2	0.280675	0.425409	0.212473	0.395897	0.46902	0.396815
BIN2	5.17677	4.29091	3.18406	1.64923	6.82973	3.19714
RNF111	7.59246	5.1955	6.29867	4.50865	6.63526	5.44423
AKAP13	16.1518	14.1564	17.0648	14.3738	19.3045	17.1703
C11orf53	0	0.68195	0.250239	0	0	0
MTNR1A	0	0	0	0	0.0660024	0.0645777
LCOR	3.77557	2.38057	3.39172	2.72237	3.60792	2.75489
SNORD41	0	0	0	0	0	0
CD27	2.65513	3.32523	1.46022	0.430841	2.65427	1.66058
FGFR4	2.88454	1.79983	1.25526	1.41076	1.39385	1.22811
FLJ21369	0.0498141	0	0	0.0467746	0.0317269	0.031042
LOC10065296	0	0	0.179639	0.0557058	0.226709	0.258784
OR4F21	0	0	0.0964235	0.302745	0.0202814	0.0198437
MIR4530	0	0	0	0	0	0
MIR378C	0	0	0	0	0	0
PBK	3.26459	4.18022	1.36348	2.06121	2.58112	2.98138
NPPC	2.21426	2.93656	3.35241	2.07915	2.11541	4.48445
USP9X	12.0843	8.90002	13.7166	9.76945	10.5291	10.5934
UTP11L	20.4822	16.3948	16.0228	14.8705	13.4579	13.9312
LTBP4	42.5019	59.5237	55.2068	58.3382	61.0098	51.4883
PEX12	4.89719	3.96621	3.39591	2.91348	4.47619	3.82047
ANKLE2	23.7033	29.1859	24.7258	26.1163	29.5841	25.5035
C1orf50	10.54	12.4589	9.45323	11.7257	9.33985	11.5656
DNAJB8-AS1	0.116553	0	0	0	0	0
MIR622	0	0	0	0	0	0
LOC10050663	4.30719	4.07526	4.26909	4.3996	5.21932	4.41646
CORT	0.84856	1.13972	0.416768	0.784694	0.763147	0.545282
C1orf130	1.42643	1.01778	0.719875	0.963423	1.05195	0.452242
SPNS2	29.9073	29.3257	37.5401	39.4637	45.2479	57.3568
LOC284009	1.53174	0.902844	0.773023	0.958852	0.650382	2.06811
LOC10050753	0.0667978	0.118117	0.202265	0.376332	0.255263	0.124877
LOC10012816	0.523549	0.743428	1.6814	1.07259	0.646857	0.375961
EIF4A3	39.9611	34.0961	35.3079	35.5269	39.8404	35.0824
CD68	13.7556	14.6629	18.4292	13.6638	18.4889	12.4724
PRDM16	0.748506	0.637288	0.418885	0.348903	0.511259	0.428767
PWP1	26.2454	26.3415	24.4297	24.168	24.8584	24.2867
CTBP2	13.9566	12.0557	11.1387	13.4282	11.6044	11.4721
TIMD4	0.319728	0	0.293656	0	0.247067	0



TMEM189-UI	1.19E-22	1.11E-78	2.43E-31	1.83E-31	2.94E-36	1.84E-15
WRNIP1	21.4615	22.6158	20.6346	21.9408	20.6161	21.7045
OR1B1	0	0.219773	0	0	0	0
LOC10065301	755.945	1174.52	847.082	983.479	715.811	658.667
NBR1	38.0662	29.9105	34.7915	27.2589	36.6574	34.1383
LOC10065302	7.08211	7.43559	7.37164	9.97498	9.86701	5.51659
S100A14	467.038	566.882	426.739	657.794	565.335	758.726
MST4	9.75241	7.33237	6.30647	5.17038	5.46948	7.3618
MRPL10	22.7923	28.5586	22.8268	24.9026	25.3942	22.1019
KLHL5	4.99211	4.28658	5.19484	3.59781	4.5467	3.0379
CUX2	5.06671	4.39351	3.0347	2.43106	0.85108	1.41387
CDNF	4.46724	5.33935	5.32309	6.60272	5.63774	3.55707
FLJ40434	0	0	0	0	0	0
GEMIN8	6.8366	7.60586	7.72041	9.48022	6.8515	7.26397
SIGLEC5	0.202059	0.285836	0.015296	0.151784	0.231646	0.252529
KAZN	12.7205	12.9461	13.3019	17.4197	13.8893	11.1945
OR6N2	0	0	0	0	0	0
GAB3	2.59091	2.65142	3.05576	1.89653	4.10308	2.03407
LOC10013321	0.136413	0	0	0	0	0
SURF2	25.8013	34.9955	24.3037	35.5146	29.0379	28.5938
MIR3158-2	0	0	0	0	0	0
MDS2	0.113579	0	0	0.213297	0	0.0707774
GIMAP2	8.18777	7.03987	5.68641	3.45616	6.076	4.96184
CCDC23	17.5921	23.529	28.6515	24.3983	20.7809	16.3881
PANX2	0.572174	0.834942	0.748418	0.712347	1.22829	1.10162
LOC10012938	4.59641	5.73161	5.17704	4.17512	3.81786	3.08481
FAF2	21.7583	16.2588	19.0052	16.8846	17.0833	16.9151
DKFZP434L18	0	0.0605027	0.0172677	0.0214187	0.0726406	0.0995016
AKR1A1	148.211	142.795	110.732	123.457	92.5257	108.962
CSAG2	1.60684	3.2297	0.490559	0	0.992872	0.395579
SERPINI2	0.0759206	0.134248	0.114945	0	0.0483542	0.141931
SBSN	779.171	612.583	934.778	837.115	1386.53	1486.19
PTPN13	13.3736	10.3055	19.1098	11.2548	17.3138	15.3151
DDX11L10	0.225903	0.866881	0.267599	0.543205	0.191839	0.255477
C2orf48	0.179717	1.58895	0.680235	0.675006	0.915703	0.111992
LOC10050666	0.254173	0.314824	0.076968	0.430021	0.323676	0.444087
FOXN2	4.58892	3.99506	4.11271	2.50941	3.34824	2.5638
ZNF573	0.77333	0.520362	1.75469	0.51482	0.921775	0.451517
MIRLET7D	0	0	0	0	0	0
TERF1	8.55637	7.01815	7.04948	6.71142	6.7846	6.25266
TTPAL	6.93277	5.67902	7.92479	6.62575	7.03137	6.89884
C2orf88	6.26634	3.05545	4.17875	3.6293	3.34817	3.63322
GNL1	8.56863	10.9253	11.3734	12.2665	11.5183	10.2689

ESYT1	40.642	41.6951	45.568	39.3777	36.5754	36.5615
ZNF713	0.797887	0.793621	1.28351	0.515077	0.889313	0.745814
XRCC4	6.09804	5.04753	4.63376	3.25047	3.47825	4.31171
TMEM14B	55.9186	61.6467	61.8257	54.1348	46.3873	40.5639
LINC00160	0.192461	0	0	0	0	0
ABCA3	10.3101	8.19887	7.24886	6.36836	7.08013	6.83757
MIR4283-2	0	0	0	0	0	0
LOC10065285	1.07434	0.569919	0.487969	1.00879	2.18961	1.47286
LOC338963	0	0.213492	0.243725	0.0755787	0	0
GPR113	0.280193	0.294751	0.150537	0.0861086	0.376886	0.191912
TRDMT1	1.08921	0.875463	1.53664	1.09248	1.16672	0.833009
PRSS46	0	0	0.0907845	0.337825	0.152763	0.149465
PATL2	1.2754	1.2216	1.16663	0.598792	1.25231	0.894124
SPTA1	0.0236538	0	0.0179061	0.0111053	0.0150652	0.00737002
LOC10050556	0.183372	1.14026	0.534432	1.1938	0.688231	0.609594
TP73-AS1	8.85433	9.85381	7.62	8.87667	9.77565	9.12067
ARMCX5-GPR	2.61351	1.9519	1.8413	2.79294	1.65781	1.76067
ZNF440	6.70026	10.3669	9.16978	7.68953	8.34224	7.30681
TUBE1	10.9895	11.9885	12.3109	11.1095	13.5187	12.5642
USP29	0	0	0	0	0	0
MIR4716	0	0	0	0	0	0
TNFRSF25	35.1035	80.7579	75.0031	106.187	92.0153	75.2368
TTC30A	1.82301	1.17221	2.24255	1.10877	2.09789	1.5104
LOC10012836	0	0	0	0	0	0.134839
NTPCR	25.638	21.9554	26.1146	23.3174	17.9533	18.4859
ZMYND19	21.0838	27.3966	17.7945	33.0706	22.8893	23.938
GNGT2	2.27013	0.499231	0.709301	0.380436	0.937781	0.664412
MIR548F2	0	0	0	0	0	0
FAM18B2	5.62602	7.42517	6.49416	6.69464	6.94209	5.603
SKI	27.016	27.1687	38.2826	35.8901	33.9746	27.6295
PREX1	5.13263	4.00407	4.00515	2.49748	5.54906	3.39554
TMED7-TICAM	5.45E-06	8.03E-07	1.08E-06	6.65E-07	7.60E-07	2.75E-06
PKD1	11.8478	16.7552	20.8144	18.1478	23.0927	19.9264
CAMSAP1	9.29451	7.78859	9.21178	8.20165	8.7726	7.99397
PRAMEF18	0	0	0	0	0	0
TFF2	0.561003	0.496004	0	0.351182	0	0
ANKRD7	0	0	0.122182	0	0.102798	0.100579
RPS28	147.482	257.867	170.52	295.91	159.472	142.885
MFAP4	111.462	92.6235	153.909	86.0761	151.701	103.34
MIR1276	0	0	0	0	0	0
PER1	32.8507	58.4521	38.9342	60.1503	40.1456	28.0711
APBB1	10.4006	13.0961	10.6904	13.4173	12.8027	12.7371
TAF5	2.27703	2.83671	2.39059	1.53853	2.71818	2.43283

PROP1	0.0738547	0	0	0	0	0
RPS6KA5	2.51572	1.83306	2.67038	1.84266	2.3823	2.05359
BIRC6	8.61515	6.19471	8.36638	6.13705	7.90169	6.64577
FAM48B2	0	0.081971	0	0	0	0
MIA	15.4698	12.4072	5.64336	19.3405	12.3063	10.1027
MIR532	0	0	0	0	0	0
VPS41	11.4179	9.32031	12.0309	10.4805	11.5801	11.2408
C12orf32	12.3943	12.1848	11.0788	14.3718	14.3417	12.4978
RIOK2	6.07311	4.87592	4.25262	3.21325	6.36343	4.79508
CDK5	15.4674	18.6781	12.4942	13.811	12.0736	15.2334
LOC10065285	29.7362	29.0468	26.325	19.1968	26.6256	24.716
LOC10028844	0	0	0.535849	0	0.319064	0.309586
C5orf62	15.2821	18.7852	15.2601	10.7111	9.42823	5.96893
TBX4	0.0818269	0.0723462	0.123887	0	0	0.0254955
SNORD59B	0	0	0	0	0	0
LOC10050663	0.253188	0.223853	0	0	0	0.157776
SELO	18.4956	37.716	23.8787	37.3743	32.4672	28.7732
MRM1	3.02186	4.4361	2.07176	2.78394	3.34089	4.29915
GOSR1	11.8468	10.1585	11.4343	10.9884	11.4789	10.4603
PRSS57	0	0.0973052	0.0833135	0	0.140191	0
NPAS3	0.34551	0.104459	0.187308	0.293702	0.251342	0.235711
FAM86C2P	2.80603	3.07622	2.71867	4.58426	3.73501	2.7625
OR51I1	0	0	0	0.108655	0	0
SRGAP3-AS3	0	0	0	0	0	0
IL11RA	57.4477	94.9562	90.3587	81.0742	121.866	79.1793
C3	38.0273	35.8309	37.655	12.8382	59.898	26.9097
LOC10028937	0	0	0	0	0	0
KIAA1841	4.43284	3.57786	4.35998	3.60922	4.86013	4.62746
USP33	27.0072	22.1042	25.9665	17.9454	24.8118	19.4334
GPRIN1	0.901192	1.38925	0.717192	0.672625	1.04493	1.67035
PCDHB3	0.499584	0.47559	0.847983	0.358276	0.457865	0.472396
SNORD115-2	0	0	0	0	0	0
LOC283194	0.0772705	0	0.20473	0.108834	0.123035	0.120379
OR2T4	0	0	0	0	0	0
TMEM232	0.216874	0.109569	0.351804	0.232733	0.157861	0.212374
RPL35A	1304.05	1936.12	1651.42	2396.22	1647.66	1364.41
NDST3	0	0.028465	0.0487439	0.0604616	0.0205053	0.0401254
STAM2	10.6467	7.10817	9.21823	7.62808	8.89126	8.17528
GPRIN3	0.571344	0.23928	0.295928	0.0705898	0.469229	0.224866
S100Z	0	0	0.0749149	0	0.315148	0.185007
EGOT	0	0	0.167725	0	0.235192	0.0920462
ZNF295	5.63961	4.13912	5.80858	4.01892	5.479	4.66714
DECR2	17.3638	26.9182	15.6203	19.7552	17.7805	14.2662

CDKN3	3.44332	6.53177	2.47575	4.31535	3.55102	4.3243
CLDN7	24.2605	8.93721	9.91439	22.1638	11.9413	7.80306
LOC10050587	0	0	0	0	0	0
MIR4426	0	0	0	0	0	0
NAA60	15.685	24.0632	18.645	22.401	19.1906	17.1545
DTWD2	2.11335	1.5085	2.5098	1.52926	1.55593	1.38944
ATP5G3	111.057	97.2186	83.5696	88.0485	80.9775	83.9344
CSNK2A2	44.7191	34.1155	43.0412	46.9094	51.1724	49.4043
YDJC	8.87087	17.1386	11.0678	16.5821	18.2576	15.0995
MGA	4.44048	3.37972	4.64603	3.00928	4.06124	3.62447
PLCD4	3.14469	2.91531	1.73341	2.46546	2.21677	1.97867
ARIH1	21.0705	16.2641	21.6927	18.03	20.9584	20.643
DSN1	12.1098	14.5294	9.10937	12.4821	12.7567	11.2407
POU5F1P4	0	0.383604	0.967055	0.931511	0.152267	0.265774
ELFN2	0.147257	0.410617	0.222949	0.223363	0.173149	0.211764
ASB16	1.73939	2.73764	2.22264	1.98914	3.13889	2.8679
GUCA1A	0.10924	0	0.0826955	0	0.0347879	0
CDKN1A	137.761	139.543	156.454	182.912	139.975	172.327
IL27RA	5.0635	5.844	3.30519	1.90751	9.92597	4.64801
ADAMDEC1	1.60275	0.610625	0.461131	0	0.526981	0.233123
LEPROT	30.8659	27.3812	30.9858	24.1008	31.4855	25.8708
CXorf48	0	0	0	0.208858	0	0
MSGN1	0	0	0	0	0	0
SYT7	6.754	4.4597	4.99956	8.22841	6.3572	13.3456
SLC7A1	12.6733	11.5139	12.857	19.7523	12.7548	12.3826
SPATA12	0.167897	0.111333	0	0.118239	0.106935	0.156939
SATB2	1.44624	1.43952	1.68146	1.3406	1.11697	0.965648
PDCD5	61.1295	62.9153	58.472	43.6806	49.2963	46.8538
STIM1	31.9787	29.0418	32.722	31.5686	32.8338	26.7258
OR4K15	0	0	0	0	0	0
SLC48A1	16.6358	21.8604	19.6291	21.921	21.2656	20.9694
IGSF8	39.1072	49.6447	44.2146	55.5645	46.8736	45.7178
MIR4441	0	0	0	0	0	0
SAV1	19.3636	15.4399	17.2874	15.6286	17.1949	12.4749
HSPB7	21.7474	16.9119	53.3023	21.6179	17.7364	7.9895
ACP6	23.9172	31.7447	18.4561	22.1316	22.831	25.0448
ZNF585A	1.66744	1.53653	1.58239	1.8746	1.79487	1.3465
MAMSTR	1.22157	1.42864	1.89164	2.21703	2.23789	2.55349
SYT16	0.0315757	0	0	0	0	0
MIR1226	0	0	0	0	0	0
SENP8	1.97827	1.14802	1.49756	1.1555	1.38999	1.82661
POLR2B	30.463	26.0574	29.1903	28.373	26.972	23.9644
DEGS1	163.551	169.681	274.126	232.439	235.792	206.808

CLDND1	36.5248	37.5214	47.6808	35.0666	58.6259	52.3719
FUK	6.82258	7.57879	7.77548	8.40093	9.27961	7.80229
PANK4	9.76973	9.88135	8.69074	9.24501	9.51518	9.68882
AICDA	0.0357744	0.063259	0.0270814	0	0	0.0222931
LOC399708	0	0	0	0	0	0
ZNF177	1.77814	3.30022	2.57718	1.95603	2.73904	2.63586
CT45A6	0	0	0	0	0	0
LOC10050666	11.7059	11.9987	14.0294	17.9359	20.0789	13.9433
MIR1284	0	0	0	0	0	0
LINC00470	0.396551	0	0.358943	0	0	0
ZNF320	3.90046	3.88415	5.85227	4.73875	5.1699	4.81266
GDAP1	2.69992	2.31841	2.54075	2.26529	2.72211	2.30364
LOC10065286	0.994311	0.972657	2.80961	0.713302	1.84852	1.53048
FCGR1C	0.292045	0.387715	0.186536	0.038563	0.368377	0.0511847
C8orf85	6.40065	3.27083	2.44489	10.4763	4.86201	4.31795
C1QTNF6	4.57769	8.08565	8.30667	10.6004	10.759	6.69827
C12orf60	0.910181	0.804725	0.689012	0.284882	0.772933	0.819269
PTPRB	3.41788	3.69666	2.79651	2.24656	3.13528	1.92109
CSGALNACT1	7.24118	4.41671	8.02379	6.60983	13.7749	11.9565
LOC255167	0.852929	0.898687	0.992404	0.43312	1.106	1.4494
ZNF367	2.67095	2.31472	1.82173	1.7382	1.81904	1.77978
NPHP3	9.33768	10.1731	7.30117	5.56261	12.4556	10.0752
C19orf26	1.29613	0.868146	1.66502	1.4752	2.1013	2.5944
KIAA0319L	16.5792	15.865	14.9361	16.4534	16.9513	16.5604
TTY23	0	0	0	0	0	0
HSPA1A	114.498	103.086	105.739	110.342	96.8727	114.543
TAS2R9	0	0	0	0	0	0
ONECUT1	0	0	0	0	0	0
CCNG1	48.6704	43.562	43.1966	34.2734	36.5625	30.5936
ANGPT4	0.648532	0.764522	1.0228	0.710455	0.550739	0.606207
CPSF3	15.1403	16.3469	16.9599	12.4893	11.6256	12.1389
TAF6L	11.3561	17.163	11.8663	16.4505	13.3219	13.9416
SNAR-C3	0	0	0	0	0	0
ATPAF2	9.31437	13.0543	8.56577	13.9289	10.3707	11.7806
P2RX2	0	0.540662	0.0521507	0	0.0438769	0.171721
LOC730091	2.42336	1.82904	0.984366	1.0545	1.18582	0.939232
LOC284950	0.191353	0.0563941	0.120713	0	0.0812492	0.0596216
PMM2	16.8936	18.9606	15.0084	18.1642	16.7527	15.4093
PLEKHM1	9.50304	11.4336	11.9822	12.8011	14.6675	13.4459
GPR161	1.94945	2.08818	2.58255	1.97131	2.65037	3.20057
AP3D1	28.8886	27.8745	29.2187	28.5671	32.8891	30.3792
MIR4728	0	0	0	0	0	0
KRTAP13-1	0.517968	0.305303	0.261403	1.13485	0.219931	24.6385

ABHD3	19.1596	13.1018	13.7863	11.4784	10.1797	11.7737
RN7SK	11.6256	45.2287	31.0957	69.1365	47.3897	28.0125
ZNF446	6.39855	11.1289	7.74204	9.70166	12.6267	10.1317
MRPL4	55.0335	77.7144	54.3718	68.3226	55.4641	53.989
MIR3942	0	0	0	0	0	0
SETD3	37.0917	30.3385	35.0205	30.7798	26.2551	25.8246
TMEM170B	2.16328	1.26174	2.68364	1.22303	1.62307	1.19985
C18orf25	6.88346	5.95921	7.73924	6.53494	7.45942	7.24272
ZRANB1	16.5528	12.5294	16.9487	14.2964	16.7214	16.2996
LOC10050648	3.17697	3.07104	3.55938	4.41502	6.04331	3.88032
ZMYND8	11.6386	10.7399	12.3806	10.9848	12.8512	12.7724
HTR3D	0	0	0	0	0	0
DIRC1	0	0.0658244	0.0563594	0.0699078	0.142254	0
MYO7A	1.20923	1.08985	0.911977	0.64483	1.19678	0.525088
TPI1P3	0.467411	0.326523	0.561639	0.260084	0.297697	0.34521
LOC10065288	0	0	0	0	0	0.0455459
C7orf62	0	0	0	0	0	0
LOC10050763	0.0548474	0	0	0.0515009	0.104798	0
BRAP	7.57801	7.34217	7.5877	7.41117	8.20347	7.34747
NID2	4.29741	3.42799	4.29417	1.84722	3.84402	2.67796
TMEM53	4.32932	5.53546	3.57984	4.12771	4.19969	3.73548
SRD5A1P1	8.13191	5.33982	6.58789	5.76029	6.17877	6.1047
NGDN	23.9699	26.4354	24.1084	24.677	25.1942	21.0234
FXYD1	68.2683	111.386	89.9795	80.7317	87.3909	66.2494
LOC10050759	0	0	0	0	1.13E-07	0
SLC17A8	0.136011	0.0225469	0.102961	0	0.0730908	0.0635669
C6orf106	60.044	54.7792	52.7065	53.4578	42.1201	50.6302
PIAS3	26.5076	33.7378	32.3871	32.8865	43.7893	32.6374
ZNF345	4.94928	4.74092	5.24953	5.37592	6.34231	4.72483
CYP26A1	0.25842	0.308447	0	0.0454968	0.123442	0.161037
FAM91A1	10.495	8.68312	10.2271	8.06909	10.0112	8.0063
ZMYM6	7.3367	7.44641	8.52924	7.20538	10.633	7.75594
AATK-AS1	0	0	0.102543	0	0	0
NRAP	0.106712	0.0838642	0.013463	0.251787	0.0113271	0.123145
MIR2964A	0	0	0	0	0	0
RFPL3	8.65E-23	4.78E-25	0.205715	0.237003	0.126876	0.13184
BSND	0	0.0706097	0	0	0.152595	0
CDC42EP4	52.9096	55.0045	44.1428	47.0996	47.8293	45.1832
MED11	25.1297	31.9418	28.1321	33.0866	28.0158	25.4699
ARHGAP4	7.59518	12.8393	9.74605	7.34071	19.356	9.06791
MUSTN1	21.7797	37.3732	18.1046	27.3721	24.2023	17.2595
FAM75A4	0	0	0	0	0	0
GIPC1	75.3832	101.867	86.7727	121.218	100.493	121.169

DUOX2	2.84448	3.27337	4.07869	4.01344	4.65854	3.34815
RASSF2	7.40716	4.89162	6.68186	3.87925	8.44634	5.25093
MIR200C	0	0	0	0	0	0
KIAA1267	14.7572	12.8946	15.4535	13.813	18.5437	16.3166
MIR1323	0	0	0	0	0	0
LRP1	25.9491	24.0755	49.7249	23.3926	33.6744	24.9739
WNT10B	2.22724	2.76443	3.14509	3.29788	6.38343	5.55168
SPANXN4	0	0	0	0	0	0
LOC387720	0.290909	0.257203	0.408979	0.195113	0.0794063	0.181282
MIR4284	0	0	0	0	0	0
TMEM98	20.8648	23.6647	23.264	24.9875	24.5006	20.3272
LOC1005062:	9.41255	12.2709	9.41966	11.9836	11.1764	10.3384
ZNF3	12.4912	16.7426	14.1995	13.0138	15.4513	14.0845
GRIK4	0.069475	0.0614254	0.105186	0.293562	0.110622	0.0649408
APITD1-CORT	0.0984466	7.25E-05	0.294547	1.14511	2.10E-07	0.048372
KRTAP26-1	1.75869	0.518306	0	32.7523	0.0622287	29.8948
SNORD116-1:	0	0	0	0	0	0
CARD17	10.6419	6.48888	6.11142	7.92513	8.64763	5.48819
DKK2	5.82395	2.40771	7.06218	4.35462	8.20855	6.36797
CCL13	16.6734	13.2033	18.6584	4.22033	21.9776	3.07187
FAM35B2	2.88172	3.44863	2.7185	1.92744	3.14275	2.24705
MYOC	1.05867	2.22859	0.381628	0.378695	0.770597	0.534057
MIR4478	0	0	0	0	0	0
SLC4A7	5.71356	2.83407	3.09339	2.895	4.17666	3.63669
UBQLN3	0	0	0	0	0	0
MIR523	0	0	0	0	0	0
ANKRD40	19.2517	19.1462	23.4768	18.2085	16.8391	14.3235
SLC38A4	0.981182	0.525768	0.840354	1.11501	0.822005	0.643564
UBA7	22.9323	36.5745	20.5838	15.8095	35.9451	18.6951
LOC1006527:	0.369317	0.601755	0.536919	1.00923	0.468509	0.849283
RANGAP1	74.1463	87.7271	69.3048	89.0938	88.9406	104.99
PAXIP1	5.23831	6.072	6.00808	6.19087	6.50832	5.97708
LOC1001342:	5.45458	5.76451	4.22592	5.48189	5.56391	5.49692
LOC1005064:	0.977488	1.40438	0.554973	1.54886	1.28405	1.02791
9-Mar	4.88603	9.03917	6.83803	11.3734	11.8201	11.0789
FGF3	0	0	0	0	0	0
ZCCHC12	0	0	0.0704735	0	0.0296464	0
DNAJB3	0	0.155187	0.207614	0.164814	0.0558962	0
LOC1005060:	3.21839	3.73906	2.99566	4.09791	3.66009	3.98948
QRICH1	30.927	31.7415	33.9575	37.048	36.2187	30.6196
LOC1005067:	0.773036	10.3034	4.39171	11.2974	9.15751	6.20636
LRCH3	4.38033	2.11607	3.76034	2.12013	3.2788	2.95476
SCN3A	0.435224	0.215175	0.223501	0.161495	0.269009	0.170881

LOC10065289	0	0	0	0.131332	0	0
LOC10050703	0.0335016	0.0888599	0.0760826	0.157287	0.0853494	0.0208768
SATL1	0.064763	1.39E-07	1.31E-08	1.34E-08	8.21E-08	2.51E-08
TADA1	6.07795	7.45907	6.69554	5.49414	7.30883	5.9074
TAS2R20	2.33485	3.26451	1.60307	3.41604	3.18165	3.28216
FHL3	15.9842	20.4315	14.1168	18.4412	16.5334	13.7442
NKX2-1-AS1	0	0	0	0	0	0
SOHLH1	0	0.138091	0.210195	0	0.388261	0.129773
RPS6KA4	18.2824	26.0281	19.0985	18.2342	22.8123	16.8629
SCARNA15	73.4426	194.8	111.193	68.9615	140.328	45.7663
LOC402207	0	0	0	0	0	0
CCDC108	0.0161032	0.0142375	0.0585486	0.0151207	0	0.0200697
NOB1	19.7286	30.4838	21.7738	27.9891	28.34	23.9367
LOC10050751	1.08053	0	0	0.732105	0.892119	0
HDC	5.84942	10.2762	15.0668	9.1304	18.0712	8.40268
RER1	55.5797	63.3902	57.1167	64.814	61.2005	58.8591
GNB3	1.89045	3.0563	2.28972	3.19518	4.19692	5.01511
SCGB1A1	0	0	0	0.364885	0	0
SPRR2E	761.844	412.718	189.837	524.57	769.703	612.492
PET112	13.9743	12.0318	11.5246	10.7749	9.9	12.0794
ADARB1	14.2933	13.5627	13.6618	16.8113	13.6208	13.2749
ARMC3	0	0	0	0	0	0
GPATCH2	4.78475	5.07645	3.98429	3.22665	4.10018	4.49959
LOC643441	0.0942841	0	0	0	0	0
NSFL1C	28.4553	31.871	26.2268	33.4867	26.8359	27.5121
LAPTM5	33.7595	35.1248	33.0746	21.8176	40.0725	23.7914
LOC10030691	21.4749	25.6601	22.8397	18.482	17.4344	24.1695
C15orf55	0.0773187	0	0.0390204	0.0968013	0.114904	0.128485
FRMPD1	1.92351	1.05857	2.61506	4.27578	4.30034	8.9899
DAZ3	0.886154	0.321262	0	0	0	0
IKBKE	7.79471	8.37995	5.69531	7.07018	9.8513	9.09683
NOMO2	16.3073	14.263	12.2438	13.1031	13.0398	12.9273
PNISR	77.7198	62.0933	72.6207	55.9416	87.2239	67.4953
C21orf30	2.25569	2.55276	2.42475	2.11806	2.35613	2.41772
VNN3	0.268172	0.339386	0.0464925	0.470976	0.667607	0.559901
TRIM9	0.894651	0.792002	0.732691	1.21267	0.753899	2.07095
CD5	1.78698	1.91255	1.32902	0.942002	2.73552	1.48476
CCT6P3	8.63928	9.32671	9.50012	9.99072	10.7441	10.2383
NPY1R	24.4533	10.3193	13.3169	11.7491	11.247	13.5195
LINC00112	0	0	0	0	0	0
MIR1287	0	0	0	0	0	0
LY6G5C	1.44336	3.0308	1.22921	1.35529	1.37893	0.899441
LOC10050738	0.741943	1.08426	1.6724	1.95939	2.03156	1.6058



SRA1	15.4378	20.9443	15.273	17.8449	15.7658	13.999
TRIM4	15.1881	12.1912	16.198	13.4129	16.636	15.2233
ZNF200	3.29932	3.13622	2.80524	3.06724	2.77396	2.90792
FAM159A	0.954345	0.168754	0.433467	0	0.364697	0.118941
MIR4460	0	0	0	0	0	0
FBXO27	12.8611	20.4213	13.8974	12.5693	19.3823	18.7277
LOC10013214	0.114528	0.0506292	0	0	0	0.0713689
LMF2	34.1721	66.174	39.9893	51.0317	52.772	46.3434
FAM90A13	0	0.0115191	0.0542449	0.0122336	0.0224046	0.104958
TMEM217	1.52125	1.05218	0.564378	1.4458	0.790672	1.60388
FAM131A	11.8455	13.5075	15.4629	16.7023	16.466	15.1467
SNORA29	0	0	0	31.2663	63.6231	20.7499
PCDHA7	0.048466	0.077868	0.0209651	0.0562397	0.0624406	0.0641226
MRPL34	40.2934	57.8228	50.2501	59.4548	45.2419	42.8153
C13orf16	0.373246	0.495	0.423824	0.525708	0.594306	0.930364
RBM1D	0	0	0	0	0	0
ORC6	2.5479	3.57771	2.47211	3.80175	3.49329	2.7264
CXCL9	18.4521	22.8258	0.959199	0.148723	1.21053	0.0987001
PLSCR1	17.6653	17.4993	9.48695	4.47253	11.4279	7.86717
FAM41C	1.50561	1.65084	2.139	2.52727	2.90995	1.77377
LOC729444	0	0.0549138	0	0	0.0197791	0.0193522
USP39	23.8123	23.5759	19.3337	19.6369	20.6276	18.5197
CSK	31.2172	33.656	30.2409	35.4926	36.3165	39.806
ZBTB11	10.7379	8.48104	10.9124	8.15019	10.7075	8.81803
UBE2G1	20.2191	17.6517	19.9414	21.3721	18.5438	17.7691
ALDH1A3	22.6707	14.5031	7.68364	7.64966	6.93853	4.96647
SLC2A13	1.79434	0.88937	1.24513	0.714788	1.02162	1.20287
SNAR-A7	0	0	0	0	0	0
PDE6H	0	0	0	0	0	0
BCAT1	0.41816	0.387723	0.493942	0.316027	0.558295	0.298668
WNT7B	3.94129	7.38809	8.25176	9.62645	8.10234	5.70335
IL1RL2	3.95602	3.31112	5.98952	4.95285	6.51739	5.12766
RASSF3	19.6932	15.2419	13.7397	12.3411	12.198	10.4863
C18orf10	20.5262	25.4841	24.5377	26.2221	19.4378	20.4167
OPN1LW	0.0603446	0	0.0685218	0.0849939	0.160141	0.252784
NOTUM	1.65898	2.36312	2.54659	8.74072	2.17192	3.87676
TTC6	0.718133	0.0604693	0.207097	0.256882	0.0435603	0.04262
OR10H3	0	0	0	0	0	0
MUCL1	2906.16	473.408	663.14	1061.76	391.865	698.422
C4orf21	1.37485	1.44047	1.30855	1.66319	1.77805	1.15517
RSPH6A	0	0.0718999	0.0307807	0.0381801	0.0258973	0
C21orf91-OT	0.850676	0	0	0	0	0
PRR19	1.0647	1.34935	0.621512	1.71861	1.45039	1.71561

LOC1006529:	7.84845	12.0913	10.4485	13.946	17.9665	15.3217
WNT4	9.37676	13.5519	11.4897	15.504	14.556	11.7799
CSMD3	0	0	0	0	0.00473791	0.0185429
NLE1	6.37519	7.91867	6.24713	6.27938	6.55408	5.3878
CLEC3A	0	0	0	0	0	0
MIR4770	0	0	0	0	0	0
ATAD2	5.17407	4.65083	4.38682	4.04864	4.56961	4.14855
SLC25A32	8.07074	8.31391	8.29177	7.44158	6.51293	5.61248
LOC10050600	0.393568	1.39187	0	0	0.250666	0.735764
CYP2C19	0.516341	0.145869	0.111017	0	0.326914	0.731865
LINC00083	0	0.16737	0.143303	0	0	0
ATP6V1A	34.4376	21.0561	28.5264	24.8361	25.5041	26.4376
F2R	17.1445	10.8823	19.6309	13.0699	23.5552	16.7552
LOC10050575	0.146366	0.905853	0.664799	0	0.559328	0.182418
FCRLB	0.415814	0.367636	0.449676	0.501997	0.340501	0.333151
MIR4262	0	0	0	0	0	0
C14orf184	0.0774976	0.0342592	0.0293331	0.145538	0.123397	0.0724398
SETDB1	9.22254	11.2353	11.5555	11.4028	13.0381	10.9442
LOC10050576	0.5949	0.262986	1.35103	0.279301	1.51558	1.20483
LOC10050649	0	0.0441856	0.491817	0	0.636599	0.342572
NUP85	18.0027	21.6895	18.1931	21.5333	19.7548	17.8747
C10orf46	13.7313	11.7527	12.1824	10.0253	12.087	10.2487
RILP	13.1036	17.5849	12.9308	14.9956	11.848	9.47797
MICAL2	2.67478	1.52501	3.76579	1.40836	2.8181	2.85073
HSD11B2	21.4465	30.495	30.8384	72.8702	23.3407	30.1391
CDV3	70.2736	59.7389	59.2296	54.7459	45.6728	43.7936
GABBR1	26.2303	33.1895	28.1521	27.6988	44.3619	36.1776
CCDC71	10.0512	10.9807	10.1889	14.8078	10.1176	10.2232
IGSF6	1.36127	1.40414	2.40447	0.42607	2.023	1.34312
WNK3	0.311838	0.238514	0.261545	0.166478	0.262937	0.304475
LOC390660	0.0430989	0.0857371	0.0435015	0.053959	0.0609999	0.0268574
LCE2C	67.9156	42.6864	137.974	182.855	207.402	151.438
MECP2	9.23397	9.64212	9.73528	9.1742	9.25825	8.44052
ADSL	25.146	25.8533	23.4534	25.1695	26.436	21.8442
DRG1	28.8309	28.5943	23.8041	24.4067	23.4052	22.2483
ZNF420	3.53193	2.38622	2.67369	2.31524	3.07716	2.59546
TTC23	6.7893	6.70234	7.76579	7.46399	8.47409	7.51172
C12orf29	14.8356	12.5781	14.8218	9.87202	14.6981	14.3514
MIR936	0	0	0	0	0	0
PROSC	24.2998	21.9348	22.0444	20.2042	17.923	18.4886
IL22RA2	0.537808	0.412944	0.514743	0.035857	1.04643	0.247032
RHOT2	46.6034	85.7674	57.29	77.4876	82.323	71.6466
VCX	0	0.0271066	0.0232089	0.352654	0.175741	0.255002

C16orf89	0.378735	1.31769	3.71005	0.41675	1.3133	0.486194
ASAP3	26.6856	24.886	34.0433	33.6238	37.0103	32.6857
MPZL3	9.00614	5.20227	9.36297	5.86326	11.0897	12.7959
EHD3	2.32481	2.34277	2.6493	4.78842	2.42004	5.88835
FZD2	1.04965	0.633781	0.60079	0.817333	1.04356	0.893404
PSG7	0.0633144	0.0559786	1.05502	1.36806	2.25841	1.7757
TYW5	4.18967	3.40757	3.74359	3.59373	5.09961	3.66534
SLC9A5	1.2844	1.41368	1.15088	1.27986	1.28549	1.30674
GPRC5D	3.13772	0.990777	0.339325	25.5694	0.570981	184.589
WRN	4.17031	2.59569	4.30623	2.75698	4.52634	2.7653
NT5C3	23.8868	20.8528	19.9502	17.2157	22.827	20.7704
LOC10050569	0	0	0	0.0765965	0.0259774	0.0254167
ZNF816-ZNF3	1.44E-06	7.12E-115	1.20E-38	7.60E-40	1.50E-117	8.09E-85
HS6ST1	25.826	22.4626	24.0362	30.278	29.7681	29.3871
SLAMF8	5.63169	4.5206	4.48323	3.44605	6.94782	3.16978
GFRAL	0	0	0	0	0	0.0338965
ITGA4	1.95351	0.730475	1.57371	0.550378	1.63603	1.15427
C12orf12	0	0	0	0	0	0
LOC10028718	0	0	0	0	0	0
LOC10050720	0	0	0	0	0	0
APOA2	0	0	0	0	0	0
RTN4RL1	7.69652	7.88358	7.4842	7.72633	6.85477	5.92694
LOC10065298	10.7202	9.51239	5.33682	7.13474	7.39485	2.74021
ARHGAP42	1.95236	1.25866	2.07837	1.12668	1.76158	1.71089
NTN3	0.0520918	0.0460563	0.0788676	0	0.0331776	0.0649228
SH3BP1	23.4462	30.2653	24.7893	30.7118	35.1423	29.6353
FGF8	0.143854	0	0	0	0.366489	0
C20orf123	0	0.0446206	0	0	0.128573	0.0314495
LOC10012810	0.199149	0.484206	0.113068	0.327246	0.190259	0
LOC10028930	0.106631	0.141415	0	0	0	0
BMP7	13.2502	14.3231	14.1305	18.6399	12.1659	16.8153
MIR2115	0	0	0	0	0	0
BPIFA1	0	0	0	0	0	0
IZUMO2	0	0	0	0	0	0
ZNF33B	7.34253	6.49179	6.12997	5.74794	8.22735	7.63926
PIGH	19.3452	24.7117	16.0607	23.4006	18.3612	14.6264
NUP107	13.4162	12.5909	15.3663	13.9973	16.0595	11.4832
LOC729173	0.148321	0.61197	0.261987	0.278543	0.377867	0.431329
FGFBP2	21.8042	5.88574	17.3824	22.8292	37.7291	33.7282
PIK3R5	1.57607	1.94617	1.80514	0.616941	3.26022	1.34967
CDKL3	0.759171	1.29985	0.954804	1.05146	1.37465	0.934642
LOC344887	4.72628	5.9755	4.54383	4.34914	2.73927	2.62124
NDUFB6	58.8237	58.6845	47.3632	49.8864	40.6201	40.5053

RNF138P1	0.26911	0.297608	0.471098	0.442208	0.299946	0.377395
UBAP2L	30.3669	31.1409	33.3104	32.3303	35.1084	29.7739
GGCX	7.14592	5.9416	7.14665	6.84125	6.93611	7.37345
LOC10050736	0	0	0	0	0	0
SEL1L3	3.55536	3.44459	2.98152	2.07902	2.86104	2.71969
MIR218-1	0	0	0	0	0	0
CNOT2	25.3486	25.6417	26.6351	26.4375	27.3491	27.0591
KRBOX1-AS1	0	0	0.0362047	0.140873	0	0.0298032
MIR539	0	0	0	0	0	0
LOC729178	2.00292	1.81588	0.939911	1.04857	1.57837	1.51243
MGC2889	0	0	0	0.131321	0.0593826	0.0581008
GALE	13.042	12.0111	8.2418	9.29588	11.0871	14.3732
C19orf63	58.404	64.34	59.5952	77.3541	59.718	60.5619
ZNF658B	1.46616	1.4298	1.71477	0.937621	1.45195	1.22948
DNAJC7	53.4654	52.7777	49.1622	51.7508	50.6495	56.3763
S1PR5	11.408	18.3829	12.2055	18.6218	16.6883	17.0907
C6orf72	33.2196	26.7255	35.6906	29.9333	30.3567	24.7512
TMEM140	10.5196	11.8675	11.7363	7.08115	9.68124	6.77535
AKIRIN2-AS1	6.33252	3.03269	3.2957	2.2298	4.36932	4.11058
SLC25A38	14.9814	16.2793	13.6092	14.6572	14.6204	12.4075
C1orf212	7.59935	7.41656	6.84609	7.3144	5.76254	6.2095
EFNA4	28.7944	35.091	29.8469	44.6962	34.8944	36.7804
CANT1	15.5493	14.3609	14.0217	13.7489	16.3085	17.9851
EPYC	0	0.0616	0	0	0	0.0868339
HLA-DPA1	88.3789	85.5621	96.7008	52.28	95.4471	47.9912
LOC10050690	0	0	0	0	0	0
MIR4792	0	0	0	0	0	0
SERINC1	84.8527	69.2806	95.8833	66.3217	73.1468	65.173
SNORA1	0	0	90.3055	0	0	74.3384
DCAF8L2	0	0	0	0	0	0
DLD	55.4584	42.1217	44.0794	38.7598	37.1327	36.7813
FRMD8	26.2688	30.8593	25.3359	30.0793	30.0389	33.617
FBRSL1	14.5016	19.3544	16.3081	23.9343	20.7282	17.0208
PFKP	24.9925	21.6602	20.5371	22.1328	24.7359	18.9393
MIR325	0	0	0	0	0	0
LOC10050646	0	0.0435256	0.30855	0	0.0486745	0
FLJ32224	1.21758	1.52505	1.92024	2.38185	1.29267	1.0783
OR11L1	0	0	0	0	0	0
LOC284385	4.72943	3.87919	3.4508	4.49436	3.37512	4.65157
C14orf133	11.9961	12.6469	10.6976	9.92896	11.1556	10.869
PKN3	5.68999	8.43615	5.43389	6.00039	7.65683	5.98079
DTX2	15.3647	23.9105	20.0173	21.7942	25.3442	23.3367
TXNRD3NB	6.63E-69	0.802831	0.546264	1.06E-175	0.482826	3.94E-14

AACS	106.692	71.7524	84.2145	77.2356	67.9086	74.6371
LOC10050736	0.542072	1.4378	0.410351	0.254498	0.172624	0.675592
PHF14	9.49785	8.82904	9.0811	7.05165	8.15331	7.60899
PMS1	6.8253	6.25209	8.15602	6.25032	7.33938	6.41278
MIR1913	0	0	0	0	0	0
NTN5	1.99188	2.91838	2.15409	4.00787	1.81234	1.4895
TMEM200C	1.08215	1.05245	0.696318	0.914514	1.24061	0.708071
ANKRD31	0.142664	0.0700745	0.143996	0.0446529	0.0706714	0.0493899
INO80D	4.88497	3.91886	5.82511	4.85017	5.72507	3.93334
LRRC4B	0.706354	1.60589	0.687489	1.64235	1.47818	0.733616
KRT84	0.347573	0.263402	0.263115	0.979096	0.252996	3.49643
LINC00427	0.430262	0.38041	0	0	0.548072	0.268121
PNPLA3	13.5366	10.3934	12.4046	9.63331	9.00721	9.90051
MIR1302-10	0	0	7.00285	0	0	5.76466
CHMP4C	20.9716	12.3945	19.085	20.1697	19.8374	19.1979
FAM197Y6	0	0	0	0	0	0
MIR4301	0	0	0	0	0	0
EDEM2	13.2456	15.1011	11.2412	12.8199	12.9314	12.2116
NLRP13	0.188167	0	0	0	0	0
SPATA22	0.310288	0.0769346	0.263489	0.435774	0.221686	0.054225
FLJ30403	0.808325	1.09846	1.12838	0.874373	0.751235	0.889761
BAG4	5.12428	4.66883	6.78004	4.54017	5.7898	5.08137
C6orf201	0.0643288	0	0.0974633	0	0	0
HMGB3	7.56687	7.10523	6.68982	7.28669	7.54567	7.43442
ANO5	0.673385	0.304424	0.563939	0.309889	0.237508	0.152275
S100A7	3255.24	2020.29	75.0006	233.026	1373.84	378.977
PSG6	0	0	0	0	0	0
LUM	40.0376	26.8601	40.2646	29.4833	46.6421	30.0909
WDR83	13.6743	16.153	12.6825	16.1642	17.0143	14.1403
RUNX1	17.6032	13.202	12.5391	13.286	16.6581	13.7441
MCFD2	31.6083	22.1495	28.7216	21.5201	24.1721	22.387
SPINK4	0	0.530178	0	0.563067	0.381924	0
GATSL2	0.582869	0	0.634328	0.0558685	0.589832	0.817552
SUDS3	16.9082	15.4553	17.7987	18.3723	16.7459	15.7729
LENEP	0.212395	0.56336	0.643138	0.598308	0	0.264712
NFU1	32.6091	29.4731	27.3268	24.3382	21.3054	21.1633
LOC10065285	0	0	0	0	0	0
LOC10050608	0.754867	0.71139	0.736492	0.783974	0.700047	0.653117
KRTAP5-4	2.38702	0.732795	0.144559	23.4897	0.972995	171.14
LOC10050615	0.106344	0.0187388	0.273985	0.0799841	0.16216	0.184882
SNORD114-1	0	0	0	0	0	0
POM121L12	0	0	0	0	0	0
CABP7	0.219248	0.0666321	0.113199	0.241679	0.211034	0.41107

CLK3	22.6785	29.2016	27.5267	31.8705	33.6059	33.1374
PCDHGA5	0.710038	0.258328	0.945313	0.468946	0.980442	0.415399
SNORA71A	0	0	0	0	23.5674	0
CLCA1	0	0	0.0480361	0.0297918	0	0
ADAM5P	0	0	0	0	0	0
POT1	4.7013	4.21928	4.37118	4.28971	4.41626	4.29898
GUCY1A2	0.168425	0.0893465	0.229498	0.126519	0.0858167	0.0629732
LOC440157	0.339044	0.758493	0.706407	0.508996	0.110466	0.0703423
ASNSD1	15.9083	15.1498	17.0269	15.4368	14.1172	13.2263
KCNS1	0.469454	0.490527	1.21152	0.901656	0.84263	0.664872
PPP1R2P3	2.85699	2.43411	2.47734	2.29272	2.08444	4.88788
UGT2B15	0	0	0	0.0450481	0	0
KITLG	9.03998	6.26405	7.39827	5.05251	6.87204	5.64461
ADAM33	14.27	29.5603	21.5908	17.6575	41.2583	29.0481
KRT32	1.49463	1.59487	0.429169	29.6173	0.426732	33.498
OR2K2	0	0	0	0	0	0
SCO1	19.3613	16.9061	16.4263	14.7466	14.0875	13.3352
LOC158696	0.239822	0.0302908	0.129676	0.0643398	0.0654617	0.0640487
APOL3	38.1885	40.0672	18.2975	10.388	26.9172	14.3057
LIPI	0.0649181	0.0573965	0.14743	0.304785	0.165387	0.0404542
SNORD13	0	0	0	0	0	0
SMN1	14.4213	11.4907	15.598	14.1604	14.9896	12.9602
LPP-AS2	0.830468	1.31505	1.57157	0.617928	1.27774	0.951726
LOC339803	1.22121	2.54256	1.81911	1.1467	1.90686	1.44837
TMUB2	27.9584	38.5882	31.9933	39.2615	42.8955	36.5309
GSTM3	12.2039	12.3451	15.3729	16.8316	16.8246	11.8023
MIR514-2	0	0	0	0	0	0
C16orf70	19.305	17.739	19.2729	19.3927	23.9794	24.1216
NMUR1	0.663559	0.93335	1.41562	1.38775	0.768408	0.319524
GFPT1	9.83408	5.6254	7.35326	5.63503	5.13346	4.8111
SLC44A3	12.878	8.86545	10.7106	10.1031	8.25621	7.09063
GSTM1	128.177	91.3281	60.9683	79.7616	105.557	77.5116
LOC392196	0	0.0222284	0.0570965	0	0	0
SNHG10	8.27021	10.7947	9.33505	8.9356	10.8873	8.90985
C21orf7	3.52038	4.66875	1.72438	3.01392	4.81403	3.41968
C8orf34	0.122525	0.488299	0.436402	0.249454	0.336199	0.351965
C5orf58	0	0.276129	0	0	0	0.194621
LOC10050574	7.71126	9.44847	3.72393	2.83302	11.8122	4.7495
FMR1-AS1	0	0	0.0514581	0.120351	0	0
DENND1A	6.60961	5.69408	6.3711	5.95588	6.05044	5.71907
GPA33	0.0715766	0.0316418	0.027092	0	0.0455876	0.0223018
SNORA2A	87.5216	38.6906	0	123.272	55.743	54.5398
NMT2	7.88023	7.73377	9.95203	7.86979	9.1544	6.65156

LOC10050674	0.156584	0.185472	0.276477	0.147149	0.532922	0.391747
LOC642799	14.0661	24.3496	10.7442	16.5897	25.8043	22.8496
PKD2L1	0.357864	0.0575274	0.0246277	0.030548	0.0621615	0.101366
SCGN	1.01928	0	0.110229	0	0.0463704	0
VPS39	26.4598	28.9776	31.7549	29.6118	36.3905	29.5276
PILRB	89.6972	124.139	72.3241	91.994	96.4115	93.8494
C18orf26	0	0	0	0	0.0324271	0.190363
SLC35E4	3.21147	3.85595	3.7517	4.57913	4.92412	4.47194
CENPV	4.37356	5.8432	4.04655	4.92805	3.89976	3.33107
FCRLA	0.37745	1.41815	0.774412	0.653286	0.528016	0.510346
POTEE	11.7032	10.3068	8.715	8.1702	8.61883	9.75917
MEMO1	11.034	13.1142	11.4567	12.7952	12.2119	13.376
IGSF23	0	0	0.0901983	0.111881	0.0758883	0
ATP11A	7.35479	5.70404	7.3221	5.23734	8.11757	6.27922
CIDEA	274.372	365.048	181.828	202.518	142.348	173.8
KCNK1	10.9039	10.2693	9.22333	9.17025	10.6587	11.7581
OTUB2	15.7899	14.3395	9.9863	14.4238	8.04853	15.8282
GBGT1	1.7557	2.96344	2.61788	2.14814	3.21911	2.48654
MRPS17	21.3639	32.7256	22.7544	24.4923	21.5177	22.4464
TANC2	5.66518	4.07495	6.6691	5.43222	5.48363	5.5697
LOC10012849	0	0	0	0	0	0
IL10RA	7.10577	5.90232	6.00787	3.14655	11.6141	4.91258
C16orf47	0	0	0.238849	0	0	0.196618
C20orf79	0	0	0	0	0	0
C9orf128	0.270269	0.268825	0.0511489	0.158612	0.21517	0.147368
MIR574	0	0	0	0	0	0
SPEM1	0	0	0	0	0	0
SOX7	21.1523	23.0779	22.7618	24.5673	27.3748	24.0442
LOC10013067	0	0.058973	0.0504932	0	0.0849648	0.0415654
MIR4663	0	0	0	0	0	0
KCNH4	0.0995333	0.0660008	0.207205	0.0467301	0.0633933	0.0310125
PF4	0	1.24814	0	0.662785	0.449562	0.439858
GNPDA2	8.55906	6.03475	8.36562	5.44266	8.6255	6.00879
ECH1	214.477	236.516	196.675	212.108	165.237	188.155
PNLIPRP1	0	0	0.0552015	0	0	0.0454412
PRKY	11.3595	13.1659	0.0897829	0.0748627	0.117505	0.0905375
HSD17B7	14.3841	13.3845	13.2807	12.8199	14.1023	13.5774
HS6ST2	0.39381	0.0771048	0.103154	0.247715	0.223171	0.231876
DYNC1I1	1.90016	1.14046	1.48977	3.05799	1.26864	2.09285
LOC10050701	0.307002	0.31667	0.477715	0.512479	0.49969	0.382621
STXBP4	0.712094	0.475689	0.503122	0.653787	0.735738	0.680412
CDKN2B-AS	0.178319	0.0675677	0.0964201	0.0239198	0.146021	0.0317487
EMILIN1	8.40147	8.78657	9.94329	7.05109	9.97579	8.1852

ELK1	13.9799	12.1678	12.4111	11.5114	12.8417	12.3327
C9orf163	0.743407	0.795647	0.740478	0.624569	0.64792	0.804609
FOSB	0.623031	0.897989	41.4646	1.10414	7.14562	0.48499
HELZ	4.76459	3.22982	4.61242	3.62747	4.76988	3.85602
EIF2B2	17.1832	18.2676	16.5888	17.4414	15.0647	22.9329
NCF2	9.39813	8.40801	9.45843	8.29212	14.9333	8.18324
LOC10029240	0.673728	2.52E-09	0.539574	0.468627	0.434421	0.433944
NLRP12	0.152309	0	0.076419	0.0473947	0.0729242	0.0713501
FLJ40194	0	0	0	0	0	0
SLC34A2	10.3148	0.395081	1.15403	1.27643	1.51459	1.57819
AHCY	57.6609	58.1869	48.0671	61.7965	49.4085	48.5729
LOC440970	0	0	0	0	0	0.00810552
IL27	0	0.196722	0	0	0	0
GDF9	0.357776	0.858591	0.928589	0.335946	0.748714	0.637002
LOC10027080	3.51942	4.52688	4.13909	3.41382	5.34774	4.09846
VSIG10	7.24593	7.7013	5.4998	6.18858	5.53551	5.40402
CDK14	3.29118	2.39331	2.93371	2.96236	2.90239	2.14801
APOA1	0	1.07593	1.53536	0.507854	1.37789	1.17963
SLC17A6	0	0	0	0	0	0
NKX2-2	0	0	0	0	0	0
LOC10050610	0.504991	0.669722	0.191141	0	0.160816	0.472034
AKNA	5.95683	7.04116	5.40538	3.1289	8.7023	4.11291
EGLN1	15.2179	13.6918	14.3214	12.5016	14.1415	12.1902
FLJ45248	0	0	0	0	0	0.103711
SNORA59B	19.2134	8.49365	59.3907	9.02055	49.9683	37.4156
BST2	53.2427	80.9715	30.277	19.6149	30.7467	20.0024
TAS2R19	0.134622	0.476097	0.10191	0.505631	0.60019	0.167781
LOC10050620	14.6932	15.8381	8.53259	5.85887	10.8965	10.4105
ASZ1	0	0	0	0	0	0
MEGF6	19.4151	36.7255	25.353	27.0339	38.3605	30.4643
ZNF641	7.91412	7.47042	7.56006	5.1972	7.77168	6.36762
MITD1	26.1392	30.5013	23.0017	15.4492	25.1274	22.7382
SSTR2	0.232235	0.293325	0.226032	0.342673	0.295823	0.372134
LIMK2	42.4949	43.8231	47.8986	51.6992	57.5848	54.6176
PPIH	23.3271	33.7237	25.2951	27.8238	24.2935	17.4831
ACTR3BP2	0	0	0	0	0	0
TCEA2	9.67868	15.7817	12.6019	16.5856	16.3486	11.6787
HDGFRP2	18.5071	24.789	20.53	23.2452	25.9665	23.7976
MIR3926-2	0	0	0	0	0	0
CYP51A1	43.8221	27.4262	36.8651	32.7304	25.2587	32.4729
EIF2D	30.7358	32.9967	31.2826	34.3281	33.9274	30.9445
C12orf55	0.0167583	0	0.0634306	0	0.0533673	0.0522153
PHF1	32.7564	46.1173	32.1024	43.2468	42.9177	34.2892



ABI3	3.79101	4.08976	2.61512	2.0297	4.50204	3.27635
LOC10050706	0	0.131705	0	0	0.104863	0
ARHGDIB	100.713	96.6207	76.2404	67.6598	88.3824	54.5491
KLK13	16.0952	10.5555	10.5105	6.47704	14.9824	12.675
MIR548J	0	0	0	0	0	0
LOC10028698	0	0	0.92743	6.93E-217	5.68E-227	4.67E-187
DSP	243.871	204.566	342.264	313.48	303.97	339.545
AXL	16.8117	12.8857	15.4464	11.3384	12.9869	11.6788
LOC284412	0.563346	1.26434	1.22856	1.60417	0.7528	0.891135
FAM22A	2.25047	3.55486	2.31681	2.05681	2.3506	2.16894
LOC10028919	0	0	0	0	0	0
GUSBP10	0	0	0	0	0	0
VSTM2L	3.53001	3.16759	0.797682	1.38521	1.14092	1.08346
TFAP2B	7.09268	5.52191	4.26266	6.00484	4.32694	5.88969
DBH	0.616289	0.448728	0.109773	0.0340403	0.577232	0.211041
IZUMO4	2.97252	6.72861	3.17945	2.32801	6.91892	6.17919
LOC644717	0	0	0	0	0	0
TM6SF1	3.5189	3.89763	4.24509	3.1673	4.88943	2.95209
LOC10050551	0.111971	0.079719	0.0521063	0.106413	0.0740183	0.0279751
FAM71F1	0	0	0	0.0576324	0.156367	0
PRKAR2A	7.92253	2.86209	8.67365	4.99941	4.88313	4.72464
LOC151174	0.105796	0.385964	0.250276	0.409907	0.408002	0.849325
SNAPC2	12.4866	16.5828	13.8814	17.2335	18.1039	15.5381
C19orf45	0	0.167134	0.0954008	0.295836	0.0802654	0
TMC8	4.72492	6.00199	4.47603	3.19935	10.0955	4.76231
ZNF470	1.95843	1.76686	1.50271	1.20094	1.75645	1.66873
TMEM132B	0.300768	0.4432	1.10047	0.741343	0.622573	0.616944
TMEM129	24.7836	32.228	26.5866	31.7553	32.5637	31.5192
SFI1	6.04733	8.72278	8.64917	10.2022	8.62825	7.43551
LINC00115	2.59477	2.5167	2.15434	1.57294	2.93232	2.19071
BACH1	8.89952	7.08705	12.262	7.58509	11.9995	9.82456
FAM19A1	0	0.0479793	0	0.101911	0	0.0338168
APOBEC3F	3.51595	3.36785	2.86469	2.83534	4.0694	2.17429
NOP2	19.4914	24.6885	16.4559	23.2499	19.344	15.8706
EVX1	0	0	0	0	0	0
SSR1	18.0379	13.8255	18.1364	15.2041	15.0276	14.2085
SLC27A4	36.9553	40.1989	31.0447	40.8326	30.3774	40.4454
KCNS2	0.0312443	0.0552485	0.0236521	0.0293379	0.059699	0
C6orf120	15.1085	13.0135	15.2723	11.1401	13.9724	12.7325
SNORD115-3	0	0	0	0	0	0
TMEM19	13.7449	11.1978	15.4031	13.0817	13.2371	13.016
ADCK1	15.6464	18.9128	18.0765	21.0638	9.6427	14.1194
MIR3975	0	0	0	0	0	0

MTL5	1.69697	1.8263	0.990517	1.34152	1.4519	1.32585
GPD2	12.6824	6.71567	9.8375	7.89479	9.25559	7.06913
MIR4515	0	0	0	0	0	0
LOC646762	2.9486	2.90522	2.46979	2.19051	2.40455	2.3843
BTN2A3P	1.50512	1.65443	1.41653	1.06951	1.91724	1.36887
CLEC4C	0.091685	0	0	0	0.23358	0.228538
HENMT1	6.416	7.37242	3.90785	3.86176	4.32372	4.31177
LOC10028794	0.520662	2.54E-11	0	0	0.343761	0.33876
MRPS5	32.7274	28.7663	23.5676	26.0182	26.3702	24.1976
WDR87	0.15851	0.0840868	0.00799954	0	0	0.0131702
CPSF2	10.4865	8.31415	11.8932	8.20558	8.56646	7.90801
LOC10050610	0	0	1.20154	4.47113	0	0
NCSTN	33.2484	27.5111	30.2773	32.7711	29.7975	28.5881
THBS2	24.4781	24.6316	27.4829	17.734	35.3617	39.6453
GAS2	1.32807	1.66958	1.35237	1.58179	1.62472	1.58965
PEX14	15.4745	17.7813	15.6734	16.8086	15.4877	14.9854
CLGN	1.06184	0.2956	0.253096	0.517697	0.212942	0.1861
PSAP	373.226	346.692	401.08	355.139	330.691	296.996
SLC16A3	5.48149	6.51935	2.94758	7.16705	5.28546	3.47877
LINC00308	0	0	0	0	0	0
C3orf33	2.68805	3.94516	2.19766	1.61538	2.15716	1.77558
C1orf146	0	0.152082	0.260428	0.323033	0	0
C1orf35	17.933	30.8	21.4997	29.488	30.1661	26.5207
ZNF765	1.69929	1.65515	1.99368	1.33408	2.24766	1.8534
PTPRO	0.624351	0.617752	0.482109	0.248634	0.907712	0.203504
SLC2A10	3.25842	1.88678	3.36992	1.853	2.80605	2.1306
FLJ36644	0.579989	0.84244	0.250888	0.4668	0.554097	0.361424
SSR2	163.392	199.602	177.123	210.841	170.014	153.709
RBM11	0	0	0	0	0	0
CCDC91	16.1017	11.8506	14.594	11.6868	11.3917	11.417
GUSBP2	0.701744	0.358239	1.03516	0.928	1.11969	0.919143
ZFP62	12.7189	11.8567	12.1896	10.5514	11.8656	10.6191
LOC729678	27.0656	30.412	18.9327	22.4224	23.3917	21.5809
C14orf169	7.11415	6.75478	4.88971	7.08158	5.91248	6.64126
EIF2S1	22.8685	17.8025	19.0268	16.867	16.1569	17.06
TBC1D3G	3.20261	5.43783	3.4181	3.76848	6.2246	5.95469
MIR563	0	0	0	0	0	0
MRPL38	37.3059	51.2744	36.1482	49.0415	42.0342	39.098
BEND5	2.23563	3.51395	3.19672	3.42095	2.63682	2.5283
MIR4799	0	0	0	0	0	0
PTK2	18.9317	16.9477	17.2386	17.1961	15.8283	13.7715
TAF7	50.0324	43.4511	47.8471	43.0646	46.1603	45.4127
SSBP2	16.5025	15.9554	17.6103	15.9454	17.3254	16.4649

TMEM132A	7.32079	8.72431	5.1423	8.69972	6.14089	12.9249
HUNK	0.74642	0.614425	0.769629	1.293	0.844244	1.10671
OR1N1	0.127905	0	0	0	0.0814631	0
GJC2	1.4482	2.25955	2.32157	2.59969	2.55008	2.20306
LOC10050619	7.55882	7.32563	5.72207	5.91468	5.92524	4.3782
RNASEH2B	14.3333	14.6366	13.1621	9.72235	12.0615	10.4016
HMGB4	0	0	0	0	0	0
SNIP1	6.37967	6.61674	7.368	7.75681	8.90789	7.03365
SNORD116-10	0	0	0	0	0	0
ATP4B	0	0	0	0	0.0914422	0
SARNP	29.2311	24.5246	21.6728	22.4091	22.737	21.9081
CDSN	250.951	105.891	170.476	132.764	240.133	307.107
LOC285375	0	0	0	0	0	0
RIPK3	6.81358	9.94461	7.28658	7.31182	13.2255	8.96367
MIR371	0	0	0	0	0	0
HIST1H3B	0	0	0	0	0	0
LAMC1	23.0263	17.084	25.1134	17.0261	17.3459	14.9259
LOC10029351	5.57047	7.90961	6.586	7.00485	6.43745	5.94278
GPR107	25.227	19.8399	22.6454	20.7225	22.2629	20.5691
LOC10050681	0.269453	0	0	0.759036	0	0.335823
SNAPC1	3.77965	3.70932	4.52072	2.48432	3.75536	2.9206
ANO9	34.5812	49.9558	48.6366	52.3925	89.4327	76.5293
MGC39584	0	0	0	0	0	0
NTSR2	0	0.234199	0	0	0.0421775	0
SLC2A3	4.60965	4.55762	4.55893	3.51395	6.56635	3.16597
SEPHS1	16.4829	15.4741	14.8955	19.046	14.6396	12.5141
WNT5B	4.12376	4.97148	5.53345	9.81128	5.37174	4.37988
NTRK1	0.0783172	0.282751	0.0296432	0	0.17468	0.152516
ACSF2	32.6822	31.3539	31.5612	36.1523	29.4572	27.1075
SOHLH2	0.649651	0.5094	0.564928	0.000165961	0.097159	0.290651
LOC10013273	0.170971	0	0.0647131	0.0802697	0.108893	0
TTY17A	3.83162	0	0	0	0	0
P2RX1	3.55258	7.5137	5.45775	5.16725	9.27247	6.01204
LOC10050729	0.224814	0.397533	0.680742	0.844388	1.14548	0.980663
LOC729732	2.34683	4.397	3.89152	4.40728	5.62302	4.15521
IQCF3	0	0	0	0	0	0
ABHD2	13.1588	8.58919	10.8467	9.23388	11.3884	9.07057
PPP3R1	36.3973	31.2757	38.3942	33.092	32.8494	30.8037
LOC10065300	0.7707	0	0.291712	0.361838	0.490863	0
C19orf44	3.35786	3.27653	2.60115	2.19629	4.80905	4.03027
DGKH	0.603643	0.58898	0.760601	0.592936	0.580475	0.494183
CORO6	4.39732	10.2336	5.01542	7.57202	8.40204	6.3419
MUC2	0.0790166	0.029109	0.0913856	0.0515246	0.00698974	0.0683886

SNORD103B	0	0	0	0	0	0
AWAT1	114.446	130.667	82.685	86.6143	47.5357	80.6879
LOC10013331	0.53888	0.310622	0.25778	0.0409433	0.178541	0.15506
SIGLEC14	0.194428	0.343803	0.15025	0.36513	0.49533	0.183254
BPGM	11.2881	8.62417	11.801	9.17266	9.44347	10.0045
CDH23	4.10512	5.42131	3.97991	3.75354	7.75526	3.4214
FAM160A1	3.30061	2.37571	4.66082	2.68202	3.43626	3.98176
DPH3P1	1.29747	2.48547	2.29178	2.0305	2.96114	1.88656
STAMPB	8.4169	7.04622	8.34606	7.04629	8.28838	7.57141
CXCL12	239.829	193.713	335.601	150.665	266.926	170.744
GARS	33.7748	26.0967	27.7994	30.1761	26.1474	34.1107
MIR412	0	0	0	0	0	0
ZNF738	0.96237	0.943058	0.934933	0.72292	0.960271	0.734643
MIR593	0	0	0	0	0	0
RORC	11.5857	13.3621	17.2222	19.3872	18.7771	14.0158
RDH16	3.48461	5.13478	4.16505	6.54398	9.46151	7.69535
C1orf140	0	0	0.0489933	0	0	0.0268871
RAB11FIP1	18.2195	10.0663	15.197	13.0787	15.4514	14.801
TBL2	12.2757	12.4121	11.962	11.4654	10.0226	10.3963
LOC10012817	0	0	0.0747733	0	0	0.0307762
MEIS3	1.42614	1.51253	0.864287	1.42628	2.00203	1.79438
ALDH3B1	4.77989	4.75023	4.71181	3.86224	5.47495	4.96441
LOC643696	0.889594	1.40491	1.07101	0.994119	1.12973	1.33297
SPANXN1	0	0	0	0	0	0
ASAP1	9.88115	9.22631	11.4719	8.7727	13.6558	9.31522
NKIRAS1	5.70114	4.39906	4.27656	4.13662	3.69711	3.97257
TBC1D30	0.593904	0.278621	0.31196	0.386952	0.185271	0.536262
LOC10013098	3.19471	3.08134	3.5177	3.13614	3.51454	3.25769
SHISA7	0.11098	0.0420519	0.108016	0.0446606	0.0403906	0.0197594
SENP1	4.15223	4.15942	3.91746	3.53396	4.58567	4.12979
LOC10050590	3.77879	3.71214	2.58086	1.86742	2.63886	7.64298
LOC10050729	0.22762	0.217331	0.44196	3.87E-196	0.398389	0.161013
HDHD1	3.84953	3.45023	3.95485	4.81978	4.38164	4.12161
TP53AIP1	24.4467	46.0495	28.7835	52.7487	44.8421	54.2879
FABP6	5.34494	3.60754	1.02503	1.48996	2.09372	0.988814
TBX21	0.822009	0.51912	0.53337	0.0735098	0.598334	0.0975697
ZNF182	3.94614	4.56119	4.11873	4.65886	6.01476	4.91877
CEP104	5.88248	5.4492	5.42648	4.96842	6.04348	6.12487
CCNJL	0.693721	0.506676	0.273992	0.736357	0.633937	0.50748
MIR4283-1	0	0	0	0	0	0
PSMD12	21.0864	16.7046	17.0838	14.1673	14.2792	15.2986
VCX3B	0.0960771	0.509672	0.0545482	0.596546	0.137682	0.189731
SEC23IP	8.56039	7.43828	7.85949	5.85166	7.87202	6.37351

KRTAP12-3	0.943998	0.417312	0	25.7056	0	131.182
BCAP29	25.0536	18.5965	21.0829	15.2612	16.7482	18.0679
LOC10050669	0.0683311	0	0	0	0	0
GFM1	22.9459	15.1967	16.0604	13.0766	13.5485	12.1249
NT5C3L	25.8213	29.7936	27.9264	34.5726	29.6938	28.7214
TXNL4B	10.5329	9.75907	8.05438	8.67447	10.882	9.91993
MPHOSPH6	40.3898	36.3544	24.8227	29.226	30.8959	34.186
KAT6B	5.19213	4.19904	5.6401	4.41794	5.44334	5.09818
MIR4711	0	0	0	0	0	0
ZCCHC5	0.49297	0.23469	0.0861187	0.106821	0.169064	0.189045
PCDHB10	0.728782	1.10652	1.19299	1.00148	0.964221	0.907899
MRRF	21.0121	25.8471	21.8702	24.2388	22.6164	22.8837
SRSF9	106.895	101.171	93.9978	111.475	91.5399	96.1094
AADA4L4	2.64533	2.33883	1.02694	0.573212	1.38242	0.591753
OR10J1	0	0	0	0	0	0
NOG	0.220044	0.0486372	0.249861	0.309926	0.245257	0.342805
LOC10050590	1.09788	0.754971	0.461723	1.03089	1.78696	1.06424
NCOA4	102.457	71.368	81.2447	65.8539	69.7534	62.6778
KIF12	2.78622	3.33015	2.92942	5.52313	4.56785	4.59786
LOC10050650	0.245771	0	0.18605	0.230775	0.156533	0
HOXA9	7.54885	6.54799	4.80464	5.40506	7.20569	6.0159
SNRPC	31.9423	35.973	25.5741	35.025	30.2499	28.2499
BRD3	9.59038	9.11226	10.8751	9.62778	11.3885	9.12072
LOC10027183	0	0	0	0.147178	0	0
INO80	8.62554	7.789	8.91137	8.0416	9.25711	8.06261
CNTN1	3.10578	1.07839	7.34994	3.65204	5.63814	4.4131
TMEM207	0	0	0	0	0.0476486	0
BCCIP	46.2315	43.1285	33.6254	34.7	33.6736	30.7646
LOC10013058	0	0	0	0	0	0
LOC283624	8.1885	6.9621	7.90561	9.94231	8.66035	7.18812
LOC728190	10.926	14.6828	9.34614	8.59217	5.3213	6.22269
CACNB3	11.3285	14.7845	11.5091	14.197	16.8474	17.6231
C5orf15	29.5172	28.4267	30.1873	25.7874	29.0386	24.0707
LOC728485	0	0.244498	0.334945	0.155799	0.281806	0.241258
MIR4682	0	0	0	0	0	0
FAM46D	0	0.0289772	0	0	0	0
EFCAB8	0.0946581	0.104613	0.0537425	0.0444412	0.0753603	0.0884803
LOC10050724	1.35181	1.73786	1.71509	0.681527	1.25115	1.16714
LOC10050812	0.895816	1.28042	0.908439	1.42769	0.89927	0.915959
EMID1	6.30038	6.67564	9.8165	11.6441	17.3674	10.8125
UNC5A	0.367179	0.162318	0.218394	0.123134	0.150337	0.555682
BTBD11	6.15733	6.73031	6.64802	8.24928	7.33234	8.49992
AGMO	0.0816459	0.46921	0.309032	0.0766642	0.234003	0.0763174

NR2C2AP	14.2497	23.6656	14.7588	20.786	18.14	17.8115
PUM1	21.15	15.9288	20.3699	20.2031	19.701	18.6558
LOC10050765	0.0406432	0.0718683	0.399972	0.11449	0.103543	0.101308
OR7A5	0.623679	0.339334	1.01689	1.57668	0.458336	0.358754
COBRA1	30.3742	39.6232	32.8563	36.5171	39.1409	36.0462
MLIP	1.67207	2.09006	1.52765	1.29935	1.61579	1.97613
FOXD2	0.22757	0.384115	0.407188	0.505073	0.461175	0.335192
FLJ43315	0	0	0	0	0	0
MTMR9	3.84952	3.01418	3.09601	3.2164	3.82168	3.25112
MRPL53	57.4038	81.3154	61.0588	74.1633	63.3807	71.8041
CCDC130	25.6501	46.1811	31.2613	44.9503	44.7114	38.4588
SNORD116-1	0	0	0	0	0	0
SLC3A2	62.1046	77.3856	66.27	89.5875	73.6124	80.1269
CD300LF	0.119496	0.211302	0.361837	0.112205	0.456647	0.335092
DAG1	30.3441	22.9303	30.1751	27.4493	26.6893	26.2807
RBM34	22.0188	23.8092	22.0104	20.6248	21.7539	20.1138
SNORD115-1	0	0	0	0	0	0
GPR26	0.0182885	0.0242543	0.0138445	0.00858632	0.0640643	0.0284916
RANGRF	23.5517	31.9949	21.5259	25.9295	25.7048	21.0403
TRIM54	0	0	0.131254	0.0527916	0.106815	0
LOC1002892	2.30809	0.0774939	0.132702	0.192036	0.297729	0.45516
FAM117B	3.81835	2.96496	3.7828	3.38272	3.29896	2.94843
C1orf126	0.811578	1.78773	0.570019	0.942233	2.8638	1.98122
FAM205A	0.0451964	0	0.0684278	0.0212193	0.0287858	0.056329
LOC253573	0	0	0	0	0	0
POC5	5.17442	5.88404	5.35382	5.70343	6.22063	4.44301
CD1D	0.542899	0.639996	0.469688	0.218474	0.428103	0.209431
NKTR	37.8219	35.0894	47.0574	37.5918	54.9685	38.6729
VRK2	14.8413	11.7804	12.6451	9.21178	10.9234	9.48623
FRMD7	0.123555	0.0273098	0.0233829	0.319044	0.137712	0.0962427
XRN2	23.1237	19.0765	19.9559	18.5648	20.9873	15.7489
5-Sep	29.7605	34.6473	49.512	37.0564	45.2306	41.2869
ERGIC3	157.145	198.931	173.522	214.448	182.194	170.519
H1FX-AS1	2.02987	3.95881	3.56611	3.19709	5.30367	3.22623
TGFBR3	25.925	19.0779	22.4025	15.4153	15.4088	14.6557
PCDHA8	2.53E-43	8.25E-14	7.87E-21	7.50E-26	0.0306453	0.0308157
ZNF699	1.12927	0.520917	1.26371	0.875951	1.25084	0.887287
CARD18	59.6594	51.8313	97.7477	60.493	94.8616	108.606
C6orf105	99.722	73.7612	52.3216	50.9443	55.3876	67.0265
LOC1002878	0.106631	0	0	0	0	0
STRA6	4.23437	4.40512	1.4889	4.07521	7.76118	6.69004
SNORD15A	22.7635	0	0	0	0	14.1852
LOC1001323	0.881384	1.92218	1.8682	1.60004	2.43255	1.79419

CHST5	0.182402	0.241902	0.322184	0.342544	0.445548	0.435716
GCK	0.339545	0.336089	0.257038	0.549816	0.451936	0.287878
WHSC2	13.7897	21.9891	16.5283	21.6191	20.3188	19.0789
AKAP17A	19.4165	16.2214	18.203	21.3064	18.4579	16.8503
KIF6	0.0491177	0.0868535	0.0371823	0.0461207	0.0782083	0.015304
ARHGEF4	23.2823	38.2285	34.4223	48.438	40.5208	45.2049
CIZ1	41.4986	50.2826	49.7086	53.0855	46.3975	43.0643
WDFY2	9.47316	10.2368	12.9238	10.1728	13.0045	11.1826
ACSL5	29.4871	20.6546	18.0887	12.8482	15.1806	12.6278
EPRS	22.9714	16.2819	21.595	15.9743	16.4181	17.034
GCM1	0	0.0319891	0	0.101921	0.023044	0
NMNAT3	8.54603	10.2381	11.126	9.37246	11.256	9.04502
ACSL4	16.3313	11.0457	13.6701	8.9736	10.3888	7.13935
SP140L	5.6042	4.85506	4.75491	3.07266	6.32416	3.21101
LOC1004992	0.196032	0.433298	0.222596	0	0.124854	0.0610795
CDC123	33.1115	40.1632	34.1079	32.4445	31.1808	31.029
PPA1	85.5356	80.952	79.14	79.6792	66.2601	66.4162
LOC1005058	0	0	0.244706	0.303532	0	0
OR1J2	0	0	0	0	0.161582	0
SYTL3	4.3621	5.93863	4.90939	3.36502	4.25525	3.52523
FAM81B	0	0.0605037	0.155411	0	0	0.0852885
LOC1002706	0	0	0	0	0	0
MIR526A2	0	0	0	0	0	0
SNORD3B-1	1.29211	8.92501	6.75218	12.3855	10.1652	1.71102
C15orf29	10.4503	11.7593	11.977	11.6311	14.5916	14.1628
FAM163A	0.0342476	0.0302796	0.0259256	0	0	0.0213416
ODF1	0	0	0	0	0	0
ECI1	75.2383	93.8301	62.8463	98.6164	69.645	63.9345
CN5H6.4	0.14159	0.312962	0	0.598278	0.721436	0.573514
CCDC85C	17.8333	14.7377	12.9044	17.0726	13.3809	15.9947
C10orf58	300.074	315.471	304.654	296.611	160.223	160.24
SNORD108	0	0	0	0	0	0
PPOX	8.82442	16.0846	15.3494	16.1545	17.9198	16.2491
FRMD4A	12.2255	11.9151	14.8522	15.0694	12.9091	11.2342
GMFB	14.6307	13.8118	15.2914	10.6359	12.7602	10.8378
OCA2	0.75704	1.61754	1.79089	1.86598	1.40631	2.10324
SNORD114-1	0	0	0	0	0	0
LOC1005065	0.152058	0.0672201	0.172663	0.107085	0.0968466	0.118445
LOC1001289	1.2699	0.856602	0.860345	1.307	2.12736	1.86886
F5	4.92047	1.16495	1.80007	3.52801	0.708072	0.910887
DSCAM	0.107076	0.18934	0.0202643	0.0502713	0.025574	0.0333626
KRT33B	2.3283	0.823242	0.201391	38.4697	0.974759	522.615
DCDC1	0.0604131	0	0.045733	0.113454	0	0.0376469

PRPS2	18.3247	15.7993	16.5256	13.3164	12.831	12.7811
GALM	4.75944	3.70448	4.00325	2.4446	3.60131	2.45889
ACVR2B	1.62916	1.13331	1.38353	0.885241	1.5538	1.50995
ERCC6	3.01211	2.13835	3.99119	2.72805	3.74016	3.41319
SNAR-A11	0	0	0	0	0	0
KIF2B	0	0	0	0	0	0
LOC399753	3.99045	4.72543	7.66607	9.0846	8.80611	7.32762
LINC00421	0	0	0	0	0.0700122	0.068501
MIR489	0	0	0	0	0	0
SLFN14	0.103783	0.15293	0.0785641	0.0324834	0.110166	0.0862306
C15orf52	9.89129	7.73987	10.931	11.169	13.3354	11.2591
BRWD1	13.0512	8.48844	13.3095	10.2371	12.5943	10.7722
LOC10050594	1.01957	1.65722	1.04557	2.62082	2.1297	1.49195
LOC10028965	0	0	0	0	0.0708763	0
HM13	79.677	67.2273	54.0253	61.1201	52.0265	58.8248
GNG10	27.1235	27.4819	20.9077	20.6367	21.0664	16.6926
EPB41L5	8.07698	5.17306	5.79948	6.58546	6.44708	6.44949
PCSK7	23.765	24.6798	20.0841	21.8379	21.6854	21.2994
SNORA15	0	14.5258	0	0	55.8079	0
LOC10050648	0	0	0.113094	0.280654	0	0
NR2E3	0.155137	0.285755	0.0391459	0.396549	0.333476	0.23202
CATSPER2	4.36282	5.46554	8.76252	11.6483	11.0772	7.87093
UTP23	5.94241	4.50335	6.04478	4.70798	6.36988	4.59576
PRDM9	0	0	0	0.0249243	0	0
LOC10065288	4.32243	4.61097	4.02218	7.54373	6.57232	5.1911
SLC1A5	82.665	84.7452	55.368	76.6959	51.781	47.9173
DCLK3	0.30583	0.334018	0.258752	0.287169	0.206243	0.168159
CYBRD1	74.7223	56.4643	93.9873	55.2639	68.9228	53.4407
LOC388242	0.878839	2.03959	0.636762	1.067	0.652219	0.478666
LMO7	10.3952	5.66963	7.29426	7.06727	8.28866	7.50966
OR2L13	0	0.0488702	0	0	0	0
RNF5	27.5097	27.3294	24.2327	29.4005	27.2691	25.6208
AVPR2	2.00212	4.42747	3.32341	3.08903	3.44277	2.90578
ASS1	51.9099	73.5652	55.5453	70.5548	40.3298	39.2432
ATRIP	5.87211	6.04512	4.90188	5.88951	5.30245	5.50807
PPP3CA	21.7815	17.9191	20.2562	19.3505	22.2813	20.5588
MIR649	0	0	0	0	0	0
LINC00222	0.0599811	0.265158	0.045406	0	0.0382023	0.0373777
PCCA	13.7291	10.4764	9.88512	9.27728	7.44429	7.63022
ABCC6P1	0.673143	0.240445	0.686389	0.345695	0.304469	0.161103
LOC155060	4.552	6.96671	7.22448	7.51679	6.71813	4.77334
UBA5	24.1618	19.5052	18.726	15.9894	18.4053	18.1932
PNKP	17.3352	24.1906	21.0986	22.0293	22.9791	22.7121



SBNO1	7.35554	5.3894	6.53435	6.02159	6.61717	6.29852
MIR3117	0	0	0	0	0	0
CYP3A5	8.97451	13.8825	23.2451	23.542	32.02	26.4661
OR3A3	0	0	0	0	0.0391055	0.0382614
ZNF41	3.86249	2.62813	3.51079	3.13557	3.62521	3.54945
ANKK1	1.58523	2.34762	2.10005	2.75374	2.54935	3.03764
FBXW9	7.69766	12.5934	8.25898	12.0087	9.88257	11.5578
ACOX1	21.47	16.7977	22.2284	19.3	21.4158	18.3428
VWA2	1.35135	1.31425	2.37842	1.80817	2.2808	1.87368
EIF4EBP1	17.1824	26.965	12.4652	23.7976	17.1449	24.1807
PCDHB18	0.18234	0.338797	0.388282	0.418381	0.342266	0.22588
LCE2D	39.535	23.1648	73.6688	96.6501	110.205	81.1978
LOC10050750	1.99683	1.51326	1.22369	1.87499	1.45348	1.00732
HSPD1	112.538	83.9989	71.8634	71.4474	64.3174	66.5516
ZNF282	10.3688	14.6431	13.0489	15.6915	14.2471	14.2512
LOH12CR2	1.18533	1.41787	1.16184	0.458296	0.710534	1.34694
KAL1	1.49777	1.47137	2.37072	1.30694	2.3704	3.63912
ZNF583	1.27222	1.3704	1.74431	0.913498	1.11395	0.84224
LOC10013333	7.52861	12.6982	12.7586	15.8376	11.8368	9.72493
LOC440742	0	0	0	0	0	0
MAGEA10-M	1.12E-05	6.83E-06	2.70E-07	3.99E-07	2.71E-07	0.220697
PAQR6	7.35604	12.6394	11.1171	16.8894	12.0889	9.99401
PCDHGA2	0.425379	0.472346	0.747154	0.534583	0.918304	0.729043
LOC10050726	0	0	0	0	0	0
NPHP3-AS1	0	0	0	0	0	0
ZNF611	1.7061	1.18829	2.09642	1.62947	2.13336	1.55
IRF3	49.5632	81.6805	51.19	66.8003	70.7776	63.0817
LOC10050679	0	0	0	0	0	0
C20orf118	1.00286	1.51725	1.50807	0.8692	2.31841	1.40792
CDRT15P2	0	0	0	0	0	0
TLL1	1.43882	1.37618	1.3565	1.22823	1.32454	1.003
TNFRSF10B	16.6361	17.3419	14.4338	11.8018	16.5373	9.96879
S100A5	0.558739	0.658669	0.140989	0.874411	0.593106	0.580304
UMOD	0	0	0	0	0.0288452	0
DGUOK	31.6915	41.6042	30.804	37.6814	34.6218	28.896
TMEM114	0	0	0	0	0	0
NALCN	0.729047	0.255399	0.676849	0.891224	0.332919	0.385736
KLF3	30.4379	19.0645	31.9025	21.6108	26.2641	25.9571
CNST	7.06186	5.77143	7.57385	6.34838	7.86849	6.87582
IGFBP7	268.916	292.783	221.275	202.713	173.432	168.663
DCAKD	24.8075	31.9684	21.3304	28.154	30.0584	26.8084
BICD2	32.1475	28.2068	44.7355	38.4374	43.3693	45.2418
PTPRJ	5.54535	3.74512	3.09234	3.7191	4.14437	2.91498

MVD	252.68	342.273	167.972	224.397	139.377	208.701
ATL2	63.1936	40.2009	55.8927	51.3721	47.924	55.8456
CHCHD1	45.1523	46.5311	37.8428	37.8547	34.1732	41.292
LTB	5.45018	11.0634	9.11053	3.95765	22.3621	6.60241
GCFC1	19.2964	20.6554	19.3227	19.6491	22.373	18.4913
LOC285847	0.608259	0.215138	0.184258	0	0.271255	0.151671
SLC35A3	7.5847	5.60935	7.6457	5.32757	7.67847	6.00469
MOSPD3	15.8542	20.7848	24.8738	25.325	25.218	20.7
PSTK	1.98121	2.0801	1.49979	1.1627	1.65617	1.58184
MIR320B1	0	0	0	0	0	0
LOC728716	0	0	0	0	0	0
FCGR2A	3.68614	2.95187	7.70757	4.34947	4.23457	2.10654
ZBPB	0	0	0	0	0	0
ZDHHC14	4.2555	5.91365	3.42754	4.1485	3.36678	3.97853
SYNDIG1	1.49475	1.02789	1.69731	0.935701	1.53381	0.87972
LOC10013239	0	0	0	0	0	0
SERPINB10	0	0.33319	0	0.17693	0.060005	0.11742
LSM10	27.4455	41.9833	24.2941	34.0885	26.5441	24.3422
NDUFA2	71.5255	85.8681	70.8635	92.5802	65.2109	64.8996
POLN	0.700901	0.638239	0.863745	0.587012	0.532701	0.583886
KLRC3	0.512367	0.629168	0.45969	0	0.654923	0.0709521
MRPL43	69.6153	100.326	79.3173	94.0732	74.194	78.5878
ZNF683	2.12345	1.7071	0.878969	0.434573	2.08893	0.564152
INPP5B	7.24829	8.9488	7.1677	5.84542	10.3697	8.07061
KRTAP19-1	13.8249	11.0008	0	58.4161	2.64155	2562.99
LRRC19	0	0.0480707	0.0205793	0.0510528	0.0346287	0.0338812
NCAM2	0.424053	0.340837	1.0068	0.325783	0.712033	0.492469
PISD	20.5385	23.2938	21.1001	21.889	21.9549	19.1198
SYCP3	1.43834	0.454905	1.40094	0.289628	0.916034	1.92048
LOC644704	0	0	0	0	0	0
GLIS3	0.743397	0.580681	0.375186	0.290106	0.335769	0.247954
DCST1	0.897488	1.7297	0.909064	0.899447	1.34538	1.01292
SYNGAP1	3.82143	4.60343	5.26738	4.72454	5.77373	6.18159
PRR20B	0	0	0	0	0	0
TPCN1	16.507	16.8111	18.4113	18.7131	22.2739	20.1167
PLXND1	13.1136	17.7713	18.5835	13.3684	19.3028	13.9202
SNORD68	0	0	0	0	0	0
PUS1	16.243	24.5378	16.8568	22.2375	19.8852	17.8511
CCKBR	0.290571	0.34254	0.843195	1.13684	0.740266	0.513036
MIR4736	0	0	0	0	0	0
FAM120AOS	17.1564	19.4937	18.2695	16.4159	17.8128	17.3739
MSI2	5.26483	3.29048	4.24647	4.66783	3.08269	3.28742
PANK3	9.2789	4.65483	8.69765	6.93742	5.7801	7.83046

LOC10028736	0	0.00739837	0	0	0	0.00417161
KIAA1755	0.69982	1.21114	0.698843	0.671101	1.16646	0.668066
RTN4	562.047	449.903	444.632	361.408	298.42	323.513
ROCK2	7.36864	4.93232	7.57673	4.62203	5.91866	4.93574
ZNF578	0.452454	0.412533	0.331807	0.238977	0.279165	0.422972
CCL11	0	0	0.0983235	0	0	0.0809387
CNGA1	2.08444	1.11274	1.79546	1.85609	2.56305	3.36266
MYH13	0	0.0141216	0	0.00749883	0.0050864	0
LILRB2	1.12727	1.16665	1.42015	0.641816	2.22634	0.722775
HSPA13	4.86777	3.56846	4.46266	3.16968	3.50538	3.33825
PPP6R1	25.1832	27.2477	25.3912	25.4188	26.6005	26.5304
LOC10065274	119.998	146.565	111.282	153.128	148.545	133.455
C17orf110	0	0.132994	0.341611	0.423731	0.0958046	0
C15orf56	0.241509	0.298938	0.475341	0.362837	0.184582	0.120399
TRPV2	3.73604	5.06486	3.42078	2.83988	4.57771	3.0155
ADAMTS9-AS	2.31823	1.16619	1.95952	0.667251	0.99579	0.762448
CREB1	7.31078	5.46631	6.88367	5.71442	6.82011	5.36985
BSCL2	46.2803	55.7361	33.608	56.1944	35.7723	41.6795
IGSF5	0.299046	0.220331	0.377299	1.1232	0.190464	0.217412
SIGLEC15	0.214525	0.379338	0.108264	0.067145	0	0.0891217
DAP3	51.461	53.8323	44.9285	54.7254	44.5262	43.131
TMEM132C	5.14777	5.74089	8.39898	4.35763	3.75057	2.80689
RBM14	12.1678	14.3607	10.7965	11.3956	12.2262	13.9111
GPR137	15.4057	23.991	14.4929	17.2424	18.6112	16.7805
PINX1	12.1935	12.2508	8.81097	13.5312	10.5195	11.1214
RASL11B	3.38936	2.0602	2.76622	5.56948	4.45233	5.24727
LOC10050554	1.17059	0.885021	0.759413	0.941133	0.506248	0.887281
ANXA9	15.1365	7.7052	11.849	12.2209	16.1405	16.3638
FAM43B	0.311823	0.275695	0.531117	0.622194	0.42203	0.170026
UNC45B	0.0168964	0.0149387	0.057558	0.0158654	0.0879197	0.0421165
ASPH	81.3683	62.8237	89.6444	46.243	55.2608	45.2648
PIGX	10.3496	9.84653	9.7047	11.0669	9.91869	9.39938
XBP1	175.365	92.337	103.208	111.45	85.4798	80.1603
UBTD2	11.5659	10.8085	12.0481	8.87999	10.4724	10.2053
TYMP	167.045	280.35	66.0324	72.3426	111.476	93.5389
SAMD1	20.3369	25.8048	18.2938	24.8488	23.1956	25.9825
TMEM27	0.676796	0.239352	0.66604	1.33455	0.474161	0.674801
MIR4666	0	0	0	0	0	0
LOC151300	0	0	0	0	0	0
ANO7	0.589496	0.833913	1.12456	1.01849	0.841016	0.602453
ARHGAP21	13.4587	10.538	14.6494	10.8303	11.8941	11.3645
NETO2	4.27251	3.94171	2.08184	2.5418	1.67339	2.31263
HSPB6	71.4485	113.798	130.494	69.8785	53.0745	46.2361

MIR4297	0	0	0	0	0	0
CES4A	17.8364	22.3257	26.7493	27.2886	30.8327	27.2217
C9orf7	8.72563	8.61458	5.91139	8.60411	8.56409	9.88537
LOC10050557	0	0	0	0	0	0
GPBP1	30.1677	23.987	22.3614	23.6218	25.6028	25.1748
GJA1	297.588	232.829	302.596	311.914	292.326	475.366
TPTE2P1	0.103147	0.0521119	0.0892373	0.138362	0.165862	0.202012
LOC10050562	0	0	0	0	0	0
MIR122	0	0	0	0	0	0
PTGER2	1.30345	1.47655	2.00428	0.61196	1.50469	1.16762
LOC10013187	0.320182	0.349487	0.419769	0.300646	0.652692	0.357189
MIR193A	0	0	0	0	0	0
SMCR5	0.0350942	0.124112	0.132832	0.164764	0.0894067	0.131215
FUT10	2.13092	2.00636	2.24161	1.50717	2.15036	1.65556
FAM158A	13.8413	19.8645	16.3805	20.6246	15.2603	15.4814
LOC10050571	0	0	0	0	0	0
SYT5	0.114599	0.354624	0.130128	0.16141	0.145978	0.21424
MIR374B	0	0	0	0	0	0
FARSB	24.6874	24.4139	22.8069	23.0952	22.1003	19.8854
ABHD15	9.08008	7.27702	10.2662	8.38853	6.88382	6.86299
LOC10050616	136.094	149.929	168.453	162.729	195.001	144.035
ITIH2	0.0310237	0.0274292	0.164396	0.0873923	0.0987959	0.115996
MIR488	0	0	0	0	0	0
PGLYRP1	0.12496	0.662891	0.378382	0.704013	0.636702	0.467219
NBEAP1	0.553451	0	0.209483	0	0.528744	1.03466
CS	150.475	131.209	115.732	116.223	104.99	97.1849
DLGAP1	0.41925	0.117825	0.280199	0.279954	0.107782	0.245804
CDC37	114.425	167.884	122.624	135.761	150.06	128.304
LOC284933	0.0773201	0.0683615	0.0585317	0	0.0984912	0
TOR1B	9.71751	9.74141	10.0088	9.73515	11.4119	9.70237
RN5S7	57.8872	233.088	47.3653	126.947	24.6695	38.9905
PRRT4	2.1947	1.53243	3.6346	1.91382	2.48941	2.95637
C6orf132	11.2107	9.86177	12.6281	15.1063	12.7946	14.1335
HKDC1	0.451506	0.0939278	0.0603163	0.0997546	0.202988	0.148955
GTF3C6	25.8469	27.8442	20.8009	23.0916	18.2999	17.514
STARD5	30.9702	41.8789	37.4053	41.8095	48.6407	42.0977
CTC1	8.04712	7.59066	7.7216	7.4424	9.09347	7.96638
C11orf85	0.293663	0	0.222305	0	0.187036	0
CHCHD5	33.412	43.5993	29.407	45.737	29.2283	33.3637
RALGDS	29.3548	49.3052	43.1705	42.3456	48.2708	38.8827
DDX46	16.2454	13.8854	15.775	14.4296	16.0795	13.8066
CCNYL2	0.0597185	0	0	0	0.0760701	0.130249
BMP4	5.9562	6.2303	8.04169	6.71447	8.51276	9.49876

LOC10050704	0	0	0	0	0	0
C5orf25	3.6004	3.93465	3.70955	2.48869	3.18472	3.64576
TMPRSS7	0.18098	0.0355575	0.0304447	0.0377633	0.234195	0.253754
LOC10050679	0.383701	0.277564	0.264058	0.163768	0.288814	0.195632
ATP6V1C2	63.5677	55.0124	81.9814	84.2747	112.961	115.334
SLCO3A1	8.00178	10.4846	11.7906	11.0484	15.4127	11.4727
BTN2A2	7.38058	6.25751	5.29484	4.00029	10.8173	5.87241
NKX6-2	0.114708	0.101418	0.0868347	0	0.0730583	0
SPATA18	4.85623	4.51325	5.91611	5.85367	6.01329	4.98267
FLJ42842	0	0	0	0	0	0
GRAP2	2.69082	3.05007	1.51467	2.00835	2.41689	2.02076
KLHL20	6.67358	5.52374	7.48116	5.03977	7.61461	5.36205
LOC10050725	1.61146	1.33393	1.82695	0.66125	1.85901	1.69388
GNGT1	0	0	0	0	0	0
LOC10028816	10.2728	9.0762	10.2891	7.49565	12.9415	11.8308
DNAJC27	3.25799	3.00427	2.98294	2.5337	4.39181	3.41269
ZNF45	4.00292	3.36217	3.56052	2.53711	4.71654	3.47664
SCARNA14	0	0	0	0	0	0
MATL2963	1.85428	1.85316	1.90481	0.916121	3.24136	1.65311
KCNG4	0	0	0	0	0	0
ZNRF1	8.77163	9.04788	7.25676	8.07954	8.97863	8.08204
MLLT3	3.23388	3.56766	3.72625	3.81585	3.73658	3.24574
TMEM92	0.335133	0.328133	0.147992	0.247813	0.145911	0.2538
KHSRP	28.569	32.9896	32.6127	34.6655	33.2332	30.2329
DNAJC17	18.8479	20.8258	18.826	22.9991	16.1209	16.6234
OR14J1	0	0	0	0	0	0
ZNF137P	3.45619	3.55905	3.60134	4.23799	3.781	3.64871
ZNF397	9.78091	5.72073	10.1321	5.857	10.5864	8.53907
RNF207	6.46069	9.05688	6.09953	6.46046	9.34347	5.60276
C19orf76	1.75078	4.47179	1.87758	2.3746	3.65498	2.45477
LAMTOR1	116.537	140.594	106.906	132.335	107.19	96.1121
LOC10050595	1.91797	0.913094	4.69079	1.93948	3.38279	2.20652
GRIA1	0.569375	0.295849	0.455955	0.691618	0.799349	1.39717
RBM15B	13.0555	14.7898	14.427	17.3681	14.2399	12.9966
HSPE1	57.0756	46.8768	41.2819	35.0486	33.6902	35.6456
LOC343052	0	0	0	0.0440406	0.0896172	0.0292276
PPCS	101.565	95.1153	88.9812	75.0552	80.0708	72.2965
LCE1A	91.0499	57.6423	244.216	280.97	314.722	239.422
ADRA2C	2.48764	5.38154	4.88819	6.41117	4.44977	3.33126
UGT1A7	2.88665	1.12819	0.285314	3.09E-08	0.468387	0.398401
KIFC3	29.5683	40.6102	43.871	47.9164	39.5826	36.9553
PDZD3	0.045445	0.180814	0.210665	0.167235	0.130253	0.151042
AXIN1	11.2285	15.0962	12.4667	15.8114	15.0554	12.8984

IL7	2.86255	2.1373	3.83077	1.91497	3.92591	2.98276
FLJ44006	0	0	0.0248114	0	0	0.102122
LOC10050758	0.080457	0.28454	0.380665	0.302191	1.02772	0.80578
SNORD36A	0	0	0	0	0	0
LOC10050641	0	0	0	0	0	0.33309
LOC10050631	4.22615	3.57636	1.5082	1.07711	3.22999	3.34838
FAM58A	10.6197	15.8979	10.589	14.7168	12.1392	10.7313
DIEXF	3.35805	2.80129	2.96433	3.32076	3.39644	3.7333
SNORD96B	0	0	0	0	0	0
TPK1	1.46454	1.33649	1.84795	1.29441	1.24546	1.34477
NUP88	14.3324	11.5147	13.0381	12.1162	11.2559	12.181
MFN2	58.9608	53.919	52.641	54.6859	53.9861	49.9426
FOXQ1	9.12061	11.902	14.4726	19.0222	16.3657	15.9577
FAM156B	25.2042	42.0981	28.7371	35.7619	44.547	38.1243
FSTL5	0.107325	0.0800622	0.0812455	0.118098	0.0922816	0.114654
DIMT1	18.3531	15.7405	16.3912	15.0388	12.127	10.1519
TAS1R3	0.551045	1.1136	0.804492	1.10876	0.701927	0.662248
CECR7	4.04174	4.93786	1.64107	1.86306	3.25286	2.83919
SPTSSB	32.5618	23.2107	40.6816	35.7123	41.7586	48.015
TSKS	0.288829	0.71502	0.787123	0.867859	0.183957	0.0719944
DUPD1	0	0	0	0	0	0
EGFR	14.9352	10.1865	18.1097	12.6451	14.3093	12.2698
LCE1F	44.519	31.276	103.107	142.129	147.596	108.27
PDX1	0	0	0	0	0	0
LRTM1	0	0	0	0	0	0
LRRN1	2.71073	1.74097	1.33576	0.888465	1.6939	1.45017
CAPN10	9.15412	15.7166	11.7348	13.2321	13.7894	13.9651
INA	0.978936	0.378662	0.324214	0.0861755	0.467617	0.190635
SLC22A8	0.229054	0	0	0	0	0
GPR56	71.5512	70.3505	65.283	92.7395	79.3777	94.0986
C16orf5	18.2595	22.3052	18.1916	24.9792	19.7625	15.5355
DUS4L	4.05046	5.36016	4.5181	5.09816	4.49426	3.72041
LOC152024	0	0	0	0	0	0.0567533
ORC2	9.4947	10.7404	11.8831	10.8427	12.452	9.76366
SEC63	16.6193	12.0847	15.2371	12.7103	12.5704	10.9328
ZMAT1	8.83187	8.58593	8.9903	6.71806	9.59329	7.17019
ANKRD36BP2	0.121703	0.591809	0.368518	0.228554	0.658861	0.417119
LOC10050681	0	0	0	0	0	0
LOC338797	0	0	0	0	0	0
CLDN11	3.29578	3.455	2.83454	3.3587	2.33084	2.71591
LOC10050730	1.85511	1.08011	1.23307	0.977175	1.06626	1.24061
ABCB1	1.60593	2.04812	1.98636	1.61691	2.10208	1.2434
TMSB15A	1.43078	1.98787	0.773651	1.34348	1.82255	1.40109

LOC10012790	0	0	0.0537158	0.0666287	0.0903875	0.221091
KEAP1	30.0812	37.0895	28.9912	29.6304	29.799	29.2079
RMST	0	0	0	0	0	0
SPIN4	3.12532	1.94681	2.59889	2.11204	2.56357	2.77381
VPREB1	0	0	0	0	0	0
EEA1	9.15863	5.73004	9.66871	6.15225	7.765	7.61215
LOC10050580	0	0.368783	1.26302	0.78332	1.06264	0.129963
LOC388942	0	0	0	0	0	0
MYBPC2	0.0272735	0.0241135	0.0206462	0	0.0694826	0.0679828
NEXN	6.16856	3.74501	2.43163	2.67043	2.24376	2.04186
TBX1	5.58422	12.4045	8.42756	20.5946	16.7432	19.6926
HSPA4	34.8397	22.0279	26.9246	24.5969	20.4285	22.7988
BMPR2	8.94343	7.01946	9.16839	6.40976	7.63449	7.4988
SCRN2	41.2504	69.4874	58.5638	55.6387	44.7833	35.9858
PPP2R5B	11.9376	16.1214	11.4889	13.1572	13.6532	14.9915
APOM	6.07912	6.41987	5.11325	6.02532	4.62468	5.26146
ARHGEF37	28.2961	19.8421	28.9459	28.7681	32.3661	33.9427
LRCH2	0.645928	0.398032	0.592692	0.422723	0.585927	0.207356
LOC10050750	2.87399	0.873468	3.19545	2.3613	2.57408	2.46255
ULBP1	0	0.111478	0.0715865	0	0	0.0392861
LOC10050600	0.382159	0	0	0.717682	0.730197	0
UPK1A	4.3922	6.31037	8.17376	6.78776	0.407957	0.684258
BTBD19	2.03936	2.2839	2.88178	1.34045	3.11732	3.13475
STAMBPL1	6.00536	6.225	4.97719	4.76393	3.98971	3.77455
FLJ23152	0.0833243	0	0.189231	0.391201	0.159209	0.207697
NCKAP5L	4.17528	5.88554	6.06797	6.639	6.30947	6.90965
ZNF460	0.27929	0.314275	0.749593	0.715223	0.614498	0.411371
MYO5C	6.26526	3.64462	4.78417	5.43438	4.33812	3.8447
LOC10014460	1.11592	1.97324	1.52056	1.46696	0.852879	1.11263
ZNF346	5.55962	5.8531	4.7682	5.31092	5.64915	5.34698
YME1L1	41.2162	31.5687	38.5671	34.0527	33.8472	34.4887
CPSF4	14.8667	21.8567	17.3983	20.6389	20.6142	17.9019
LOC654841	0.129885	0	0.294971	0	0.0827244	0.0809387
MIR1207	0	0	0	0	0	0
TPSB2	136.459	227.949	182.177	160.705	240.783	208.167
MGAT4C	0	0	0	0.0503926	0.102543	0.100329
CAND1	22.7559	17.8981	22.0237	19.1302	19.3554	19.0184
MMS22L	1.62038	1.29712	1.55816	1.38786	1.93156	1.61014
KIAA1486	0.0421802	0.0186465	0.0159653	0	0.0134324	0
HIST1H2BJ	2.07783	1.83708	1.04862	0.975523	1.76451	1.29481
ZNF621	5.65523	5.93274	6.56926	6.0449	6.95412	5.33619
LOC10013314	0	0	0	0	0	0
EFCAB3	0.839235	0.620887	0.687333	0.59544	0.447268	0.230512

SYCE2	0.770632	1.02202	0.875059	1.32662	1.63607	1.44067
MED26	3.72911	5.00052	4.09329	5.57335	5.54188	4.97686
SLC17A4	0	0	0	0	0	0
OR4K1	0	0	0	0	0	0
LOC646278	3.23038	1.77441	2.55655	1.93043	3.24184	3.59885
CNIH4	59.3952	54.8665	54.0583	59.5563	49.3085	45.8745
IL31	0	0	0	0	0	0
OR52N1	0	0	0	0	0	0
FAM70A	1.93372	1.35189	1.86481	2.16665	3.05882	1.61252
C20orf96	5.11468	6.34214	5.48044	5.11435	5.85149	4.67696
CD2	8.20122	9.23418	4.35117	1.44802	7.05383	3.14502
MITF	5.53773	7.05222	7.06853	7.20527	8.34655	9.58258
TSC2	19.5726	24.256	24.8084	25.9786	26.4133	24.9967
PPP1R13L	52.1594	72.3707	65.9742	92.7477	86.0383	93.4105
C14orf79	8.97748	15.5338	9.33929	12.7221	12.5932	13.6599
SERPINA6	0	0	0	0	0	0
ATP5C1	186	145.296	140.935	127.867	119.897	120.236
PALM3	0.270683	0.797737	0.512272	0.593057	0.890732	1.0683
UBQLN2	15.9585	13.9312	15.0463	12.5504	13.8151	13.4809
LIMS1	14.9166	11.7265	13.8758	11.09	12.3132	9.29988
MIR4286	0	0	0	0	0	0
TSPYL1	28.8482	22.449	24.4279	24.2538	22.8437	23.8933
BPIFB2	0.164542	0	0.124559	0.154503	0.0349326	0.0341786
OBP2B	5.25122	2.5824	4.41816	7.85277	2.35528	2.30275
SEMA4C	16.4514	24.1525	19.947	20.9257	28.2642	23.8807
LOC255480	0.0269548	0	0	0.0759305	0.0343354	0.0251957
AIFM3	0.666811	0.53958	0.538076	1.08148	0.801418	1.21504
LOC1004988!	0	0.14153	0	0	0	0
SPRR4	470.709	148.833	767.001	406.793	636.896	1354.74
VPS33B	10.0483	10.1964	10.6031	12.1871	14.6419	11.3611
WDR18	18.4355	26.6165	22.6324	28.2676	23.7033	23.1916
FAM153B	0.230245	0.337473	0.40569	0.230268	0.698307	0.152818
SCGB1D1	0	0	0	0	0	0
RNU6-1	0	0	0	0	0	0
SARS	84.9331	87.9171	84.1114	89.3087	87.8053	91.2171
ATP5J2-PTCD	0.00980259	1.68E-07	1.17E-15	3.3734	1.3698	1.56E-07
TCERG1	24.0921	23.8723	24.5332	21.5105	25.3378	21.118
SNORA59A	19.2134	8.49365	59.3907	9.02055	49.9683	37.4156
FAM120B	10.3737	8.38946	11.5715	8.59478	11.0377	10.0579
LOC1002878:	2.51684	0.934596	1.23842	1.06347	0.849583	0.988083
RHBDF2	11.3365	17.4249	12.9681	15.0635	20.527	14.9008
MTMR6	8.46873	5.93781	7.68187	5.35331	6.94493	5.80624
LOC574538	0.139023	0.279361	0.106348	0.0669382	0.140258	0.114639



WDYHV1	9.11826	5.68644	6.47116	7.0332	5.60006	4.71818
GAGE2B	0	0	0	0	0	0
MIR4769	0	0	0	0	0	0
CCDC101	11.332	22.6228	16.2121	25.7842	19.5603	18.565
CHPT1	47.0093	32.8965	31.2295	29.0221	31.2442	30.9515
LINC00281	0	0	0	0	0	0
MUC19	0	0	0	0	0	0
SEH1L	17.6744	16.6858	14.9096	17.3673	14.4733	13.4606
KIAA1908	3.96235	5.00572	4.15347	4.27494	3.17356	3.04164
NCKIPSD	13.6876	13.1952	12.3415	15.6303	15.6732	18.0862
CTSK	80.9157	53.4381	116.903	46.38	108.892	65.8133
FAF1	20.3769	18.5326	20.056	23.4505	19.2563	18.9135
PAGE5	0	0	0	0	0.18058	0
PPARD	30.9399	29.173	21.8345	26.8684	26.0533	27.3336
HOMER3	28.2235	45.4153	28.7412	41.2391	27.6443	35.7656
MFAP5	10.4129	6.47406	18.4626	11.5641	9.62854	10.3046
RWDD3	19.0202	18.137	20.1821	18.2562	23.635	17.0398
TDRD10	1.74257	2.16885	2.54029	2.12617	2.34315	3.87519
LGR5	1.66177	1.43862	2.17524	4.09598	6.41649	7.65871
SNORA68	0	0	37.3114	0	0	0
PSMB5	134.71	139.409	100.672	139.359	81.1027	101.746
TMOD4	0.586692	0.295857	0.253626	0.315387	0.802089	0.885846
ARSH	0	0.110667	0	0.235064	0.119581	0.117
OVOL2	3.029	4.80832	5.15918	6.14085	3.94606	5.83423
SLC9A8	6.76762	6.95599	6.91564	6.23993	7.08335	6.05463
CYMP	0	0	0.0680545	0	0.0572575	0
LOC10050664	0.398668	1.14669	1.37837	3.05714	1.26488	1.89607
LOC10050605	0	0.0797945	0.204962	0.0847445	0.172445	0.112482
LOC10050636	18.3428	13.1118	14.8725	8.67842	15.6917	14.8414
MED21	18.2942	12.2503	12.078	10.3631	11.6135	12.1851
COL22A1	0.752503	0.838298	0.0569649	0.0282636	0.335492	0.0937857
MRPL52	29.5256	39.841	28.3044	37.0671	28.3084	34.2125
GRAPL	1.00262	0.495423	0.992225	0.404839	1.11971	0.878932
E2F7	0.634511	0.664335	0.417127	0.454686	0.59555	0.686748
LOC10028729	0	0	0	0	0	0
GPX1	126.995	220.293	176.061	187.982	135.798	109.74
RPS6KC1	6.08884	5.30055	5.70942	4.41998	4.89353	5.23501
SYCP2L	0.253212	0.307827	0.886534	0.475525	0.564453	0.256411
RLN3	0	0	0	0	0	0
ITGA5	15.5496	16.7199	15.7006	11.4874	14.768	13.2095
APEX2	13.7178	15.1836	12.7229	13.7165	16.1066	15.3022
TREML2	0.104168	0.138148	0.137998	0.024453	0.215622	0.0973697
LOC728606	1.85838	0.205383	0.263776	0.109062	0.246586	0.217137

FAM81A	1.67343	1.02816	0.687077	0.958776	0.632266	0.724667
LOC10013307	0	0	0	0	0.0195424	0
C1orf135	0.549736	0.972083	0.71881	0.985459	0.3183	0.74743
UTP3	23.0391	19.1405	20.5229	19.1623	20.1448	18.1938
LOC10050738	0.228715	0	0	0	0	0
LOC285000	0	0	0	0	0	0.0478618
GABRP	38.5754	23.4577	30.3076	54.6685	23.4677	23.2398
MIR4684	0	0	0	0	0	0
MIR664	0	0	0	0	0	0
SSR4	143.665	161.953	133.075	178.415	142.191	144.166
C20orf195	0.514108	0.54545	0.467019	0.675834	0.851339	0.64074
DKFZp667F07	0.275898	0.243932	0.417713	0.259064	1.40577	0.515784
DPYSL2	26.3047	25.4449	22.6098	19.8519	24.4986	19.4763
LRRK2	1.86392	1.3401	2.7057	1.2309	1.94378	1.97202
PLSCR5	0	0	0	0	0.0334991	0
ICMT	26.9989	23.1968	25.434	24.7662	22.9168	22.3619
SGOL2	0.977563	0.905376	0.935628	0.602364	0.842272	0.852032
ULK2	7.11467	6.37894	6.9171	6.68798	7.0767	6.55139
MIR762	0	0	0	0	0	0
RBM8A	17.873	15.8709	17.3754	17.2653	18.3799	15.4518
C19orf34	0.084007	0.148547	0.190781	0.0788813	0.0535045	0
LOC10013139	0.0283459	0	0.0643739	0.21293	0.0541609	0.0529918
MIR759	0	0	0	0	0	0
FAM75C1	0	0	0	0	0.00824429	0
ITK	2.04498	1.25777	0.992778	0.396564	2.36425	0.817243
CR2	0.29551	0.0971664	0	0	0.0622183	0.0811674
ZFP57	5.29549	9.70885	0.042197	0.0523408	3.26622	3.78623
KIF3B	7.71225	6.64977	8.91357	7.5645	6.47247	5.93394
EFCAB5	0.0729423	0.0694583	0.0396518	0.0245431	0.0937283	0.0749084
WDR5B	3.92977	3.72116	3.67896	2.86029	4.94654	4.40506
ANKRD20A9F	0.0578138	0.0393166	0.0487706	0.0295776	0.0346164	0.0292506
MESTIT1	0.182884	0.134745	0.207666	0.0286208	0.0388265	0.0759769
UVRAG	7.41741	8.05745	8.60593	6.73733	7.05067	6.34103
NUDT22	30.192	41.8645	31.7801	42.151	32.5214	35.5344
TNFRSF21	7.88002	7.61123	8.53925	6.03087	5.44852	3.76695
MYO9B	10.027	14.0918	12.1358	11.67	15.2462	13.0177
NPB	0.919701	3.25044	2.78475	3.4492	3.07414	1.85805
TET2	6.17663	5.19603	8.02336	5.86342	8.15315	7.63427
HCG26	16.2485	27.6333	13.3855	13.0134	29.281	14.9498
EPS8	14.6741	11.7925	15.2988	10.5301	11.1544	9.51599
GLRX2	21.589	15.4867	17.7924	13.0143	16.0025	16.5517
XAGE5	0	0.621693	0.26615	0.33013	0	0
ST6GALNAC2	44.3383	60.9236	47.4704	69.317	54.4164	57.4394

LOC400891	0.0936944	0.0165677	0.0567417	0.070382	0.0716094	0.0706475
MIR1299	0	0	0	0	0	0
AQP12B	0	0	0	0	0	0
ZNF214	0.827457	0.764839	0.996528	0.635702	0.982158	0.890644
FIZ1	6.56584	8.24057	5.99873	8.22029	6.56113	6.56059
PSMG2	46.9592	57.3759	50.1803	54.7133	49.4726	44.0676
NLRP6	0.112331	0.0993163	0.0566903	0	0.0715445	0.0933335
SLC9A7	1.06898	0.657476	0.985138	0.65462	0.710438	0.521327
TNNC2	5.71243	4.87641	3.877	6.47365	6.64927	4.54174
SNAR-A2	0	0	0	0	0	0
PKM2	289.24	302.449	223.728	286.714	257.252	233.685
MIR133A2	0	0	0	0	0	0
TWIST2	9.98163	11.1163	13.078	9.01211	7.76331	7.53593
SLC16A6	3.67758	2.19037	2.22336	2.42166	3.28561	4.91745
LOC10050756	0.155947	0	0	0	0	0
AGAP1	3.04124	2.39425	3.09184	2.8349	3.196	2.42098
MIR3193	0	0	0	0	0	0
HOXA6	0.948258	0.279346	0.598265	0.148734	1.00712	0.788596
USE1	22.7292	36.6303	23.1957	40.1183	28.3114	25.7281
LOC126536	0.029506	0.0521747	0.0446724	0.0554113	0.0187925	0
CCDC73	0.717839	0.635697	0.804737	0.723027	0.7271	0.508792
AASS	11.0663	10.7673	10.0527	8.21071	14.3845	9.61716
CWC15	38.6625	33.943	31.0135	28.4695	32.1844	32.1237
FLJ40292	0.120118	0	0.0909303	0	0	0.0374263
AP4B1	12.6383	14.4203	10.8876	13.0589	15.6216	13.7593
C1orf200	0	0	0	0	0.109619	0
MRGPRF	10.1365	16.1394	12.0192	11.371	11.3978	9.72637
CRTC1	2.46836	4.15853	3.52943	4.7899	4.55026	4.49477
SNORD67	0	0	0	0	0	0
TXN2	91.0063	98.6011	81.7862	102.065	83.4323	86.6735
LOC645202	0	0	0	0	0.0234626	0.00550949
DRG2	20.4763	26.9119	23.2926	32.62	28.8339	28.0168
ZNF705D	0	0	0	0	0	0.0165792
MIR30C2	0	0	0	0	0	0
FKBP14	4.54024	3.65292	5.15549	2.98425	4.33756	3.33856
LOC10050596	8.94797	9.13451	8.51878	6.64981	8.14409	5.98443
C3orf75	13.1773	17.8354	13.2388	16.0394	16.6818	15.3079
TBCEL	4.47719	3.20662	3.78686	3.05249	4.63529	3.63141
NUP153	11.4327	9.64592	12.1395	10.9093	11.5882	9.56223
DQX1	1.37305	2.83258	2.07881	2.57854	4.34822	3.4938
DYDC1	0	0	0	0	0	0
JAKMIP1	0.586429	0.689695	0.590522	0.0365223	0.3735	0.221606
FTH1P3	20.5905	23.2434	23.0501	23.6699	20.3469	12.4424

LOC10061666	0.932107	1.20891	1.03843	0.957348	1.49296	1.16453
MAFIP	0	0	0	0	0	0
C21orf88	0.494939	0.959492	1.13945	1.7907	0.708872	0.658335
MIR1257	0	0	0	0	0	0
FLJ43879	0.0563628	0	0	0.0264619	0.0358978	0
C20orf203	0.302325	0.320756	0.305149	0.264953	0.462126	0.251195
GMNN	17.7093	15.6574	15.4309	15.8493	18.0936	17.9905
ATG4B	25.3902	37.2551	25.552	36.2465	33.9592	40.2694
PIAS4	8.48561	8.03833	9.22253	8.99229	9.38072	10.4624
CLCN7	24.719	36.7474	25.0609	32.141	35.5952	32.0916
KCNH3	0.532603	0.269082	0.441582	0.595364	0.484597	0.410918
GIPC2	3.21928	3.15906	3.21364	2.59102	1.62228	1.87385
NAA25	9.48399	7.70094	8.81225	7.88491	8.30556	6.90528
C1orf185	0	0	0.1003	0	0	0
LOC10012828	5.01289	5.49749	4.30562	5.70274	5.64869	5.70698
LINC00238	0	0.0983601	0.0842168	0	0	0
ALDH6A1	16.1741	10.6624	12.986	9.13219	11.8861	11.3304
R3HDM1	6.28732	6.2767	6.08336	5.61045	6.33812	5.90292
OSGEP	16.3126	23.6004	20.0914	23.8563	21.7235	17.2592
MIR4285	0	0	0	0	0	0
C14orf162	0.314551	0.41716	0.119059	0.443038	0.20034	0.343027
OPTC	0.0750561	0	0.0568179	0.281906	0.143411	0.140315
OR10AD1	0.124791	0.44133	0.188935	0.117177	0.476881	0.388823
TMEM133	3.76656	4.37394	4.76637	6.17611	5.76463	5.39497
KHDRBS3	5.50772	4.54181	5.17162	3.58038	3.20433	3.10216
DOPEY2	13.7965	8.50361	9.84507	7.22026	8.31463	9.59887
USP34	16.5371	13.0628	15.8162	13.0685	15.8156	13.1645
KRTAP4-5	4.86068	1.59622	0	36.6869	0.199015	315.697
LOC10065281	150.27	110.846	79.5415	80.4054	62.9243	70.6535
MAS1L	1.70059	2.65334	1.59027	1.03324	2.93079	2.68051
INTS2	4.55945	3.0669	3.93215	2.70667	4.19025	4.13003
AMMECR1L	10.6471	10.5334	10.6333	10.6608	11.4668	9.59194
C10orf129	18.7826	16.3341	8.39126	6.7655	15.8065	19.8401
PCGEM1	0	0	0	0	0	0
NOX1	0.042574	0.200755	0.425066	0.249855	0.122021	0.165816
LOC10028697	0.153052	0.160279	0.28275	0.121462	0.137379	0.23495
LOC10050691	0.0509416	0.0900786	0.0771261	0.0478333	0.032445	0
TDRD3	8.2556	10.7726	7.99366	8.33234	8.6037	7.9092
OR4M2	0	0	0	0	0	0
LOC10050704	0.868152	0.460539	3.15454	2.28251	1.10586	1.40659
LOC10050623	0	0	0	0	0	0
C16orf48	9.62207	20.9598	12.5622	18.5282	18.9624	18.7268
ERLIN2	20.8557	16.0777	20.0941	16.9937	18.0593	18.4134

MIR3118-5	0	0	0	0	0	0
UBXN6	75.0741	114.345	86.6096	113.055	92.3762	93.6899
LOC10050744	3.31115	3.79492	3.15641	2.76366	3.67103	2.36905
LOC10012921	0	0	0	0	0	0
DEFB108B	0	0	0	0	0	0
LIMD2	5.28141	10.635	5.36122	4.07541	13.308	5.39174
GJB7	0.312739	0.118502	0.135283	0.209755	0.398371	0.167045
CNN1	76.5702	87.4885	38.6087	74.4253	48.9394	54.997
PGBD1	2.25934	2.93361	2.55962	3.01757	3.52593	2.08191
C4orf45	0	0	0	0	0	0
PTGES	18.1334	18.6267	23.5449	21.27	17.6042	8.77668
LOC10065294	0.0548322	0	0.0415083	0.0514865	0.0698458	0.0341691
LY6G6F	0.405048	0.358118	0.306623	0.126778	0.687939	1.51445
SNAR-A6	0	0	0	0	0	0
DPYSL5	0	0.0163355	0.0139866	0	0	0.0115136
AMPD2	10.2474	15.4273	11.6299	11.783	14.6421	10.6596
ZNF1-AS1	195.366	256.755	183.985	271.728	152.548	151.223
PTOV1	43.6485	57.0641	47.9522	63.3895	47.186	64.6757
INO80B	24.3058	35.8836	30.5534	31.292	40.7604	32.5607
CDKN2D	9.71525	14.1123	13.888	16.6607	17.3019	14.1979
HNRNPA3	75.1962	70.8304	65.9659	66.0072	76.0003	69.1681
C1orf228	0.753058	2.0529	0.665081	1.47315	1.99845	1.40782
SLC1A2	0.479769	0.215878	0.615452	0.450495	0.657593	0.304036
CD302	15.8871	13.9005	17.2258	10.1626	12.9692	9.71877
HIST1H1T	0	0	0	0	0	0.11265
USH1G	0.772101	0.609503	1.73258	2.51158	1.21183	1.8902
TRIOBP	26.9377	26.6491	25.6835	27.1909	29.4344	28.7806
LOC10028711	0	0.264701	0	0	0.0953414	0.0699625
PLXNA3	11.2179	13.0036	11.7327	12.9081	16.3862	17.3267
MIR939	0	0	0	0	0	0
LOC10050590	0	0	0	0	0	0
KRTCAP2	96.035	123.681	94.7608	105.813	91.571	82.33
CYCSP52	0	0	0	0	1.19207	0
LRR6	1.07971	0.894945	1.22657	0.823735	1.50428	1.42976
ZNF767	13.786	15.563	14.5885	14.0306	19.2894	16.0769
MIR4800	0	0	0	0	0	0
MIR4694	0	0	0	0	0	0
METTL14	7.74857	7.23615	9.53181	8.41262	8.23546	7.87662
TMEM97	95.6745	86.6089	65.6842	84.192	48.856	62.8443
SNORD107	0	0	0	0	0	0
GATM	49.7687	45.3784	60.2145	33.6514	70.4633	64.525
BMP8A	1.71124	1.8745	1.84483	2.54283	2.4451	2.93514
LOC10050871	0	0	0	0	0	0

MAZ	60.0542	80.12	55.5699	75.2529	66.0208	63.4424
TMEM213	22.6775	3.71576	10.2908	17.2072	7.72657	7.88059
NANOS2	0	0	0	0	0	0
DCTN3	82.6664	99.4556	93.2504	108.997	84.5004	90.1036
SPRYD7	6.73163	5.64971	6.49836	4.98887	4.95035	4.85768
TLN2	3.48098	4.33385	5.75871	3.21511	3.07634	3.58307
LOC10050821	0	0	0	0	0	0
SH3BGR	8.53818	5.09229	8.01608	7.80654	7.40792	6.95682
LOC440356	0	0	0.164572	0.816537	0.623082	0.560219
C6orf112	0.430214	0.32603	0.1861	0	0.0782874	0.191494
TMEM62	11.7405	7.76119	6.09827	7.02152	6.94841	5.76289
VEZT	17.4423	14.4626	16.1789	11.7027	15.9435	15.6537
SCRT2	0	0	0	0	0	0
SPNS3	0.824672	0.583298	0.208094	0.72273	1.40063	0.959281
REN	0.516569	0.717699	0.391046	0.48505	0.752013	2.6672
LOC10050671	4.67688	8.82361	2.27438	4.94042	4.13063	2.74821
C10orf47	2.21934	1.72673	1.76965	3.05642	2.45008	2.72911
EBLN1	0	0	0	0	0	0
C19orf21	0.490014	0.495131	0.768383	1.47894	0.757939	0.654334
LEPREL1	6.04886	8.75404	7.55337	9.54019	7.39723	7.39919
PDAP1	31.3748	38.3565	31.2351	40.5346	33.7652	34.4535
LOC10050681	1.71168	2.27004	1.72767	2.14299	1.99866	2.31107
LEMD2	27.4736	38.2409	30.8638	37.2826	36.84	33.5984
STK40	27.8758	28.9146	29.8439	30.3744	31.3433	30.9706
C1orf147	0.246604	0.222194	0.601658	0.279993	0.693943	0.280604
PRIM2	2.94619	2.60483	3.61801	2.58199	3.1691	2.57031
KRTAP10-5	2.8859	0.115979	0	41.5094	0.167095	153.761
MIOS	13.3206	12.5117	11.8804	10.6693	12.8299	13.391
IL28B	0	0	0	0	0.154476	0
HOXD10	0.812792	0.35931	0.659237	0.926741	0.665578	0.795924
SNORA66	0	0	37.3114	0	0	61.4286
APCDD1L	0.700659	0.140791	0.506294	0.538288	1.05478	1.32971
CDC5L	14.7092	9.92942	10.7337	8.95892	10.0857	10.1571
MYO16	0.333193	0.343508	0.545673	0.338837	0.291526	0.190401
CCDC15	1.53026	0.75411	1.50024	1.272	1.31016	0.922329
PDGFD	8.98179	5.35508	10.1498	6.19837	6.6419	5.00709
OCLM	0.827036	0.243738	1.66952	1.29429	0.702325	1.03075
LOC10013149	0.226344	0.0400238	0	0	0.115328	0.0282096
PFAS	5.37204	5.31768	5.29613	4.82641	5.8995	4.67111
RCOR2	0.926858	0.853613	0.90628	0.870305	0.934675	0.79417
ZIM3	0	0	0	0	0	0
DEPDC7	2.51743	3.07278	3.31098	3.9382	4.3116	3.2854
LOC10050651	0	0	0	0	0	0

SHD	0	0	0	0	0.0248883	0.0243511
SPANXA1	0	0	0	0	0	0
ZNF396	0.82473	0.538955	0.732904	0.606059	0.959199	0.603317
GTF2B	20.5786	14.9433	17.4826	16.052	17.0098	16.4015
ERI1	3.96338	3.28168	3.38129	2.79609	3.25888	3.67205
TUBA8	2.61064	2.95095	3.47586	3.08859	1.69351	1.68707
HACL1	40.8329	31.3382	25.1262	20.0935	23.8377	22.5524
LOC10065279	0	0	0	0	0	0
RELA	36.8575	41.1826	37.6845	42.9308	42.5977	37.4933
TAF5L	9.93804	8.60249	10.1554	10.0916	7.92129	6.60643
RBM28	10.144	10.9979	10.4572	11.0848	9.59764	8.73182
FLT3	0.686852	0.629763	0.712525	0.119434	1.06935	0.44387
ETV4	20.4602	21.6782	14.8267	23.7748	12.8768	15.0333
LOC10013250	0.119642	0.021156	0.163025	0.0224684	0.182881	0.223667
PITPNM3	5.91867	6.96543	10.5364	11.3439	11.2078	10.2734
LOC10050689	0	0	0	0	0	0
SFPQ	75.1218	61.5372	69.0378	58.989	59.7298	52.1639
LOC10012879	0	0	0	0.0425484	0	0
SERPINB1	35.2527	35.9343	37.4389	28.2008	25.0685	17.7557
ACSM4	0	0	0	0	0	0
LOC10050669	0.743251	0.657135	0.562645	0	0.315587	1.08071
LOC10050670	1.9028	1.86926	1.60048	1.19113	2.69312	2.76674
GLDN	8.8499	6.63493	7.86142	4.67989	6.30038	3.88522
HMX2	0	0	0.148265	0.245208	0.0415807	0.0406832
HILS1	0.53614	0.474021	0.602733	0.90617	0.596188	0.445467
ZNF750	34.5062	29.2199	58.5795	42.1821	46.2449	53.6507
OR51G2	0	0	0	0	0	0
LOC10050570	0	0.136609	0.116965	0.435249	0.147613	0.0962845
SNORD85	0	0	0	0	0	0
LOC10050549	1.58212	2.99742	1.77502	1.29443	2.93138	1.64866
CPS1	1.35316	1.60744	1.61893	1.42276	1.09142	1.66083
LOC730101	2.58392	2.63836	1.65879	1.21926	2.63911	2.29984
ALKBH7	31.408	65.4032	39.4182	64.1055	44.7983	45.6855
REEP3	16.6974	11.8364	14.1798	10.8865	11.8006	11.7994
SERPINE2	21.006	18.4553	18.3124	17.7479	16.0321	17.5815
WDR82	35.6672	30.8944	32.8937	29.4958	32.302	29.1649
KRTAP12-1	6.17975	0.436917	0	71.9235	0.944226	220.337
CASP9	5.64087	9.10852	5.91711	8.41091	6.62758	7.22522
CSTF2T	9.66504	7.77028	8.46417	7.07341	8.78095	7.29236
C14orf45	2.26535	2.50422	3.14239	2.6233	2.9454	2.92632
ATF6	12.2986	7.8233	10.0783	8.07994	8.55691	9.71279
FLNA	106.814	130.661	100.089	101.882	104.49	103.153
LOC284454	34.794	67.4371	83.4971	59.1745	66.2553	43.8067

TMED3	155.31	176.598	169.44	219.082	126.565	141.719
SNRNP35	30.3375	35.7207	28.384	40.3352	32.592	33.4924
MIR29A	0	0	0	0	0	0
HIST2H2BC	2.26009	1.33215	2.0911	1.88639	2.07923	3.9122
TMEM177	4.2315	4.8972	7.61658	7.49649	5.13066	6.95953
DMGDH	1.02944	0.796399	1.38812	0.634352	0.61468	0.501177
COL6A4P2	0.206292	0.136792	0.288903	0.271186	0.151096	0.719892
NOS1	2.84965	2.00961	3.09649	3.79222	2.79478	2.50041
ZNF138	7.52198	6.60065	8.40588	5.84297	5.34736	5.55541
SLC35D3	0	0	0	0	0	0.0268152
TBC1D22A	9.67024	12.6993	12.2788	15.5937	13.6813	13.4181
PRAMEF20	0	0	0	0	0	0
PLXNA1	13.2401	16.0474	18.4673	18.5211	20.8427	19.964
NMI	21.6749	19.5505	11.712	7.81193	12.5032	8.00397
ERBB4	0.538259	0.18221	0.479341	0.349419	0.277314	0.350211
CEACAM6	13.4802	6.2124	7.7763	18.1439	4.71844	5.3305
LOC10050706	2.56718	1.60628	2.06296	1.92843	2.7167	1.87049
APOOL	8.77481	5.5188	7.47323	6.34611	6.2218	6.5105
CLVS2	0	0	0.0778134	0.0482596	0.0982023	0
CAMLG	22.8786	27.6992	24.9682	24.6309	28.0414	25.3373
LOC10065280	76.0782	89.2787	66.6997	68.1999	59.3426	45.909
ZNF653	2.27797	4.83369	2.96603	4.70575	3.39499	4.48572
RPL4	613.504	892.395	758.551	1070.49	782.255	760.15
PLB1	2.02028	1.70353	3.70986	4.28555	3.41911	9.26876
GCNT1	1.28632	1.69468	1.31387	2.58347	1.71956	1.14196
SNORA28	0	0	0	0	0	0
LOC10050654	0.856337	0.854084	1.01087	1.30554	1.13664	0.967532
PHF20L1	9.69818	9.42943	9.56314	7.92428	10.3805	7.76431
PIP	1404.6	178.763	137.791	186.736	48.616	77.1566
CLEC16A	7.83681	7.16099	7.24038	6.77462	7.72024	8.3546
LOC254312	0	0	0	0	0	0
RNPS1	44.7025	59.1145	42.9086	57.1937	49.5542	48.7027
CHURC1	21.9385	18.7938	21.7377	15.0558	26.6246	22.0129
LOC10028929	0	0	0	0	0	0
C12orf44	30.4851	32.2656	29.0593	37.6939	28.52	30.5185
HLA-DRB6	0.542569	0.719558	0.754712	0.0849106	1.24818	0.1534
ZNF638	24.4816	20.892	22.1706	18.12	24.098	22.3031
TMX2-CTNNC	8.07E-06	9.43E-11	7.55E-29	9.42E-22	7.09E-33	0.000162236
PPP1R3A	0	0	0	0	0	0
L2HGDH	3.70394	2.60844	3.72495	2.23092	3.0497	2.99073
MRS2	15.9616	14.0602	14.6245	14.4347	15.9431	14.0574
MRAP	15.4839	16.5364	17.9166	15.7096	12.3854	10.9968
LOXL1	11.3905	11.3813	14.7227	18.4126	16.0238	15.3483



CBLC	17.6033	31.1686	22.3864	28.2564	30.2108	26.0078
DUX4L3	0	0.0381147	0.0142923	0.0103414	0.0284588	0.00686307
RAG1	0.101446	0.140945	0.241356	0.122472	0.166144	0.135464
HNRNPH3	73.0505	66.6211	70.5602	65.7473	78.3678	69.0469
FRMD6	25.7137	18.3575	30.0088	19.6667	26.8033	23.5898
LOC643988	7.23673	12.1001	7.11799	13.1743	11.1622	9.87822
MIR4712	0	0	0	0	0	0
LOC10065284	0.658036	2.03628	1.99255	2.47154	3.1433	1.02515
DSCR4	0	0	0	0	0	0
CLIC3	41.1693	46.7601	59.2959	97.4396	94.5722	133.752
CHP	109.004	89.9621	79.1498	84.6524	57.6335	74.0862
DVL2	15.6133	20.357	19.6491	20.3517	24.5459	20.5334
MIR521-2	0	0	0	0	0	0
LOC415056	1.79459	0.854358	1.14951	0.388868	0.615454	1.11831
RPS6KB2	58.7917	80.0416	61.7061	84.5799	79.5496	79.533
OR1L8	0.257954	0	0.390546	0	0.246439	0.160746
FAM122C	2.21216	1.90921	1.77741	0.972135	2.3377	1.69819
PQLC3	20.5851	18.7185	21.6653	17.0897	23.8683	16.6651
NPW	0.9211	1.73055	2.52763	5.51373	2.49328	5.23766
TIPIN	3.98401	2.68009	2.95035	1.70781	2.26163	2.10487
SRG7	0	0	0	0.540763	0	0
C10orf140	0.46259	0.766862	0.558104	0.705843	0.791808	0.738683
EML2	30.1814	35.5286	32.578	41.5852	37.7501	38.4448
LOC10065295	0	0	0	0	0	0
LDHC	0.654287	0.321375	0.366887	0.341312	0.231509	0.0566274
RHOBTB3	12.2947	9.36091	14.2153	6.67093	8.58839	7.30696
RABL5	5.12422	7.33444	6.27227	7.63368	5.5288	5.51852
ZNF268	4.23278	3.84161	3.42444	3.0557	3.84428	3.11745
HORMAD2	0.109825	0	0	0	0	0.0342193
C7orf66	0	0	0	0	0	0
FGF16	0	0.585984	1.00345	0	0	0
JUN	24.3428	26.7455	39.1924	33.3664	35.3001	32.9472
SLC38A9	5.93046	4.78586	4.27848	4.52216	5.09534	5.20861
C19orf80	6.45634	1.61321	4.67498	1.5815	3.30754	2.18658
LOC10050716	7.29632	4.49281	10.0602	6.2397	9.1272	7.63151
ZNF285	1.34416	0.59421	0.678357	0.350595	1.66464	2.00099
TOLLIP	38.085	40.4447	38.3867	43.1885	40.8939	43.4214
C10orf108	0.0538551	0.157429	0.257098	0.0660565	0.225421	0.0773987
IL29	0.143856	0	0	0.405236	0.0916227	0.089645
LOC10065275	1.1408	0.173703	2.31E-05	0.826656	0.382737	0.484245
SIGLEC8	0.843665	1.67085	1.4306	0.697126	2.34278	1.7875
MIR3646	0	0	0	0	0	0
IFI27L2	70.9085	155.763	76.9202	121.838	132.227	113.429

RS1	0.131289	0.116078	0.0745401	0.154098	0.0627142	0.040907
HIST1H2BL	1.1609	1.8266	0	0	0	0
HNRNPD	106.703	110.371	101.38	109.062	112.312	99.7859
TRIB1	10.9327	10.4536	12.4244	8.31388	8.76833	9.01642
FCRL3	0.164521	0.0872757	0.0996349	0	0.377225	0.0615137
SNX21	19.3966	30.1111	33.8821	31.6835	32.7914	28.8922
MOB3C	17.6614	20.8248	12.9812	14.7233	16.2708	14.1138
LOC440910	0	0	0	0	0	0
ESM1	0.221533	0.313384	0	0.459396	0.213011	0.133384
FLJ25328	0	0	0	0.0624951	0	0
CD164	184.361	124.761	168.5	143.549	133.45	121.285
MAF	29.2351	33.3975	35.8963	39.0306	45.3943	42.6031
MIR3925	0	0	0	0	0	0
PARK2	2.21796	1.96098	1.80004	2.31122	1.36037	2.61245
KCTD7	6.75237	7.46015	7.73393	6.81499	8.65168	7.33823
PEX13	9.52731	6.71599	7.03354	6.08489	6.50533	6.3716
LINC00324	1.86574	2.17049	2.04423	2.16683	2.8144	1.28504
MRTO4	16.5867	18.5888	15.3503	18.353	15.3038	14.4427
EEF1A1	2511.86	2905.15	2853.36	3253.02	2702.57	2540.94
PCDH7	4.00042	4.17431	5.0107	6.44327	3.51457	3.25417
MIR1180	0	0	0	0	0	0
PWRN2	0	0	0	0	0	0
ZBTB24	3.96042	3.8805	4.10939	4.04009	4.2704	3.39743
EXD2	7.22522	6.40769	6.76651	6.48718	7.21971	6.84044
LPAR6	28.7649	29.6226	27.5592	21.5618	35.8863	29.5356
MCART6	0.076778	0.122188	0.104619	0.043256	0.166261	0.0669827
MIR135A2	0	0	0	0	0	0
ARPC2	277.745	296.259	252.129	293.183	265.419	246.592
CRX	0	0	0.0142368	0	0	0.00394409
DNMBP-AS1	0.121262	2.13E-12	0.0608437	0.036523	0.049547	3.20E-11
RND3	30.4672	26.8711	37.072	26.116	26.5476	23.9944
CYTH1	25.8331	32.3082	32.9392	33.108	38.3591	30.0212
MIR4254	0	0	0	0	0	0
DACT3	2.99439	4.39166	2.26677	2.18319	3.32068	1.95379
AHCYL1	72.6046	52.5629	51.1007	42.0293	47.557	46.6882
SFRP5	3.70561	7.53053	3.18198	2.38892	3.4169	3.99798
DBX1	0	0	0	0	0	0
FAM13B	9.67814	8.05148	9.70716	7.84269	10.0322	7.67145
CLEC18C	0.210266	0.436359	0.252208	1.08837	0.426193	0.491944
RHOJ	7.42395	8.39779	9.0498	5.27948	9.45671	7.89191
GPR75-ASB3	3.18015	4.36047	2.21481	1.3224	2.32288	2.44781
EBI3	0.799413	0.795139	0.30258	0.0938295	1.0183	0.24908
C5orf4	65.8978	66.3653	58.7975	47.739	57.6648	62.682

C7orf31	1.60392	1.58633	1.44055	2.01659	1.64486	1.35525
ITGB6	2.95974	0.971959	1.56838	1.78659	1.15797	1.71264
ZFP14	2.35817	2.25309	2.20744	2.38096	2.7051	2.25168
ATP6V1E2	2.35343	2.58939	3.20681	3.87949	2.86459	3.55233
CWF19L1	10.0732	12.4483	11.2938	12.5398	11.3246	11.8173
KIAA0556	5.38543	5.44894	6.81283	6.23315	7.22687	7.0619
MAGEA10	0	0	0.178503	0.249091	0.168956	0
ANXA5	230.02	187.792	262.325	188.948	171.222	137.565
LOC10013010	0.25529	0.225711	0.386511	0.958852	0.325191	0
DNAJC9	20.3812	23.6259	18.2859	22.2564	21.5067	22.0772
FAM168A	4.10137	2.10213	5.12961	3.7395	3.1422	2.77805
CCPG1	17.327	9.29842	14.7404	9.47839	10.9787	10.3603
MGC13053	0	0.0881325	0.0754598	0.0467999	0.031744	0.0310588
TRPC4	0.136582	0.0301888	0.0258479	0	0.115989	0.0212777
DEGS2	57.9812	61.5433	71.6473	81.2284	61.6627	70.0408
HBBP1	0	0	0	0	0	0
LOC389602	0	0	0	0.0361568	0.0245249	0.0239955
DSE	10.8097	10.56	12.4206	9.32579	11.8313	9.31558
LACTB	11.8482	9.7186	9.00586	7.32995	11.0467	8.42935
STIM2	8.50034	7.48243	9.2067	7.32653	9.68552	9.84899
CIRBP	273.874	386.446	392.963	407.592	458.649	341.08
TRIM32	5.11077	4.42546	4.4472	3.46462	3.64248	3.7773
SENP3	18.9892	22.2458	19.3293	22.5107	21.7288	20.2025
DTL	0.882659	1.11115	0.867767	1.5117	1.31923	1.12598
NUP214	9.16624	10.0013	10.4913	9.72209	10.5153	9.45479
FAM90A9	0	0	0.0147941	0	0.0853789	0.00974264
USPL1	10.5298	10.0617	9.86452	9.93431	12.1864	8.88407
LOC407835	20.7292	24.5973	19.8215	25.8386	19.9582	21.6047
TAC1	1.48615	0.603439	0.687885	0.502599	0.302443	0.350715
SCN4B	8.20244	9.76576	10.2616	9.08569	10.7209	8.92574
TDGF1	0.236693	0	0.0447944	0.0555627	0.153892	0.22309
FAM55B	0	0	0	0.0554207	0.0375914	0
MIR485	0	0	0	0	0	0
LOC10050551	0	0	0	0	0.111425	0
CETN2	59.3892	55.0534	48.3479	60.2708	42.7826	48.9686
LINC00086	1.87902	1.5858	2.39212	1.95138	2.62911	1.82724
MKRN3	0.0738389	0.587553	0.0558965	0.0693336	0	0.161047
SDCCAG8	8.10189	8.27836	7.58445	6.5123	8.10755	8.65393
NAF1	6.33937	4.2674	5.96267	4.60573	5.18907	4.01422
C14orf159	18.2862	23.0642	20.5719	21.7901	22.2912	18.0535
FBLN5	25.9842	13.9663	30.4729	19.2754	21.3612	22.8023
ACSL3	36.7282	18.6328	21.9292	22.0359	17.6481	18.4309
SNORA20	157.298	92.7154	39.6919	0	33.3947	98.0215

LOC285401	0	0	0	0	0	0
RYR2	0.405673	0.272792	0.173012	0.144857	0.16012	0.153103
LINC00299	0.0516834	0.182781	0.156498	0.0485299	0.0658349	0
GPR172B	1.49209	3.88443	6.55326	10.8684	12.8786	7.68805
SLC22A5	8.82769	9.25587	7.74291	9.85913	9.9271	8.07975
WBP2	87.612	103.737	90.6923	99.3508	97.8719	95.1275
MIR1273D	0	0	0	0	0	0
MGC44328	0	0	0	0	0	0
NDUFAF4	9.41079	6.79754	5.82007	7.02198	4.95026	4.71247
MIR887	0	0	0	0	0	0
MIR4754	0	0	0	0	0	0
MIR4727	0	0	0	0	0	0
ANKRD53	1.04062	1.71321	1.39502	1.10892	1.08028	0.695545
PLD6	3.90604	4.93847	3.87353	3.81442	4.05508	3.72414
LOC10013154	0.401882	0.888298	0.380284	0.377361	0.191971	0.62609
LOC285627	0	0	0.0388634	0	0	0
TDGF1P3	0	0	0.027993	0	0.0961703	0.072011
TM9SF1	27.0293	22.2128	21.8158	19.3867	22.1008	20.6987
CST4	0.0589867	0.156457	0	0.373866	0	0.900571
OTUB1	47.1552	58.1123	49.4038	64.9736	63.4305	61.006
C1orf95	3.19076	3.49638	3.78634	2.57963	4.66075	3.5391
C12orf42	0	0	0	0	0	0
CPA3	40.1358	41.1411	57.9177	38.3935	77.4071	56.3919
G6PD	81.7031	85.6521	57.1756	69.0111	40.5424	67.6048
CHCHD7	22.0343	18.8166	20.398	21.1422	23.5796	19.6832
C20orf144	0.519197	0	0.196518	0.731277	0.33068	0.485313
C16orf72	15.1736	11.1399	14.437	12.1762	13.2707	13.4883
RNF31	19.7733	25.5153	18.2925	21.2896	22.3556	19.2572
MIR3659	0	0	0	0	0	0
NACC1	14.3496	14.2705	13.6723	15.3786	13.6746	15.3427
CCRL1	4.1519	4.05813	4.65531	1.62509	3.81396	2.2935
STON2	0.682419	0.362011	1.34315	0.865054	1.3691	1.33955
MIR548AG2	0	0	0	0	0	0
SCARNA16	6.25264	11.0564	14.1999	29.3557	27.8764	11.6891
MTDH	19.6384	14.9655	18.3908	13.4755	13.7065	12.5542
OAZ2	51.3063	55.911	45.4081	52.148	52.8846	47.3833
PPP2R5D	25.6389	28.6154	27.7889	28.2996	29.4781	26.0629
VCX2	0	0	0	0	0.0489394	0.0957659
RNF144A	4.64279	4.34111	3.59047	3.98314	3.9356	3.6321
DACH1	2.69228	2.36326	3.2544	2.33147	4.04224	5.52944
C6orf218	0.65832	0.989477	0.149506	0.309076	0.419288	0.410237
CLNK	0	0.111575	0.382125	0.0592482	0.3215	0.11796
LOC10050716	29.4161	44.3907	25.8862	46.139	37.8488	30.457

SPRYD3	24.4265	22.8275	22.4009	23.1895	18.1499	23.0359
LOC10013395	0.158267	0.895262	0.681113	1.52475	1.00472	0.484515
UBXN11	15.5163	27.3043	18.3088	22.1641	26.6749	20.6005
PEAR1	5.81274	6.47231	6.96835	5.30904	6.8231	5.16758
SLC35F4	0.0614183	0.162907	0.418446	0.173012	0	0.11482
ZNF516	4.58517	4.22849	5.4224	5.18091	6.23189	4.72341
CASC4	20.9276	13.7226	18.6505	14.4255	15.8886	13.1927
MIR4766	0	0	0	0	0	0
DLX6	2.22296	1.22838	0.631049	1.40895	0.955677	0.311683
EPHB6	47.6203	69.1532	78.5629	97.2602	115.802	117.258
MIR301B	0	0	0	0	0	0
LOC646862	2.97495	2.41984	4.23386	1.89953	4.16847	3.26279
EGLN3	41.6595	35.1082	64.7166	37.9081	79.7167	53.8931
TMEM170A	3.71095	2.41249	4.46168	2.35718	2.91965	4.14891
PEX5L	0.246995	0.121321	0.145426	0.077308	0.0873957	0.0684073
GFI1B	0.256602	0.473175	0.276947	0.271064	0.377475	0.369332
C19orf53	80.1425	99.8332	71.4158	97.9279	72.7619	79.7078
CREBL2	26.2724	23.113	30.0698	24.3015	23.4362	20.3916
ATRX	9.49528	6.46358	8.32026	6.76061	7.52018	6.27717
PI4KAP2	10.4578	15.756	14.4185	14.1504	28.2107	24.325
LY96	5.44556	8.21457	7.76696	5.11329	8.12317	3.15979
NUP62CL	1.25307	0.723375	0.646187	0.711855	0.655184	1.35693
UNC119	25.0301	33.046	30.0731	38.9696	39.4005	35.5998
ZNF280B	0.18394	0.177413	0.0886098	0.0785078	0.159754	0.0729425
NOSIP	26.9483	44.5122	28.8606	42.9908	41.6892	42.243
LOC645513	7.4479	5.51538	8.63231	7.71469	7.60175	9.13895
CYP4F12	21.8274	42.6194	26.5889	26.4436	40.919	25.6639
SNHG6	183.243	285.281	218.273	291.773	206.953	181.937
PLGLA	0.892332	0.686241	0.599806	0.716417	0.688724	0.834096
HS3ST2	0.371778	0.469576	0.924726	0.199482	0.541229	0.430256
NPHP4	3.10911	4.20175	4.06105	4.17414	4.7202	4.67566
SLC40A1	24.2711	19.1728	25.1799	22.597	22.3267	47.315
VCX3A	0	0.0784023	0.0447525	0.222043	0.381231	0.430308
SNORD59A	0	0	0	0	0	0
RHOXF2	0	0.0376858	0	0	0	0.0265617
MTMR8	0.188596	0.066698	0.199876	0.0708356	0.360354	0.258556
LOC10050680	0.67284	2.30E-05	1.46E-05	3.24E-05	0.038789	1.21E-05
UST	4.419	3.63351	5.2687	3.71369	5.67119	5.60385
TERF2IP	38.1818	37.0007	36.9129	37.1767	38.6336	36.1588
NUDT4P1	19.8749	17.8006	15.2997	14.391	10.8477	12.0148
MTMR2	9.14229	7.0235	8.1931	6.76475	7.08596	6.70065
LOC10065289	6.69E-08	1.89E-08	8.73E-08	0.000150211	4.15E-09	3.47E-08
LOC646743	0	0	0	0	0	0

LOC10050587	1.1586	0.307309	0.438534	0.435164	0.221376	0.144398
DEFB118	0	0	0	0	0	0
DYX1C1	0.681683	0.936108	1.31644	0.934618	0.836094	1.31944
LILRA4	0.0617884	0	0.187097	0	0.511594	0.115512
DEFB106A	0	0	0	0	0	0
LOC10013303	2.49362	1.66068	2.69669	2.03738	2.86701	2.0988
MYO1E	15.4603	11.7111	14.1249	10.3582	13.1246	12.4324
CASP2	15.8236	16.8111	15.1136	18.4656	19.5601	15.3395
CHKA	17.4111	15.5926	12.8102	13.3409	12.8488	12.188
SMPD3	17.2528	11.4283	18.5334	14.8458	21.407	27.7711
SLC28A3	5.01678	3.27111	8.22684	6.11088	9.46435	9.51543
NFX1	18.5126	20.1564	20.8555	19.78	23.1211	19.8356
ZNF718	3.48927	3.085	1.08057	1.09212	1.11117	1.18602
MDGA2	0.0183656	0.0162377	0.0139029	0.017245	0.0526379	0.0934662
SSX5	0	0	0	0	0	0
SUV39H1	4.03531	5.44895	4.74875	6.54479	4.74302	3.84053
SLA2	1.57453	1.17378	1.03037	0.350741	1.58476	0.53755
LOC440028	0.0440164	0.11675	0.366527	0.165323	0.0841029	0.219433
CCDC8	8.19412	7.92473	7.61378	8.08302	5.12468	5.2537
JAG2	23.5808	40.8639	28.2352	42.4648	36.2212	30.0843
PLEKHA7	6.38836	5.32848	6.84343	6.31925	9.12277	8.95089
LOC645249	0	0	0	0	0	0
ATP6V1E1	83.7632	80.1314	73.7192	83.5896	74.1701	72.7464
FAM155A	0.607687	0.268639	0.40252	0.213978	0.209646	0.236678
KLRB1	1.93174	2.95005	2.12704	1.64898	3.24362	0.766042
STX10	62.6147	83.0397	63.6632	76.2164	76.759	73.4912
RNF187	49.8315	57.6163	42.8929	52.8477	57.4143	59.7611
GPR63	0.0494662	0	0.564581	0	0.47501	0.372991
TBXA2R	1.31591	1.57281	0.937669	1.27189	1.52732	1.66298
LOC10050713	1.37001	0.795984	2.10385	1.06589	1.69528	1.04887
DST	60.6794	66.6318	77.436	76.0666	77.7537	59.1799
PNRC1	41.0777	50.7351	49.2294	46.3398	63.8135	49.0976
LOC10050758	0	0.0797945	0.0683207	0.0847445	0.116081	0.0562408
CKLF	12.9074	17.401	15.8673	10.6768	16.7895	10.2502
PGF	8.72949	10.1377	5.22941	7.52965	6.78128	5.91372
PRDX1	287.639	255.66	207.381	244.432	181.379	182.287
IFNA7	0	0	0	0	0	0
INSL4	0.230428	0	0.174435	0	0	0
MIR4761	0	0	0	0	0	0
LOC10050603	0	0.295106	0	0	0	0
KCNIP3	4.45509	4.16675	4.23645	5.33894	3.57039	3.0974
INSL5	0.183287	0.162051	0.138749	0.344207	0.116736	0
RUSC1-AS1	2.98964	2.05263	1.07501	2.34851	2.0918	2.13942

FLJ13197	1.91436	1.97281	3.10294	4.34899	3.32087	3.2381
FLJ31306	45.2878	54.8909	47.8715	48.3077	59.3549	47.7062
LOC647589	0	0	0	0	0	0
ENTPD2	12.9699	19.8185	12.1687	22.6104	13.9029	14.67
LOC730257	1.24227	2.35835	1.23991	1.23896	1.47598	0.921141
OR6K6	0	0	0	0	0	0
DDX4	0	0.0376937	0.0322729	0	0	0.119552
SIAH1	27.2024	32.3487	28.0675	31.9311	36.622	32.5839
LOC10013021	1.35161	1.46485	0.957168	1.35103	1.52732	1.14114
CLDN16	0.874978	0.480166	0.890764	0.708267	0.864742	0.88368
LOC10065284	135.726	121.714	125.698	134.178	101.856	105.004
NEIL1	8.69181	16.8771	13.5758	16.3744	18.114	13.9293
RPS12	614.196	836.61	616.3	923.753	595.334	616.97
MIR4670	0	0	0	0	0	0
C2orf54	35.1968	44.2572	32.4675	36.6319	52.59	51.5281
PRKAA2	1.32297	0.491088	0.657468	0.692242	0.591752	0.497167
VIL1	0	0.0969942	0	0.103011	0	0
LOC727982	0	0	0	0	0	0
SNORD31	0	0	0	0	0	0
PIWIL1	0	0	0.0270499	0.13048	0.0348133	0
KRTAP15-1	0	0	0	0	0	0
C9orf62	0	0	0	0	0	0
ZMYM6NB	15.0666	16.3067	17.5999	14.3913	20.5156	14.0833
PRB4	0.658696	0.465902	0.498636	0.618505	0.167811	0.820942
SLU7	16.3569	14.8032	17.1013	12.9501	16.0922	15.0745
POLR2J4	3.66515	5.78748	5.87689	6.90658	5.4854	3.7534
CDC42EP5	11.876	20.6294	6.98062	13.7752	10.5005	7.57475
PLCD3	14.221	14.8365	19.8944	20.1901	19.2017	18.1137
VRK3	14.0466	13.8853	12.6691	13.0824	11.1907	12.3563
RIC3	3.95675	5.3524	3.5031	3.82497	5.56728	4.49019
LOC10065280	0.767994	0.679011	0.581375	1.44227	0.815232	0.478581
TMEM167B	32.1006	26.1289	30.4168	29.9369	30.0185	22.9521
MIR4272	0	0	0	0	0	0
CYLC1	0	0	0	0	0	0
THOC6	14.2197	22.2377	18.5841	27.1738	26.4725	20.5604
TRAPPC5	81.3276	138.195	76.6384	127.906	90.037	103.329
OR4D2	0	0	0	0	0	0
ZFX	6.05141	4.42142	8.63126	5.72188	8.49341	7.46262
FBXW5	55.6584	87.3137	56.1674	70.5644	72.1949	60.6497
DEFB107B	0	0	0	0	0	0
ANKRD26	1.92586	1.78972	2.41562	1.58396	2.14877	1.92719
CFP	2.13344	1.82718	2.32383	1.94373	3.69647	1.70525
MIR3923	0	0	0	0	0	0

BRS3	0	0	0	0	0.0490401	0.0479816
MIR4740	0	0	0	0	0	0
URB2	2.06832	1.60198	1.85041	1.94212	1.7528	1.56584
IGSF21	0.800353	2.07569	0.605872	0.350709	1.32535	0.565246
TMEM38B	4.95733	2.45445	2.32669	2.46707	3.06263	2.84206
SNX25	7.29377	4.54401	6.43001	4.797	5.27267	5.21639
SLC26A6	12.7003	16.085	11.6164	13.6641	12.3467	10.6732
CBX7	25.6695	27.1779	28.2443	27.3848	33.8894	25.4435
NUDT6	3.53031	4.38773	3.62251	4.464	3.73091	3.52317
C3orf38	6.00137	6.38981	6.79937	5.31363	6.37736	6.54965
CYB5R4	7.12818	5.94101	7.28646	5.15849	5.95692	5.29077
TRIM5	9.85108	7.44355	6.56805	5.39007	6.37369	6.10371
ZNF519	2.15442	1.8868	2.50188	2.12639	2.27831	2.69918
MIR320C1	0	0	0	0	0	0
SORBS2	18.1996	9.85041	9.08238	8.17514	8.15063	8.17463
LOC1005057:	0.146052	0.12913	0.257979	0.228568	0.21705	0.151689
AMZ2P1	3.68834	4.82833	3.91759	3.75861	5.35383	4.1336
LOC1001292(	1.38402	1.87149	1.29423	1.22313	1.50372	1.16686
ATXN3L	0	0	0	0	0	0
PRM2	0	0	0	0	0	0
LOC1002875:	0	0	0	0	0	0
CNKS1R1	13.8049	19.8311	12.8459	18.0611	18.4028	17.9872
PTGES2	34.3569	47.1485	34.1669	48.8464	40.433	33.1257
TMEM190	0	1.07786	0.553725	0.915782	1.8635	1.06358
MGC23284	1.27305	1.73317	0.821118	0.912255	2.30485	1.71673
SLMO2	27.9137	24.6768	27.7054	24.6583	24.4531	22.7901
RRN3P2	1.28934	1.0655	1.65917	0.939808	1.58851	1.10199
SMTNL1	0.450309	0.455011	0.146094	0.120809	0.122916	0.280613
ZXDC	11.4595	14.5459	15.2051	16.7011	15.7676	14.262
LOC1005060:	3.08698	2.64661	4.10721	3.33781	5.48129	4.95492
LOC139201	0.675503	0.492066	0.781662	0.372767	0.455121	0.568991
GRIK5	0.696242	1.42813	0.864377	1.17677	1.75602	1.05864
C14orf165	0.128977	0	0	0	0	0
ZNF471	3.63102	2.5751	4.31414	3.30005	4.35725	3.60457
FBXO8	10.9831	7.37604	11.1472	7.98297	8.66381	9.71064
HSBP1L1	45.496	56.0708	38.4849	51.6201	49.5018	55.7359
UNC13A	0.134245	0.0339118	0.159696	0.072031	0.146574	0.0896315
LOC1001283(	0.214193	0.252501	0.0540483	0.0670411	0.090947	0.0889838
STAB2	0.552606	0.4784	0.664659	0.390872	1.49445	0.882236
LECT2	0	0	0	0	0	0
MIR548I2	0	0	0	0	0	0
STAT6	79.4206	96.4621	78.5273	86.6381	103.026	91.3877
LOC1005072:	43.7883	62.0694	38.2347	50.5103	39.5549	38.0262



PSMC6	25.5053	26.6341	21.9935	21.5605	21.233	22.4016
OTUD4	12.7128	9.60147	12.1009	8.68303	11.2225	9.86831
MMP15	6.68583	7.92022	7.57527	7.40626	6.10905	5.17387
CCDC89	0.708726	0.368595	0.599629	0.274022	0.531049	0.701441
PHKG1	1.8206	2.95104	2.81383	2.70673	4.05842	2.12722
SYS1-DBNDD	5.97E-81	2.25E-89	3.44E-51	8.01E-51	1.18E-77	0.291222
SLC35A1	26.3881	21.7415	21.6806	19.0914	26.7356	24.6219
MAST3	5.23272	6.09196	7.99621	6.46987	8.15592	7.47354
RECQL5	12.18	17.5165	16.6686	19.9889	21.5006	22.2286
DNASE1	1.47278	1.35829	1.55117	1.50251	1.93636	2.23359
RHEBL1	0.76702	1.94968	1.66934	1.17036	1.83195	2.27038
CAB39L	12.9542	9.0118	13.0181	12.7462	9.4519	9.34001
MOG	0	0.213512	0.0812487	0	0.0384502	0
DPT	86.1533	77.3573	136.991	84.7324	96.695	56.2328
EDA	5.53518	4.54661	3.89976	4.43481	4.561	4.30306
LOC728084	0.361962	0.320024	0.0608906	0.188821	0.128075	0.100249
GSN	516.502	501.999	640.909	487.555	410.298	412.109
MIR365-1	0	0	0	0	0	0
ZNF726	1.81176	0.80092	1.71439	0.212651	0.576959	0.423378
AKT1S1	36.9436	49.2704	36.839	51.212	44.0824	45.3616
SNORD28	0	0	0	0	0	0
SMARCA4	26.3578	25.7762	23.9405	27.9	27.5977	30.0398
HNRNPA0	52.2669	54.5107	52.1291	54.7128	54.1295	47.2784
HLA-B	1010.24	1022.14	618.452	472.445	922.329	525.476
MGRN1	14.7721	18.1394	17.4159	16.8826	16.9322	17.2696
LOC10050574	0.170525	0.141152	0.282885	0.135015	0.679023	0.605121
TNFAIP1	25.7314	26.4781	20.8421	24.5188	25.0844	28.0942
STOML1	9.01189	11.8825	7.57134	8.16854	8.49349	9.25151
E2F5	2.74789	1.21602	1.58114	2.52015	1.6882	2.39393
LOC646214	2.822	1.93054	2.73123	2.15665	4.51758	4.33297
LOC10050740	0	0	0	0	0	0
LOC10013104	0	0	0	0	0	0
NECAB1	1.35052	0.949648	1.40812	0.896608	1.29044	1.08566
LOC440993	12.732	19.5887	6.52667	8.47218	27.5837	21.6157
OPN1SW	0	0.190014	0	2.69E-165	0	0
C1QTNF7	1.7392	1.2833	1.75708	0.92225	1.33316	1.41255
HAR1B	0.135412	0	0.102508	0.2543	0	0.0843831
LOC643802	0.0817013	0.216705	0.123697	0	0	0
SERF2-C15OR	1.91E-10	0.000160957	3.65E-05	1.37598	1.99664	6.00E-14
MIR98	0	0	0	0	0	0
RNF149	25.3029	24.6232	31.2052	26.9688	29.5985	28.6324
ASCL3	0.423815	0	0	0	0.134965	0
EIF4G1	80.071	70.1342	82.5437	71.6992	69.6133	76.1498

WISP3	2.96958	1.8319	3.85224	6.73567	3.34729	3.11916
CDC16	47.812	64.0858	46.5829	51.1738	58.1983	49.2399
TNFSF11	0.655214	0.219379	0.741452	0.528592	0.651827	0.463898
LRP3	15.5975	21.8108	19.0259	21.0809	17.842	17.8177
HPCAL4	0	0.0403451	0	0.149968	0.0290634	0.355451
ARHGEF40	13.3575	13.3814	17.8698	12.7408	12.2737	8.72962
AIMP2	16.3716	15.4453	13.0721	19.2578	13.5131	12.7228
TCF3	16.673	22.3649	19.3944	22.6639	23.1256	22.9164
WRAP53	4.0327	6.14768	4.59524	5.31349	4.28878	4.39615
ANKDD1B	0.707138	0.416805	0.41635	0.516438	1.10093	0.832355
PTPRM	11.9266	11.323	12.8829	8.86509	9.01417	6.15221
SNX22	2.43087	2.799	1.56032	2.26965	1.58544	1.65968
LOC10013294	0	0	0	0	0	0
CEACAM16	0	0.055221	0.0472807	0	0	0.0389209
TNFRSF10C	0.216369	0.573899	0.545975	0.677223	0.41342	0.0898879
HARS2	22.0207	24.8835	20.2924	21.0198	28.0503	24.3617
REPS1	13.6894	13.6627	14.263	16.1411	14.8948	14.4104
LOC10065278	6.34723	5.67943	6.63422	5.32805	6.61425	6.34758
RAF1	43.5391	42.9832	41.4711	42.7794	43.3526	39.9283
CKS1B	23.3907	28.6593	20.8816	26.3467	21.7198	20.0819
PARD3B	2.7854	2.19519	3.0131	2.7831	2.60643	2.5876
LOC63930	0	0	0	0	0	0
ABCC3	17.4452	21.7727	14.7244	13.9531	14.6749	13.1374
CXCL17	5.05862	2.04458	0.547057	0.678566	0.828479	0.0900662
UCN3	0	0	0	0	0	0
CCDC69	22.9215	27.5419	30.1625	17.9856	15.9646	13.7058
TM4SF19-TC1	0.262392	2.79E-12	0.400526	0.0368539	0.235981	0.886972
OGFOD1	12.4992	12.0398	10.5824	10.6555	10.4538	10.3101
OR10H2	0	0	0	0	0.0721612	0.0706036
SNORD115-8	0	0	0	0	0	0
URB1	4.79556	4.00921	4.58856	4.23187	5.17912	5.04595
MYO18A	18.4624	16.4827	21.7565	15.5647	21.3331	20.4918
SNORA57	21.7939	115.613	0	40.9282	55.5225	40.743
MBLAC2	3.22315	2.16738	4.14103	3.32487	3.5997	3.49371
PM20D1	752.016	548.689	550.433	421.237	134.228	190.574
WDR91	8.10813	10.892	9.38924	8.61673	13.4285	7.41576
ELOVL7	19.5362	10.4478	17.6398	13.3731	16.5643	15.9547
THUMPD1	19.7452	15.6515	18.1395	14.457	18.0874	14.5353
ARRDC1	28.1479	47.3553	33.073	49.792	51.0213	43.8515
SCO2	51.4974	128.287	18.6658	32.1907	26.7695	21.3889
HPGDS	6.12792	6.75783	5.28731	3.15543	5.87534	5.42003
KLKB1	0.454024	0.521846	1.61539	1.70529	0.347005	0.452686
ZNF575	1.71971	2.98662	1.90625	2.7682	3.44235	3.02359

LOC10050563	1.26346	1.29197	2.91416	1.93226	3.28383	1.65086
C14orf166B	0	0	0	0	0	0
PM20D2	11.028	7.60773	9.32764	7.36619	10.3722	7.71679
ITPKB-IT1	0.16176	0	0	0	0	0
RXFP3	0	0	0	0	0	0
LINC00116	8.08158	12.1992	6.01832	9.62441	8.07651	6.79668
TMTC1	6.54772	4.33465	5.81691	4.08527	2.99531	3.86445
LOC10050625	1.27495	0.927238	1.10525	1.00407	1.47998	1.20456
SNORD118	36.2435	38.983	29.7374	0	138.374	98.1767
SFRP4	1.17043	1.47832	2.2024	1.22462	1.06493	0.97943
LOC10050628	0	0	0	0	0	0
SNORD124	0	0	0	1603.14	0	1063.93
TPTE2P6	0.0737799	0.0652315	0.0558518	0.17536	0.08702	0.114941
SLC35C1	6.4717	5.61806	6.18691	4.86338	4.86575	5.39941
OXER1	4.23116	7.79798	2.93233	6.88278	7.4393	3.75077
LOC10065273	590.167	794.464	553.08	859.232	566.475	626.519
LOC10050663	0.25044	0.885692	0.568753	0.940636	0.159506	0.312127
LOC10050760	1.11553	1.21863	0.897423	1.97537	0.916191	0.765095
S100A6	856.274	1090.92	929.137	970.678	918.352	901.148
MAGED4B	1.86559	3.41325	2.41257	3.21425	4.0343	4.30655
LOC10050760	1.35397	1.79565	1.85775	1.35082	2.96434	2.32028
NAGA	8.17287	8.24826	8.91233	7.50146	10.3605	8.66299
DCAF8	51.7361	55.1572	57.4469	52.6713	60.4751	51.247
LHFPL2	9.07418	5.8271	7.10059	5.45313	5.51172	7.40461
KRTAP4-8	7.85169	2.81265	0.0752376	75.3749	1.58253	808.475
CCR10	1.70311	2.93232	1.89997	1.8517	2.16945	1.3406
GDF6	0.0264678	0.117006	0.0200362	0	0.0337149	0.0824679
C4orf47	0.607524	1.28912	0.367919	0.798638	0.851258	0.605733
FURIN	51.8703	46.992	47.6161	50.8249	55.4165	62.022
REG1P	0	0	0	0	0	0
MIRLET7I	0	0	0	0	0	0
MIR4322	0	0	0	0	0	0
TCEA1	26.139	20.6623	27.026	23.3655	23.9375	21.6493
GAGE13	0	0.0373009	0	0	0	0
CFC1	0	0	0	0	0	0
LOC10013283	1.1853	1.0884	0.946063	1.56646	2.4013	1.41329
LOC10050662	0.708695	1.16366	1.53282	0.665454	2.38582	1.32489
EDNRB	8.37588	7.61546	8.64882	8.15109	7.39871	7.37164
RTTN	1.6494	1.68356	1.69526	1.68727	2.19498	1.62114
KRR1	14.4372	11.4823	12.3638	8.19937	12.0203	10.1639
OR2M3	0	0	0	0	0	0
RAB22A	8.89268	7.05	6.07767	6.21378	7.98366	7.09563
HMBOX1	1.02963	0.69017	1.43977	0.84987	0.913671	1.1852

LRCH4	21.5366	26.1443	23.7416	29.1588	32.8062	23.0675
TAS1R1	0.432703	0.576151	0.337631	0.190597	0.832872	0.445349
ANKZF1	29.6352	39.3027	33.723	42.8412	52.8933	39.3374
SNORD37	0	0	0	0	0	0
IL20RB	63.4508	76.4908	84.1714	74.7105	105.97	100.45
CNTNAP1	1.97258	2.64718	2.3732	1.86876	3.71295	2.00847
LOC10050671	0	1.07472	0.663234	0	0.660648	0.757485
ARSG	1.51664	1.66018	2.48756	2.03443	1.81692	2.22775
MIR4491	0	0	0	0	0	0
SNORD115-3	0	0	0	0	0	0
PIGC	38.787	31.408	32.0377	33.2191	29.236	34.9363
OR51V1	0	0	0	0	0	0
GAGE2D	0	0	0	0	0	0
ZSCAN12	2.72229	1.76557	2.1622	2.18253	2.56886	2.19269
ERC2	0.0778927	0.0275471	0.0589652	0	0.00992206	0.0970789
HRNR	0.37298	0.454767	0.326489	0.21226	0.0960198	0.162449
MYOZ2	0.23308	0.0686915	0.0588143	0.218858	0.222675	0.290491
NOVA1	3.46059	5.43065	6.24671	4.48752	5.30176	3.14107
TBCC	15.4819	19.4246	16.5829	18.2771	20.212	15.8926
CSF2RA	2.03491	3.23631	2.96069	3.13641	1.38408	3.21337
KDELC1	2.63706	1.7255	1.10914	0.871325	1.61688	1.64243
GPR52	0	0	0	0	0.0467392	0.0457303
MIR876	0	0	0	0	0	0
USP4	23.5166	22.2117	23.5987	20.8099	24.0073	23.4723
RPS2	947.228	1712.01	1210.85	1956.2	1332.77	1338.56
NFIX	53.0918	54.0216	73.3762	65.6151	62.5316	53.6704
DHX35	5.50341	7.33407	5.87831	5.17351	7.44272	5.89365
REEP2	1.71389	2.81415	2.63191	2.345	2.83812	2.68531
UTP14C	8.90897	6.15771	7.50224	5.78077	6.19358	5.73134
DUSP11	16.8432	19.2446	20.0573	16.1196	18.9794	17.8835
CTTNBP2NL	8.29388	5.10865	7.93722	5.30364	7.74272	7.7981
LOC10028731	0.0167358	0.0118374	0.0126691	0.00628586	0	0.00880674
KLK7	160.355	109.954	142.48	107.846	160.577	216.053
LOC150051	0.153423	0.406941	0.116142	0.144062	0	0.28682
PARP2	16.1571	20.029	18.837	21.1114	21.8762	13.2015
MBTPS1	28.3817	26.89	28.7032	27.8661	27.6623	24.4074
MALAT1	98.5107	97.8459	120.319	297.793	160.124	144.656
TTC39A	5.68356	3.85048	2.79399	3.67354	2.77377	1.95506
LOC10050581	0.466235	0.235552	0.352942	0.125082	0.509053	0.124516
ZBTB26	4.29972	2.02107	3.33732	1.63539	3.36248	2.47591
SNORD113-1	0	0	0	0	0	0
TMC6	19.774	27.9517	16.8565	19.8939	23.7123	21.3131
SNORD115-4	0	0	0	0	0	0

AGTRAP	54.9148	71.4869	46.7536	63.4526	52.8317	67.4462
GNG11	70.0078	80.7633	79.7306	65.619	58.9743	46.6587
CHMP4B	101.654	106.393	87.3399	104.948	89.5668	109.07
GPR37	3.22905	1.78432	2.39348	3.00044	1.73525	2.09605
MIR4439	0	0	0	0	0	0
CCDC22	11.261	15.5784	12.7747	13.7824	15.3829	13.7682
UBC	248.418	200.543	256.073	200.268	228.49	222.388
ZBTB6	6.14171	3.64803	5.74432	3.40674	5.22565	4.06369
TALDO1	191.233	210.539	173.405	175.83	139.38	172.211
AOX1	6.8826	4.71946	8.40731	2.22154	5.35493	4.20369
SNORD115-4	0	0	0	0	0	0
LOC400027	9.75039	9.40065	11.9504	10.6814	10.912	10.3003
NLRP2	7.37244	6.42254	1.97202	1.07998	3.63523	1.79626
LOC10050578	0.904267	0.675574	0.123216	0.543419	0.575933	0.36064
OLFM2	47.0792	48.8096	61.9443	78.8877	60.4697	67.7213
TCF21	0.0873467	0.208963	0.131651	0.0820172	0	0
FEN1	18.6645	17.8738	14.5654	16.3184	14.6264	17.4602
MIR1303	0	0	0	0	0	0
MIR9-3	0	0	0	0	0	0
SEPHS2	36.5804	34.205	32.239	35.022	28.3234	33.2153
KLRAQ1	11.1771	9.18688	9.7228	9.6847	10.6864	9.78833
ST3GAL2	3.70383	5.22024	4.37065	4.23477	4.78736	3.65218
FOXD3	0.697021	1.45262	0.339203	0.467494	0.951293	0.744607
GMEB2	6.09732	8.12714	7.16833	8.82649	7.92865	7.91582
CXorf27	0	0	0	0	0	0
SNRPG	19.4558	22.7862	16.2791	21.8751	13.6964	16.3792
TBL1XR1	26.3635	20.5917	25.1396	20.4741	25.4371	23.3359
ARFGEF1	13.6359	10.5635	12.4987	11.1693	12.372	11.7023
DCDC5	0	0.0897655	0.0922296	0.0381336	0.129329	0.0253074
LOC10050594	2.71834	1.92271	0.82312	4.08397	2.07759	3.04912
NECAB3	11.6091	17.5706	12.6412	16.3608	12.8705	15.7664
SMARCD2	62.9044	69.2487	62.7083	78.6306	72.0096	66.5999
UCP2	39.9681	38.187	42.0657	47.6986	37.4858	49.2504
ANKS6	3.02163	2.84807	2.91214	2.74977	2.76381	2.1235
AK3	43.0029	39.9679	36.8385	31.7409	34.4643	31.2374
ANXA10	0.0748734	0	0	0	0	0
CTSF	47.589	60.7098	56.7681	61.3942	62.111	49.3086
IFI44	46.2168	44.6045	12.7097	4.52886	14.9706	5.32635
KIAA1279	14.2548	12.2881	11.3905	10.1503	12.7358	12.6583
LOC647323	0	0	0.0498803	0	0.0839334	0
MIR548S	0	0	0	0	0	0
ZNF592	8.07954	7.53269	8.88495	7.83316	8.42974	6.84467
LOC10050720	0	0	0.0988803	0	0	0

UCK2	11.9627	9.84845	10.0802	11.2328	11.1789	10.6321
C9orf116	2.56094	2.64195	3.17263	2.62311	2.32276	3.36477
MIPEP	17.6268	18.4214	14.9209	13.3428	13.1906	12.0749
CWH43	17.7486	16.813	17.0579	20.5056	15.0288	19.1387
SLC4A3	3.11034	4.21062	3.12187	5.49476	5.01057	7.93915
LOC10050681	1.14805	0.85263	0.625739	0.344961	0.877442	1.00159
SRRM5	1.86078	1.23533	1.07926	0.947414	1.23911	1.48442
C21orf81	0	0	0	0	0	0
LOC10050696	2.21551	0.301356	1.93518	0.640101	0.868351	0.955808
C12orf45	23.3263	28.2324	24.6872	18.926	17.453	21.5923
CD44	188.099	192.771	192.75	196.144	202.738	177.206
RIF1	6.50116	4.2035	5.96435	4.09855	5.41425	4.38379
LOC10029436	0.818368	0.738996	1.04025	0.952842	1.03155	0.867878
VASH1	9.25096	11.4339	8.26429	8.17992	15.5941	12.0438
LOC646471	4.72905	4.0287	6.93421	5.01028	9.54778	8.22469
OGN	7.934	5.84038	14.1045	3.94427	9.37487	7.53915
TMEM61	2.19595	2.5887	4.11629	4.61488	2.79723	2.4762
SPACA5B	0	0	0	0.113871	0.0772378	0
LOC10050563	0.0530197	0.0468766	0.0401362	0.0995692	0.0337685	0.132158
DIO3OS	0.455774	0.98223	0.495971	0.775685	1.59657	1.29584
LOC646890	1.20791	0.920655	1.28234	0.795306	0.742798	0.692267
LRRC70	1.7236	2.12543	1.85415	1.3203	1.90665	1.15887
CYR61	10.9557	6.00002	25.3506	16.4512	9.66147	5.83206
ZNF763	2.32175	2.42304	2.66039	2.64482	3.53932	3.4866
XCL2	1.05321	0.523789	0.622879	0	0.838494	0.328158
CLIC1	171.743	193.643	186.962	200.222	195.916	187.193
CXCR2P1	1.15261	0.849218	0.0363554	0.045095	0.45936	0.179564
MDM2	13.3331	10.4664	12.6531	9.72596	12.3022	11.298
HEXIM1	20.2105	24.438	21.8411	21.3281	23.8797	20.4327
NUDT16	12.8469	13.8206	13.6914	12.453	14.3898	10.3193
PLEKHG4	8.09036	12.3537	11.8898	12.5433	15.5236	14.3855
NUP98	15.1239	11.5959	12.3732	11.7916	12.664	10.8934
TREX2	8.15947	8.9392	9.19801	15.9062	15.6469	13.209
ZNF326	13.5141	11.6668	12.9501	10.5002	13.3116	13.1241
LOC10050586	0	0	0	0	0	0
IFI35	22.7252	31.0443	11.1989	9.37222	16.8577	10.2184
CLRN2	0	0	0	0	0	0
SPTB	1.91131	1.69814	2.11354	2.34888	2.6382	2.99246
LOC729305	0.0532102	0.0235226	0.0805609	0	0	0.0331584
PTPN20B	2.39701	1.83056	1.74482	1.44736	1.8675	2.07619
HIST1H4H	6.35253	3.57414	0.874345	1.08453	0.735629	5.39813
FOXI1	9.59294	4.08147	6.25121	9.39606	4.54196	6.90416
LOC285359	9.24669	6.7606	10.0605	6.76577	5.65984	8.23129

LOC10028736	0.506377	0.223853	0	0.47548	0.967542	0.946657
RASSF9	2.21731	1.85723	2.03189	1.42454	1.74669	2.7271
LOC10012926	9.45405	9.83373	6.68326	5.74407	7.61522	6.6711
ANXA8	60.5133	82.6971	66.0259	79.4963	97.3388	87.6721
PNMA6C	0.254969	0.31972	0.553212	0.44593	0.653516	0.582298
ADRA1B	0.40722	0.76008	0.753543	0.722259	0.461085	0.281958
DHX58	8.02771	10.3917	8.69392	7.39363	11.4979	7.42002
MIR4438	0	0	0	0	0	0
PNMA6D	0.184411	0.212957	0.463467	0.311687	0.450102	0.325729
RASAL1	16.2388	16.0433	15.7901	16.194	14.7291	22.5259
OPALIN	0	0	0	0	0	0
ANXA2P1	21.6701	19.7377	23.1518	16.6622	17.2913	22.8801
REXO1	8.63802	15.1874	12.9156	15.3196	16.4482	13.7885
CDH17	0.190705	0.191246	0	0.0248706	0.0674783	0
PODXL	21.1771	16.6526	15.7356	15.3031	13.4774	11.4026
ZDBF2	1.60744	0.961158	1.84988	1.08186	1.49722	1.14644
LOC10065286	0.163112	0.126225	0.0788451	0.174987	0.250895	0.199305
FAM131C	0.99327	1.31728	0.986883	1.45729	2.13509	2.12769
LST1	16.3464	19.3501	12.9019	12.3525	31.3714	15.6511
CGREF1	4.16067	5.67491	4.69823	4.14326	4.04806	3.46347
WDR45L	37.6122	43.2272	37.3943	44.8862	43.7738	34.6364
WDR53	6.25866	6.13498	6.74627	5.36576	8.70892	8.81769
C1orf227	0	0	0	0	0.40329	0
DNAJC30	8.39454	10.0249	7.46905	6.76163	8.23518	7.68554
PRKX	7.48362	6.76944	9.9973	8.81326	11.4352	9.66984
EPHX3	51.0974	48.7544	45.5792	51.3551	69.7764	71.0996
NOL9	5.76614	7.14481	6.99905	8.48153	7.54397	6.12439
LOC390705	0	0	0	0	0	0
TCF23	0	0	0	0	0	0
DDX18	17.1278	14.2931	16.5664	13.8375	15.6763	12.4549
GTF2H2	4.2337	3.85333	5.37744	2.99417	2.76441	3.26745
SNORD115-10	0	0	0	0	0	0
CPLX2	0.0206817	0	0.0156562	0	0	0.0687404
FAM133B	7.66707	7.27033	6.3218	6.72983	7.36559	7.17093
MGC39372	0.533678	1.25825	0.740662	1.08575	1.13301	0.609704
SH2D6	0	0	0	0.127524	0.0864986	0.0846315
DKFZp434J02	4.93725	8.32845	4.77026	7.93	5.79261	4.73648
ZNF678	0.962811	0.704532	0.896365	0.685911	1.1347	0.82751
GBAS	55.477	42.584	39.7789	34.8635	36.46	32.2956
MFI2-AS1	7.52333	9.64811	6.35735	8.71148	8.86464	9.06278
STARD6	0	0	0	0.38642	0	0
RPA4	0	0.121277	0	0.0644003	0.0873644	0.213697
TPD52	22.5085	13.1584	18.9628	16.3747	18.48	17.9122

VWA5B2	0	0.0646031	0.036815	0.114115	0.0775673	0.0910308
LOC10028815	26.7672	59.4324	19.4404	27.7606	54.6777	38.1594
GTF2F1	26.3432	31.4621	26.6989	30.5953	32.9777	33.6934
LOC283143	1.99968	2.69216	2.88992	2.85917	1.91041	2.12406
SSX2	0	0	0	0	0	0
DUX4L9	0	0.098133	0.00526765	0.00762294	0.0405205	0.0303538
SLC12A5	0.0364054	0.0148768	0.0122703	0	0.0306082	0.0302033
C3orf14	17.0063	16.6574	16.0293	17.3777	15.1852	14.7536
RAPGEF4	2.86802	2.45191	4.3956	2.65347	4.63387	3.11642
LOC339298	0	0	0	0	0	0
TSPAN8	15.4224	4.2778	6.56232	8.6131	6.80535	7.53783
MIR1260B	0	0	0	0	0	0
MIR4330	0	0	0	0	0	0
FNDC1	0.393205	0.283268	0.143317	0.615356	0.25971	0.59896
TMEM115	24.8306	30.0236	26.338	30.4577	30.9107	33.913
ASH2L	16.8243	16.6853	17.0274	14.5428	17.1805	15.7757
EDNRA	9.5999	7.85741	7.60817	7.4052	10.9057	8.99196
IP6K2	88.4202	101.266	96.1124	113.28	165.364	173.882
LOC10012824	0	0	0.158859	0	0.33414	0.261542
MIR938	0	0	0	0	0	0
SLC2A14	3.77416	2.71893	2.53973	1.22545	2.07745	2.00347
VAR52	9.1528	13.1547	11.0013	12.2892	13.5101	12.7455
SNORD114-2	0	0	0	0	0	0
ZNF85	3.3685	3.80392	3.56903	3.38988	4.59364	4.02128
SNORA72	209.731	324.504	39.6919	147.7	100.184	196.043
FLJ45445	6.19399	11.1061	7.24641	10.46	8.76677	7.44249
TBC1D3C	4.23564	7.55115	3.98024	5.39811	7.69608	7.38205
ABCD1	4.22676	5.77112	3.78697	4.22006	3.83361	4.86779
OGDH	51.4432	42.7452	49.4724	44.5431	43.6738	46.3616
NDUFV3	33.0854	39.2561	34.0327	38.0802	23.1737	19.9949
ERCC4	2.48239	1.72854	2.50834	1.90853	2.06494	1.68658
PSME1	208.953	212.508	121.481	128.504	162.095	130.232
RAN	118.626	108.597	89.2295	102.586	86.4644	96.7506
NDFIP1	51.3166	34.4684	45.3111	39.2964	33.8306	31.508
FADD	16.2766	16.98	14.1121	18.4036	16.357	14.7054
FLJ41733	0.254585	0	0	0	0.162147	0
LOC10050645	0.898913	1.1294	1.39678	0.710792	1.28574	0.992672
ZNF554	2.75502	3.48977	3.4091	3.90525	5.34842	3.79679
CRYGB	0	0	0	0	0	0
LOC10013207	0.710762	0.586516	0.860881	0.0889858	0.633763	0.5315
DDTL	16.1396	21.1187	15.0587	17.2181	16.0475	17.0606
FABP12	0	0	0	1.24687	0	0
MIR4720	0	0	0	0	0	0



MAP4K4	16.8677	14.6832	16.7204	15.3979	14.7872	13.5592
RBM6	84.46	108.733	59.7309	67.0754	102.507	107.791
CYLD	11.2832	9.46207	10.5107	6.76474	12.2247	8.2913
LOC400548	0.154617	0.136703	0.273107	0.290366	0.164128	0.192702
TTC9	4.29808	2.57689	3.65863	3.74137	4.66428	5.01191
SCARNA1	0	0	0	0	0	0
MYOZ1	1.46092	0.799593	0.315978	0.326614	0.487387	0.346812
RBM39	103.941	100.856	96.6023	91.2145	114.182	101.768
LOC10065273	0.33166	0.586465	1.63194	1.55712	0.52809	0.310014
MRFAP1L1	55.6032	49.3385	52.1838	46.2975	57.3024	51.9326
HIST1H4L	0	0	0	0	0	0
TMEM161B	8.60946	6.309	7.13392	6.34846	7.60762	7.05674
HADHB	137.443	112.947	112.646	104.103	93.405	92.0784
KIAA0247	19.9225	15.6133	20.5582	16.1301	23.8907	18.0893
FAM117A	10.8767	14.8239	12.8876	14.2499	16.2371	15.9134
TMCO5A	0	0	0	0	0	0
MOGAT3	0	0	0	0	0	0
SULT1A3	17.7568	22.756	9.69791	14.4389	12.0146	9.67645
C12orf24	3.61666	2.07946	1.93849	2.81369	3.26097	2.30835
MIR30C1	0	0	0	0	0	0
LOC10028750	1.65E-05	0.389277	0.851649	0.284681	0.491727	0.41329
LOC10028880	0.61206	0.941818	0.60132	0.527173	0.732615	0.472156
LYPD2	11.8429	9.19386	8.52785	5.42455	12.3261	9.90003
NPTXR	1.53236	1.60247	1.47184	1.23773	1.80502	1.51963
ANAPC13	54.4742	45.4934	38.8858	44.7757	35.468	35.2998
IGF2BP1	0	0.0451173	0.00858429	0.0479161	0	0
LOC10050547	0	0.101166	0	0	0	0
MIR1255B1	0	0	0	0	0	0
MIR4468	0	0	0	0	0	0
ARSK	1.94553	2.16317	2.54389	1.93754	2.0652	1.89203
TREH	0	0.0497949	0.127904	0.105768	0.0358707	0.0350964
LOC10050719	0.134062	0.138618	0.13495	0.0208316	0.185504	0.0557874
RETSAT	72.5962	69.3229	85.7874	53.5035	44.8134	54.0167
NLRP10	1.27777	0.271134	0.735133	0.191969	0.781267	1.05105
PROK2	0	0	0.427181	0.0648811	0.198041	0.172236
DUSP19	0.737027	0.537768	0.933511	0.467522	0.956089	1.00964
DGCR11	2.03068	1.34655	1.15293	0.736709	1.14638	1.32295
C1orf9	19.2856	13.2234	14.9577	12.5398	15.2114	15.6014
MIR3615	0	0	0	0	0	0
FXR2	17.9068	16.5384	17.8641	17.3143	16.7259	15.307
FLJ46906	3.407	5.40129	1.7787	6.50856	5.76156	8.05314
C9orf106	0	0.259639	0.111152	0.137873	0	0
ZBP2	0	0	0	0	0.0297355	0.0290936

FAM197Y5	0	0	0	0	0	0
CGB8	0	0.325573	0.500007	0.884214	0.307717	0.319888
ZNF521	4.57858	3.32767	4.31782	3.0058	3.97877	3.68737
LOC10050610	0	0	0	0	0	0
KRT34	6.15822	2.94015	0.559417	51.6953	1.02017	836.188
TRPM7	7.83371	6.65384	8.11712	6.45433	8.45014	6.65934
TOB1	78.4858	55.2007	76.4515	80.0797	63.0854	65.924
SLC12A4	15.491	21.5388	20.5892	19.454	25.4332	16.5609
BMI1	8.9658	5.01934	5.97549	3.41928	5.99656	3.33345
SGCB	9.85347	9.43445	12.2543	8.27159	8.31462	6.86181
RNF126	21.4788	42.9686	32.5331	47.9452	38.596	38.485
C1orf141	0	0	0	0	0	0
HPVC1	0.281491	0.0829588	0	0	0	0
LOC10065274	0	0	0	2.86E-254	0	0
C12orf65	9.13524	10.2544	7.7909	11.5068	10.264	7.46405
MIR3914-1	0	0	0	0	0	0
F2RL2	2.68566	1.55746	2.31725	2.25063	3.51299	2.4654
SYNE1	3.2073	2.85357	5.17664	2.76989	5.04189	4.26094
PROM1	7.03647	1.38939	1.07833	2.78345	4.14974	3.75642
LOC10050665	0	0.0341017	0.0291982	0	0.0491317	0.0721068
CYFIP2	2.37922	1.93477	2.49027	3.47503	3.87237	6.54397
RTP3	0	0	0	0.719113	0.195108	0
OR8G5	0	0.197436	0	0	0	0
TUBA3E	0.03481	0.0307768	0.105405	0.266936	0	0.0976145
LOC644961	9.08605	9.80737	10.8618	9.98915	9.33147	10.3804
C11orf58	46.9302	38.221	41.7969	38.406	36.274	34.2387
HTR1E	0	0	0	0	0.096167	0.0313637
DNAJB7	0.281911	0.116507	0.0340808	0.0828736	0.161444	0.111761
LOC645359	0	0	0	0	0.0603749	0
KHDRBS1	54.7593	57.4305	58.0795	53.0315	54.321	47.3681
SP2	9.96847	8.92613	10.3429	11.2742	11.1563	9.12935
BTBD1	22.8159	20.9167	20.7605	18.0807	16.7589	16.0303
NPY5R	1.24666	0.450906	1.45848	1.01096	0.72182	0.812175
RAB2B	13.6977	15.202	13.9463	15.7215	17.2967	11.442
MIR4287	0	0	0	0	0	0
LOC202781	8.39117	14.4808	10.4284	12.514	14.547	10.5419
DGAT2L6	191.75	182.972	159.173	140.578	94.212	141.245
ZFP3	4.88375	4.02776	4.90988	4.187	5.22512	4.85973
METTL2B	8.44244	7.83754	9.19593	8.27964	9.2107	7.86223
SLC4A5	1.62502	1.70276	2.1658	2.10504	2.37646	1.51737
C20orf108	50.5012	48.6144	46.5049	48.4647	45.5473	46.9096
LOC440173	0.614692	0.317025	0.620434	0.913878	0.587251	0.638417
LOC10050573	0	0	0	0	0	0

LOC10013016	0	0	0	0	0	0
BMP15	0	0	0	0	0	0
ARSF	4.22836	2.40379	2.32476	2.97811	3.46231	5.52019
NAV3	0.986272	0.78651	1.39075	0.871618	1.07773	1.03639
EMG1	24.8529	29.4355	19.9557	20.9087	19.7406	20.3439
CGN	8.94947	4.97456	9.07594	7.49925	11.3518	10.6832
MDM4	13.6051	16.0423	15.0948	18.1292	18.5941	15.4943
LOC10065301	0.220987	0.597384	0.662302	0.225674	1.61E-82	1.13E-53
MIR591	0	0	0	0	0	0
PARP15	1.47534	1.16454	1.38842	0.358243	1.84973	0.733011
NEURL1B	11.6344	14.9298	13.8642	13.2436	15.834	15.4644
MTAP	7.21379	5.58073	6.35124	5.33792	5.00651	5.11832
FAU	485.362	745.965	531.778	801.236	603.461	579.46
MAP3K15	0.0678078	0.0585093	0.0697195	0	0	0
SLC34A3	0	0.227878	0.332352	0.370587	0.372435	0.299407
C18orf19	4.00781	4.15344	3.55621	3.2257	3.31104	3.49795
FIBP	32.6045	41.1346	33.5343	41.8357	34.971	38.9992
BAZ1A	13.7819	13.4163	12.5854	11.8021	14.0109	11.9136
SNAR-C2	0	0	0	0	0	0
SNRPA	35.7512	56.1232	35.6077	44.1063	45.1247	38.0119
SYT4	0	0	0.0179972	0	0	0
LOC10028771	0	0	0	0	0	0
LOC10012809	0.0796135	0	0	3.25E-11	0	0
FOXD4L3	0.127943	0.0586412	0.101818	0.0999599	0.0616782	0.109141
LIN54	3.78142	3.54047	3.9704	2.86024	3.56131	3.79714
PSMC4	59.7316	61.8356	48.4797	55.0222	45.7485	55.315
SNORD127	0	0	0	0	0	0
F11R	42.7659	38.3059	43.12	42.0714	46.8863	48.0546
LOC286189	0	0.248638	0.211765	0	0.311088	0.601112
ELL	7.04352	8.92385	8.22702	10.0911	10.6679	9.50244
NSUN2	47.0655	33.2295	36.2725	39.0685	32.7023	30.9735
SNORD114-20	0	0	0	0	0	0
ABCC8	0.271211	0.308299	0.102654	0.0727609	0.123383	0.0482878
TRIM10	0.56153	1.04839	0.0943581	0.263342	0.213101	1.00783
ZNF75A	7.43242	9.10101	8.19479	9.61211	10.5882	9.05824
LOC145757	0.892732	0.986622	0.168951	0.419131	0.42644	0.278156
NOS2	0.0924763	0.0613213	0.507537	0.499294	0.0588987	0.0720341
MICA	25.9867	37.4706	32.6344	39.6053	27.4001	20.0248
RMI2	10.8388	10.9233	7.40175	10.3198	5.5516	7.55724
GBP6	2.26112	1.63088	0.645635	0.856714	0.783225	0.741598
MYOD1	0	0	0	0	0	0.0722658
IQGAP1	50.7204	34.4405	50.7581	41.3829	43.8227	42.0465
AAGAB	23.2498	21.5481	17.7595	16.3322	18.7611	18.4654

ELMOD1	11.5701	5.00959	13.4357	10.8004	16.0418	13.5851
NRG2	4.8301	4.60467	3.45475	5.26303	2.22008	3.83217
EIF3I	133.926	133.85	121.064	141.062	112.381	119.143
LOC10012850	0	0	0	0	0.0338074	0
PHOSPHO1	0.609661	0.627376	0.396319	0.711409	0.420095	0.287067
KRT5	1758.01	2619.7	1818.59	2996.81	2120.5	2751.01
SLC35B1	52.2441	51.9018	43.9354	46.559	39.264	42.1456
FBXO46	10.8056	12.7872	9.58939	12.4566	12.9385	14.5032
ZNF703	8.80656	12.6994	12.8341	15.7425	15.2071	14.38
AGGF1	11.1737	8.6822	9.77613	7.76806	9.63477	9.06526
DCTN4	22.1874	18.6614	21.0733	18.2619	19.8947	19.2127
SPANXB1	0	0	0	0	0.0769881	0
CARTPT	0.131739	0	0	0	0	0
LOC10050656	7.80327	6.10612	7.95189	6.48491	6.88146	5.98633
LOC729296	0	0	0	0	0.171616	0.167912
IFIT2	6.46986	3.68085	3.23675	1.47915	3.58321	1.99834
ARFGAP1	29.9443	48.451	29.1347	33.6836	37.5818	34.8951
TONSL	2.91827	5.69153	3.96347	5.41998	5.52133	5.78993
NOL4	0.32824	0.0286625	0.0981646	0.308212	0.148663	0.107744
CD9	295.978	260.303	258.653	316.396	246.362	273.423
C11orf68	23.3636	35.8793	27.1976	34.7184	33.5586	29.1368
OR2AT4	0	0	0	0	0	0
WDR96	0.268749	0.269293	0.189882	0.151411	0.319514	0.200968
DHX32	16.881	13.4568	15.3285	15.2146	15.0776	17.1436
LOC10050756	0	0	0	0	0	0
MIR378F	0	0	0	0	0	0
PRKCZ	10.3679	14.7418	11.4484	18.8531	16.7436	18.4414
SNORA16B	0	0	37.3114	0	0	0
HIATL2	5.97578	3.52227	5.7459	6.67509	5.69085	6.33942
C19orf68	2.84874	2.35791	2.89064	2.50418	2.74087	2.07738
ERI2	8.48142	7.42457	8.15105	5.12837	7.53434	6.54523
ZNF133	16.4106	24.6598	17.2068	19.4707	21.0826	20.4572
LOC10050920	2.76583	3.63501	3.28209	4.00089	3.18987	2.84152
DIRC2	7.71339	7.57744	7.60647	6.46575	7.20906	10.7551
LNP1	1.15492	1.06416	1.08536	0.908688	1.03525	1.09393
MEI1	0.17037	0.215784	0.221093	0.274243	0.635557	0.182001
UBE2F	15.618	15.7114	13.0211	12.2076	10.9313	13.301
AXDND1	0.996165	0.975962	0.957914	0.834261	0.58302	0.40266
CAV2	63.3544	53.3437	65.4218	48.2125	41.9155	31.5703
RBM23	30.3786	29.8978	23.3019	29.4854	29.0432	27.1503
SKAP1	3.66344	4.50192	1.79737	1.65738	3.80222	2.07507
BCAT2	80.0668	119.958	101.284	121.193	64.296	90.6592
CTNNA1	10.3844	14.9606	12.1204	13.1305	9.35428	7.01251

NPY	0	0	0.202206	0.250815	0.170126	0
MAFB	32.3676	28.9544	36.332	40.3584	32.8087	30.511
TRIM13	9.05667	8.01032	7.79027	7.64263	8.83691	7.72345
PHF8	9.75091	8.55165	10.5184	8.85719	11.2418	9.01779
ANGPTL2	26.5227	33.0483	38.8449	25.3174	27.028	19.3196
OOEP	0.993384	0.351315	0	0.186554	0.253077	0
PDILT	0	0	0.0365265	0	0	0
GPRIN2	6.65501	8.06505	12.5947	8.94246	9.82919	6.89995
KPNA7	0	0.166452	0	0	0.0399689	0.0782123
RAB3GAP1	21.287	16.635	18.4461	16.9485	18.9601	16.6151
FEM1A	16.3228	17.2415	21.2677	23.8975	20.8246	22.007
SLC6A10P	0.0855739	0.0703442	0.128846	0.694175	0.0648625	0.0926595
LOC1005064	0	0	0	0	0	0
FLYWCH2	17.5214	27.0359	22.0112	23.8022	21.4849	18.8223
ROR2	1.73507	2.08041	1.81725	2.3657	3.08816	2.16245
OSBPL9	24.3612	22.1998	23.6772	19.7841	24.8685	23.9095
PPARG	40.7947	36.0466	50.5362	27.7732	26.7339	22.6038
OR1J4	0	0	0	0	0	0.0790473
ADH4	0.209075	0.0924257	0.435246	0.441717	0.0665807	0.0977152
KLHL13	5.46284	1.86408	1.33002	1.74042	1.58737	1.41217
LOC1005074	0.828192	0.300404	0.369737	0.498499	0.825033	0.820512
LOC728723	2.68638	1.23155	1.50638	2.89617	1.01391	0.558013
HADH	96.9535	87.8281	90.0862	74.8598	72.1361	69.5379
FLJ45139	0.127865	0.02261	0.0193588	0.0240126	0	0
KLHDC4	9.06931	11.5918	11.1386	14.7688	13.6443	12.8228
F10	12.9885	13.0271	11.2068	6.81927	15.2551	9.70396
LOC1001280	0.114156	0.10093	0	0.321581	0.363572	0.497996
MAGEA2B	0	0	0	0	0	0
ZAP70	6.34894	9.65575	5.69113	3.53231	11.964	5.09295
KIAA0391	11.7059	8.88569	10.3481	11.1363	10.1778	10.342
MIR611	0	0	0	0	0	0
ARHGAP19-SI	1.05E-159	0	2.98E-129	0	0	0
COQ6	17.0973	17.307	13.2943	14.1303	15.5147	15.2
ZAR1L	0	0	0	0.0975258	0	0
MAP3K4	9.28969	8.34362	9.07402	9.51205	10.6263	9.90018
BRAF	1.78988	1.28391	2.45425	2.02949	1.76375	1.87299
SEPHS1P1	0.566351	0.292093	0.66096	0.443162	0.526038	0.529389
MIR494	0	0	0	0	0	0
CNR2	0	0	0.0447659	0	0.150655	0.0368507
FAM168B	31.1598	29.1368	32.0115	31.2948	29.9329	28.7108
LOC1002873	0	0	0	0	0	0
DGCR8	18.1101	22.6741	17.445	20.9846	21.8712	18.8761
PIK3R6	1.69831	1.96355	2.52181	1.74802	5.17949	3.29705

REST	7.97524	5.74039	7.94889	5.43144	7.65777	7.05117
LGALS13	0	0	0	0	0	0
ST13P4	27.1278	25.2812	27.8521	28.6645	21.7777	20.8923
CDCA7L	9.82365	14.2244	12.521	15.1776	14.0593	11.8196
NDP	0.309407	0.729489	1.09304	1.16211	1.44513	1.79955
PRPF31	26.3473	36.3174	29.3947	29.7498	33.8826	32.2941
BRD7P3	0	0	0	0	0	0.0254504
RBL1	1.52488	1.06664	1.70546	1.15417	1.56421	1.29049
ZNF808	2.3544	1.3614	2.95538	1.3248	2.02473	1.7395
TAC3	0.648174	0.942195	0.65423	1.27067	1.42127	1.25911
DUSP3	24.4899	22.3623	22.1145	22.7517	21.4337	17.6157
TSGA10IP	0	0.107958	0.138651	0	0.233308	0.0760908
SBNO2	23.7709	33.5344	23.2272	22.616	32.0888	23.285
MAP2K4	13.3641	12.0238	13.1655	13.4081	12.8591	12.9074
DENND5A	12.3545	12.3657	11.7346	9.01056	10.5657	7.74719
WDR46	20.9602	30.419	22.7925	25.5292	24.0416	22.5694
DISC2	0	0	0.0386553	0.0236508	0	0
NDUFAF2	28.3531	24.9063	24.233	21.642	16.5437	19.7203
GOLGA8IP	0.387162	0.0597964	0.185005	0.12094	0.0844366	0.0907318
MIR4706	0	0	0	0	0	0
PTGR1	44.5527	39.586	38.0446	31.6405	32.086	34.8525
CDCP2	0	0.0325247	0.027848	0	0.0468597	0.0229241
ABCG5	0.0365394	0.193835	0.055321	0.0343099	0.0930885	0.0455396
MIR24-1	0	0	0	0	0	0
CT45A5	0	0	0	0	0	0
ARMCX5	6.28279	6.9962	7.68893	6.339	8.0041	6.011
CDK20	3.74825	5.3455	4.34068	5.16818	6.13016	4.76098
C2orf51	0	0	0	0	0	0
KCNJ13	0.263529	0.595544	0.331724	0.907733	0.801756	0.65295
RGS2	22.1866	16.4544	30.5762	52.4256	33.9035	22.3339
RNF112	3.39906	2.76157	2.13267	2.09902	3.45211	2.11815
PDLIM7	39.0262	60.6124	34.6347	52.6924	49.9592	60.9541
HYDIN	0.0738621	0.181072	0.179196	0.308495	0.246683	0.261585
GUSBP1	5.84278	6.10909	5.35877	4.32204	6.91616	5.40768
FAM83B	6.68854	4.33847	8.91986	4.84239	6.17099	5.80406
MSMB	10.7371	9.64337	67.5655	22.0011	54.411	29.5748
DOT1L	8.63822	10.8686	10.157	11.4228	12.0371	10.7978
ARSA	14.2554	20.7594	15.423	18.0027	21.3132	17.5224
BFSP2	0	0.231213	0	0	0.124919	0
KIAA0586	2.78049	2.01826	2.93639	2.28851	2.98431	2.47068
CRISP1	0	0	0	0	0	0
DGCR10	0.518081	1.25965	1.07852	0.851322	0.577445	0.403558
CHSY1	9.04599	8.50599	9.28087	8.77384	9.35387	7.54705

POLE4	54.0486	61.3428	48.6048	53.8103	41.2598	41.3247
RGS7BP	0.383806	0.226225	0.755413	0.360388	0.162966	0.255117
UBE2V1	74.7657	80.0082	69.8478	82.8866	63.4047	64.3298
TCL1A	0.0784172	0	0.0593623	0	0.555066	0.195491
MIR1285-1	0	0	0	0	0	0
PRKCI	9.56491	9.19054	10.0681	10.4101	11.6678	11.7854
RACGAP1P	0.143098	0.158148	0.270814	0.268733	0.364939	0.28981
PRIM1	5.40003	4.05494	3.47188	3.88973	5.22964	4.28701
ARPC5	95.0314	97.5373	86.7099	91.4512	82.1383	71.4799
CD83	8.03168	6.99297	6.26519	8.19238	9.48001	4.67565
LOC10028836	298.922	320.86	247.646	307.222	296.722	301.955
HELB	0.175576	0.206978	0.575953	0.137386	0.521852	0.164118
PLS1	2.00902	0.865264	1.20079	1.76238	1.0776	1.1696
ESYT2	25.331	24.1531	28.7615	28.7447	27.245	23.3824
CRYGC	0	0	0.168543	0	0	0.138743
OR4N2	0	0	0	0	0	0
GAGE12I	0	0	0	0	0	0
LIN28A	0	0	0	0	0	0.0151348
ATP6V0E2	9.80549	10.0224	12.8427	15.5832	11.281	15.0538
LOC285758	0.545714	0.67548	0.413108	0.409933	0.532938	0.317395
TPRG1L	45.1917	50.2026	49.927	59.8152	46.1747	44.9702
PCDHA12	0.0127944	1.36E-14	1.11E-21	0.0516873	0.0292631	1.72E-22
LINC00479	0.0507455	0.0897319	0.192073	0.142948	0.323201	0.189735
FAM108C1	20.9464	16.3139	16.345	17.8106	18.217	17.4218
LINC00341	17.8162	22.5341	24.9669	18.422	21.3661	14.4726
CMPK1	98.9157	76.4513	85.356	67.2688	65.8188	60.7696
FLNB-AS1	1.66379	0.641957	1.89238	1.45439	1.23183	2.08035
POLH	3.72607	4.18015	3.34048	3.4353	4.90404	4.34222
NPLOC4	37.1644	42.7864	40.8256	44.2968	37.5789	38.1617
NDUFV1	115.636	148.241	110.141	147	126.842	119.653
MADD	12.3516	13.157	14.9447	13.5814	17.2998	13.7396
HSF5	0.0474141	0.0419206	0.0179464	0.0222606	0.105694	0
ZNF25	8.80478	7.04324	8.90686	6.76659	7.57722	6.23793
SEMA3C	20.9883	15.3815	26.4522	25.6829	20.5135	20.1867
C20orf166	0	0	0	0	0.116907	0
FLJ45964	0	0	0	0	0	0
C7orf41	25.5934	29.4616	32.1492	28.0397	22.3254	19.7005
RSBN1L	5.96435	4.51107	5.31418	5.12893	6.75828	4.46662
ABCA12	11.5483	6.68598	10.6678	8.52113	12.6048	13.3922
DIP2A	9.40669	10.7296	11.7649	10.8609	13.0797	12.3548
SNURF	50.2328	38.758	45.7035	48.5684	41.4935	42.476
MACC1	3.3633	2.07971	2.85844	2.34435	2.60207	2.43018
LOC10012925	11.4304	17.6201	11.6072	14.105	14.3608	9.96214

LOC1001304!	0.0610526	0.0539788	0.0924343	0	0.116654	0.0380454
RPL17-C18OF	7.11E-05	2.15E-13	3.12E-13	2.26E-12	1.4588	1.12E-15
DLC1	7.73254	7.23304	8.41107	5.45769	7.26981	5.46855
GPR45	0	0.216058	0.0462477	0.114731	0	0
FAM86A	8.93603	10.9787	6.66217	8.61093	6.94062	6.04037
TSPAN19	0	0	0	0	0	0
OR10G4	0	0	0	0	0	0
FAM76A	9.27126	11.5521	8.17275	9.1205	8.07148	7.40505
GALNT12	1.72076	1.61849	2.74382	1.4095	2.21524	1.93927
HCRT	0	0	0	0	0.324294	0
VCAN	9.02565	6.02486	9.90279	8.23017	10.094	9.95973
CDH26	1.41782	1.34833	0.496283	1.42045	1.50714	1.6691
MOCS1	16.2379	20.0487	13.5936	11.1086	12.8324	12.34
HAUS1	9.2243	11.5604	6.69331	7.42445	7.647	7.45332
C17orf106-CI	4.8953	6.74222	6.78967	5.84697	6.82714	7.13706
C21orf15	0.95576	2.9897	1.77251	2.27998	1.4361	0.918369
LRRC23	3.91834	6.92705	2.91677	3.37277	4.24165	4.15009
SNORD45C	0	0	0	0	0	0
LOC441728	0	0	0	0	0.0451385	0.00706627
SAMD3	1.82103	0.740073	0.412537	0.276322	0.657639	0.191025
CLC	0.444217	0.196374	0.168137	0	0	0.138409
MIR19A	0	0	0	0	0	0
2-Sep	106.653	91.0388	105.811	85.5105	102.729	82.7101
ANKRD17	15.8477	11.8678	14.6174	11.9236	14.1149	13.1004
MAMDC4	3.18714	4.99639	3.66972	4.27525	6.75499	6.50904
CSRP2BP	6.57699	8.3661	8.37438	9.45316	7.63285	7.23088
PIP4K2B	18.5312	20.6132	21.3968	20.5414	22.6678	19.3854
ATXN2	7.07392	6.78157	6.58478	5.75408	6.41761	6.34315
PPT2	27.7652	30.6309	25.6632	22.9754	26.6943	28.938
C3orf56	0	0	0	0	0	0
THAP10	1.00716	1.11308	1.29612	1.13484	1.25085	1.28661
SDC3	15.6668	17.1773	15.7751	12.9272	14.4343	12.6577
LOC338758	0.563593	1.20177	0.853286	0.435816	0.802371	0.599118
SMG8	7.01588	4.89288	5.42552	4.74208	6.24043	6.40724
DNAJC2	14.8031	15.4054	12.2982	10.2617	12.6137	13.1447
CDH10	0.028645	0.151957	0.0216844	0	0.0364883	0
CCDC125	5.69713	4.86917	4.66188	4.63624	5.40824	5.78177
MIR518A1	0	0	0	0	0	0
DSG1	132.692	91.7151	200.359	112.871	158.897	163.398
DCAF4	6.66313	7.49453	9.42664	11.1724	10.1903	9.17278
MUC5AC	0.0151018	0	0	0	0.00961842	0
SAR1A	48.1277	43.1249	53.3541	41.5827	48.2697	40.609
LOC10050714	0	0.0889008	0	0.0472079	0	0.0313295



LYPLA1	55.1452	37.6562	50.0943	37.495	43.9153	46.0626
LOC10013051	0.988932	2.88894	2.67885	1.91147	3.24163	2.76514
LTF	10.0591	9.42718	3.01493	2.98515	12.1469	3.53549
LOC10050588	0.221575	0.979515	1.29946	1.01277	1.57944	2.07576
LOC10012801	0.430262	0	0	1.21203	0.274036	0
RASEF	1.59447	0.672827	1.9477	1.08886	1.26941	1.60332
RAB10	64.4318	41.8623	50.96	42.5663	49.5308	50.1527
LOC10050604	0	0	0	0	0	0
SNORA81	55.7577	7.04249	42.2089	44.8762	60.8784	44.6732
C4orf49	0.984775	0.362782	0.18637	0.385287	0.313604	0.562531
PRKAB1	14.0963	16.4931	13.8659	17.1199	14.6229	11.9929
CDKL1	2.01343	2.54307	1.95965	1.44044	1.89301	1.73266
RFPL1	1.00E-07	0	0.0261519	0.0144725	0.10621	0.0519401
OAS1	60.192	47.0116	17.0777	13.7637	22.276	23.1776
TMEM229A	0	0	0	0.222226	0.0251224	0.0737403
OSBPL10	3.71115	3.8987	3.39241	4.16509	3.72561	3.35075
NDUFC1	80.8614	84.604	78.2591	89.1365	61.2468	74.1335
MIR1286	0	0	0	0	0	0
ADH5	24.4612	25.9592	26.6833	21.8987	24.4095	18.3676
NPAS2	10.4468	7.04031	9.94218	10.3886	10.7481	11.1737
SPATA6	3.56441	2.8959	3.41296	2.80418	3.44824	2.90555
KCNIP2	57.0484	85.9314	76.647	40.7143	42.025	15.6727
PCDHB4	0.927068	0.965202	0.963819	1.27839	0.665691	1.07124
LOC10050584	0.407471	0.36026	0	0	0	0
ZNF546	1.28561	1.3789	1.21253	0.791588	1.38259	1.22141
FAM166B	23.2946	24.2826	10.4912	15.3518	4.5174	3.91599
TTYH2	5.07031	5.72033	4.4154	5.92455	6.3375	4.15483
CKAP2	8.01873	7.62902	8.65411	7.85602	9.50182	8.92363
NPFF	7.08959	18.5884	11.659	19.7415	19.1515	14.6249
LOC10028779	0	0	0	0	0	0
LOC10050641	0.698258	0	0	0	0	0.725208
FAM71A	0	0	0	0	0	0
MIR4787	0	0	0	0	0	0
C13orf41	0	0	0	0	0	0
HBG2	3.58384	7.28844	2.08543	3.92999	0.465227	0.0780317
RBM18	12.0171	9.16958	9.72441	8.0502	10.3261	9.2738
MIR548U	0	0	0	0	0	0
MAGEB6	0	0	0	0	0	0
CKMT2	8.68538	4.90676	5.68961	7.33868	4.47185	3.68433
EPN3	15.3116	12.9222	18.0262	23.5733	21.9421	29.616
CREB3L4	16.9865	12.7265	10.9923	12.5523	13.2369	12.5381
WDR77	25.6206	25.1387	20.1671	19.1194	22.1348	20.1351
MANF	74.7691	69.0341	59.4933	62.9112	48.0265	59.0547

CBWD5	14.361	14.1475	10.6411	11.9483	14.3562	12.2917
FBN2	0.974642	0.232897	0.0797632	0.0989377	0.0391467	0.103962
LOC147804	4.14811	4.31565	2.83208	2.47982	5.62001	4.71925
SCPEP1	51.4596	41.2541	57.6457	59.4859	58.3609	58.2864
PRR15L	16.3986	9.54956	7.93769	11.2524	5.92517	6.28856
LOC1001297	1.67614	2.92172	1.99831	2.91918	3.41927	1.89969
LOC1002873	0	0.164844	0.141141	0.17507	0	0
GNL3	54.0489	53.1594	51.5831	45.6009	51.2377	44.0643
ZP1	3.30793	3.52816	2.9016	2.51446	2.10684	3.30472
NUDT10	2.37639	2.1008	0.860259	1.11556	0.98697	1.09467
LOC284804	0	0	0	0	0.0539465	0.158346
ANKAR	0.417307	0.504888	0.731566	0.618702	0.85331	0.739084
PABPN1L	0.084314	0	0.0638262	0.0791695	0.2148	0.105082
MRP63	12.5298	17.7273	13.2045	15.7749	12.6703	13.3413
C11orf82	1.26694	0.998391	0.708884	0.594817	0.947254	1.04695
MIR326	0	0	0	0	0	0
SUV420H1	20.484	15.0291	17.3987	19.0803	17.1983	16.9874
PIGO	12.8333	12.4619	11.085	10.3925	11.9007	11.9521
PLTP	38.438	52.0208	48.8563	41.1107	39.8627	28.892
PAX7	0.0158053	0.0399882	0.0239295	0.079152	0.0100665	0.0590953
NECAB2	0	0.117268	0.301217	0.186814	0.0844763	0.330611
LOC1002889	1.86E-08	0.174979	0.115757	0.287169	0	7.95E-09
POR	51.3504	56.8293	51.3606	44.3774	37.4477	49.5383
ROCK1P1	5.02046	4.17212	4.42354	3.82534	5.29423	4.6158
UNC119B	15.1574	15.2827	14.9697	15.7595	16.1878	15.438
CD274	2.41897	2.30322	0.825036	0.474244	1.65917	0.662594
TAP1	69.9613	75.4171	38.3748	24.302	57.5901	33.6808
NEO1	13.2658	10.9115	16.5845	15.6818	16.445	13.917
BMP6	3.03188	1.90991	4.44226	5.02039	1.92424	2.17609
MIR450A2	0	0	0	0	0	0
PAPPA	0.531943	0.40204	0.870317	0.507543	0.912568	0.9998
LOC388436	0.160355	0.578917	0.495674	0.150571	0.500252	0.0999263
CCDC62	0.202333	0.362396	0.163443	0.227959	0.256339	0.269819
MIR7-2	0	0	0	0	0	0
GPD1L	21.2501	13.5291	15.7415	15.2241	14.6495	13.6906
FAM113A	22.0295	38.7712	29.2033	34.2327	37.0199	35.2541
APOH	0	0	0	0	0	0
SPTBN2	22.2122	19.8198	35.5617	28.9603	34.7302	32.5903
GRIK3	0.450918	0.353369	0.512021	0.307931	0.600493	0.280993
LOC1005074	0	0	0	0	0.460121	0
ZG16B	226.836	115.704	95.5371	287.572	100.307	132.637
LOC648740	0.468298	0.874083	0.748397	1.07488	1.65701	1.26457
CD320	17.6308	28.2598	18.2206	26.0298	15.1374	19.7964

RPAP3	8.10533	5.20313	7.00137	4.39187	5.4613	5.01777
ALX4	2.37223	0.947702	2.4742	2.52448	2.94343	1.99293
ZNF394	10.5641	14.1158	11.3262	12.8819	13.548	12.3321
MIR2861	0	0	0	0	0	0
ARL9	0.742428	1.05025	0.899235	2.23081	0.75657	0.555179
RNU105A	45.6265	67.2334	0	28.5617	19.3732	37.91
MYO1B	13.2288	11.7468	10.1807	8.68771	9.63626	10.4179
DLG2	2.59232	2.91367	4.84673	3.06587	5.46077	3.86364
ERH	83.2366	84.0263	72.6587	77.4191	69.3489	66.0871
TAF6	21.3622	28.2672	21.0565	25.7101	23.6827	23.8856
NR2C2	14.6852	13.1116	15.6804	13.107	16.5221	14.2493
BNC1	5.20418	6.23389	6.08412	7.21173	6.70933	6.9568
ARHGAP30	12.8212	11.4908	13.7042	16.1342	17.9929	9.76512
PHOX2B	0	0.0289782	0	0	0	0
C4orf26	0.0553387	0.048927	0.261831	0.424372	0.187982	0
MIR4658	0	0	0	0	0	0
ADAM12	1.4544	1.4848	1.70514	0.531073	1.10041	0.82861
TMEM186	10.9975	14.155	9.40118	12.1529	12.2933	11.4219
HLA-DRB5	110.886	104.067	88.0803	48.9198	116.362	55.2718
SAAL1	6.23854	5.57769	5.41243	5.33133	5.40198	6.15899
FOXB1	0	0	0.056133	0	0	0
CERS5	19.5933	27.566	22.7131	27.6719	24.7542	23.3548
MAP3K10	4.86965	8.18034	5.55122	7.18156	6.38546	5.46221
DDT	105.946	141.519	96.7882	118.548	76.3148	83.1886
EIF2B3	22.9353	16.831	17.4851	17.2761	13.3442	14.8275
LOC10050719	0	0	0	0	0	0
MLL4	10.9222	13.5806	14.0228	14.4651	17.3162	14.33
LAMC2	10.0113	9.34353	9.54363	9.68384	11.3061	10.6292
SCN4A	1.90868	2.7839	1.2056	0.77625	0.890445	0.409097
LOC388499	2.11004	3.08984	2.39596	2.78619	2.30982	2.67086
OSTCP2	6.87885	4.39948	4.05571	3.58841	4.38118	3.57217
LSM1	32.5244	29.6799	31.3451	31.2758	28.3687	26.6168
UGCG	8.43342	5.67826	11.4915	6.33508	10.6186	8.44899
N4BP2L1	12.4528	13.0392	11.3033	9.86476	17.682	12.5742
HTRA4	0.048684	0.0860867	0.110562	0	0.0930214	0.0303378
ZNF317	10.3244	9.75255	10.3081	10.1038	12.7686	11.0821
PSMD11	48.4873	37.3366	36.9096	34.1783	34.1364	40.4413
RYR3	0.817881	0.834777	1.78003	1.18585	1.06098	1.34163
VRK1	7.81149	9.59226	6.61731	5.76311	6.63358	7.03125
KRTAP9-4	12.2235	3.25279	0	122.177	1.38328	1303.48
RXRA	55.8285	60.843	78.2599	68.2907	80.893	69.4282
EXD1	0.0677409	0	0.0256401	0	0.0674134	0.0211066
ICAM5	0.827624	1.22931	1.35327	1.39883	3.12054	2.33115

SCLT1	3.5111	2.70188	2.8548	2.0758	3.33365	2.67418
CMTM6	59.5874	40.9817	56.3684	38.685	55.9296	56.401
KCNE2	0.470437	0.970505	0.593539	0.294489	0.599248	0.586313
CSTT	0	0	0	0	0	0
CX3CL1	22.6891	21.4474	14.9374	21.9563	22.3103	15.5302
ICOS	0.379676	0.637802	0.574834	0.035651	1.064	0.283918
RAB40C	23.1304	32.406	34.188	43.6073	44.3134	49.7504
CPEB2	11.84	8.98158	14.9692	13.3118	13.7219	14.7585
SEC23A	14.3515	10.7539	15.102	8.14764	11.7985	11.2425
RBM5	71.2854	95.1487	82.9151	86.1195	103.564	93.5678
OR1I1	0	0	0	0	0	0
SLC39A13	22.0857	37.0271	26.1825	31.6549	30.4685	23.1891
KLB	4.98808	2.4068	4.49071	2.0242	1.47322	1.35317
RNU6-42	0	0	0	0	0	0
GATA2	7.01575	11.399	12.8474	9.50101	15.4615	10.6632
UNQ6975	0.104451	0	0.0790699	0	0.0665254	0.130179
KCNMA1	3.29235	1.37182	1.29683	1.32753	1.71106	1.08576
CCL17	9.67798	16.2984	10.6406	10.8184	13.3552	12.6362
MS4A5	0	0	0	0	0	0
DBR1	7.49276	7.119	7.39343	5.74047	6.38665	5.22668
TBC1D21	0	0	0.0703859	0	0	0.0579408
POMGNT1	26.9713	32.2243	25.652	30.6161	27.0286	24.149
THOC7	69.4301	68.8234	66.9093	59.5153	59.7013	60.2244
SNORD114-2	0	0	0	0	0	0
LOC10050604	0	0	0	0	0	0
SLC35G6	0.211764	0	0	0	0.0599438	0.1173
CDY1	0	0	0	0	0	0
SCARA3	9.34739	9.09857	10.6014	9.08853	12.7022	10.1093
TRIM16L	10.0243	11.9094	7.99684	11.6025	10.9069	9.38094
PLAU	12.5493	12.8673	12.6859	13.4635	17.7512	13.7294
ZHX1-C8ORF7	1.43573	1.80673	1.59393	1.85562	2.6459	1.78054
WFDC5	81.3144	75.1425	101.201	117.513	132.156	117.089
FBL	122.04	186.528	147.727	219.371	168.008	154.863
PEAK1	4.58911	3.69174	6.18935	3.88342	5.14155	4.46555
LILRA6	0.34771	0.461135	0.244417	0.0952275	0.427099	0.185724
TRH	0.154272	0.272796	0.116785	0	0.0655047	0.0961361
GADD45B	27.9111	35.5746	22.9347	26.2827	27.0956	27.2045
RNF26	13.3136	15.3246	12.6592	17.5894	15.5877	14.7816
MLNR	0	0.0796387	0	0	0.0573693	0.056131
ZNF775	1.92578	2.57377	1.83075	3.28012	2.59569	3.18156
RPS6KA3	11.2279	9.21949	12.1063	7.5372	11.8715	10.2036
NQO1	27.6861	10.8697	27.1659	19.0208	7.16617	7.2835
LOC400238	0	0	0	0	0	0

RPS10P7	3.81201	4.38024	3.8243	4.17685	4.00433	5.38208
ATAD2B	4.75494	3.96473	5.01912	3.4104	5.72704	5.1164
RAB7A	140.925	126.862	130.78	123.006	122.966	126.279
ADCY8	8.61895	3.86265	2.82193	7.937	1.99617	1.99747
RPL13AP3	0.146653	0	0.166526	0.0344262	0.140106	0.102811
RASA4B	18.5829	25.5619	23.0801	21.1362	19.5612	14.9496
CCDC152	2.85116	2.17821	2.17353	2.34228	3.06294	3.01253
FAM99B	0	0	0	0	0	0
MIR361	0	0	0	0	0	0
LOC145216	0.0501117	0	0.0758696	0	0.0319164	0.0312275
TRAF3IP1	5.68867	5.22467	5.67989	4.51274	4.73192	5.28679
SCT	0.308143	0.272441	0.466532	0.289342	0.981291	0.384044
GATA4	0	0	0	0	0	0.0180069
HEY2	3.71749	2.42358	2.92787	2.92652	3.2765	2.50378
HPYR1	0	0	0	0	0	0
SYNJ2BP-COX	1.30E-07	1.32E-07	2.83E-07	1.58E-07	0.11067	1.29E-07
ESD	86.5705	85.3043	81.9	93.1078	78.1862	68.831
ATP1A2	14.3618	15.2053	24.432	9.81017	9.84128	5.87517
TEX10	7.77877	7.49505	6.27312	7.4532	6.9158	6.86544
EDEM3	8.88644	6.50922	7.80472	5.4683	7.40906	6.96239
MBNL1	43.7484	41.5466	44.3337	31.5751	41.1537	34.6777
CCDC58	6.78161	8.75073	6.52121	7.91676	7.35439	5.93926
HK2	23.6786	14.0081	24.2214	14.6378	13.6541	17.5227
SPTAN1	37.2807	35.7941	54.2048	49.5511	48.169	51.7365
OR5T1	0	0	0	0	0	0
LOC442132	0	0	0	0	0	0.0309918
POTEF	1.17296	1.06481	1.15906	0.983744	1.04788	1.48418
MIR3929	0	0	0	0	0	0
SMYD5	16.5143	16.8899	14.194	19.5583	18.188	13.8355
LOC1005063	6.12245	9.13457	10.3316	11.8571	14.0002	18.3609
MYCNOS	0	0	0	0.155992	0	0.414097
WWP1	13.1777	10.4565	14.1561	10.3485	10.0837	9.52629
DNAJC4	37.1686	56.5759	41.854	62.727	47.9666	41.2629
OR9G1	0	0	0	0	0	0
MIR1245B	0	0	0	0	0	0
ZNF235	1.89181	2.13876	1.71384	2.09671	2.72585	2.20318
PMP22	81.9407	83.6579	91.6586	67.5753	75.1371	56.6616
SEMG1	0	0	0	0	0	0
HIRIP3	8.76012	11.9389	9.57518	10.5127	12.6012	11.1842
LRP10	79.8089	72.2542	85.3456	84.5527	82.2154	95.6618
LACRT	0.94333	0	0.476071	0.590515	0	0.391895
RASSF10	6.09098	6.5416	6.4779	6.63162	6.52116	5.51881
PRKAA1	20.6563	16.2824	23.115	15.4423	19.5783	13.6958

OR2A25	0	0	0.0972287	0	0	0
GTF2A2	24.3609	23.1493	18.7478	21.924	17.7505	18.5448
RPSAP9	44.7791	60.4958	46.1347	68.2082	52.7716	48.7075
LOC729900	0.367179	0.144283	0	0.0766167	0	0.101693
MIR3927	0	0	0	0	0	0
RAET1L	1.20677	1.76043	2.0613	1.33206	2.63629	3.23021
LILRA3	0.426674	0	0.0502752	0.0751197	0.0509531	0.0498532
ADAD2	0.865033	1.06712	1.09615	0.650478	1.33078	1.309
FAM66C	0.289414	0.393572	0.667976	0.852885	0.812157	0.669303
STX17	14.9031	11.3968	11.9184	9.46297	13.8647	13.9004
BLVRA	39.4054	40.8658	33.216	34.1007	32.423	27.6748
EBF2	1.01918	0.548494	0.57026	0.58252	0.423342	0.193295
KC6	0	0.272236	1.49178	0.462598	0.156888	0.460505
C16orf13	37.2566	72.4649	45.5696	76.7186	61.2055	68.4628
C7orf36	9.27755	14.541	12.1309	10.1634	12.6236	10.6868
RHBDD3	13.1441	17.6727	11.983	15.0152	14.5827	14.2301
PPFIA2	0.481355	0.624772	0.872096	0.455694	0.639853	0.434964
ALKBH8	3.54508	3.43082	3.53588	2.54156	3.90552	2.7465
CH25H	1.50696	1.68298	0.720491	0.744744	1.26288	0.69195
AP1S3	2.33897	1.46481	1.62306	1.99036	1.38108	1.42718
BCL6B	6.68998	5.96415	6.16163	3.21941	4.04784	4.25576
C10orf53	0	0	0	0	0	0
VIP	0.551466	1.61183	0.566771	0.641998	0.691225	0.884006
ABCA13	0.358904	0.125005	0.670998	0.255307	0.408688	0.335481
LOC10050628	0.0428883	8.70347	0.00011667	4.24045	0.981036	1.54048
USP44	0.446	0.290602	0.248816	0.281238	0.28406	0.168539
LOC1002885	0	0	0	0	0	0
CBFB	21.7	20.3785	18.5836	19.6944	19.4733	17.519
C1orf129	0	0	0	0	0	0
CRBN	19.2211	20.3929	22.7222	15.5325	23.3711	19.0434
CWC27	10.1407	7.30384	9.81105	8.08207	7.93946	10.4191
LOC285419	0.265576	0.234805	1.80938	0.498743	1.52232	0.661982
SNORD116-2	0	0	0	0	0	0
LOC1001289	1.28934	1.66424	1.69268	1.85356	2.05263	2.90538
PPP5C	24.6539	27.3782	24.8611	24.6958	27.0054	24.4273
XDH	1.62674	1.49757	2.05665	2.2361	2.01875	2.15283
EFCAB4B	1.68154	0.320125	1.38117	0.907966	1.11651	0.936505
VAV3	41.432	34.3445	45.6117	41.7174	52.6726	42.4535
LOC1005068	0	0	0	0	0	0
MCMBP	16.3635	14.9336	16.3255	13.5861	15.7644	13.7103
GLT1D1	0.846776	1.30203	1.89517	2.03963	1.24277	1.58303
C18orf62	0	0	0	0	0	0
EVI5	3.70992	3.49572	3.98428	3.44739	4.12071	3.31981

LOC1005062	0.257235	0.682494	0.779226	0.484094	0.491333	0.323676
MAP2	10.5364	6.35004	9.90616	7.9025	10.6975	10.192
CYP7B1	2.58157	1.49669	2.91537	1.07294	1.69812	1.76696
HMG5	3.86212	3.63599	4.27583	2.40254	5.0426	4.72317
KDM1B	8.42001	6.86494	8.58772	7.21981	7.67484	8.24753
PRAMEF2	0	0	0	0	0	0
MIR943	0	0	0	0	0	0
C19orf40	1.77182	2.78494	1.63934	1.01671	1.94349	1.8402
CLP1	7.63698	8.21079	8.04442	9.0171	8.52356	7.43736
PROSER1	12.086	10.7205	12.3481	11.6053	14.3219	12.7219
LPAR4	0.535512	0.202914	0.347474	0.0718339	0.341071	0.333709
HECW2	1.85618	1.2278	1.34269	1.40725	1.26102	0.942488
METTL21B	7.23713	7.38248	6.5457	7.0385	7.84761	5.95068
CHMP1B	35.0894	27.8699	34.1979	35.3845	31.9945	31.5666
KCNV2	0.236921	0.041894	0.14348	0.0889858	0.0905376	0.0590555
TGM6	0.266514	0.0785449	0.168127	1.37639	0.226326	3.65376
ZNF787	11.5789	18.7128	12.8013	20.1265	17.2875	14.2967
FUZ	7.19061	11.9951	9.56577	10.8157	10.9627	11.4398
LOC1006527	0	0.760231	0	0	0	0
FBXL4	4.96962	3.50233	4.60713	2.73897	4.24318	4.21891
LOC643719	263.245	182.42	212.92	202.458	133.483	113.237
LMOD3	0.0712677	0.0630104	0.125883	0.0669192	0.0605211	0.103626
C17orf105	0	0	0	0	0	0
ZNF614	2.70955	1.66413	2.14509	1.8062	2.84547	1.8947
C9orf170	0.173323	0.102161	0.0218677	0.135623	0.0367968	0.0360025
C20orf72	23.3176	30.433	26.3128	29.3291	32.7769	28.8504
RBBP9	12.552	10.4936	9.57855	9.52869	9.41279	8.43689
LOC1005064	134.409	134.638	139.997	128.031	148.609	131.149
TMEM52	4.09595	7.79146	2.81878	3.96258	3.87357	3.09385
LOC728875	4.01416	5.36964	4.89519	5.53923	4.55539	4.28568
PRKACB	11.0188	7.22515	8.65161	5.76948	6.48618	5.43221
LOC1006529	3.09E-07	1.18E-06	0.649832	1.05E-06	1.71E-06	0.634075
STL	0.197851	0.302148	0.367628	0.354669	0.229114	0.392294
DGCR5	0.849769	1.39306	1.21955	1.74545	1.05989	0.650893
HBM	0.312315	0.276129	0	0.879776	0.198915	0.194621
CDIPT	43.9856	52.2129	47.1046	54.4599	55.6752	53.2606
UCK1	19.0585	26.3614	17.9151	22.6774	23.8312	21.8595
ZNF432	5.04734	4.28957	8.88573	5.76807	5.9808	4.36439
ZBTB32	0.528678	0.0934847	0.240127	0.148926	0.336718	0.164725
NFKB2	19.807	31.1092	17.3629	16.7125	29.8598	18.66
PTCHD3	0.558428	0.423195	0.271757	0.224724	0.0508095	0.149138
LOC1006529	0.403351	0.662289	0.305339	0.324634	0.183497	0.251351
LOC283710	0.225492	0.199366	0.426747	0.105867	0.287234	0.421551

TROAP	4.08436	8.41233	3.50942	8.07569	6.03415	7.24379
LOC10065284	1.52913	2.3352	1.64883	1.21828	1.5643	1.09746
POLR2J3	48.4337	69.9924	49.797	68.7252	21.3561	20.5812
RGL2	47.3982	58.4201	51.3045	55.3186	65.1082	69.2574
PCP2	6.99231	10.3429	3.72293	8.71941	10.5677	13.8552
NOL11	13.3507	13.9169	13.7561	11.414	13.6207	11.6834
LOC10050596	0	0	0	0	0	0
PTPRQ	0.336809	0.496309	0.151091	0.269405	0.572041	0.528599
NKPD1	6.04538	6.56716	8.41867	10.7331	13.1542	14.5675
TOX3	0.890208	0.618915	0.673893	0.716851	0.546788	0.534952
LOC10028934	1.94861	3.54413	2.57091	2.45705	2.34033	2.01226
SIAH2	18.6824	17.5014	18.2083	18.1548	16.5656	17.236
SDIM1	0	0	0	0	0	0
FLJ26484	0.270023	0.477475	0.37475	0.591611	0.171979	0.392623
LOC153684	0.496253	0.717963	0.580575	0.593057	0.890732	0.421696
LOC729950	0.17523	0.271123	0.066325	0.123404	0.167407	0.0545979
SYNPO	18.3623	21.5441	22.679	14.6629	17.6089	13.1569
MIR4679-2	0	0	0	0	0	0
SLFN12L	0.11888	0.105107	0.494962	0.16744	0.530009	0.0740812
CDH6	0.806126	1.08373	0.560085	0.902106	0.632991	0.543632
MIR612	0	0	0	0	0	0
WDR90	4.41778	8.31731	7.27873	8.29645	8.19837	6.20769
TOP2A	6.41467	6.34907	4.89378	4.99071	5.12549	6.39576
LOC10050562	2.33018	2.6941	2.53286	2.58072	2.77793	2.23395
GSTA4	74.6281	83.6055	63.7081	67.4593	96.9752	96.1241
STMN1	53.2769	67.1586	43.3952	62.1456	59.2709	70.9216
ISCA1	22.9477	22.9789	19.7528	18.7391	18.7538	20.727
SMTN	17.5069	24.7653	19.9735	26.1562	23.1283	28.4465
TULP4	5.58538	5.41412	6.36676	5.76975	6.11542	5.60735
C14orf135	9.97888	8.8227	9.63989	7.52864	10.6717	9.04919
MAPK8IP1	3.20928	2.6464	2.00898	2.66577	2.57464	2.49984
TNFRSF13C	1.2826	2.15459	1.65059	2.76999	2.61407	1.75838
SNRPB2	22.893	18.79	16.6274	14.5371	17.1768	14.0766
NOTCH1	15.9447	17.4936	20.7172	19.7812	22.9837	23.2159
SAMD5	2.91512	1.62922	1.53216	4.02788	2.27994	4.45204
LOC10050668	7.89625	18.259	12.8746	19.3917	14.7006	8.32719
ORMDL1	34.6967	38.6579	33.3599	32.5425	49.4954	39.2884
SPAG9	18.5122	15.4494	19.1619	15.7724	15.5404	14.3681
CAMKMT	5.99811	4.93741	4.33184	5.82634	4.34716	3.52295
SLCO1B1	0.60982	0	0	0	0	0.0223538
C20orf202	0.464892	0.176155	0.653577	0.68597	0.549886	0.0827718
B4GALNT3	8.07288	6.37822	8.45168	11.8006	12.763	12.7373
C6orf164	1.85455	1.33604	2.02787	1.03194	2.4061	1.92613



KRT42P	0.731415	0.985403	0.738246	0.621378	1.10915	0.651124
LOC10050593	0.904005	1.46532	1.48273	1.83917	0.863649	1.12668
MED24	21.1095	25.8361	20.672	23.491	25.7079	22.693
ZNF415	5.4364	5.6956	3.93446	4.52725	5.43014	5.04264
ATP8A2	0.19259	0.0681105	0.0874751	0.144671	0.0858633	0.192023
LOC10013007	1.31016	0.723975	0.371924	1.53777	1.14736	1.42876
GHR	12.3732	13.8277	17.5406	8.04855	8.90405	8.49001
RAB40A	0.326228	0.28843	0.373521	0.387689	0.365773	0.35576
KRTAP13-4	0	0	0	0	0.21892	0
MIR4479	0	0	0	0	0	0
LOC286177	0	0.02962	0	0	0	0
LOC10050566	0.254968	0.25763	0.386024	0.273612	0.185589	0.385864
MIR4714	0	0	0	0	0	0
SPIN2A	2.00522	2.36385	2.21369	2.51049	3.4589	2.65533
C6orf208	0.0784863	0.138785	0.161821	0.0368487	0.0249942	0.0661007
COX7A1	23.7664	30.6995	39.5553	35.1364	15.3517	13.8651
C14orf2	158.436	211.827	153.813	214.166	123.555	137.234
C10orf68	0.232128	0.256374	0.436554	0.43593	0.483568	0.34237
TOP1P2	0	0	0	0	0	0
MIR4302	0	0	0	0	0	0
GRAMD3	20.0674	16.2436	19.0032	19.8093	25.8331	24.9853
IQCB1	14.7873	16.2587	12.7745	13.9905	13.5316	13.6679
LOC10050635	0.169919	0.100154	0.150067	0.159551	0.144296	0.176477
THAP8	2.69308	3.29294	3.2532	4.51948	4.16036	4.46333
LOC10065286	0	0	0	0	0	0.0455459
PTHLH	1.83042	2.8333	1.85883	1.91413	1.52622	2.75104
MEF2D	12.2452	12.1528	14.4045	12.876	16.5016	14.0523
PDP1	7.00298	5.78464	6.55167	5.51464	5.40677	5.07332
LOC644192	0.707177	0.416827	1.42756	0	0.750675	0.881365
PMEL	14.703	44.7385	16.5912	43.7679	31.0317	63.2363
RUNX1T1	3.00924	2.98581	4.16098	2.18393	4.20255	2.62827
PPT1	45.4874	43.4988	37.801	39.0697	40.9123	33.0204
EFCAB4A	43.4917	60.7619	39.7257	54.3487	45.2963	43.5187
KIAA0825	0.501671	0.230534	0.59465	0.349684	0.753268	0.540336
FAM75D5	0	0	0	0	0.0063204	0
ZNF709	0.768258	0.905661	0.969293	0.943346	1.44283	1.12935
GPAM	81.2801	15.0679	73.9428	22.5894	28.4296	20.493
IL17F	0	0	0	0	0	0
MIR4273	0	0	0	0	0	0
MVK	58.3925	60.0835	53.9386	60.1566	47.3103	59.5162
CREM	9.36487	9.12279	7.18523	8.11627	6.66855	7.75166
FAM66E	0.269054	0.327706	0.346567	0.238822	0.337369	0.330087
FST	12.4614	17.6662	15.445	26.1185	17.8504	13.5118

PTK6	39.0825	49.4593	48.6021	52.4899	57.9195	55.3467
DOK3	4.72073	5.93665	4.18042	4.2931	6.35712	4.07705
SPTSSA	51.2027	41.4713	46.1394	51.889	29.6466	26.8002
CAMK2N1	27.0816	18.9412	17.5582	33.1756	14.3324	17.8181
PARS2	3.39969	4.43354	2.57359	3.51148	3.49152	3.25726
NOXRED1	0.561831	0.397389	0.46784	0.949592	0.679884	0.490153
CTSL3	0	0	0	0	0	0
NRG1	0.588477	1.625	1.1371	1.12783	1.17324	1.09623
ALOX5	6.19278	6.06813	5.73306	2.62968	11.9331	4.8177
RPL8	1401.89	2336.33	1800.01	2871.53	2059.09	1995.47
ORMDL2	24.645	28.7462	22.8943	26.1401	21.1792	27.3438
SNORA38	0	0	0	0	0	0
ATP7A	6.6587	3.69799	6.71246	4.36727	6.43604	6.22066
PLCL1	0.9959	0.995361	1.18002	0.745397	0.900881	0.656579
LDHB	95.1046	106.64	128.057	86.5332	85.7232	78.6568
UBE4A	21.6898	17.806	23.0463	19.4547	23.0287	21.3882
MIR4778	0	0	0	0	0	0
CNNM1	0.465855	0.312461	0.364816	0.331844	0.450174	0.450468
OR1L3	0	0	0	0	0	0
TFF1	0	0	0	0	0	0
ZWINT	9.24393	12.5026	5.89102	8.49963	10.586	11.0454
LOC284215	0.460556	0.380048	0.3254	0.490115	0.938657	0.478331
TUB	4.76849	4.13122	5.72922	3.79092	5.44887	5.70985
LOC283693	0.253606	0.840836	0.383963	0.297666	0.323047	0.395092
LGALS8	26.2059	25.424	25.4549	21.2434	25.0633	19.7316
ZMPSTE24	27.6259	20.234	20.0575	18.4235	16.5554	20.2671
PAGE1	0	0	0	0	0	0
BET1	12.2867	9.37268	10.6018	8.34076	8.81657	8.38383
C17orf51	2.52952	2.35303	1.81503	1.39584	1.26747	1.16541
WASH7P	41.6853	74.6657	40.2496	59.1116	60.3894	58.1691
LOC10050554	0	0	0	0	0	0
DNASE1L1	7.55169	9.60722	8.79661	8.59122	8.62788	7.67336
MEOX1	8.35722	12.952	9.13003	8.62102	8.46647	5.33239
LOC10065297	0	0	0	0	0	0
KIAA1522	105.552	109.285	99.5517	135.919	119.229	98.4499
KPNA6	16.0749	14.1441	15.0183	14.9973	16.2317	14.6443
RBPM5	28.7646	37.6748	21.6359	24.4682	22.0263	15.5922
KCNQ1DN	0	0	0	0	0	0.0654598
MIR101-1	0	0	0	0	0	0
WDR76	3.23997	3.08177	2.18059	1.95485	2.20461	1.90065
HSF2BP	0.328694	0.339045	0.456175	0.514397	0.244238	0.17069
NCAPD3	5.87179	5.40341	5.85752	3.82571	5.60421	4.92854
PANX3	0	0.0588879	0	0	0	0

LFNG	46.0756	64.4427	55.0676	87.8959	62.8178	53.9499
VTRNA2-1	0	0	0	0	0	0
LOC10050738	0	0	0	0	0	0
AKR1B1	20.585	20.8886	15.701	15.7414	18.4245	14.1396
PKIA	3.05572	3.19284	4.24069	3.45975	4.46413	3.42836
MIR1264	0	0	0	0	0	0
SORCS3	0.166494	0.279687	0.151245	0.312671	0.127249	0.0622514
C12orf74	0	0	0	0	0.0357615	0
ZNF187	7.55056	7.8932	8.44739	8.57691	11.3415	8.48047
LOC10050719	0	0.271619	0	0	0	0
LILRB4	1.67893	0.873385	0.823934	0.333677	0.959459	0.32792
C8orf47	0.90457	0.761136	0.746059	0.648825	0.826917	1.08297
MIR93	0	0	0	0	0	0
DHX33	7.16339	6.2871	6.27783	6.21446	7.25185	5.72538
UGT3A1	0	0	0.0262271	0	0	0.0431801
MIR153-1	0	0	0	0	0	0
LOC10050617	0.374194	0.147039	0.15737	0.234241	0.105923	0.103636
LINC00487	0.625957	0.468289	0.0364502	0.0904252	0	0
SCARNA4	0	0	0	0	0	0
PVRL3-AS1	0	0.159205	0.54525	0.169081	0.344059	0.224421
TDG	12.367	11.742	11.8291	11.927	12.3193	11.37
GALNT3	12.2738	7.93831	11.7782	12.1778	10.2433	10.8511
ZFPL1	20.9534	28.2064	24.0313	30.178	26.0384	25.1819
UNQ6494	0	0.0824335	0	0	0.0296913	0.0581008
DMXL1	6.68611	4.2065	6.5722	4.35675	4.8752	4.73323
FAM84A	16.1401	13.4728	16.3932	17.1026	20.3871	24.8168
DGKK	0	0	0	0	0	0
LOC10050683	2.97871	1.11421	2.94871	2.47423	1.82419	2.21317
AKAP1	36.932	32.7569	31.2501	32.4808	26.7131	25.4164
ID1	88.3664	129.971	124.273	134.883	89.5162	117.293
KDELR2	66.1711	51.1951	59.3075	54.9605	51.2313	48.4082
TMEM203	31.0697	37.8623	31.6895	39.5011	33.1851	31.9548
LOC10050760	0	0	0	0	0	0
TSPAN14	30.2581	29.5964	32.4637	34.4428	30.7207	30.2256
RBM45	5.17079	6.13021	3.91431	5.07598	5.57616	4.94317
TFB2M	9.98266	8.82604	9.15722	7.77454	8.15322	8.41634
ADAMTS3	0.181021	0.305545	0.249152	0.0927141	0.272511	0.338414
ING5	8.46228	12.5406	9.96644	11.5973	12.7017	11.6775
MIR16-2	0	0	0	0	0	0
GREM1	1.98788	0.944645	2.52088	0.886571	3.5767	2.0284
TRIM36	2.71459	0.328477	0.315361	0.447867	0.79339	0.774369
CTDSP2	62.6975	59.5419	68.1627	55.9329	69.4689	60.7417
ATP5EP2	469.53	575.243	441.232	583.901	367.793	410.301

RNF208	10.4854	12.5815	9.9624	16.6773	9.26774	13.3348
MTF1	4.64323	4.04914	4.62015	3.50728	4.22506	3.79534
ZSCAN30	7.31316	6.96828	8.20419	7.68856	7.85041	8.33382
COQ10A	9.6804	11.2411	7.48707	7.25335	9.99058	5.9066
OBFC2B	21.2329	25.3742	18.3696	20.8868	17.2386	17.5935
LOC10050597	0	0	0	0	0	0
TMBIM1	144.441	133.859	141.972	146.994	133.61	129.612
GALNT8	0.0480503	0.169932	0.0363743	0.0451184	0.0306035	0.0598858
ATG9A	24.3416	27.3218	27.4318	29.1701	27.6216	28.5589
CYP4F22	61.5073	65.0458	56.6555	64.7988	43.5925	51.2251
C11orf39	0	0	0.388662	0	0	0
ATPAF1	17.7108	17.3082	16.2346	16.1194	14.1318	13.6451
DMWD	6.98029	7.85947	9.48432	7.36667	9.15755	8.35266
USP19	17.7246	19.8731	21.0672	19.3581	24.7039	20.2622
SRP68	46.2906	47.5238	43.1499	48.099	45.8975	48.0522
TRABD	26.6671	49.6406	31.8272	42.7921	44.0233	35.1611
C8ORFK29	0.931482	1.29416	0.805871	0.999597	1.01703	1.57554
PIK3CB	9.20184	4.76169	10.5536	7.05101	8.09522	6.96158
SHBG	0.432795	0.53146	0.327628	0.481645	0.309525	0.0599324
USP21	12.9049	16.22	15.6492	16.0552	17.7408	17.708
EAF2	1.26022	1.62067	0.953996	1.39848	0.802643	0.928103
MIR4527	0	0	0	0	0	0
RPS4Y1	315.454	410.287	0.614145	0.126964	0	0
LOC10013111	0	0	0.0524652	0	0	0
AIF1	25.6397	27.9843	20.4644	10.7661	29.2566	14.0109
LOC10013110	0	0	0	0	0	0.0354323
KDM2A	29.4124	28.1864	32.719	27.9892	33.0891	27.6473
LOC10028913	156.396	165.401	131.321	171.607	150.206	122.895
MIR345	0	0	0	0	0	0
LTBR	48.1761	63.2663	47.1373	52.2876	53.5824	48.263
HSFY2	0	0.109583	0	0	0	0
GBE1	27.7368	22.4017	25.1382	16.1914	14.1	14.932
SLC10A3	27.8564	30.3056	30.4955	32.3374	29.9909	33.2284
POLQ	0.89419	0.895363	0.717685	0.839631	1.13903	0.980173
C12orf5	2.02647	1.6797	1.51662	1.42712	1.46667	1.24129
SERPINA11	1.24853	0.324669	0.778357	0.551696	2.3856	3.47827
SAMD4A	8.1547	7.27899	7.10639	9.01015	5.27677	4.80891
LOC440600	0.0385063	0	0.116598	0.144627	0.147149	0.119977
HNRNPR	58.3534	46.6729	47.2443	44.1476	45.1875	42.3645
NOP14	15.7399	14.2515	14.5781	15.2315	15.038	12.166
VSIG2	2.23961	2.88018	1.61834	3.5368	2.46382	2.28376
DCAF4L1	0.769419	0.465449	0.398521	0.247162	0.386879	0.492087
SIX1	5.5984	4.58677	5.73545	3.0139	1.35495	0.907057

LOC400553	0.453812	0.225693	1.00914	0.239694	0.523877	0.777691
LOC10050694	0	0	0.262851	0.46882	0.415195	0.103711
TIPARP-AS1	0.198656	0.224413	0.0647869	0.194639	0.328373	0.222807
IFNG	0.648894	0.737629	0.0701738	0	0.354244	0
RASAL2	6.47456	4.19556	5.68957	4.26638	5.9439	7.12494
EPB41L4A-AS	27.3219	44.6475	36.5159	54.406	36.9631	30.5878
PPP1R15A	21.4051	24.1549	43.3927	27.5313	40.0589	36.3833
MIR1322	0	0	0	0	0	0
LRIT1	0	0	0	0	0	0
HTR7	0.367943	0.16802	0.122756	0.261051	0.158161	0.208915
LOC10050686	0.562276	0.248564	0.425646	0.65996	0.268587	0.700773
C4orf17	0.0649181	0	0.0491434	0	0	0
TTC9B	0	0.129819	0.111152	0	0.0935179	0
SLCO2B1	11.7466	10.9346	13.7189	7.06374	16.9173	11.0785
C3orf45	0.884429	0.397086	0.193742	0.428279	0.597337	0.927204
MIR933	0	0	0	0	0	0
ACSM3	46.4228	27.5561	18.2319	14.2946	14.9919	18.0197
NR4A3	0.47742	0.452171	0.37428	2.60621	0.661716	0.403501
CD48	6.36431	8.58344	7.26755	3.44379	11.1298	3.89875
OR10A5	0	0	0	0	0	0
AVPR1B	0.0592114	0	0	0.0555985	0.0377121	0.036898
ARL4C	12.8406	12.944	10.4752	15.4596	12.7166	15.5488
SYN3	0.359818	0.171618	0.278958	0.136698	0.208441	0.0926097
ANTXR1	23.559	20.6652	28.3251	25.6054	27.9046	19.7056
PRDX2	446.632	475.68	422.742	480.254	368.728	485.861
PAX9	0.255226	0.141034	0.313962	0.17974	0.203193	0.159046
CCDC64	21.5368	25.2559	28.3504	26.3994	42.8389	46.2809
BTNL8	0.730996	0.472524	0.309623	0.253773	0.0294799	0.11538
SNORD114-1	0	0	0	0	0	0
RNF224	0.360215	0.529699	0.822721	1.08371	1.3993	1.40252
CDY2B	0	0	0	0	0	0
COMMD5	20.0339	24.5448	17.2182	20.4062	17.9011	20.9314
KCNE4	1.51196	1.33678	0.712173	1.19886	0.791781	0.586252
LOC10028750	0	0	0	0	0	0
ZNF484	1.4654	0.790885	1.10931	0.572408	1.25252	1.0689
DRP2	0.669348	0.542527	0.316921	0.223368	0.515052	0.477885
ABLIM3	10.1451	12.3951	9.15481	5.9091	6.19044	4.01928
C4orf11	0	0	0	0	0	0
FKBP9	33.7751	36.1696	47.4496	38.5197	38.0104	32.5676
FAM18B2-CD	3.60E-06	3.15E-06	3.40E-06	3.00E-06	0.283998	3.67E-06
MLF1	5.017	3.82049	3.38446	3.16611	2.57365	2.45935
ZNF256	3.88452	4.41572	4.62095	3.95146	4.0351	3.83273
MIR4773-2	0	0	0	0	0	0

THEM4	5.26782	4.98662	4.21322	4.07246	3.12985	2.77229
WFDC1	4.12432	2.5946	2.3416	5.06426	3.38453	5.09077
LOC10050667	0.156842	0.502788	0.230818	0.462807	0.311542	0.197649
LOC10065300	4.62444	4.06747	6.17027	4.54095	5.19789	6.10796
MGC16075	0	0	0.143519	0	0.0603749	0
C22orf46	6.93963	7.71233	7.21967	5.78814	6.55576	6.58336
UCN	1.613	4.27833	2.06639	4.7601	3.36327	2.87186
TSPO2	0	0	0.349511	0.568682	0.0735152	0.0719283
LOC647264	0.11046	0	0	0	0.474882	0.103251
MIR4456	0	0	0	0	0	0
HIRA	10.5678	10.9543	11.0895	11.0864	11.1714	9.59803
C17orf69	6.79068	6.788	5.95385	7.79998	9.57931	7.88768
ZNF702P	1.22708	0.791692	0.954016	0.592109	0.781684	0.806136
MYT1L	0.0133323	0	0	0.0125188	0.00849141	0
TCF7L2	14.4107	12.4986	15.2266	14.5824	14.0446	12.916
GCC1	8.31519	7.03937	7.23973	6.25954	7.89148	7.38352
SCP2	196.473	127.025	148.078	117.948	109.313	105.649
OR56A3	0	0	0	0	0	0
TNP1	0	0	0	0	0	0
IYD	0.706379	0.092701	0.583312	0.374135	0.155846	0.280264
PKIB	11.9284	8.57827	9.2753	9.42572	5.55512	8.74273
KRTAP22-2	0	0	0	0	0	0
C18orf32	51.0495	38.9037	39.891	34.443	32.3445	33.898
RNU4ATAC	0	0	0	0	0	0
MTTP	0.0952443	0.105261	0.198276	0.0447164	0.075827	0.0593522
THTPA	9.86578	10.6253	11.478	8.50788	13.1486	11.8635
MLH1	16.9859	12.9512	13.0404	14.5911	13.5511	12.621
C19orf46	5.49583	5.04359	2.73847	3.46211	2.92432	2.9479
METTL11B	0	0	0	0	0	0
MIR3650	0	0	0	0	0	0
GAGE12H	0	0	0	0	0	0
ITGA10	2.42082	1.90983	1.80438	1.97585	1.82648	1.75224
FLJ38717	0.914987	0.505609	1.47188	0.680167	1.62687	0.879029
NUP155	4.56083	3.39749	4.42039	3.30445	3.36199	2.75571
FAM194B	0	0	0	0	0	0
LOC10013277	0.557183	0.805998	1.53911	0.409734	1.15088	1.01477
CLEC1A	4.06992	4.48492	2.72374	2.16003	3.64404	2.13188
C3orf26	15.6049	13.6153	14.4357	12.05	11.6578	9.57358
WFDC11	0	0.20373	0.174435	0.432736	0	0
CENPK	1.94724	4.30407	3.04027	1.94271	3.91441	3.14735
PCGF6	4.53466	4.91918	4.09219	4.35401	5.08515	4.17173
SLC9B1	0.252156	0.41596	0.766617	0.168496	0.608183	0.495324
WSCD2	0.438284	0.424408	0.679366	0.548722	0.332316	0.481212

MIR4281	0	0	0	0	0	0
PRKAG2	15.3301	17.0074	15.6998	21.6654	14.4144	14.2966
MIR548AI	0	0	0	0	0	0
B3GNT5	7.22467	5.21862	8.81135	4.67775	7.29312	7.28282
OBFC1	5.38794	6.03919	5.52742	5.95768	5.55058	4.96291
PAX4	0	0	0	0	0	0
KRT27	55.7319	23.7032	8.04796	260.313	22.7107	164.925
LOC10050636	0.55508	0.327178	0.700331	0.608079	0.294611	0.288252
RNF34	14.0026	14.4222	11.4606	12.4269	13.6906	14.2084
CITED1	0.810173	0.96701	0.939125	1.027	0.604692	1.41371
SHROOM1	2.40527	4.2928	2.74153	2.7484	3.4521	3.97072
CT47A4	0	0	0	0	0	0
OR10G8	0	0	0	0	0	0
MDH2	207.475	191.285	171.802	187.486	164.487	181.501
MYL5	23.4361	46.6381	29.6346	43.5223	38.9496	28.8684
SCXA	0.736643	2.29776	1.0796	1.33912	1.20108	1.1804
MIR3912	0	0	0	0	0	0
GABRG2	0	0	0	0	0	0
AFAP1	4.27065	3.54125	3.68111	3.38075	4.3936	3.59019
SEC24C	40.7108	36.4967	37.2501	36.0653	39.2433	38.978
C1orf174	19.7723	26.756	19.2992	25.9683	26.8058	20.8259
CX3CR1	2.28366	1.18498	1.64206	1.19864	2.31796	1.41133
CAPZA2	44.6428	37.7559	39.4055	25.6935	34.9652	30.0483
ZNF442	0.813041	0.687958	0.910038	0.73024	1.12583	0.661041
GOLGA6L2	0	0	0	0	0	0
CYP4X1	12.3615	6.54993	8.44476	10.1917	9.24472	7.91787
CLIC4	55.0901	35.1334	40.8095	37.1486	36.0065	39.4132
C12orf61	0.502381	0.777303	0.475381	0.825523	0.559946	0.70439
IER2	53.3423	65.7421	86.3935	66.9408	76.3694	67.7658
ZNF700	21.5164	18.9311	18.4756	19.1574	22.3742	21.1101
RBBP6	21.2079	17.2988	23.1479	18.7091	24.9489	21.3183
SMU1	7.09894	7.48663	6.69456	7.49744	7.7863	7.52624
RAB23	6.50123	4.00269	5.3905	4.65197	3.99291	5.78887
DIAPH1	30.219	22.939	24.6903	23.2688	27.0274	21.4328
FBXO39	0.317663	0.3932	0.192378	0.417593	0.242785	0.0791816
GTPBP10	3.35769	3.49625	4.29959	3.39387	3.65756	3.44756
MIR302E	0	0	0	0	0	0
KIF5C	0	0	0.406623	0.525113	0.875693	0.345851
C12orf23	10.0924	7.96612	10.386	6.48257	9.50215	7.71108
CLDN2	0.248949	0.160773	0.20157	0.261457	0.128007	0.145189
PRRX2	10.0151	15.3284	14.4621	22.127	17.6351	13.6357
RNU12	0	0	0	0	0	0
LRFN5	0.472221	0.231949	0.476632	0.270972	0.267342	0.163482

TMEM188	12.5982	12.222	10.3162	10.1264	13.0817	10.7221
LOC220906	13.4029	12.8669	10.6378	9.35629	10.6923	9.53307
C4orf41	15.2819	10.0294	13.6424	11.0334	13.8908	11.1102
TAS2R42	0	0	0	0	0	0
COQ10B	17.3075	14.143	16.9928	13.0505	13.729	12.4195
PCYT2	21.612	24.6831	16.3765	21.2982	15.428	18.6551
TSFM	20.6987	19.265	17.7168	13.8172	16.3784	15.672
POLR3E	16.0001	16.4983	17.7159	16.2185	17.7291	17.0101
DNAJC15	19.1657	15.9896	14.2722	12.7192	10.4401	11.0453
NBPF4	0	0.0357139	0.0305786	0	0.0578863	0
SSTR4	0	0	0	0.083039	0	0
MCU	8.43665	7.04144	9.83535	8.68238	8.8123	8.05428
BOK	53.3583	81.4599	68.9317	61.5054	59.2979	62.3088
USP50	0.185445	0.282575	0	0.122035	0.0574576	0.203962
LOC10049948	1.52876	2.13784	1.57649	1.61305	1.65804	1.35487
GADD45G	26.6606	46.8558	22.8075	30.5291	29.4049	30.2559
LOC10050637	0.0746916	0	0	0	0	0
LOC283038	0.593996	0.72851	0.923395	0.490113	0.595593	0.614834
MIR4803	0	0	0	0	0	0
TRIM39	8.67421	8.94341	7.16986	7.30029	9.11454	7.69181
MIR676	0	0	0	0	0	0
CRELD1	15.1178	17.7069	21.2098	22.0633	16.6216	20.1309
AGBL5	11.9384	13.0203	12.4239	12.3989	12.1686	11.5738
LOC10012993	0.100031	0.316746	0.446544	2.50E-26	0.147348	0.116609
PAK6	8.15902	12.3342	11.9347	16.3055	13.9302	11.202
MIR4315-1	0	0	0	0	0	0
RIOK1	12.0998	11.7825	13.918	12.6789	13.0188	11.8154
TNS3	14.0597	11.2626	18.3238	13.9626	15.5596	13.7247
AP1B1P1	0.452003	0	0	0	0	0
IDH3A	77.3113	66.2229	52.3105	60.8899	49.6078	47.6374
FBXO10	2.68766	2.00204	2.70742	2.54354	3.05964	3.04635
LOC10050578	0	0	0	0	0	0
SUPT5H	34.993	39.8069	36.8532	38.2788	41.4804	42.8478
LOC10065293	0	0	0	0	0	0
RNU1-2	48.9911	54.6816	26.1981	59.5068	34.2526	27.9645
DAOA-AS1	0	0	0	0	0	0
RP1-177G6.2	0	0	0	0.0732158	0.0496617	0.0485897
CDK16	31.5933	36.2146	34.1483	40.0564	37.8925	33.1396
SNORD114-2	0	0	0	0	0	0
OCM2	0.123543	0.655376	0	0.232011	0.491784	0.481169
PCDH20	0.727965	0.697256	0.795995	0.930384	0.978806	1.2853
CD86	1.10017	0.910498	1.61266	0.53052	1.97834	0.81617
INSL6	0	0.330669	0	0	0.119102	0



RPRD1A	15.5943	12.9824	15.7687	12.6976	14.3254	11.7606
COL4A6	3.07685	4.38903	3.28544	3.55714	6.11214	4.45903
PPP1R15B	15.6459	11.2857	14.8809	10.5475	12.2994	14.6134
TRIP10	45.2543	57.6927	49.8377	50.0013	51.6038	43.3411
SLITRK1	0.0556852	0.0328222	0.0140513	0.0174292	0.0118221	0.0231338
ASB10	0	0	0	0.227501	0	0
KIAA1143	10.4521	8.59516	10.6206	7.91477	8.98333	7.17861
LOC400940	0	0	0	0	0	0
MIR3924	0	0	0	0	0	0
MUC12	0.0229173	0.030393	0.0260227	0.00537974	0.0328413	0.0107108
LOC10028918	0	0	0	0	0	0
RHOB	66.5791	92.6375	82.4975	91.2188	69.6549	70.1818
BANK1	1.2709	1.30624	2.24307	1.56051	1.55976	1.00872
CDADC1	5.135	4.42638	4.03391	4.0155	3.63404	3.31334
SLC22A3	9.67804	8.55167	9.68521	8.08906	13.2442	9.71611
C15orf58	1.29917	1.4358	1.90549	1.37239	1.55147	1.41678
TMEM173	24.5391	35.4986	24.7287	21.0824	39.5124	25.5188
TMEM194B	1.75258	1.83558	1.32671	2.00009	1.85465	1.05853
TPTE	0	0	0.0187826	0.0232978	0.0987721	0.0309242
LOC10050658	0.156546	0.692042	0	0.293989	0.19941	0.292659
HAUS6	4.56373	4.54267	4.53009	4.22851	5.00485	4.31297
SKCG-1	0	0	0	0	0	0
OR4F5	0	0	0	0	0	0
ACTL8	0	0.0559788	0	0	0.0403254	0.07891
HBEGF	15.0679	13.5886	15.2196	13.0571	10.5017	12.8773
FAM203B	5.73196	6.07401	4.43484	5.97591	5.3687	5.93568
MAPK11	16.4309	28.754	16.8415	18.1393	23.0931	17.6206
FAM76B	8.19938	9.47656	10.6004	7.83821	12.4631	9.18274
SLC35E2B	15.5752	16.9044	21.445	21.84	34.5049	32.3454
KRTAP4-12	10.6994	2.08227	0.0809952	74.3447	1.15953	721.031
CYSLTR1	1.49127	1.44406	0.860115	0.26672	1.76391	1.10631
LOC283483	0	0	0	0	0	0
WNT9A	0	0.159122	0.885571	0.422483	0.573134	1.00937
LINC00474	0	0	0	0	0	0
NFS1	18.363	18.7161	12.79	16.9739	15.7724	14.5347
MAP1B	7.99291	5.25677	9.08492	5.73018	6.81928	5.36699
NR1D2	22.7766	23.6762	20.4449	18.1116	16.4731	15.7255
ZNF350	6.76969	6.0237	6.20876	5.66392	6.63331	5.65182
NEFM	0.160522	0.189232	0.361768	0.259193	0.508434	0.227654
ZCRB1	20.1041	18.8263	19.3774	17.7076	17.6377	15.3513
LOC645676	0.822707	1.45538	1.38383	1.3427	1.64444	0.698655
MIR4774	0	0	0	0	0	0
RXFP4	0	0	0	0.0930236	0.0630972	0.0617352

SEMA3E	1.08309	0.631683	0.687682	0.783497	0.746113	0.670337
SLC25A47	0.0607711	0.05373	0.0460041	0	0	0
MIR4487	0	0	0	0	0	0
COG5	10.4426	8.16378	10.5317	8.03224	10.0247	9.62557
SAP30L	11.9863	12.0254	11.7002	11.3178	11.4519	9.02912
NEURL2	1.95469	1.80941	1.75261	1.92894	1.81778	2.77677
C17orf77	0.0798791	0	0	0	0.0254377	0
KIAA0226L	2.28033	1.49583	1.89328	0.57559	3.17019	1.71132
ZNF250	2.19633	2.30095	2.60548	2.22973	3.76527	3.07163
ALDOC	23.7689	23.5708	40.8007	33.8398	43.2062	34.5074
IL12A	2.25351	1.39469	0.454913	0.634804	0.478425	0.514908
METTL11A	21.5739	25.0901	19.8498	21.0411	17.1633	22.315
RAD23B	80.5076	63.4909	69.6928	59.153	60.9425	68.3802
TECRL	0.0709984	0.282475	0.188112	0.199999	1.26614	1.06184
WNK1	27.7115	19.9786	32.6429	23.1042	26.0748	23.687
LOC10028721	1.52E-08	1.09E-06	4.56E-06	9.74E-10	4.61E-08	4.99E-05
TEKT1	0	0.136153	0	0.0722994	0	0
LOC728734	2.13024	1.67859	2.1155	3.27888	2.14673	1.70179
SNAR-B1	0	0	0	0	0	0
PCDHB8	0.0831686	0.174557	0.55481	0.183608	0.21765	0.262079
LOC10050647	0.106714	0.0943496	0.0403915	0	0.0679666	0
PON3	33.9265	21.0555	30.8334	23.7814	25.3999	29.6414
ADH1C	5.05953	10.8052	7.99333	4.20028	4.6702	2.37631
KIAA1199	2.59412	1.84198	1.99429	2.34749	3.51844	3.20796
C14orf167	5.24657	4.33638	7.93671	7.36224	8.30015	7.55816
GAGE12F	0	0	0	0	0	0
SNORD116-6	0	0	0	0	0	0
OR6C76	0	0	0	0	0	0
LOC10050674	0	0.365096	0	0.387745	0	0.257327
MIR3611	0	0	0	0	0	0
BPTF	8.68594	6.47068	9.68492	8.07812	9.84159	8.40085
RAP1A	71.1177	59.3219	54.5615	45.9178	43.3437	44.1585
IDH3B	73.3482	92.8192	69.7243	84.8258	80.5514	75.9622
EXOC4	16.5842	13.2801	17.7692	15.9643	16.9296	16.2751
STK32C	2.08352	4.15547	3.26451	3.50331	3.54897	2.86847
CCDC107	25.3135	37.6578	33.5513	39.4395	28.9601	24.014
CYC1	157.032	173.916	129.892	169.995	139.572	131.187
SLC8A2	0.301537	0.233275	0.399464	0.54858	0.156041	0.258369
DDR2	3.18292	1.766	5.22015	1.34838	1.74903	1.38057
GPR158	0.0286204	0.0885654	0.0649975	0.0307896	0.0546856	0.0267526
DCAF5	16.1355	14.8033	17.5775	15.6015	19.3925	16.3929
ANKRD30A	0.00550529	0	0.0166701	0	0	0
OR8K1	0	0	0	0	0	0

REEP4	42.7256	63.7492	54.2993	79.3002	79.531	85.8212
PADI3	1.98552	1.28917	0.798494	11.3901	0.71133	17.0321
TEAD1	10.139	9.29237	11.7217	7.58054	10.3794	8.943
LINC00410	0	0	0	0	0	0
SOCS1	4.97576	13.1978	4.60372	6.48911	5.86869	4.53619
CLDN9	0.703857	0.977909	0.228353	0.613702	0.512332	0.438614
FDFT1	207.442	166.93	143.038	147.692	118.791	133.982
LEKR1	0.106961	0.212779	0.464114	0.674143	0.557237	0.371471
ZNF891	1.61303	0.874083	1.06351	0.684015	0.927925	0.843045
TTC14	22.4134	21.5831	23.9297	13.4676	25.9522	21.3358
RBMY1B	0	0	0	0	0	0
PEF1	55.7363	66.7927	51.17	61.2986	58.377	56.3335
MIR511-1	0	0	0	0	0	0
CENPW	11.5532	12.6466	6.87171	10.0734	8.58466	9.94209
FOXC1	37.9381	28.8551	31.9991	36.3994	32.1326	30.4088
LAT	13.2935	23.2891	12.7237	14.6471	22.8642	16.4147
ProSAPiP1	3.13558	3.24244	3.23427	4.80379	3.66713	3.428
KRT85	11.7149	2.97467	0.828522	212.923	2.7883	529.802
PPAPDC1B	26.3212	21.069	17.2893	19.4965	22.9492	22.9298
LCAT	18.8393	40.5029	25.5017	43.2298	42.2143	26.5367
LINC00315	0	0.397052	0	0	0	0.5597
G6PC	0.032025	0.0849435	0.0727293	0	0	0.0199566
SNORD114-2	0	0	0	0	0	0
ITGB7	8.91578	10.9784	5.92955	5.18576	10.8972	6.50067
ATP6V1G1	102.028	87.636	81.4877	86.1231	78.0291	84.0864
ARVCF	5.21853	7.9581	5.90155	8.16657	7.41621	7.20453
GPR55	0.459675	0.180629	0.405973	0.167855	0.55301	0.159139
PLEKHF1	12.2194	18.3448	9.57073	11.5875	12.5216	9.80102
SNHG1	87.601	137.263	76.9072	107.128	107.25	97.5095
LOC10028719	0	0	0	0	0	0
NCR1	0	0.13542	0.463795	0.143821	0.0662243	0
SLC30A4	1.35955	0.641084	1.33795	0.787237	0.764885	0.748375
SUMO1P3	24.9362	21.9649	21.0521	19.5848	20.1919	20.6803
SRPX	17.6786	15.1787	20.3519	11.7052	17.7731	11.2303
SETX	10.4654	8.85253	10.4899	7.34006	9.82682	7.84722
FILIP1	0.334991	0.203623	0.52303	0.157276	0.226693	0.182658
UBE2E2	20.7192	18.8993	23.7754	18.2776	20.4597	18.9019
TRIM29	401.402	423.153	451.291	503.898	500.965	569.718
KCTD8	0.232786	0.205815	0.23496	0.255013	0.296525	0.0967083
ABCA11P	6.99423	8.84413	8.95767	8.4226	13.128	8.64855
NHLRC1	3.22105	2.72033	3.02064	2.97937	2.14336	2.90597
S100A16	376.699	456.721	331.708	542.246	378.475	567.294
LOC10050749	0.731694	0.161729	0.276948	0.171762	0.23301	0

ERVV-1	0.0405539	0	0.0306995	0	0.025829	0.0126357
LOC10012979	2.06605	2.27619	1.96962	1.5046	1.87038	1.91217
PLAG1	1.77337	1.43351	1.49991	1.35315	1.72984	1.74412
TRAT1	0.685641	0.991964	0.283109	0.117056	1.46886	0.38842
LOC10013106	4.05945	4.78093	7.74486	7.63665	8.34041	9.39778
LOC10013153	0.377136	0.45848	0.570988	1.37223	0.3603	0.499408
CAPN6	2.12922	0.965396	1.07455	1.23034	1.96462	1.47994
FAM22G	0.166959	0.391531	0.540532	0.243281	0.549895	0.356444
LOC730441	0	0	0	0	0	0
LOC10050598	0.65682	0.464575	0.696103	0.740092	0.585665	0.327442
EPC1	7.11294	5.04919	6.67892	5.52297	7.47059	6.15859
MIR3145	0	0	0	0	0	0
HNRNPL	61.8744	72.4382	63.3514	71.1277	70.9232	62.0275
CCDC38	0.0530501	0	0.0401592	0.0498132	0	0.0330586
POPDC3	0.706178	0.545698	0.307913	0.433412	0.439621	0.460851
MUL1	17.0288	17.0196	17.7794	18.5002	17.4475	14.8409
RBM12B	3.83122	3.12034	4.08608	2.71138	3.77438	4.01045
SVIP	13.8285	11.4621	14.8102	13.1323	10.4088	13.3177
MLKL	9.92666	8.78211	4.67137	5.01531	7.71184	6.85106
PWRN1	0.0753625	0.399785	0.1141	0	0.0479988	0
MORF4L1	79.2526	73.6986	75.99	75.1136	72.0647	66.6931
SERPINA10	0	0.0430886	0	0.0457616	0.124159	0.121479
BLOC1S2	43.8413	41.2069	35.8192	34.8887	35.0912	34.7122
ARHGDIG	0.761098	0.560762	1.24834	0.476439	0.727121	0.474284
LGALS9	17.2947	20.9819	9.37041	7.90028	15.2037	8.04658
BCORP1	0	0.170098	0	0	0	0
EIF2S3	52.9179	59.9894	61.4212	71.0949	66.2503	58.2745
CASP10	3.93302	6.70491	4.02093	3.92633	4.81953	3.18366
HPDL	0.348559	0.975883	0.307838	0.490936	0.850996	0.796425
FAM72D	0.988442	0.917664	0.764492	0.6364	1.12001	1.06911
MBD3L1	0	0	0	0	0	0
DPYSL4	1.10537	1.56368	1.00413	1.07253	0.891756	0.826586
MAGEB10	0	0	0	0	0	0
TAS2R38	0	0	0.150475	0	0	0
RPSAP58	631.78	909.433	635.739	1020.49	743.136	721.924
IFNB1	0	0.130442	0.223371	0	0	0
RAB19	0.12513	0	0.378895	0.587473	0.0796957	0.0779754
KCNJ4	0.218609	0.217441	0.201553	0.519593	0.386761	0.181638
OR2AE1	0	0	0	0	0	0
WDR86	0.606278	1.78678	1.30038	1.5181	1.15843	1.07045
APLP1	0.705416	0.550967	0.440652	0.354825	1.05373	0.645054
DDIT4L	2.97494	2.3942	2.22317	1.68321	1.36034	1.78255
SMARCAL1	6.84673	6.96273	6.42423	6.45999	6.71406	6.08948

MIR4435-1	0	0	0	0	0	0
THEG	0.814793	1.55095	0.683061	1.51148	0.855763	0.782113
LOC10065294	12.2111	20.9513	11.7217	21.3477	20.3376	19.8169
PIP4K2A	9.84386	8.18473	8.86115	7.27964	8.59229	7.11958
CAMP	0	0.326697	0.419581	0.520445	0.588356	0.690788
VGLL1	0.276708	0.244647	0	0.259824	0.117491	0.114955
COX7A2L	67.9975	66.5378	82.2817	99.2773	72.1583	67.1598
LOC10050751	0	0	0.127133	0.315391	0	0
SNORD99	0	0	0	0	0	0
LOC10013296	4.32162	6.46221	2.34262	4.57445	5.10567	2.62596
HYALP1	0	0	0	0	0	0
ZNF692	29.633	46.4639	27.8102	37.4337	39.2227	45.6979
SCN1B	4.16184	5.22629	4.2364	3.79474	4.88674	2.84402
C17orf102	0	0	0.0554049	0	0.0155383	0.0152029
POM121L1P	0.057232	0.0997816	0.213453	0.140614	0.112544	0.0966291
CD248	36.8964	27.6777	49.8998	25.3645	27.2865	19.4097
PPP6C	25.8026	22.1862	25.448	22.3701	20.6515	18.7359
MIR517B	0	0	0	0	0	0
LOC10065274	2.00E-07	5.40E-08	5.74E-06	4.36E-07	6.85E-08	1.45E-07
UBE2Q2P2	0.722567	0.601599	1.64834	0.945732	0.985818	0.914694
TNXA	15.2352	28.2415	31.911	24.4448	28.1406	19.2232
GLRX	94.3259	91.2573	56.4166	40.5386	56.5006	63.0753
LOC10050585	7.81119	9.29676	4.1695	5.17182	1.33942	4.93001
SAMD14	0.224459	0.694585	0.424792	0.263455	0.750537	0.349684
ENO2	12.0756	16.5504	11.9565	14.0068	22.461	16.8987
LOC654342	14.2162	16.4108	7.5343	12.2748	8.9041	9.25291
OR52N5	0	0	0	0	0	0
MIR18B	0	0	0	0	0	0
LOC10050755	4.73565	8.07821	4.61662	10.8467	7.17977	7.47725
SLC6A12	0.440463	0.554575	0.262002	0.278793	0.221327	0.19733
CCDC85B	27.027	70.4038	38.173	68.1288	47.1932	42.2748
LOC256880	0.208485	0.276494	0.19728	0.440469	0.531141	0.389757
CYB5R3	108.072	118.113	133.127	123.737	127.577	106.583
CACNA1H	1.65634	2.20146	7.47122	3.35417	1.79457	1.00948
SRGN	24.236	22.5268	17.2043	9.25356	17.0757	10.4006
C3orf64	10.7485	10.7924	9.3118	10.2252	9.58712	9.13101
HMGB3P1	0	0	0	0	0	0
CLPX	26.9952	21.8435	27.7269	18.7778	24.1808	26.5388
KLHDC5	7.02295	6.53536	7.34916	6.01258	6.5027	6.53702
GALNTL2	3.2313	4.5342	3.74018	1.93793	1.38087	1.10424
MS4A6A	15.8028	10.5816	9.75933	4.6801	16.962	7.97224
FUNDC1	16.2254	11.5278	12.7215	11.1545	13.1636	13.6017
FLJ35424	0	0	0	0	0	0

SNORD62A	0	0	0	0	0	0
TMEFF1	0.314804	6.14E-39	1.46E-112	0.298745	0.197568	1.65E-44
HDDC2	27.0375	33.5173	27.6337	32.6474	23.0957	26.0873
C5orf47	0	0.0353579	0.0605475	0.0375513	0.0509416	0.074763
ACIN1	58.2448	72.5463	60.5251	67.5512	75.9628	76.749
RASGRP3	4.83446	3.9181	2.01604	1.70187	2.22556	2.03589
ADAT2	5.07358	6.26922	5.6107	5.18015	6.07346	4.77103
CAMTA2	19.0642	22.7594	21.5634	23.2701	24.1307	21.5699
GPR82	0.1472	0.182203	0.111432	0.0829313	0.168755	0.146767
LOC10065273	0.260331	0	0	0.244447	0.497419	0
ITGB1BP2	0.0904281	0.799509	0.479182	1.18875	0.69113	0.845265
IGHMBP2	6.09523	7.91989	6.89316	6.44164	8.51859	9.4419
TJP3	5.12958	3.48628	3.69821	4.48894	3.64488	4.41427
HIST1H1A	0	0.144028	0	0	0	0
BCL2L11	5.97264	4.77436	5.20444	4.32216	6.01642	5.58086
PHC1	8.02678	8.78888	8.1706	7.42919	9.61763	9.95638
C1orf96	8.59509	6.90083	9.36826	7.27595	10.7089	9.49329
MCM3AP-AS1	1.00806	0.87755	1.3382	0.842389	1.64468	1.42743
LRRC37A2	0.957521	1.20589	1.13338	1.14489	2.1739	1.92026
SYT17	2.44632	3.31642	3.33338	2.55229	3.60089	3.28603
C12orf4	6.16991	5.86248	5.87224	5.02419	6.89727	5.24875
GRIA3	0.33438	0.262789	0.576929	0.453523	0.449929	0.717917
ADAM3A	0	0	0	0	0	0
CTAGE11P	0.424658	0.386873	0.382772	0.26577	0.401738	0.358838
PRL	0.511104	0.100419	0	0.106648	0.289355	0
NACA	629.399	723.473	700.098	814.63	690.6	674.874
FXD5	54.4996	78.2859	57.1357	63.2706	81.0642	63.516
ZNF121	4.08242	2.04713	5.02769	1.83084	3.33746	1.82256
RAC3	13.0975	24.3179	16.69	24.2892	17.935	14.4191
DYDC2	0	0.150394	0.171692	0	0.0361132	0.176668
LOC10050731	3.43143	3.04794	3.50679	2.7825	3.51176	3.47985
KLHL22	9.22244	10.9458	9.62039	10.6565	11.091	10.4158
LOC10050667	1.20509	0.245876	1.82452	0.435215	2.89299	1.44415
KLC1	30.3588	35.6375	35.47	34.8061	33.8148	32.4458
C9orf41	4.4776	2.55673	3.1071	2.49636	2.43592	2.93558
LOC10013243	0	0	0.362119	0	0.152334	0
TSNARE1	3.42733	2.69397	7.09172	4.02276	6.0757	5.90901
LOC727924	0	0	0	0	0	0
CLSPN	0.402053	0.464857	0.321237	0.45081	0.348406	0.370288
UEVLD	11.4945	6.64047	9.42688	6.82518	7.03852	7.27699
IL28A	0	0	0	0	0	0
PREX2	0.919911	0.531475	1.24933	0.582047	0.597843	0.410648
LOC10028743	0	0	0.0507869	0	0.0427295	0

C9orf142	48.4974	85.4835	57.5245	76.7189	84.2049	74.8158
MDFIC	10.1996	9.34991	14.5724	7.22579	10.3139	7.63723
ZNF101	3.21174	3.96225	3.78831	1.89362	3.18729	2.37378
LRRRC63	0	0.0827261	0.106246	0.043929	0.0595934	0.0291535
C1RL	18.9104	20.8563	17.0081	15.2839	22.802	13.5586
DIO3	7.87135	0.778064	1.29536	0.642702	2.05514	1.06632
KIAA1467	12.4367	7.16718	8.43588	6.99514	7.92098	8.53012
PART1	2.44108	1.73126	1.28054	1.59358	1.15762	1.93088
METAP2	31.8487	26.4731	29.2881	29.8001	26.82	29.5081
TMEM192	6.55368	4.89851	6.00563	4.87851	4.87433	4.00337
DAGLA	0.898908	0.97137	1.17193	1.37551	1.10263	0.726135
MBTD1	10.2682	10.01	13.2074	9.30629	14.4673	12.1853
NCRUPAR	0	0	0	0	0	0
C15orf43	2.34947	0.769352	0.724598	0.898786	0.387952	0.59648
ZMYM3	9.77832	9.79941	10.7356	11.1032	13.803	9.86971
CLDN1	137.871	117.714	177.775	130.592	198.375	203.625
LMAN1	34.4713	22.655	28.2872	20.1597	23.4559	19.1786
FRMD3	0.956892	0.528765	0.784737	0.524129	0.431694	0.546603
LOC10065301	0.158934	0.126965	0.110647	0	0.0937429	0
SAMM50	64.6535	64.996	71.1034	69.3652	60.2422	57.5615
DUX4L5	0	0.0166926	0.0142923	0.0103414	0.0214443	0.00686307
ECT2	3.69569	3.31165	2.91107	2.86056	3.24443	2.72314
LIPH	9.96521	7.43847	8.56398	9.54892	9.91053	10.1547
MIR525	0	0	0	0	0	0
RABGGTB	47.959	51.3369	44.0823	41.1109	37.8835	33.775
ZNF658	2.59528	2.06273	3.01577	2.20215	2.98199	2.28632
PHF5A	30.0556	32.7129	28.2555	33.7234	27.7809	29.3449
GPR65	0.578422	0.454581	0.454086	0.201159	0.750445	0.413848
GLTSCR1	4.82737	6.01072	5.52577	5.89737	5.98957	5.96438
MIR628	0	0	0	0	0	0
MIR573	0	0	0	0	0	0
MAGEB18	0	0	0	0	0	0
PBX4	3.25982	5.09103	2.52773	4.4971	6.22977	4.22325
MIR580	0	0	0	0	0	0
TRIM26	22.4312	24.3709	21.8648	22.4291	22.2874	18.5388
NRADDP	1.38858	1.43231	1.48915	1.84713	1.32659	0.937413
BRE	21.1691	17.6064	18.4833	21.7828	17.4183	19.6761
TMOD3	16.217	12.6534	16.2117	11.9603	12.8614	13.2033
MIR4428	0	0	0	0	0	0
C4A	1.99509	2.06653	1.62638	1.21374	2.31944	1.22113
ALPK2	0.325455	0.241707	0.709549	0.305597	0.414568	0.267709
SNORA54	200.447	0	0	0	0	0
LOC151121	0	0	0	0	0	0

IQCD	0.487618	0.790388	1.23043	0.763109	0.362327	0.759656
BTG4	0	0	0	0	0	0
ROBO3	2.21157	7.06926	2.81711	2.59578	5.72904	3.92244
CEP135	2.38501	2.09372	2.38168	1.55652	3.28584	2.56139
NSUN5P1	33.4413	53.8659	26.5743	33.5448	39.9871	34.9479
MTVR2	0	0.136555	0	0	0.19674	0.192494
HMGCS2	96.7688	6.74047	14.6138	23.2299	15.8668	13.8207
LOC283070	17.881	19.9286	21.3208	20.3372	22.9642	19.2251
MIR4329	0	0	0	0	0	0
SPOCK3	0.142923	0.19745	0.273878	0.472528	0.102409	0.100199
AK7	1.28931	0.670543	1.26307	0.996996	1.23175	0.945225
SH3GL2	0.0734276	0.0973801	0.0833777	0.172368	0.093533	0.0228785
PPP3CC	8.54986	8.23705	7.20815	7.70916	8.07895	5.73359
UHMK1	14.6752	9.48034	13.5777	9.18553	10.7681	9.03575
PGLYRP4	13.2196	10.8315	8.28197	9.25625	16.0772	12.0373
ZFP2	2.56978	2.75624	2.16857	1.97785	2.89778	2.02141
FGF4	0	0	0	0	0	0
FAM190A	0.604505	0.270258	0.466753	0.297364	0.275088	0.242716
NKAIN1	0.272665	0.542415	0.877238	0.736081	0.520986	0.76461
CCDC168	0.0130243	0.0115152	0.00985945	0	0.00276508	0.00541078
HBS1L	7.81364	6.10383	7.2634	6.08553	6.8867	7.43398
RABAC1	65.2608	89.3722	77.2287	87.6039	84.3203	86.0267
DENND4A	3.42309	2.21741	2.68353	1.54926	2.29389	2.00709
CATSPERB	0.571392	0.28868	0.267767	0.204392	0.450571	0.373023
DARC	39.3186	82.7976	41.4141	30.4214	47.6457	20.9659
C11orf70	0.471057	1.75717	1.6375	0.921861	0.649237	1.32376
SPATA1	0	0	0.127072	0.0788095	0.374191	0.418416
LOC10050575	0.201707	0	0	0	0	0
GUSBP4	1.53885	1.69521	2.59863	1.77837	3.22915	2.02735
XKR7	0	0	0	0	0	0.0213337
TTY2B	0.146375	0.402625	0	0	0	0
C15orf44	17.2754	21.5556	16.5902	19.8514	20.8983	17.0755
LOC10050603	0.200665	0.35483	0.531665	0.282631	0.415364	0.156307
NT5C1A	0	0	0	0	0	0
PRAMEF10	0	0	0	0	0	0
TIGD4	0.163509	0.32527	0.247554	0.191915	0.390524	0.101892
DLEU2L	0.895622	0.62217	0.920803	0.961114	1.01862	0.519079
FAM27E2	0	1.1449	0.183801	0.683957	0.154641	0.151303
LEAP2	1.31167	2.81639	2.41142	2.81516	2.86425	1.63475
ZNF619	1.49833	1.68779	1.73642	1.52871	2.15422	1.99728
CORO2B	5.23413	3.7129	4.76839	3.99842	4.5579	3.55654
ANKMY2	12.6957	10.8064	12.1178	11.5138	11.8025	10.4667
STH	0	0	0	0.375968	0	0



MIR2052	0	0	0	0	0	0
ZNF491	1.13205	2.15829	2.08887	1.72734	2.23063	2.20453
CDY2A	0	0	0	0	0	0
C21orf90	0	0.107852	0.492503	0.515444	0.414367	0.547321
MIR4668	0	0	0	0	0	0
CCDC24	5.40639	7.3288	5.04121	7.26788	6.03178	6.66599
QPCTL	5.58433	6.86879	4.59864	7.06782	6.53211	5.77985
GANAB	81.5141	66.3385	70.1339	67.8459	66.7536	65.3338
HCFC1R1	57.3104	110.55	72.2757	102.602	69.8004	73.6914
ZNF238	8.95284	7.71377	9.02543	6.43846	8.47977	6.66797
PDE10A	0.47474	0.45041	0.298111	0.207088	0.243452	0.223791
FAM50B	6.83807	9.24309	8.76016	9.19909	7.95663	8.15364
LOC10050680	0.426244	0.602972	0.193601	0.160094	0.217182	0.478111
MYO15A	0.110908	0.217128	0.131934	0.148772	0.22705	0.162909
FLJ35024	0.137813	0.122389	0.650226	1.86E-221	0.701782	0.258029
DRD5	0.0426928	0	0.0323187	0	0	0
MUT	16.5206	10.9757	15.4438	12.4911	11.9127	12.138
HRASLS	1.19777	1.44408	2.80258	3.06732	1.24832	1.69636
LOC10050579	0	0	0	0	0	0
SIN3B	15.3408	23.3748	22.6007	22.2507	27.8649	21.2725
MIEN1	64.4884	67.4519	53.2207	74.527	49.6797	59.2666
ZBTB8B	0	0.0214451	0	0.0683264	0	0.0302299
C4orf42	4.41776	5.04762	6.17403	5.32884	4.43698	4.40473
NFE2L3	15.0699	12.1805	9.94951	8.22755	14.1198	16.2326
LOC10013026	0.0586097	0.051819	0.0887357	0.165101	0	0.0365231
ZNF23	6.76669	5.98268	4.86861	4.72243	6.71699	5.67927
SYTL5	0.267765	0.148376	0.343016	0.289571	0.275542	0.999024
TRAK2	7.99634	7.59977	8.22227	6.71229	6.89917	7.65211
NOMO3	15.4718	13.4074	11.681	12.0736	12.3522	12.2305
RGAG4	2.48346	2.80894	2.43891	2.45798	2.57922	1.7149
LOC10065290	0	0	0	0	0	0
MIR4755	0	0	0	0	0	0
ATP1A1	329.832	181.236	185.993	260.885	188.169	194.54
C9orf24	1.45974	2.1125	2.01955	2.98597	0.900309	2.11601
LOC10050629	0.311367	0.137646	0.412487	0.0730923	0.24789	0.485077
JMY	6.37659	4.45714	6.65295	5.84171	6.71826	9.34058
KRT15	416.678	618.396	465.385	639.042	1002.57	801.539
PABPC4	33.5988	38.6543	37.3043	40.1762	36.2173	31.234
CGNL1	17.0935	8.42612	15.8478	15.3016	14.4849	13.2942
MIR3618	0	0	0	0	0	0
NKG7	13.8841	17.8794	5.59789	0.99194	6.92049	1.97491
A1BG-AS1	2.1917	2.18975	1.99935	2.2962	2.34316	2.18705
LOC10065283	4.15262	6.65482	2.89014	6.1024	6.04914	5.48496

C19orf77	0	0	0.201468	0.12495	0.593266	0.746306
GPR88	0.0283895	0.0753005	0.107455	0	0.0542442	0.0353822
CUL4B	18.1792	14.4148	16.6435	13.4433	16.7704	15.9571
SPRR3	0.604035	0	0	0	0	0
MIR4304	0	0	0	0	0	0
HLCS	13.7998	10.1216	10.1934	8.47882	6.62242	7.84601
SNAR-A8	0	0	0	0	0	0
LOC727869	1.81842	3.53701	1.51421	2.21971	3.13541	2.83291
FGF7	7.20336	3.50421	4.9118	2.80567	3.82453	3.26299
CBLN2	0.309954	0.304491	0.104283	6.59694	0.329019	16.9972
MAPK12	2.33774	4.02778	3.35786	4.72792	4.2377	3.32445
ZFP112	3.19008	2.15555	3.1189	2.32157	3.12088	2.33667
ZCCHC10	9.24015	9.83769	8.38649	6.31421	9.02793	8.29042
IFT81	6.31589	5.42976	5.7618	4.51493	6.86653	6.93667
MRPL48	25.4366	22.8092	17.4304	21.0546	16.2007	18.6807
SRRT	46.8387	60.0807	43.5563	56.4132	61.2997	53.4769
DUSP1	33.1486	27.9102	87.133	35.6752	100.593	27.1717
ZCCHC9	19.5432	17.5618	17.2729	15.6776	19.4057	21.3204
SNORD114-2	0	0	0	0	0	0
FAM13C	4.66203	4.31328	5.58092	3.28036	4.38019	3.1269
IL18RAP	0.564175	0.498808	0.370139	0.176584	0.598877	0.304694
GOLGA2P5	7.4656	9.88386	5.97916	6.52039	9.74407	8.06266
GYS2	1.26519	0.391511	0.861982	0.415799	0.362614	0.394207
KAT6A	9.89284	6.40763	10.8734	7.68727	9.85782	7.77828
TEX264	78.1986	100.54	86.1267	104.975	83.5325	91.4534
MIR516A1	0	0	0	0	0	0
HIBADH	50.81	40.4856	32.784	29.102	30.5157	30.7921
FLJ38723	0.170668	0.181073	0.180875	0.0641018	0.239138	0.0850824
POLR2E	50.1469	65.2605	53.2717	58.7543	54.8171	56.258
FLJ35946	0.609952	0.898802	1.34673	0.954559	1.06832	0.791867
ACTN2	0.320898	0.132402	0.194338	0.0803516	0.177131	0.159976
MIR3691	0	0	0	0	0	0
CDC45	2.30701	4.02483	1.4433	3.47599	2.73897	3.063
LOC10050549	0.556344	0.245942	0	0.914196	0	0.0866724
SKAP2	9.48223	5.75557	7.45704	5.72049	6.91545	6.72025
TMEM204	14.5677	15.0078	15.9184	14.2736	14.6838	12.3145
HSFY1P1	0	0	0	0	0	0
MIR4768	0	0	0	0	0	0
TFCP2	13.117	13.9397	14.6504	13.6392	14.5418	15.7563
KIAA1598	17.9526	15.4794	17.0368	16.947	20.3404	17.4431
EPHA5	0.0121767	0.109015	0.0491659	0.0823306	0.0484757	0.0693829
SEC16A	16.9558	14.9265	17.0851	16.785	17.415	15.087
LOC10013000	67.2936	80.1396	67.5756	63.8324	57.7302	60.763

CCNC	50.501	40.2942	41.0488	34.6882	32.677	33.2155
TBCCD1	5.35518	3.72273	4.95095	4.12707	4.89432	4.59173
C10orf137	6.67391	6.99126	6.43364	5.84297	8.65537	6.66672
ABT1	12.202	16.4013	14.4179	19.0253	16.1739	13.3557
BCHE	1.7774	3.54494	4.72491	2.63928	4.15958	3.40008
KCNH8	0.513881	0.706752	0.316971	0.696982	0.727319	0.770921
DMRTC1	0.234484	0.287938	0.0788913	0.220176	0.207422	0.265181
GPR68	6.78069	10.0741	5.40163	4.80021	10.5973	5.55243
MFAP2	8.22839	14.1696	17.219	17.9268	21.8731	23.957
KLHL8	4.2104	2.41312	3.34746	1.56948	2.6412	2.36005
CTPS2	6.32398	6.52787	6.62165	6.36978	7.21767	5.87953
ACOT2	95.4808	103.25	56.0657	48.0553	33.6556	34.7935
OR6C74	0	0	0	0	0	0
LOC10065288	0	0	0	0	0	0
GTF2A1	4.10361	1.91696	4.801	2.40373	2.4484	4.31169
POLA2	7.17849	7.75316	5.55766	5.47665	6.2346	5.84583
DEFA4	0	0	0	0	0	0
AVL9	3.58161	2.44174	4.05061	2.5527	4.42488	4.19491
LOC10050553	0.496985	3.49E-07	0.23497	1.21E-07	0.05078	9.34E-07
CFDP1	32.0754	28.8189	26.9063	25.6685	27.662	32.0349
IPW	3.51152	2.76182	2.91917	2.56903	3.37534	2.69837
LOC645262	0	0.522604	0.111864	0	0.188234	0.0920854
CNTRL	4.15587	3.64044	4.01722	2.8937	5.16348	4.0719
C2orf84	0.295867	0.837078	0.58233	0.555629	0.452254	0.368744
PTPN18	17.9339	19.917	17.6766	18.038	20.9662	16.9735
ZNF555	1.12964	0.568081	0.863589	0.790701	0.761844	0.738677
GIN53	6.9305	7.80651	4.62481	5.832	6.40398	5.61851
PMS2L2	3.28527	2.6441	2.80945	3.10318	3.77863	2.15303
HS1BP3	11.2162	13.3464	13.2148	13.3825	13.777	13.9263
IL22RA1	14.0058	11.9079	17.2893	17.9764	32.9931	26.6857
PSIMCT-1	9.75297	6.79385	7.15932	5.55023	7.05877	6.81432
KRTAP10-9	1.06527	0.319883	0	38.2713	0.169299	148.123
LOC649133	0	0.0852769	0.182537	0.090567	0.0921463	0.0901573
SEZ6L	0.376926	0.732086	0.627091	0.834126	1.33202	1.3508
LOC10028900	0	0.264701	0	0	0	0.0699625
KRTAP10-2	2.37164	0.955248	0	67.6825	1.87686	226.042
NBAS	6.69817	5.50652	6.93865	5.81133	6.28689	6.39528
MIR3977	0	0	0	0	0	0
SLC6A8	30.124	35.4512	28.8534	38.5865	32.3678	29.7071
LOC10013289	1.11809	0.83475	0.807914	0.440373	1.02075	0.593954
PPP1R14A	18.512	38.7301	27.0561	27.7086	14.0084	11.9927
ART1	0	0	0	0	0.0535533	0
LOC10050636	8.60156	4.39252	8.53222	7.45009	10.2484	5.59117

DEFA1	0	0	0	0.203782	0.0691119	0
MYPOP	6.51069	8.53695	5.8893	9.27377	7.83655	6.94535
SNORD116-5	0	0	0	0	0	0
ELMOD2	10.9781	8.46126	10.5755	6.69313	9.4301	8.85639
GATAD2B	9.2362	8.51427	9.27118	10.0207	10.7699	8.96197
RFX8	0.974906	1.13131	0.507381	0.629352	0.5045	0.41767
TSNAXIP1	1.28196	0.987178	0.876535	0.893097	1.07987	1.62349
GIMAP1-GIM	0.274338	5.94822	2.50827	1.37273	1.58308	1.93479
MAGED1	32.5975	28.8527	35.6481	36.8322	35.0681	32.6525
POLR2J	29.6516	52.9407	33.6228	51.2891	34.4326	37.2894
CSRNP1	9.77575	7.46325	12.5688	10.4032	8.51907	7.79368
ZNF844	3.17053	1.46389	3.25348	2.08396	3.05143	3.20509
LOC10050739	0.59619	1.05423	0.709216	0.799733	0.542453	0.212297
C1QTNF3-AM	3.04409	1.45539	2.55682	2.01074	1.97813	2.31453
LOC10050718	0.454053	0.80289	0.343721	0.426349	0.289189	0.141473
OR1S1	0	0	0	0	0	0
CLEC17A	0.225992	0.177607	0.0380168	0.188624	0.0319853	0
PHLDA1	20.4688	9.87901	8.72818	14.3997	8.41608	9.516
GRB14	8.58027	6.79748	7.20272	11.8458	4.51799	4.04985
ABCA17P	0.255462	0.123198	0.0703222	0.0872271	0.147914	0.159193
ALG10	2.15378	1.06432	1.77437	0.981675	1.97699	1.06591
SLC45A3	3.496	3.99247	3.17579	3.99394	5.02846	4.91992
SLC16A14	4.32337	4.34901	6.06139	4.45311	5.14189	4.59104
MIR526B	0	0	0	0	0	0
PSMC2	37.5905	33.2555	31.3928	31.5686	28.8738	30.8843
NUMA1	51.1019	54.8114	69.63	62.3405	78.2312	70.3095
PSMA3	103.099	83.6907	76.323	59.3903	58.0629	63.1217
GUCA2A	0	0.226337	0	0	0	0
LOC10028720	0	0.00739837	0	0.00628586	0	0.00834323
TSG101	53.6318	45.4599	45.9954	47.6952	43.326	47.4363
PRKDC	11.1912	8.38939	11.9811	8.16463	9.30699	8.98331
SNORD30	0	0	0	0	0	0
URGCP	15.0475	18.7627	15.4652	17.6262	19.0528	15.4132
HSPA2	20.8718	17.7512	21.5679	27.4987	14.0063	38.6143
LOC10013089	0.0459074	0.162164	0.173557	0.129168	0.408862	0.171444
LOC10028790	0.0520106	0.0229923	0.0590585	0	0.0331259	0.0324108
LOC10013366	1.51442	2.34317	2.00625	0.711009	0.60284	0.825758
WWC2	3.86536	2.76247	3.62509	2.59109	2.62598	2.49569
LOC338579	0	0	0.127072	0	0	0.052302
SPANXB2	0	0	0	0	0.0769881	0
SPDYE4	0	0	0.0986011	0	0.165916	0
ZNF890P	0.206058	0.174896	0.598991	0.433407	0.337473	0.698533
MIR150	0	0	0	0	0	0

CMTM5	1.0469	1.33056	0.489203	0.54954	1.07724	1.11214
ZNF84	9.54464	7.75806	0	0	0	0
ATPAF1-AS1	0	0	0	0.271426	0.184106	0.270199
FAM197Y9	0	0	0	0	0	0
EXOC3L1	1.21288	1.8945	1.34664	1.63239	1.62224	1.13373
CCDC33	0	0	0	0	0.0311055	0
C17orf79	47.3869	49.3498	42.8662	42.3367	32.2147	26.6641
IKZF2	2.58464	1.85118	3.36712	1.57096	3.52838	2.60988
COX8A	533.226	620.689	483.67	648.528	463.403	492.134
LOC10030240	0.391676	0.423469	0.367302	0.286224	0.405131	0.230369
MBD2	21.9683	23.4749	26.2092	25.2442	22.1513	21.3252
C6orf103	0.0182781	0.0482245	0.0412902	0	0.0754902	0.0566493
GLCCI1	9.61395	7.05936	7.81748	6.42625	10.6118	10.4462
FZD9	0.216875	0.536893	0.591033	0.407285	0.663019	0.567619
MIR1182	0	0	0	0	0	0
MIR4681	0	0	0	0	0	0
LOC10050558	0.220516	1.1698	0.83466	1.65649	1.26403	1.51158
SLTM	41.414	35.635	39.3359	36.8328	41.1741	38.1321
MTF2	8.07604	7.98254	9.10614	7.20791	10.6287	8.7395
CACNA1F	0.0472784	0.153269	0.09544	0.0739894	0.150559	0.196413
LOC642366	0.0872422	0.077134	0	0	0.0277825	0.0271828
TNFSF9	0.827062	0.449992	0.57793	1.07529	0.36468	0.436099
LOC10050760	0	0.0532391	0.0455838	0.0565418	0.0383519	0
ATP6V1D	52.2432	39.8845	34.5884	31.7418	32.4615	37.5301
CSF2	0.162902	0.144028	0.369954	0	0.415014	0
TMCO6	7.70928	10.4407	7.60349	8.35479	10.858	9.42062
C11orf31	42.8283	68.3001	43.7461	55.948	39.8184	42.457
LOC728643	40.5786	50.8677	38.1844	41.5429	42.925	41.6472
NPHP3-ACAD	6.45641	5.77619	5.9358	4.76139	7.85915	5.89484
HP1BP3	80.3418	68.1716	70.8269	65.9717	73.2271	88.8676
CYB5R2	52.9999	64.0145	36.7932	58.0221	54.3413	53.2698
ARHGAP36	0.096376	0	0.0729572	0.0301652	0.0818432	0.0800766
PXN	36.2785	47.0066	40.0349	42.4289	45.7169	37.1126
LDLRAD2	9.14308	27.9962	7.37351	24.2005	14.6954	14.4189
MIR4451	0	0	0	0	0	0
ANKRD24	0.508429	0.513738	0.733111	0.909346	1.2336	1.1768
DSTN	292.704	243.226	229.093	239.761	212.821	238.045
ZNF10	6.78252	6.05509	7.38488	6.98901	8.80796	7.82192
LOC10013180	0.255538	0.22593	0.145083	0.179959	0.203442	0.0796201
XKR3	0	0	0.0475058	0	0	0
NME2	280.33	376.496	266.671	420.544	306.804	281.408
UBE2D3	150.36	127.561	116.217	112.474	114.166	108.884
FLJ31356	0.0700286	0.185745	0.238554	0.361656	0.200707	0.283652

ARL13A	0.279112	0.0744088	0.380397	0	0	0.282663
LRPPRC	29.2061	21.0408	25.7668	20.2851	21.168	18.3347
LOC10013169	1.8339	1.60025	2.04261	1.35577	2.53578	2.56822
RD3	0.0227851	0	0	0	0.014512	0
IZUMO1	0	0.174026	0.0496675	0.123214	0.167151	0.122657
TNPO1	13.4934	9.14635	12.1586	8.69453	10.2852	8.86017
FLJ39534	0.260898	0.290836	0.375304	0.272701	0.365671	0.416097
ASAP1-IT1	0	0	0	0.0898408	0	0
ZBTB9	5.76405	5.22688	5.65007	5.65521	6.23626	6.23979
C1orf220	0.859329	0.72523	1.00534	0.440126	1.26877	1.16836
SLC25A14	4.17277	6.6633	5.70518	5.11832	6.98671	5.66073
LOC10013001	1.75945	3.90969	3.61678	3.48837	3.752	4.13678
SNORD115-2	0	0	0	0	0	0
OR10AG1	0	0	0	0	0	0
PLD5	0.0349342	0.222387	0.165286	0.147614	0.150943	0.0870788
TSHZ1	7.66974	6.31759	7.5846	7.52995	7.67981	6.42505
PYGO1	0.882658	0.234117	0.534541	0.580161	0.787037	0.330021
SNORD116-2	0	0	0	0	0	0
TXNDC3	0.0879909	0.233388	0.299743	0.082622	0.644482	0.164497
TBC1D28	0	0	0.0396127	0.110554	0.0666562	0
PIIB	221.711	249.373	195.541	203.55	196.252	192.553
LOC10050721	1.29715	1.72029	2.27077	1.67476	1.78142	3.66275
MBOAT4	0.254832	0.16898	0.289364	0.358925	0.121728	0.1191
FLJ30430	0	0	0	0	0	0
TACC2	32.1715	29.1571	38.6462	42.9149	32.4321	38.7761
SORBS1	44.6662	45.6013	75.224	33.3905	33.578	27.3089
ERC1	6.79682	5.54037	6.71717	5.62	6.01146	5.68482
SNORD114-2	0	0	0	0	0	0
LOC283116	0	0	0	0	0	0
OR8D1	0	0	0	0	0	0
ZIM2	0.0497084	0	2.36E-217	0.0549296	0.121683	0
ID2B	1.34648	2.12585	2.11205	1.53525	2.14441	2.15761
LOC10013095	1.38094	1.40384	2.33577	1.48854	2.28224	1.73996
CCT3	95.4556	90.1743	73.1319	90.266	80.1283	87.1963
MOSC1	28.1595	27.3906	35.5397	17.0865	15.0086	10.7725
KRT78	19.3002	12.3153	16.0848	10.9733	17.8935	21.3692
ZNF322P1	2.04254	1.39598	2.03771	1.82974	2.0094	1.85038
MIR450A1	0	0	0	0	0	0
MSTN	1.06293	0.501214	0.643716	0.83173	0.902649	0.706532
RRM1	34.6302	31.6869	28.0459	29.5479	27.8812	30.8728
CXADRP2	0.653559	0.649919	1.7607	0.868671	0.901033	0.686553
FSD1L	1.27447	0.405313	0.616807	0.659016	0.800646	0.676752
FRY-AS1	7.67E-13	0.0375551	0.06431	0.0398848	0.0270536	0

NDRG1	156.585	158.328	169.721	172.033	215.06	220.165
BDNF	0.312183	0.605487	0.433728	0.43023	0.604987	0.84963
LOC400680	0.364382	0.253129	0.531976	1.58855	0.116039	0.113534
SPEF2	2.63962	1.85853	2.23673	1.82721	3.25045	2.24562
SLC37A1	5.35189	4.39179	4.43957	5.14571	4.9395	3.47486
GFRA3	5.21482	3.27971	4.51741	6.86538	5.71819	6.39884
FAM127A	76.5505	109.288	90.4523	100.076	95.7982	98.0128
TSPEAR	0.393465	0.587042	0.428167	0.831279	1.42529	1.17998
MIR1302-1	0	0	0	0	0	0
MIR627	0	0	0	0	0	0
SPOCK1	3.121	2.37025	2.46863	2.38579	1.35067	2.14435
PAK7	0.189318	0.276022	0.236332	0.235263	0.198838	0.245926
TMPRSS3	1.28653	0.722298	1.71154	1.26023	1.924	1.23578
ALDH5A1	14.3586	10.4879	11.0969	9.3851	10.3921	10.8892
SLC15A1	60.1048	50.2555	57.9319	51.5682	63.5731	75.39
DRAP1	92.8081	118.283	84.661	98.9839	78.6151	90.6674
WISP2	26.7651	31.0033	80.693	23.9665	52.0794	25.3809
VSTM1	0	0	0	0	0	0
PACSIN2	34.332	27.1055	30.8548	33.3889	33.0672	32.1377
CD63	374.804	374.215	363.7	316.59	311.931	256.612
SLC36A2	0.230232	0.127223	0.152501	0.0540461	0.128307	0.125537
LOC10012905	0	0	0	0.0338409	0.022954	0
AKR1C2	109.844	130.02	125.797	72.4918	56.2915	43.7928
MIR3591	0	0	0	0	0	0
NKX3-1	1.20372	0.691763	0.979562	0.960731	0.517492	0.675095
LOC10028771	0	0	0	0	0	0
PEX7	14.4884	11.7154	11.574	11.6218	7.79023	7.30449
MANEA	7.12827	3.24387	5.26917	2.5789	4.08603	4.06316
LOC10050724	0	0	0.329145	0	0.276926	0.135474
HEATR5B	10.0873	9.03015	11.5338	8.37837	11.1962	9.783
SSX1	0	0	0	0	0	0
CLDN17	0.357347	0	0.135257	0.838857	0	1.44744
NBPF7	0	0	0.0139227	0	0.0316273	0.0137532
LOC10019231	0.123412	0	0.0934232	0.0579407	0.0393008	0.0384524
COMMD8	15.7091	15.8048	14.2351	9.80953	12.9132	13.7918
RAD54B	2.01898	1.88567	2.78537	1.44027	2.58248	2.07163
WDR3	12.3208	8.95519	9.42226	6.57707	8.2965	7.59928
LINC00476	4.25093	6.51654	3.8021	4.17103	3.18584	2.74061
NLRC3	2.1476	1.55594	1.41123	0.658182	2.33668	0.780669
IKZF3	0.342924	0.263187	0.615341	0.0447209	0.487526	0.133559
C11orf49	13.2569	15.8996	19.848	22.5786	22.4939	20.0398
MZB1	0.301335	0.532843	0.456225	0.848846	1.63134	2.34724
LOC284861	0	0	0	0	0.151989	0.0148708

LINS	6.94864	7.70607	6.71962	5.69493	8.82567	6.85807
C6orf162	3.56831	2.4128	3.87678	2.60188	3.98349	3.81904
MMGT1	14.9164	12.9505	13.9977	14.3343	13.232	11.238
SLC4A1	0.0778978	0.172181	0.0737113	0.256007	0.0620169	0.497562
C16orf73	0.123804	0.175779	0.517715	0.656987	0.28312	0.23986
MIR4654	0	0	0	0	0	0
CD2BP2	22.5915	29.8211	23.5643	30.3666	31.0947	29.3162
DNAH14	1.1619	0.327397	0.833651	0.634355	0.521835	1.09035
CTNNB1	116.457	93.7521	104.039	113.83	103.087	135.025
RIN2	17.8496	15.0531	16.9418	16.5671	18.2037	16.8272
OR51A4	0	0	0	0	0	0
LOC10028831	0	0	0	0	0	0
SULT4A1	5.74061	5.90932	3.94221	3.0802	1.77588	1.45647
LOC10014459	0	0	0	0	0	0
NWD1	0.583693	0.329403	0.385451	0.384821	0.189834	0.247648
CDRT15L2	0	0	0	0	0	0
EPB41L3	5.45197	5.32158	5.03513	3.93162	3.5974	2.81307
NRM	15.3228	24.1145	13.6293	21.6537	19.1768	15.6118
RCHY1	6.95704	5.63107	5.70326	5.55277	6.42804	6.03385
LOC10012981	0.371859	1.20551	0.656832	0.814729	2.13155	0.772422
PDE3B	11.4005	9.01054	14.5739	3.62727	5.22074	2.52467
LRRC16A	5.75259	3.58903	4.43082	3.63779	4.06735	4.78927
TMEM93	33.7039	40.5677	31.6213	41.8603	33.3278	36.128
CCDC93	10.4999	8.66364	10.7263	8.72361	12.8147	10.003
BEND4	0	0.0381027	0	0	0.00686159	0.00671348
RGS4	0.181642	0.275309	0.235721	0.127918	0.116374	0.021223
HEYL	2.79241	2.44795	2.63338	3.04422	2.01966	2.94934
STAP2	78.7107	107.412	80.9782	107.16	85.8247	88.9059
ZNF517	3.40972	6.36007	5.83485	6.8611	8.22961	6.44356
SCRN1	10.39	9.0893	10.7776	9.75702	9.18757	8.39015
SLC38A7	3.57074	3.2208	3.52218	2.84486	3.26202	3.30399
LOC158572	0.844774	0.982758	0.572183	0.709732	0.792903	0.609547
MIR4734	0	0	0	0	0	0
VAMP2	67.7659	65.128	76.7148	85.4666	87.4719	71.9224
SNORD89	0	0	0	0	0	0
MIR4732	0	0	0	0	0	0
RIMS3	4.55181	3.7918	3.81422	4.26173	4.41564	5.46804
MIR1305	0	0	0	0	0	0
LOC283887	0.447016	0.69259	0.549889	0.118052	0.355884	0.488152
MIR4267	0	0	0	0	0	0
RPN2	92.7408	71.2911	73.6074	68.5201	68.3951	75.4146
C6orf48	166.918	221.853	161.489	206.059	175.317	152.954
LOC10013029	0.618351	0.546707	0.234048	0	0.787663	0.38533



LOC10050580	4.76781	6.96456	4.18464	6.61802	6.51338	5.38242
RPLP0	978.942	1702.73	1173.07	1896.23	1146.45	1163.89
CDK9	30.6579	51.3564	35.2765	42.3749	46.6806	40.1199
LSAMP-AS3	0	0	0	0	0	0
SUPT7L	14.593	14.1734	13.491	12.5393	17.6612	18.0524
SMC2	3.81122	3.5529	4.50794	3.11266	4.06953	3.84615
C1orf194	0.53602	0	0	0	0	0
WTH3DI	3.60839	2.15836	3.17667	2.50982	3.25148	2.86486
SCARNA20	0	0	0	0	0	0
TMEM72	0	0	0	0	0	0
VSTM4	8.16174	6.71159	7.30789	5.0244	7.63336	4.76325
MIR3941	0	0	0	0	0	0
KRTCAP3	11.4212	15.3406	12.0081	20.0502	18.8712	16.0684
SFTA3	0	0	0	0	0	0
TRAK1	23.3281	23.7893	26.1944	30.8793	29.6281	28.6533
MRPS12	32.6681	41.9143	25.3725	36.1575	30.2185	27.9844
MCCC2	48.4851	31.2485	31.8236	27.8771	30.1102	30.6516
TRIM44	12.2443	8.35175	12.0141	7.62975	9.50926	7.33718
SSR3	42.1934	35.4406	35.9307	32.8755	28.2496	29.4627
LOC10050711	4.91493	5.40399	7.10736	5.73922	7.46468	5.1439
RANBP2	13.915	9.52251	12.4584	9.68775	10.9979	10.5022
FAM127C	13.4983	12.9663	12.3311	14.3424	12.12	12.1325
CDK18	5.17645	8.5445	3.77882	5.20673	6.94581	6.48256
RBM12	10.9552	9.46826	9.64253	9.15492	9.02086	8.56623
CEP55	1.9642	2.79946	1.45759	2.10905	2.14483	2.39794
BK250D10.8	0	0.126348	0	0	0.182035	0.178105
SIGLEC10	1.27519	1.2716	1.31621	1.12761	2.04837	1.91741
CA9	1.37579	3.28425	2.39541	3.68176	5.73943	5.78701
CNTNAP2	0.562475	0.0590023	0.0360845	0.0626625	0.133582	0.172285
MB21D1	1.62763	1.33626	1.05611	0.709577	0.629393	0.470911
CDH4	0.0324302	0.143364	0.171849	0.334966	0.268514	0.343555
RBMXL1	10.7843	8.6976	10.2577	7.96664	10.1056	9.53353
C2orf16	0.416194	0.29983	0.303392	0.173689	0.206171	0.230537
MIR484	0	0	0	0	0	0
RBM46	0.0400088	0	0.0605738	0.0375676	0	0.0249318
CYP8B1	0.172924	0.0218412	0.0748027	0.0927847	0.0472013	0.0461825
PPIAL4G	1.93912	3.65058	1.97459	2.31739	2.83908	1.64975
LOC10050714	0.246938	0.0436653	0.186933	0.0927482	0.188731	0.123105
BTF3	427.433	556.259	476.817	613.387	452.377	452.024
FLJ39639	1.44932	2.26991	1.91217	1.32201	2.92748	2.58044
PCP4L1	31.6633	23.0029	18.5979	14.4	24.1999	22.3462
MIR140	0	0	0	0	0	0
LOC440518	0	0.0448659	0	0	0.0323201	0

MIR378G	0	0	0	0	0	0
TRIO	6.26716	5.36991	7.96061	5.34821	7.28465	5.27807
SRR	8.9372	6.96792	4.71068	4.89558	5.18888	5.34054
C19orf23	1.77853	2.28722	2.32553	2.65684	3.08934	2.51888
GNMT	4.54114	0.76476	1.39144	1.01525	0.826365	0.74115
LOC124685	15.6685	5.40609	10.4147	7.53566	9.97935	10.4784
C19orf67	0	0	0	0	0	0
ENPEP	2.83759	2.23575	1.88504	2.21132	1.67204	1.08261
OR2B11	0	0.110332	0	0	0	0
GYPC	57.0761	72.0246	53.7499	33.3863	42.0817	29.9535
LOC10065283	0	0	0	0	0	0
SNORA36B	0	0	0	0	0	0
DOCK4	2.96558	2.10963	2.69223	2.26184	3.09733	2.0392
OR2T2	0	0	0	0	0	0
DCAF4L2	0	0	0	0	0.0377783	0
LOC728888	26.9645	44.3076	19.0096	34.4082	29.7814	27.911
H1FX	72.4313	112.678	84.964	137.434	102.837	93.8334
DEFB123	0	0	0	0	0	0
KAT2A	43.9505	68.3116	56.729	58.3246	71.5832	60.4125
SELP	5.49156	5.6829	2.97613	2.16807	2.64308	1.06941
AKT3	5.12049	4.82736	4.9045	4.25868	5.40345	4.47233
LOC401074	4.27099	2.88513	2.96485	2.24882	4.19407	4.36726
CD97	10.1204	13.6309	11.155	7.5712	11.7845	8.07209
CKMT1B	62.7003	62.5802	58.4338	65.0593	67.3959	76.037
BCAS1	3.5378	1.37628	1.49975	2.6044	1.0455	2.09878
MIR4481	0	0	0	0	0	0
KRT222	0.788986	0.536593	1.19453	0.227952	0.541164	0.983325
GK5	35.4698	21.8838	25.192	20.8911	21.2555	20.4356
UBXN8	5.34202	6.58569	6.32221	5.72256	5.46294	5.20436
KRTAP17-1	3.26959	1.44538	0.371265	73.0683	1.24945	181.029
BST1	3.06268	3.03019	4.02971	2.05415	2.32219	1.81765
MIR7-3HG	0	0	0	0.156556	0	0.103898
PHKG2	10.3035	14.3713	10.6751	15.0938	13.1066	13.3824
LOC341056	1.86426	1.60371	1.06797	1.56126	1.82917	1.94667
DISP1	1.68512	1.871	2.41779	1.93187	1.92188	1.55072
ZNF205	9.38432	14.7667	10.6745	15.3963	13.1357	15.3958
CADPS2	3.5676	2.00751	2.54184	2.67807	1.76474	1.49892
BAG6	56.886	62.7489	57.8944	63.9125	64.9613	65.8532
LOC10050706	1.05168	0.464913	0.398063	1.15209	0.669819	0.546134
MST1	7.89169	14.4301	12.4542	14.8205	15.4213	13.8748
LOC339529	0.174719	0	0.0440878	0	0.0741864	0.0362925
PSMD4	54.0891	70.2608	49.1349	58.1809	55.5051	55.0789
LOC10050750	0.26252	0	0	0	0.501602	0.490775

TRPC3	0.358397	0.117845	0.0224219	0.027812	0.172479	0.11536
LOC339352	0.360715	0.318921	0.364084	0.338705	0.306322	0.524492
NRGN	5.53571	10.602	4.45644	5.37111	5.28775	4.94373
PGAP2	54.4658	66.9989	44.8229	57.851	55.6908	55.2246
ACYP2	13.712	13.4973	11.7641	12.017	11.1786	9.74102
FAM59B	1.81586	3.08049	1.98609	2.22436	2.41722	1.67581
YARS	26.695	25.1473	20.208	23.1253	19.5719	20.8941
STAG3L1	13.7691	12.1617	14.4946	12.1169	15.6093	14.7758
LOC728769	6.05722	6.83944	4.91682	3.08366	5.39173	4.41128
LOC10050721	0.150878	1.16E-10	6.00E-11	0	0.0307017	0.0314512
PTPRC	8.36647	6.07593	6.23707	1.77627	8.89338	3.97211
LOC10050549	4.67172	4.17116	4.55453	3.495	4.66841	2.44698
MEGF10	1.11113	0.403872	0.523371	0.765112	0.49538	0.569315
FAM19A4	0	0	0	0	0	0
ARHGAP35	10.7763	9.96037	12.5225	11.8768	10.9762	10.4078
ZNF428	17.5085	25.7065	15.3426	18.727	20.6604	22.4879
EFNA3	51.277	50.593	65.0217	87.415	75.266	71.7459
KIAA0913	24.8935	27.1865	28.9826	27.7942	35.1775	37.3772
CENPJ	1.45161	2.10613	2.16958	1.79991	2.05058	1.78597
OR2V2	0.125812	0	0	0	0	0.156801
CYP11A1	0.597343	0.297074	0.29302	0.395442	0.598722	0.262435
MIR4471	0	0	0	0	0	0
CCDC157	0.434187	1.33181	0.867635	0.978663	1.39192	1.27792
C16orf42	37.5657	54.5074	38.2881	56.1159	47.0931	46.6597
DPY19L4	8.24759	6.49232	8.59928	5.64273	7.3424	6.26681
OCRL	12.5704	10.8983	13.9187	10.6054	13.0221	10.99
HIST2H4A	6.11025	1.83481	2.70914	4.77215	5.18446	3.80765
DDX24	42.6938	41.1896	41.298	38.0389	39.8418	35.3845
COX7B2	0	0	0	0	0	0
RTN4RL2	0.880132	2.80137	0.932771	2.80986	2.24224	2.08415
STIP1	51.7031	42.509	36.8186	38.9085	33.6697	39.8615
CHN2	1.72744	1.9408	1.94484	1.35236	1.48405	2.87427
POLR3D	7.80444	8.80369	8.67865	8.0358	8.91296	8.4187
HNRNPA1L2	47.5448	53.7474	49.0978	54.5973	50.8446	44.2279
CASC2	0.700707	0.529428	0.55823	0.251358	0.534403	0.820595
CENPP	3.78097	6.92761	3.88448	6.19855	4.16321	3.66631
PMP2	3.2736	1.11881	1.72845	1.23988	1.38414	1.23427
THPO	0.312758	0.474055	0.401568	0.396472	0.777964	0.228399
LOC10050610	0	0	0	0.208056	0	0
LOC10028691	0.113161	0	0.0753615	0	0.0978785	0.124074
SAP30	6.60265	5.56401	2.96771	4.16548	4.46809	3.98591
ZNF761	6.27381	6.11645	6.52231	6.08359	7.08708	6.77494
GLB1L2	6.79745	6.14027	7.7067	11.127	8.45282	14.5596

ANKRD32	2.38489	1.9952	2.11598	1.42068	1.95997	1.58204
PNPLA7	10.9106	18.8405	18.2267	19.7402	23.2079	20.6123
C17orf57	1.24191	0.931446	1.86256	1.08879	1.35414	1.01541
CHURC1-FNTI	7.07172	11.6959	7.95435	10.0013	9.09273	8.33718
ANKRD16	3.86474	5.81137	4.53048	5.74612	3.02642	4.04493
RYR1	0.882567	1.15699	0.907685	1.20018	1.00401	0.713061
BTG3	33.5839	37.9989	36.5199	34.1916	34.3249	41.1262
MMP19	8.51729	11.7193	10.2792	7.9252	13.3555	8.74206
SPRR2B	98.9884	52.4815	9.18514	35.1461	42.3812	30.1143
LOC401164	0	0	0	0	0	0
MIR3614	0	0	0	0	0	0
PCDHB6	0.303795	0.403249	0.834009	0.769844	0.620245	0.399494
ZBTB47	8.24719	10.7448	12.6183	9.52853	10.0945	7.584
NADKD1	11.9656	10.8539	10.067	9.85843	9.55111	8.47189
LOC10050728	0.421164	0.452159	0.387143	0.197733	0.574803	0.524903
KCTD9	16.4777	14.6326	17.7079	14.0724	16.3491	13.1156
HMCN1	1.52795	0.843187	1.83203	1.04956	1.90386	1.60715
GPX3	462.648	514.435	213.268	213.773	190.125	243.52
LOC10050762	0	0.0534484	0.091526	0	0.115508	0.113015
TBC1D2B	16.2564	17.8719	21.2301	13.3546	22.3545	16.006
NDUFA10	32.3141	33.1292	28.5786	30.9323	27.333	25.7847
PRSS22	21.0322	22.5651	15.3252	14.1275	17.2586	22.433
ARMCX4	2.93177	3.33043	3.20126	3.3702	4.73039	3.3771
IL17RD	2.33262	1.80337	2.86635	2.08842	1.87953	1.87276
HTRA1	59.8577	66.7952	92.5682	82.3073	85.2848	75.5974
BEST4	1.32425	3.16555	2.71037	4.46721	5.31044	5.80708
MND1	2.41346	2.24614	1.05774	1.78911	2.75068	2.45384
C1orf151	17.6046	18.644	14.6711	14.9424	12.3598	12.7857
LOC284023	22.4061	25.0715	33.0765	32.7773	43.1148	32.8592
ABHD5	87.6553	74.0538	62.3587	50.4195	42.2857	66.81
B3GNT2	13.5808	8.98131	11.1903	14.1197	10.2729	10.3008
LOC388152	7.19542	12.4909	8.57099	14.5255	11.6312	13.5314
LOC10028862	0	0	0	0	0	0
MIR3910-2	0	0	0	0	0	0
HOGA1	1.25414	1.40924	1.76003	1.88976	1.44967	1.58748
KCNMB3	2.64474	3.35235	2.57405	1.40912	1.97802	1.90618
CXCL13	3.64087	1.98094	0.424024	0.262978	0.47567	0.174526
C19orf69	0.504624	0	0.191001	0.236917	0.241048	0
STYK1	1.75898	1.05635	0.778836	0.747919	1.5642	1.26157
LOC10050582	0	0.024402	0	0	0.0175785	0.034398
ART3	0.985687	0.928736	0.484398	1.12161	1.6506	1.13376
UPRT	5.54314	3.50154	4.55908	3.65323	3.91416	4.02188
TRPC4AP	45.9381	47.6763	47.1522	44.7389	49.1946	43.7811

MIR4293	0	0	0	0	0	0
OR2T12	0	0	0	0	0.0588933	0.0192074
SEC14L2	10.9014	10.5035	7.20673	12.0319	11.1905	12.9054
PIP4K2C	25.3086	21.6126	18.4961	23.0079	20.1342	19.9669
TTN	0.358792	0.322942	0.380231	0.258395	0.432605	0.322358
SLC23A1	2.16253	1.60209	1.04251	1.25983	1.70764	1.64385
ZNF749	1.49579	1.1722	1.77569	1.14916	1.42902	1.41935
EXOC3L4	1.01385	1.68934	0.826532	0.659072	1.16728	0.777589
AGTR2	0	0	0.0260222	0	0	0
KCNK2	2.32286	1.17323	1.66661	1.27512	1.97856	1.25959
PKDREJ	0.0867579	0.306823	0.318999	0.302582	0.402584	0.355277
ADRA1D	0.263496	0.532496	0.227964	0.494838	0.239746	0.304943
CAPRIN1	38.9019	32.6674	35.9169	31.6909	31.2236	29.4114
CASKIN1	0.493561	0.625124	0.813187	0.943983	1.03982	0.970644
IL25	0	0	0.330038	0.0909721	0.277677	0.241496
ACCSL	0.172434	0.0508184	0.0435111	0	0	0.0358178
OR13C4	0	0	0	0	0	0
PYROXD1	7.8324	7.14875	6.3179	5.01696	5.99376	5.54176
RHPN1	5.08785	7.76141	5.78727	9.15876	8.66366	10.7108
ADRA2A	4.66251	5.70436	6.31502	4.96964	6.03546	5.77954
DBN1	22.543	21.3056	27.4968	29.1607	19.0463	24.4087
TMCO3	18.2214	12.6344	14.8884	15.0275	14.7778	14.9662
FAM84B	17.8199	12.4245	13.6224	15.4822	11.5281	12.2729
CUL5	11.392	8.9882	10.7628	8.2964	9.66463	8.17968
ANXA8L2	68.3005	91.9501	78.3585	89.6469	107.374	100.223
RNY4P8	0	0	0	0	0	0
LOC10050591	0	0	0	0	0	0
TFDP2	6.41497	6.57273	7.82651	7.04028	8.20212	6.46383
COPG	44.5023	35.2945	40.1135	36.3628	37.5313	36.5737
OR8H2	0	0	0	0	0	0
ZNF311	1.56061	1.83972	1.77208	1.18626	2.03525	1.59769
MIR760	0	0	0	0	0	0
RCVRN	0.67254	1.44407	0.581847	1.08258	1.10146	1.43691
PDK2	18.17	27.0727	25.0586	24.2722	26.4475	24.1345
ICK	6.61763	4.94015	6.67549	4.26472	6.82915	6.09807
ACBD3	18.4808	14.5863	18.7437	15.7239	16.9629	15.7386
C19orf29-AS1	0.768931	0.846341	1.35856	1.16851	0.97558	1.19915
ST6GAL1	18.9649	8.63102	8.70245	7.86474	9.94103	8.0023
IMPACT	11.4813	8.76994	11.8053	10.6341	9.33545	8.03073
OR51E1	0.989342	1.35439	0.579822	0.209769	0.243916	0.298314
NUPL1	12.3359	11.1455	11.6638	11.4129	13.6218	10.1227
C9orf30	11.2303	12.1275	11.0542	11.5378	9.69897	7.91435
LOC10050731	0.916206	0.810051	0.351016	0.724712	1.47373	0.570941

ITGA2	6.08807	5.85167	6.4248	6.99576	7.05632	6.38565
LOC646719	1.18627	0.947325	1.10079	0.682705	1.5842	1.2877
MIR1268	0	0	0	0	0	0
KIR2DL1	0	0.0147433	0.0504932	0	0.107534	0
NUF2	3.00442	3.45505	2.53037	2.23609	2.38156	2.82453
OR6B2	0	0.112617	0	0	0	0
DOCK11	5.30102	5.2584	6.3728	2.19877	3.16581	1.80835
ZNF576	5.99025	6.43445	5.29736	6.14158	6.48254	5.58158
TRAPPC2L	55.5127	68.9628	44.0462	62.0909	49.0641	45.9242
NXF1	66.0084	76.8938	65.1476	68.8546	77.4655	76.1346
LOC10050714	0	0	0	0	0	0
IMP5	0	0	0	0	0.0298572	0
ZNF286B	1.40079	1.1767	1.29432	1.54462	1.58614	1.34518
LOC10050593	0.693171	1.01526	0.876158	0.569777	1.39964	1.30685
C22orf24	0.0893771	0.0790216	0.270636	0	0	0.055696
ZNRF4	0	0	0	0	0	0
BCL2L13	18.7633	18.2457	21.8562	17.0138	17.9537	16.5629
C22orf13	25.5419	27.2	25.6775	25.5414	25.4844	21.968
PSME3	43.8241	34.9683	36.1738	35.556	32.5488	31.588
TSPAN9	19.2744	24.017	19.9276	23.4427	25.3488	21.9306
RPL37A	2667.11	4048.74	3060.31	5166.74	3153.13	3088.24
LOC284080	0.557224	0.774184	1.32573	1.75654	1.44495	0.644871
MMEL1	0.262627	0.763158	0.267144	0.324682	0.235776	0.234412
C3orf72	0.0956143	0.126804	0.217142	0.134671	0.395832	0.342601
OR6M1	0	0	0	0	0	0
FLJ46066	0	0	0	0	0	0.0361329
LOC147646	0	0	0	0	0	0.0521124
MIR548H1	0	0	0	0	0	0
LRIG2	3.0594	3.06988	4.77901	4.0127	4.91777	2.79921
ASXL1	13.8457	14.733	14.5352	15.0806	16.6223	12.4559
SNAPIN	39.8148	48.6261	41.2084	45.8342	40.6879	37.2164
MIR4264	0	0	0	0	0	0
PPPDE1	11.8725	11.5698	11.8513	11.863	11.0167	10.0079
WDR1	93.3358	85.256	80.7478	89.2641	76.0787	82.6532
LOC728763	0	0.017898	0.0153244	0.0190083	0.128932	0.0308856
C14orf93	8.43206	10.1195	7.5234	12.123	9.12989	7.78335
MRPL14	71.4566	76.4243	68.3018	80.3922	66.5888	66.7931
BNC2	1.32123	1.55967	1.69811	2.06542	2.54762	4.13929
SLCO4A1	5.39449	6.1934	6.37981	8.62011	8.9299	9.52764
NHLRC3	12.7189	12.9385	14.9146	9.55155	15.8178	12.2567
LOC729032	0	0	0	0	0	0
CSTL1	0	0	0.13396	0	0	0.110274
LOC10050726	0	0	0	0	0	0

PATE3	0	0	0	0	0	0
SCGB2A1	6.3232	1.33109	5.69845	16.964	0.575326	1.87636
MIR4791	0	0	0	0	0	0
DPRXP4	1.01301	0.895642	1.0736	1.71217	1.16135	0.631267
AGAP1-IT1	0	0.544559	0.155419	0.38556	0.392284	0.255878
HOXB8	0	0	0	0.215481	0.0365398	0.071502
LOC10029396	0.298042	0.26351	0.11281	0.279857	0.284737	0.185727
LINC00301	0	0	0	0	0	0
CCDC116	0.233326	0.330068	0.317933	0.306725	0.386378	0.232638
ZNF823	4.86689	5.31326	4.64537	4.56993	5.6065	4.95803
TOX4	19.8482	20.1024	20.2576	18.9376	18.9123	20.5382
FLJ33065	0.097163	0.730196	0.294212	0.410555	0.216593	0.272465
XPO6	23.0507	24.9951	20.5377	21.4589	20.995	17.6034
HABP4	11.4534	13.194	11.1838	12.366	9.83721	8.22996
UQCRHL	207.399	212.123	192.203	213.227	180.788	183.108
DISC1	0.863203	1.16196	1.15554	1.04899	1.12227	1.04101
FGFR3	75.7457	113.368	119.525	124.393	137.629	118.528
SLC7A9	0.315187	0.998781	0.585654	1.05847	0.560987	0.31318
LOC10050628	1.54852	0.342276	1.83162	0.545263	0.862978	0.723729
ZNF630	1.24435	1.1858	1.42719	2.40796	1.98869	2.06981
CD300A	3.03102	2.77729	2.92027	2.84608	3.82585	2.74735
NDUFS4	113.382	99.774	114.088	118.419	98.6623	91.2159
HEATR4	4.32673	3.50473	1.96615	2.3228	2.83107	3.57368
EPB41L1	10.7068	9.16491	12.226	10.4914	9.99011	7.28754
C4orf14	15.2941	20.3823	19.4207	21.6888	19.5961	18.3067
ANO10	33.1128	24.9716	26.5896	29.4483	23.9847	32.4216
HSD3B7	19.1209	25.23	17.4859	17.9166	16.0845	13.3758
EIF5B	48.0591	41.9631	37.4405	36.5523	36.1148	36.9642
ENOX1	1.19075	2.69419	0.67663	0.25131	0.829351	0.487667
ARMC8	11.8015	10.7469	12.0204	10.4338	11.7224	10.3737
LILRA2	0.744858	0.292139	0.293124	0.467469	0.780066	0.620474
PYCARD	72.9262	104.545	65.5064	96.3725	74.9132	91.0181
NRSN1	0	0	0	0	0.0535891	0.0262162
PIK3R3	11.6043	6.95539	5.89012	6.67049	5.49515	5.29565
FAM90A20	0.234515	0.0691144	0.074895	0.0999081	0.163928	0.12527
SNORD64	0	0	0	0	0	0
LRRC68	26.934	34.9302	27.9001	36.0842	31.8684	37.8115
TFE3	27.9874	32.625	30.8568	26.0616	27.9769	27.0654
FAM201A	0.365108	1.12982	1.42801	2.28554	0.930157	0.492959
PRSS44	0.237705	0.0934062	0	0.496003	0.274755	0
SH3KBP1	15.6378	15.6406	18.3276	11.8449	16.7258	14.503
MIR3134	0	0	0	0	0	0
GDF5	0.768648	0.679591	0.806758	0.761559	0.5706	0.399816

TSPYL6	0	0	0.048503	0.0601628	0	0.0399271
NBPF14	20.3211	18.9019	21.1927	16.1488	21.5622	19.6931
OR1D2	0	0	0	0	0	0
ANGPTL3	0.0482765	0	0	0	0.0922428	0
LRRFIP1	36.5219	32.8617	30.3699	30.3386	31.927	30.3797
LOC10012810	0	0	0	0.310764	0.210617	0.412101
MIR4520A	0	0	0	0	0	0
OR10Q1	0	0	0	0	0	0
ADARB2-AS1	0.214868	0	0	0	0	0
CSN2	0	0	0	0	0	0
LOC10017093	1.71986	1.38282	2.43804	2.26003	2.32949	2.42062
LOC10050739	0	0	0	0.151463	0	0.0335061
NOD1	6.5306	7.48897	7.06476	7.71069	7.1382	6.33943
ZFYVE19	14.9682	21.386	13.1151	18.5522	18.4145	19.5008
CD8A	5.94081	5.40124	1.3162	0.309892	2.32181	0.525909
SNRPN	5.55E-07	1.14E-14	4.69E-07	9.33E-17	3.55E-07	4.52E-07
ANGPTL4	50.4566	80.8173	29.3059	38.362	49.8723	47.0544
KLF15	9.70531	11.547	8.61682	10.1632	5.36736	6.17238
ERAP2	3.79052	4.61411	9.30106	5.33019	3.19558	1.56336
MYH1	0	0.0983239	0.0841857	0.0447529	0.141854	0.00990009
TNFRSF18	7.77326	19.8355	14.9834	21.1206	25.213	17.1237
LOC10063091	14.486	23.2047	11.353	15.8425	13.7851	11.4697
LOC10050641	4.39889	3.38193	1.78564	2.6938	2.96423	2.82066
FBXO22-AS1	24.9853	20.1612	11.1459	13.9331	20.7938	14.7105
TMEM223	16.7419	22.6046	16.7274	18.23	16.2791	16.2372
OR1D5	0	0	0	0	0	0
ITGA7	42.1191	59.0963	61.4251	44.5934	44.0515	30.3062
FLJ46836	0	0.0268073	0	0.0284703	0	0.0188944
FLJ39061	0.0187541	0	0.014197	0.0176098	0.0119446	0.0818074
TMC3	0.119514	0.0528335	0.0545928	0.0841665	0.0269531	0.0186191
NBPF11	12.989	14.8573	15.1768	15.3167	17.5227	15.0607
TMCC2	1.94788	1.98281	2.38862	3.04789	2.61114	3.6402
PHOSPHO2	4.84574	4.93472	4.59559	4.20492	4.16467	3.69456
LRRC27	5.23976	7.53977	3.9911	4.31538	5.21435	3.43133
ZNF323	4.89934	5.48264	4.32843	4.10007	4.78189	4.64879
GATAD2A	19.7156	21.2584	20.6208	23.6251	20.3539	20.2202
ECM2	14.4571	13.7933	30.8324	11.5668	18.4063	10.4499
LOC10050651	10.183	15.8806	13.7042	17.7956	27.5639	22.4742
CLEC2D	13.1346	14.5734	10.3428	9.83381	14.2122	10.993
SPINK13	0	1.10827	0.711681	0	0	2.14811
LOC10050624	0.21057	0.279259	0.637611	0.494305	0.268227	0.0656092
LTBP1	18.6939	10.2569	15.1838	9.44895	16.3197	12.2942
ZNF300	3.68727	4.87675	4.22117	4.40226	5.48574	4.8126



OR5K1	0	0.110632	0	0	0	0.0389877
AANAT	0.391182	0.547987	0.313664	0.102031	0.527501	0.531582
LOC10050617	0	0	0	0.204617	0.13879	0
LOC10012946	0	0	0	0	0	0
ADIPOQ	146.895	123.842	198.69	70.2169	62.7941	44.3855
SPATA5	1.28061	0.771976	0.898923	0.907318	0.800796	0.769001
MIR3688-1	0	0	0	0	0	0
MIR100	0	0	0	0	0	0
BPIFA4P	0	0	0	0	0	0
TCAM1P	0.149976	0.318237	0.0454129	0.0281649	0.229249	0.206076
LOC728393	0	0.00739837	0	0	0.0085273	0.00417161
PLOD2	6.74507	6.17407	8.44764	5.02488	4.78539	4.73798
WNT2B	2.62408	1.48814	3.18547	2.41871	3.85516	3.33229
MYL6	938.303	1084.57	903.491	979.266	873.258	967.779
FLJ33996	0.488347	0.678489	1.18826	1.11362	0.844227	0.760793
MIR3156-3	0	0	0	0	0	0
NDRG4	17.1407	21.0957	10.4491	15.161	11.2519	12.6265
C12orf37	0	0	0	0	0	0
NFKBIE	5.03028	6.55052	4.16218	4.17412	8.04679	4.54404
HLA-H	48.6484	55.444	36.5247	26.9987	49.0056	28.5693
OR5H15	0	0	0	0	0	0
FAM129A	19.813	10.0777	8.84715	8.37893	8.5732	8.82512
BOD1L	7.38056	5.03232	7.23305	5.41162	7.94645	5.71287
SNORA41	52.4327	92.7154	119.076	49.2335	133.579	65.3477
KIAA1245	2.82141	2.44209	2.66096	2.10836	4.00603	2.89729
NPHS1	0	0	0	0	0.0366608	0.0119565
OR6C1	0	0	0	0	0	0
MIR3943	0	0	0	0	0	0
LOC392288	0	0	0	0	0	0
FRMD5	0.136476	0.0402211	0.0688754	0.0427162	0.376663	0.141743
UBE2V2	33.3326	32.212	28.8605	22.1672	24.9999	24.8116
PPP1R12B	17.8625	16.5482	14.4786	14.0635	14.3254	10.5315
ASB2	2.69717	3.37718	1.57917	2.33825	1.92391	1.81517
MIR138-2	0	0	0	0	0	0
SHMT1	41.185	40.0609	38.2289	39.0661	26.2051	26.7269
EIF2AK4	7.50779	6.23235	7.78011	5.56129	6.37937	5.42753
NAPSA	1.17556	1.73298	0.830579	1.25216	1.3477	2.14913
LOC1001327	1.28253	1.49972	0.908247	0.971192	0.922253	0.696095
PORCN	4.63028	6.03999	7.18043	7.91247	6.65252	5.9109
TRIM15	0.459221	0.730826	0.10429	0.431201	0.263232	0.572334
ARFGAP3	20.778	14.8276	17.2457	14.6681	15.5968	14.6152
NLRP11	0	0.0213218	0.529422	0.384957	0.153596	0.0300561
ANGPT2	1.32731	0.790368	1.07171	0.665785	0.92493	0.768975

CHRM2	0.0412429	0	0	0	0	0
KBTBD10	1.35375	1.88602	1.36639	0.770391	1.72442	1.53381
DDX26B	9.37148	11.6538	9.78585	7.89347	12.2934	9.1476
CST1	0.460529	0	0	5.87751	0.107748	14.1266
ITGB1BP1	33.2224	47.2099	68.8884	50.628	33.8495	27.5152
CETN1	0	0	0	0	0	0
SLC2A4RG	48.8627	84.1565	69.1469	89.0667	70.2257	60.3057
LOC283404	1.10057	0.778442	1.41633	1.34344	1.47201	1.85173
LRRTM2	0.187508	0.210996	0.129041	0.160061	0.173709	0.106225
LOC282980	0	0	0	0	0	0
CNOT7	29.2206	25.0413	24.7463	23.1351	23.8456	21.8738
INADL	10.5371	10.1659	9.2265	9.20785	10.6575	9.14192
LOC10065287	0	0	0	0	0	0.0455459
DYSF	3.64902	3.50503	2.47712	2.13342	1.99695	2.97351
SOBP	2.19293	2.2507	2.28694	1.88633	1.5432	1.18497
LOC10063137	0.122918	0.163015	0.459154	0.0577092	0.665443	0.191494
MIR4665	0	0	0	0	0	0
NCOA2	4.36357	2.07316	4.34948	2.36216	3.87701	3.44496
IHH	0.19872	0	0	0	0	0.0928754
MIR3670	0	0	0	0	0	0
CCDC159	14.6825	17.9816	13.914	19.3013	18.5643	19.7902
MRPS7	42.7881	45.8738	36.2025	46.6519	42.0143	48.9523
PKD1L3	0.0741127	0.131052	0.0561037	0.0869883	0.106206	0.127006
FAM129C	0	0.216757	0.185589	0.0431628	0.513949	0.173583
ATP12A	15.0748	8.01557	11.0326	18.232	19.5548	33.9298
MIR4742	0	0	0	0	0	0
CASD1	10.7188	7.05205	7.61896	7.39502	7.05122	6.39727
GSC2	0	0	0	0	0	0
MDGA1	1.31638	1.43605	0.530399	0.44857	4.23938	1.91847
RERE	25.5325	26.7924	25.8105	24.0593	27.9175	21.9727
LY6G6C	237.399	172.173	262.361	247.957	356.747	369.67
SNORD87	0	0	0	0	0	0
UNC13B	14.7665	12.3664	17.4995	14.9072	19.7073	17.236
DNAJC27-AS1	0.186235	0.31102	0.266298	0.291454	0.197926	0.348162
PKNOX2	1.39122	1.46211	2.64284	1.7007	2.24027	1.88112
MIR3654	0	0	0	0	0	0
SDR9C7	18.0931	12.3133	18.0218	13.5243	25.3216	27.3341
DTX3	16.0709	26.4393	17.9022	27.6497	28.5044	22.2796
CSNK1A1P1	1.00068	0.829438	1.23096	0.587261	0.717003	1.16921
LOC10050759	6.66671	1.47357	0.630842	0.391246	0.265379	0.778952
MC2R	0.134225	0.213612	0.0406437	0.100828	0.119684	0.100372
TCEAL6	0.981945	0.309637	0.689295	0.591921	0.580867	0.307352
QPRT	3.3732	3.46929	4.48171	4.58948	5.83141	4.46147

YPEL5	52.6389	54.1911	54.227	50.9346	54.0095	53.7499
LOC10050558	0	0	0	0	0	0
LOC391722	6.32276	3.99299	5.16624	6.03121	4.027	4.00262
SSH3	22.4161	33.8177	27.2765	33.7468	35.4386	34.0259
C7orf53	4.69914	3.84592	3.56193	7.17687	4.21849	11.0937
LTV1	29.0199	25.1474	21.9682	18.4731	19.8425	18.1199
GUSBP9	0.775369	1.25295	1.7189	2.40291	1.64354	1.88181
PPP1R11	43.0127	38.9316	35.7883	39.9658	37.4455	39.1331
HIGD1B	5.23097	4.55136	1.2058	1.92241	3.14857	1.98205
FAM63B	2.05913	1.41229	2.35847	1.46289	2.18027	1.93064
EFNA5	7.35281	5.73608	6.22096	10.6439	7.03605	14.2849
EGR3	35.5502	27.7289	58.1885	30.7847	39.6656	47.7266
GPR78	0.160349	0.0945135	0	0.0501883	0.136169	0.0333075
NCOA7	12.5895	11.6175	12.2864	5.61282	11.3964	6.757
CGA	2.07382	0.666743	0	0.354052	0.720452	2.93709
HLA-DOB	4.14569	4.44073	6.15592	5.68939	5.94094	4.07386
RN5S3	57.8872	271.492	29.3214	237.869	37.4109	49.9244
UBE2NL	2.74339	2.50917	2.22059	2.576	2.7113	1.82747
YY1	29.3434	25.7033	27.0318	25.3298	26.0311	26.6301
SPINLW1-WF	2.15E-11	0.0990457	4.75E-11	0.089369	3.40E-10	0.0422668
FAM90A7	0.0105918	0.146321	0.00801802	0	0.256135	0.069386
PARD6A	1.94623	2.18809	2.00692	3.15172	1.85697	1.81586
MIR708	0	0	0	0	0	0
BRIP1	0.870396	1.24154	0.694036	0.595735	1.24177	0.860598
MIR548AN	0	0	0	0	0	0
SART3	17.3656	15.3339	15.348	15.4094	18.1603	15.4435
EVL	40.9948	55.813	36.0553	40.5876	55.6071	41.3286
WHAMMP3	2.56146	3.13316	2.15645	1.63293	2.65028	2.52153
SOX6	1.14152	1.54661	1.73639	1.63277	1.45399	1.15671
LOC10050698	0	0	0.1508	0.187051	0.0634377	0
THSD1P1	3.72488	3.73291	4.11233	4.30806	5.53944	4.26222
MAP7	14.8529	12.1858	13.6597	13.8924	11.4401	19.0164
PRB1	2.63647	1.13319	0.524553	1.30937	1.09381	1.86617
LARS2	6.17743	4.17298	5.16676	5.01842	4.45019	4.23879
DNAJC22	0.227223	0.25112	0.0860044	0.320038	0.144719	0.424787
KLRD1	0.517467	0.147475	0.283597	0.0290707	0.241029	0.103944
ZDHHC17	12.4552	10.6181	12.6788	10.6683	14.6659	11.0807
CDC26	14.3636	13.8987	12.5375	12.7838	15.3756	12.7698
SLITRK3	0.184214	0.0407176	0.156882	0.0648653	0.219988	0.272637
PDK3	21.5039	7.91571	11.3712	18.3533	8.6474	8.68169
STC1	0.806267	0.779681	0.667569	0.378536	0.36909	0.376824
SNX13	13.7449	9.81995	13.1735	8.51501	10.7208	10.8069
SGPL1	28.4868	23.135	28.1256	26.982	27.0831	27.9443

BPHL	22.1506	27.5655	20.0798	17.9953	24.3193	21.1884
SNORD100	0	0	0	0	0	0
KIAA1370	19.4819	13.5555	19.0065	13.5521	17.2246	18.1219
TAAR2	0	0	0	0	0	0
ADCY3	17.0946	19.2382	15.8381	13.8209	17.0728	12.4513
ZNF675	12.4922	11.5357	10.8577	8.90611	8.0153	10.293
ALOX12	6.75905	4.26308	6.02916	6.34664	9.48718	8.96046
LINC00322	0.0258741	0.0686286	0.195868	0.121477	0.379025	0.290225
EXOSC4	18.1719	25.7782	18.4785	28.7781	16.7561	21.0423
NFATC1	6.16973	8.79649	7.527	8.92151	10.1611	9.85932
MNDA	9.14869	7.41464	6.01181	1.4914	8.09285	3.28604
LOC10021654	1.90802	2.98831	2.0015	2.04754	3.45472	3.27823
CYB561D2	15.0202	16.4825	13.1315	13.6611	14.4761	14.5826
COL21A1	3.3569	4.30766	5.40003	4.77189	6.28046	5.46212
GABRR3	0	0	0	0	0	0
RNMTL1	6.80546	10.7997	10.6118	13.659	10.7064	12.3649
LOC10050753	0	0	0	0	0	0
ELAVL2	1.04472	0.523281	0.455382	0.536382	0.515907	0.614222
MIR3132	0	0	0	0	0	0
LOC10050736	0.583442	0.515843	0.687041	0.486971	0.743195	0.807948
CEACAM7	1.42346	1.57317	0.505111	1.62899	0.821617	0.859322
ZNF853	2.96305	2.9836	2.92842	3.81273	2.93562	2.70129
SCARNA27	0	0	119.71	0	50.359	49.272
ALS2CR11	0.120989	0.0297142	0.19854	0.0473363	0.285206	0.0209432
C12orf49	9.26226	5.76742	7.47538	7.51268	6.67962	6.19856
XKR5	0.03944	0.0348703	0.0447844	0.148134	0.100478	0.036866
LOC286367	3.37557	6.65765	3.99679	2.38398	4.79597	2.91255
PDP2	3.47867	3.19529	3.61704	3.2537	2.40524	2.7582
CLTCL1	1.70633	2.67202	1.79775	2.27378	1.51553	0.998224
ELSPBP1	0	0	0	0	0	0.136191
VMA21	11.3475	10.3395	10.3668	9.83103	11.1528	9.04255
MCART2	0.465751	0.42035	0.650083	0.267856	0.50489	0.299975
FAM46B	29.1434	46.3953	36.2304	56.215	32.4964	48.3316
PLXDC2	13.9225	8.09198	10.0403	9.24943	9.06493	13.026
LOC440233	0	0	0	0	0.00478187	0
ARHGEF26	6.52172	6.91603	10.0146	9.14208	8.20094	8.05865
MSMP	6.2325	5.70908	6.33281	6.22303	3.61027	5.46077
WDR24	4.4412	6.41534	5.5639	6.49027	7.46996	7.03586
TTY12	0.12071	0	0	0	0	0
CHRNA10	1.11985	2.02734	1.17068	1.25181	1.93593	1.46214
POLG	19.7746	18.6999	19.0299	18.2897	20.8265	21.1136
GLS2	3.79313	4.81028	3.50951	5.32454	5.68582	5.01394
BRD4	18.6789	19.8027	22.4241	21.2709	23.3259	21.9457

CBX1	30.1537	31.2605	28.9832	32.9211	30.4015	31.1005
MTMR1	10.8134	8.23175	11.0716	10.3945	11.4707	10.4846
TBC1D19	2.04603	2.2201	1.86567	1.74653	2.13239	2.55
C19orf2	38.6525	37.8852	40.9011	32.7707	33.1669	31.7522
ERBB2IP	16.3248	11.4443	15.7426	11.129	15.8849	15.4904
LOC10050634	0.737791	0.266073	0.211507	0.354175	0.799977	0.303807
BIRC7	0.886902	1.11072	0.606264	1.3353	1.96514	1.74856
FHL1	61.8696	93.3796	198.248	123.281	77.0512	48.0661
ELMO3	18.7573	26.1722	20.2805	31.5673	28.9073	24.2035
DKFZP434H10	0	0	0	0	0	0
STRAP	58.7183	43.5763	51.0702	45.3369	41.9546	42.3304
LOC10050587	0.33867	0	0	0.318006	0	0
DENR	25.8378	26.2836	23.4368	25.1136	24.9011	23.798
EEF1DP3	0.255998	0.226337	0.387584	0	0.163046	0
TUG1	38.6769	35.6678	39.9742	37.8889	44.0242	40.7427
IGFN1	0.358119	0.40106	0.50605	0.254069	0.283843	0.570309
PDE1A	2.06772	2.55263	2.64691	1.9926	2.86069	1.20524
DAAM1	12.3984	7.2877	13.7068	8.70459	11.8424	11.0272
ACOT1	197.345	219.354	74.5615	70.3314	68.7147	86.0204
MRPS11	22.1254	27.2072	18.426	24.0882	17.4519	19.6231
GTPBP3	11.2145	18.0306	14.1055	17.5092	19.4612	17.3569
NDST2	14.3733	16.6995	18.8611	15.9023	25.1838	18.6132
SCGBL	8.68617	3.45589	4.60283	3.67028	2.76613	3.24771
MIR154	0	0	0	0	0	0
ADAM2	0.151995	0	0	0	0	0
ARHGAP44	2.37727	2.20447	2.07805	3.13325	2.13989	2.2938
LOC10050618	0	0	0	0	0	0
SIVA1	45.2239	82.1787	69.6398	88.4045	62.1881	53.6028
IL17A	0	0	0	0	0	0
OPRD1	0	0	0	0	0	0
LRRC71	0.0525367	0.0464496	0.0795411	0.0493311	0.0669218	0.130955
KIAA1239	0.0635314	0.314555	0.0673311	0.059655	0.105205	0.0791802
GALNT5	0.411329	0.41962	0.143713	0.14855	0.100761	0.236606
UBE2N	34.8198	26.8064	27.3151	28.9512	26.0742	24.6995
LOC10050556	0	0	0.600987	0.119273	0.420032	0.494725
DLL4	1.55455	2.59616	1.74341	2.18955	2.40192	2.1348
LOC10065286	0.116269	3.10E-06	2.44E-05	0.788662	0.276351	0.000152954
CCP110	5.01409	4.22643	5.0268	3.09714	5.15534	4.72061
LOC10013233	0	0	0	0.0947529	0.192811	0
EN1	9.57228	8.10686	7.47509	16.1157	6.67421	7.74408
ATXN7L1	3.51548	3.48934	3.40683	2.75393	4.57122	3.09568
TRA2A	61.6719	75.143	60.9881	61.6381	78.5703	75.3069
LOXL3	1.32694	2.20605	1.37692	1.55086	2.35936	0.992558

MIR10A	0	0	0	0	0	0
ACADVL	391.62	424.965	350.205	417.111	373.669	440.444
C10orf125	16.7473	17.9015	14.3144	17.2599	15.1453	11.4482
LOC10050748	0	0	0	0	0	0
LOC643714	0	0	0	0	0.0747303	0
FAM27B	0.631467	0.845574	0.620703	0.41637	0.684494	0.628515
MANBA	8.49339	6.40269	6.81306	6.57601	8.00984	6.46269
MIR330	0	0	0	0	0	0
PRDM13	0	0	0	0	0	0.0192357
TBC1D4	27.2403	20.2891	30.4147	22.7033	24.9107	20.7067
RPL17	243.189	342.955	266.402	384.141	297.604	266.749
MIR3676	0	0	0	0	0	0
OR10G2	0	0	0.0972287	0	0	0
GJA5	2.05635	1.69242	0.879373	1.22918	1.21917	1.14559
CFTR	2.38593	1.18573	1.58187	3.86571	1.1124	1.05923
MYH11	95.2511	85.1863	44.069	60.336	62.7211	61.2378
SLC16A7	1.60897	0.588641	3.087	1.14612	2.1732	1.67683
HTR2C	0	0.0179848	0	0	0	0
CD180	0.14756	0.163079	0.223407	0.103917	0.281945	0.114941
HHATL	0.490802	0.283386	0.242638	0.406305	0.856264	0.676453
MCM2	8.48156	8.15754	6.05184	8.52907	8.23068	9.35649
SDHAF1	14.7007	19.1401	15.397	17.2074	15.3912	14.1805
LPHN1	9.66144	12.4292	12.2758	12.991	11.554	8.96758
NEDD4L	8.77671	4.9069	6.58527	7.52828	7.17614	7.1041
LOC285103	1.30E-07	1.44E-10	1.50E-10	4.68E-10	2.99E-09	5.70E-10
LTBP3	26.6115	37.8271	32.1035	36.1728	40.5796	33.6192
LOC10012881	0	0	0	0.0862633	0	0
GNAS-AS1	0.195824	0.432839	0.29648	0.45969	0.0623608	0.244059
LOC10065281	9.67E-08	0.135553	0.0539686	2.75E-09	5.12E-09	6.36E-09
NANOGNB	0	0	0	0	0	0
C7orf25	6.93372	7.65009	7.80793	6.29546	5.87582	6.07034
UBAC2-AS1	1.45427	1.53183	1.36093	0.75731	0.706493	0.793288
NCKAP5	1.76908	1.54272	1.41747	1.3018	1.52222	2.0942
LOC440300	1.07488	1.03687	1.05328	0.635516	1.69319	1.33094
ABI1	32.8718	30.242	34.2004	29.2423	36.3514	37.2378
C2orf67	6.19397	5.20192	7.01745	4.6133	6.29718	5.3347
LOC729313	0	0.288837	0.247305	0	0.20807	0.203578
UBAC1	36.8565	49.9655	38.8917	50.1287	48.8688	44.2992
GPATCH8	15.4737	11.9183	16.4464	14.0457	17.2835	15.3216
LOC10050601	0	0.0465818	0	0	0	0
CNTNAP5	0	0	0	0	0	0
CHD5	0.156265	0.112255	0.184833	0.128389	0.130628	0.0973777
LOC10028821	8.34394	4.42631	1.89492	2.35045	0.53143	5.71955

LINC00482	0.636299	1.09554	0.735199	0.911935	1.17313	0.751291
RARB	2.48566	1.16509	1.47302	0.947238	1.21635	1.7965
LOC10050667	0	0	0	0	0	0
LOC10028909	2.35505	6.7671	5.5712	9.12183	9.74963	4.58615
KRTDAP	3010.97	2513.93	2954.67	3476.3	3748.79	3721.72
TPTE2	0.0607311	0.28637	0.245194	0	0.154719	0
PHYHD1	14.1766	24.962	24.2309	36.3536	31.8471	24.0883
OR52D1	0	0	0	0	0	0
MIR155	0	0	0	0	0	0
EAPP	34.112	36.35	36.4234	33.3304	37.1782	31.3531
LOC10013069	0	0	0	0	0	0
MIR411	0	0	0	0	0	0
CFLAR	42.3611	42.5052	42.9172	31.2933	49.2721	37.2226
MIR4263	0	0	0	0	0	0
RGS8	0	0	0	0	0	0
NDUFB7	154.88	271.246	177.027	283.628	165.609	175.392
AKR1C1	102.597	116.867	109.081	82.2235	44.6845	37.3991
FCN2	2.52272	1.11827	0.383575	0.475784	0	0.421006
WDFY3-AS2	0.272517	0.903535	0.72204	0.575751	0.477312	0.551919
ZNF302	27.7732	23.8387	23.3142	19.7225	29.3578	25.6027
DLGAP3	0.10945	0.241922	0.124281	0.282622	0.209128	0.30692
SPRR1A	542.708	365.691	260.341	232.509	449.191	611.551
MIR544	0	0	0	0	0	0
PDE4C	0.307721	0.356393	0.214526	0.450252	0.561243	0.274996
ALDH1L1	22.3527	22.3418	40.5386	29.2355	20.6985	17.861
LPAR2	14.4125	21.9772	13.5165	20.1079	23.5865	28.9194
SNORA76	98.5764	43.5775	74.6229	0	0	61.4286
EEF1D	216.107	367.395	262.533	414.371	309.862	286.835
FAM66B	0.711639	1.05321	0.518194	0.0711711	0.968178	0.472328
ASB12	0.17113	0.0756511	0.323866	0.160688	0.599464	0.159961
CERS6	7.83181	6.70843	11.6957	7.55464	9.36367	9.07593
MYH7B	0.454327	0.86752	0.576646	0.42636	0.830154	0.6753
XPNPEP3	7.83071	7.8212	7.81717	7.59709	7.47835	6.8119
FAT1	8.61937	5.85431	8.0133	8.31975	6.97223	6.72292
DBIL5P	0.306039	0.795176	0.567364	0.281501	0.740716	0.677218
KIAA1324	13.4274	2.97988	3.93469	5.85921	4.82773	5.179
RHOBTB1	4.58669	5.0443	4.02976	3.32497	3.91845	4.09871
BRD9	16.1282	22.3675	15.3824	20.1794	18.7474	17.1169
PI15	1.43003	0.638431	0.900331	0.478613	0.775528	0.899958
BRD8	22.6328	22.2354	19.5717	20.2996	26.9202	26.2643
GFM2	14.5892	12.3073	12.7535	10.7277	10.3851	10.754
MUTYH	7.02226	11.9992	9.2933	10.5656	13.8852	10.0984
ZNF236	3.0334	2.60973	3.42678	2.39915	3.10604	2.55188

EVC	4.55793	3.63604	5.29358	4.11253	4.84144	3.74699
GHRH	0	0	0	0	0	0
RBL2	31.6034	24.2891	27.5263	20.0748	38.4273	31.9238
ZNF208	0.655164	0.652944	0.58256	0.644483	0.649168	0.771178
LOC10050700	5.44754	6.22917	3.24407	4.50134	4.57983	4.07361
RAB8A	30.094	31.3467	28.3699	31.3927	26.175	29.097
LHFPL4	0.0197792	0.0874374	0.149729	0.0557169	0.10078	0.0862787
CTSL1	31.2095	29.187	27.8166	19.4578	23.5123	20.2419
ADD3	52.6168	30.2538	39.225	24.2026	38.5818	31.0647
DUSP15	1.95666	2.3751	1.64058	2.2081	1.8966	2.21005
SCTR	0	0.304342	0.60802	0.10774	0.365398	0.286008
HIST1H3G	0.365508	0	0	0.343206	0.465588	0
LOC10032910	12.1007	10.491	13.2513	11.6933	11.7476	13.3243
LOC728400	0	0	0	0.00628586	0.0085273	0.00417161
SNAI2	32.2921	35.0863	24.2244	33.1074	27.3814	27.4571
LDHAL6A	0.277197	0	0.20984	0.195213	0.27034	0.129553
VCAM1	7.69665	7.37028	5.16668	1.86131	7.86594	4.65755
TRIM31	0.15274	0.135043	0.154167	0.0956139	0.518833	0.380725
GSS	44.4021	51.8916	36.0579	44.5889	43.2394	41.5213
C15orf38-AP1	8.00198	6.36047	4.84193	4.5433	5.32508	5.63727
SCARB1	28.6825	19.8312	28.9454	22.1691	21.0214	24.6391
FAM163B	0.30207	0.178047	0	0.378185	0.12826	0.0627456
LOC1002884	0.0955038	0.0422192	0.0722969	0.0448383	0.0912404	0.119028
PTGS2	0.237251	0.362316	1.28985	0.243027	0.53574	0.268808
LRRC43	0.0542979	0.438925	0.428716	0.516229	0.233733	0.384324
MCHR2	0	0	0	0	0	0
EID3	2.19268	1.27013	2.11776	1.06494	2.26334	1.50773
MBD6	28.1455	40.2671	34.7965	37.6276	49.5865	39.978
MIA3	10.6299	8.61423	8.52387	7.11072	8.24171	7.75841
PLAT	9.61745	12.4077	6.68232	7.27931	6.5403	6.50277
MIRLET7A3	0	0	0	0	0	0
LOC1001309	1.10514	1.05527	1.03738	0.387413	0.910341	1.17534
C21orf62	0.0246035	0.0978911	0.0838152	0.0231023	0.0680151	0.110394
LOC1006528	8.97648	8.59332	10.1647	9.61435	13.0464	11.2299
MIR4529	0	0	0	0	0	0
LRRC33	2.33725	3.84287	3.22822	1.77111	4.30913	2.45301
ATOH7	0.21963	0.0647278	0.0554205	0.274973	0.326396	0.456214
VPS11	19.6066	20.6717	18.4658	20.3983	22.6691	19.5985
TDRD7	5.38158	5.47062	4.76271	3.63734	4.2058	4.40664
CASKIN2	13.2932	16.982	13.0088	14.747	12.3069	11.759
SNORD116-9	0	0	0	0	0	0
LOC1005057	14.7266	22.1665	12.8892	16.8295	19.6528	19.4102
VENTX	1.80654	2.30298	2.48069	1.10457	4.86995	1.597



SLC35F2	10.2412	10.2417	11.7708	10.8184	13.8408	11.8493
ALG13	18.4659	17.7222	18.9577	19.398	23.4365	18.1263
CACNB4	3.15775	2.7815	4.12958	2.33242	3.93178	3.11588
BEAN1	4.19387	3.11812	6.39986	5.84879	5.86364	8.26528
MR1	4.43922	3.82202	4.47941	3.65905	5.07218	4.03234
TMBIM6	426.54	301.361	334.072	320.303	272.503	295.389
PTAR1	9.26874	5.95536	8.3161	6.53621	8.96849	7.55308
LOC10050619	0	0	0	0	0	0.0664431
ZNF416	3.61962	3.09357	2.8923	3.43653	3.45804	3.78439
CT47A7	0	0	0	0	0	0
CPD	19.2995	12.2323	13.5521	10.5473	10.5985	10.9804
IARS	35.8023	26.7091	30.759	27.4005	27.2218	24.1605
RBMS3	4.20273	3.79504	4.44551	2.79072	3.2732	2.55338
LRFN3	3.32939	5.28436	4.16013	4.97186	3.65341	4.7244
COL17A1	111.449	175.026	160.54	236.444	182.854	146.795
MRPS2	32.8938	40.3995	28.0946	39.347	34.0213	33.3315
TNFAIP8L2	2.98654	3.31574	3.42551	1.99389	5.87899	2.51566
MPZL1	37.1956	29.9299	27.8853	29.6662	26.5511	23.1164
PPP1R2P9	0	0	0	0	0	0
GSTA1	1.14855	0.244105	0.535053	0.746635	0.562708	0.275281
MIR182	0	0	0	0	0	0
GLYR1	32.0061	29.4807	30.9215	28.9201	33.6851	30.4132
LOC1001307	5.15572	11.1496	6.92369	13.9032	10.7688	11.9621
ANKRD58	1.34178	1.36427	0.914164	0.692952	1.36734	0.668914
DYRK4	5.99924	7.05552	6.55513	6.90864	6.23608	6.98319
C22orf37	0.746644	0.371326	0.565214	0.131454	0.505263	0.378037
LOC1005061	10.2589	10.7531	12.8026	15.7073	12.1892	9.39048
ATOH8	3.1367	3.55326	2.60948	2.94532	2.93425	2.63676
MIR4424	0	0	0	0	0	0
SYNPO2L	0.0196194	0.0173462	0.0716198	0.0222091	0.0562306	0.0550168
HBA1	475.264	1167.04	458.402	1178.71	615.478	860.834
RBM3AP	0	0	0	0	0	0
ITPA	39.1227	54.1247	35.217	55.2935	48.8018	42.736
DDX25	0.0574064	0.253776	0.130371	0.215615	0.219375	0.21464
FAM138D	0	0	0	0	0	0.0251807
LOC1001285	0	0	0.0289321	0.0358872	0	0
PAPSS2	7.32449	3.5753	3.60025	2.36438	3.62837	2.21885
LOC1005074	0	0.463253	0.396641	0.122997	0	0.435348
NDUFC2	47.2771	45.5577	41.7896	41.2405	29.6398	32.4455
POLR3K	16.9578	19.5445	14.098	19.7617	13.4042	11.4166
QTRTD1	7.56492	5.97643	6.39172	5.86598	6.82311	6.34127
PLCB2	4.69411	4.46105	5.08757	2.67957	10.352	3.99473
VWA5B1	0.173275	0.0574495	0.065585	0.0406756	0.0275899	0.107978

RUFY2	6.93857	5.54359	6.83233	5.84836	7.00591	5.93306
YWHAE	247.583	214.968	203.757	235.725	194.311	211.44
KLHL10	0.61709	0.45466	0.467141	0.241432	0.327523	0.192272
CLNS1A	50.5816	50.7778	52.3405	41.9604	50.8856	41.2991
TEF	25.5821	32.6718	30.223	32.5679	29.0527	24.6511
LOC643355	1.09953	0.686216	0.709949	1.00208	1.21523	0.806098
LOC10065276	13.7274	9.88955	12.6204	9.69017	12.0586	8.36792
LOC10065285	0	0.286807	0.245566	0	0	0.202147
TSPAN6	31.6476	26.8809	33.2993	34.4825	21.1707	27.1738
STX16	45.5368	54.2957	53.3056	47.4776	68.8316	63.4156
DDX19A	20.4914	19.5132	17.9286	17.0173	17.5545	16.2345
OAZ3	2.82252	1.35531	1.04352	1.70079	1.4901	2.9272
LOC10050606	0	0	0.317189	0	0.266866	0.391659
ITIH5L	0.116478	0.0514912	0.0293915	0.0911424	0.111278	0.0967788
ARHGAP40	12.1821	8.05465	16.0296	14.6645	15.3683	15.2996
CCT6P1	7.91949	8.55443	8.43043	9.30387	8.06114	6.40745
RAB40B	18.1037	23.8771	22.0268	31.193	27.3608	21.8555
OLFM4	0.682419	0.724022	0.0258297	0.0961171	0.130391	0.0637882
CDC73	6.84746	5.39882	6.26906	4.46295	5.50022	4.83933
OR5K3	0	0	0	0	0	0
FGFBP3	1.846	2.39608	1.99208	1.6596	1.85114	1.90909
DCAF12L1	0	0.077079	0.0219986	0	0	0
IGLL1	0	0.0715084	0.407044	0.15189	0.463616	0.226804
CCDC102A	4.04208	6.9633	4.60559	7.04311	6.42279	4.46642
FAM162B	1.01101	3.27752	2.55113	1.47672	1.93175	0.70002
GMFG	22.7325	26.1836	23.6816	20.3663	31.9237	17.9349
SRRM2	118.009	111.789	147.396	119.904	179.096	145.627
SGIP1	0.597413	0.783185	0.639381	0.328839	1.60071	0.91145
LOC10050708	0.264046	0.499173	0.998238	0.657248	0.470065	0.477907
SAMHD1	14.3067	6.74861	10.2529	4.15651	10.5505	6.01795
GAGE12C	0	0.0333516	0	0	0	0
FOXP2	1.02531	1.64493	1.82786	1.28213	1.77441	1.63527
SCARNA12	24.3766	34.2301	26.0516	33.6607	34.7043	25.0196
LY86	2.49978	2.45572	2.31287	1.95604	3.98031	2.42318
SSH1	5.66991	5.39584	4.84508	4.68887	5.50967	4.67561
SH3BP5L	15.8905	16.3864	20.3625	21.812	22.638	26.5676
MYL2	0	0	0.227	0	0	0
HIST1H2AL	0.361216	0.319364	0	0	0	0
RBM20	2.52442	1.27871	1.22424	1.00001	0.720169	1.13887
LOC339568	0	0	0	0	0	0
MIR4733	0	0	0	0	0	0
FBXO43	0.414615	0.476842	0.385767	0.307153	0.400367	0.410283
PRDM4	9.84937	8.66711	9.09143	8.92122	10.3714	9.58293

AP2A1	28.5474	32.2155	34.7771	31.7834	34.1724	33.1314
RGS17	0.366924	1.103	0.444422	0.344536	0.701088	1.00607
KRTAP20-4	0	0	0	0	0	0
TPD52L2	63.1607	80.2509	66.5589	76.1945	69.177	66.8586
ZNF584	6.35795	7.3356	4.84714	5.92767	7.43829	5.81656
FPR3	4.28838	3.08282	2.91259	0.715025	4.18628	1.42358
ZNF480	2.85349	2.37871	2.45326	2.08609	2.55734	2.38783
FMNL3	4.76747	4.58465	4.08918	3.81015	5.26596	4.58274
PRM3	0	0	0	0	0	0
SEC24B	14.7664	11.107	14.0631	12.0074	12.4703	12.6907
N6AMT1	4.45093	3.44655	3.07675	2.18677	4.07249	3.9514
IFT20	12.9119	18.5505	14.7234	17.0286	17.4103	15.8488
MUC1	205.77	251.375	108.184	147.076	83.4242	194.432
C13orf15	36.5618	31.5951	44.2527	37.6282	30.9827	29.5416
AGXT2	0	0	0.0637525	0	0	0
MAGEA1	0	0	0	0	0	0
ABHD12B	25.9487	18.7699	20.5604	22.7551	21.5339	21.6511
C9	0.0372323	0.0987553	0	0	0.0474269	0.0232016
DDAH2	68.767	90.7607	96.1052	104.928	99.8618	91.371
CEACAM20	0	0.0637144	0	0	0	0
FAM21B	9.41838	7.9283	9.38893	8.06629	8.33966	7.48923
GK	12.1754	8.56203	6.18285	6.14347	6.1678	7.2362
PTTG3P	7.01799	7.44583	4.95848	4.83512	4.46979	5.1022
FAM175B	9.83435	8.16617	10.664	9.26549	10.136	8.5093
SPEF1	0.0672358	0.535011	0.203592	0.1894	0.128469	0.335188
TYSND1	15.8347	21.8203	15.3636	19.018	18.7184	16.3165
MIR613	0	0	0	0	0	0
LOC10050697	1.15784	1.49166	0.676152	1.05613	1.62236	1.09259
CRYL1	20.228	19.1527	18.8422	20.745	15.6702	12.8287
TAF4	5.26894	6.50707	6.75849	6.67514	7.11114	6.37132
FLJ34503	0.103021	0.182169	0	0.0483673	0.131229	0
VSIG8	4.91484	8.62908	5.59863	36.0381	4.61523	86.2501
LOC401589	0	0	0	0	0	0
LOC10050605	4.76853	5.75479	3.45782	3.27977	4.36152	3.40012
ZNF232	4.00612	4.3027	3.39432	4.47519	5.26896	4.21463
MIR143	43.3519	0	0.00055391	0	0	0.000852431
TRIM2	18.0257	11.2733	12.9088	13.35	12.6755	14.9508
LOC10050756	0.54232	1.27863	1.64216	1.35795	0.921085	0.337951
SLC35G5	0.0935449	0.413532	0.141628	0	0.119159	0.0582932
NARS2	10.0113	7.99313	6.41898	6.19623	6.4638	6.82005
ZBTB10	2.4308	1.28589	1.56527	1.41067	1.55824	1.19021
DDX3Y	21.3128	19.5689	0.0163459	0.0202754	0.0137526	0
THOC4	37.3662	45.5798	38.7355	45.3306	37.4074	38.2074

GPR146	10.7686	16.45	14.3111	11.1227	10.1736	7.04606
SLC32A1	0	0	0	0	0	0
C14orf19	22.7838	25.3498	20.9295	23.557	23.8048	20.7385
LOC440925	0.57841	0.383545	0.401372	0.769417	0.460491	0.210257
LOC10065276	0.303433	0	0.057425	0.0712296	0	0.0945432
CTDSPL2	7.32614	4.7617	6.22043	4.74102	6.74687	5.33034
PCDHGA6	0.580826	0.623171	1.01724	0.582262	1.17486	0.734979
CCDC40	1.01792	1.03997	0.87331	0.658445	0.907643	0.704802
ATG2A	9.29013	10.6514	11.9102	11.3262	13.5612	15.0893
LOC1005074	4.19052	4.63564	4.84609	4.57271	11.1252	7.45328
LGR4	21.7657	17.9793	23.3479	21.4363	22.8904	26.2128
MGC14436	0.458607	0.480559	0.347169	0.382776	0.40568	0.396923
ATL1	8.06804	4.99422	8.1769	5.19499	7.43625	8.62381
C7orf55	11.6249	17.4907	18.9898	17.6182	17.5357	13.98
PDIA5	7.60747	6.95045	7.96821	7.46886	6.83161	6.16351
SERPINA7	0	0.0590584	0	0	0	0
TRPC1	3.08836	4.52972	4.29523	3.4844	5.50454	3.40151
KDM5B	16.8746	13.5836	19.0481	17.1654	20.8663	20.7515
TTC17	19.1317	18.8899	19.4311	18.3128	20.9842	17.2494
SCARNA18	46.407	0	0	0	0	0
ZNF839	9.066	12.0891	8.68565	9.48971	11.0183	11.1324
GPR32	0	0	0	0	0	0
RBAK-LOC389	4.35E-93	1.51E-51	8.47E-35	6.30E-74	1.71E-35	7.79E-56
LOC10050626	2.40537	1.20705	2.30436	2.69356	2.45078	1.63505
HIST1H2AK	0.751862	0	0.284582	0.352993	0.478865	0.468529
CCNI2	0.37993	0.521637	0.224984	0.396836	0.614383	0.394414
LOC1002873	0.310215	0.822818	0.939338	0.873861	1.18547	1.35319
MIR1909	0	0	0	0	0	0
LOC10028906	0	0	0	0	0	0
LOC386758	2.12115	1.91291	2.17548	2.21602	1.60176	1.26682
LOC10050709	2.06687	1.82739	2.65987	1.74668	2.23788	1.67438
HN1L	37.7793	33.5667	28.3574	32.7012	32.5908	35.496
RAB25	147.779	146.278	136.587	175.593	161.19	177.639
ZBTB25	4.06376	4.67079	5.94749	2.86185	6.94509	4.30502
UCHL5	13.7718	8.2049	10.3418	8.41205	9.91532	8.68105
OR1N2	0	0	0	0	0	0
LOC400654	0	0	0	0	0.0803837	0
RAB21	22.0517	16.9828	23.966	21.7118	20.4902	20.2251
PNLIP	0	0.0635678	0.108855	0.135023	0.183169	0.0448039
NCF1B	0.499281	1.60003	0.683266	0.555044	1.03917	0.648386
ZNF777	5.23162	6.68124	6.3317	7.3383	6.35558	6.29889
LOC10012829	10.0228	9.1377	13.3431	15.9867	16.3642	14.6069
RPL36A	13.2731	36.1961	14.6203	52.1832	16.5627	18.2049

ANO4	0.165397	0.125343	0.232526	0.0887459	0.662152	0.368102
RNU1-5	48.9911	52.5215	22.6473	62.1967	31.6046	22.9783
TMEM164	74.7408	39.7332	44.0012	40.1341	34.5549	50.4671
GOLGA6B	0.0675757	0.0843137	0.187951	0.193342	0.181813	0.17464
USP54	9.58708	7.8728	10.3069	12.2213	12.3208	11.4136
TMEM79	68.3423	78.4466	65.173	89.6047	85.6933	100.343
MED25	14.6105	20.5073	18.4119	18.6856	20.0469	20.5328
ZNF44	9.54051	10.5099	7.53608	8.81569	9.47621	7.99771
TEX14	0.125556	0.0799262	0.124195	0.135816	0.104491	0.126752
MIR191	0	0	0	0	0	0
PHEX	0.0697375	0	0.0791875	0	0.0222081	0.0217287
LOC10050588	1.34725	5.55872	7.13914	6.74692	8.86675	5.31715
RHOG	37.2636	44.987	36.178	42.9136	40.0168	36.9663
DKFZP564C19	0.082338	0.036399	0.311652	0.0773141	0.34087	0.153929
IQCA1P1	0	0.232133	0	0	0	0
SLC17A7	1.43692	1.53633	2.47907	1.53751	1.93678	1.93662
ABCB10	7.65093	7.61563	7.32605	7.30304	8.32592	7.1516
CABLES1	8.9053	13.5985	10.5451	13.1342	12.0891	10.911
PTRF	196.947	212.351	229.661	204.061	173.717	155.774
HRH2	0.399375	0.491146	0.302329	0.148151	0.266127	0.131094
PRKD3	8.69506	8.30435	10.4136	7.20488	9.03013	7.95573
ZNF622	12.8663	16.0693	14.657	15.6	15.156	14.1283
LRRC10B	4.1433	5.90189	2.788	6.26802	3.45988	5.70893
2-Mar	26.0232	37.9157	28.8596	34.7081	31.8898	28.3704
FAM138E	0.0604799	0.0356483	0.0190765	0	0.05778	0.0125628
TMEM125	12.3315	11.7334	9.42394	12.1856	10.7712	11.9292
LOC10050697	0	0	0.185556	0	0	0
SLC36A1	4.10058	3.02367	3.73253	2.89947	4.59952	3.71399
ZFP106	11.3936	9.19756	13.5955	9.68356	10.515	9.4854
CTPS	10.1417	9.90525	6.94391	10.5972	7.96254	8.21456
C12orf63	0	0	0.0638982	0.198147	0	0.0789004
B3GNT6	0	0	0	0	0	0.0250186
IFFO1	8.47909	11.6513	9.63463	7.82025	13.7673	8.53285
BMX	1.04189	0.779979	0.667825	0.454567	0.497674	0.583805
CHRNA4	0.206582	0.146118	0.156384	0.271569	0.0789441	0.07724
ABRA	0	0.0321277	0.055016	0	0.0925753	0.0452885
TTC22	7.49657	7.84765	10.6653	9.73883	11.8614	13.9819
CENPM	4.8824	6.48425	5.22566	9.77077	9.44996	9.47674
BIRC8	0	0	0	0	0	0
GUSBP3	0.681838	0.935756	1.26109	0.973217	0.775948	0.907612
ALPL	6.53915	3.60619	2.58929	4.74245	4.37307	3.77596
PPP2R3B-AS1	9.97458	4.72753	3.79175	8.01125	6.31063	3.72944
LOC340515	0	0	0	0	0	0

AKR1B15	54.6948	0.753179	0.247633	0.554812	0.166677	0.0815394
GHRLOS	0.960128	1.45501	1.20486	0.935298	2.07396	2.27537
VAMP1	16.127	16.1339	12.2268	11.9677	21.4918	13.0099
TMEM131	14.697	12.0424	15.1674	12.8434	15.4486	15.1957
MIR206	0	0	0	0	0	0
LOC10013328	0.337474	0.682647	0.343931	0.307564	0.640587	0.2822
LOC389705	1.17226	0.11516	0.493006	0	0.749214	0.405836
TLR3	3.00363	2.16491	1.92776	1.07296	1.97541	1.28173
LYG1	2.61795	4.62926	3.24295	3.0169	2.57687	2.15048
ASCC1	10.7736	10.9397	8.65936	7.14044	8.09407	8.56035
C19orf38	0.105526	0.932993	0.399418	0.198174	1.20978	0.591833
CHRNA7	0.502222	0.238588	0.49267	0.58235	0.451369	0.386477
CCDC126	5.96543	5.67163	6.71194	4.0668	5.07456	4.60856
CD93	11.751	10.6033	9.6602	6.66582	8.85247	6.35641
MTPAP	5.08728	5.62987	6.00927	6.1875	5.93659	5.28718
HBP1	41.721	38.2916	47.0463	37.6147	44.5448	44.0935
LOC10027221	2.39007	2.40899	1.55599	1.30166	1.67447	1.93621
ZNF766	8.05633	7.95046	7.81948	6.59171	8.09057	6.83269
LOC10050582	0	0	0	0	0	0
AURKC	1.14627	1.73137	1.01396	1.93524	2.69293	1.67418
DENND2D	26.7626	23.0368	19.1127	18.5865	20.7116	22.247
FLJ26245	0	0.058973	0	0	0	0
TTY4C	0	0	0	0	0	0
CYP4F8	239.845	412.342	181.407	219.439	119.181	145.993
DEF8	33.1053	37.9551	28.0904	33.2464	37.7815	38.3642
KCNQ10T1	0.172763	0.139949	0.168291	0.206177	0.217928	0.154018
ACTL7A	0	0	0	0.0711127	0.0482352	0
LOC10050755	4.51838	5.87234	4.31018	4.67225	6.20856	4.90571
LOC10065286	0.848239	0.562469	0.963182	2.19033	0.990454	0.528586
SNTB2	9.03819	7.12018	9.1884	6.30157	7.49694	5.49382
TPPP	2.35168	4.10222	4.8355	4.52082	4.22014	4.51522
C10orf128	4.35105	7.21298	5.35237	6.12835	5.88881	3.72816
LOC10050626	0.129333	0.111539	0.0979061	0.121442	0	0.0805951
TRIM40	0	0	0	0	0.0690445	0.0337771
C5orf44	12.1263	10.7315	10.2327	8.60371	10.7887	9.76486
ZNF43	15.1632	10.8294	11.5624	7.93309	5.4397	6.14993
LOC10050566	8.03007	10.8465	9.42459	10.1182	10.488	6.69151
SHOX	0	0	0	0	0.0213985	0.0887378
OR8G2	0	0	0	0	0	0
TRIM3	6.80616	8.84824	8.28035	8.77105	8.32284	6.88869
GPM6A	0.440483	0.626306	0.354532	0.168505	0.407078	0.212301
ARL16	25.7553	42.6104	39.205	51.5979	55.7646	48.3033
CNTNAP3B	1.86006	1.70625	3.72581	2.87027	4.48133	2.89925

TMEM220	6.12528	6.40797	5.60794	5.93222	5.71907	4.43653
ZNF852	1.89024	0.697177	1.47095	1.47952	1.40476	1.17815
LOC285299	0	0	0	0	0	0
ALDH1L2	1.44897	1.14378	2.04104	1.20679	1.34893	1.32003
MIR4767	0	0	0	0	0	0
OXA1L	100.776	135.376	98.4827	121.754	114.28	91.4662
C14orf70	0	0.0577622	0	0.122691	0	0
LRRC49	1.6114	2.04363	1.93384	2.00598	2.11721	2.05123
PARP4	13.9325	10.6827	14.4467	8.88836	14.2576	11.4802
SF3A1	23.2864	19.8053	26.0367	23.902	23.5315	23.5978
TRIM21	17.5465	15.9894	8.63791	9.29929	12.4439	9.3243
LSM12	11.0598	10.9647	10.0345	11.3395	9.58199	8.53899
LINC00265	2.43764	5.11445	3.40122	5.28498	7.17037	5.63863
ADRBK2	5.5734	5.15834	6.54196	4.45911	5.78991	4.26008
KIF7	2.16704	3.3811	2.29986	2.55349	2.36799	3.05827
GABPB1	6.47584	6.45931	5.40737	4.9748	5.90895	5.65352
LMO1	2.43878	5.31354	4.7473	5.39781	8.21017	7.4359
PLSCR4	17.1976	14.0454	18.5329	9.62161	16.3794	11.1824
COL5A1	6.38773	5.78079	13.48	6.19422	10.4622	8.4363
SNORD88B	0	0	0	0	0	0
TPR	15.8053	13.3785	16.3646	12.19	16.2431	14.3379
FAM131B	0.343063	0.363378	0.157486	0.216328	0.362937	0.355103
LOC10042273	0	0	0	0	0	0
LOC650226	0	0	0	0.0596561	0	0
PLEKHG1	4.87514	3.32276	4.26746	3.23275	3.99215	5.45363
DIRC3	0.799933	0.618844	0.454166	0.328617	0.525403	0.311553
TSRM	0	0	0	0	0	0
CHRNA9	3.13562	2.28595	2.33204	1.54963	1.47154	1.37122
DIP2C	4.06046	4.30163	5.3655	4.67	4.75144	3.54842
KCNK18	0	0	0	0	0	0
CTRC	0.134819	0.715189	0	0.50637	0.0858667	0.168026
ITGAX	3.60004	5.50113	3.52865	1.64134	8.21728	2.41197
CBX6	7.52081	6.34958	8.37034	4.98637	8.03426	6.27972
MIR1273C	0	0	0	0	0	0
MUM1	16.0354	22.72	19.8369	20.4893	19.2565	19.9559
OPN1MW	0.0344942	0	0.0391685	0.0242921	0.147684	0.114642
RCOR1	12.8386	10.6436	14.3545	12.3819	12.8527	12.4235
PP12613	0	8.61E-10	0	9.98E-08	0	0
LOC730256	1.1731	1.99507	0.893762	1.16176	1.71228	0.984155
LCE6A	39.9366	14.6964	97.8871	95.9457	84.328	91.4758
HBB	900.435	2233.66	630.873	1641.71	659.623	871.228
CSDA	162.979	176.176	179.108	180.431	186.027	167.296
C3orf23	9.83712	8.53825	10.772	8.69308	8.90515	8.64115

NPS	0	0	0	0	0	0
MIR513A2	0	0	0	0	0	0
LOC10013174	0	0	0	0	0	0
ENO4	0.522242	0.892684	0.606188	1.69997	0.864809	1.0414
KIR2DS2	0	0	0	0	0	0
LMNA	190.419	236.244	270.291	236.517	223.875	224.623
LOC642587	166.178	346.356	111.568	187.758	210.089	172.054
TNFAIP3	9.12404	8.82136	12.5827	5.03356	14.3816	9.01261
C17orf88	0	0	0	0	0.207874	0
CELA3B	0	0	0	0	0	0
SULT6B1	0	0	0	0	0	0
MIR4455	0	0	0	0	0	0
ANKRD36B	2.29714	3.21841	3.34948	2.92389	3.69489	2.77485
CRTAP	33.1899	37.6851	42.6853	38.8248	35.6575	24.8101
MIR4310	0	0	0	0	0	0
HIST1H4A	0	0	0	0	0	0
LY75-CD302	4.98E-120	2.53E-159	3.93E-99	6.55E-211	2.45E-95	0.0208955
CP	0.957211	0.712501	1.55254	0.444787	2.1301	1.10245
WIPF3	1.09262	1.19212	1.17908	1.4407	0.858764	0.883687
APOBEC1	0	0	0	0	0	0
EMX1	0.0467598	0.20671	0.0353974	0.175627	0.119126	0.145694
SNRNP200	29.0493	26.0913	30.5573	27.6727	30.8445	25.5403
CD164L2	10.1722	15.4616	10.7595	17.0096	14.8212	12.3304
TMEM88B	0.997726	0.294042	2.51761	0.312283	1.48273	0.828988
PHLPP1	8.66635	7.76775	8.36715	8.8939	7.78071	8.60734
DENND5B	0.804484	0.906874	1.06575	0.65153	0.909475	0.670516
SYBU	9.20337	6.78776	9.34643	9.38146	7.93652	6.80939
LINC00293	0	0.400733	0.109796	0.363173	0.0461882	0
LOC10050595	0	0	0	0	0	0
FAM65C	3.08469	3.1083	3.82892	2.32144	5.73506	5.93635
REV3L	4.34711	3.57891	5.50907	3.31342	4.71351	3.5589
DAB2	15.0132	13.2551	18.2033	8.20524	17.166	10.1298
KRTAP5-1	1.77589	0.336457	0.192052	17.6282	0.807912	98.9672
C5orf45	6.77106	7.07767	7.88515	6.21745	8.58332	7.28684
FLJ46361	0	0.0231226	0	0	0	0
PCDHGA3	0.419072	0.150523	0.601492	0.133891	0.428001	0.415108
FAM55A	0	0	0	0	0.0351205	0
PIBF1	4.87507	4.62011	5.93191	2.7536	4.92079	4.14875
ARMC6	10.8269	15.3017	10.1868	11.8106	11.9099	13.6208
KCNJ16	0.22732	0.0219815	0.0752847	0.124512	0.0989711	0.111554
TMEM194A	7.20977	7.83824	8.26129	7.6058	11.8307	8.19792
ABHD16A	25.5525	32.4401	24.9723	25.5749	28.315	29.6313
LOC10050758	0.933556	1.73332	0.282683	0	2.7351	1.86161



METTL9	36.4843	38.1452	34.3217	36.262	29.8041	32.2925
LOC10050648	0.166729	0.272863	0.126215	0.313111	0.318571	0
MAP2K5	9.32991	13.0287	12.5816	14.4633	12.4469	13.203
KIRREL3	0.0915908	0.160313	0.276157	0.0972905	0.181476	0.21131
LINC00174	4.80087	10.1755	5.70865	7.1633	9.59196	9.27563
CCDC12	46.0371	60.1092	39.3212	57.2445	48.3357	46.6259
GPR142	0.0785709	0	0	0	0.0500423	0
LOC10050662	0.0477272	0.0421974	0	0	0.0607954	0.0892247
GIMAP1	3.93559	3.89476	3.80472	2.90897	3.62271	2.75718
LOC729587	0	0	0	0	0	0
SYCP1	0.788597	0.174307	0.0639613	0.0528914	0.125565	0.105304
PVR	6.01424	5.48299	4.95913	5.31416	5.12978	4.51814
C17orf56	17.009	31.415	19.988	26.9252	30.1739	27.941
ARSD	10.7999	9.0112	9.65256	10.3881	12.4429	10.6122
MS4A6E	0	0	0	0	0	0
SRRM4	0	0.0296233	0.0169092	0.010487	0.028453	0.0278388
PSPN	0	0.318119	0	0.675707	1.60414	0
ACBD7	0.526395	0.646396	0.44276	0.713955	0.335264	0.364474
ANAPC4	20.8405	24.2026	18.9885	17.8412	19.3959	15.9587
LOC642441	0.987161	2.3112	1.90883	1.45117	1.9247	1.57469
JMJD1C	9.25011	6.28186	9.79794	5.30089	9.86128	8.06074
ESAM	19.5215	26.9744	19.4223	16.8639	18.9697	15.0498
EIF2B5	26.2724	30.4949	24.7043	26.5745	31.1007	26.6578
HEATR8	1.80953	4.73789	3.40956	3.92442	4.89925	3.73784
DLX3	13.412	11.1746	17.6434	34.7688	16.3951	34.7319
CIRH1A	18.0986	18.682	15.2421	17.5467	14.6971	14.6618
MIR3916	0	0	0	0	0	0
MS4A3	0	0.072107	0.0536329	0	0.207776	0.0508225
MIR553	0	0	0	0	0	0
LIN9	2.16362	2.01776	1.88468	1.11321	1.52904	1.79155
EIF3G	148.761	216.141	157.743	215.071	177.727	171.714
NEUROG3	0	0	0	0	0	0
CCR2	2.80138	2.53411	2.47976	0.68663	4.46403	1.35534
DGCR14	4.71176	6.21715	4.32341	5.56382	6.80887	6.77313
MIR514B	0	0	0	0	0	0
C15orf54	0	0	0	0	0.0205108	0.0200681
CBLN1	0.4987	1.24927	1.2584	1.44384	0.661719	0.569743
CTTNBP2	1.37886	1.47426	1.63853	0.677475	1.59302	1.06906
SLC23A3	1.74958	1.98476	2.14796	3.45424	4.57353	4.30532
SKA2	8.06681	8.37482	6.86607	7.22866	7.14067	7.40441
SRM	55.0116	64.2852	39.9282	68.2731	35.8146	49.2754
CAGE1	0.140003	0	0.105983	0.131461	0.118892	0.0904953
FAM75D4	0	0	0	0	0.0062412	0

SUCLG2	34.1378	30.8126	35.0672	28.3095	25.4106	22.2493
CPEB1	1.45143	1.59666	1.92776	1.57467	1.64284	1.92877
GYPB	0	0	0	0	0	0
GJB4	14.3402	11.3425	16.6294	10.495	23.7438	25.1076
FZD5	2.90667	1.86317	2.98149	3.28883	2.11971	2.66263
ADAMTS20	0	0	0.0126585	0	0	0
OR52I2	0	0	0.0387886	0	0	0.0638605
PP13004	0	0	0	0.067988	0.0922315	0
CT47B1	0	0	0	0	0	0
MTO1	10.0472	9.18423	7.0386	6.81187	8.0054	8.41842
DCLRE1A	3.36273	2.81966	2.84122	2.0575	2.7359	2.7174
ARPC3	107.928	105.782	96.6236	102.249	95.3406	98.6082
RPL13AP17	0.0583871	0.0516222	0	0	0	0.0727688
FXYD6	29.9449	36.2175	27.228	34.0086	47.2425	45.9111
CDC40	7.38038	6.25618	8.02527	5.21539	7.75355	6.49568
ZNF724P	0.685026	0.701286	0.545861	0.372395	0.22963	0.33701
ADM2	0.480683	0.445227	0.346552	0.644791	0.699771	0.399389
ZNF605	4.8689	4.75821	0	0	0	0
U2SURP	21.5418	18.5845	20.8555	15.1556	22.1895	19.4974
BRMS1	32.5346	51.0183	31.9571	45.9848	39.6478	42.2416
AOAH	1.21468	0.918938	1.46426	0.412375	1.1941	0.649936
LOC10065291	5.3051	8.74754	4.33053	3.71622	6.11391	2.56603
GZF1	4.52581	4.10958	3.68842	3.92424	4.93403	4.1161
PDE9A	16.4059	10.1221	8.86835	11.233	9.60354	9.62993
MESP1	5.25935	6.88887	6.85678	5.76152	3.28768	1.82078
ZHX3	5.484	4.1476	5.87343	5.10507	5.79526	5.03492
OR8D4	0	0	0	0	0	0
ZNF441	3.57479	2.71735	4.0757	2.66078	3.65122	3.19207
MIR3605	0	0	0	0	0	0
THBS3	12.6263	20.3683	22.8452	24.2876	23.046	20.5517
HIC2	1.41573	1.73499	1.36881	1.47412	1.42839	1.27526
COPS4	27.1397	25.2721	26.3303	26.0488	23.6477	22.2747
GRRP1	3.45306	5.35829	4.001	2.44832	3.54577	2.54703
OR52L1	0	0.0927689	0	0	0	0
PRKRA	37.072	39.4608	33.4295	34.5213	30.3929	31.4028
CPNE6	0.565351	0.63617	0.311254	0.482596	1.11296	0.51244
TTC21B	4.7702	4.54863	5.84933	4.55317	5.71225	3.82014
VAT1	118.82	112.334	107.552	109.083	115.491	123.172
FUCA1	14.852	13.0884	12.6713	12.3559	13.8346	14.2897
MID1	4.27756	3.26456	3.76698	3.45081	3.5824	4.6195
REXO1L1	0	0.0119674	0	0.00635489	0	0
MRPL11	22.1558	29.5788	19.228	25.2713	20.2474	19.5495
CXCR6	3.13176	1.73643	1.16529	0.149526	1.72418	0.231543

MRGPRD	0.122798	0	0	0.115306	0.156422	0
MIR3180-3	0	0	0	0	0	0
GLOD5	0	0.156158	0	0	0.337473	0.220126
ECHDC1	59.2945	54.9079	65.2297	58.153	47.6265	48.1489
LRP11	26.5439	19.8247	25.3893	19.9598	24.5732	26.3406
PRSS53	4.63057	12.6421	5.08471	14.2864	7.0652	18.9704
AACSP1	1.08261	1.74788	1.95977	2.78447	0.98931	1.75992
VAMP3	67.6399	74.7639	68.7163	68.8672	64.1036	56.6627
HEMK1	7.24735	7.49454	5.3629	4.5688	8.80859	8.65208
C8orf12	0	0.0809825	0	0	0.0583374	0.171234
H2AFZ	134.173	146.251	104.431	136.751	112.255	121.451
PCNT	3.97821	5.26804	5.73946	5.41895	5.52197	5.19897
CIC	19.3035	27.8864	22.1629	27.7433	34.3501	25.5564
ING4	30.2974	45.0107	35.7511	39.7371	49.7888	43.9202
PPIEL	8.02427	11.8779	8.74009	9.80759	12.152	8.2558
OR6Y1	0	0	0	0	0	0
LOC10050550	0	0	0	0	0.0241427	0
FER1L6	0	0	0	0	0.0103556	0.0405284
ARAP3	4.47915	6.62724	4.5948	4.32602	5.03023	3.87352
LOC646498	0.378605	0	0.143303	0	0.120568	0.235931
MOGAT2	5.83699	3.61249	6.09771	3.39812	9.21967	6.18352
GFOD2	16.7575	15.3768	13.9164	19.4718	18.0861	21.0927
LOC145845	0	0	0	0	0	0
HIP1	3.74399	3.48442	4.24636	3.14549	4.12488	2.89795
PRR20C	0	0	0	0	0	0
SNORA32	715.077	526.855	90.2196	335.723	455.437	445.606
NDOR1	11.5923	17.5103	14.0004	19.6082	19.0648	16.4252
TYROBP	31.2286	35.985	35.1049	24.7883	46.0844	23.1048
DNHD1	2.14374	2.49025	3.30907	2.26668	3.42456	2.36403
LOC10050750	7.02881	9.85898	7.84611	11.5656	13.3948	10.0814
TRPM6	0.597839	0.366091	0.426479	0.453502	0.622258	1.36075
LOC10028850	0	0	0	0.0219756	0	0
SCN11A	0.322989	0.168744	0.366757	0.289496	0.504933	0.329356
ASPA	6.21186	5.73882	5.97932	5.17855	5.57752	3.44101
C12orf73	7.04816	6.783	4.53281	4.50969	5.12463	4.23664
SNORD81	0	0	0	0	0	0
C1orf110	0.275981	0	0	0.129571	0.0439435	0
SLX1A-SULT1	5.22758	12.0449	6.41294	7.5405	7.21208	6.91801
CYHR1	35.0071	63.104	42.9494	55.4793	55.2453	59.4035
MIR3907	0	0	0	0	0	0
RBP3	0	0	0.0171996	0.14934	0.0723544	0.0707926
MIR642A	0	0	0	0	0	0
SRPR	64.8115	52.6663	54.5823	54.74	49.0451	48.7008

HIST2H3D	0.761165	0.168243	0.144051	0	0.242395	0.533616
HIF3A	2.94689	4.68786	5.68511	5.69463	7.60537	4.40444
GSG2	0.607459	0.947783	0.67625	0.402631	1.31999	0.890689
DPRX	0	0.56466	0	0.399792	0.406764	0.663306
CRHR2	0.258399	0.421772	0.162335	0.158454	0.168799	0.265137
LOC388820	0.441808	0.585928	0.836127	0.829701	0.984864	1.10126
TMEM127	28.1971	21.0951	26.9731	23.4048	25.7598	25.6103
FCER1A	17.0875	20.8589	30.3539	11.5778	29.4339	15.9118
TSC22D3	106.06	99.536	104.92	107.505	106.331	70.316
ANKRD39	7.40421	12.7356	10.3948	14.0313	11.4894	10.4024
LOC10065288	0.735277	0.805974	0.681562	0.380432	1.49331	0.901693
LOC643650	1.59452	1.47089	2.9648	1.62739	3.46572	2.89419
CA12	77.0532	71.4837	82.812	91.1278	93.3062	86.4905
TTLL11	1.28591	2.35899	1.77326	1.71446	1.81634	2.16311
USP30	8.83798	7.7633	8.62541	7.34512	8.79843	7.91434
DOCK8	4.4895	4.28735	3.53119	2.65156	4.48848	3.04595
CRHBP	4.83146	3.16606	0.946632	0.693842	0.434426	0.0708414
C9orf4	0	0	0	0.0889188	0	0
OR7D4	0	0	0.0865121	0	0.0727868	0
WNT2	0.809143	0.223486	1.37559	0.773827	0.677442	0.577509
RNY5	0	0	0	0	0	0
LOC10012969	0.677411	0.262029	0.336528	0.636078	0.566274	0.369367
PRAMEF11	0	0	0	0	0	0
KLRF2	0	0.315943	1.35257	1.00663	0.455192	0.66805
DUX4L7	0	0.0200311	0.00714616	0	0.0549707	0.0274523
TRPC2	2.55681	3.43272	1.29035	0.266756	1.50782	1.0622
IGFBP6	52.1893	125.073	92.7731	69.7599	44.1892	44.4597
PRAMEF12	0.293608	0.674932	0.444525	0.165416	0	0.0365928
MIR4535	0	0	0	0	0	0
MTFP1	8.58671	9.97245	7.18994	9.09367	5.84381	6.81808
PIR	23.7191	21.8306	19.3875	15.6408	11.7833	13.9344
BUB1	1.43157	1.91096	1.06245	1.60779	1.6984	1.7492
SGSM1	0.674414	0.712485	0.896008	1.19939	1.57035	0.994035
C15orf23	26.2685	23.6026	16.8134	15.7833	13.3488	20.0969
EPS8L1	54.7111	62.9214	63.6339	90.2314	101.128	114.81
SETBP1	3.06522	2.53696	2.95807	2.67118	3.2654	2.74168
LOC10050604	5.60162	4.9526	7.26935	7.9381	12.7566	5.97657
HIST1H2AG	0.651072	0.575637	0.246433	0.305673	0.207336	0.608581
LOC10050625	0.471999	0.834623	4.28767	1.7728	1.50309	0.29413
SPHAR	10.2009	7.81324	7.90244	7.91488	8.88867	7.08798
FLJ35816	0.0946224	0.167318	0.358149	0.310971	0.0903983	0.235859
RFX2	2.51067	9.79678	3.28961	5.87116	3.07495	4.42292
MIR617	0	0	0	0	0	0

CC2D1A	20.4737	26.0091	20.6378	28.3055	26.011	25.0523
MIR548AE2	0	0	0	0	0	0
IER5L	6.28637	9.61209	6.18646	8.64587	8.78486	8.68741
FOLR2	9.69847	5.16497	8.84871	4.06779	9.04278	3.4565
MIR766	0	0	0	0	0	0
NXPH2	0	0.104355	0	0	0	0.0735517
CLK2	17.1841	25.5058	18.0956	19.8315	26.2305	21.686
VAPB	14.4551	11.3755	12.2358	13.6179	11.238	10.803
LOC150577	0	0	0	0	0	0
MIR520A	0	0	0	0	0	0
TUBA1C	178.725	178.011	147.422	183.832	135.303	180.358
LOC1001302	0.0755876	0.178213	0.0190734	0.16561	0.112332	0.062804
SNORD35A	0	0	0	0	0	0
ATP6V0A2	6.34399	6.09893	7.13189	6.54575	9.44646	6.14352
HIVEP1	3.44203	3.39183	3.81568	2.79174	3.19674	2.66289
MIR4788	0	0	0	0	0	0
ZNF32	35.8579	39.2074	34.5409	37.6149	29.9944	29.417
AURKB	3.97494	11.0226	3.89809	7.21033	6.09901	7.54364
RMI1	4.13383	3.50569	3.55509	2.71976	2.93734	3.32956
LYRM5	44.8128	42.9888	44.3965	33.7004	30.2016	30.3619
SLC39A7	62.686	54.7198	52.9799	51.269	50.6304	48.9333
ZNF419	7.43241	9.76019	9.03697	8.53226	9.36859	8.03041
SPI1	12.5426	19.9314	13.1349	6.7698	23.6232	11.7381
FAM164A	9.6177	10.5057	11.845	6.93195	13.169	10.2638
LRRC8C	4.07785	3.197	3.08695	2.28007	2.85776	2.13818
BSPRY	21.0642	18.7384	16.4369	18.4387	19.8071	22.8565
PRR18	0.185339	0.065546	0.112242	0	0.070826	0.0923962
FLJ21408	0	0.21111	0	0	0.304155	0.148795
M1	0	0	0	0	0.276613	0.270642
NYX	0	0	0	0	0	0.0238166
IRF2BP1	11.0905	15.4188	10.7987	16.7527	13.9993	14.248
MSX2P1	0.0473841	0.125682	0.0717401	0	0.120717	0.0295278
LOC1005059	2.84776	4.54436	2.73999	3.82673	4.29021	2.81653
TMEM85	93.0828	91.9154	85.5273	92.215	79.6237	76.3659
SYT8	1.90901	7.02135	16.9369	26.8879	21.2532	20.7469
GNPDA1	15.9081	15.3578	11.0697	11.9001	12.4462	11.7082
ATG10	3.47195	5.31615	3.98015	4.01221	3.57173	3.4669
LOC1005063	3.07824	2.26799	0.291281	0.240868	0.163379	0.159852
SNORD116-1	0	0	0	0	0	0
MIR4651	0	0	0	0	0	0
TIAF1	25.0784	42.3275	20.8508	39.5978	36.9392	33.056
C18orf23	0	0.208947	0	0.221909	0	0.14727
C20orf94	1.31554	0.957864	1.69884	1.74392	1.18289	1.01268

SNORA30	0	0	0	0	0	0
DNAJC8	34.2222	35.6771	30.7273	32.8047	31.5383	30.6721
KCNIP4	0.685631	0.563475	1.62246	0.643797	0.621864	0.578202
FAM92B	0	0	0.0415198	0	0	0
FAM169A	1.16004	0.769225	0.75619	0.468986	0.790144	0.652607
LOC10050588	0	0	0	0	0.402417	0
CALN1	0.259884	0.361986	0.6498	0.421903	0.34299	0.323166
MYOT	1.2331	0.626611	0.709011	0.502844	0.745748	0.583643
STT3B	34.3227	18.6467	27.4927	20.2622	22.5345	23.4182
ERCC1	71.3531	84.6964	61.2518	75.5339	58.1414	53.9519
PTBP2	8.15189	9.30228	8.05009	7.36314	9.77314	7.57592
ORAOV1	14.0804	17.4568	12.4706	16.3674	18.2914	16.0323
CSAG3	1.60684	3.48827	0.490559	0	1.15546	0.414093
PARP11	2.37306	2.327	2.56398	2.32955	2.32208	1.84177
MAP3K9	0.822166	0.787483	1.07621	0.739834	1.10183	1.00333
LOC10050547	0	0	0	0.167771	0.113798	0
NR2C1	8.10066	8.39811	10.3928	9.82831	11.3519	9.12391
ZMAT4	0.242863	0.161043	0.349025	0.349193	0.322252	0.204312
LOC339874	0.209313	0	0.0792254	0.147406	0.16664	0.0652174
ZNF705E	0	0.118506	0	0.251714	0.256104	0
LOC642826	0.309938	0	0	0	0	0.0965701
UXT	139.602	168.735	130.52	195.167	139.94	125.427
TTF1	7.04391	6.23174	5.19127	5.90739	6.58335	7.21623
OR5D13	0	0	0	0	0	0
PPARGC1A	6.74312	3.58245	6.64969	12.9757	5.54656	5.12534
RN5-8S1	0	0	0	0	0	0
UTF1	0	0	0.14824	0.0919379	0.187082	0.0610147
MED19	8.44404	9.41064	8.48719	8.19533	8.45129	7.38444
ZNF664-FAM	2.86E-19	4.60E-20	1.20E-12	0.361395	0.227012	2.51E-18
ZNF730	0.424067	0.187467	0.0687902	0.341308	0.115753	0.528521
OVOS	0.472684	0.780371	0.793363	1.08007	0.529358	0.432031
PPP2CA	66.042	52.0069	57.3293	52.343	56.1479	61.945
RXFP1	0	0.111384	0.0635784	0	0.0267458	0.0523369
IL10RB	19.5771	20.1067	21.0322	18.6344	20.7358	18.9178
C9orf96	0.395821	0.413589	0.326878	0.574398	0.710465	0.493317
LOC10050674	1.91974	1.74446	1.97804	2.00289	2.10575	1.6283
EIF3F	100.212	123.148	105.038	154.167	104.006	105.626
SCXB	0.736643	2.29776	1.0796	1.33912	1.20108	1.1804
PHF10	24.4519	22.0457	23.5251	25.1171	26.0957	23.3117
LOC10050565	0.197825	0.349809	0.599018	0.928773	0.125996	0.123276
KCNK5	29.2213	18.8166	26.5253	30.9349	12.6326	19.2569
RIMBP3B	0.112377	0.0629233	0.0448651	0.0462469	0.0980278	0.107767
TLL2	0	0	0.0262372	0.0325444	0	0.0431963

XPOT	13.9402	12.3469	13.1723	10.3742	10.7047	9.48788
TFR2	1.18906	1.66626	1.17883	1.03972	1.17426	0.970399
C2orf53	0	0	0	0	0	0
LOC729915	0.182533	0.0598836	0.130868	0.160746	0.231052	0.157221
CHRN1	5.56381	6.13061	6.0663	5.38028	5.97656	6.46853
LOC10050756	0	0.135873	0	0	0.0978787	0.0957659
C2CD4D	1.75978	2.77323	1.57053	2.66918	1.81386	1.85507
AQR	8.98994	6.69069	8.95905	6.09064	6.523	6.41765
RNF38	12.0295	10.4778	12.1335	10.083	12.6957	10.4261
C17orf48	3.18578	5.06999	5.84155	5.38451	6.76346	4.14695
EAF1	8.50783	6.39568	8.28761	8.45506	9.33829	12.6353
CCDC9	15.5493	17.1336	17.9562	17.5299	21.1736	20.8194
RPS6KA6	1.37429	1.16401	1.95829	1.17115	1.37546	1.61924
LOC728758	3.68864	3.56464	3.50664	2.497	3.03226	3.95574
DNAJA1	126.551	75.0855	69.831	55.9121	64.7918	78.7744
PWWP2A	9.92203	11.1831	9.65171	9.5158	11.0517	11.0095
LOC729162	1.36649	1.29887	2.20487	1.57557	1.54376	1.54223
CCDC163P	2.17175	3.22545	0.752486	0.809649	3.93177	3.92469
LOC10050548	1.6444	0.726939	0.933618	0	0.785498	0.512362
TFPI	7.35166	7.60084	8.19662	3.48814	8.41652	6.14059
MIR3157	0	0	0	0	0	0
CEPT1	22.0122	22.5668	23.2016	20.1919	21.8155	21.5063
KIAA0922	6.14883	6.53658	6.16441	6.21254	5.54371	5.54636
C1orf70	0.613511	1.80809	1.00627	1.05614	1.43275	1.08322
ATP2B4	40.2487	32.0876	45.6584	35.0336	41.3569	37.217
LOC10013023	0.838701	0.526014	1.12644	0.186033	1.37666	0.606136
LOC10050675	1.15E-08	6.31E-10	1.62E-08	1.54E-09	3.28E-10	0.018369
CGB	0	0.431132	0.4311	0.862289	0.425745	0.286238
TMEM234	8.19141	9.12307	8.93864	9.98867	11.0436	11.0041
SHMT2	28.6092	32.141	27.9272	36.6005	33.056	32.9505
SNORA52	232.035	82.0602	210.782	217.877	147.784	173.513
FNDC3A	15.7492	10.1165	14.2519	8.53376	12.57	10.3464
LALBA	0	0	0	0	0	0
LOC10012898	0	0	0	0	0.0751124	0
OR5J2	0	0	0	0	0	0
HTR7P1	0.928434	0.703597	1.573	0.830271	1.73174	1.73568
VEGFA	44.0114	35.4149	35.077	37.725	45.0169	37.3354
PCDHGB7	1.94524	1.53204	2.39391	1.12791	2.25539	2.01841
LOC10050607	18.4454	22.0505	18.7325	28.5466	27.3702	21.8135
BAG2	1.90735	3.10645	2.39379	2.02663	2.30173	2.00182
EYA3	11.5598	9.65884	11.0948	9.1696	10.9122	11.5178
C7orf49	13.5245	15.9703	13.1408	12.4989	12.6372	11.9256
LOC648809	0.614048	0.349774	0.366709	0.204688	0.555354	0.181122

PLP2	230.9	273.663	242.237	308.257	285.155	279.734
CTU1	2.04797	4.91472	2.953	4.53281	3.85098	4.40596
C17orf70	13.7049	21.6211	14.4639	21.1254	19.1705	19.3794
CDYL	12.0105	11.4563	11.9374	10.7322	11.814	10.7027
BCL2L2-PABP	51.0527	65.53	40.9372	58.1121	55.9161	50.7026
LOC10013070	0.668601	0.932175	1.44054	1.27976	2.04729	1.60248
CNGA3	0	0.0227916	0	0	0.0656758	0
LINGO3	0.0481757	0.0851878	0.109408	0.0904724	0.429567	0.330232
AP3M2	9.99831	9.03167	7.38367	8.01065	8.40986	7.09398
STUB1	67.2611	96.0789	76.631	96.507	74.959	74.9716
RAD21-AS1	0.359969	0.272806	0.390157	0.193533	0.0654943	0.160394
OR2T29	0	0	0	0	0.0801303	0
LOC10013290	9.09891	8.55277	6.30789	4.94637	11.4683	9.48988
SENP7	8.56556	8.3481	11.5169	7.65984	12.369	9.3915
EYS	0.204581	0.133692	0.121202	0.116929	0.141629	0.149658
TRIB2	19.6257	20.5755	11.4215	12.5904	19.1284	14.7417
IL31RA	0.418422	0.668246	0.345641	0.569447	1.63045	1.80333
IL1A	1.87043	1.05236	1.46741	1.11765	0.671452	1.12319
GAS2L1	27.3485	42.0635	33.821	46.9239	36.2065	33.2538
CCNK	21.0497	22.8017	22.1133	22.3517	24.2252	21.7925
BEX2	13.4884	12.9231	10.551	17.9875	12.7858	13.5169
CCT5	34.0352	27.7888	27.3861	28.4257	21.9537	23.8063
PPYR1	2.17256	2.62358	3.57007	3.13463	4.92737	3.00488
LOC10050645	0	0	0	0	0	0
MIR492	0	0	0	0	0	0
FLJ34208	0.30473	0.449038	0.538258	0.858409	0.388168	0.189895
DTX3L	15.5432	11.8542	7.50545	2.88687	8.47711	4.10003
AK1	23.1657	27.3089	19.2391	26.1871	18.0299	18.2481
ENG	32.6742	39.5055	27.4573	26.3048	29.424	23.2999
KRT23	68.6195	46.6522	67.7181	79.4534	79.2575	84.1229
OR51A7	0	0	0	0	0	0
PRAMEL	0	0	0	0	0	0
ABAT	4.05235	3.12704	3.38683	3.07015	3.02804	3.03752
CSNK1A1	74.0443	56.1752	70.3478	56.7564	65.7669	64.3203
CHRNA4	0.0350041	0.0464226	0.0529966	0.0657366	0.15606	0.0763458
DCC	0	0.0652994	0.027955	0.00866878	0.0940795	0.0172591
FAM83C	13.2253	16.2264	23.1711	23.8385	23.3581	21.7629
ARRDC4	18.8751	18.9754	25.7122	18.4207	29.0931	27.0172
SPCS2	20.3176	17.7345	15.7447	16.8191	14.496	14.6674
POP4	12.5265	13.6467	11.8312	14.4569	11.7326	12.2499
TRIM58	0.634673	0.52813	0.452189	0.438197	0.939233	1.04692
UNG	54.2202	51.8342	45.7126	53.0917	40.4725	45.0635
LOC10050695	0	0	0	0	0	0



GPBP1L1	46.9322	40.4988	46.9476	44.462	50.1303	46.709
FLVCR1-AS1	0.892655	0.99732	1.85741	1.22448	1.01375	1.19693
IFRD2	26.8056	40.7003	27.2109	34.9424	24.4343	27.7941
PPME1	26.5896	25.3677	26.3074	27.5994	30.877	35.4767
PRPF18	12.0111	12.1339	11.6233	9.12721	9.71363	10.2627
HOXC4	2.96654	3.34694	3.61795	5.75254	5.68316	4.96622
GJA3	0.443696	0.24518	0.489826	0.902685	0.447438	0.979245
LOC10012894	0.0485619	0.0644031	0.0735233	0.205195	0.216506	0.423664
ASTN1	0.012998	0.0459837	0.0491979	0.0236069	0.0919835	0.0156668
GML	0	0	0.137385	0	0	0
CYP4V2	5.15919	4.08893	8.20007	6.96744	4.80451	3.39431
CDR2	6.56627	6.55987	6.90843	7.97699	6.71025	4.04559
CLK2P	15.3079	17.8755	13.075	16.7606	22.9946	16.9187
LOC10013017	0	0.0594304	0.102019	0	0	0
TMEM236	0.176276	0.202046	0.106933	0.0998622	0.16794	0.131701
LOC345051	0.540248	1.37325	1.73813	1.83891	1.54839	0.50499
FBXO47	0.0442062	0	0	0	0	0
MIR4640	0	0	0	0	0	0
MIR3620	0	0	0	0	0	0
NDUFB2	202.929	234.965	214.673	257.92	153.74	192.072
LOC10050605	4.52076	9.40532	6.47621	8.26002	8.90191	7.34893
C14orf37	1.06198	0.682865	1.09627	0.423049	0.512412	0.501351
HOXA10-HOX	6.11E-06	1.68E-06	4.36E-06	1.58E-06	1.36E-06	1.99E-06
LOC644093	0	0.108139	0	0	0	0.0762184
CGRRF1	6.16044	6.0355	5.79785	4.50793	5.14312	3.8908
RALA	24.1767	20.2438	25.4611	19.8972	23.4823	21.5796
LMBR1	8.17106	5.37462	8.63584	6.35668	6.27268	6.44476
ALK	0.0305031	0.0269689	0.127001	0.0286419	0.097138	0.0665288
HSPA1B	109.298	99.9374	113.201	108.73	106.433	128.953
PRND	0.122533	0.0866689	0.0371033	0.276136	0.124867	0.397059
AHDC1	13.4567	14.0277	19.2281	19.4362	20.3693	16.7712
JPH4	0.546021	0.824672	0.654689	0.36302	1.11989	0.878397
LOC10028807	0	0.0361954	0.071943	0	0.0260741	0
ALKBH4	4.82865	7.0137	6.13808	7.89155	6.8027	6.66415
KHNYN	21.1956	24.7134	27.1361	24.3298	31.9766	24.8611
SLC29A4	7.34396	8.36188	15.8604	7.83469	9.91471	7.56285
LOC10028947	0.519913	0	0.918347	0.65092	0.331136	1.94393
BEST2	0.707132	0.721387	0.86472	0.459683	2.07866	1.52534
FAM136A	31.0597	32.3794	26.5391	29.0739	25.7364	25.4577
ZDHHC23	5.67119	4.0296	4.84201	4.52274	5.36029	4.95412
FAM125A	25.9352	38.6062	31.1273	37.5475	35.6194	34.3216
SNORD121B	0	0	0	0	0	0
GTF2H1	19.2137	16.0091	17.4899	16.6147	15.9998	13.2002

CCND3	43.2697	45.2307	33.4317	37.3022	41.3289	34.4415
EGFL7	35.6814	79.4902	43.5369	49.9524	52.613	41.7437
TMEM63C	11.1002	7.5336	7.70269	5.59565	3.37628	4.63363
FERD3L	0.216888	0	0	0	0.276275	0.405467
LOC10050584	0	0	0	0	0	0
GYS1	25.7901	27.4036	25.3489	25.2781	24.2889	25.3612
LOC10013109	1.90532	1.95632	2.18683	2.5657	2.49983	2.47781
HMHA1	10.394	14.9522	10.4021	10.1661	16.0667	9.45752
CPOX	14.1685	11.8073	12.6299	9.93458	17.4354	17.474
LAMA1	0.908867	0.648035	0.932153	0.991059	0.510395	0.657717
BTBD16	1.12985	2.14773	1.19743	2.12183	1.83501	1.61938
LOC731779	0.4761	0.280625	0.840958	0.447051	0	0.395581
NMT1	26.1737	25.6561	24.539	26.042	25.7287	25.7273
PCDHB17	0.0434245	0.119292	0.122007	0.233849	0.133053	0.170855
AMDHD1	0.720379	0.636914	0.618042	0.856804	1.31527	1.13724
PCDHB13	0.957959	0.43181	1.28997	0.7325	0.755816	0.537386
ZNF98	0.0902278	0.147729	0.106723	0.0423612	0.0897915	0.114795
LOC10050720	0	0.158579	0.0452589	0.112278	0.0380786	0.0372566
OXNAD1	3.1223	2.67359	3.0522	2.42392	2.74021	2.77298
PYGL	32.6291	30.6865	29.0682	22.7085	19.9124	21.253
APBA3	6.22009	10.2012	6.32612	8.51564	9.91915	9.64586
FAM83A	14.9854	14.2765	13.7277	17.0711	23.1597	28.912
SEC22A	5.9647	5.6048	7.3292	7.44062	8.24023	7.16455
MASP1	3.84942	3.30309	7.52932	2.94061	8.26106	5.94099
DEFB114	0	0	0	0	0	0
RFESD	1.35083	1.25131	2.01017	2.00088	1.30512	1.57213
GMEB1	3.43296	3.04523	3.69237	3.00581	2.76439	3.58786
KLHL25	4.76232	5.01031	6.00179	5.32112	6.7102	6.63167
C9orf30-TME	0.53426	0.589754	0.494246	0.231608	0.702923	0.833465
LOC10013273	0.840587	0.603845	0.477247	0.493311	0.936906	0.556557
MIR26A2	0	0	0	0	0	0
MIR1200	0	0	0	0	0	0
HAMP	0.434308	0.383988	0.657548	0.407809	0.276613	0.270643
PPP1R3B	10.0702	8.14584	10.294	9.15321	12.3629	10.2212
CCDC76	11.6826	10.859	11.3402	9.07774	11.9347	10.3861
PPP1R1B	102.612	57.4332	89.5785	91.368	51.5327	42.7693
CMBL	3.32279	2.85269	4.48395	3.14266	2.44859	2.28069
SNAR-A10	0	0	0	0	0	0
SYDE2	0.738812	0.326605	0.68357	0.501029	0.588192	0.473185
LOC653562	0.244255	0.38486	0.454793	0.68176	0.275093	0.310774
FAM57B	0.0541395	0.299166	0.122952	0.152508	0.172409	0.101212
WFIKKN1	1.33084	3.85941	1.37014	1.69951	8.03546	6.03749
MIR483	0	0	0	0	0	0

MIR4509-2	0	0	0	0	0	0
C15orf53	0	0.178482	0.0382045	0.0947772	0.0642866	0.0314495
LOC440292	0.25306	0.4972	0.170283	0.330027	0.0716335	0.424028
MIR517C	0	0	0	0	0	0
PHGR1	1.25001	0	0	0.391246	0	0
ST7L	3.52579	4.73626	5.94354	6.47055	7.24609	6.80519
SNORD15B	0	44.0216	18.8458	0	15.8559	15.5137
RHCG	17.5186	13.2311	7.05668	42.2058	13.2505	18.6288
TTY13	0	0	0	0	0	0
WWC1	18.748	9.01789	13.5193	13.0095	10.4938	11.5615
MIR548AJ1	0	0	0	0	0	0
LOC10028819	1.77313	1.09687	1.34371	0.976417	1.02444	1.27491
COMMD4	41.823	67.6384	47.5231	66.2242	57.8243	58.8425
SLC24A2	0	0.0409073	0.00656613	0	0.0294684	0.0337882
TUBA1B	94.5054	99.2501	94.6644	98.6105	104.895	96.5319
NAPG	13.4182	13.2853	13.3107	12.847	15.9002	14.4235
LOC286442	0	0	0	0	0	0.073796
LOC642781	0	0	0	0	0.0437256	0
GGA3	18.2922	23.3764	19.0003	19.3834	25.2695	20.5323
PPM1E	0.0730937	0.0837536	0.132848	0.0455236	0.0731059	0.0287654
AGPAT3	82.8722	65.9543	60.3914	61.604	60.0221	72.317
LOC10028691	0.590281	0.0792208	0.770581	0.196316	0.993274	0.540497
ZNF773	3.88279	2.99521	3.37252	3.13759	3.6355	3.73054
ADPRH	3.83486	3.89659	2.70803	2.4185	2.51535	1.97955
TMEM184B	18.9453	22.3421	18.6157	19.8479	19.0566	19.3057
PSMB3	111.528	128.854	87.2763	93.6406	85.3049	95.2956
LOC10050621	0.475283	0.140072	0.119931	0.595044	0.403614	0.197451
LOC10050719	3.33515	2.77527	3.08165	2.07242	4.99806	4.12608
PTPLB	32.0734	10.8227	32.1814	14.1672	15.9554	13.6005
SLC5A3	6.34191	2.98982	3.69148	3.84369	3.92225	3.15792
PAPLN	7.67776	9.3272	8.54522	9.11693	16.0085	14.7159
LOC10065273	3.81576	2.30661	4.46766	2.99666	4.26221	4.89959
TATDN2	15.398	15.3526	15.8991	16.3789	15.318	12.7938
UBE2S	11.3094	17.3236	10.1586	16.0911	10.5532	12.5831
PIEZO1	18.5183	22.5085	25.9099	23.1706	27.8353	26.7134
LOC401321	2.18993	2.21284	1.98935	2.0759	2.13425	1.46868
MIR449A	0	0	0	0	0	0
RPL13AP20	137.134	207.997	143.119	229.912	153.837	147.16
FAM90A15	0.0156343	0.0115191	0.0805455	0.0122336	0.0569007	0.05818
C4orf29	4.88011	3.65721	4.53867	3.40403	4.38104	2.95419
RNASE11	0	0	0	0	0	0
FXN	3.5186	2.56706	2.7273	2.09524	2.41336	2.56318
MIR1263	0	0	0	0	0	0

STAR	1.82291	3.51943	3.12602	2.13087	3.10396	1.41416
NRN1	17.9803	19.1296	21.9523	19.9401	19.4903	16.8225
ZNF439	4.54388	5.17023	10.3491	7.71704	9.71385	9.8735
HCG9	0	0.186074	0.159318	0.197617	0	0
LOC285943	1.17561	2.20999	0.849624	1.00401	2.57125	2.77772
RAB34	31.612	48.0908	35.6622	48.2611	43.4835	34.0238
TSC1	10.662	11.4539	11.3672	10.8303	15.1227	13.2597
LOC1002885	0	0	0	0.00591269	0	0.00392396
MIR4777	0	0	0	0	0	0
HERC2P7	6.19375	8.00356	12.8038	15.5462	18.3966	14.214
MIR653	0	0	0	0	0	0
ID4	46.7144	28.3903	71.0869	60.9946	59.2293	70.9938
SLC6A20	0.147579	0.189212	0.125072	0.61136	0.428377	0.439486
TREML4	0	0.131914	0	0.046699	0	0
HOXA3	1.81186	2.24259	1.32539	1.67327	1.536	1.90038
LOC1005058	0	0	0	0	0	0
FAM206A	16.9068	16.2457	15.5558	15.0585	17.035	16.5995
C20orf177	4.8302	4.1799	3.96807	3.29566	4.80902	4.13948
GCNT7	0.149685	0.0512082	0.317274	0.093701	0.262171	0.0792232
LOC1001305	1.60858	1.16098	2.09854	1.50701	1.02219	1.45625
SNORD32A	0	0	0	0	0	0
PRAMEF23	0	0	0	0	0	0
PRM1	0	0	0	0	0	0
SELENBP1	63.3987	79.9925	75.3174	72.6689	58.9123	77.7287
SOAT1	144.553	114.508	117.032	91.2156	68.5276	98.1332
INTS4L2	0.92946	0.693381	0.899441	1.07676	1.11796	0.862649
ACAT2	185.317	149.562	133.119	125.553	98.3688	126.886
TK1	13.5698	24.3497	9.10853	19.709	17.4982	17.8703
SERAC1	7.76679	4.43307	5.93538	7.5006	5.00933	4.8093
LOC1005061	6.06832	7.56627	8.74326	13.3858	12.3475	11.3566
CDCA7	11.3619	16.7508	12.3734	14.446	16.5277	12.2241
TMTC2	4.40899	3.10441	4.03234	2.47275	4.52348	3.58045
MIR4463	0	0	0	0	0	0
PLEK	6.47273	5.44437	5.11178	2.49682	8.53473	3.27043
CPSF3L	45.404	68.05	47.3386	64.6286	56.5073	58.7841
RAB15	18.9121	19.3664	12.3813	12.2479	15.6532	12.4731
LOC643750	0	0	0	0	0	0
CBLN4	0	0	0	0.151122	0.0256263	0.0501462
LOC388780	2.01952	2.14264	0.305757	1.8963	0	0.755087
CLTA	121.36	123.648	96.7244	128.652	109.917	114.907
AP2A2	14.3818	17.8639	17.1052	14.3879	18.7206	15.6767
ISPD	0.948051	0.696153	0.684421	0.605021	0.808947	0.909897
WNT7A	0.676953	0.924984	0.838566	1.04015	0.587939	0.805347

MIR500A	0	0	0	0	0	0
LOC10050700	2.5044	4.20704	3.41252	4.23286	3.98766	2.49702
KIF25	0.0809839	0.515528	0.4414	0.356725	0.326653	0.362509
RHBDL1	1.23545	4.30854	2.33811	6.57372	4.7649	3.55
DLL1	12.0735	16.2623	19.1369	19.3425	21.1703	17.2951
LMBRD2	2.41195	1.40367	2.98147	1.00338	1.73064	1.59815
MIR3064	0	0	0	0	0	0
HSPB8	33.505	22.7307	28.06	47.8454	35.3138	34.2941
SRRD	12.3462	10.9134	7.78515	10.0623	10.0183	11.2633
PBLD	2.35049	2.26442	2.23817	2.46919	2.51563	1.55912
KCNAB2	7.24471	11.5854	6.96907	9.77342	12.9593	8.33568
LINC00226	0	0	0	0	0	0
LOC10050609	0	0	0	0	0	0
SNORD61	0	0	0	0	0	0
HOXA7	7.02746	7.27871	5.55093	5.68138	4.25903	4.01643
C4orf6	0.420426	0	0	0.263182	0.0892572	0.174661
COL6A2	205.606	268.847	321.514	212.417	308.045	241.175
SLC9A2	3.03627	1.77925	2.51228	3.38143	1.21426	1.65006
CCND1	70.028	72.0465	92.0502	99.377	83.5479	91.1016
AQP1	179.642	193.94	183.328	164.916	171.431	134.218
FAM190B	11.2049	8.01497	11.1317	8.77928	8.55428	9.14032
SPRED2	9.88206	7.18036	5.96615	7.50702	6.38503	6.14547
PHF16	4.19041	3.3764	2.62527	2.82945	2.62946	2.37976
LOC10050724	0.376269	0.498808	0.740278	0.565225	0.479262	0.515636
UBE2D2	35.6586	37.5993	32.7371	35.3639	32.3727	30.6823
MLXIPL	14.6227	25.1409	34.3411	22.7407	15.233	9.40431
NCAN	0	0.0395321	0	0	0.0189852	0.0185754
GALC	9.2294	6.90229	7.56825	5.70475	8.06602	6.50186
MIR4461	0	0	0	0	0	0
ZNF804A	0.0619257	0.0365006	0.015626	0	0.0920287	0.0257263
RPAP2	3.78993	3.06924	3.97802	4.01765	3.20961	3.21512
JAM2	10.9227	10.8712	10.2058	8.84975	8.62633	6.30092
C20orf30	51.4935	47.4981	56.0516	45.0023	41.8708	35.6484
NPC1	15.2943	10.1714	12.5605	10.5128	12.0917	18.3672
SPAG8	1.25908	1.37434	1.79453	0.871665	2.45469	1.92305
DNM2	51.4301	54.7354	53.8054	54.514	66.9746	54.6913
FLJ44881	0	0	0	0	0	0
SPTLC3	23.232	14.2478	18.9337	14.177	16.2536	24.2976
CENPBD1	4.81586	4.19422	4.49939	4.42894	4.45948	3.88165
FLJ39051	1.02824	1.21214	1.16757	1.28733	1.20063	1.3883
PRC1	7.31757	10.6316	7.62265	8.88168	9.52571	8.46239
MGAT1	81.001	90.7676	77.5451	84.8413	79.0715	81.4553
GOS2	239.43	280.036	379.206	236.166	201.18	56.2392

MGC70870	0	0	0	0	0	0
SLC35E2	11.3913	13.8175	15.7762	17.7763	21.9665	19.6154
HS2ST1	6.80529	5.87915	7.02067	5.90187	5.85887	5.30725
SEMA3F	27.1124	33.4524	36.3088	49.4989	41.4967	46.4243
FNIP2	3.98877	2.39985	5.13694	2.89063	3.39432	2.8363
LOC10050561	0	0	0	0	0	0
C3orf51	0	0	0	0	0	0
KCNE1L	0.516569	0.717699	0.335182	0.277172	0.141002	0.275918
SLMO2-ATP5	6.58E-18	5.01E-14	3.26E-26	3.38E-15	1.14E-10	1.18E-11
DYNC2LI1	17.6275	18.0173	18.1561	15.5043	19.6366	17.0671
MIR4688	0	0	0	0	0	0
SPHKAP	0.0628068	0	0.1593	0.145619	0.142867	0.0880632
MIR3661	0	0	0	0	0	0
S100A8	1794.92	1468.99	183.659	471.069	1064.18	691.988
UBR7	14.8885	13.4073	13.1712	12.8935	14.3813	11.8986
O3FAR1	1.82397	0.96318	2.22538	1.48273	1.35234	0.797525
ZNF850	0.504024	0.434757	0.623507	0.646418	0.665544	0.482621
MIR4484	0	0	0	0	0	0
LOC283089	0	0.0357296	0.0305999	0	0	0.0503557
USP1	19.784	17.0823	16.9406	13.4033	17.3191	14.475
C20orf201	0	0.124853	0.2138	0	0.0899402	0
ZNF257	0.390603	0.345346	0.887065	0.681144	0.764101	0.64329
LYZL2	0.164941	0	0	0	0	0
TNFSF15	0.86611	0.633824	0.550482	0.36188	1.04596	0.604602
ENOX2	4.01887	3.59542	3.38445	2.76903	2.90808	3.51215
C8orf76	14.5266	13.9961	11.3577	13.2076	11.9746	10.7802
CHAT	0	0	0	0	0	0.0302679
SH3PXD2A	18.552	19.4272	21.8765	19.8784	20.6752	19.9891
LOC339760	0	0	0	0	0	0
TMEM185B	10.0285	9.6648	9.89837	8.43252	9.25217	7.64586
ACTA2	329.903	311.468	156.296	217.095	155.103	149.142
LOC10065291	0.597657	0.229123	0.69241	0.596451	0.863604	0.665033
LOC646324	0.159309	0.0704256	0.0401993	0.0249315	0.152197	0.0992748
ZFYVE27	19.4572	27.3794	19.3495	25.3964	31.3097	27.0466
SNORA60	0	0	31.2835	0	52.6406	154.513
KRTAP25-1	0	0	0	0	0	0
SLC2A2	0	0	0	0	0	0
LOC10013031	0.66332	2.05263	0.878739	1.71283	2.00674	1.44673
KRTAP6-3	0	0	0	0	0	0
MIF	329.736	516.368	352.473	670.064	497.602	618.419
SLC25A5	375.399	336.64	304.241	411.799	298.488	311.922
EIF4A2	212.943	203.065	203.423	184.755	217.017	191.351
SNAR-A12	0	0	0	0	0	0

C8orf38	6.20488	6.93493	5.93783	6.59576	6.18872	5.58094
TRIM25	27.7031	26.0131	25.1909	19.3215	29.9739	22.38
MBL1P	1.30214	1.33284	1.32842	0.573135	1.02048	1.00095
ENOPH1	28.1021	19.3147	22.0111	20.0314	19.9887	19.749
GBP1P1	3.80226	2.96164	0.548174	0.424969	1.09616	0.282031
LOC151171	0	0.0369932	0.0633478	0.0785761	0.133244	0
IGFL3	15.2606	17.6866	12.6452	13.7486	18.914	20.3475
CIAPIN1	18.4903	18.5398	18.1404	20.9811	16.4734	17.841
CABIN1	10.9313	15.0029	10.8591	11.8518	15.1335	12.4605
LOC728175	0.166422	0.098093	0.125982	0.104178	0.0353316	0.034569
DIDO1	29.1598	32.715	31.0252	31.2303	36.2469	31.7262
ABCF1	25.632	27.9169	22.7226	24.3999	24.4499	25.187
LOC1002890	0	0	0	0	0	0
MIR217	0	0	0	0	0	0
GANC	4.41186	3.6394	5.43317	3.68678	4.98798	4.03842
GALNTL6	0.0700286	0.12383	0.053012	0.131511	0.0446016	0.0436388
MKRN7P	0.195166	0.0575179	0.295484	0.183258	0.0828683	0.243239
SPAG16	19.2251	21.5107	23.5448	21.04	25.8826	22.214
OBSCN	3.35707	4.55502	2.67579	4.57464	6.38199	6.41771
AKAP10	8.5707	6.43045	8.55597	6.5408	8.06847	8.21349
ZFAND2A	19.895	24.0079	21.5734	21.0794	18.75	16.7537
TGIF2LY	0	0	0	0	0	0
TMEM134	99.5162	158.533	109.941	162.809	110.489	125.527
IFNA17	0	0	0	0	0	0
LOC1006528	1.79733	1.26806	1.00004	3.19769	1.62953	0.823217
AKIP1	9.91177	11.2462	7.73027	9.55915	8.54458	9.51611
TYMS	11.3367	16.0519	6.84813	8.70233	9.6665	8.65557
LOC729454	0	0	0.181223	0	0	0
STK11	20.2153	32.1662	24.2476	32.3786	29.4684	26.5032
MS4A4E	0.249762	0.220824	0	0.234522	0.159075	0.155641
PCDH15	0.113634	0.0565094	0.193499	0	0.191553	0.177076
PCNX	5.6728	4.90636	6.86765	4.78104	6.81897	4.77526
NUDT7	12.2548	14.216	11.6283	7.85365	10.7507	10.6956
LOC441402	0.664926	0.396932	1.14714	0.656655	1.54131	0.723867
PTMA	681.653	811.556	662.464	736.293	669.852	596.244
SPINK8	8.59483	1.44743	1.54913	0.768611	0	0
C17orf62	29.4147	46.6006	33.6674	36.1036	47.9287	34.8052
CSF3R	0.954206	1.66052	1.37802	0.95018	2.76195	1.38272
SLC7A6OS	9.4076	7.25042	9.58135	8.85479	11.1106	8.04598
CHAD	6.54475	3.69231	5.04878	6.67217	7.34431	9.47745
LOC1001313	0.324275	0.328578	0.176265	0.248314	0.526228	0.322461
C12orf26	4.77448	4.07382	4.88098	4.08372	4.58676	3.52537
TAOK1	11.536	7.34249	11.1426	7.97248	9.82739	8.45243

EIF3D	116.515	130.956	118.409	135.783	111.257	113.696
GNAS	504.322	470.248	416.856	473.674	399.9	373.345
FLJ32955	0.0570515	0	0	0	0	0
SLC2A4	13.7107	12.2612	14.7354	10.9548	10.0343	6.23159
GNB2L1	1285.42	1858.93	1419.32	2089.62	1548.33	1462.5
GYLTL1B	21.0607	28.695	21.0461	36.1056	26.3447	27.8888
TMX2	81.8711	69.66	58.6674	67.4383	54.7856	54.9811
GABRR2	0	0	0.246584	0.0611723	0.124478	0.162388
SCAMP3	46.9985	58.326	43.693	55.1391	47.6541	46.242
FLVCR1	2.94998	2.76496	2.8555	3.19381	3.67558	2.7022
NACAP1	82.6819	89.3595	81.897	104.068	87.1126	84.0942
MCM9	7.3208	5.81289	5.04863	4.95845	6.44205	6.19488
PI4K2B	11.8807	10.3837	11.9436	9.69736	9.25035	8.76201
CYGB	13.6562	22.8794	18.0341	17.0487	15.454	9.97879
CAP2	7.64489	5.88886	8.3952	6.53145	3.25998	3.70077
HAVCR2	4.47048	2.71251	4.71131	1.89309	3.74054	1.66603
SMC1A	10.8478	7.88381	10.7606	9.69395	11.0433	10.1217
BHLHE40	68.9033	66.821	67.1197	85.7125	63.8686	51.7453
LOC1005072!	0.719542	0.381704	0.708107	0.945895	1.05405	0.851938
LOC440981	0	0	0.142427	0.176665	0	0.117244
TBC1D10A	22.7791	29.2799	23.8279	33.2504	33.2219	32.6483
C9orf47	0.617923	0.265708	0.091699	0.131367	0.193049	0.281578
FSHB	0	0	0	0	0	0
GPSM2	9.25486	14.1607	15.895	18.4579	10.4657	12.5964
TRIM47	25.2268	40.9038	19.8811	22.334	29.4946	21.8119
LOC1002874!	0	0	0.158256	0.403825	0	0
FBXL13	0.183272	0.096512	0.130413	0.170947	0.137703	0.203113
FOLH1B	0.262236	0.464992	0.31904	0.246235	0.202093	0.0980485
PGCP	16.1896	15.0417	23.0987	15.2018	20.0283	14.1583
USP17L6P	0.0234814	0.0166086	0.0177756	0	0	0.00650339
DEFB119	0	0	0	0	0	0
C9orf91	11.074	7.22993	8.16381	6.6951	6.74089	6.24826
HIST1H1E	0.32352	0.286036	0.244907	1.67079	0	0.302406
SI	0	0	0	0	0	0
FBXO32	18.5336	12.68	12.6233	14.1813	15.1235	15.6074
MIR3146	0	0	0	0	0	0
DVL1	30.2435	45.5292	35.6566	51.7755	43.5859	41.5768
OR4Q3	0	0	0	0	0	0
TAF2	7.46994	6.55351	8.08241	5.69787	7.64403	6.29435
HOXA13	0.120392	0.141924	0.0911372	0.075364	0.0255594	0.0500154
EHMT1	14.0112	15.2855	14.9563	14.2599	16.3916	14.5363
LOC148145	0.14287	0.0757901	0.0865229	0	0.0545969	0.124643
SNORD116-1!	0	0	0	0	0	0



ZNF343	6.66953	7.01884	6.47973	6.54149	7.79062	6.47824
MIR4747	0	0	0	0	0	0
TMIE	0.728606	0.891952	0.551559	0.894658	0.785321	0.349259
DCTD	41.741	45.106	32.6165	34.5838	30.9599	25.7622
PHF15	8.58036	6.9203	7.35622	8.90272	8.07034	6.63533
ORM1	0.0738861	0.130651	0	0.277512	0.211763	0.207192
FAM182A	0.866918	1.41636	0.770461	0.743237	0.960252	0.739923
MOSC2	15.8152	13.1837	10.3644	9.80109	8.41793	6.88464
SVIL	23.0745	24.3992	24.056	18.1208	26.3689	22.4519
CHD7	3.25553	2.97883	3.84111	2.53089	3.43337	3.66786
LMBR1L	17.8165	26.5005	18.4055	22.9385	29.3065	24.1033
AMZ2	40.3858	42.2961	41.3784	44.721	45.9473	46.3489
SLC22A31	17.8337	26.5931	13.9107	17.4301	14.9302	23.9388
OR2A42	0.65022	0.0567787	0.649992	0.271354	0.49082	0.400187
GRM1	0.0555921	0.0655359	0.106527	0.0587258	0.00885137	0.0346426
SSBP4	8.10812	16.6297	8.30769	14.0282	14.027	9.33767
PI4KB	28.8572	35.6181	32.7937	34.8913	38.6422	30.8829
AKAP5	1.633	1.01456	1.44779	0.704519	1.24621	1.32932
PRAMEF7	0	0	0	0	0	0
USO1	42.8926	31.9009	41.7854	30.583	35.1238	34.4919
ADORA2A	3.2057	3.08978	2.07084	2.66323	3.14924	2.17945
LOXL4	2.06407	2.06192	3.59174	1.76193	5.05359	3.4077
RNPC3	14.6225	10.0058	17.5736	11.8505	22.978	13.2126
MIR4540	0	0	0	0	0	0
KCTD6	11.396	9.23256	8.6435	8.31716	10.6371	11.7091
MIR146A	0	0	0	0	0	0
COX16	28.1002	27.1944	25.0589	24.7434	24.6011	23.5839
MIR4319	0	0	0	0	0	0
OC90	0.353228	0.208201	0.22283	0.0552793	0	0.0733723
CDCA4	9.35807	11.627	9.64305	13.5095	10.4762	11.2262
RAB11A	54.4733	37.813	52.9274	43.8285	47.5681	45.1549
CERS1	0.636566	0.918962	0.891299	0.898636	1.41115	1.26357
MIR3144	0	0	0	0	0	0
LOC10013160	21.3048	18.1077	11.5475	22.3602	16.098	13.2009
ANP32A	25.8918	26.188	24.7173	28.0434	22.6746	25.6571
FAM120C	3.90981	3.66617	3.37944	3.50958	4.29121	3.51341
CD40	17.3174	19.5024	14.3554	13.9667	19.8781	11.7762
HEPH	4.54442	3.45504	4.93587	5.66403	4.59954	6.3285
DENND2A	2.13118	3.31628	2.94698	1.25405	2.53373	1.9124
HOXB2	5.0474	7.75082	6.78715	6.42318	6.93703	4.51106
FLJ41649	0	0	0.0480526	0.0298021	0.0202145	0.0395563
GPD1	206.43	238.406	254.055	149.997	115.45	98.4228
FBXO48	0.810607	0.879571	1.14359	0.761147	1.33763	1.01027

C15orf59	6.4544	7.58469	7.48365	6.1373	8.06558	12.4227
FONG	2.25233	2.87642	1.70503	2.58488	1.51422	1.24761
MIR892A	0	0	0	0	0	0
LYG2	0.563134	0.622359	0.426295	15.3344	0.806992	16.9319
PDPR	6.17607	4.66395	8.6776	6.41143	9.09025	7.37229
ZCCHC11	7.95672	8.09275	11.2295	9.31765	11.5221	10.1021
C9orf173	0.481388	1.4286	0.910778	1.80225	1.01367	0.954508
ATOH1	0	0	0.082138	0	0.0691067	0
MIR4725	0	0	0	0	0	0
SPATA19	0	0.125236	0	0.133005	0	0
POLR2D	8.65744	9.27801	7.87771	7.59546	8.74438	7.52023
COX6B1	321.468	366.794	265.679	360.701	271.584	298.497
MTHFSD	8.06195	9.18873	8.74106	9.92824	10.7521	10.2396
GAL3ST1	0.409747	0.362273	0.753296	0.604601	0.857474	0.838964
SLITRK6	2.72198	1.56326	2.83546	1.74762	2.51897	2.33412
TMEM161A	16.8695	24.8236	15.7173	22.1541	20.061	20.2161
ART5	0.815582	0.551273	0.339594	0.920066	0.285717	0.296471
HPN	7.89404	1.91138	0.972155	2.31258	1.15381	1.36917
MAP1S	5.69685	8.12819	6.91379	7.30216	8.73494	8.00168
PIGS	22.7359	24.5517	24.3585	25.5206	26.1757	22.6689
SH3D21	32.4366	28.8582	48.615	42.9795	46.8639	45.0626
LOC10050638	2.72091	2.68832	1.40661	2.20886	2.27205	2.11279
FAM132B	0.09148	0.0404404	0.103876	0.0429491	0.203925	0
OR2A14	0.128439	0	0	0	0	0.0800375
LINC00471	0.25934	0.611445	0.392644	0.162344	0.385408	0.16161
KRTAP10-12	2.10463	0.247809	0	36.736	0.714058	87.2869
KCNQ1	1.48621	1.75986	1.8533	1.0537	2.8379	1.52717
LOC389458	0.761413	0.224512	0.384067	0.953931	1.29178	0.789582
ELP2	27.8792	28.2196	28.8579	27.8428	26.3016	24.6395
OR8J1	0	0	0	0	0	0
SLC26A7	2.19357	1.306	2.35581	3.51425	1.91378	2.24941
LOC10012831	0.103367	0	0.234748	0.14559	0.164587	0
BOLL	0.0360384	0.0318629	0.109127	0	0	0
IGF2BP2	3.89803	4.36354	2.66598	3.82767	3.14367	4.14685
ZNF233	0.581937	0.610151	0.522417	0.681891	0.738754	0.925713
TTC24	0.154617	0.0455676	0.0780307	0.0483944	0.0328255	0.0642339
MICALCL	3.16352	1.55708	4.3452	2.48051	4.29975	5.40602
CDC42	135.9	117.895	121.019	116.354	109.734	103.833
LOC10050760	8.14041	13.1488	11.0211	14.5525	17.3487	9.65775
LOC284998	0.0830419	0.146841	0	0.15595	0.0793348	0.0517482
FAM150A	0.192958	0	0	0	0	0.120243
LOC10065271	0	0.581923	0	0	0	0.205076
MIR106B	0	0	0	0	0	0

KIN	5.34645	6.60814	5.82322	5.02023	6.01119	5.47347
LOC115110	1.29549	2.74076	1.68119	0.825444	2.9468	1.61459
LOC283856	0.037459	0.0331189	0.0567133	0	0.0477157	0.0233429
C10orf11	2.70824	1.43667	2.6652	1.7801	2.41485	1.94081
TSC22D4	27.5756	32.1814	29.5727	35.9626	36.5987	40.9179
LOC10012837	0.100578	0	0.0507586	0	0	0.0417839
C4orf34	19.873	12.2993	12.7631	8.84864	10.6157	10.3466
DCD	12563.2	3502.65	2109.67	2998.12	1788.06	1760.3
FZD10	3.39939	4.49499	4.85067	9.18046	4.75171	3.63683
MIR548V	0	0	0	0	0	0
TMEM146	0.0401481	0	0.0303923	0.0376984	0.0255705	0
HRG	0.159334	0.140873	0.120616	0.0498706	0.135307	0.165483
DOCK5	2.0994	1.64498	2.39816	2.07754	2.94647	2.16999
SULF2	15.9282	13.9844	16.573	18.5917	23.1789	30.747
ZBTB7A	17.7726	16.5241	19.2718	18.8613	18.7174	18.4902
DGKE	2.79764	2.23587	2.47851	2.21397	2.69998	2.42093
LHX4	1.20168	0.871204	1.42576	1.23493	1.50637	0.892847
MIR1184-2	0	0	0	0	0	0
JPH1	1.39801	1.05946	1.00791	0.791793	0.7632	1.0786
STK32A	3.95497	1.26728	1.51353	3.77512	2.57052	2.68431
APP	185.398	115.998	153.946	156.951	141.458	157.185
SGK2	49.9177	38.5573	39.9109	30.931	26.6625	29.4325
ARMC10	23.9159	25.9902	21.6009	22.1061	20.3113	20.9822
CST7	9.54431	9.57881	2.92909	1.45329	12.5684	5.14388
LOC283738	0.113065	0	0	0	0	0
LOC10050616	2.24688	1.22977	0.728956	0.904192	0.954032	1.53351
TBC1D16	7.15325	6.19046	8.46677	5.94834	5.79147	5.87422
C3orf21	6.66376	6.34739	9.83818	8.84991	9.73115	10.37
PPP1R12A	18.6977	14.1107	15.8861	11.35	17.6687	14.3686
OR5R1	0	0	0	0	0	0
MIR20B	0	0	0	0	0	0
TAX1BP3	98.087	131.705	99.5327	125.331	116.38	102.15
LOC389043	0	0	0	0	0	0
NOL8	10.5056	9.99664	10.9289	9.1513	12.3414	10.2878
LOC729970	5.38057	3.98274	3.5995	1.87991	1.833	2.65116
POLA1	3.17871	2.60744	3.22177	3.36614	2.90183	3.05929
MUC21	0.214511	0.189657	0.568351	0.755333	0.307402	0.484568
C5orf64	0.167447	0	0.0507033	0	0.0639888	0.0208692
CUL4A	37.2202	34.8836	34.3848	30.236	33.1822	27.2734
CETN3	18.3965	13.2884	15.9287	6.4354	13.8611	16.2592
MED12L	0.196615	0.105837	0.176678	0.112935	0.0801739	0.132054
C8orf80	0.15202	0.0888637	0.171193	0.0707823	0.240055	0.109608
KCNB2	0	0	0.103721	0	0	0.0512293

MAML3	2.55941	2.74862	3.81411	3.09528	3.87469	3.79941
HOOK3	5.84469	3.88853	5.68158	4.76323	5.18921	4.70126
DCAF8L1	0	0	0	0	0	0
SHOX2	3.37268	3.7695	5.0214	2.86994	4.37676	3.4675
CALHM2	12.5166	13.8388	12.2509	9.99773	17.3845	14.7516
CHAF1A	6.16478	7.64114	5.9172	5.51166	7.36432	6.70907
SERP2	1.94453	5.5875	2.45337	2.89098	1.75452	1.81762
GABRA6	0	0	0	0	0	0
LOC389834	0	0	0	0	0	0
LOC10050621	0	0	0	0	0	0
BMS1P4	2.53793	1.63633	3.45537	2.33317	2.49183	2.37215
FUBP1	23.9559	17.3904	23.3597	15.9374	23.1029	18.935
POLR3F	7.08935	8.32923	8.03201	8.04176	8.96989	7.91643
ERP44	11.3972	9.74314	10.9726	7.86787	9.81349	9.09435
KRT9	9.38144	8.0193	3.60139	2.46319	1.84067	2.38278
EGFLAM-AS2	0	0	0	0	0	0
IFT80	10.9865	10.0763	11.5773	9.58062	13.4021	11.974
GOLGA6C	0.129068	0.182563	0.728206	0.914411	1.27081	0.777595
LOC10050631	1.47387	1.15781	1.36308	2.38242	0.93831	1.22407
PDC	0	0	0.381927	0	0	0.0589478
NIPSNAP3A	29.1448	26.4582	28.8097	21.991	25.192	22.378
TPD52L3	0	0.286656	0	0.342494	0.0887496	0
LOC10063091	5.30012	6.6802	4.51658	4.66829	11.2412	5.89283
MYO19	25.5601	32.6723	25.0069	30.7425	29.7062	27.74
ABHD11	25.4557	27.3213	20.2583	25.9147	23.115	19.4764
OR7G1	0	0	0	0	0	0
GATA1	0.729209	0.64472	0.441612	0.616244	0.650212	0.7725
ZNF746	6.1273	6.78106	5.65014	6.28341	6.9706	6.30543
LINC00159	0	0	0	0	0	0
CYB5R1	95.5219	119.257	88.318	101.906	108.95	96.8559
FAM18A	1.06324	0.940046	0.715444	0.831968	1.12863	0.680968
HYDIN2	0	0	0	0	0	0
MIR517A	0	0	0	0	0	0
RNASEK-C17C	0.428837	0.561338	1.47475	0.79721	1.47855	1.73891
LHPP	16.5048	17.6441	15.606	18.3261	14.8286	13.1007
DNAAF2	4.24391	4.35302	3.88226	3.05838	3.79154	3.17964
NAP1L6	0.252202	0.0445962	0	0.0947254	0	0.0314323
ZZZ3	11.702	8.7178	9.57261	7.80338	9.25555	8.31395
MDM1	5.49023	5.12825	6.59421	4.80183	6.10319	5.33107
TNFSF8	0.313791	0.138717	0.277132	0.0491075	0.466329	0.0977706
SLC22A12	0.12339	0.0299348	0.0256305	0.0289652	0.11501	0
HNRNPC	84.0814	71.5478	68.4645	67.1077	68.5035	70.3151
RANBP17	0.508954	0.468734	0.401334	0.497812	0.432207	0.370018

ZNF780A	6.55828	6.30191	4.68467	3.40541	8.05719	7.00734
HOXC5	1.64969	1.66216	1.04071	0.694778	1.89212	1.07461
RN7SL2	250.437	140.363	182.627	151.35	164.359	135.972
MTIF2	16.5215	15.0664	15.4227	15.7034	15.8388	14.7493
PLEKHM3	2.7513	1.97324	2.90566	2.07758	2.72039	2.59572
FLJ16126	0.206225	0.364662	0.93668	0	0.262692	0.257021
OIT3	0	0.03801	0	0.0807359	0.164288	0.133951
DISP2	0.306481	0.372586	0.029001	0.125904	0.1098	0.167113
KIR2DL5A	0	0	0	0	0	0
IRX5	12.7731	14.5576	14.4662	14.5237	15.4443	13.8361
HADHA	93.9311	94.0613	90.1225	95.3221	80.4403	82.6361
OR5AN1	0	0	0	0	0	0
STOML3	0.0542977	0.0480066	0.164416	0	0.0345825	0.033836
LOC10050581	357.545	446.758	918.782	464.919	395.185	354.643
HIPK1	17.9233	12.048	18.4135	13.693	17.2781	13.6998
PGRMC2	45.1298	42.1294	47.3706	38.1652	39.4356	40.1457
SYNGR1	33.5774	43.3585	43.381	51.2665	50.5657	49.3717
PACRGL	5.68275	4.96113	5.31253	5.31551	6.57171	5.60065
CSTF3	32.5827	38.16	27.847	30.1809	35.6762	29.6968
TELO2	14.6119	28.5993	18.2939	25.1307	23.7892	20.4827
SLC22A23	11.5741	11.9517	12.2644	13.6548	13.7812	17.7575
C8orf75	0.0779076	0	0	0	0	0.0485487
MIR378H	0	0	0	0	0	0
ANKRD55	0.323011	0.0356983	0.183391	0.151651	0.308592	0.0754826
OR2D3	0	0	0	0	0	0
MAP2K7	14.6128	20.3615	18.4514	21.0758	23.919	22.7106
LOC10050804	0	0	0	0	0	0
DCBLD2	7.34657	6.81459	8.31833	7.29629	6.33874	5.97693
CFHR5	0	0	0	0	0	0
RBM22	22.4261	22.9665	21.27	22.3586	23.5206	20.1531
PLK2	34.8092	29.3483	34.2559	39.6604	39.8149	35.9141
KIAA1462	4.06271	3.82547	3.86743	2.92787	2.96276	3.67098
HYI	20.9804	43.4616	29.5481	42.4153	39.7919	31.4914
C13orf26	0	0	0.0891622	0	0	0
LINC00326	0	0	0	0	0.0588043	0
LOC10018958	0.191526	0.253976	0.217393	0.179725	0.426594	0.119308
C2CD2	28.4941	25.9321	25.5422	23.4168	19.4526	24.5154
MIR4783	0	0	0	0	0	0
NACA2	174.38	246.318	189.353	241.892	219.658	207.808
RBBP7	64.0235	61.8823	53.3297	53.5899	59.3202	55.484
MIR382	0	0	0	0	0	0
C22orf26	0.455286	0.352218	0.516981	0.267192	0.507455	0.177322
GK3P	4.39104	2.38599	2.52766	1.41732	1.57313	2.70781

LYZL4	0	0.124093	0	0	0	0
MIR4785	0	0	0	0	0	0
GRINL1A	11.5079	11.8252	9.96756	9.81669	12.3633	9.07276
LOC10050740	0.702354	0.27599	0.886143	0.439666	0.994074	0.923985
MIR16-1	0	0	0	0	0	0
RSF1	4.87706	2.96864	4.77115	3.24086	3.77526	3.07425
PTX3	1.33857	0.994119	0.729577	0.452481	1.46637	1.16779
NNMT	19.0859	21.3624	20.9548	10.8674	24.1392	11.7248
LINC00114	0	0	0	0.202227	0	0
GLIPR1L2	0.487453	0.538719	0.41513	1.37313	0.620923	0.3797
RGAG1	0.0531207	0.0626213	0.0670212	0.0166265	0.0676658	0.0441368
PRICKLE3	7.5363	9.74194	8.77393	9.71184	9.96395	10.1051
RBM17	24.0422	30.9167	27.1657	27.1662	30.8574	24.9802
LOC647286	0	0	0	0	0	0
LHFPL3	0.0934166	0.110124	0.0471446	0.233911	0.178493	0.0776177
AMOTL1	15.7257	12.4269	16.8109	12.3988	15.5823	15.9333
DEFB4A	13.5191	5.33604	0	1.58678	1.95328	1.46259
AQP11	1.28531	1.30474	0.900914	1.60918	1.27341	1.15693
CDCA2	1.10562	0.744777	0.956527	0.444926	0.754474	0.803805
LTB4R	42.6838	81.4406	67.4466	77.4589	81.0024	54.641
RBM10	21.1054	27.4146	20.4267	26.2548	27.4524	28.7062
PTPRZ1	8.41042	9.29158	14.0452	8.49249	11.3448	10.9471
GIGYF1	24.3131	35.0129	31.5206	34.5065	40.9669	31.4899
KIR3DL1	0	0.0120944	0	0	0.00871244	0.0340975
LOC10050670	0.245771	0	0	0.46155	0.313065	0.459462
FAM157C	0.0242976	0.0859295	0.25904	0	0.193441	0.164871
GAS2L3	1.08898	0.885785	0.956265	1.22705	2.16397	1.08577
LOC10028770	5.54E-07	0.269789	1.60469	2.1179	1.13256	0.391006
CPLX4	0	0	0	0	0.0335564	0
LOC10013069	0.998317	1.30763	1.94531	1.14572	1.28344	2.20042
ANP32A-IT1	0.0300929	0.0532125	0.0911221	0.0847704	0.172497	0.0750106
C10orf99	6.46814	6.51668	3.98546	2.11866	4.88603	2.8121
MIR4686	0	0	0	0	0	0
CHRD	3.79557	5.10774	5.36626	3.69501	7.60777	4.05221
OR51D1	0	0	0	0	0	0
KLC2	10.8094	13.2596	11.2957	15.9082	11.0364	13.3815
ZMAT3	4.95003	4.50659	4.47118	4.41115	4.05566	3.83124
PKNOX1	4.92261	4.21519	4.46	4.73144	4.6288	4.23904
SNORD115-2	0	0	0	0	0	0
MYLIP	29.4521	21.7283	22.5643	19.8922	19.0462	16.7031
INTS6	8.66155	6.0888	6.39222	4.87966	5.91126	6.00919
SLC25A35	10.7737	10.3418	9.63398	11.3152	11.2568	9.93905
STEAP1B	1.3688	0.688348	0.652681	1.12629	0.87171	1.16827

N4BP3	5.89886	5.90796	6.65584	5.92921	6.24133	6.93344
USP7	29.1708	26.4817	29.9451	27.8577	30.4864	26.8005
TRUB1	7.50361	5.07773	5.94244	4.14616	5.58786	5.34135
LINC00475	0	0.502647	0.156498	0.389972	0.296257	0.161034
GBA	19.8926	18.9791	22.8137	23.7712	22.9046	27.7003
MARCKSL1	69.5835	50.798	36.3059	47.7668	44.3181	60.2051
KAAG1	0	0	0.0385121	0	0	0
LOC10028948	1.72961	1.74767	2.61865	3.24815	2.51794	1.23179
LOC149086	0	0	0	0	0	0
CLEC12A	1.90445	1.5496	0.810735	0.285617	1.92113	0.903168
RSC1A1	6.58431	3.5822	6.00172	4.72174	5.48839	5.85827
GABARAPL3	1.54306	0.877037	1.3767	1.29367	0.73709	0.75593
C19orf59	0	0	0	0.079242	0.0537492	0
CHPF	16.3456	16.1681	17.5628	19.4073	15.9041	23.4114
PYHIN1	2.06084	0.687194	0.34683	0.227158	0.857503	0.431774
TRIM33	11.5134	9.77899	13.0921	12.7103	11.3197	8.98097
ZNF828	8.38822	7.92453	7.91745	5.93117	9.01958	6.51799
RNASE12	0.174286	0	0	0	0	0
CCBL1	6.2265	5.53481	6.34918	7.65314	8.04074	7.59819
UBQLNL	0.609543	0.654402	0.296632	0.613233	0.443681	0.596893
KIAA1430	11.5733	7.5737	10.3785	6.85465	7.9381	6.53393
C8orf44	2.64918	2.5935	2.78794	2.69385	3.55128	2.99601
ARFGEF2	16.3467	9.79292	14.735	11.5736	12.5377	10.095
FANCF	5.12915	5.19401	5.75647	4.9842	5.9068	5.8908
C10orf120	0	0	0	0	0	0
DYNLL2	59.0036	46.9879	45.1469	41.8176	45.4163	40.6829
PJA2	30.2543	21.4027	29.1311	19.6029	24.4463	21.1759
MIR363	0	0	0	0	0	0
FAM173A	9.46499	17.2439	12.9188	21.8102	16.8062	17.6945
CPEB3	4.65197	2.23352	3.53419	2.40516	2.75431	2.6357
MIR339	0	0	0	0	0	0
MIR3667	0	0	0	0	0	0
TMEM209	7.09313	5.60987	6.29242	4.83915	6.0353	5.49064
KIAA1210	0.0363806	0.0107218	0.0183602	0	0.00772367	0.0151139
CLEC3B	115.662	132.978	190.127	136.062	117.368	105.753
KRTAP11-1	10.8491	2.10558	1.10172	89.8205	2.19092	1294.42
TMEM87B	12.8702	8.96282	11.4482	8.72126	9.97295	11.0694
LDHA	296.371	253.029	264.254	257.896	249.316	213.654
RINT1	11.087	10.779	11.0723	10.6999	12.77	10.2245
YTHDF2	36.1467	35.3877	34.191	35.2447	35.515	33.2963
APBA2	1.00841	1.2044	1.25791	1.45805	1.35314	1.23909
SIGLEC6	2.27707	0.885202	1.89337	0.718468	2.85784	2.02034
CCDC160	2.38256	0.451395	0.579733	0.319598	0.867124	0.424203

MED27	7.81198	10.0461	7.46673	9.78032	8.14151	8.55589
GGT2	2.57359	3.24137	6.722	9.40121	6.50672	8.32955
LOC645166	10.3563	13.1128	11.5526	9.18942	7.20512	7.64122
XKR9	0.296436	0.30325	0.0236042	0	0.0198593	0.0388613
C9orf153	0	0	0	0.890941	0	0.295637
PGGT1B	7.97007	5.19567	7.47918	5.7594	5.661	5.30992
LOC728989	1.1783	0.662951	0.732337	1.00862	1.09159	0.735937
MIR1827	0	0	0	0	0	0
HTR1F	0	0.055062	0.0707169	0.0584778	0.0198325	0.0388088
NOP58	32.333	24.9357	28.0546	19.9486	29.5801	24.671
LOC728648	1.42706	1.34706	1.39249	1.26937	1.76272	1.43962
PAWR	15.9957	15.129	15.9038	14.9199	17.0247	16.9552
C6orf27	0.854604	1.51117	1.19037	1.31603	1.41518	1.70417
DEFB109P1	0	0	0	0	0	0
C6orf168	0.628375	0.384625	0.380547	0.526492	0.289387	0.343383
HMP19	0	0	0.0988306	0.0408629	0	0.0542374
MIR3186	0	0	0	0	0	0
DEPTOR	8.01939	4.32167	4.91439	5.91649	4.52387	5.06873
CHST3	9.13442	6.72403	5.75717	6.43601	6.1917	6.57706
MIR518E	0	0	0	0	0	0
PPWD1	21.1165	21.962	21.3261	19.276	34.5124	27.6307
ZNF263	12.9189	16.2565	13.3277	13.8515	15.3847	17.8297
ZNF879	2.58748	2.62913	2.5142	1.81313	1.89395	2.28625
PCDHA13	0.0672607	0.0755503	0.164154	7.50E-26	0.0612905	0.0616313
S1PR4	1.13639	1.59573	0.556632	0.75321	2.17131	1.74954
KDM6B	9.51305	11.3905	12.2069	11.8834	14.8258	12.9639
PGBD4	0.921269	1.2024	1.52765	1.1946	1.06176	1.64027
SPATA3	0	0.124472	0	0	0	0
PGS1	12.4077	15.9935	15.6518	14.2961	12.9354	13.9468
FKSG29	0	0	0	0	0	0
LOC10028776	0.727573	0.68616	0.47734	0.774271	0.71054	0.725429
SETD4	14.089	19.1547	13.0496	16.7457	19.2534	15.4073
ANGPT1	2.64091	2.33578	3.79486	2.01895	1.59763	1.074
SMG6	11.0505	11.7978	11.8816	11.5856	13.1774	11.6059
GALNTL5	0	0.241467	0.510484	0.227952	0.0386543	0.03782
FREM3	0	0	0	0	0	0
AMY2A	3.24535	4.29825	5.15024	4.50583	6.33444	4.28406
RAB4B	22.8948	39.5377	25.9658	31.1049	31.271	29.3212
ACVRL1	10.9592	10.5747	10.75	7.13252	10.2922	8.15829
HOTAIRM1	16.6523	22.1191	20.0856	21.0818	20.9046	15.9221
SHQ1	5.08093	6.19619	6.10101	6.18573	5.6687	5.37165
TRAF7	30.4888	36.062	33.6728	37.2271	38.6099	33.4868
HSPA1L	1.29809	1.05389	0.902347	1.19388	0.961639	1.3618



GPRC6A	0	0	0	0	0	0
ASF1B	2.79916	5.9719	2.99421	5.14245	4.57327	4.96751
ZNF35	3.60099	2.71458	2.69728	2.91858	2.96947	3.1652
KIF19	0.322986	0.428346	0.448254	0.278006	0.857132	0.31868
PAAF1	13.9381	17.5025	13.6096	15.6167	12.4368	10.364
MIR499	0	96.4663	0	0	0	67.9914
HSD17B3	1.3047	1.5972	1.06364	0.753902	1.27841	1.25082
CNIH	59.5611	52.7277	50.4061	37.2846	37.108	43.0164
OR4D10	0	0	0	0	0	0
GTPBP6	31.6794	19.4982	24.7292	31.6895	27.1661	21.5616
LOC284440	2.65186	3.25219	3.30261	3.25313	3.67762	3.19844
PSMB11	0	0	0	0.154779	0	0.0342396
ER13	24.6324	34.2512	25.9137	35.4878	28.0702	27.2761
LY6D	466.682	658.567	398.467	561.956	456.804	372.192
LOC10013128	0	0	4.80614	0	2.03413	0
EPB42	0.25788	0.333534	0.43989	0.0387425	0.266078	0.185127
LYPLA2	32.8664	42.6035	26.3669	38.2381	35.0269	34.3525
CRYAB	222.337	256.165	371.221	352.437	286.299	274.929
NCK1	25.341	21.924	23.0969	19.953	31.4328	26.6133
LOC10013047	0.349232	0	0.132185	0	0.222428	0.108813
ZNF142	4.46162	5.44538	5.06621	4.78137	5.68326	5.75198
PTK2B	14.3667	17.5173	19.2148	19.1696	22.8991	23.8527
KLHDC7A	0.114031	0.0336064	0.359676	0.107073	0.351031	0.532945
ABCD3	38.4839	28.2154	35.1998	27.5506	34.4761	33.8621
ATG13	17.5864	16.772	17.4494	18.8789	16.9756	16.1514
CHMP7	13.8037	13.481	12.7886	13.1513	13.6657	13.5327
TLR5	4.03048	2.91925	3.08557	2.77962	3.91582	3.91643
LOC10012835	0	0	0	0	0	0
LOC10013223	0.0570515	0.0504414	0.0863766	0.107141	0.0726729	0.17776
GNA13	9.32407	7.66829	8.99484	7.12067	9.29345	8.80987
LRRC41	28.4235	32.5614	30.6913	32.6797	33.3465	32.2695
LOC285326	0	0	0	0	0	0
HGC6.3	0	0.101797	0.0871597	0	0.513322	0.0717488
MIR1301	0	0	0	0	0	0
ATAD1	18.7866	12.3272	14.618	11.8012	13.3619	12.5636
STK33	0.148093	0.491003	0.280267	0.625755	0.282963	0.207641
ZBTB1	21.0925	17.8396	21.3531	15.8564	21.6679	21.8313
MIR1253	0	0	0	0	0	0
ZAN	0.0109161	0.043431	0.00853907	0	0.00718434	0.0281175
HYAL4	0.757604	0.558188	0.76468	0.434731	0.375295	0.157369
ZNF865	5.27757	8.52295	6.98783	9.36253	8.0622	7.43915
ZNF846	5.77204	3.95504	5.9352	4.69721	6.12708	5.24547
LOC10012834	0.105133	0.139428	0.0795864	0.197437	0.13392	0.262058

MIR504	0	0	0	0	0	0
XAGE1D	0.068236	0.0603299	0	0	0	0.0425217
SNORA37	0	0	0	0	0	0
ADAM30	0	0	0	0	0	0
EPSTI1	15.0242	10.9126	3.33714	1.27674	4.8169	2.04606
RGS1	4.89166	6.31572	1.82212	0.801985	6.52776	1.35479
HUS1B	0.113719	0	0.0860856	0	0	0.0708646
CLDN6	0.0798629	0	0	0.07499	0	0.0497672
GLIPR1L1	0.493822	0.109152	0.747652	0.115923	0.393147	0.230797
MAG	0.423824	0.197378	0.0316826	0	0.106634	0.139116
SASH1	12.7932	8.01234	14.6246	10.868	12.1319	10.4275
ALG5	28.0681	22.9385	22.2262	20.547	21.4049	17.8936
IVL	98.5992	58.4567	64.7463	78.822	98.7269	145.253
PIGR	2.11354	0.904188	0.344077	1.28037	1.3606	2.08586
DDX12P	4.28793	7.13303	5.73234	7.00873	7.37409	6.01328
GEMIN4	9.78666	13.9971	13.0937	15.2585	16.1496	13.7464
ATXN7L2	4.92502	5.78083	3.66398	5.42184	5.6516	5.21211
CDHR5	0	0.0250492	0.259312	0.0321817	0.0873146	0.0176552
EPHB4	23.1564	27.3768	24.8588	29.1589	30.1362	26.9556
SYTL2	10.1221	8.51295	10.2075	9.60011	8.7369	11.8169
SDC2	28.1594	25.9196	29.5403	23.2089	20.0554	22.6292
PAMR1	7.79541	11.1633	11.9407	15.0517	12.3538	10.7536
CXorf23	4.52617	4.48248	4.28292	3.07711	5.50342	4.22162
FAM124A	1.06838	1.26519	0.717282	0.530517	0.398297	0.515158
FAM181B	1.12093	1.09016	1.56982	1.68406	1.57064	1.53674
PHF3	9.52606	7.31956	10.6561	7.77363	9.86466	8.40469
SNORD101	0	0	0	0	0	0
LOC10050713	0	0	0.781673	0	0.32883	0
SLC47A1	5.2697	7.90722	7.52248	7.37983	9.24421	7.22448
TSSK1B	0	0	0.0925868	0.0382813	0.0778978	0.101622
PKD1L2	0.5946	1.65001	2.3228	1.65525	0.79086	0.271905
SMTNL2	0.42837	0.991762	0.253472	1.55896	0.514446	1.5031
OR2D2	0	0	0	0	0	0
RARG	62.3691	65.1571	76.937	80.5712	98.2936	96.6126
C20orf61	0	0	0	0	0	0
IFNA4	0	0	0	0	0	0
LOC10050607	0.479164	2.27E-24	0.695805	0.198435	0.294281	0.111434
MCCC1	42.4716	29.0772	29.201	23.4128	32.2933	34.285
NIM1	0.659617	0.855348	0.366178	0.412913	0.280076	0.493254
PLG	0.138829	0.147293	0.214793	0.182502	0.271851	0.173506
CRISP3	9.8981	1.99529	3.06721	2.98336	0.880672	1.23428
SLC25A21	0.450371	0.289274	0.788939	0.491914	0.229062	0.635895
RRAD	3.98002	4.62597	4.96457	6.57306	5.11535	4.81606

C8orf59	40.3842	54.3835	43.2529	40.2704	41.6582	35.0232
POU3F2	0	0.0421371	0.0541172	0.0447511	0.0758857	0.0593982
SLC39A12	0	0	0.028139	0	0.0236747	0
SMARCA5-AS	9.38E-11	5.81E-09	3.12E-09	7.39E-09	5.08E-09	9.06E-10
KRTAP5-10	1.85987	1.06401	0.165639	24.5522	0.836163	139.011
MAPK9	10.0159	9.98275	9.37806	8.9799	8.79251	6.4499
MIR4804	0	0	0	0	0	0
SNORD2	0	0	0	0	0	0
HSP90AB3P	95.9129	70.5606	83.1032	73.2738	72.66	73.895
LOC728755	0	0	0	0	0	0
LOC10065297	0	0	0	0	0	0
AMH	0.307005	0.542869	0.271139	1.057	0.847311	0.70148
CCL8	0.802064	0.866719	0.269852	0	0.737878	0.111069
FAM150B	4.44448	3.24014	3.71866	2.56255	1.6885	1.45769
MIR4303	0	0	0	0	0	0
WBSCR28	0	0	0	0	0	0
NT5C2	21.1118	16.243	15.7627	17.815	21.8981	19.8726
LOC10027170	0.172688	0	0.0653631	0.121614	0.109986	0.0807091
SPATA9	0.363852	0.321695	0.482016	0.256238	0.695218	0.623527
CSPP1	3.15556	3.58708	3.53663	3.59796	3.98044	2.75808
C3P1	0	0	0	0	0	0
MIR4466	0	0	0	0	0	0
OR4C12	0	0	0	0	0	0
C14orf23	0.0108112	0.0139395	0.205346	0.00493476	0.0313801	0.00654992
ZNF496	3.37687	4.97603	4.41832	3.13168	4.93876	4.36452
TNFRSF19	23.3584	36.4297	45.8907	39.8551	46.3347	35.237
C14orf80	6.89428	16.7115	8.93797	12.074	10.0223	9.42381
METTL19	12.7646	12.2158	10.6716	11.7882	10.7877	13.1771
NDUFAF1	14.7056	11.0318	13.2687	12.832	10.1702	10.2747
CHML	2.65291	2.19075	1.98788	1.70706	2.05846	2.20704
FAM72A	1.60106	1.35787	1.23299	0.874295	1.59472	1.79254
SNORD46	0	0	0	0	0	0
LINC00346	0.302184	0.374041	0.228755	0.21281	0.202086	0.188308
LOC440563	0.0490081	0.0433298	0	0	0.140461	0.0305397
LOC402269	0	0	0	0	0	0
IFNAR1	11.9577	11.6267	11.2497	9.07674	10.6443	9.2606
DEK	49.6293	40.9246	39.361	32.3563	44.7913	37.1386
MED10	34.8258	44.0298	35.2942	35.6833	37.7145	33.4366
SYNGR3	0.904466	1.19951	0.7988	0.66055	1.08811	0.782812
YOD1	8.22059	4.22064	10.3332	7.16048	10.2383	10.3975
LEF1	3.46021	4.0127	2.47108	5.5189	4.80497	8.89531
C14orf43	11.458	11.9729	16.1995	12.4589	15.4031	12.1708
FLJ45340	11.794	13.4026	14.0961	11.5612	31.7073	23.6207

AKAP2	20.4762	16.1572	19.0178	14.3232	12.6984	10.2742
IMPG2	0.18144	0.100261	0.171689	0.0745367	0.108338	0.148399
SNTN	0	0	0	0	0	0.0419291
PGM5	11.4925	12.9559	9.37085	9.07135	11.591	9.22363
SLC35F3	0.792992	0.487731	0.495899	0.938852	0.900326	1.11723
INHBB	14.2349	9.28224	14.7029	19.4262	14.7893	13.2001
UFC1	92.2992	97.0691	90.604	103.568	89.2691	96.3615
KLHL1	0	0	0	0	0	0
CCRN4L	2.59946	2.39208	2.97178	2.09216	3.00713	2.94222
LOC10028915	0	0	0	0	0	0
HECW1	0.1393	0.110844	0.210902	0.334621	0.19921	0.234376
FRS2	6.80721	4.9622	6.07857	5.10048	5.15844	4.22465
ANXA2P3	3.7384	3.0897	4.24521	4.12079	3.51975	3.89957
MIR20A	0	0	0	0	0	0
LOC286083	0	0	0	0	0	0
LOC90834	2.80224	3.25392	4.46399	3.88785	4.34178	3.82241
COMT	75.4396	68.563	54.2562	71.0973	48.9348	54.8983
SNORD75	0	0	0	0	0	0
FSIP1	0.390641	0.0627965	0.107534	0.100038	0.180947	0.221301
ZFYVE28	3.17396	3.67669	4.1488	3.56309	5.33854	4.15847
C2orf69	7.53787	5.08546	6.64068	3.92123	5.2693	5.12282
TTY4B	0	0	0	0	0	0
MAPKAPK2	42.6124	40.521	35.6989	42.3213	40.8535	36.7961
CCDC39	1.29311	1.1657	2.38005	1.11898	2.58381	1.62742
SNORA2B	0	0	29.5829	36.6945	0	0
HMGCR	130.893	97.488	98.5735	71.1975	63.2262	73.2454
HR	51.3312	71.4105	70.7528	96.3134	108.981	112.589
EGFLAM	6.37875	8.50664	4.62565	5.71371	5.31281	4.12987
HRH4	0.0289315	0.102319	0.18494	0.112906	0.332841	0.267609
MOS	0	0	0	0	0	0
NARG2	6.55996	5.55062	6.74852	5.21343	6.03604	5.6375
KIF1C	28.4296	27.3283	36.8031	31.9709	29.1504	30.0644
MIR4488	0	0	0	0	0	0
ARR3	0.337256	0.894542	0.51061	0.237509	0.966602	1.62877
SLC25A36	23.2022	21.1745	27.7603	20.6173	29.4363	20.9767
TOM1L1	18.3457	13.272	14.688	13.7873	11.4217	13.666
TRAPPC6A	32.6429	60.017	41.3983	67.223	52.8531	45.8344
GIPC3	1.23714	3.12232	1.46438	1.07717	1.6905	1.86426
LOC285819	0.054692	0.0542343	0.162854	5.08E-206	0.0338594	0.0296829
LOC10050719	0.496479	0.109739	0.281878	0.233093	0.0790525	0.0773461
IL37	6.75896	5.89386	26.6227	26.9339	23.405	18.9536
FKSG43	3.02684	1.44086	2.99624	1.36629	2.11298	2.46634
C21orf67	2.95771	3.09413	4.00886	3.70927	3.97796	3.27356

OR52E6	0	0	0	0	0	0
C11orf91	0.402106	0.711033	0.507327	0.251714	1.10978	1.3364
MEX3C	9.56279	7.41614	9.65804	6.61866	8.35025	7.65755
KNDC1	0.717581	0.945439	1.16098	1.04372	1.04848	0.587453
LOC10012981	0.460763	0.452642	0.310045	0.432649	0.391284	0.223322
AP2S1	115.212	164.27	119.586	171.638	111.755	134.292
LINC00239	3.45398	3.05379	2.45126	1.82432	1.23742	1.07619
LOC727983	0.0167494	0	0.162807	0.0369594	0.0802305	0.00782812
LOC400620	0	0	0	0	0	0
FLJ45831	0	0.0587494	0	0.031197	0.0423213	0.0621117
HARS	50.3733	58.8073	44.2421	49.0827	46.8424	46.7954
LOC10050611	0	0	0	0	0	0
AFF1	17.2408	15.2462	19.7971	12.1799	18.727	15.0587
SNORA78	0	64.9333	55.5965	137.923	0	0
SNX7	14.5461	15.4042	12.1282	11.3906	13.5514	9.88911
CALB1	0.0398361	0.0704411	0.150781	0.0374055	0.126859	0.0992966
TTC27	6.68356	5.31204	6.88007	6.59452	6.45729	4.89017
MIR3944	0	0	0	0	0	0
CT47A10	0	0	0	0	0	0
DDIT4	129.824	143.172	87.7815	113.336	85.5141	107.643
RSPO2	0	0	0	0	0	0
SULT2B1	119.11	113.726	91.6554	92.3186	97.9519	135.849
ADAM22	0.665773	0.624841	0.969046	0.653989	0.860957	0.49782
ABHD12	40.239	44.8724	36.1225	43.2248	40.8243	41.0874
OR52J3	0	0	0	0	0	0
MAGI2-AS3	9.79477	11.3055	10.3679	8.14258	9.29259	6.16095
IQGAP2	12.6927	2.98178	4.98029	4.80474	4.19016	4.04795
MIR3143	0	0	0	0	0	0
LRRIQ3	0.174081	0.184693	0.105424	0.163459	0.199571	0.151872
PRELID1	61.2486	80.2061	54.3945	72.5738	61.5292	65.9097
RCC1	13.4228	13.7217	9.22785	12.3269	9.51707	11.569
MMP17	3.36559	5.0214	5	5.21439	4.4211	4.77135
TTBK2	1.10739	0.903769	1.58632	0.783865	1.3021	0.881176
LOC10050630	1.64727	0.910255	2.33811	2.25569	2.6666	3.80663
TCFL5	9.51004	11.4922	9.50538	8.38858	9.55106	8.64566
ANKRD27	11.8874	10.3176	11.3721	10.3035	10.7189	10.3247
PMS2	5.17835	4.98492	6.58197	5.53051	7.71246	6.38338
B3GALT2	0.193778	0.269227	0.209559	0.129968	0.229206	0.155256
BPY2C	8.53242	8.58588	0	0	0	0
LOC10028859	3.17737	2.55385	4.15459	2.44105	6.25503	3.96001
F11	0	1.89E-08	0	0.113138	0	0
KCNC3	0.685518	0.303046	0.91994	0.614431	0.416764	0.601943
ARHGAP17	17.5238	20.9039	21.4289	21.4665	22.1738	20.0456

PRINS	0.186378	0.329568	0.493813	0.131255	0.207734	0.406501
CORO1C	32.8061	32.2001	36.6307	37.7113	33.1208	33.3642
LRRC7	0.107115	0.108233	0.0695028	0.0287369	0.116952	0.0858208
NDUFA1	264.462	291.108	248.062	293.012	216.068	234.705
FABP1	0.259599	0.229521	0.196518	0.243759	0.66136	0
C11orf92	0.419095	0.231586	0.264381	0.290401	0.308652	0.244718
ADORA3	1.00879	1.01279	0.577225	0.457091	0.845774	0.527445
OR10G3	0	0	0	0	0	0
PCID2	24.8638	24.644	22.4371	23.2123	25.1579	23.1444
SPRY4	5.11533	3.40066	3.96101	3.35497	4.2652	4.0393
DEXI	29.2171	36.9152	24.7269	31.9727	29.416	28.3098
ALG14	15.2252	17.4318	15.0911	15.7362	10.3947	12.4228
RC3H2	3.65167	2.17458	3.59192	2.60213	2.93827	2.70355
ATP1B3	134.38	173.037	129.61	220.42	149.222	135.472
UTP18	17.9979	16.7912	15.5888	15.2927	17.1593	15.1375
LOC649201	0	0	0	0	0	0
MRPL30	15.1184	11.6298	12.621	12.4315	12.349	11.7897
SYT13	0.29873	0.082537	0.127204	0.0876572	0.0475657	0
OR8B4	0	0	0	0	0	0
MAGEB16	0	0	0	0	0	0
FARS2	7.65934	7.42401	7.12959	7.61819	5.45644	5.83364
TAS2R13	0	0	0	0.121828	0.0413176	0
GRHL1	74.1124	53.9749	72.1125	61.6934	75.5103	88.1782
LOC10050688	0	0	0	0.141883	0.0117843	0
TSTD1	106.236	128.171	95.0651	144.502	114.115	141.653
FAM21A	11.765	9.63863	9.30269	7.76416	10.6942	9.69443
CGGBP1	27.9694	22.3187	25.1778	16.8069	26.0012	21.7856
KRT10	4301.32	3707.7	5633.78	4780	5470.79	5079.39
LOC10050721	0	0.445263	0	0	0.160377	0
CLPP	37.6421	46.5233	37.7452	42.1	30.6899	35.7381
TNR	0.0556404	0.0819896	0.01404	0	0.0708754	0.0231152
KGFLP2	1.48701	1.37546	1.70382	1.32466	2.08289	1.9132
PTGS1	34.8925	33.4378	41.0221	31.8956	54.7264	35.3108
P2RY11	6.72482	14.5912	9.00728	13.7572	15.5355	10.8977
LOC390877	0	0	0	0	0	0
HSP90B3P	7.96175	4.8352	6.75761	4.83282	5.17332	6.26427
SNORD44	0	0	0	0	0	0
PLRG1	19.5216	17.8049	18.7702	15.2433	15.1819	15.684
CACHD1	8.51756	9.53027	10.1481	7.12442	10.722	8.05828
HIST1H2AI	0	0	0	0.170254	0.115482	0.225979
ALOXE3	11.1587	6.27093	14.418	14.8698	18.4197	15.1835
FUT9	0.278667	0.142641	0.205401	0.254778	0.121437	0.164514
PIWIL4	1.20587	1.3942	1.05329	0.870995	1.55574	0.90559

FAM153A	0.159043	0.091831	0.226153	0.123433	0.23584	0.109222
GNB4	16.2623	13.3408	17.7971	10.2358	17.2626	15.2612
SRL	1.38437	2.06035	1.04798	0.758276	1.46952	0.79079
MC3R	0	0	0	0	0	0
C17orf46	0.17257	0	0.195955	0	0.0549554	0
LOC10065286	3.61547	2.71708	5.47386	5.0923	6.793	5.85782
TXNDC11	16.1266	15.4391	13.1698	15.3568	13.0516	13.9474
ETV7	9.34354	11.3848	5.07014	5.11091	9.68904	6.55664
GPSM3	12.9027	15.7257	9.97262	8.30563	19.5083	10.8166
RPS21	1037.97	1732.21	1317.18	2253.41	1436.54	1246.13
ERBB3	43.9727	37.2194	44.2365	50.943	54.7359	57.798
ZMYM2	13.1664	12.4805	15.6031	14.3317	16.2486	12.0373
DDX49	28.6268	38.5049	31.5276	44.5755	32.9382	34.2697
TMEM180	2.43074	4.23593	3.60017	4.10176	6.14774	5.51013
PPFIA1	14.5239	14.5351	18.0489	18.5401	14.8458	18.551
TIMM17A	37.1807	36.9396	33.8042	36.1119	29.3363	28.2253
N4BP2L2	43.5478	40.954	44.9231	42.6816	48.195	40.6632
MIR124-1	0	0	0	0	0	0
INPP4A	5.58018	5.45675	5.18963	4.38615	5.84141	4.28563
SDF2L1	17.2113	24.3722	16.2069	17.8693	16.2202	15.4341
OR4D1	0	0	0	0	0	0
MED29	14.7538	13.9205	14.5443	16.2702	16.532	15.1803
XRCC3	12.4706	16.7359	16.2159	22.5298	23.1731	21.0962
LRFN4	9.93205	24.4395	14.9768	19.6259	17.9866	13.5467
COL18A1	33.1213	54.7433	44.0924	45.77	63.9995	50.4379
P2RY12	0.741837	0.466407	0.872008	0.309585	0.642906	0.285358
BCS1L	22.687	33.6703	22.0988	28.7399	34.1216	32.2678
MIR1912	0	0	0	0	0	0
AK5	1.48398	0.997465	0.921365	1.17069	1.03959	0.813884
MIR138-1	0	0	0	0	0	0
QDPR	33.5724	28.8507	28.6196	31.9254	28.1649	25.145
MTHFS	6.08419	8.12669	5.61726	6.20032	4.27802	4.55895
SNX16	7.54655	6.45601	6.67669	4.2235	8.36548	7.66325
SNORD115-3	0	0	0	0	0	0
LOC388276	0	0	0	0	0	0
HOMER2	23.9933	13.1423	25.3772	25.9389	22.4116	28.2519
RNU1-4	48.9911	54.6816	26.1981	59.5068	31.1737	27.9645
C9orf85	8.03541	7.40042	6.71648	7.9381	6.23732	9.64954
SNORD114-10	0	0	0	0	0	0
SNORD52	0	0	0	0	0	0
LOC646808	0.426252	1.50746	0.860467	0.933903	0.995435	1.41665
DGKZ	11.9144	18.2617	11.9299	19.2487	15.6841	14.8993
LOC1001308	0.54321	0.411396	0.587512	0.80072	0.518438	0.495188

SSR4P1	1.1295	1.59782	1.40227	1.73936	1.87041	1.49218
HDX	0.402293	0.299261	0.351246	0.104437	0.433048	0.279527
INGX	0.0910527	0	0	0.0854971	0	0.0567402
CXCL16	23.4807	22.0442	22.1068	22.334	26.2001	21.6013
KLHL11	1.1363	0.540961	1.12485	0.28726	0.946395	0.544686
MIR1183	0	0	0	0	0	0
SUN1	66.4186	79.2448	81.1708	76.097	92.031	69.6559
SNRNP25	19.9072	26.2137	19.2381	24.4594	16.7705	15.5726
SNORD98	0	0	0	0	0	0
SCGB1D2	1055.89	322.015	249.454	391.234	172.005	174.982
LINC00094	3.70636	4.42685	4.33082	5.20578	4.29117	4.1075
CD37	8.83249	12.7192	9.20737	6.494	18.7053	10.2876
LOC10050735	0.183756	0.446779	0.399924	0.323519	0.731468	0.715679
PRKAR2B	53.3089	49.5944	61.3334	18.6297	23.0729	13.1645
FAT2	11.5595	11.2741	14.3307	13.9942	15.5782	14.0936
VTRNA1-3	0	0	0	0	0	0
SYT14	0.0195971	0.0173266	0.0148352	0	0.0124815	0.0549571
CBL	4.39086	3.41538	5.07466	3.58004	4.46703	3.94242
CEBPD	64.7264	93.5154	53.7835	68.8027	77.2324	64.58
C3orf30	0	0	0	0	0	0
CCBE1	1.48062	1.26859	1.3635	0.487315	1.19579	0.741934
HMG20A	11.7408	8.89121	9.99171	10.1746	11.577	9.72906
DKFZP434K02	0	0	0	0	0	0
GPHN	6.36237	6.25975	5.69206	5.70251	5.33459	5.04637
MIR421	0	0	0	0	0	0
CAMK1	12.7109	17.3746	15.788	10.1315	10.3897	8.1066
TMEM33	13.8004	9.29789	11.2198	9.41271	9.33009	9.70354
MEX3B	1.3334	1.51208	1.90907	1.22482	2.99084	2.13149
LRRTM1	0.46198	0.653526	0.454638	0.390413	0.264814	0.287886
RIMKLA	0.303008	0.110312	0.1889	0.200837	0.181635	0.199929
KIAA0513	9.63275	8.42534	11.3193	9.00863	12.4759	14.0734
B3GALT6	7.22924	10.9164	9.02162	11.8288	10.827	9.99119
RBMXL2	0	0.163136	0	0	0	0
LOC10050606	1.26627	0.857802	2.02311	1.71689	2.08046	1.38273
MIR3657	0	0	0	0	0	110.045
FLJ10661	1.92004	3.48714	1.85342	2.52923	2.48167	2.2414
SLC25A18	7.09661	7.14582	4.73796	3.19298	3.98628	4.20733
BAHCC1	2.63218	3.37609	3.82378	2.61952	4.22064	2.71452
TBK1	14.5849	10.6512	11.2354	8.02394	11.0488	8.22787
OR51I2	0	0	0	0	0	0
HEPHL1	2.49339	1.5787	0.0974198	4.51635	1.21922	20.9409
APOL5	0.150848	0	0	0.0708221	0.0480381	0
PDF	13.6601	13.3411	10.391	12.7001	10.0659	12.5244



RPE	14.6273	12.0097	12.6508	9.5878	10.9372	12.3626
LRRC31	1.06046	0.396673	0	0.0382982	0.155864	0.635416
PKD2L2	0	0	0	0.0495128	0	0.03164
LOC10013431	0.96509	2.13318	1.82645	3.17172	1.53668	0.751754
YEATS4	10.0126	10.1072	9.25069	7.55095	12.2018	9.97327
SLC35B4	3.7183	2.85492	3.01583	2.59888	2.9469	2.52615
PDGFRA	10.6652	5.786	12.5114	5.6953	11.5708	8.40032
IGFBP5	166.301	103.127	176.585	85.7069	113.04	91.0702
CHD9	8.27827	5.3896	9.03671	6.05521	7.55599	6.50329
LOC10012837	0	0.287818	0	0.305673	0.414671	0
HIST1H2AM	2.37075	0.598876	0.769144	1.90808	0.862825	1.05525
LOC401324	0	0	0	0	0	0
PNCK	1.29062	2.33925	1.30062	2.28326	3.2761	2.6711
CYorf15B	21.5186	20.078	0.0225307	0.0558938	0	0
ZNF813	0.959933	0.523643	1.04621	0.396165	1.04042	0.884245
LOC10013274	0.244421	0.300141	0.328939	0	0.282518	0.211546
ZNF816	4.07424	3.10416	3.71399	2.51777	2.53212	2.47746
MIR212	0	0	0	0	0	0
ATP6V0A1	29.1304	29.6706	28.7499	27.4449	29.0947	30.2525
LOC646168	0.187143	0.264736	0.085001	0.0351449	0.214546	0.0932957
LOC10050570	0.589666	0.312808	0.624933	0.332212	0.300449	0.293964
SIGLECP3	2.79152	2.83223	3.36033	1.93367	6.41223	3.59319
LOC646329	0.366647	0.547841	0.24286	0.215172	0.467039	0.485518
CHST13	0.242128	0.160556	0	0.0568385	0	0.0754419
TRMT1L	4.93528	4.40823	5.07623	3.36722	4.9678	4.61775
ZBTB37	0.491651	0.357685	0.845947	0.339315	0.285345	0.415729
LOC440131	0	0	0	0	0.12207	0
MIR1292	0	0	0	0	0	0
PAM	29.642	18.5122	32.3089	20.7903	25.4279	21.1472
SOD2	145.372	83.0192	67.9862	49.0071	93.5007	55.2297
1-Mar	2.44332	1.84491	3.13208	2.32773	4.17988	2.53384
MCM3AP	18.3365	20.3388	19.8582	17.196	23.4281	20.6668
LOC10013038	0	0	0.029544	0	0.0497135	0
PTCH2	3.94317	4.9327	4.71699	8.38821	6.96581	8.6975
HBE1	0	0.137531	0.116142	0	0.114002	0
MIR579	0	0	0	0	0	0
KRTAP10-8	0.837038	0.246686	0	23.972	0.266557	102.757
IRX2	25.2223	25.067	21.4272	25.8806	30.4028	30.1834
STBD1	14.717	14.2875	20.3157	8.98045	9.50464	5.98558
FLJ90757	4.12423	4.17007	4.30115	5.21152	4.93214	4.55226
NUP37	9.66012	9.19786	12.1645	8.80904	9.76131	10.4768
ZRANB3	0.768226	0.608953	0.641712	0.572107	0.523032	0.775866
TAGLN2	243.292	297.583	254	317.935	281.533	285.698

CYP21A1P	0.373033	0.819955	0.579123	0.459166	0.894771	0.269702
CST3	638.334	853.477	679.278	480.807	641.769	482.326
ZNRF2P2	0.143317	0.254739	2.36E-07	0.122482	0.0271916	0.223966
LOC729041	1.91201	2.28712	1.10684	4.01313	5.65905	3.92489
FLJ41757	2.24934	2.08985	2.16453	1.64672	1.91825	1.54424
ZNF532	12.0933	10.6138	14.8889	12.7419	16.7776	15.3941
EXOC6	6.69285	4.64417	4.65662	4.03458	4.88302	5.04894
SNORD35B	0	0	0	0	0	0
MIR4534	0	0	0	0	0	0
FLRT2	5.60474	4.36962	5.46652	4.78998	6.20265	6.37427
TACSTD2	244.128	211.23	257.615	253.443	295.658	298.192
OR2M1P	0	0	0	0	0	0
DENND1C	7.49581	6.12108	7.10828	5.08528	10.9469	7.16504
LOC1001292:	0.055877	0.0988058	0.253795	0.104935	0.0355884	0.0696403
CPLX1	1.91702	8.05081	3.91823	4.50013	7.60048	3.40463
CSPG4P1Y	0	0	0	0	0	0
HSD17B4	72.9298	52.8689	64.8606	52.5813	60.5396	59.652
MESDC1	6.66928	9.0318	6.62486	6.44564	7.39722	5.77787
MIR556	0	0	0	0	0	0
CYP2D7P1	2.95988	6.62523	4.24258	7.11515	6.88491	5.21894
ADCY7	10.4844	9.39357	12.4535	6.08525	16.3119	9.03805
MYO5A	6.12662	6.1707	6.27753	5.57639	7.33116	5.95782
FAM75A7	0	0	0	0	0	0
DBIL5P2	0	0	0.0472807	0.117293	0	0.116763
MGC45922	0	0.678511	0.290473	0.1201	0.0814631	0.318819
KLHDC7B	11.0676	32.3238	0.855437	0.873829	1.77813	0.62134
LY6G6E	1.61794	0.228877	1.22479	0	1.03048	3.69469
HCG4B	0.109145	0.192999	0.743614	0.102486	0.278062	0.0680148
NAA15	9.6436	5.95922	7.60116	6.65345	6.81351	6.72028
PTGDR	0.575165	0.867483	1.02448	0.254151	1.5084	0.716837
ZNF433	4.94505	4.55278	4.82687	6.36264	5.42462	5.91047
HCRTR1	0.0516544	0.137009	0	0.0970054	0.032899	0.0321889
OR2T34	0	0	0	0	0	0
LOC1002886:	0	0	0	0	0	0
SLK	22.5415	15.9347	23.7022	18.225	22.0021	18.8074
HMSD	1.79414	0.396567	0.679088	0.210584	1.28554	0.419263
LOC1002876:	0	0	0	0	0	0
ITPRIP	9.02894	7.82552	12.34	11.8609	11.0196	10.5046
RNU5A-1	0	0	0	0	0	0
TIMM23B	13.5807	11.2829	12.3675	12.1696	10.6262	10.7377
OR9I1	0	0	0	0	0	0
RBP2	0	0	0	0	0.124133	0.607268
LOC1005070:	0	0	0	0	0	0

EHD4	14.8433	14.92	16.4246	13.8083	14.6742	13.5205
KRTAP13-3	0	0	0	0	0	0
ST7	11.0031	8.42642	9.76391	9.34948	7.80576	7.81561
SMAP1	17.1791	16.1688	16.6731	15.5756	14.0664	17.0795
LOC400643	0.0600592	0.318603	0.227326	0.394762	0.344268	0.187132
PIM1	29.3728	26.7546	47.5232	37.7931	45.6148	46.1516
C11orf75	30.7812	28.7148	19.3568	28.486	23.3867	33.832
SLC39A4	2.42062	3.7714	5.7804	9.73227	7.29326	7.22892
MCF2	0.260508	0.12132	0.194605	0.120104	0.149824	0.115439
MIR4737	0	0	0	0	0	0
C14orf166	109.989	115.29	93.6178	111.151	84.6673	91.2268
FAM53B	13.8115	14.3818	14.7412	15.5719	17.1784	14.4868
FOXO3B	3.14884	2.58568	2.90806	2.51966	3.08696	3.18672
LOC10050910	6.68225	11.45	1.66384	1.44908	3.36528	1.96805
ARL6IP4	71.7171	113.282	107.497	146.887	135.365	117.522
RTL1	0	0	0	0.0217794	0	0.0144539
FBLIM1	18.8472	20.1199	11.815	18.3997	13.7334	19.596
LOC283663	2.40574	3.04871	4.00655	4.8944	5.0819	4.29758
C17orf107	1.78371	2.45782	2.30475	2.95207	2.30972	2.87682
FAM179B	4.48576	3.79006	3.96363	2.76012	4.40739	3.68259
MIR596	0	0	0	0	0	0
ANKHD1	19.692	17.479	21.4742	19.5895	22.0606	16.7723
VMAC	4.1211	5.82979	7.00732	5.77471	7.87426	5.92638
SYT14L	0	0.033805	0.115777	0	0.0243521	0.0476529
FAM26E	7.85538	4.07388	9.14048	6.51597	5.79869	9.34055
CSHL1	0	0	0	0	0	0
DHX40	17.8116	14.8634	15.5002	14.3063	15.0853	13.2514
PNMA5	0.127303	0.202598	0.146235	0.0298833	0.160767	0.0892463
FLJ37396	0.0650554	0.115036	0.984946	0.61086	0.580078	0.810796
NAV2	8.11706	5.9253	7.35346	9.47348	8.67526	8.33774
TMPRSS5	3.32959	3.67977	3.60574	3.38697	2.62134	2.44949
SP1	33.0189	28.5088	31.9207	25.3956	30.1528	25.0079
FAM9C	0	0	0	0.166557	0	0.0552678
MIR346	0	0	0	0	0	0
LOC642778	13.5356	23.2388	9.92243	14.4381	24.0373	21.2173
UGDH	7.90744	6.87475	8.32456	6.61387	5.63983	5.61455
MT1F	6.51953	7.92572	5.86069	9.94782	7.00705	4.57053
C2orf18	19.2172	21.4185	19.9697	18.5836	17.7235	17.6468
TNFRSF14	44.2674	91.4314	49.0489	59.5815	81.8085	53.0184
SNRNP40	19.3139	20.6072	18.7344	18.4429	18.2223	17.0539
EPS8L3	0	0.0387595	0	0	0	0
LATS1	2.98758	1.76095	4.27707	2.04195	2.84774	2.41899
BEND2	0	0	0.0364502	0	0	0

IL36G	8.02868	6.2534	4.41361	5.8336	7.12239	7.2069
NAIF1	2.49288	3.74175	2.67708	2.91236	3.37854	3.05272
MTRNR2L2	1.79922	3.17901	1.70187	3.16531	1.78866	1.75078
CCNF	13.2783	14.9252	9.57147	10.9788	9.53942	10.4772
MIR4650-2	0	0	0	0	0	0
TDO2	0.312076	0.110367	0.330741	0	0.0397527	0.0777891
VGLL2	0.246389	0	0.249295	0.231918	0.157308	0
ZNF566	2.09301	2.08531	2.58033	2.40004	2.72468	1.60433
FAM189A2	20.4147	18.1932	18.1241	22.1147	21.0246	25.585
MFSD7	10.9862	10.7592	10.5155	8.59147	14.1803	13.5055
PDE8A	11.9819	12.6986	14.4099	14.1666	13.7957	11.724
GIT1	19.6703	28.568	23.666	30.2011	28.7311	22.6359
MIR1469	0	0	0	0	0	0
TUBB2A	41.3565	35.3119	47.5649	51.4626	36.606	66.7009
OR5M8	0	0	0	0	0	0
QRICH2	2.45744	3.09255	1.91461	2.17275	2.27348	3.11864
RPL38	1950.12	2821.45	2310.56	3421.06	2227.3	2222.99
CMA1	12.4774	15.9029	51.8887	42.1475	37.1545	33.0202
ESRG	0.284084	0.251169	0.334527	0.56314	0.100519	0.0590098
IPO7	24.4998	19.5592	23.151	18.4822	17.5312	17.5472
TTC18	2.05188	2.92754	3.50103	3.0267	3.74791	3.20802
CPB2	0.485741	0.235042	0.411673	0.332831	0.190482	0.302693
CCNDBP1	39.756	38.4438	35.4817	29.7983	29.5331	32.4505
MIR145	0	0	0	0	0	0
EVI2A	1.70416	1.93686	2.34245	0.68721	2.59071	1.62504
ZNF17	3.52114	2.9807	2.49539	2.81387	3.57868	2.9412
SERHL	62.903	3.1126	2.12935	4.9092	2.34916	1.23213
ZNF587	6.93212	5.2694	6.72597	6.51177	7.79035	6.51823
MIR29B1	0	0	0	0	0	0
WDR61	70.2472	64.5312	70.2515	66.2863	60.0088	52.5104
SDHAP3	8.16164	9.60987	9.13873	9.0058	9.80338	9.20756
DLG4	2.43516	4.73624	5.06047	4.93733	6.87569	4.59298
LOC10013001	2.85538	4.2985	3.71258	4.18843	4.72576	3.8146
ERVFRD-1	0.358427	0.660205	0.768771	0.504836	1.0463	0.912039
LRP12	4.62093	2.27267	4.32389	3.50809	3.56182	3.54426
LOC10050614	16.3677	22.3537	17.7292	21.2416	19.3236	16.6676
NEK10	0.228369	0.0336516	0.0576256	0.142957	0.0484832	0.0474367
TAOK2	16.9925	22.8803	21.1679	20.5392	25.2703	22.517
IL34	26.6225	33.2388	34.1125	32.7467	51.8392	51.4549
ST18	0.0150894	0.0266823	0.0342684	0	0.0480528	0.0376124
NAA11	0	0	0	0	0	0
KCNA3	0	0.312648	0.156154	0	0.300296	0.128544
SMPD1	22.2782	23.6002	19.8044	22.8764	22.9628	22.2124

SNORD115-2l	0	0	0	0	0	0
NXPH1	0	0	0	0	0.0217158	0
CNN2	71.8569	91.9348	69.2566	80.2729	69.1464	70.4762
TMEM181	17.4143	12.7203	20.5019	18.2076	14.6409	14.2139
BMP8B	1.00355	0.621027	0.767781	1.17066	1.11928	0.971565
RBM4B	16.0888	19.2006	16.6713	18.3238	20.8837	17.3451
GOLGA8E	0.00608564	0	0.0264472	0.0142858	0.00232559	0
SCAPER	4.78291	3.48466	4.75503	4.35615	5.62178	4.06778
HLA-F-AS1	3.75045	6.63225	4.02686	5.99842	8.50292	4.95193
YEATS2	9.19641	8.50696	7.30594	6.22512	9.61261	8.63735
NFKBIZ	31.8894	27.5546	29.2048	25.6335	36.7832	28.2277
BBOX1	14.4094	15.3757	18.6815	21.2025	21.9062	20.9517
CCDC54	0.0854856	0	0.129426	0	0	0.106542
RRN3P3	2.26408	3.16698	2.57635	2.79502	3.18873	2.86279
SLC28A1	0	0.0322038	0.110293	0	0	0.0680937
LONRF2	1.07117	0.684983	1.01998	0.999489	0.746598	0.906806
PAK1IP1	17.6288	10.4969	10.0224	9.52651	10.9071	9.05745
AIM1L	10.6762	10.088	11.5397	12.0803	11.0214	13.6946
LHX5	0.0987222	0	0	0	0	0
TPPP2	0.947313	0.977147	0.23904	0.148252	0.402233	0.39355
KRTAP2-4	7.16599	2.03055	0.127133	64.1821	1.58795	1271.92
ZNF525	2.56267	2.43453	3.61665	2.89002	4.71999	3.93142
FLJ41423	0.0774651	0.102735	0	0.0727385	0	0
SKP1	93.1236	89.8196	97.569	106.331	89.4738	92.0514
ZYG11A	0.318481	0.261468	0.275533	0.0640818	0.289774	0.226816
RRAGC	16.9903	13.8918	18.6097	14.683	16.3755	14.1481
SLC9A1	16.4123	14.6231	13.0174	18.2346	13.0832	13.9358
SOS1	10.3172	8.05455	10.1463	7.03584	9.53746	8.3736
MFS10	29.9637	48.0268	30.162	50.0213	48.5436	43.8619
GSTM2P1	37.9544	15.4061	15.1618	11.9422	20.5378	13.6667
MORN5	0	0	0.142427	0	0	0.117244
PATZ1	8.82816	9.80559	9.21513	9.1266	12.4757	9.41788
FXD6-FXD2	4.68E-49	0.201842	0.210326	3.06E-52	1.58E-60	0.24381
TRPV5	0	0.0359183	0.0307536	0	0.0258745	0.025316
GFER	8.11949	12.0514	8.24841	11.6929	11.3877	10.303
C14orf126	6.24804	5.39186	6.769	5.23452	4.78959	4.61626
GNA15	21.6565	26.6785	18.8349	20.9677	32.6131	31.9691
SERPINE3	0.0822022	0	0.229763	0	0.198686	0.158023
CCL4	5.09865	6.31107	2.11129	0.766008	2.2082	0.635452
MIR26A1	0	0	0	0	0	0
FADS2	2126.42	1961.98	1493.94	1455.04	1010.53	1567.03
TNFRSF12A	21.0835	37.2814	19.2036	47.7459	17.5213	22.272
MRGPRX4	0	0	0	0	0	0

VPS29	83.3303	77.9984	82.9193	73.3575	69.8313	66.4169
FAM176A	3.48856	3.38268	4.59935	4.82973	4.12696	5.90578
CDRT15	1.06905	0.723357	0.19819	0.122917	0.521085	0.326296
ABCB4	0.631382	0.949347	0.500899	0.361734	0.986999	0.691013
OR2B6	0.380549	0.112152	0.0960259	0	0.0807912	0.158095
STAP1	0.498241	0.377583	0.107763	0.0668343	0.725331	0.0887093
IL36A	0	0	0	0	0	0
STX2	3.84901	5.15748	4.4377	3.83708	8.92088	6.92499
PRPF39	28.8827	29.8796	26.5244	28.6315	34.38	30.1621
MIR3135	0	0	0	0	0	0
DDR1	55.1294	55.4136	42.607	47.5144	45.4028	51.3932
ESR2	0.632729	0.652833	0.942389	0.429172	0.623564	1.01563
FN1	18.8293	9.67043	17.5433	9.6835	11.4718	10.4742
SF1	97.7935	111.793	99.5522	121.917	104.969	94.6703
ARPC1A	65.8726	83.845	61.1534	78.5922	60.0617	72.4758
TRAF6	4.04365	3.44822	3.30559	3.77446	3.84788	3.16842
EIF3H	205.448	224.266	210.068	244.225	213.318	201.665
C16orf92	0	2.20E-06	0	0	0	0
NR1H4	1.01604	0.198923	0.16394	0.237676	0.143298	0.157734
LOC10050682	0	0	0	0	0.231177	0
C1QL4	0.0498679	0.396811	0.188752	0.374602	0.127045	0.27968
GDPD3	17.4476	23.577	17.5539	21.9597	20.2191	28.2895
ZNF180	3.86945	3.22483	3.98563	2.76969	3.55531	2.88563
TRIM43B	0	0	0	0	0	0
WDR38	0.177942	0.0786511	0	0	0.056656	0
CCDC70	0	0	0	0	0	0
MIR503	0	0	0	0	0	0
MBL2	0	0	0	0	0	0.0171426
MIR195	0	0	0	0	0	0
TMEM231	3.40716	4.98201	5.52246	5.14708	5.8036	5.25892
ATP6V1B2	53.5515	45.7032	47.4763	45.7823	55.3983	58.6939
TRPM4	12.819	19.2943	23.4493	30.6179	29.3394	25.1739
GNAO1	0.924986	1.55893	1.22409	1.2613	1.4298	1.30039
PRAMEF22	0	0	0	0	0	0
PARL	27.9265	35.6279	27.3598	31.4105	32.8791	26.1873
LOC441455	1.28924	0.455646	0.829022	0.846846	0.738526	0.762728
GIPR	2.14191	4.28346	2.12331	3.39992	4.54732	2.57416
PRSS37	0	0	0	0	0	0
MIR3934	0	0	0	0	0	0
CHST6	0.249011	0.171236	0.178031	0.324747	0.229172	0.456899
RSRC2	46.5861	39.3729	41.4989	35.1984	46.9401	44.4174
ZNF385B	0.9986	0.717815	0.784925	0.605849	0.73256	0.431244
MSRB3	20.5415	14.9359	19.0074	13.1118	15.3198	14.1209

CNKS3	10.8096	8.39301	7.90478	8.94242	9.12761	11.2587
LIMA1	53.3734	59.4899	60.2871	39.1529	45.6604	33.3061
NAB2	24.4458	29.2992	22.9278	31.0211	31.041	35.1869
MSH6	11.2553	9.19935	10.0783	8.96391	9.71005	8.4614
UGT8	1.51015	0.640066	0.946353	1.08417	1.05176	0.906175
TFRC	34.1748	32.1927	35.7519	32.929	27.9712	32.707
OTOS	0	0	0	0	0	0
GRIN2B	0.0161145	0.0284948	0	0	0.0307902	0.0100419
PHKB	17.1144	12.128	14.4159	13.6086	11.9761	12.2725
LOC10050617	1.15E-08	0.239898	2.49E-09	0	2.35E-09	1.86E-09
FAM183B	0.386518	0.0569557	0.390128	0.302445	0.164117	0.0401436
PRKRIP1	17.3236	24.3269	17.7152	24.0122	20.7344	21.6404
PVRIG	5.99558	5.48161	6.29206	4.41433	6.72582	6.11364
SNORA5C	0	69.1022	29.5829	36.6945	24.8896	24.3523
PHACTR2	3.86395	2.74675	3.79437	2.91295	3.07619	2.71154
SNORD14E	0	0	0	0	0	0
LOC10050625	13.1275	17.2357	11.5115	13.4936	16.2551	14.9526
EIF2C1	7.67354	7.42472	8.07862	8.32669	8.01877	6.79273
B4GALT1	34.948	25.5545	28.0161	41.5795	29.5158	27.3778
PRH1-PRR4	1.30571	0.339665	0.516691	0.458058	1.14005	0.216675
PLEKHB2	30.9515	25.9104	26.8445	29.2959	25.083	24.9419
CLUAP1	8.96537	8.25921	8.01927	8.61088	7.57001	7.42385
BAG1	30.5792	32.8196	35.4326	39.2371	31.8193	34.5957
DHRS9	28.474	21.9706	21.4051	19.6899	15.3079	19.4218
TSEN2	5.99914	6.39007	6.79748	4.79011	4.85394	5.37954
OSTCP1	1.59999	0.915339	0.926215	0.972121	1.73837	1.6422
ARGFXP2	0.184472	0.163098	0.139646	0.259824	0.411219	0.287387
LOC10065289	27.6279	29.6744	160.201	61.9447	47.1146	48.3176
FLJ46257	0	0	0.0175938	0	0.0296051	0.014483
C9orf133	0.494174	1.09229	0.748185	0.232011	1.57371	0.461922
CACNA2D2	1.3677	1.31894	1.49903	1.62028	1.93841	1.37951
CD99P1	5.06531	9.11503	7.90805	9.55884	10.8721	3.41781
BAIAP2L2	2.10326	3.16972	1.8093	3.68055	3.40984	3.06814
MSTO2P	8.88165	13.0908	10.4187	11.7606	13.697	9.55227
CXCL14	401.726	453.755	620.717	854.984	485.683	380.8
C10orf122	0	0	0	0	0	0
LOC10012788	1.81128	0.960853	0.137115	0.531489	0.922893	0.564357
C1orf222	0.289791	0.288241	0.137108	0	0.0922846	0.0451463
FOXA3	0	0.0459784	0	0.0488307	0	0
LOC644366	0.962574	1.06381	5.10071	5.42305	4.90455	2.39934
COX15	7.83031	7.45329	8.56485	7.96513	8.94708	8.3483
AAA1	0	0.0181523	0	0	0	0
LOC10050607	0	0.219767	0.0627221	0.1945	0.158313	0.103264

LOC388387	0.453051	0.550769	0.257222	0.478584	0.396757	0.211742
MIR548W	0	0	0	0	0	0
RABEPK	16.6731	18.8259	16.0056	20.4613	16.2464	14.4671
ZNF37BP	5.5517	5.63172	6.143	5.2232	7.29412	6.91918
LGALS9B	0.28039	0.323927	0.679221	0.842501	0.400023	0.335476
LOC10050717	0.801609	0.0638281	1.08172	0.973341	1.00118	1.06057
LOC254559	0.231655	0.0819259	0.140291	0.369785	0.236068	0.245408
GPR137B	21.4101	17.4562	17.2652	19.2503	16.6915	20.4324
HMGA1P7	0	0	0	0	0	0
CCNA1	1.19441	0.409625	0.350724	0.750244	0.437215	0.955509
SCNN1A	30.6862	24.6469	27.4472	28.7586	34.7228	37.1317
CYP2A13	0	0.0532391	0.0227919	0.226167	0	0
POU1F1	0	0	0	0.0827208	0.0561089	0
DOK1	6.23078	6.98865	7.92431	6.19517	7.94891	4.14457
C15orf2	0.0235452	0.0208172	0	0.0110543	0.00749802	0.00733617
LOC10050743	0.525726	0.6324	0.541466	0.435216	0.256253	0.407364
FHL5	3.27202	1.9812	1.27836	0.620578	1.00846	0.750515
LOC10050757	0	0	0	0	0.0982058	0.096086
TOP1MT	17.2533	23.5311	17.9638	22.4355	18.8923	18.5184
ZNF680	6.89749	4.93069	6.48303	4.37889	5.7047	5.69763
LOC286002	0.527529	0.0444198	0.15213	0.192475	0.243912	0.381155
WNT3A	1.33861	2.39661	1.95066	2.54528	1.89696	1.2721
UIMC1	9.65898	13.3279	9.59197	12.8206	11.3297	9.4142
IQCJ-SCHIP1	2.37479	1.73452	1.70205	1.70231	0.882654	1.20885
TRMT2B	8.29353	6.93411	7.86971	8.68035	9.27698	8.26341
DNAJA3	39.063	40.9355	30.6028	34.85	34.7155	33.5482
LOC10050634	0	0	0	0	0	0
WDR92	6.8659	6.1106	7.40045	4.65378	6.1974	5.58194
FGFR1	23.292	25.4879	26.6934	24.3397	26.5043	29.0188
LCN10	1.68947	2.08215	1.58898	1.05759	1.59774	1.85038
EIF3J	34.7134	24.7947	26.7232	24.5345	24.8411	28.8711
SNORA42	0	0	0	0	0	0
CDK7	12.4695	12.9666	12.7111	13.1722	13.5373	14.6579
GPR19	0.181121	0.160135	0.319922	0.283449	0.34607	0.413845
KIF15	1.11794	0.882508	0.785835	0.749803	0.979027	1.38086
LOC10050639	0.512076	0.867762	0.355341	0.56097	0.896896	0.452064
MIR4509-3	0	0	0	0	0	0
SLC13A4	0.894754	0.882364	0.963898	0.84016	0.723301	1.02937
PCDHGC3	48.3648	51.0385	50.378	55.7331	54.6347	47.7891
RAP1GDS1	14.2709	12.7291	12.4186	12.9484	12.3947	12.6371
DYTN	0	0	0	0	0	0
PRSS35	0.368671	0.502091	0.369353	0.4207	0.209738	0.113075
KIAA0415	8.33291	13.1353	12.4449	13.068	12.62	11.3069



NKX2-6	0	0	0	0	0	0
SCARNA11	0	0	0	36.6945	0	0
SERPINE1	1.18294	1.70586	1.05266	0.653984	1.01084	0.591203
MIR4521	0	0	0	0	0	0
C9orf146	0	0	0	0	0	0
CDC42BPB	22.0794	22.3261	26.2847	22.3752	24.1835	21.2235
SNORD115-1	0	0	0	0	0	0
DNAJC5B	0.158355	0.0700039	0.0599379	0	0.0504287	0
KCNK6	13.2449	15.4135	12.8259	13.4643	18.65	20.6459
TMEM11	24.1208	28.9967	20.276	23.463	21.1028	19.5675
ARL6IP1	115.266	91.5209	91.8586	77.1584	73.9585	79.0119
CTXN3	0	0.063866	0	0	0.0400234	0.045014
GPX7	4.54815	4.82542	7.23024	7.43091	8.80609	8.16253
GBF1	18.8109	17.2325	20.0515	18.4293	20.9254	19.3722
TUBA4A	138.247	143.855	156.903	186.734	168.689	199.115
KRT14	2304.67	3633.67	2345.29	4481.62	2510.38	3790.6
MPZL2	45.8381	39.0013	32.1426	30.5422	32.3127	34.9672
SLC35D2	13.141	15.4334	10.4922	10.1906	11.1178	11.3667
RIOK3	31.2068	28.0182	31.9432	29.7789	34.4442	30.5699
MIR410	0	0	0	0	0	0
MIR4278	0	0	0	0	0	0
C12orf34	1.86106	2.11954	2.10131	2.96187	2.04919	2.28015
FADS3	25.1863	37.1309	39.7398	28.8557	22.4027	16.7243
WDR64	0.0222013	0	0	0	0	0.0138349
C14orf21	7.35224	5.65444	9.49216	4.53938	8.37109	6.96655
SPRY1	21.4985	16.1045	20.5318	16.0509	19.4534	16.1183
LRRC66	0.147766	0.313549	0.357951	0.1665	0.43292	0.313077
CXorf41	0	0	0	0	0	0
LPA	0.0147071	0.0130031	0.0222667	0	0.018734	0.00916482
MRPL42	12.5555	9.5133	10.4607	10.2492	9.82436	9.90369
MMP20	0	0	0	0	0	0.0330206
PLEKHA8	3.29844	2.52145	2.7037	2.52331	2.4388	3.12444
NBPF24	2.86469	2.46764	3.41504	2.4534	3.49485	2.85887
LOC643955	0	0	0	0	0	0
NAGS	0.69552	1.36164	0.676945	0.74638	1.58207	1.33121
TMEM42	16.0598	21.0834	17.7755	16.565	18.055	15.6941
MLL2	7.17271	6.11043	9.29444	7.00341	9.21815	7.07612
NAPSB	4.38452	4.90077	3.5696	2.64168	8.58833	5.36151
RSBN1	4.7742	3.93964	4.66547	4.14328	5.418	3.78646
ATP6V1G3	0	0	0	0	0	0
MIR626	0	0	0	0	0	0
CSRP2	45.3016	38.27	30.5283	26.7594	21.7467	17.0051
ZNF649	5.45273	3.43776	4.68427	3.33654	4.5459	4.58139

HIST2H3A	0	0.139481	0.238849	0.6666	0.200955	0.0983089
RNASE3	0.184018	0	0.139302	0	0	0
CD200	11.8493	11.4955	10.1905	10.9099	11.8048	9.13658
ARSJ	0.86832	0.621483	0.84513	0.970641	1.19825	1.12085
SUZ12	11.3658	9.70442	10.9148	8.65984	10.6034	8.97142
MIR4251	0	0	0	0	0	0
SMARCD1	20.8339	21.6548	19.2543	20.5134	21.9912	18.4765
HEXB	44.4657	32.2489	37.7864	30.6025	33.7108	40.82
PROS1	19.7968	15.4667	22.8738	14.9329	18.6336	15.8393
MIR527	0	0	0	0	0	0
SNORD55	0	0	0	0	0	0
GPR108	30.0414	31.4258	30.3595	35.051	32.0471	29.9343
MRPS18A	37.5949	44.8736	29.6469	51.1285	35.3487	38.7113
MIR4462	0	0	0	0	0	0
SPANXA2-OT	0	0	0	0	0	0
C8B	0	0	0	0	0	0.031553
CIB4	0	0	0	0	0	0
PRB3	1.72081	0.464902	1.5126	0.987484	0.803763	0.458741
WFDC2	41.746	40.3911	18.6829	29.3375	20.9027	12.4345
BARD1	1.38854	2.42122	2.16067	1.59356	2.87421	1.92285
ZNF204P	9.75984	10.8257	8.89689	8.45839	10.2341	10.7465
CYP4Z2P	4.66518	0.443847	0.119176	0.18101	0.122778	0.144153
DPY19L1	4.48451	4.80704	4.58149	3.22337	4.27168	3.49939
BRF2	7.95924	9.55029	7.43367	9.12362	8.75604	8.69586
MIR328	0	0	0	0	0	0
CBWD3	12.5624	12.9533	9.62705	10.646	12.4275	11.3202
PIGM	4.85269	3.35687	4.09869	3.2065	4.33557	3.21999
CYP2B7P1	19.6508	2.78469	2.38427	1.89661	0.327066	0.405341
ZNF75D	8.92497	7.95184	8.93829	6.47473	9.82206	9.05012
OR4E2	0	0	0	0	0	0
SERPINB11	0.791067	1.02222	0.0921295	0.228554	0	0
RAP1GAP	7.23023	7.16341	8.73488	12.7579	7.25525	6.89885
CDKN2A	2.09478	3.8979	1.91738	1.46173	1.13361	1.0908
LOC10050560	0.229283	0	0	0	0.146032	0
DHTKD1	10.0403	8.07443	6.89938	6.94028	7.03181	6.32593
NUAK2	3.61996	3.85346	6.54028	3.94294	5.92688	5.45905
ATG4A	9.73371	9.46009	8.36439	9.0513	7.61241	10.3607
SPRN	2.59421	3.97117	2.77701	3.73752	4.10447	4.76288
VAT1L	0.337783	0.275674	0.137687	0.170786	0.231685	0.0809586
MIR210	1336.96	2364.11	1686.81	2092.31	2270.72	2499.41
TBC1D24	6.91827	4.96262	5.91789	4.15375	5.01596	4.52809
G6PC2	0	0	0.135454	0.141763	0	0
SIDT2	28.223	28.0049	33.11	29.1581	31.8715	27.5803

LOC10050765	0.171336	0.146751	0.126663	0	0.347836	0.105071
DDO	5.17381	5.07229	3.81924	3.73901	2.75347	2.86242
SLC6A3	0.0992389	0.0658056	0.0187811	0.0931838	0.0948088	0.0154604
LOC10050686	0.05819	0	0	0	0.0729178	0.0545757
PGPEP1L	0.497894	0.353013	0.075563	0.374912	0.2543	0
DCAF10	7.03435	5.61541	6.25942	5.31112	6.22041	5.67541
KLKP1	0	0	0	0.285508	0	0.126318
NIPA1	3.94719	3.75455	4.33504	3.21526	6.72282	5.91659
CEBPB	87.3611	94.2358	80.5994	101.096	76.1076	78.2217
LOC10028860	0.171448	0.381141	0.256807	0.154795	0.289276	0.55246
KLK12	1.147	1.33332	1.71108	1.2273	0.879825	7.65889
HMGCS1	541.376	366.215	368.994	324.679	239.438	371.039
HLA-DMB	25.9091	23.5281	19.7315	13.996	38.189	15.5132
KCNQ2	0.0762342	0.0674014	0	0	0.048554	0.0475059
MIR3121	0	0	0	0	0	0
DEFB103B	5.51293	3.48156	1.34142	3.69754	1.50481	4.43231
NKX2-4	0	0	0	0	0	0
CAMK2G	18.4595	20.5576	18.4245	18.9819	21.417	16.2668
LOC10050731	3.8044	6.30677	3.13195	5.62633	3.51342	3.94136
CALCR	0	0.0242616	0.020773	0	0.069913	0
INO80E	31.2809	46.3766	36.8081	49.5406	42.9191	45.0318
MIR4483	0	0	0	0	0	0
SLC39A2	18.6483	12.6101	20.4247	18.9087	32.8995	31.8232
GSG1	0.0423972	0	0.0320949	0.0398103	0.027003	0.0264201
TTC13	10.4857	11.4527	10.0206	10.4896	12.7727	9.53053
SMPDL3A	48.6758	35.2912	53.8609	38.5305	52.3886	56.8133
C20orf27	26.6159	36.8084	19.0658	24.9919	28.2867	24.1609
LHFPL5	0.0955038	0	0	0	0.0304135	0.029757
MIR3606	0	0	0	0	0	0
PPIL2	21.5509	26.5621	20.7156	26.8045	26.9109	23.7262
MMP25	1.23978	1.73386	1.22859	0.510247	3.8022	2.27198
CTAGE5	8.14157	5.44304	5.5594	4.9399	6.01532	5.21281
LOC10050606	2.21194	0.86918	2.41865	1.8462	1.09573	0.765769
TPH2	0	0	0	0	0	0.0268027
OR5H1	0	0	0	0	0	0
MIR4320	0	0	0	0	0	0
LOC10012885	0	0	0	0	0.0476873	0
TST	73.0378	86.9044	69.8199	87.5844	55.1398	64.8403
PLGLB1	1.3981	1.03144	1.09335	0.946649	1.5638	1.70628
RGP1	7.53628	2.90955	6.88062	4.02104	5.18452	6.27654
KRTAP22-1	0	0	0	0	0	0
LOC154449	0	0	0.0626246	0	0	0
SCG2	0.0391433	0.069216	0.118527	0.0735098	0.0498611	0.121962

VDAC2	84.3935	82.0035	76.8819	93.8099	73.845	74.1838
XRRA1	1.31856	1.83646	1.26986	2.16438	1.55232	2.36972
LOC642424	0	0	0.177088	0	0	0
C1orf127	0.289904	0.224276	0.246892	0.136108	0.369283	0.248402
LOC401980	0	0.0491944	0.0421206	0.0522461	0.0354381	0
LAPTM4B	47.0637	39.998	45.3284	49.1594	45.8922	41.0366
ODZ2	2.36802	1.86871	1.80742	3.23423	3.0725	6.02455
KDELC2	9.79902	8.02635	11.34	7.82624	13.5438	12.3811
RYK	27.5811	31.1732	28.8928	24.9409	25.8498	23.5502
NGB	0	0.0491055	0	0	0	0.242274
LOC10050573	1.8229	1.61169	1.55244	0	0.290253	1.13595
MIR4516	0	0	0	0	0	0
GDE1	45.9282	40.1873	39.5661	40.1978	33.8934	37.5974
CHID1	20.3748	22.5541	22.7923	24.6073	19.5541	22.2115
OR52E4	0	0	0	0	0	0
MEPCE	32.8913	46.7811	33.3157	40.5871	42.0926	34.2681
TPRG1	6.6479	4.28974	8.60395	5.43682	11.2511	10.6073
AMY1A	2.25517	2.13701	2.19136	2.36874	2.49537	1.90215
IL21R	0.632743	0.640824	0.416744	0.213342	1.23078	0.366898
LOC554201	0	0	0	0	0	0
ACSBG1	330.079	336.578	245.211	213.73	205.086	216.592
ZMYND11	30.9697	24.0402	29.3745	25.2948	27.1789	22.8602
CA11	12.3144	18.0326	13.2313	21.613	21.4087	20.9174
TAS2R8	0	0	0	0	0	0
TRAIP	2.3969	3.2915	2.39355	2.96894	3.2156	3.46399
RPS17	1107.48	1489.81	1130.09	1572.67	1139.19	1100.93
DLK1	0	0.118632	0	0	0.170918	0.0418071
USF1	33.1378	43.6545	32.5899	39.9436	43.2491	32.3302
CT47A2	0	0	0	0	0	0
IQCF2	0	0	0	0	0	0
LOC10050690	0	0.120963	0	0.128467	0.087138	0
PDE6D	12.5631	15.9839	10.6701	18.2223	12.0998	15.0847
TIPRL	15.2955	12.1044	14.8201	10.9135	14.7074	12.8787
LOC10050603	3.69965	3.57346	6.28207	3.89029	5.35073	4.01559
MAPK14	28.1845	22.6501	28.6505	22.4868	26.3156	24.1219
CCDC37	0.0986167	0.0435953	0.0373267	0.0925995	0.0942143	0.0307269
LSMD1	23.3022	35.1485	25.7415	33.5719	23.4014	23.5802
SNORD115-6	0	0	0	0	0	0
FBLL1	0.437617	0	1.07666	2.46549	0.348401	0.477233
RRM2	3.53825	5.08018	2.65573	3.66327	2.65799	4.29664
RNASEH2A	12.238	12.2275	10.394	14.948	10.4559	13.3923
PTS	20.1089	22.1954	21.8482	17.7995	21.5361	14.9523
MIIP	15.3858	23.5233	10.6299	13.1853	19.2563	15.3656

MIR1976	0	0	0	0	0	0
MIR4458	0	0	0	0	0	0
CERK	14.4838	11.6678	15.9676	15.0133	17.3799	21.0826
AQP3	274.75	391.191	306.613	385.597	215.317	236.811
LOC10065273	6.91949	12.7532	7.00501	17.4607	13.4153	7.91125
LOC388588	3.06235	4.43051	2.73971	3.65972	4.07816	2.60226
RN18S1	0	0	0	0	0	0
GPRASP1	5.06117	5.78623	6.21488	5.30967	7.78539	5.45468
MRPS14	18.4515	15.6731	15.0181	14.6322	16.3038	14.4742
APOBEC3D	2.21798	2.85223	1.0686	0.719399	2.54254	1.3319
SULT1A1	15.4328	16.9693	12.5092	15.6331	17.429	15.5345
RPL7	571.443	654.458	632.344	803.1	630.312	603.635
SNORD27	0	0	0	0	0	0
GRP	0.150613	0.686905	0	2.6366	0.688666	0.76673
LOC10012798	3.07335	2.30437	4.39238	2.69167	4.33619	3.08733
TRIM42	0	0	0	0	0	0
PNPLA5	46.7541	53.9898	33.0067	37.6378	30.7085	59.7029
L3MBTL4	5.63667	5.32228	6.46262	4.98443	7.52859	6.15546
KIF13A	8.02304	7.65202	9.71341	6.99028	8.97948	6.70614
ODZ3	0.801255	1.10113	1.54276	0.997702	0.926348	0.862935
MIR3194	0	0	0	0	0	0
FLJ39653	34.5809	49.9929	40.9357	69.1223	43.6379	39.8992
LOC152742	0	0	0	0	0.0332151	0.0324981
FBXO31	14.2362	19.4827	18.2811	20.4678	20.1881	17.6351
NSDHL	77.8618	61.8881	63.0903	54.7966	38.9283	67.1005
IL7R	1.1604	0.820763	0.87843	0.21792	1.62594	0.614646
OR2G3	0	0	0	0	0	0
RFC3	5.78443	6.39265	5.08741	5.6019	5.66057	4.57765
CXorf66	0	0	0	0	0	0
CCDC153	2.00437	5.46408	3.03463	3.76414	2.34042	1.76947
MKRN2	14.4977	14.4361	14.7813	13.6131	17.3043	14.823
NAPRT1	26.4283	44.1975	49.7329	64.4001	64.0873	66.9378
LOC10028701	0	0	0	0	0	0
ECM1	14.561	20.8055	32.5998	27.5367	26.5425	22.0185
MED4	32.1132	28.8589	28.5741	28.8754	27.7477	30.0014
IDUA	11.0158	20.5929	15.0352	19.6374	19.5566	17.3124
LOC10013089	16.9384	18.3758	20.1347	20.7193	18.3398	15.7188
MFSD5	38.1497	36.5036	37.8528	39.6352	40.0114	43.2038
CRTC3	12.6266	11.7201	13.9825	11.6448	12.8562	9.84144
SUPT6H	24.7871	25.7911	28.4112	28.2786	32.6328	26.3024
RXFP2	0	0	0	0.0344314	0	0
TIGD6	2.23949	1.60346	1.59601	1.22041	1.82646	1.98545
RRP7B	18.654	11.6987	11.6137	16.5317	16.5154	12.4305

LOC1006530:	9.75151	15.2055	9.66364	17.3141	9.25972	12.3744
C21orf91	7.44457	5.6284	9.70505	5.46401	9.06633	7.7136
MIR515-2	0	0	0	0	0	0
CCDC30	0.864075	0.99032	0.734887	0.360601	0.489186	0.578341
MS4A13	0	0	0	0	0	0
ANKRD34B	0	0	0	0.0698691	0.0315944	0.0309124
MAGI1	7.80214	5.72517	7.73156	6.89493	7.59359	6.46387
STS	2.53067	2.03887	4.20553	2.5028	2.81349	2.31418
KIF5B	38.6714	25.679	36.9808	30.0817	28.1412	25.4462
EPHA10	0.276256	0.215657	0.250593	0.621668	0.310706	0.466856
MZT1	7.09687	6.01471	8.2334	5.36263	5.77709	5.57388
PCDH11Y	0.0104572	0.0297463	0.00706563	0.0512772	0.00667269	0.020364
SERP1	52.9488	46.1632	39.4006	35.527	37.5392	38.0757
PRKAR1B	7.13025	10.3955	8.48922	10.7767	8.42082	8.95218
MIR761	0	0	0	0	0	0
LOC1002874:	0	0	0	0	0	0.00834323
C19orf39	2.29507	2.08552	2.65434	1.91559	2.84228	2.97957
FOXR1	0	0	0	0	0.0626266	0
PES1	26.238	34.0752	29.4203	32.3844	28.0181	28.5681
IL22	0	0	0	0	0	0
LOC1005063:	0	0.180011	0.0770636	0.477946	0.583537	0.190314
LPHN2	12.5526	10.088	14.1964	9.98795	11.3769	13.5537
DENND1B	3.65633	2.48228	2.7745	2.05641	2.27951	2.06651
FAM153C	1.0356	0.821159	0.795957	0.508608	1.04502	0.333371
NCR3	0.547189	0.858235	0.619973	0	1.11081	0.178715
C16orf3	0.473549	0.523352	0.537719	0.555818	0.52781	0.221322
DKFZP686I15	3.72077	4.07005	2.86161	2.92014	4.86754	3.15856
ASRGL1	2.73334	2.03327	1.41271	2.20012	1.04987	1.22947
LOC1005069:	0.00109731	1.02442	7.48E-05	2.07E-06	4.47E-05	2.68697
C17orf98	0	0.232133	0	0	0	0.163612
PANK2	16.6863	17.9655	16.488	16.3596	16.1178	15.6539
TAAR5	0	0	0	0	0	0
SAMD13	1.24577	1.03328	1.11836	1.02506	1.48049	0.920617
HOXA2	2.00675	1.61769	1.25104	1.44094	1.61643	1.39764
MOCS3	3.12606	3.41846	4.35923	3.86226	3.95581	3.71663
DKFZp686K16	0	0	0	0	0	0
ZFP82	1.57547	1.66472	1.22173	1.01028	1.39501	1.36489
KCNK12	0.533639	0.876219	0.115419	0.429496	0.436986	0.475059
TOPORS	6.7395	4.69914	7.58889	6.28172	6.42964	6.10959
LOC1006530:	11.5678	9.57752	8.80145	7.87081	10.2301	8.48576
ANKRD52	11.1612	11.1631	11.362	11.3732	13.6742	10.8926
ZNF185	38.2273	29.8114	32.0463	22.1808	36.7282	47.2858
LOC1005065:	0	0	0	0	0	0

HS3ST6	30.0176	40.5788	44.3767	56.7807	45.3716	50.2886
CNPY4	6.48148	9.36853	7.57799	8.01776	10.5451	13.2069
CCL25	0.117598	0	0.0890224	0.110423	0	0.0732821
FGG	0	0	0	0.239614	0	0.286236
KRT81	10.5407	2.16544	1.15402	78.8054	2.98127	806.614
LOC1001317:	2.24959	0.951235	1.11062	0.918405	1.30819	2.0723
XYLT1	3.99609	3.12164	4.21977	2.81182	3.73071	3.46105
SNORA51	104.865	0	79.3837	49.2335	33.3947	0
DLGAP5	1.9933	1.79171	1.33301	1.31058	1.37528	1.88361
DPYSL3	27.2774	20.7951	28.3588	19.1818	26.2964	22.2178
VPS16	21.2967	27.8583	18.4273	21.2295	23.9457	21.0651
MIR665	0	0	0	0	0	0
TM4SF18	6.17872	3.23232	3.36953	2.97963	1.81632	1.49533
LOC1005071:	0.112502	0.0165778	0.0141941	0.0176062	0.0477687	0.0233688
RNF220	21.0935	24.7883	20.3743	26.7083	23.239	20.31
FSTL3	12.296	22.2401	25.4605	24.7894	22.2657	16.4515
SEC11A	78.9744	80.0884	78.7555	77.9376	68.8596	63.9611
IFT46	12.5862	13.4572	14.2591	15.9014	13.776	13.7654
SNORA25	0	123.09	140.521	43.5754	532.023	260.27
FAM58BP	0.238611	0.210965	0	0.336078	0.303945	0.371731
DGCR6L	46.7623	78.6193	48.4999	76.3223	54.7589	59.9441
ANO3	0.113022	0.128514	0.220143	0.166811	0.143942	0.0603492
WAS	3.42521	4.54253	4.53758	3.48424	5.41748	2.7392
C6orf57	20.8058	17.0812	16.4251	14.7918	18.3626	14.6323
LOC1005058:	1.7379	1.02436	1.57872	0.326373	1.91859	1.51618
AK4	16.0612	10.8926	15.9987	12.6375	13.7075	12.217
C10orf114	1.19609	2.02305	1.73215	2.63686	1.6892	1.58792
HGD	15.1103	8.2702	3.89067	2.70254	2.16045	5.06035
LSAMP-AS1	0	0	0	0	0	0
COX8C	0.583181	0	0	0	0	0
MIR497	0	0	0	0	0	0
KCND1	0.757818	1.08651	0.976793	1.09622	1.42189	1.23803
GABARAPL2	134.879	117.594	138.741	130.501	126.507	138.162
NIP7	12.7239	12.1665	11.2185	12.4525	10.7183	9.20016
PSMB4	191.71	254.591	190.256	227.455	183.152	176.392
MIR3116-1	0	0	0	0	0	0
KHDRBS2	0	0	0	0	0	0.0275738
CES3	2.53731	2.51038	2.77685	4.99925	3.90426	2.59613
TNFRSF17	0	0.209341	0.268859	0	0.0754015	0.221322
HLX	4.06758	5.45373	3.21453	2.81208	5.80764	2.89685
C15orf17	49.2455	50.7311	51.3181	50.7089	61.3491	54.0712
C5orf39	2.10629	4.11247	2.52458	1.73055	3.01839	1.96883
SESTD1	5.23008	5.10246	7.27673	3.98804	4.72092	3.21983

SH3RF3	0.561785	0.528827	3.25029	4.46066	3.80769	3.36572
FAM3B	0	0.358024	0.430077	0.337985	1.00792	0.61632
SULT2A1	0	0	0	0	0	0
KRTAP21-2	1.81872	1.608	0	0	0	27.2003
DUSP22	36.7474	48.4018	28.7924	36.2157	31.8816	32.4951
CYP26C1	0	0	0	0	0	0
ZNF254	11.0839	7.98249	9.07586	6.93837	7.10612	7.9438
MIR4680	0	0	0	0	0	0
SNORA24	167.619	98.7987	296.073	314.783	142.343	278.541
C12orf75	14.3451	17.2178	10.556	15.5016	13.6282	13.8334
ARPP19	37.2973	30.9036	31.4771	27.3564	27.9285	24.9778
ROPN1B	11.7333	5.08374	5.8626	11.5683	4.70801	6.94633
ACCN4	0.0350925	0.253394	0.138682	0.333646	0.160931	0.221425
JMJD4	11.2696	13.738	10.6396	15.2183	12.1231	14.1829
LINC00314	0	0	0	0	0	0
UBLCP1	19.791	16.9734	17.1313	15.0816	15.4121	15.8981
HEATR7B1	0.0182497	0.0161352	0.0828907	0.0171362	0.0581167	0.0113724
PPP1R10	16.743	15.0875	14.3624	13.2052	18.4055	17.9949
LOC1001292:	0.30805	0.170224	0.349793	0.542352	0.515022	0.26395
LOC10050670	0.218428	0.193121	0	0.205101	0	0
C17orf61-PLS	10.9121	18.3696	14.5963	6.94849	24.7007	16.5864
ZNF524	22.3871	35.938	28.3494	38.5549	30.9481	34.266
ATRNL1	0.151677	0.210734	0.106619	0.122076	0.138006	0.10127
LAMA5	17.1447	28.4026	29.9449	33.0473	42.2471	31.9524
VCP	98.2174	78.6665	84.2033	81.9061	73.2472	85.5197
NUP43	13.0032	14.1687	13.1888	13.7599	16.7416	13.6739
DRD3	0	0	0	0	0	0
YY1AP1	31.6394	36.8141	30.9985	42.7216	37.641	33.6451
PROZ	0.0726339	0.0642183	0.164953	0.0682021	0.185044	0.271574
SEMA3A	1.11864	0.719297	0.936633	0.350129	1.03632	0.855521
NUDT11	1.18483	1.45861	1.31292	1.23133	1.45487	1.02823
LIMS3-LOC44	0.0645923	6.51E-15	0.149308	0.101757	0.0790884	0.080715
LOC1001311:	1.25526	0	0	0	0	0.391114
ST6GALNAC1	1.1488	0.595408	0.779684	0.557951	0.908288	0.641826
LOC1001321:	0	0	0	0	0	0
LOC441454	0.821374	0.607152	0.881535	0.670867	1.22702	0.591574
GZMA	7.44767	7.42282	2.25517	0.38145	3.96726	0.337532
ARVP6125	0	0	0	0	0	0
ZIC1	2.94323	3.65938	4.55357	3.64456	3.53824	1.29533
PLEKHA5	8.78565	8.25035	9.97815	8.68709	9.69615	9.59072
SART1	17.4396	22.9598	19.2046	20.9555	21.8676	20.2239
LOC10065290	12.5444	12.3501	6.19525	9.34381	9.95699	9.06495
DCAF12	14.8972	12.5575	15.6022	14.0384	14.8103	14.108



DHX36	13.3945	10.4733	12.5871	9.56678	11.8361	8.79265
CEP70	6.36935	5.79799	4.45074	3.60967	4.65678	4.39186
MIR1268B	0	0	0	0	0	0
WDR65	0.196786	0.0297267	2.01E-134	0	0.133113	0.188474
LOC10065290	0.444908	0	0.56133	0.208881	0.567803	0.23104
PYY2	0.107744	0.0952602	0.163125	0.303509	0.411735	0.335707
MIR3675	0	0	0	0	0	0
RAD1	6.35727	5.77749	6.33868	6.20668	5.91976	5.19447
PCBP3	0.820105	1.24326	2.62481	1.38109	1.52427	1.18631
UBQLN1	78.5467	57.0211	58.3627	49.8607	45.5247	46.32
CYP4F35P	0.72855	1.44095	0.44661	0.781714	0.419576	0.280881
PTPRK	16.1224	11.1979	13.734	12.8222	12.5951	10.8302
SH3RF2	13.7678	14.6533	16.1521	16.0524	19.6986	21.2658
U2AF2	43.3946	49.8737	43.5823	50.8786	50.1414	51.9774
ZNF365	0.901817	0.671859	0.662204	0.981183	1.66104	2.5072
LOC389831	0	0	0	0	0	0
MIR642B	0	0	0	0	0	0
ACSL1	800.058	539.512	412.679	331.723	290.859	366.176
MIR1262	0	0	0	0	0	0
AMHR2	0.299246	0.54992	0.368884	0.285975	0.326747	0.387595
SCN9A	0.357616	0.375999	0.512167	0.4084	0.63407	0.36138
ELK4	9.89928	8.79133	9.39122	7.86914	10.6299	7.58601
SPTLC2	11.6198	7.14321	8.58536	6.62715	8.15484	7.68946
FABP4	1036.46	1520.47	1073.72	545.351	460.216	253.641
VIPR2	0.742296	1.02819	0.412076	0.766705	0.945545	1.09474
COX5A	214.97	208.864	170.531	212.461	160.194	168.848
LOC338862	0	0	0	0	0	0
ABCC10	4.53035	6.74971	5.47637	4.86187	8.38424	6.71006
TMEM2	7.40183	5.18578	6.19805	6.17331	6.99293	5.78273
DDX56	39.3426	48.6907	31.044	43.3153	37.9487	40.3714
HIST2H4B	6.11025	1.83481	2.70914	4.77215	5.18446	3.80765
LOC10050643	0	0	0	0	0	0
TRERF1	2.76882	3.26771	4.16357	2.96457	5.07499	3.83338
NT5C	40.3937	73.1777	41.1147	59.279	47.1661	42.7324
PDIA3	61.4831	56.3888	55.4891	51.6028	47.9445	48.6962
PCDHGA10	0.576874	0.886567	1.47997	1.10121	0.907173	0.682349
LHX2	2.59886	3.52074	2.95102	8.65908	8.75668	14.1053
FLJ33630	6.16436	4.3482	5.58444	3.57416	3.79739	3.73641
UCA1	0.384987	0.204229	0.116575	0.144599	0.343281	0.383853
OR2H2	0	0.384633	0.164663	0	0.207809	0.203323
PDLIM5	24.4323	14.8402	15.7318	16.9849	13.3432	15.698
LEPR	4.27472	3.30673	5.4009	3.06089	4.69566	3.29146
LOC283788	0	0	0	0	0	0

CEACAM18	0	0	0	0	0	0
ZNF140	10.6433	9.89641	9.23257	9.29527	11.456	10.5434
SPAG1	6.50108	5.74784	7.23373	4.21677	6.51843	6.55669
STT3A	33.6536	26.9492	26.1237	27.282	27.4512	25.7923
PLEKHN1	16.014	23.3124	23.5653	26.1226	36.6428	35.8298
MRPL23-AS1	0.710062	0.965834	1.57122	2.41051	2.43515	2.17837
TRPS1	7.47637	4.4151	6.4743	6.84291	6.07843	7.0002
OXTR	0.534116	0.177087	0.185317	0.0626908	0.0850454	0.388312
SGTA	33.5206	44.5134	34.6208	50.3687	37.7183	40.4631
NPBWR2	0	0	0	0	0	0
TAS2R1	0	0	0	0	0	0
LOC643486	0	0	0	0	0	0
COPS8	16.6183	16.5288	14.3914	15.6891	13.6034	12.2694
IVD	24.3218	20.3322	15.9945	14.963	15.6888	16.0501
ACTBL2	0	0.0316295	0.0270814	0.671833	0	0.535035
CDC14A	4.36629	3.86273	5.10891	2.79909	4.08225	4.2369
MIR4419A	0	0	0	0	0	0
CXorf58	0.0695508	0	0.0526504	0	0	0
FAM72B	1.25352	0.938506	0.836804	0.561749	1.56522	1.10514
NPC2	168.792	184.82	167.662	184.478	174.045	164.081
RASGEF1C	0.783796	0.815274	0.62824	1.77499	1.02777	0.948126
RERGL	12.8462	14.1086	6.30585	9.14106	7.86224	3.56483
LOC286135	0	0	0	0	0	0
RAX	0.309405	0.328268	0.187377	0	0.335005	0.192808
LOC1005076:	0	0	0.053133	0	0.067055	0.0437384
UBXN4	58.0468	45.3517	52.6014	41.7111	52.8103	45.0716
SLC26A5	0.736372	0.313621	0.773716	0.523741	0.590342	0.571535
FLJ40448	0.0475305	0.210118	0.107943	0.0892608	0.181635	0.0888571
RAPGEF3	5.91465	11.6714	10.7283	11.3989	11.0365	7.83118
PTER	7.73125	5.18648	5.71754	4.10698	4.11984	3.93327
C12orf71	0.245597	0.325712	0.557754	0.345917	0.547477	0.459136
AUH	18.8123	13.9002	13.7325	12.8067	13.9929	13.663
LOC1005058:	2.26626	2.89421	2.85928	2.36442	1.60377	1.41224
FAM138A	0.0856799	0.117862	0.0572295	0	0.231762	0.0376885
LOC284865	0	0	0.0694229	0.0861117	0.0292045	0.0285741
LOC1005055(	0	0	0	0	0	0
ALDH16A1	16.6912	27.2542	14.7372	17.7153	24.5843	19.8726
C20orf54	1.97172	1.31568	1.23914	1.64182	1.30319	1.66917
PDIA2	0.366315	0.755704	0.600823	1.03189	0.583271	0.304363
LOC387646	0.118317	0.0920768	0.145545	0.180533	0.574593	0.460812
OR5H14	0	0	0	0	0	0
CBY1	32.8218	35.638	33.1685	40.2391	35.6578	32.9764
LOC1005075:	0.615345	0	0	0.577799	0	0

CCDC138	1.95598	1.27643	1.51594	0.568483	1.42374	1.68322
CPS1-IT1	0	0	0	0	0	0
IGFL4	9.00992	7.5108	6.62568	4.83438	14.2642	7.70002
SMUG1	18.3133	23.294	23.9644	28.4467	19.4253	21.8484
CCL24	0	0	3.3481	0.59328	4.42659	1.18119
ANKFY1	14.4416	12.3832	14.8245	12.4191	15.4521	13.5436
CT45A2	0	0	0	0	0	0
CCDC121	2.62619	2.63053	1.97321	1.20001	2.82555	2.09312
TAZ	27.5732	43.0934	30.0021	38.3894	40.0725	35.9624
LOC10050667	2.83304	4.77572	3.97071	4.52892	2.2595	1.9348
ABCB11	0.343987	0.339912	0.19913	0.227999	0.128875	0.163921
LOC374443	2.38639	1.83765	1.68996	1.40953	1.78957	1.19927
LOC10050607	0.602081	0	0.10518	0	0.0589952	0
HIGD1C	0	0	0.828103	1.02717	0	1.36337
NOP10	135.913	144.861	105.72	123.564	107.471	121.301
LOC10050585	3.54518	4.43348	3.7381	4.52551	3.81289	3.83331
SKIL	6.28356	3.90873	6.43231	4.69583	4.06931	4.80695
LOC10050590	0	0	0.954883	0.39481	0.535593	0
POLR1D	94.9879	134.872	102.034	133.367	123.889	118.424
SV2A	0.768723	1.51466	0.764819	1.01055	1.03516	0.58853
MIR3914-2	0	0	0	0	0	0
XRN1	7.18464	5.48147	7.7748	5.22263	6.91766	5.60522
CHRNA2	1.1258	0.381203	0.19946	0.224917	0.152559	0.164193
VANGL2	19.3989	21.6138	26.8139	28.7734	33.405	30.0088
MIR1208	0	0	0	0	0	0
PIGY	126.933	117.242	106.152	103.814	87.0392	83.2915
KRTAP10-11	1.08302	0.478767	0	32.6832	0.287408	92.3755
KRTAP9-3	8.42754	2.48408	0.359401	123.375	2.47114	1460.94
MAP7D3	3.28846	5.45117	4.62803	3.04677	3.93819	3.33775
PIK3AP1	4.03529	1.704	2.614	2.60145	2.1865	2.50211
EPCAM	29.7067	8.7911	11.2905	14.581	11.1411	12.4305
THSD4	4.28822	3.38939	3.11323	4.80277	5.13332	4.51382
FLJ33360	0.33488	0.51814	0.665453	0.47167	0.719843	0.67822
EME2	3.45902	2.11165	3.05491	2.47464	4.45875	3.79799
LOC554249	1.90397	3.09927	1.53609	1.95747	4.29878	4.00368
DAB1	0.117033	0.137964	0.177189	0.0732612	0.149078	0.12155
C6orf25	5.17019	4.40832	6.14842	5.1388	7.44319	8.1192
LOC202181	2.37479	2.00702	2.64365	2.06582	2.8247	2.17616
BOK-AS1	0.462931	0.832335	0.580606	0.144598	0.691578	0.388417
PPT2-EGFL8	9.77934	13.2538	11.5726	10.8759	15.0046	16.4956
SLC7A14	0	0	0.007043	0.0174722	0.0177768	0.00579771
RNFT2	0.621134	0.488631	0.314986	0.391077	0.351995	0.313362
KCNK3	1.39762	0.628684	0.111369	0.299307	0.249868	0.183355

RCCD1	8.87918	10.7924	10.404	11.6327	12.7962	13.9179
BOD1	23.882	29.9022	27.0778	29.9685	27.5832	26.5713
SLIT2	4.11171	1.53338	4.95654	2.47023	3.32621	2.33152
LOC727751	2.45396	2.21767	4.47773	4.25689	3.67443	4.7572
CPT2	22.0485	20.5423	15.5991	14.3538	15.9472	17.574
FYB	4.70068	2.80732	4.21417	1.77097	4.89809	2.71097
NPAS1	1.4131	2.36489	2.40688	3.17504	5.14293	5.09482
FLJ44790	0.400481	1.035	0.443089	0.433898	0.686723	0.422337
OR10A4	0	0	0	0	0	0
LOH12CR1	6.06817	5.80128	4.59364	6.20749	4.96461	6.33312
TBXAS1	2.33927	1.49322	1.10342	0.817295	1.36577	1.45943
FLJ32063	0	0.0265542	0	0	0	0
RAG2	0.216888	0	0.195702	0.446402	0	0.405467
S100A7A	13.8039	6.1023	0.120309	0.234504	3.71629	0.170098
PBRM1	11.4028	8.87525	12.2069	8.49948	10.0735	8.89693
LPPR4	1.35399	1.42588	1.98904	1.29743	2.11712	1.69942
TMEM132E	0.022212	0.314215	0.134517	0.0834268	0.0990286	0.17994
AMBN	0	0	0	0	0	0.0326272
SIX2	0.713693	0.631003	0.936468	0.536117	0.393948	0.177897
ACSM1	54.5862	1.15508	0.380381	0.613368	0.608063	0.814125
PURB	13.6525	11.0018	12.8359	11.2146	12.3527	11.034
FBXO36	2.6969	1.88244	2.82059	2.26578	2.59911	2.47667
C1QL1	0.287145	1.20591	0.597769	1.14591	0.685817	0.357874
EPOR	2.19496	3.04041	3.26218	2.76371	2.50479	2.17612
LOC286186	0	0	0	0	0	0
NSUN5	13.253	22.9134	14.1585	19.9301	19.5485	17.666
CCDC114	0.153519	0.298609	0.650801	0.922569	1.17332	1.47326
C17orf53	1.50981	1.79016	1.19862	1.62488	1.89887	1.62857
NTNG2	0.545371	0.425456	0.388564	0.481972	0.817294	0.199913
SUCNR1	0.835705	0.397857	1.50859	0.0603626	0.859813	0.280418
MIR520D	0	0	0	0	0	0
LOC645638	40.2594	33.6553	48.2359	31.8341	63.2554	55.5994
OR52I1	0	0	0.0459294	0	0	0
LOC10050684	2.85712	7.57827	4.75829	5.54444	6.06573	3.32349
RHOV	63.0272	80.1384	63.9753	112.898	78.3526	84.6862
FOXRED2	5.10247	4.49413	4.30318	4.5361	4.81904	4.37626
PCDHGA8	0.397891	0.181094	0.63927	0.558424	0.30653	0.315909
GABRA4	1.79627	1.2023	1.31434	0.899126	0.838948	1.03231
GMPPA	23.6575	28.7129	20.8545	24.2528	25.958	23.4017
MGP	166.551	130.249	199.942	143.796	178.931	163.472
HECW1-IT1	0	0	0	0	0	0
L3MBTL2	15.1894	15.5464	15.2618	17.4311	15.2287	14.7753
TGFA	9.3004	6.30628	8.52666	9.37216	8.4035	8.60551

GDF15	0.347031	0.276917	0.404395	0.803897	0.662992	0.616497
GALNT2	15.6318	15.1277	15.3718	14.2085	16.4502	16.19
AAMP	62.5534	71.3806	63.595	66.9708	65.3461	63.6805
MIR4257	0	0	0	0	0	0
MRPS26	68.6104	106.775	63.3768	85.0229	58.3119	64.586
TMEM139	8.12126	7.6837	5.57194	6.76556	5.24961	5.77054
SPATS2	7.85854	9.68167	9.67437	10.4516	10.437	9.89055
LOC10050548	4.65422	7.94132	5.70597	6.62498	5.00407	4.79637
DSG3	33.0759	28.0677	24.1996	32.6771	23.3573	28.4191
DPP6	0.119097	0.190868	1.4321	1.03141	2.66071	1.03994
SERPING1	171.991	167.121	155.708	103.489	152.84	97.861
PVRL1	72.4273	62.4556	86.7819	87.8835	103.242	115.425
CDA	37.2598	45.4194	25.9569	40.3331	27.5942	42.8119
DDC	1.47012	0.567833	0.298738	0.237151	0.328422	0.283298
MRPS24	101.674	126.327	85.376	132.102	81.269	90.4018
SLFN12	2.33085	2.58535	3.07979	2.26822	2.10533	1.29403
LOC10050640	0.889288	0.909523	0.2931	0.566771	0.267438	0.400558
NIPSNAP3B	3.36113	5.625	3.54397	2.25432	2.6759	1.53348
OR9Q2	0	0	0	0	0	0
ZNF782	2.44214	2.05386	2.41234	2.06941	2.40899	2.11572
SLC4A10	0.0774648	0.0152193	0	0.0646556	0.0493378	0.0482728
HELLS	1.34365	1.92338	1.42886	2.07274	1.18179	2.13314
SCYL3	7.8375	6.50294	7.28364	5.67433	7.80712	7.71373
ARNTL2	6.34749	2.71091	5.37518	1.61632	4.3511	3.31859
CPZ	8.94506	6.03047	16.7222	3.6283	6.92645	6.03477
LOC10013120	0	0.0297604	0.0254811	0.0316066	0	0
MTHFD1	14.6404	13.2721	18.3202	12.434	13.0871	12.0043
F8A3	3.8229	5.28016	4.5984	4.22925	4.0858	3.74245
PSIP1	21.3839	19.4046	20.3155	18.2974	23.2333	17.0836
ZNF540	4.35347	4.70375	4.53866	3.34876	5.50039	4.28767
COPS7B	27.5402	32.6355	29.1715	30.9236	38.3157	33.4755
TRMT61B	10.0318	6.61289	8.49093	8.36603	8.86902	6.683
CNOT8	35.7162	31.7578	33.2578	29.0679	33.6036	29.6335
EMP1	92.7256	84.6603	124.957	102.427	94.4193	92.0925
C20orf29	6.83234	7.25513	6.77635	7.75364	6.05757	6.71249
MED20	8.19454	8.29041	8.24022	7.84767	8.20523	9.14595
LOC10050756	0.307477	0.407777	0.523714	0.72179	0.244792	0.431115
ARID1A	14.6188	12.1847	14.1152	13.0975	16.1547	14.5992
LOC10050570	1.41813	0.38879	0.943507	0.383956	0.613621	0.648205
ZBTB17	9.85936	15.0171	10.6858	15.9135	14.5439	13.2517
LOC10065296	2.37398	4.30583	1.67219	6.86512	2.54387	1.71464
FAM75C2	0.05204	0	0	0.0488647	0.0838971	0
SNORA70D	0	0	0	0	0	0

TRAF5	9.43954	10.1023	7.68425	6.99947	8.19848	5.50083
NDUFS8	114.592	156.678	96.1087	146.113	95.4512	112.771
USP17L2	0.0669432	0	0.0791818	0	0.00710608	0.0185405
NCF1C	1.51313	1.84072	0.901236	0.6553	1.67277	0.818617
MIR1244-2	0	0	0	0	0	0
SORCS2	1.01154	0.936264	0.873426	1.35053	1.07712	2.39336
LOC10013215	0	0	0	0	0.514007	0
PYCR2	26.152	33.7172	28.7272	29.4207	33.2332	30.2989
LOC10012974	0	0	1.66E-07	0	0	0
GCM2	0	0	0	0	0	0
CEP72	1.55093	1.48242	1.77696	1.81053	1.70862	1.41053
ZSCAN5D	0.429715	0.633212	0.1506	0.0672493	0.124173	0.0892601
TAF10	66.6734	105.678	63.7141	104.533	69.096	66.2707
KRT18	61.0645	16.6996	23.4114	46.4214	32.1912	28.1906
CRYBG3	4.84175	2.51851	6.61824	3.65828	5.07146	4.95006
POMT1	14.407	20.1228	17.6147	22.8949	23.9978	25.5652
ISLR	25.1184	29.4347	38.6724	30.2107	35.2826	24.5954
DCT	7.50605	15.736	15.9138	15.3852	12.6578	11.0085
PRPSAP1	23.452	17.3868	22.6721	24.2838	18.7463	18.4221
VN1R4	0	0	0	0	0	0
MYOZ3	0.367093	0.326774	0.343488	0.347046	0.504183	0.300265
EIF2C2	1.37687	1.61544	2.57288	1.53012	1.50288	1.71544
PAX3	1.38238	2.27273	1.38977	2.01026	1.51031	1.63669
MIR4294	0	0	0	0	0	0
CPM	14.1134	12.0428	13.4328	10.8034	8.6814	9.41922
ABHD14A-AC	0.00011398	1.38E-06	1.24E-15	0.643799	0.00106242	9.54E-06
MPV17L2	9.26441	10.7552	7.92798	10.212	8.3634	7.78125
VASN	13.4245	12.0265	19.5162	13.9094	13.9252	17.3525
LOC10065275	0	0	0	0	0	0.0366161
LOC729862	10.4557	12.0887	22.223	20.0131	16.6483	13.7829
DGCR2	41.4806	46.3967	48.3082	55.295	57.9544	56.5558
FAM174B	12.8363	6.58652	6.62272	7.7843	6.25331	5.40413
MIR548A1	0	0	0	0	0	0
STX6	15.6309	14.2918	14.9525	15.0982	13.7362	16.1676
TRAPPC6B	16.123	13.6842	15.9914	11.3192	17.9325	14.367
MIR4674	0	0	0	0	0	0
TMEM169	0.732558	0.854303	0.731462	0.550849	0.410797	0.292943
MIR1302-7	0	0	0	0	0	0
MIF4GD	15.0828	19.1449	19.6589	23.3419	22.2351	16.4073
B4GALNT2	0.530127	0.205049	0.854652	1.41785	0.81389	2.52983
E2F4	40.671	48.6373	32.122	39.7979	40.149	38.5199
C6orf127	2.10949	0.310847	0	0	0	0
BAI3	0.527555	0.210646	0.450893	0.35155	0.35768	0.212097

ST6GALNAC5	0.761601	0.628469	0.345922	0.953508	0.388054	0.253119
C6orf211	10.8818	8.96348	10.4896	5.69701	9.12459	6.90306
LOC84989	0.164913	0.072929	0.189314	5.06E-133	0.21785	4.41E-134
SIPA1L3	5.79604	5.60754	7.14789	7.39407	7.17882	7.57156
UBE2L3	37.7781	38.3029	29.7289	38.3096	28.1128	29.7216
FRAS1	0.742618	0.524222	0.870417	1.03468	1.09802	1.02343
SFT2D2	6.04195	5.21472	7.18739	5.80838	5.86385	6.54408
KCNK17	0.273323	0.0604135	0	0.0641613	0.0435201	0.0425807
SQSTM1	127.566	153.262	114.671	123.357	120.333	112.044
RHBDL3	0.24904	0.532115	0.235656	0.389741	0.806293	0.814754
RILPL2	8.39266	13.5035	11.9053	9.58448	11.0278	8.481
GAGE12J	0	0.0333516	0	0	0	0
C16orf87	3.86974	2.86279	4.1251	2.52129	3.37005	4.28157
GPC1	73.9249	133.61	113.2	143.912	177.481	138.677
SMCR7	7.45099	8.50083	9.24514	10.1806	9.07488	10.6837
LOC10050566	5.41206	11.55	12.856	23.1315	25.7929	19.0725
ITLN1	4.96033	0	0	0	0	0
LOC10050585	0.779696	0.886317	0.590234	0.313767	0.78036	0.277642
PCDHA11	0.112126	4.78E-20	0.111945	0.28719	0.0218284	0.0332767
LOC440288	1.41418	2.14373	2.18182	3.54168	1.60553	1.76596
ZNF474	0.158876	0.32776	0.200451	0.248637	0.134919	0.264013
MIR1915	0	0	0	0	0	0
PTPRN	0.0276322	0.0977238	0.0209177	0	0.0703973	0.0774877
FAM135A	9.28806	7.40781	10.7094	6.25647	8.95218	8.31199
C19orf10	74.5762	79.1032	74.7439	86.7037	58.6699	70.8091
SNORD51	0	0	0	0	0	0
MGC11082	0.867192	1.91679	1.09411	0.949992	1.28874	0.540397
EIF4A1	167.369	182.389	146.581	172.102	148.616	147.983
PIH1D1	45.9844	59.3237	38.8739	44.6907	55.7834	49.5618
ETAA1	7.57848	6.16863	7.19395	5.08291	9.09809	6.48418
ARHGEF10L	18.0386	18.0478	24.4651	25.1752	24.738	28.3141
TACC1	17.6568	17.5818	22.0824	13.7291	18.3074	12.469
MIR4729	0	0	0	0	0	0
ACAT1	46.9679	38.0903	42.4916	31.6688	35.2919	30.6237
FAM71E1	1.06481	2.80049	1.83651	1.55229	2.33309	2.07135
ZNF76	12.5639	15.9931	15.3264	16.1324	17.9322	15.4228
SLMAP	17.2908	16.529	15.3317	17.0187	15.2471	12.8533
LOC10050673	0.201732	0.0668845	0.171801	0.0473558	0.128484	0.0942832
RAB3B	1.16906	0.400525	0.75777	0.731828	0.714663	1.18156
KRTAP19-8	0	0	0	0	0	0
AGMAT	0.188359	0.444093	0.095059	0.0884329	0.259928	0.293443
H2AFY	90.1099	89.359	75.0409	82.8381	80.7028	84.2277
LOC340073	0	0	0	0	0	0

KLHDC3	56.048	73.8968	60.9293	70.1138	63.8434	66.1527
LOC10050611	2.64817	4.16239	4.51053	5.31854	4.07603	2.10862
KLF14	0.216538	0.510532	0.382481	0.338876	0.137914	0.359833
IGFLR1	6.29944	10.8066	6.69043	7.59248	16.348	6.62069
MGC27382	0	0	0	0	0	0
GNAT1	0	0.0362534	0	0	0	0
CCL2	28.8335	59.992	29.0157	15.2394	38.5979	11.9427
PPP2R4	107.877	118.421	77.7942	96.8394	80.3529	89.2438
ABCA10	6.87133	6.17947	7.28276	4.69991	9.47864	6.21133
BCAR1	12.7587	17.2485	15.0117	19.4519	14.953	13.5106
ERCC5	17.8534	19.3542	21.076	18.416	21.6588	18.4248
ATP10D	8.24405	5.62763	9.09656	6.40071	9.03563	8.7589
CBX2	2.23064	2.71103	2.06062	2.73221	3.00251	3.69117
EPO	0.165453	0.511992	0.438372	0.621433	0.474202	0.515518
SOX13	14.1583	12.391	9.46867	11.3406	11.6679	10.343
P2RY14	2.43607	1.47227	3.10369	0.95448	3.46432	1.03769
KCTD3	19.3176	15.5866	17.3678	12.147	14.6123	12.6259
COX7B	503.303	429.446	404.436	437.427	338.081	378.015
SLCO4C1	6.39893	4.43041	6.24946	4.19747	3.50149	3.26865
SNORA39	0	36.5372	31.2835	0	0	0
ZNRF2	8.52996	6.30985	7.72715	6.16731	7.47912	8.23904
LOC728316	0	0	0	0	0	0
PIGG	12.2438	13.7701	13.1879	13.6703	14.091	11.4776
FAM96A	29.4259	26.9756	28.2862	20.534	24.6031	24.3882
LOC10050704	0.37618	0	0	0.355498	0.239969	0
MCF2L-AS1	1.27556	1.82179	1.63411	2.85614	3.06218	3.17951
MIR92A2	0	0	0	0	0	0
PDCD2L	5.37946	6.22627	5.1829	6.42883	5.04587	5.18075
MTHFD2	12.2045	12.1134	10.0176	9.92312	9.02879	9.29535
CTDP1	8.27552	10.977	11.5209	15.1133	13.655	11.6841
SOCS3	6.04335	9.97388	9.64878	3.02646	7.72142	3.08124
KIAA1383	0.598704	0.435924	0.599852	0.363759	0.594407	0.38406
CYP39A1	8.61135	7.09811	6.28117	5.47484	8.22692	11.8504
PAPOLA	44.351	35.3937	36.3013	34.3207	36.5136	34.489
MASTL	5.57484	5.40979	5.63368	4.66193	6.12008	5.10815
USP25	11.609	10.2468	11.3304	8.47625	9.84194	8.71009
GREB1L	0.363585	0.167718	0.29917	0.222653	0.201365	0.157615
C16orf71	0.334893	0.295993	0.534239	0.244065	0.118176	0.416299
MIR518A2	0	0	0	0	0	0
OR51S1	0	0	0	0	0	0
DKFZP434I07	4.30673	2.81187	2.78373	2.58191	4.11448	3.46826
NSMCE2	11.3793	11.2058	10.575	10.4242	13.0218	11.9913
C16orf45	11.8062	12.6167	11.8133	9.95479	15.2647	9.54815



OR56A4	0	0	0	0	0	0
RLN2	1.15858	0.569079	0.552382	0.513878	0.711642	1.01528
ATP5A1	484.729	381.284	397.629	413.366	340.753	352.206
TMCO1	20.7828	15.3863	16.8058	15.7879	14.2229	13.8207
S100A7L2	0	0	0	0	0	0
TAGLN	375.964	399.42	230.225	308.266	265.244	267.057
LOC90784	5.09908	5.69467	5.79004	6.50154	6.71747	7.42538
ZSCAN5B	0	0.173409	0.0673635	0	0.0138799	0.0814817
ZC3H11A	51.9349	49.7555	52.2601	46.3357	58.6511	49.4338
LOC401320	3.65939	5.64522	9.15115	8.76801	6.93315	5.66163
ZFHX4	0.423007	0.439297	0.833584	0.315235	0.401985	0.292889
FAM101B	5.25379	6.12958	5.90422	6.6624	5.6057	5.82221
MIR1-1	0	0	0	0	0	0
MRPL13	32.3581	26.6667	19.6589	15.7082	22.972	24.765
CALCRL	5.01467	5.62735	5.18319	2.68034	3.16931	3.11291
CGB2	0	0.734473	0.668311	1.31582	0.574989	0.550145
MLYCD	9.03934	10.5874	8.60645	8.96907	9.58545	9.11723
ZNF366	0.974981	0.415045	1.01142	0.576421	0.528975	0.495055
MANEAL	8.84653	7.3467	6.23829	7.73949	8.66245	8.18603
ABCB9	2.13788	2.09949	2.61083	2.90792	2.98693	3.27246
P4HA2	16.1855	15.2067	16.133	16.5179	15.882	15.293
ADAMTSL3	0.699725	0.595739	0.980918	0.717867	0.726258	0.710582
MIR4781	0	0	0	0	0	0
KIAA1432	8.49952	6.98378	11.256	7.35062	9.87704	8.7559
HRH3	0.0748572	0.16546	0.0283337	0.0702897	0.166869	0.11662
LOC1005068:	0.257873	0.364792	0.136648	0.0726416	0.147817	0.128556
WDR78	0.86429	0.943647	1.3897	0.76391	1.02315	0.464925
DNAJB1	91.2976	91.0267	93.1425	91.3505	72.6485	85.097
SLC29A2	9.06562	10.285	6.71086	8.58776	6.87249	7.0741
MYEOV	9.61765	11.9676	17.1566	20.9883	12.3078	13.9012
DMRTC1B	0.234484	0.287938	0.0788913	0.220176	0.207422	0.265181
LSM14A	36.7145	34.5245	35.3252	32.7355	34.8788	32.7006
LOC1005059:	0.132686	0	0.301333	0	0	0.330738
LOC1001286:	0	0	0.0225525	0	0	0.0371299
STIL	1.84517	1.97124	1.30952	1.55219	1.40778	1.41244
USP20	10.881	14.4893	13.4992	12.9263	16.388	14.1513
SH2B2	1.03717	1.01353	1.28102	1.17891	1.46023	1.97298
PLXNB1	32.804	48.339	41.6441	49.4407	50.6587	51.1458
FLJ41350	0	0	0	0	0.106044	0.155632
TCEAL4	85.588	84.941	80.7803	80.4394	77.5482	77.9112
OR1K1	0	0	0	0.117654	0	0.0780813
SGK494	3.57262	4.32603	3.84117	3.67065	3.77589	3.87184
SH2B3	5.01259	5.51619	5.11323	2.95423	6.29452	4.13161

GSTM4	20.7641	28.7104	27.5782	31.0047	36.2507	28.2121
KCNJ6	0	0	0	0	0	0.0253271
HERC4	13.9331	12.7383	11.7175	10.0654	12.9771	15.4565
LYST	10.2343	7.98436	11.4763	7.69572	8.67185	9.27084
LOC10050662	1.00332	1.33061	1.29119	0.98921	1.5017	1.09415
ATP5L2	0.631542	0.977147	1.43424	1.48252	1.60893	0.7871
MYO1D	31.376	24.85	30.8956	26.4264	27.118	28.8826
SNORA9	0	43.5775	0	0	62.7839	0
SH3RF1	5.60931	5.46019	5.50495	4.92393	6.09786	5.47664
PDGFB	12.0517	9.89859	9.41021	10.5498	8.89223	8.57539
ARL8B	61.0537	46.7649	57.5393	56.5466	54.0536	55.7511
EPN2	27.8934	31.3752	36.8574	36.9225	40.3071	39.9306
FAM48B1	0	0.0166541	0.0285187	0	0.0239942	0.0469525
C20orf85	0	0	0	0	0	0
DDX42	50.1658	51.1205	50.2336	50.7216	52.0283	47.245
PRMT7	12.66	17.0685	18.3451	17.2343	21.2863	15.9861
ACTB	1011.7	1023.44	883.593	833.504	846.499	944.135
C12orf40	0	0	0	0	0	0
PRAMEF15	0	0	0	0	0	0
KIAA1967	31.5952	34.3078	34.1632	37.4458	37.5941	33.2071
SERPINB9	4.08515	4.71201	4.57949	2.7594	4.43665	3.47326
LOC730974	0	0.0688229	0	0	0.0495779	0
HNMT	12.9122	10.5575	14.7141	12.6456	11.1217	8.57838
OR52K1	0	0	0	0	0	0
NSUN5P2	14.5246	21.2032	22.4726	27.7546	34.6921	27.6969
RPL14	502.866	751.921	534.591	874.432	425.577	397.912
LYPD5	23.9331	10.6336	21.785	20.0472	34.4958	40.6674
SP8	0	0.0954648	0	0.0253463	0.06877	0
ZNF2	2.00726	2.29772	1.66279	1.58332	2.77243	2.13765
REXO2	62.5939	43.4457	48.491	45.2254	50.9197	51.7648
MIR133B	0	0	0	0	0	0
HOMER1	2.67645	1.57076	2.847	2.55647	2.60105	3.62326
WDR70	10.4012	10.7787	10.8036	10.7659	10.9075	10.0691
GABRG1	0	0.0124476	0	0	0	0
ANXA6	62.0208	61.8629	67.6479	39.4807	47.6264	35.5516
KRTAP10-3	3.17311	0.935155	0.266896	57.1072	0.561381	208.757
CYP2B6	0.162608	0.201275	0.172333	0.641283	0.393551	1.45916
ARL5C	0	0	0	0	0	0
BMS1P5	1.06117	0.84219	1.90091	1.14944	1.69341	1.43512
METTL7B	11.0159	9.85995	6.60128	6.44426	3.50647	5.25758
SNORA11	0	0	0	52.4638	35.5858	34.8177
SDR16C5	14.7452	13.7016	18.9832	17.4681	20.2819	21.637
PDE6C	0	0.0296092	0.177462	0.0943381	0.149307	0.0208692

ZCCHC7	7.95294	7.52666	9.01649	5.46929	8.22809	7.74801
C11orf44	0	0	0	0	0.0176471	0
FLJ27243	0.370556	0.208794	0.279057	0.347152	0.320627	0.439744
LOC285768	0.0457165	0.0404196	0.155736	0.17171	0.0291171	0.113955
KLF12	1.94145	1.51053	2.22086	1.62854	1.80807	1.80668
C8orf74	0.898674	0.0993189	0.170075	0	0.0715463	0.560016
MIR607	0	0	0	0	0	0
CCND2	16.1517	20.4891	15.9592	18.7241	13.9863	14.3773
CLDN15	6.08969	14.4558	8.28863	9.55367	14.5452	12.296
LOC10050675	0	0.465237	0.0995851	0.123525	0	0.163954
LOC653061	3.02492	3.0998	2.62654	2.31807	2.91745	2.27462
LOC646508	0	0	0	0	0	0
LOC10029374	7.99E-07	0.455128	1.85599	1.80E-06	1.58319	1.4895
FGD6	4.89187	4.35206	5.82037	3.51427	5.75198	4.14482
TMED4	51.884	35.8695	50.0905	48.9329	46.0013	41.0202
CFI	2.98673	4.5688	3.33763	1.95869	5.25388	2.33389
SPATS1	0.309846	0	0.0781849	0.09698	0	0
OR5T3	0	0	0	0	0	0
POM121L10F	0.0641422	0.0819849	0.251821	0.187551	0.10418	0.102887
SH3BGRL	64.6838	57.2695	58.0408	54.1709	66.2659	53.8169
ZNF347	2.36631	2.41707	2.29595	1.8771	2.64842	2.41968
HIST2H2AC	5.80715	4.76758	1.47407	3.27046	3.69861	5.69957
SOX2-OT	0.242365	0.107142	0.0917357	0.151718	0.205818	0.0503438
LOC643623	0.0671494	0	0.0508325	0	0.0213839	0
LOC729911	0	0	0	0	0	0
LOC10028945	0.0860683	1.05E-09	0.923282	0.103452	0.222965	0.300104
ANP32D	0	0.29956	0	0	0	0
ZKSCAN3	3.19076	3.0231	2.39563	2.35499	3.74444	2.97142
KLHL33	0.167936	0.148478	0.169505	0.105126	0.178266	0.174418
HCN4	0	0.0116329	0.00996023	0.0123546	0.00838002	0
ZNF549	3.22132	3.29108	3.50566	3.51764	4.04727	3.22625
C8orf49	0	0	0	0	0	0
NAIP	5.30928	5.41577	12.9835	12.8318	16.5681	16.1994
EPB41	19.7789	18.3389	22.492	18.6196	20.2187	18.4216
CLDN3	21.8619	4.00441	4.15389	9.65062	6.49047	5.8076
LOC10013425	0.463496	0.327835	0.631564	0.957473	0.826568	0.75096
MIR4504	0	0	0	0	0	0
JAKMIP2	0.241274	0.39382	0.359434	0.0277411	0.1129	0.0552313
MAGEA8	0	0.171992	0.233542	0.240918	0	0.14212
ISLR2	0.615639	0.907608	1.08752	0.963756	0.784603	0.810285
SNORD113-9	0	0	0	0	0	0
ASNS	18.0644	22.3088	15.5331	19.2308	22.4071	19.1734
MIR4269	0	0	0	0	0	0

MIR4526	0	0	0	0	0	0
C1orf226	3.53895	2.77434	3.44692	4.06097	3.81662	4.00769
TESK2	7.89195	8.06963	9.19296	9.72133	10.3439	9.15383
ASCC3	8.42616	5.95099	6.18985	3.63405	5.54169	5.47897
CDH5	11.8607	16.0737	11.7811	10.7827	9.59659	8.06699
SULT1B1	0	0	0	0	0.0537001	0
RAB42	0.739693	0.561889	0.876707	0.497729	0.875833	0.396031
GLYCAM1	0	0	0	0	0	0
GABBR2	0.132455	0.0731926	0.0501345	0.0466398	0.073816	0.113493
TMPRSS9	1.5135	0.678808	0.741423	0.90453	1.13249	0.605473
TES	22.01	18.2051	19.2504	22.8336	17.861	15.8471
FYCO1	10.2737	7.11511	11.4088	7.99546	10.0596	9.92571
LOC84931	0	0.0453145	0	0	0	0
DEFT1P2	0	0	0	0	0	0
SNAR-F	0	0	0	0	0	0
CARD8	9.54336	10.9818	12.861	11.9435	15.7931	9.97233
C2orf81	2.2446	2.95655	2.67013	3.6131	2.65497	2.34075
PPP1CB	96.634	61.4076	76.1836	70.0359	70.1196	74.9757
PDLIM4	32.8371	35.0198	30.3102	49.826	37.0074	41.8472
RAB5C	73.3509	76.6898	73.4702	72.4243	70.2331	63.885
CASK	9.51144	6.79262	8.76019	6.59751	7.87053	7.47648
GGNBP2	29.5857	29.9389	32.613	28.6692	32.8865	27.8078
C12orf33	0.277466	0.245318	0.175036	0.260536	0.17672	0.11527
KIAA0284	24.4719	33.5566	30.1865	30.5513	38.4633	34.7754
KIF24	0.845178	0.720036	0.50038	0.807993	0.792478	0.966744
SLC17A3	0	0	0	0	0	0
VSNL1	14.3279	17.2245	15.0599	26.0846	16.7738	24.2483
VTN	0.37833	0.668991	0.286398	0.414454	0.883522	0.746571
SPAM1	0	0	0.0381411	0	0	0
KIAA0408	2.27579	2.23135	2.00499	0.617348	1.37299	0.744102
GABRD	0.917143	1.28787	0.367561	0.759867	0.652855	0.36981
RPAIN	27.4603	30.7487	24.1213	28.7233	30.0557	24.8862
ISG20L2	12.964	11.8174	12.7047	10.616	12.6093	11.0846
EPHB3	29.5581	26.9278	27.224	34.7419	31.3713	41.6338
MRPL42P5	2.44735	1.80316	2.31582	2.29802	2.46799	1.77927
NAGPA	7.07893	11.413	6.75978	9.384	8.89887	8.27477
PDE4B	7.98988	4.25611	4.83514	4.90171	7.84378	4.80988
PCDHB5	0.589954	0.540063	0.702795	0.414329	0.935394	0.657481
POPDC2	2.84041	4.68017	2.98097	3.57634	3.16588	2.61481
ANXA3	41.3572	17.9049	17.7194	21.2999	16.2483	20.0358
CYP4A11	0	0.104712	0.0896556	0.222416	0.176007	0.100455
CEP57L1	2.24513	1.55997	1.57826	1.31829	1.93927	1.49894
LOC10050948	1.59794	0.815075	1.3027	0.923347	1.5266	1.53195

EBAG9	24.2532	18.3807	17.9043	14.771	18.3834	16.6076
OR5M1	0	0	0	0	0	0
PPP1R3E	6.4833	7.80101	8.62944	9.01063	10.5419	7.75917
GPAT2	1.90961	3.54008	0.805537	1.0651	0.588062	0.553056
ATP6AP1	67.2333	64.9419	67.6142	73.0628	74.1342	77.5486
DHX8	8.86793	8.7412	9.23705	8.21814	9.80664	8.26754
CES2	21.6709	25.8837	23.2455	25.0232	24.0676	21.3616
LOC390940	13.3138	11.5138	9.22133	11.0974	12.2504	19.3722
PRRC2C	18.4507	15.8129	18.4048	16.2315	18.3052	16.4191
IFT74	7.22102	6.80489	6.61041	5.60419	6.73043	6.06955
8-Sep	29.8809	27.9958	34.9471	28.8455	38.0845	31.8453
C14orf64	1.55843	1.5747	2.35948	1.81176	1.89062	2.17352
BDH1	51.58	49.7804	24.3929	30.6112	32.7752	37.1218
MIR4295	0	0	0	0	0	0
DCP1B	5.30828	5.86656	6.99499	6.13819	6.44871	5.81945
VMP1	43.094	36.77	33.2279	28.2722	32.9901	32.3367
TLR9	0.504882	0.60262	0.458638	0.49778	0.610968	0.660704
MIR921	0	0	0	0	0	0
EXTL3	11.8341	11.2025	11.6085	12.2756	10.2502	9.81658
CHAF1B	3.263	3.83342	2.80848	3.02194	4.21339	3.20325
F8A1	23.6571	22.3971	15.3726	15.6116	15.3175	12.3581
ZNF565	1.0581	2.2324	1.33321	2.09352	1.97975	1.46295
ENTPD5	4.60777	1.81554	4.05682	1.83411	3.3813	2.77774
MIR4645	0	0	0	0	0	0
LOC1002895;	0.188529	0	0	0	0.0400251	0.183568
FAS	7.97896	10.1281	6.80377	5.22152	8.73303	5.44703
FAM71F2	2.49183	1.74623	1.79792	2.49167	1.98893	2.15159
LOC1005074;	11.0766	11.0458	17.355	13.9079	19.0313	19.985
SYNPO2	8.99692	9.20846	8.96537	6.27019	6.91515	5.91802
CSH1	0	0.0579893	0	0	0	0
ZNF571	1.81351	2.4399	1.73239	1.45215	2.03764	1.86646
CLDN8	19.254	7.30771	9.15029	11.978	8.91576	10.7776
LOC1001325;	0.350153	0.232188	0.242979	0	0.0371691	0.0727335
NT5DC3	1.89846	2.20302	1.97607	2.89676	2.27553	2.01281
PPPDE2	20.8045	22.6184	21.2721	22.9483	21.1319	17.5912
KRTAP24-1	0.64285	0.227347	0	11.5293	0.0409435	10.8962
C1QC	24.2095	16.1106	13.994	5.43823	17.8989	7.87204
FNTB	7.1057	2.81784	5.13666	2.44155	5.10078	3.82489
SPTBN5	4.7986	5.88645	6.29143	7.72712	5.24067	6.81019
PADI2	27.516	7.5914	13.8921	19.195	9.77551	14.3606
PRPS1L1	0.421621	0.279578	0.31917	0.197948	0.0671333	0.197052
LOC729164	0	0	0	0	0	0
ZNF259	13.8702	16.0203	14.0295	14.2431	13.7209	13.6822

GCLC	17.669	19.83	15.8602	15.5077	14.5562	16.37
PBX2	39.1463	45.0864	38.6267	42.8551	51.0018	45.5859
WNT8A	0	0.0635678	0.0544273	0	0	0
7-Mar	34.7734	25.077	34.8692	25.887	31.5049	32.2211
COMMD3-BN	9.34384	10.5564	12.2106	11.4265	10.6982	11.3016
ZNF134	6.35322	4.97516	7.00801	5.07073	6.0696	5.00538
ACRBP	0.607292	0.8298	1.00303	0.725757	1.47683	1.27293
C6orf228	6.42877	4.29937	5.98968	5.22391	5.51186	5.22596
CRYBB2P1	10.7213	14.3324	14.1393	18.4965	7.77177	9.12826
LOC613126	0.0862714	0.15318	0.0881273	0.0818399	0.11147	0.0905508
AMPH	1.27462	1.02192	1.60778	0.759358	0.83858	0.652865
WDR4	5.08167	4.93884	4.91685	3.84457	4.5007	5.1521
LPGAT1	8.1701	6.39332	8.46488	6.05712	6.21323	4.24018
USP28	6.55933	5.48536	6.29379	5.15874	7.19783	6.2484
B3GNT3	4.3829	5.21019	1.08737	1.17585	0.492616	0.436079
PIAS2	5.84134	5.21008	5.32124	4.28071	6.29774	3.72888
PXDN	7.40303	10.4107	11.0497	5.61352	7.02807	6.91118
DPP7	58.3405	112.043	70.9282	96.2578	94.5419	79.8724
RAC1	120.587	126.301	134.517	152.468	127.948	116.463
MMD2	0	0	0	0	0	0
UBE2QL1	3.27647	3.7797	4.09841	4.67344	3.42832	3.85017
IPO5	25.8553	22.0101	24.452	19.6606	18.7819	19.2363
PEX1	11.9128	9.51451	11.9514	8.94041	11.9874	9.80146
C18orf56	0.881988	1.58211	0.111259	0.699991	0.666356	1.1897
MCEE	31.6294	28.8775	23.4462	19.829	22.1474	25.705
PCDHA4	0.0513784	0.0705933	1.30E-21	5.40E-27	0.146844	0.0564566
FLJ23867	29.5527	18.6938	23.6506	27.2313	30.1423	34.9855
TGM3	19.2243	13.021	30.7795	21.6756	23.3902	23.726
HCG11	5.42872	4.76992	5.92186	3.95766	4.87496	3.95026
LOC10013329	0	0.0512011	0.0438388	0	0.0368837	0.0360876
VN1R2	0.168321	0	0	0	0	0
SNORD116-3	0	0	0	0	0	0
KCNN1	0.188905	0.167018	0.0572009	0.248331	0.192504	0.164805
CALCA	0	0.116309	0	0	0	0.0819772
GRIK1	0.505843	0.456647	0.469801	0.663573	1.00672	0.544
SCEL	82.0644	55.6984	136.235	68.6104	130.549	118.452
OR10R2	0	0	0	0	0	0
BHLHA9	0	0	0	0	0	0
SPA17	2.76296	3.26662	4.62764	2.75384	2.59478	3.42336
SLC25A24	10.5234	8.07218	10.0868	6.29076	9.6853	7.33385
MAT1A	0.983702	0.716246	1.59885	1.30402	0.571244	0.955561
INF2	25.646	37.4627	38.1598	39.0786	39.1417	39.9041
LINC00338	7.35074	10.8752	7.643	10.2778	11.2946	8.70107

PPAP2C	31.3435	42.4658	32.9535	54.7808	41.6795	40.3005
HTN1	0	0	0	0	0	0
RBFOX1	0.246362	0.196685	0.150422	0.186582	0.357172	0.258778
LOC10050750	1.32636	2.21508	1.85938	1.98347	2.0337	1.74491
ATP6V1F	97.5356	106.849	104.816	118.157	110.865	109.041
KCTD1	47.4805	47.6129	45.5812	50.0267	43.0195	42.4146
DTNA	7.38141	4.93196	2.85895	2.53796	3.3655	2.53602
OR52A1	0	0	0	0	0	0
PRH2	0.338712	0.328742	0.308018	0.410045	0.472538	0.322587
ABCB7	13.1677	12.919	11.3507	10.6891	10.5779	10.1379
MIR4661	0	0	0	0	0	0
C15orf38	11.7142	10.2604	13.1146	9.97391	9.94884	10.3325
LOC728728	2.66067	3.86914	3.46401	3.66756	3.08723	3.21481
UBAC2	34.7714	34.2714	36.5333	41.6298	38.8568	36.1797
TCHHL1	1.3889	0.0240779	0	0.588147	0.03469	6.43186
NXT2	9.39684	7.27058	9.68677	6.52874	8.03343	7.80638
FAM90A25P	0.353469	0.1823	0.156087	0.189658	0.432269	0.314667
USP9Y	6.35826	5.54684	0.00710966	0	0	0
OBP2A	2.52836	2.5824	5.00692	9.86162	4.95565	3.27234
ZNF768	19.55	29.8698	20.4199	27.2676	24.875	29.3481
CNTN3	1.36996	0.682386	1.70898	0.960252	1.16748	0.985968
SERPINB2	10.2446	10.3102	25.2864	14.2833	23.367	19.5612
LOC644246	6.30264	8.75662	7.2703	10.7089	6.69031	7.294
SAP25	7.5606	16.3838	13.8035	25.3347	22.5662	15.7048
COMTD1	30.943	57.2191	29.6093	47.1338	34.624	38.3884
SUSD5	1.46399	1.10703	1.89569	1.28423	1.84031	1.41646
BUD31	51.809	64.8137	47.7074	59.2871	49.8097	55.7426
LOC10050637	1.01328	1.12602	0.50817	0.913101	1.26067	1.34901
SKIV2L2	16.1851	11.2023	15.7296	11.6416	13.6367	12.751
MPPE1	16.4405	18.4793	19.9853	21.4218	19.5734	17.2457
METRN	10.3062	9.85592	9.71249	19.3547	10.5159	14.221
CSRP1	357.764	313.166	174.143	293.568	203.916	224.795
PRAMEF9	0	0	0	0	0	0
CHIC1	2.27442	2.13277	2.40001	1.9415	2.70404	2.08733
MAN1B1	24.1656	34.8529	30.0357	36.1542	34.3168	34.4825
GGA2	21.217	22.3291	20.8531	23.5488	25.3628	21.3801
SLC22A9	0.262098	0.231731	0.19841	0.205088	0.111288	0.3811
RN5S15	40.8616	129.438	27.0659	224.09	45.0015	39.8157
RBM43	4.71439	2.84494	4.49407	2.59983	3.70164	3.17097
MIR2392	0	0	0	0	0	0
OPN4	0.0427493	0.0377962	0.145633	0.214095	0.356451	0.191815
SEPSECS	4.70701	4.70251	6.50902	4.40386	7.90066	5.65464
CA14	0.907979	1.28444	0.45823	1.30729	1.2337	1.32023

PDCD6	81.0936	97.137	81.5735	79.7274	85.7547	80.2027
MIR219-2	0	0	0	0	0	0
TMEM179B	50.1892	59.0058	44.0989	53.1312	49.8643	44.7004
RAX2	0	0.0420452	0	0	0	0
LOC10013344	4.32078	4.1555	5.41993	4.83304	10.0546	6.09218
SAA3P	0.215874	0	0	0	0	0
LOC10026816	0.611608	0.738181	1.11321	1.18547	0.38345	0.411286
TTC4	14.6957	15.7401	10.1193	14.3312	13.8711	12.7054
MTRNR2L4	0	0	0.068724	0.0852447	0.289104	0
ZBTB49	2.6042	3.22944	2.45784	2.28652	3.98502	3.0349
EP300	13.5614	10.7396	13.9442	11.4869	14.6478	12.959
LOC10037921	1.31813	0.362227	1.24216	0.703088	0.60902	0.995986
MIR4721	0	0	0	0	0	0
ISM2	0	0	0.181151	0.160429	0.193538	0.147874
MIR3686	0	0	0	0	0	0
TCEAL1	15.8702	20.079	19.3233	16.8372	18.473	16.4847
EPPK1	3.22916	2.40423	14.7197	4.28426	7.50226	5.62134
DCLRE1B	2.16916	2.37447	2.20897	2.15805	2.08878	1.67357
ZNF167	0.85296	1.68232	1.24491	1.07435	1.51936	1.84573
FLJ45983	1.4323	2.04108	2.99696	1.64796	2.67521	3.34127
SLC39A14	8.28513	6.54166	6.3811	6.03792	7.44668	6.03626
SNORA6	87.1754	38.5375	32.9961	61.3923	13.8806	54.324
LILRB5	3.36346	1.66071	3.38088	0.974389	3.33109	1.70603
LOC10050759	91.4805	162.373	65.7802	153.36	63.5253	39.3992
CGB7	1.66401	6.18034	2.15226	5.25177	6.79192	3.04172
PSG4	0.317337	0	0.319734	0.506599	0.0191009	0.0373775
GALNT9	0.0468106	0.3254	0	0	0	0
C15orf34	0.562341	0.862666	0.653185	0.633636	0.525573	0.771373
SLC24A4	0.128069	0.139011	0.185468	0.129371	0.180927	0.353701
PTDSS2	12.2461	18.7282	12.0264	15.8887	13.623	13.9992
PLA2G7	19.1818	15.4003	12.9676	12.4359	9.73396	10.2334
RUNX3	10.6712	9.73923	8.52604	15.5227	8.76024	7.17813
FLJ37644	2.81571	3.27105	2.47856	3.59695	3.23222	3.06041
SERHL2	169.077	8.56937	5.43055	18.7633	7.84775	4.05583
WDR63	0.198274	0.701206	0.550347	0.465441	0.231517	0.288297
SPINK7	18.7051	6.32332	3.74821	4.90754	0.175197	10.4563
PPP1R9B	20.5334	27.689	21.5027	19.4387	26.3856	20.6708
TRRAP	5.28759	4.82661	6.85377	5.063	6.70214	6.11132
SLC25A46	19.3608	16.3834	18.9571	13.5833	17.0908	12.664
DKFZp566F09	0.29159	0	0.441471	0	0.185716	0.363414
SNORD115-4L	0	0	0	0	0	0
MIER2	16.1196	19.5043	16.2336	20.7483	18.0186	19.0969
MIR4647	0	0	0	0	0	0



LOC645722	4.8794	11.463	5.61886	4.65914	4.80114	6.24869
MTCH2	52.1653	42.9323	39.0456	38.7264	31.9013	33.4523
LOC399744	1.92527	3.39102	1.49421	1.58927	2.5262	2.26842
GBX2	0	0	0	0	0.104908	0.0513217
RAB1A	98.1053	79.2833	75.2178	67.9921	65.5532	68.1966
GLOD4	44.1924	45.1568	38.233	38.75	41.4046	34.3392
LOC1005067:	0.219259	0.775421	0.165981	0.874994	0.418942	1.12722
CBX5	13.0849	11.8842	13.2699	12.9932	15.1634	11.3869
SPON2	25.5451	33.9087	37.6028	47.8546	32.1881	30.6085
PARVA	16.5581	13.805	15.8695	12.7255	11.8866	11.0148
TOR2A	13.3503	18.3757	12.4635	15.6159	16.2241	15.6299
LOC1006527:	0.289418	0.992636	0.424754	0.7329	0.379111	0.269438
LAMB2	33.9191	43.0438	45.3593	41.0977	45.5497	38.7991
ZNF695	0.204587	0.112796	0.189432	0.240745	0.245472	0.315246
ST3GAL5	14.1959	15.2157	17.2427	15.0876	18.3748	13.6241
C10orf93	0	0.0594457	0.152694	0	0.0428229	0.0418985
GAPDH	788.543	951.222	657.958	1026.05	806.805	796.948
FTL	707.484	1130.6	1228.09	1037.06	853.034	574.283
HNRPLL	9.35324	9.09615	9.10708	8.00569	7.66217	7.1061
TIMM13	34.5153	49.4418	33.4755	46.7231	34.3181	36.2163
LOC1002875:	0.76127	1.34935	0.670352	0.354614	0.480586	0.471601
CDX1	0.355496	0.157154	0.269113	0.111268	0.415099	0.22153
FAM185A	3.6516	4.08408	3.57654	2.53558	3.35267	3.28145
DSCR10	0	0	0	0	0	0
KLHL17	4.04549	7.60496	6.00598	7.78169	8.55531	7.7832
LOC728503	0.135857	0	0.0514224	0	0.173057	0.0423303
MIR4657	0	0	0	0	0	0
HPSE2	1.33609	1.52493	1.9861	0.843936	2.04181	1.42321
SERPINB13	22.436	15.572	11.8018	14.5804	15.6175	25.8486
TOP1P1	8.07687	4.38034	5.38935	3.90941	5.43592	4.92939
SUMO1P1	0	0	0	0	0	0
LOC1005055:	1.42558	1.66554	1.81146	1.91228	1.81592	1.39599
SNX32	0.185738	0.87583	0.187473	0.581351	1.30128	0.578721
DPP8	5.14988	3.13589	5.63584	3.46031	3.93919	3.5598
UBXN7	3.14022	1.24396	3.39595	2.08701	3.1429	2.17287
LOC1001295:	0	0	0	0	0.0424742	0.0207787
ELTD1	10.3542	8.89093	7.44834	4.93757	4.50577	3.3275
RPP21	29.4558	59.9334	37.9792	55.9497	47.6189	45.2088
LOC1005072:	14.3949	20.8684	17.5768	22.0092	21.4157	13.9911
LOC1002890:	0	0	0	0	0	0
IL1RN	44.0517	41.4616	48.6965	54.4013	67.8489	60.1839
LOC1005056:	2.95829	7.19272	2.7993	2.08334	6.59453	4.14783
ATAD5	1.65263	1.71821	1.67965	1.49432	1.65682	1.42081

C17orf59	11.1312	14.5463	10.2761	13.7151	12.692	11.6398
PHAX	10.4224	8.66717	10.1324	7.28294	9.10806	8.76042
PLA2G2F	25.2393	19.1551	18.4648	26.5709	26.7918	42.5233
PCOLCE2	10.42	17.0323	26.1651	11.6933	8.51423	5.47972
RPS25	1107.85	1787.21	1828.2	2291.27	1629.93	1605.92
ZNF780B	3.45112	3.02231	3.54674	2.35864	4.21523	4.25355
ZNF674	2.0813	1.69219	1.44857	1.39314	2.17654	2.1612
LOC1005066:	0.927924	1.26057	1.07931	0.796622	4.47199	2.58296
UBA3	42.2442	40.6739	46.138	38.7594	42.134	37.7494
LPO	0	0	0.231034	0.450933	0.0233643	0.25997
EFEMP2	22.3208	32.1914	37.355	27.037	37.5363	27.0101
ABCG4	0.597626	0.625368	0.371385	0.486073	1.10742	0.677471
LOC400590	845.922	1361.31	958.845	1572.87	1010.08	959.816
PPP1R14C	33.3717	35.4988	52.7994	47.4372	55.6093	60.8897
C5orf50	0	0	0	0	0	0.0637897
NIT1	24.6692	26.3953	27.1227	29.1799	30.8683	31.0304
IGSF10	4.24709	3.00029	7.88544	2.51935	5.84262	3.8455
CLIP3	6.2359	6.8734	4.91162	4.47328	6.67044	4.49848
LOC10065298	0	1.05797	1.35876	0	0.571596	1.11852
LOC284600	0.142605	0.605197	0.496584	1.04445	1.2534	0.835337
CDK12	7.38295	4.97081	6.98669	5.77268	6.2417	5.28788
CD40LG	1.93855	1.0082	0.388455	0.642449	1.70676	0.568482
C17orf82	0.0701492	0.248086	0.106207	0.131738	0.134035	0.43714
HSD17B6	0.355612	0.880347	0.861441	0.400697	0.860667	0.709127
LOC1002873:	1.45684	0.805031	0.896056	1.45345	1.10185	0.851103
MYF6	0	0.0726209	0.186536	0	0	0.0511847
TTY3	0	0	0	0	0	0
KLHL15	2.07045	1.4806	2.20119	1.48668	1.88106	1.16689
LOC282997	1.33257	1.99384	1.55195	2.69503	2.08916	1.59693
PLEKHG5	18.0739	32.2348	58.439	41.7278	53.3146	39.3577
PIGU	9.52761	10.8953	9.71737	11.0891	10.3195	11.3767
LRR1Q1	0.123522	0.0156015	0.106865	0.0828464	0.0674329	0.0549811
CXorf69	6.35459	5.74181	5.76198	4.58989	5.02574	3.39421
MIR1293	0	0	0	0	0	0
PGRMC1	160.031	105.497	126.993	99.4392	91.6486	105.737
LINC00029	0	0	0	0	0	0
LOC730755	4.57736	2.00293	0.246176	39.3568	0.824187	847.928
LINC00442	0	0	0	0	0	0
USP27X	1.78212	2.39628	1.91119	2.12659	1.91538	2.03599
LOC400657	3.93524	4.60568	4.28633	3.93438	4.34559	3.7578
C9orf117	0.489717	0.38042	0.556077	1.14959	0.428867	0.572195
MIR3147	0	0	0	0	0	0
KIAA1191	53.1219	51.0907	48.227	51.8122	43.4727	49.1279

LOC10065276	1.40881	0.830389	1.42197	0.440951	1.49547	1.46319
PRKCSH	86.7833	108.355	89.0123	109.985	94.9981	93.7677
8-Mar	5.10471	3.45126	7.37207	3.47344	4.93941	5.45284
LOC10065291	3.13271	3.92626	4.2417	4.70376	2.36682	2.73347
IL15	3.58057	3.89016	2.8119	2.08408	4.05497	1.73784
PICALM	85.0751	67.6338	65.7527	51.555	59.7061	54.5779
LOC81691	1.48052	1.98087	2.73569	1.83668	2.1657	1.93812
RTKN2	0.847194	0.482429	0.47828	1.07865	1.44498	1.22588
CAMK2D	11.0158	9.44673	10.3198	7.46803	9.46212	8.77922
EPHX1	93.6383	94.6031	93.3825	87.6166	66.5192	59.6855
NAV1	5.06935	4.38924	5.11167	3.67994	4.36856	3.96726
CXCL6	0	0.0564826	0.0967217	0.0599865	0	0.0398101
CDHR1	48.3731	93.7905	123.879	126.91	90.9078	69.8334
KCND2	0	0.0637591	0.150126	0.101572	0.126308	0.0898775
LOC255411	0	0	0	0	0	0.160416
LOC10050563	6.79501	9.45332	8.62353	9.19529	13.8744	11.0841
WARS2	7.90531	7.41862	6.17244	5.48372	4.24118	4.43809
LOC147093	0	0	0	0	0.0610164	0.0298496
GRK5	8.07231	7.69406	6.73677	7.80162	6.1194	5.03032
CARKD	30.1527	35.7233	27.7643	34.1645	37.2816	33.2981
MIR548H5	0	0	0	0	0	0
ZNF467	3.97626	6.0041	5.71571	4.99217	8.93489	8.01816
C3orf24	3.41E-26	0.102433	4.80E-46	1.60E-18	0.194847	3.61E-24
LGALS7B	2251.1	3936.56	1810.86	3136.76	2993.06	3661.89
CLCN5	3.22814	2.7487	3.16544	2.65807	3.35273	2.97098
MAGED2	54.9615	54.8544	59.2412	61.5986	60.9282	50.9857
SNORA75	39.0789	0	0	0	49.7791	97.4093
MIR2114	0	0	0	0	0	0
GAST	0	0	0	0	0	0.782484
MIR519D	0	0	0	0	0	0
LOC653653	2.63524	2.76138	3.25093	2.47533	3.66761	2.25038
PIRT	0	0	0	0.213192	0.162683	1.76857
TAS2R30	0	0	0	0	0.0788404	0
LOC10028891	0.283193	0.352099	0.171717	0.268219	0.361618	0.49657
MGLL	35.6433	37.0483	57.3096	35.2143	28.8523	27.7451
LOC643837	6.02067	6.38772	6.5905	5.67471	6.5774	5.54098
CDK5RAP2	12.4663	10.1306	10.6703	10.3099	9.53506	8.67367
CAPN13	3.32845	0.859695	1.44385	2.80931	1.0004	0.396185
HIST1H3E	2.23736	0.659377	0.846846	1.05042	0.94999	4.18268
KRT4	28.2214	16.9299	12.0736	13.7654	13.8077	12.1706
C5orf42	1.84819	1.65634	2.3085	1.63287	2.04391	1.85845
ZNF654	5.95757	4.68516	6.07148	3.82184	6.50873	5.65286
LOC10050701	1.16089	0.946081	1.4717	0.518993	1.57926	0.935899

DPH5	15.5797	15.5384	13.7179	13.6979	13.3418	14.035
ZFP42	0.075904	0	0.0574597	0	0.0483437	0.0236501
STAM	6.59885	5.2274	6.85712	4.38679	5.98491	5.08258
SNORD50A	0	0	0	0	0	0
CRLF3	9.30755	9.12687	8.99309	7.62732	9.59263	8.3521
P2RX7	3.62664	4.28594	5.07574	3.63063	6.11498	6.17227
AGPAT9	5.33113	4.88932	4.0357	1.49428	4.07958	2.65275
OGT	92.0803	88.8707	102.053	93.9703	124.256	101.239
SHANK2	2.60716	1.10527	1.3588	2.53851	1.42239	1.85779
STOML2	68.1761	78.7763	64.0171	76.7049	63.1892	62.6401
SAMD9L	9.05655	6.04965	5.35141	2.1166	6.35433	3.29975
BTF3P11	0	0	0	0	0	0
TOMM22	43.9398	49.5778	43.7098	54.7387	42.0288	42.9503
RTN1	2.96215	3.49834	4.39979	1.75532	5.30206	3.03809
SNORD115-4	0	0	0	0	0	0
LOC1006527	7.48482	13.3856	10.817	14.5355	11.5928	10.2825
TMED10P1	1.03916	0.662361	0.969591	1.15729	0.831156	0.798156
AP2M1	126.923	125.565	116.398	132.626	123.892	125.378
LOC729234	11.4359	17.7614	14.8935	24.3206	16.0019	9.46322
MIR552	0	0	0	0	0	0
GIP	0	0	0	0	0	0
KLF9	14.9318	12.8586	12.8703	9.42234	11.4287	7.57747
LOC386597	0.0865061	0.114725	0.196457	0.162456	0.0826443	0.107814
PA2G4P4	19.8276	18.4953	17.6535	19.0961	18.8845	21.1521
SCD	170.614	86.5314	196.953	70.9807	67.5457	107.37
MLH3	5.24856	4.73711	4.5424	4.50907	4.51039	4.14399
MIR3160-2	0	0	0	0	0	0
MORC1-AS1	0	0	0	0	0	0
LOC1005068	0	0.246139	0	0	0	0
NSRP1	18.0562	17.5712	17.0628	16.8786	16.5426	17.5448
ITGAL	4.80459	3.56083	2.61853	0.67654	5.79071	2.12986
LOC1006529	50.5352	123.526	46.1269	111.521	82.6205	79.736
PADI4	3.87033	2.38738	4.53107	4.77515	1.80578	2.41183
CAMKK2	18.3395	17.9992	17.7639	18.6384	18.4962	15.3344
GNG2	8.56061	8.97949	11.5421	5.63631	7.74291	4.87691
WDR17	0.452836	0.263416	0.46015	0.291869	0.403606	0.346585
SSH2	2.95856	2.9621	3.9097	3.04914	3.99192	3.03208
LOC388948	0	0.295439	0.168638	0.627533	0.283767	0.277642
MUC22	0.0318727	0.0281799	0	0	0.0710497	0.0297926
LOC1005076	3.64145	5.75605	6.18166	5.83708	6.6019	4.05712
MBD3L2	0	0	0	0	0	0
FAM74A4	0.0327137	0.049583	0	0	0	0
MS4A12	0	0	0	0	0	0

PRSS48	0	0.105619	0	0	0	0
PROKR2	0	0	0	0	0	0
KCTD15	27.6562	35.4882	34.5951	36.3214	47.3436	43.2598
ZP4	0	0	0	0	0	0
ALPI	0	0	0	0.0371011	0	0.0492444
GPS1	46.6272	68.7681	52.6599	63.2058	57.0847	57.7813
OR1A2	0	0	0	0	0	0
C11orf16	0	0	0	0.0515388	0	0.0340146
KCNJ10	0.217491	0.176267	0.0960411	0.0170184	0.242412	0.0338828
ZMYND10	0.41448	0.837615	0.67235	2.05715	1.69704	1.40212
MEOX2	11.0831	11.161	10.204	8.07633	7.6312	6.7465
TRIM71	0	0	0	0.029639	0	0
TPRN	8.13395	12.256	10.2046	14.0561	13.8391	13.4452
SNHG5	257.884	392.499	471.886	649.417	416.849	400.183
PPFIA4	3.2285	3.20913	1.86553	3.01357	5.56039	4.42848
C7orf72	0	0	0	0	0	0
MAP3K3	11.2271	11.2597	12.3747	11.437	13.3446	10.2321
KRTAP3-3	10.5576	3.83377	1.56989	167.113	3.60226	2673.92
RNF115	13.9006	10.9493	14.0623	9.84866	11.7508	11.4184
MTHFR	7.33129	7.09523	9.77255	8.1419	11.3607	8.28804
TTY6B	0	0	0	0	0	0
LIMK1	15.7087	11.4111	11.8792	13.1481	10.3142	13.1754
FAM123C	0	0	0	0	0	0
MS4A8B	0	0.0716641	0	0	0.0516247	0.0505103
FOXC2	0.628403	0.388916	0.380564	0.118012	0.36021	0.195797
TMEM141	88.9135	123.496	75.9568	126.041	96.5443	101.699
LOC1001305	0.474946	1.0078	0.934796	0.802741	0.786489	0.295966
TBC1D15	10.7756	8.84035	9.21693	6.53483	9.50149	7.84719
C6orf115	58.5464	47.0612	48.9735	45.3079	38.7491	43.8715
CNTD2	0.230342	0.305481	0.435926	0	0.220059	0.0717698
COTL1	30.2738	38.1001	25.6468	16.4971	37.4332	17.4745
NPM1	162.118	188.072	156.952	172.355	167.772	158.032
MIR190B	0	0	0	0	0	0
TLX1	0	0	0	0	0	0.0303834
NUDT4	23.1522	19.7596	17.2375	18.4022	12.8914	13.514
HCN3	5.40462	7.48525	6.36504	6.62457	7.7161	7.63544
MIR141	0	0	0	0	0	0
ECSIT	28.037	40.8063	25.8274	38.4735	29.1284	27.8673
CCDC7	0.792349	0.390977	0.901249	0.42089	0.450277	0.442948
POLD4	75.9758	107.057	67.9196	88.0017	79.1898	91.1856
CDKN2AIPNL	12.9612	15.6194	14.7175	18.0054	12.3826	13.4983
UAP1L1	12.7707	23.2036	17.0955	24.368	26.7891	19.5121
TSPAN4	30.835	48.8544	49.0895	52.13	47.6898	39.4156

LELP1	0	0	0	0	0.381064	0
AMY2B	23.4203	30.9889	32.5679	28.9972	38.4453	25.6323
ARF4	86.141	62.95	72.3834	61.175	56.9827	60.3893
AKAP3	0.394711	0.203571	0.373498	0.308856	0.188545	0.163978
TADA2A	6.51396	5.40489	6.35645	5.34614	7.29779	8.13472
CROCC	5.88789	11.032	8.55646	9.90492	11.3961	10.9626
LPCAT2	7.81259	5.51961	7.21044	7.16842	7.92961	8.48093
XPNPEP2	2.63361	1.15116	3.20329	2.05614	2.95894	2.17591
FLJ39632	0.427227	1.13257	1.31262	0.674439	0.292949	0.30237
KCNT1	0.121594	0.197094	0.0920473	0.114175	1.4069	1.52807
SPATA16	0	0	0	0	0	0.0303859
CPA5	0.469638	0.326987	0.207385	0.209615	0.174482	0.185482
DNAJB8	0	0	0	0	0	0
SHROOM3	5.08986	1.43461	2.63119	3.25569	3.0677	3.50173
APOL6	15.6488	13.8603	8.76323	3.56217	6.4787	2.75225
MOK	5.04472	7.54441	6.58147	11.3383	9.5137	8.69521
BCMO1	0.250252	0.110628	0.094721	0.195819	0.212516	0.0519821
MIR571	0	0	0	0	0	0
GPT	56.2573	79.4167	62.7314	59.7713	66.3751	67.4653
LOC1005074:	2.37689	2.31165	1.70935	1.5623	4.2388	1.99959
RN5S11	45.9693	135.343	36.0878	223.211	0	30.5323
IRAK4	11.8182	11.8383	11.5352	9.6697	11.2454	8.72435
IKZF5	7.09608	6.04782	9.09814	4.44207	10.5456	8.40574
SLC39A5	0.0527352	0.0466198	0.157052	0.346612	0.0335715	0.361376
MIR877	0	0	0	0	0	0
BNIP2	23.5558	19.8702	25.5449	18.0936	20.3355	17.475
LAMB1	29.8886	30.7865	43.3414	34.5888	33.5848	30.3887
CHI3L2	52.3168	44.5944	34.9984	34.2679	53.7034	39.5455
TRAPPC8	15.4474	10.9333	13.9107	9.66513	11.415	12.8571
MSR1	1.6966	0.498236	0.622182	0.350242	0.840874	0.375131
EMP3	48.0567	65.6363	56.0469	56.9696	52.0648	35.5308
SPRR2G	662.212	348.294	84.0576	139.683	312.175	91.2479
GOLGA6A	0.0909912	0.0843707	0.16515	0.200781	0.338704	0.171943
DPAGT1	18.1928	16.7199	14.3882	15.2396	15.1547	16.6176
CXCR3	3.48727	2.28828	1.43913	0.0614761	1.84571	0.574581
TACR2	0.544922	1.37123	0.698091	1.10206	0.85431	0.966474
TSPAN15	22.876	27.7002	27.5758	19.4372	15.2033	9.21949
DNAH17	4.48887	4.32056	4.40555	3.60322	4.67618	2.84672
MIR181A1	0	0	0	0	0	0
EEF1E1	19.805	17.5775	11.5387	9.07307	13.5836	14.6041
PVRL4	42.9002	38.0207	51.8974	53.5315	64.9683	72.6268
CDCA5	3.43877	7.08263	2.30736	4.36643	4.18124	4.3345
MIR610	0	0	0	0	0	0

ABCC12	1.13638	0.0494122	0.0846143	0.0874625	0.0474601	0.0116089
SORBS3	67.7321	105.457	75.5542	97.6097	87.0017	84.4538
FFAR1	0	0	0	0	0.0829579	0
PISRT1	0	0	0	0	0	0
C20orf20	11.1659	15.0953	10.1235	13.7763	13.1896	12.2576
STX4	53.565	66.9524	48.5396	57.2495	61.2581	48.6457
C1orf158	5.16187	7.20066	7.46778	8.40131	3.87209	4.86072
CCDC120	13.077	15.7635	16.3022	19.9159	22.9501	23.3488
SCAMP5	3.92148	3.19835	2.32421	2.62649	4.61129	3.44531
ENTPD7	2.19609	1.30045	1.5098	1.6912	1.64727	1.66464
PTPRA	39.2471	34.4446	39.068	34.8511	36.818	35.1027
UBE2D1	10.5875	7.75614	7.25993	5.92953	8.43763	10.8461
ESPNP	0.461275	0.090629	0.155195	0.144377	0.0326432	0.0319386
TMEM44	4.49882	8.52406	5.26933	7.02209	9.40781	6.43867
LOC10050640	0	0	0	0	0	0
LRRC1	17.3015	15.7371	17.95	17.8237	18.1742	17.3746
GOLGA8H	0.320097	0.24042	0.34773	0.257722	0.49599	0.268559
PNMA6A	0.0547339	0.129046	0.344438	0.173456	0.271459	0.222754
CDK5RAP3	61.7969	89.1882	65.5263	91.7625	100.509	83.6777
KIAA1751	0.0615814	0.0725951	0.0621566	0.0963732	0.078443	0.0383749
FP2234	0.753593	0.791206	0.695265	0.862402	1.09493	1.04194
MIA2	0	0	0	0	0	0
ZNF264	3.79976	3.61898	4.20942	3.36486	4.6385	3.80203
REEP6	114.068	145.572	45.8884	80.0315	25.316	36.9309
KRTAP21-3	0	0	0	0	0	0
LOC285463	1.72498	2.35143	3.00946	2.91978	3.31021	2.71285
ABHD1	0.674407	1.39172	0.624308	0.492534	0.381861	0.560858
TUBA3D	0.488031	0.492398	0.317414	0.265733	0.220708	0.218643
LINC00305	0	0	0	0	0.0898028	0
MIR1271	0	0	0	0	0	0
MAP4K1	4.45252	5.49125	3.42722	1.93285	8.18729	3.24088
DTX1	7.17583	8.09643	11.387	7.47099	7.70645	7.1659
IER3	54.8922	69.6159	102.999	116.014	76.7426	106.769
LOC728978	9.17524	19.6201	16.1528	22.4401	7.20278	11.8341
LINC00371	0	0	0	0	0	0
CETP	1.10553	2.17209	1.5343	0.346025	0.547647	0.497553
LPCAT1	7.96304	10.4294	8.66769	7.22174	8.31634	7.10431
SLC3A1	0.932038	0.828416	0.499722	1.05556	0.392793	0.308752
ITGB1	80.4842	60.9617	86.7172	57.399	55.9741	47.0052
LOC391636	0.895404	1.28645	1.1862	1.15606	1.35443	0.697473
ATP2C1	36.3736	28.6565	34.1989	27.4496	31.6099	31.8264
ASPDH	0.593338	0.643973	0.689219	0.378032	0.991735	0.842272
G6PC3	30.1654	29.0224	26.4737	30.282	21.8506	22.4875

ASB15	0	0.0654933	0	0	0.0471794	0
MIR3945	0	0	0	0	0	0
SNORD6	0	0	0	0	0	0
CEBPZ	19.5964	13.4732	16.2789	10.5246	12.7843	11.9718
LOC10050575	0	0	0.202793	0	0	0
BTD	12.9505	10.5711	11.7539	10.0363	8.13701	9.19245
CALM1	89.0167	76.0791	90.2022	81.0842	69.4872	65.2557
ALOX12P2	1.59319	3.96168	2.41211	2.61797	2.98072	3.10253
HSPA12B	6.38599	10.1795	7.83467	5.46468	8.69538	6.97868
MIR378D1	0	0	0	0	0	0
LINC00304	0.045492	0.160885	0.103313	0.0427162	0.289741	0.226789
SAG	0	0	0	0	0	0
C7orf45	0	0	0	0	0	0
GNAT2	0.08021	0	0.182158	0.225948	0.102172	0.14995
OR1C1	0	0	0	0	0	0
ZNF786	5.34913	6.78677	4.96442	4.93761	7.75693	7.19401
C7orf42	33.9441	26.564	29.0641	29.0948	29.1713	24.9257
TATDN3	7.66914	7.76386	7.17071	7.17459	8.0248	6.78074
DPY19L1P1	1.63958	1.06362	1.57243	0.975039	1.63619	1.53276
LOC10050703	0	0	0	0	0	0
SPARCL1	106.094	88.0019	79.4588	57.3585	70.7174	51.2676
FLJ42627	1.91653	1.71801	2.16616	1.93708	1.87336	1.96562
MTX2	27.0777	28.5842	25.7044	23.8198	23.8488	26.0456
LOC283104	2.58802	1.55788	2.30196	1.81405	2.69297	2.72756
KIF22	21.8746	27.2757	22.277	29.4744	29.3636	26.7126
NAP1L2	3.12616	2.69485	3.31313	2.20156	2.16529	2.55687
NGFR	15.8873	12.7763	16.318	12.9462	15.2524	14.0542
DNAJB6	86.7442	78.3662	71.2633	79.5874	72.9977	77.2881
ZBTB41	3.39644	2.36085	3.05321	2.14013	3.24482	2.53425
XRCC2	1.12989	0.913354	0.757583	0.606259	0.80188	0.683985
ZNF418	2.91731	3.07172	3.75432	4.00935	4.25663	4.03253
MIR142	0	0	0	0	0	0
EXT2	19.5626	18.1017	18.128	13.8237	16.377	16.662
EZR	90.1401	90.1682	99.972	104.499	95.6797	109.303
C6	0.329229	0.458489	0.659805	0.309141	1.50788	0.475408
LRRC37B	4.49506	5.04759	6.17636	4.99101	8.3032	6.99602
LOC10065273	1.36903	9.72E-07	2.04382	2.87812	2.06145	1.9996
KDM2B	10.4227	11.4631	11.94	12.2699	14.5429	13.539
FLII	43.2688	43.9438	41.3503	41.5236	47.1571	43.6341
C3orf80	5.03666	5.38514	1.38915	1.68643	0.422744	0.413619
GNRHR	0.0167758	0.0593299	0.057149	0.0692761	0.0569866	0.0557565
DNTTIP2	21.9706	18.3513	20.8943	17.6237	17.8607	17.7045
UBE2W	6.54717	4.62661	6.70655	4.63938	5.75106	5.26292



SLC22A15	2.00719	2.11869	3.45754	2.75016	2.84377	3.01212
PTGIR	2.21888	2.70291	2.0903	1.52789	4.74212	2.12015
DPM2	25.9205	37.6849	18.4153	29.2198	27.765	32.1468
KLK15	0	0	0.0832137	0	0.280048	0.274003
WIPF2	10.8431	8.63428	10.997	9.93678	10.9789	10.482
MIR25	0	0	0	0	0	0
LCN9	0	0	0	0	0	0
CCR5	3.70694	2.13433	1.69694	0.40679	2.03158	0.859874
PLEKHJ1	52.8511	86.0343	52.1113	69.5174	61.3891	55.8106
TSPAN2	2.73901	3.1019	1.93366	1.67606	1.21526	0.958896
LOC388692	2.13615	2.74835	2.17929	2.30057	2.56013	1.57926
DLST	50.9954	51.5716	44.4209	48.7943	47.5616	41.7191
GEMIN7	12.1478	13.9952	10.0024	14.2865	12.0876	16.036
LOC255512	1.76224	3.32387	2.40125	2.64755	2.91819	1.61063
LOC727721	0.590646	0.522212	0.447123	0	0.188093	1.28823
BVES	1.6258	0.906375	0.735931	0.846168	0.619175	0.962321
CXCL11	4.70856	10.4955	0	0.0622713	0.0422381	0
HNRNPKP3	0	0	0	0	0	0
MRS2P2	0.148989	0.362249	0.140982	0.45467	0.284676	0.0464219
TTY1	0	0	0	0	0	0
ZNF691	8.50347	12.2585	7.91454	8.16856	10.6469	8.68944
LOC10050637	0	0.142519	0.122026	0	0	0.10045
NR4A1	10.805	8.32135	22.9552	57.717	19.2135	7.49228
ENY2	15.279	15.0974	15.2666	14.2803	15.1918	12.3002
LOC10013486	0.75725	1.46075	1.56339	1.48673	0.701522	1.02957
TTLL4	13.3523	15.6551	10.4145	12.8275	13.1741	13.6352
PDE4DIP	10.1096	8.26017	12.9675	7.81532	10.9494	8.74649
ERICH1	7.44999	8.54227	7.13772	6.39425	9.48988	8.8498
LOC729159	0	0	0	0	0.017438	0
SNORD114-1	0	0	0	0	0	0
VWDE	0.360971	0.471122	0.299281	0.193683	0.372226	0.235653
DYNC1I2	21.2969	17.7017	19.7501	18.945	17.6506	19.052
PDCD11	9.85069	10.8143	10.2393	10.3115	9.86584	9.36543
LARP4B	18.7944	17.6845	21.0386	19.7558	20.9398	18.9298
MIR618	0	0	0	0	0	0
MIR4470	0	0	0	0	0	0
C7orf46	5.93984	7.14458	7.61851	6.86549	6.07236	5.99103
PHACTR4	13.2746	11.544	13.0586	12.6365	14.3702	12.785
THOC1	19.5167	23.2927	18.9902	18.6897	22.6089	19.9481
NAG20	0	0	0	0	0	0
TMEM184C	9.09262	7.89134	9.59088	7.1881	8.40993	9.08248
DCK	10.3755	7.63879	10.307	6.98992	10.0474	7.78753
ITGB5	49.5764	51.8598	68.7613	64.078	63.5667	62.6317

SLC10A2	0.0258886	0.022889	0	0.024309	0.0824429	0.0806633
FO XK1	7.46877	6.79136	7.93608	7.80719	9.13506	6.9258
URGCP-MRPS	0	1.97E-163	3.88E-144	6.73E-74	1.47E-63	2.52E-116
C3orf65	0	0	0	0	0.0335948	0
PRTFDC1	5.49964	4.0997	3.91836	3.69586	4.42995	2.28476
BEND7	2.08791	3.02342	2.1895	3.58451	2.11889	2.06022
C18orf45	5.17924	5.13687	4.17204	4.645	3.9119	3.66195
GOT2	45.6338	34.7916	34.0131	38.58	33.9875	34.0524
METTL2A	8.12884	7.11624	6.39611	6.58004	5.04978	6.66257
RNF128	13.2536	7.73789	12.4016	11.8009	8.86481	7.95383
MIR4495	0	0	0	0	0	0
LOC10050566	4.27594	5.90291	4.06033	5.81124	6.34258	7.3276
LOC729156	2.49E-06	0.812613	4.34E-07	0.20885	0.368507	2.56E-06
NT5DC1	14.9763	11.4215	11.6727	9.98944	9.51833	9.35233
MSH4	0	0.0546014	0.187001	0.0289943	0.098333	0.192421
SNAP25	0.607341	0.890023	0.799931	0.471308	0.83118	0.378469
TAS2R16	0	0	0	0	0	0
MIR24-2	0	0	0	0	0	0
EXPH5	6.172	6.34865	11.9363	8.86255	11.1506	11.671
STAG3L4	4.03622	5.26789	4.94691	4.96303	3.12156	2.9344
AFG3L2	33.6824	32.0413	32.4729	34.3183	30.4418	28.9973
FOX D4L1	0.0498141	0.0688164	0.25517	0.176867	0.0971636	0.132036
ZNF792	1.78355	1.15491	1.06491	0.731218	0.847964	0.907931
MYH4	0	0	0	0	0	0
ABCB6	15.4047	17.9561	13.7296	15.732	13.6618	14.5429
MIR202	0	0	0	0	283.839	0
GLCE	7.35791	5.52536	7.00226	5.99376	7.10856	6.4311
MIR454	0	0	0	0	0	138.034
SPSB2	6.7141	8.98387	6.56175	8.13775	7.53793	7.02318
POLR2A	32.4927	31.6045	36.023	32.0774	43.1824	39.3061
IRGM	0	0	0	0	0	0
PIP5K1B	6.65764	2.44146	2.34812	4.51097	1.83103	2.80513
ZAR1	0	0	0	0	0.0480381	0.84602
PCDHA6	0.17734	0.181448	1.03E-13	0.104114	0.0479725	0.129357
PIGQ	15.0704	23.3177	17.6287	24.653	25.4518	23.1701
LOC10050733	0.105807	0	0	0	0	0.0659521
UBXN10	1.27167	1.15392	1.24133	0.848427	0.916507	1.60576
HGFAC	0	0.134229	0.153237	0.190074	0.257852	0.189214
FBXO18	28.7204	29.1485	27.5467	27.437	28.2261	26.6824
DNER	46.9021	11.7412	16.1989	27.5748	15.7435	15.4977
MIR196A1	0	0	0	0	0	0
PVRL3	1.2857	1.36408	1.94656	0.543263	0.900756	0.721074
FLNC	3.82628	5.0946	3.91075	2.18953	3.92548	3.98148

FAM3C	70.471	46.3994	68.9212	50.302	46.8624	47.2832
ATF6B	46.3698	48.3049	51.6496	52.916	63.9816	59.4085
VPS8	9.92299	7.86044	8.94463	7.82745	10.4481	10.9136
SOSTDC1	24.6528	18.5418	16.7201	22.363	22.0958	36.7034
PANX1	4.55169	5.46158	5.03175	3.79908	5.19979	5.85294
HMOX2	39.7721	44.4463	30.6323	36.6977	27.4323	34.2636
INSM1	0.352955	0.0624122	0.0801567	0.132568	0.224799	0.065984
C12orf41	16.1412	17.4631	14.5984	16.3528	15.0147	12.0966
C3orf49	0.0858835	0	0.0650143	0.161286	0.164099	0
TRAF2	12.5278	17.2869	11.6174	12.0995	15.4451	13.7176
COL4A4	0.355394	0.314217	0.255238	0.0684531	0.261176	0.147644
ARHGAP11B	0.229988	0.415154	1.13348	1.19045	1.17185	1.14655
C6orf126	5.21859	11.7446	1.07741	1.33641	0.906477	0.295637
TFAP2A	36.8041	41.5017	46.65	53.6947	56.1721	52.4969
PLAUR	4.61951	5.85877	3.79419	3.1212	4.92289	2.42505
ZNF860	1.2401	0.438544	0.60998	0.203786	0.60244	0.887536
LOC10065290	3076.95	4096.16	3297.31	4898.38	3395.17	3238.16
LOC10012867	0.408698	1.02E-53	0.16002	0.123003	0.150379	0.344592
NTHL1	7.14445	14.4518	10.7348	14.9417	10.6175	12.6818
KISS1	0	0	0.13986	0	0	0.460525
KCNC4	3.14532	3.30023	2.10965	2.52423	2.80049	2.47867
DEFB133	0	0	0	0	0	0
OR8U1	0	0	0	0	0	0
POU2F3	23.4517	26.1332	39.993	32.2488	46.1058	41.1452
XKR8	6.74247	5.41545	5.0322	6.42024	6.95553	6.39116
OR13C9	0	0	0	0	0	0
SLC30A6	9.79269	7.37222	8.86989	7.70451	8.33655	7.14269
SNAR-A1	0	0	0	0	0	0
CDH9	0	0	0	0	0	0
LOC10030370	1.50141	1.32825	1.51623	1.41451	1.35527	1.44968
LOC10050729	0	0	0	0	0	0
ADPRHL2	23.6249	31.221	24.9811	27.5827	24.9587	29.5999
LOC10010126	1.24166	1.48987	1.81275	1.33245	1.24272	2.04491
CHST9-AS1	0.254274	0.0374689	0.160406	0.159173	0	0
HSPA5	95.7813	70.3019	73.251	63.4959	52.8813	65.6433
NUDCD2	35.1437	36.6705	33.6199	31.424	29.8085	29.7923
OR5B12	0	0	0	0	0	0
METTL6	4.16059	4.32138	3.97521	2.92056	3.62754	3.54924
LOC641367	0.188412	0.230336	0.140868	0.139786	0.213335	0.0927689
FAM69A	6.26941	5.23507	6.0936	5.19644	4.16556	3.68978
LAS1L	15.2607	14.9913	15.9916	18.7964	18.4485	15.4214
CRB3	16.7908	15.5395	18.4771	25.7418	23.6573	23.1892
LMTK2	5.90782	4.49449	6.9844	7.26415	7.28313	6.96127

ZNF662	11.61	9.99078	10.3532	10.4743	11.229	11.6758
BZW2	46.8191	46.1916	39.8383	45.1816	38.0924	40.5521
ETS2	37.7393	48.7522	52.1069	37.5919	37.4315	24.9756
MALT1	9.5342	9.16298	9.70058	7.99173	10.0302	8.2056
PIP5K1A	16.3623	15.7429	17.0401	17.8418	18.7942	16.4554
YIPF7	0	0	0	0	0	0
SPRR1B	1063.4	782.251	577.025	580.773	877.815	910.191
LRRC58	9.6602	6.56948	8.31737	6.13742	7.15704	6.01777
LZTS2	30.0483	48.0578	40.6412	48.6897	45.0681	47.0843
LOC10028901	6.71589	8.7492	6.66307	8.88588	11.0175	7.26044
PPP2CB	60.1888	56.7008	62.6743	64.9074	53.3336	54.4099
OFCC1	0	0	0	0.0649669	0	0
LOC285484	0	0	0	0	0.0462609	0
FAM149B1	7.17997	6.29215	8.28461	6.53398	7.41345	7.54907
BCL9L	19.6059	22.1808	24.441	23.2211	26.3271	23.7109
KNTC1	4.55212	5.64425	4.04618	4.23586	4.78858	4.57448
PPP1R3D	6.512	5.28006	5.17683	4.61714	4.83029	5.52529
LOC10050688	0.303237	0.495876	0.0868347	0	1.24199	1.57616
MIR543	0	0	0	0	0	0
DNAJC14	13.7984	12.2826	13.5081	12.8623	12.9326	14.6019
SRGAP3-AS2	0	0	0	0	0	0
CCNB3	0.33557	0.191415	0.30394	0.263887	0.254486	0.364333
ZNF577	12.0341	15.4392	17.4846	16.3948	21.0269	17.2835
FABP5P3	0.255744	0.127188	0.1089	0	0.0305409	0
LOC10028743	0.189199	0.501835	0.143225	0.532966	0.602511	0.648456
LOC10013128	2.25633	3.45783	2.39127	3.53109	4.98184	4.78056
LOC10050621	0.424559	0.482617	1.05601	0.284753	1.00436	0.793702
LOC10050715	0.34253	0.605687	0.340327	0.502547	0.354509	0.506944
GOT1	56.5022	30.8864	28.1619	37.8768	26.6749	28.5046
OR11A1	0	0	0	0	0	0
ACTRT1	0	0	0	0	0	0
LOC10050646	11.0553	14.1067	10.5395	13.5094	13.2897	11.2851
CYTH3	13.3393	13.8073	16.1731	15.6007	17.793	15.1787
SLC10A4	0.0969588	0.17145	0.220195	0.0910428	0.185261	0.211472
PRY	0	0	0	0	0	0
LOC10012644	0	0.186499	0	0	0	0.131448
SNORD54	0	0	0	0	0	0
FBXW11	14.0952	11.2382	13.6211	12.3548	12.4761	11.788
GTPBP1	14.1308	14.1481	14.7735	16.1016	15.4337	14.0177
CECR6	0.616844	0.480185	0.318221	0.508702	0.47055	0.505917
MIP	0	0	0.058372	0.108606	0.0245556	0.0720766
MIR548F5	0	0	0	0	0	0
KIRREL-IT1	0.0902513	0	0.204962	0	0	0.112482

SPANXC	0	0	0	0	0.103367	0
VSTM2B	0	0.079329	0.135844	0.1685	0	0
ENHO	10.5802	11.1496	8.65645	10.5367	9.46121	7.45886
CAMSAP2	10.0715	7.76154	10.8931	8.18233	9.96367	8.79791
C2orf77	0.188858	0.083488	0.178708	0	0.240569	0.14711
LOC10050666	0	0	0	0	0	0
FAM102B	4.96911	3.23136	5.21996	4.02351	3.7038	3.19751
AGXT2L2	17.1888	23.6503	19.9258	19.5607	24.8909	20.9004
UTP15	5.36433	5.69136	5.60394	3.87851	5.07361	4.42924
SMG9	16.0525	18.6564	10.9759	16.8559	14.7587	16.3763
LOC10029056	4.72637	6.62971	5.83396	6.12138	6.3884	7.81046
MAMLD1	3.08289	2.81795	3.11232	4.04579	3.90408	2.9814
ROS1	7.90764	4.20855	2.77334	1.7079	2.48945	4.67851
FOLH1	1.45554	0.87526	1.16984	0.423105	0.824816	0.537144
MIR135A1	0	0	0	0	0	0
AQP9	6.31312	3.80832	8.91097	7.10115	12.1254	12.1915
ADCK2	22.2383	25.3932	22.0994	25.2754	26.386	25.4152
PSMC1	44.6771	43.4865	39.8312	41.6984	35.1404	35.9751
IGFBP2	17.7654	9.73301	12.1841	18.7488	11.5567	13.8147
SPHK2	5.07905	6.10907	5.47074	5.80167	5.40275	6.14809
LOC10028836	0.517986	0.602776	0.822443	0.798005	1.61715	0.912912
LCN6	2.04458	2.13636	1.40705	1.13917	0.753408	0.694962
PTPN11	25.2729	18.0873	23.7247	15.9015	16.5904	15.3858
KCNE3	1.61583	2.14292	1.90818	1.1531	1.99651	1.93328
SLC41A3	18.6964	23.0908	19.6772	25.332	19.6538	18.2044
LOC10028757	0.0607311	0.107389	0.0459738	0	0	0.0378451
GPR15	0.106255	0.281832	0	0	0.135349	0
SNORA22	0	0	0	0	0	0
HMGNA4	37.8695	38.5041	37.626	32.003	40.4669	35.988
ELF2	15.1942	14.5092	15.414	13.8881	18.0644	15.018
IKZF4	3.68308	2.77335	3.24168	2.81301	4.06301	3.0309
DRD4	0.401748	1.98912	1.76393	3.99869	2.50758	1.05148
MIR1302-2	0	0	7.00285	0	0	5.76466
RNF40	14.8406	15.493	16.0927	17.4186	17.2732	16.3086
AKAP8	15.9137	19.6586	17.0753	18.4311	21.2128	16.6027
MRPS6	62.9712	59.3021	43.2945	58.9984	46.0644	42.9408
C15orf60	0	0.114755	0	0	0	0.161728
MMP12	3.05474	1.91512	0.336357	0	4.81088	0
SNORD73A	0	0	0	0	0	0
MIR764	0	0	0	0	0	0
LINC00312	1.31239	1.46116	2.53891	3.14925	2.16707	2.18087
ZNF423	2.98679	3.01291	2.89835	2.07047	2.41299	2.07359
RMND5A	19.5274	14.2849	19.8736	16.9615	17.4592	23.0462

MIR4518	0	0	0	0	0	0
ASPHD1	0.292145	0.839463	0.387022	0.41148	0.790793	0.864749
PLA2G10	0	0.208538	0.0892762	0.221475	0	0.0367455
LONP2	23.7882	13.0857	17.5339	12.7428	15.4641	14.5451
TRIM64B	0	0.0309402	0	0.182553	0	0
FMNL2	15.6654	11.0194	12.8492	12.2203	13.9245	15.2545
CCDC83	0	0	0	0	0	0
SLC4A1AP	9.32332	7.25284	8.99141	8.64864	8.6207	9.35891
FGR	8.07503	8.47687	5.24142	4.30837	7.69596	5.85772
NHP2L1	72.2138	76.0266	73.6299	87.8855	77.8036	72.8501
NDUFS6	161.655	213.403	135.44	206.861	147.996	167.932
PLA2G6	8.35612	11.7935	14.6788	17.0239	19.8991	18.6974
PASK	4.51188	6.23892	4.09538	4.43737	4.8348	4.26406
ECEL1P2	0	0	0	0	0	0
SOX18	13.9304	20.582	13.9668	20.5217	14.3535	12.6933
MIR27B	0	0	0	0	0	0
INMT-FAM18	1.70E-11	4.47E-51	6.50E-26	2.65E-19	1.41E-153	7.89E-13
IL1F10	1.0292	0.504992	2.34509	5.50194	1.38505	6.92582
COBL	15.7557	6.72493	11.8312	12.7027	10.8154	11.6127
PVRL2	30.6091	32.727	28.6397	40.9925	31.7309	33.4536
LSM14B	21.7951	22.8358	24.8073	29.1321	27.1701	25.9714
NAE1	29.2526	29.0832	26.3694	25.4099	26.7546	23.3603
RNF167	121.229	114.485	94.0317	106.096	104.077	110.57
UBR5	15.8822	11.2153	16.1259	11.7513	15.0309	13.4094
CPEB4	14.7437	8.2187	12.5666	8.99235	9.04025	9.25615
HOXA11	0	0.167292	0.0286474	0.106602	0.0723073	0.0235822
MIR507	0	0	0	0	0	0
ITM2C	20.9439	22.9	21.612	19.7333	29.1628	20.9852
LRRC37A4	5.9714	3.33131	6.88333	4.45214	5.72776	4.80105
NPNT	8.30224	4.69685	5.58863	5.57377	7.65273	8.78341
LOC10050654	0	0	0	0	0	0
SNORD62B	0	0	0	0	0	0
LOC93622	16.3166	20.2078	18.0711	19.7922	21.7144	16.8541
MS4A10	0	0	0	0	0	0
CRCP	14.4362	15.0485	14.5108	15.686	17.4934	15.8167
LGSN	0	0	0	0	0	0.0106107
TMEM82	0	0	0	0	0	0
LOC90499	0	0	0.0661189	0.0555575	0	0.0302867
ZNF774	1.02313	1.10561	0.98966	1.28094	0.941256	0.885518
PAM16	22.2909	31.7697	26.8995	37.0464	25.1188	23.8174
PAEP	5.11039	1.25059	3.68923	4.11988	3.55016	7.41646
FAM86B1	2.46896	2.69166	1.96431	2.90287	1.87077	2.14491
NXF5	0.0659856	0	0.0333009	0	0	0

PIAS1	7.60663	5.54543	8.99097	6.18182	7.0829	7.81706
C5orf46	47.6235	24.9146	61.863	59.5354	49.3562	72.1729
DUSP10	4.90374	4.49645	3.67607	4.45172	4.22691	3.26901
C11orf20	0.174286	0.616372	0.263871	0.654608	0.444016	0.217216
GPR179	0.0356498	0.0105064	0.0179914	0.0111582	0.0378425	0.0370257
ACTR3C	4.28471	3.20904	1.90925	2.30867	1.5975	2.58325
LOC653501	1.45606	1.35514	1.60285	0.844495	1.35643	1.12352
GIN1	2.54603	2.34891	1.92736	1.16936	1.95648	2.69029
FSTL4	0.915151	1.15269	0.862603	1.57111	1.12356	1.40852
LOC339442	0	0.0394433	0.135087	0.251341	0.255724	0.111202
ZNF287	1.38527	1.68657	1.92541	1.66326	2.3142	1.79725
MIR96	0	0	0	0	0	0
RELL2	3.56768	4.66175	3.29642	3.20495	5.1919	4.53351
CCDC102B	0.630848	0.525231	0.833032	0.501984	0.588114	0.255936
PIGW	9.36146	8.27681	7.42903	7.55878	5.24227	5.35457
MIR548F3	0	0	0	0	0	0
LOC254099	0.0656571	0.0580499	0	0.123302	0.125452	0.0818295
TMEM30A	43.9633	30.6983	39.7295	27.734	35.0272	30.5053
VWF	12.6808	13.6508	16.4214	9.85274	10.2837	7.25271
LOC10050676	0	0	0	0	0	0
PBXIP1	36.2998	39.8213	40.8286	37.8012	43.8759	36.8402
RB1	10.4074	8.25277	8.35362	6.33114	6.51247	6.3719
ZNF580	25.9247	44.9063	26.455	46.7018	32.4573	34.1777
LOC10050721	0.160942	0.142295	0.152293	0.226683	0.128131	0.100292
PRRC2B	30.5655	29.4485	34.2555	33.014	36.0992	33.8074
CRIM1	32.2333	28.544	33.3844	27.4727	24.3087	21.7594
SIK3	8.85833	7.98527	7.18309	7.97742	8.38257	7.49442
LOC401442	0	0	0	0	0	0
PLAA	6.47092	5.01745	8.05147	7.228	7.40945	7.41813
DUOXA2	5.2292	10.3807	6.16508	8.41207	7.52102	6.5101
SNED1	7.71203	6.71893	11.0022	5.55572	15.4352	9.53422
ALDH4A1	17.3966	17.6983	15.2454	18.0237	11.895	17.1245
LOC10050596	0.542693	0.639754	0.376587	0.636975	0.7777	0.422729
SNPH	1.46736	1.65583	1.6662	2.48372	2.72993	2.37021
MIR4459	0	0	0	0	0	0
DEFB109P1B	0	1.0255	0	0	0	0
LINC00184	0.0448944	0	0.135941	0.210776	0.0857805	0.0559526
GENE	8.80441	4.24329	4.80763	4.195	4.68252	3.68726
C9orf66	0.251935	0.477168	0.29766	0.338493	0.0915945	0.269052
PODXL2	9.76339	10.1334	8.92625	12.1793	8.20102	9.49359
KRTAP5-11	1.71635	0.202332	0	24.8191	0.364385	143.535
MIR1-2	0	0	0	0	0	0
DMPK	18.4815	32.6473	24.6012	31.7037	31.1613	27.3526

CDK11A	22.3219	26.9517	22.9455	28.8988	30.0629	24.5406
FCN3	1.65666	2.29327	0.556551	0.902047	1.29864	1.20055
GLE1	16.9137	18.2875	15.7024	17.6504	18.9884	17.4499
OSGIN1	4.38608	4.96529	2.43775	3.72532	3.16815	3.39967
SNORD78	0	0	0	0	0	0
LOC1006529:	1.19781	0.994921	1.02074	0.735753	1.35613	0.927385
LOC200772	0.134422	0.237694	0.0678386	0.0420733	0.114152	0.186924
LOC1002407:	0.267294	0	0.101172	0.250985	0.425603	0.24985
G3BP1	34.8355	24.9562	27.7946	24.3548	21.7695	23.584
RTN2	9.48238	9.07202	6.92399	12.5834	9.69719	8.64069
MIR3166	0	0	0	0	0	0
EFHC2	1.24559	1.4236	1.65586	1.08401	2.16713	1.41988
TEX12	0.0992816	0.438892	0.751567	0.279671	0.63233	0.371208
NDST1	28.2075	22.3295	30.345	24.5905	28.7493	27.312
FPGT	7.23421	6.46083	6.34325	4.48747	6.45533	6.75998
CPXCR1	0	0	0	0	0	0
LOC646903	0.210988	0.233177	0.239578	0.099057	0.235164	0.295827
ZNF219	25.5307	46.711	37.4365	46.0014	40.9969	35.8806
HDGFRP3	8.60622	7.14511	7.30946	5.86373	7.15249	5.49384
TLR4	2.9756	2.15128	2.00097	0.756487	1.75016	1.15628
LOC1006528:	0.124544	0.0917615	0.299133	0	0.467536	0.283389
LOC339975	0	0	0	0	0.0958156	0.020746
SEC1	0.153344	0.270431	0.216526	0.232634	0.193734	0.214624
HMG3	125.336	133.165	106.566	108.213	112.464	90.6251
SPDYE7P	0.164057	0.149996	0.164188	0.182044	0.158815	0.127938
F13A1	22.5357	18.8736	22.593	8.71599	31.1386	13.1134
SPINT4	0	0	0	0	0.354671	0.347016
WDR75	17.3342	19.207	17.1553	17.0516	22.0327	17.8396
DEM1	4.28569	7.25232	3.62802	4.7598	4.40254	3.99163
AKAP6	0.644073	0.537367	0.549371	0.57922	0.514211	0.486153
GRIP1	2.55281	2.32854	3.66712	2.36469	3.75396	2.71927
AIRE	0.281478	0.564612	0.349464	0.501763	0.391973	0.372937
ARHGAP23	25.8931	24.2262	28.0333	28.0431	31.2308	27.7445
UNQ9370	0	0	0.0790014	0.0489964	0.0997016	0
MIR3685	0	0	0	0	0	0
S100B	63.8942	81.5754	93.4225	50.08	35.5013	25.5514
SSX4B	0	0	0	0	0	0
ARFIP1	15.0642	10.7284	15.5597	12.05	14.7172	13.2964
ZNF493	9.83762	9.23305	11.4913	9.5424	10.8222	10.422
NPFFR1	0	0	0.0637098	0.0790251	0.0536021	0
LOC10013330	0	0	0.236424	0	0.198915	0
DIAPH2	3.87127	2.35941	3.98623	2.8247	2.98841	3.11937
RPS6KA2	8.20763	7.19723	8.73065	6.91357	9.02793	7.41631



LOC10050689	0	0	0	0	0	0
RGS13	4.09168	3.44985	5.87311	1.79063	6.21251	3.67639
PSME2	23.8782	29.4765	21.1454	19.4599	25.8251	19.2783
ZNF567	2.79694	1.81344	3.19006	2.45119	3.84779	3.04432
LOC613038	0.952519	2.2962	0.693245	1.13453	0.746302	0.524226
LOC10050582	2679.76	2962.45	1791.92	2263.58	2036.88	2075.21
LOC10065289	23.0936	21.0548	22.5183	25.3333	24.4533	19.6217
FLJ36777	0.43133	0.338982	0.362799	0.540015	0.30524	0.537573
AREGB	5.44507	3.31054	4.6376	4.15488	4.47979	4.66557
NCF4	9.82013	11.0926	5.88593	3.75552	11.7035	7.18859
EIF1AD	12.9745	14.3736	14.5078	13.0293	16.1887	15.2706
TMEM126B	35.9168	33.3387	30.5059	29.6888	35.3473	29.0526
SNORD113-2	0	0	0	0	0	0
F8A2	3.8229	5.28016	4.5984	4.13313	4.0858	3.74245
HIST1H2BD	13.3942	5.44757	5.74456	8.74844	8.14573	14.398
SNORD116-10	0	0	0	0	0	0
SNORA17	84.4571	103.291	48.6927	179.933	310.762	192.176
PTPN23	14.9702	17.1304	17.1302	18.4334	19.5349	19.1474
CCDC151	0.236921	0.293258	0.46631	0.711887	0.241434	0.295278
COPE	108.229	131.225	103.283	136.041	106.325	122.694
FLJ45079	0	0.0726922	0	0	0	0
PHLDB3	10.7921	12.9494	10.9031	15.0861	16.5637	17.0404
IFITM1	170.49	240.637	122.203	83.2914	143.17	85.2607
NEK4	5.37301	4.37471	4.88547	4.05883	5.03425	4.46507
LOC10050629	8.39251	7.14724	6.6202	7.33522	8.42845	8.58086
BEX5	4.73777	3.38021	2.77883	3.3038	2.72621	2.95238
MYH15	0.121075	0.118941	0.13239	0.138952	0.0599771	0.167664
TIMM17B	28.7343	39.8518	26.5996	34.8951	29.2406	30.3744
POLDIP2	53.5784	52.7031	50.3693	55.6756	44.6375	49.9631
TCEAL2	4.47619	4.69385	1.73365	3.6166	5.10512	4.15162
CTAGE4	4.51195	4.26077	4.94585	4.69033	11.0415	11.4208
CRIP3	0.248909	1.98063	0.565276	1.05175	1.81967	1.78376
SNORD80	0	0	0	0	0	0
SLC22A17	13.0569	18.7596	13.6246	20.6395	20.9717	16.3041
MGC27345	5.57475	6.38421	6.61263	8.67625	8.17754	5.94948
CCDC63	0.053326	0.0471475	0.0403681	0.100145	0	0.0332305
LOC10050757	0	0	0	0	0.0441084	0
IL3	0	0	0	0	0	0
TRAF3IP2	22.3364	29.4944	24.9226	32.7495	34.4123	27.2
TXNRD2	11.4519	13.02	9.47346	9.76175	10.3925	9.76797
PILRA	4.10823	3.80238	3.61532	4.17467	5.33775	3.14536
MIR1179	0	0	0	0	0	0
ZDHHC5	34.5929	29.2143	33.3407	33.1801	29.1602	32.0111

CETN4P	0	0.787393	0.674173	0.418119	0.425411	0
LOC10028716	0	0	0	0	0	0
UNC45A	28.5524	34.2605	29.4672	34.8288	33.2361	34.3242
SNORD114-3l	0	0	0	0	0	0
SAP18	56.6111	52.9455	49.8858	52.0356	44.253	43.5182
PPP4R2	10.8742	5.36299	9.18367	4.86217	8.81035	5.65481
C7orf73	20.408	21.3663	25.8502	29.1425	24.3229	25.334
ACAD9	61.138	56.2105	58.5716	56.063	60.6171	65.0928
FMO9P	0	0	0.0607722	0	0.102261	0.0500269
UHRF1BP1L	7.24246	4.63825	5.65305	4.26222	3.77964	4.08468
MAS1	0	0	0	0	0	0
RRN3P1	4.26836	6.40664	4.86773	4.08103	5.90092	5.40243
LOC10050957	0	0	0	0	0	0
LIFR	11.6895	8.86472	8.60158	6.94034	7.01077	4.57096
LONRF1	18.8969	26.3929	32.3281	26.8473	26.0945	23.3126
RPIA	12.7638	13.1489	12.2935	11.9315	12.8835	13.4931
MIR302A	0	0	0	0	0	0
CXorf59	0.0529892	0	0.0401131	0	0	0
LOC10050742	2.17335	1.5823	1.98895	2.7966	2.95059	1.81002
LRRC4	0.449179	0.420497	0.420038	0.396962	0.521684	0.905589
FNDC4	20.6126	26.5522	17.1226	15.23	9.68475	11.0945
CDC42EP2	7.26126	9.46827	8.34408	7.40683	5.9556	4.91555
C14orf132	4.48752	5.2789	8.56947	5.74922	6.70126	6.41442
NHEG1	0.16112	0.142452	0.304922	0	0.205237	0
STON1-GTF2I	0.0744787	0	4.63E-62	0.0568359	4.45E-115	9.16E-54
LOC285095	1.59805	6.59352	1.61298	0.750273	3.05343	1.32779
SSNA1	60.0825	87.8591	63.7985	93.6299	71.5987	76.9792
AUTS2	14.3633	10.0523	16.9111	14.3857	13.3019	12.0601
C3orf27	0	0	0	0	0	0
CELSR3	0.36134	0.604223	0.434091	0.47206	0.585355	0.259437
GPR77	0.94648	0.456446	0.781626	0.807936	0.383612	0.697044
GINS2	6.59499	9.88714	4.12419	8.34654	5.05264	5.59875
C9orf25	12.8012	16.0674	14.7345	13.9737	16.8906	15.3659
IP6K3	0.340271	0.300846	0.0281731	0.0349458	0.240001	0.166983
FAM159B	0	0	0	0	0.0781701	0
MIR144	0	0	0	0	0	0
ACTR6	28.1545	21.3969	23.127	16.1432	18.1988	17.3581
ACPT	0.0814849	0	0.493476	0.382565	0.57088	0.355445
MIR211	0	0	0	0	0	0
SNORA71C	0	0	0	0	23.5674	23.0587
FRMPD4	0.0447388	0.0988881	0.0169338	0.0210045	0.035618	0.0139397
LRRC26	25.7252	13.6923	12.0032	26.1845	10.0354	12.1645
AVPI1	28.0567	31.8736	33.3023	50.9971	35.0402	35.1629

WDR43	14.1796	12.9091	14.6238	12.2071	13.7344	9.83349
C9orf114	17.1968	19.4584	15.929	19.3525	18.7538	17.7622
ICAM1	9.25387	9.7965	6.54436	3.28705	10.4887	4.5526
MIR4292	0	0	0	0	0	0
NFE2L1	62.2922	66.6022	69.219	63.0226	70.3927	64.3604
SEC62	19.4717	15.8624	17.577	14.309	15.3087	12.916
FAM208B	8.66679	5.84882	7.74009	4.74887	6.6868	5.84514
LOC728558	0.0686908	0.0205535	0	0	0.0891387	0.0599431
LOC153910	0	0	0.0336336	0	0	0
CRYGA	0	0	0	0	0	0
SNORA7A	4.82E-30	0	4.06E-113	82.4393	147.291	83.0039
ITFG1	26.8685	17.049	23.1069	20.8526	18.8007	18.4518
SNORD1A	0	0	0	0	0	0
LOC10050568	23.0753	16.9032	28.6931	17.0523	28.359	21.3617
LOC10012921	0	0	0	0	0	0
TMEM51	8.07078	10.3294	5.78183	8.34428	10.5474	9.44509
C1orf63	99.5503	111.439	87.9853	72.7575	112.238	112.804
LSM3	46.6708	60.6214	51.9046	62.218	46.6057	46.4374
MOB1A	23.8467	17.2037	27.8303	16.716	19.1433	19.9684
LINGO2	0.0358022	0.031654	0	0.100853	0.114013	0.0446208
IDH1	134.286	77.4792	93.9243	72.7375	77.9112	85.5032
CYB5A	468.893	451.032	351.15	335.216	246.134	270.335
C15orf42	0.500315	0.631924	0.616807	0.684548	0.491636	0.730444
ERGIC2	22.1476	16.3439	18.0624	10.2594	15.7985	14.2062
SNORD102	0	0	0	0	0	0
C4orf37	0	0.0566788	0.0485289	0	0.163319	0.0399484
LOC10050581	16.443	15.1422	16.1153	15.7476	16.3259	15.5468
DHX57	4.95837	4.68439	4.93405	3.97998	5.15724	4.90887
MYL7	0.482545	0	0	0.226551	0.153668	0.150351
OAS3	15.7433	10.802	4.47733	2.24308	6.4433	3.90987
LOC10028863	1.71419	1.89326	1.79112	1.6443	1.68734	1.82737
MAP1LC3B2	44.6848	36.865	34.7317	28.6272	24.1768	47.2166
ST8SIA1	1.14627	0.824507	0.830962	0.574649	0.853803	0.502435
LOC10050766	0.347916	0.153802	0.658435	0.816718	0.443179	0.542016
IQCA1	0.341376	0.219507	0.211437	0.466249	0.256956	0.212731
INPP5E	9.27027	15.6449	11.012	14.0424	16.8588	13.1523
AP2B1	24.4844	20.6696	22.3406	19.8274	21.7001	16.448
FPGT-TNNI3K	0.872322	0.73704	1.30132	0.57591	1.03389	2.82E-05
HOXB7	0.240212	0	0.424298	0.827037	0.101995	0.199587
PLXNB2	39.5925	48.3488	46.3234	51.4896	63.7459	60.97
POLG2	5.48536	7.33386	5.82356	6.2813	7.29987	5.79434
APOC1	542.015	740.505	809.563	1192.5	239.415	347.482
POU3F4	0.0713975	0	0	0	0	0

GPR172A	23.0234	31.9539	22.9412	26.9478	20.6315	24.4236
LOC10065295	0	0	0	0	0	0
MYCL1	6.87992	7.17482	14.6069	13.4414	17.1652	14.8072
IL2RB	2.57772	2.34295	5.16103	3.61934	6.82788	4.09837
GDF3	0	0	0.0692005	0	0	0
LOC10050633	0.113611	0.351568	0.258013	0.320038	0.289439	0.353989
NPRL3	15.6104	19.7872	13.5049	17.5735	19.2844	19.6027
LOC10013017	0.783722	0.808403	0	0.490601	0.249578	0.325588
CYP2C18	1.32788	0.910997	2.09869	1.7799	1.76477	1.75322
PHF19	6.92941	10.477	7.97945	10.5359	10.7167	8.08579
GRM4	0.0503642	0.0222644	0.095315	0.0945824	0.0641545	0.172617
MNAT1	13.3471	10.8232	12.9136	11.4205	11.4684	10.9749
OR2B2	0	0	0	0	0	0
ACVR2A	11.1929	9.09867	12.0975	12.7416	13.6598	11.4229
LOC441617	0.24984	0.473341	0.324223	0.268109	0.409177	0.177931
ARIH2	26.9822	28.1072	24.6839	26.2756	28.1334	27.2067
LOC257358	0.0927675	0.369086	0.280902	0.0435536	0	0.0289044
RGL4	7.74748	8.10415	8.03977	6.67497	7.88942	6.41321
C2orf68	13.396	15.9329	14.6766	16.3864	16.2804	14.6229
IBA57	2.34014	2.51463	2.46193	2.63682	3.08026	2.49776
CNKS2	0.74089	0.619472	0.923287	0.445481	0.608647	0.415223
ZDHHC15	0.823583	0.35056	0.715066	0.999103	0.728629	0.582275
KDSR	25.7942	23.2968	24.4605	22.9163	20.6978	19.3279
LAT2	4.12754	5.43048	5.23933	4.07152	6.42544	4.02109
XIRP2	0.0344391	0	0	0	0	0
LIPC	1.06261	1.46796	0.703852	0.436527	0.634484	0.331087
PFDN6	66.6069	73.0553	51.1891	61.7841	54.665	59.9297
RFT1	3.90991	3.3066	4.26101	4.22116	3.89778	3.31928
DHRS12	9.53839	15.0482	12.0141	12.1079	12.8212	9.87692
RIMBP3C	0.0717583	0.0397922	0.0445001	0.0103496	0.112437	0.100487
LOC653075	3.3076	2.15975	2.14601	1.79807	2.3263	1.5756
SLC7A11	0.430412	0.26811	0.459239	0.514373	0.292823	0.835122
MIR548P	0	0	0	0	0	0
MIR4758	0	0	0	0	0	0
NXNL2	0.222097	0.13091	0.174349	0.146746	0.197215	0.25704
OSBPL7	2.49369	4.74142	2.63877	2.99616	4.93551	3.99351
FZD1	35.033	14.2638	22.9222	26.5259	22.2843	22.9713
ANKS1B	0.669301	1.29937	0.988686	1.21302	1.5939	1.20237
SACS-AS1	0	0	0.172956	0.12872	0.0873097	0.05695
CRYZL1	13.6128	11.6666	14.3777	13.0771	16.119	11.0164
FEZ1	6.87338	9.39745	8.13718	6.58905	6.39439	5.11023
PGA5	0	0.137878	0.848062	0.246086	0.0882875	0.0971794
BET3L	0	0	0.0777498	0	0	0.0640027

CXXC1	22.0301	33.8623	26.7854	32.6419	37.7808	31.7544
RRAS2	9.39692	11.3917	8.56608	9.96753	7.04539	8.0088
CNIH2	1.73726	2.85253	1.56561	3.88395	1.68605	2.42293
MIR129-2	0	0	0	0	0	0
ZNF770	33.6428	22.9478	27.6702	21.2421	26.1552	27.942
TBC1D5	10.6553	8.4502	12.37	10.676	10.3054	8.73789
ACBD4	10.4411	13.3464	11.4089	12.5193	16.124	13.8887
KRT16P2	2.11402	2.24898	1.66887	2.51671	0.72201	9.53852
MAP3K11	24.7838	36.6824	24.8143	31.089	31.5699	29.844
LOC389033	0.494679	0.437364	0.74895	1.85798	0.630128	1.23305
GOLGA2P3Y	0	0.192544	0.0412144	0	0.0693513	0.152672
LOC728855	5.55034	6.9578	6.03419	7.17139	5.74955	4.6904
TRIM6	1.73168	1.15658	1.95604	1.26557	1.93878	1.68883
B3GNT4	0.644073	1.32871	1.13766	1.74713	1.95991	2.18518
LOC283683	0.224985	0.929558	0.624488	0.281677	0.717325	0.74774
TCN1	6.48186	2.95591	0.309903	0.768804	0.0434561	0.127554
FUT8	4.39644	3.30773	3.62339	2.83481	3.3104	2.93654
L1TD1	0.304786	0.100216	0.193065	0.170294	0.146678	0.128189
LOC10012889	1.34888	1.55556	1.24309	0.991233	1.79292	1.53494
RGMA	11.7795	14.2025	13.8759	18.6174	18.488	22.8958
PPAT	3.5711	3.67187	3.58443	3.89965	3.4875	3.56057
CCDC141	0.0724775	0.100697	0.0862178	0	0.0791337	0.0387128
MIR4429	0	0	0	0	0	0
SMR3B	0	0	0	0	0	0
ADNP	25.3985	19.7764	23.9123	23.5076	25.7217	23.5043
SLC22A6	0	0	0	0	0	0
CCDC88C	4.41974	4.23051	3.82237	3.28695	4.95625	3.17007
C7orf29	3.6794	3.8362	3.73129	4.79123	4.2226	3.4609
IQSEC2	9.46554	13.7092	11.0846	15.7357	13.4592	10.3525
WDR13	48.5364	68.8734	47.6682	63.053	60.9847	61.2373
GATSL3	7.67097	10.3762	9.52938	11.9433	9.52082	12.4204
ORAI3	8.13621	12.2373	9.87589	12.8647	13.9378	10.1111
CYP4F2	11.398	8.48023	14.0007	10.864	3.56128	4.63691
SYNM	29.2892	18.6986	20.4735	29.1219	25.8479	15.5691
ZNF806	0	0	0	0	0	0
AS3MT	6.07916	8.34853	7.89594	11.5768	5.06795	3.83877
LOC729570	4.74822	6.31953	4.97998	5.11412	8.29438	6.83458
LOC1002869	0.923987	1.28375	0.759417	0.570143	2.06871	1.59576
MIR4485	0	0	0	0	0	0
LOC128322	0	0.489427	0	2.59894	1.0577	0
ANKRD60	0	0	0	0	0	0
HERC2P3	3.63645	2.22495	6.19876	3.20388	8.45586	8.32008
OR4A47	0	0	0	0	0	0

HSPA7	10.2062	9.48911	7.1436	4.8298	11.2466	6.30957
FGA	0	0.0408863	0	0	0	0
ZNF710	8.58878	7.00803	7.63831	8.14766	10.7999	10.4704
CITED4	34.8039	42.2917	33.8744	83.7936	38.3278	47.8639
IRS4	0.0503367	0	0.0381052	0.0472654	0.112209	0.0470516
EIF3M	116.076	129.066	117.657	129.474	107.024	106.582
MIR640	0	0	0	0	0	0
SIRT6	9.86799	16.5878	9.92722	15.3614	15.2571	15.3727
GRTP1	14.638	18.2149	17.6478	17.5993	18.4489	18.292
ASH1L	9.63869	6.76721	11.5264	7.00784	8.9844	7.89849
APBB2	8.71146	9.45866	9.85082	8.30444	9.08823	5.77425
CHCHD4	15.1358	13.8651	10.8461	11.9144	9.92239	9.22749
OPN3	5.98477	4.74742	4.36183	4.92372	4.12842	4.7705
FCHSD2	6.64768	7.46132	7.98964	5.49221	8.028	5.25889
SKOR2	0	0	0	0	0	0
LOC10050553	0.221967	0.490622	0.16803	0.416846	0.212058	0.20748
HTR1B	0	0.0851226	0	0.0904032	0.0613198	0
ARHGAP24	4.14748	3.95371	4.06962	4.35303	4.13248	4.30306
GPC4	9.46663	6.5746	4.3916	6.58629	3.99717	4.73251
KHDC1	0.401445	1.41973	0.37987	1.31933	0.511365	0.437786
SMPX	0	0.243012	0	0.129043	0.175058	0
CLEC14A	12.4306	13.668	10.6419	10.5262	9.93241	8.64762
DEPDC1B	2.14784	1.7113	1.03838	1.13675	1.13015	1.70833
WDR26	35.0856	28.3071	38.9241	35.7743	39.395	39.4785
PLOD1	23.6229	20.77	22.9672	22.5507	23.7056	23.0714
PIK3R4	7.44052	6.20639	8.55737	5.47787	6.1886	6.36492
SEMA4F	3.02407	3.15617	2.2376	2.19906	2.34602	2.2954
PFKFB1	4.49706	3.49245	4.5544	2.39665	2.94162	1.59054
SLC22A4	3.51589	3.10138	2.2745	2.12874	3.3547	3.96364
CHRD12	0.37833	0.278746	0.429597	0.473661	0.401601	1.29668
PCDHB1	0.0397846	0	0	0	0	0.0495841
NIN	7.52414	6.09736	8.1421	6.01703	9.34375	7.55629
TIPARP	10.3961	8.03907	19.2605	11.0599	11.4129	10.3031
OR52H1	0	0	0	0	0	0
PRPF3	24.5972	28.0126	24.9788	24.4066	27.8382	24.7395
PRICKLE2	5.93715	5.46435	6.32192	5.94625	5.77508	5.68767
LOC10030374	0.166428	0	0	0	0.105999	0.207422
LOC10050562	2.75898	5.12256	3.3417	4.66315	5.97451	6.18941
MMP23B	4.94971	9.07013	6.94849	2.78905	7.81391	6.33661
ADCY5	5.95844	5.96607	6.54606	3.74205	4.57339	3.11581
FAM132A	20.7818	46.5806	21.7696	47.0794	43.381	38.2911
C7orf65	0	0.0302571	0.0518128	0.0642682	0.0871852	0.0213258
RSPO4	3.33805	3.06848	4.27526	3.48745	7.91643	5.36538

BBC3	6.70886	10.6155	6.41926	10.0679	11.3137	9.77133
CDC23	15.2205	13.6512	14.0877	13.0836	15.7902	12.3791
LOC728024	6.92941	3.89307	5.79186	4.87982	5.83847	4.36309
SNORA69	0	92.7154	0	0	0	0
PTGFR	6.10111	2.94933	6.66592	2.66079	5.44845	3.72155
ETV3	5.91838	3.51459	7.48845	3.18279	5.56601	5.33675
MIR422A	0	0	0	0	0	0
CEBPG	23.6891	23.4929	25.4708	20.6443	24.3339	21.9144
SNORD21	0	0	0	0	0	0
NDUFAF3	43.3172	45.6301	37.5651	46.4327	36.0676	34.5878
NRXN2	1.21122	1.30947	1.25303	1.46695	1.26593	1.14338
TAS2R41	0	0	0	0	0	0
NCLN	23.3421	27.4781	19.7349	25.0947	21.3368	23.0445
MIR3660	0	0	0	0	0	0
PSPC1	17.7418	15.434	16.931	15.4935	17.1105	14.245
LOC10050576	1.42398	0.489607	0.898298	0.891394	1.36041	0.591574
SNORD3C	1.29211	11.424	6.26006	12.1327	6.95394	1.20778
NBPF1	7.1936	5.69298	6.36364	3.51841	5.24187	5.05712
FIGLA	0	0.160773	0.412966	0.51224	0.231632	0.339949
KIAA0664	41.1339	46.0097	39.6588	48.7601	40.641	37.973
TBC1D13	15.0589	17.2549	16.1146	16.5283	16.0065	15.1275
PHF2	14.1982	13.2047	15.6098	13.2475	14.6175	13.406
MTRNR2L6	0	0	0	0	0	0
LOC730268	5.62347	5.83934	8.66071	8.30316	8.88967	8.15016
MED13L	15.468	12.7232	18.738	13.5219	17.4649	13.9251
TRMT6	14.5254	12.57	16.2938	14.1351	14.4096	13.9066
MIR3648	37.6582	0	0	0	0	0
ZNF528	5.90924	5.00779	5.16011	3.96006	7.74589	7.16614
C15orf50	0	0.0731418	0	0	0	0
C10orf76	11.5394	9.65662	10.1913	10.055	11.7804	11.245
BHMT	0.284317	0.428379	0.336217	0.191934	0.155582	0.327091
KIR2DL4	0	0.163841	0.0554198	0	0.0728555	0
ADAR	55.3018	43.486	39.0671	32.2573	42.4855	31.6569
XIRP1	0	0	0	0	0	0
ZDHHC7	23.1768	26.7481	23.0319	23.4319	27.6762	25.502
TRPA1	0.0192211	0.016808	0.044234	5.82E-106	0.0372823	0.0254135
CT47A3	0	0	0	0	0	0
KIAA2026	5.96757	4.72752	6.59632	5.70263	6.84476	5.94833
PEX3	32.088	22.1862	21.8345	17.5364	18.6459	19.5391
ZNF543	1.77988	1.2331	1.75157	1.28686	2.13234	1.83559
OR8A1	0	0	0	0	0	0
PAQR5	2.9741	2.34696	2.82427	3.78597	2.9093	2.81251
GUCY2E	0.0714105	0.220978	0.108116	0.0670533	0.0454817	0.0889999

MTUS2	0.199555	0.0863734	0.205529	0.254937	0.310393	0.214735
EIF2AK1	30.8916	26.4315	28.4839	29.0911	27.6585	28.1001
KRTAP2-1	8.49194	3.58872	0.124416	124.386	2.9169	1982.83
SNORD115-7	0	0	0	0	0	0
OR4C15	0	0	0	0	0	0
PP14571	0.153588	0.452642	0.310045	0.336505	0.586925	0.60616
CCDC154	1.49404	3.5913	1.37841	1.9728	2.79522	2.0948
C9orf79	0.0218026	0	0	0	0	0
ZSWIM5	1.39482	1.10264	1.04346	1.07859	1.30642	1.23732
TWF2	31.2729	40.8958	30.0627	32.1906	32.627	27.0303
SOX3	0	0.0438767	0	0	0	0
TANK	46.9896	31.615	37.3718	25.7423	32.5532	33.3268
ANKRD34A	0.4889	0.40824	0.493467	0.229535	0.397879	0.287736
PRKD1	4.68791	2.89662	2.5406	2.60111	2.37503	2.19098
LOC10050562	0.158902	0	0.358307	0.145991	0.202079	0.19347
C11orf86	0	0	0	0	0	0
VLDLR	6.46996	2.74226	7.54673	4.49017	4.59348	2.92859
SLC25A37	13.0831	15.7196	14.6021	19.6348	15.2054	15.4695
MIR4713	0	0	0	0	0	0
LOC158435	0.0836062	0	0.158226	0.15701	0.186372	0
HECTD2	4.37368	4.05042	4.70204	3.35156	4.42419	4.01774
CCDC19	1.16774	2.47787	1.85637	2.19298	1.07843	1.45538
GPC2	3.74298	8.94216	5.42576	6.73008	9.8654	7.5681
ZNF382	0.923334	0.753557	1.18287	0.83365	1.44757	1.01798
MIR942	0	0	0	0	0	0
HSPA8	422.195	288.879	249.116	229.951	183.774	244.914
LOC10065289	0	0	4.13E-17	0	3.00E-08	0.225798
AGAP10	7.41831	8.43246	7.69943	7.96401	9.19523	6.74036
PCNA	54.88	64.1034	43.7658	42.0307	47.2471	44.2924
CDR1	1.70183	2.10651	2.25452	4.47438	1.35488	1.27261
TMEM25	9.02517	10.6075	11.7221	11.3187	9.6077	9.43567
SYT10	0.0300439	0	0	0	0	0
DNMT1	10.9748	13.1494	12.1424	11.1147	13.4078	11.8647
MIR4256	0	0	0	0	0	0
MIR497HG	3.39416	9.01365	6.95312	8.06567	9.05628	7.84664
TRIM43	0	0	0	0	0	0
C8A	0	0	0	0	0	0
DDI1	0	0	0	0.0360965	0	0
PRG2	3.15991	10.4132	4.6754	9.17104	6.76953	3.84873
DYSFIP1	0.157886	1.53552	0.597601	1.18602	1.2067	0.7871
SUGT1	13.4883	15.7668	13.4934	11.9206	13.2647	13.2512
DPY19L2P1	0.0779496	0.049621	0.0443218	0.0156146	0.132446	0.119417
C5AR1	1.99525	2.26262	1.90444	2.19934	1.29841	0.837914



LMAN1L	0.727816	0.160872	0.321394	0.341704	0.0772583	0.491339
AQPEP	3.1622	3.12909	4.56566	1.80908	4.33482	2.1141
KRT86	10.2126	3.60877	0.707835	90.6751	3.25747	1089.31
SPRY2	14.9381	11.5726	13.813	13.2499	14.1008	13.6751
MGC24103	0	0.0544108	0.046587	0.115572	0.0391959	0.11505
TMEM199	22.9489	20.356	17.1461	15.8632	16.7587	18.4
ANPEP	18.1847	13.0142	14.5996	11.602	14.7469	11.4993
TRPM2	1.35234	1.41238	1.03661	0.597274	2.0337	0.985316
KIAA0090	10.5751	9.60547	11.2662	9.3971	10.0599	9.84615
C2orf56	10.7686	10.2194	8.70367	7.7659	10.8335	10.7276
MIR451	0	0	0	0	0	0
KRTAP16-1	3.10015	0.365461	0.0521518	30.5978	0.482657	88.6091
LOC10050743	0	0	0	0	0	0
CXCL1	0.825331	1.18577	1.48385	0.678101	17.2153	1.41436
PSMC3IP	5.07685	10.6562	4.90516	6.87029	4.58509	4.6992
IAPP	0	0	0	0	0	0
ATP10A	3.54745	2.95767	4.0212	3.31374	3.27787	2.89786
SAMD7	0	0	0	0	0	0
SIRPD	0	0.136555	0	0	0.0983702	0
MIR1290	0	0	0	0	0	0
PZP	0.167953	0.186132	0.158927	0.216845	0.147418	0.105128
RNF182	0.424639	0.401926	0.253612	0.539596	0.270455	0.93938
TOM1L2	23.207	27.6373	34.7316	38.2813	37.4747	38.1446
HIST2H2AA3	23.9756	25.5385	13.2681	15.2793	20.4213	25.7413
GAMT	19.4498	38.924	28.7512	48.0956	30.4263	29.1495
LOC10050549	1.35977	2.10388	1.95148	1.2502	2.02077	1.53582
ABHD10	11.243	11.2837	10.7538	10.664	12.4829	10.675
LZTS1	4.25811	6.70499	4.76852	6.39397	3.84389	5.06572
KLHDC2	33.6885	39.2693	41.3042	36.2064	40.66	37.3614
MBNL2	22.4202	18.3552	20.7725	17.1828	17.2303	18.5111
MSN	73.2734	70.6495	68.0613	52.8825	63.8989	51.0967
NAGLU	12.431	15.5966	13.4899	13.393	13.2032	10.3883
GC	0	0	0	0	0	0
ADC	2.53273	2.8613	1.91729	2.33415	3.34571	2.80585
LOC10050620	0	0	0	0	0	0
LOC10050668	0	0.109152	0	0	0	0
C14orf118	4.8991	3.03227	4.69749	2.33891	3.40625	3.53843
MAP3K2	9.68216	7.8253	11.1777	8.52217	10.7337	7.78204
ZNF224	9.56196	10.5752	10.8412	10.9424	14.9078	11.1919
VPS18	9.77833	9.19957	9.79374	10.0292	9.00646	8.51519
SPON1	10.889	9.13808	13.0132	6.82197	10.346	7.89793
RNF219	5.86566	5.60388	5.61882	4.09819	5.17002	4.79857
FGL2	23.1069	17.8131	26.3846	8.44368	20.8357	12.2997

HDAC10	13.1062	24.8338	18.124	23.7244	26.3392	21.8869
ZNF708	3.19088	2.15362	2.72898	1.62389	2.96313	2.17057
FAM167A	11.587	12.9371	20.1905	16.5546	19.1694	17.2136
ZNF563	2.29669	1.74503	1.79294	1.44893	1.9656	2.1468
LOC645206	0.320532	0.283394	0.727933	0.300974	0.326637	0.559277
MIR205	2228.27	4728.23	1687.59	2093.02	2271.49	2777.13
IGSF9B	0.468258	0.230003	1.13235	0.232057	1.38349	0.737603
RBMY1E	0	0	0	0	0	0
NKAPL	0.777377	1.31734	0.833678	1.45989	1.15527	1.13033
MTERFD2	15.5785	16.294	20.5482	16.7371	20.4664	18.1139
NR1I2	0	0.0897327	0.0276277	0.277237	0	0.0632454
DNMT3B	2.63153	2.48482	2.73888	2.708	3.72363	3.38275
MIR377	0	0	0	0	0	0
LOC10050637	0	0	0.498248	0	0	0
FUT4	0.71185	0.951053	1.12565	0.742685	0.896688	0.630891
NOL10	8.43895	7.58554	9.45473	8.47872	8.22347	8.06349
NLGN2	11.2966	15.3686	12.3698	12.1534	21.7306	14.4038
ST3GAL4	16.1801	14.946	17.093	19.6147	21.2256	17.9834
B4GALNT1	0.814999	0.887326	0.493829	0.436889	0.846836	0.405588
FNDC9	0	0	0	0.0453309	0.0614952	0
GUF1	10.6543	9.19559	12.6392	11.7582	11.06	10.0165
TNFAIP8	23.9307	21.9241	20.2165	13.8525	23.0123	18.6677
LOC153469	3.62E-09	3.45E-10	1.58E-10	0	0	0
ST20	3.70747	6.88138	8.2523	14.8579	9.06511	8.68638
CEP85	6.00234	6.77616	6.30876	6.40466	7.85122	6.46071
GPR44	1.512	1.4057	1.16413	0.56742	1.45291	0.694041
MIR130B	0	0	0	0	0	0
SRD5A3	13.9106	12.5098	9.88013	9.76834	8.63177	10.6014
UTP6	21.7424	24.6904	21.5554	19.9007	21.6929	19.5155
OR2AG2	0	0.332346	0	0	0	0
NEDD8-MDP	4.73608	6.86E-05	4.48E-05	3.22E-05	4.19781	0.488551
HCN2	0.60682	0.740897	0.940606	2.06211	1.12265	1.53058
SPECC1	4.3464	3.85653	4.18953	4.5887	4.81999	7.22884
ECRP	0	0.208947	0	0	0	0
ASB11	0.163905	0.201271	0.306367	0.182406	0.280702	0.185365
LOC10050557	0	0	0	0	0	0
ADAMTS5	2.6858	2.07239	3.26786	1.56818	2.22067	2.33706
C3orf74	0.559373	0.436378	0.921623	0.525242	0.859234	0.656146
OTUD7B	5.29991	4.15935	5.81524	5.61957	5.35725	4.85197
ABTB1	16.9144	37.8427	28.8155	38.5636	31.4173	28.9333
FLJ13224	0.130387	0	0.148055	0.0612155	0.0830439	0.121877
LOC340107	0	0	0	0	0	0
ANKRD20A8F	0.0267052	0.0897811	0.0229788	0.0140424	0.0430533	0.0688961

GP9	0.143409	0.126793	0	0	0.0913379	0
HAS1	0.197128	0.261432	1.15651	2.0361	1.66356	0.798472
LOC1005058	1.95727	1.21135	2.07433	0.183785	1.62058	1.58559
CDC42SE2	14.6279	14.6029	14.9997	12.9418	15.8696	11.2239
SQLE	30.1669	16.35	21.4517	17.2393	24.1704	25.3275
AKR1C3	101.256	103.695	77.9429	54.9064	28.8392	29.5839
DCST2	5.2325	8.69734	7.66856	9.15827	9.89118	8.21691
LOC1005056	18.8131	30.1242	19.7794	29.2451	24.4963	24.8793
KIAA1257	0.123	0.108749	0	0.0577477	0.313358	0.26827
SHANK2-AS3	0	0	0	0	0	0
IRX4	16.2041	34.9288	13.1602	27.4222	25.6596	29.1754
FAM19A5	3.55945	2.98319	2.86037	3.48587	2.83423	1.92799
AP1G1	26.849	19.3673	24.2359	20.8172	23.8854	21.3218
CAHM	3.57315	2.67313	2.18472	4.00035	3.85128	2.14099
OLIG2	0	0	0	0	0	0
OR8B12	0	0	0	0	0	0
DLG3	12.3459	7.0814	9.23984	9.29226	10.2407	10.2098
ATP2A1	1.03043	1.23006	0.64018	1.27992	1.184	1.12644
RPS19BP1	75.7693	100.543	77.1634	106.05	77.2952	84.1014
SP140	1.43897	1.81214	1.06106	0.514236	1.64361	0.985475
KIF3A	4.06228	3.26756	4.28905	3.628	4.24082	3.73055
AQP12A	0	0	0	0	0	0
FLJ38109	0.313732	0.126083	0.410222	0.214247	0.4178	0.28437
ALKBH2	16.3518	24.817	18.4594	21.8356	18.7215	17.1739
ARMC5	5.69308	9.16851	5.80654	8.26152	8.49814	7.89626
IDE	27.4859	16.3493	30.8092	23.4583	31.4465	35.1823
TSSC1	13.0474	11.4273	10.4797	14.2069	12.0162	13.6655
CYP2A6	2.2635	0.789825	0.676255	0.335529	0.456035	0.0371123
MYBL1	1.00144	0.680912	0.976253	0.615162	1.32873	0.696005
LOC441493	0	0	0	0	0	0
BAALC	2.52249	2.69468	1.86728	1.41509	1.82964	2.4449
H2AFV	48.3411	46.6791	39.3335	44.3987	45.1778	39.0851
LOC1006528	0	0	0	0	0	0
KIF2A	11.1252	7.07834	8.01922	5.23085	6.90206	7.51998
COMMD6	35.9931	46.7156	46.9485	44.334	37.2618	33.0961
CBWD1	24.7333	22.5986	23.051	23.1892	18.8354	19.0824
MKRN9P	3.5484	3.49125	4.93874	3.70802	4.51969	4.35088
RNGTT	5.32153	3.8984	3.60092	3.60996	3.72133	4.03353
DCP2	5.56144	4.4798	5.33335	4.02386	6.98811	5.40684
CT45A3	0	0	0	0	0	0
LOC1005061	2.8743	1.63368	4.19631	4.04839	3.92284	4.22198
AIDA	13.5977	14.2435	15.6989	12.0748	12.4152	10.9181
C3orf43	0	0.0511369	0.0437838	0.108618	0.0368375	0.0720846

RRH	0.0686872	0.242915	0.519966	0.386977	0.306231	0.256818
MIR4643	0	0	0	0	0	0
ZNF544	9.99058	11.2331	9.70257	12.0613	10.106	9.81814
GOLGA6L7P	0.3063	0.0866597	0	0.0460178	0.0312135	0
GTF3C5	26.5247	36.3269	29.3589	34.4981	34.3268	33.0124
EMB	23.6418	20.9425	25.6541	15.9564	33.0291	23.192
WFDC13	0.334085	0.146849	0.387978	0.537123	0.0529849	0.203456
SNAR-C5	0	0	0	0	0	0
BEND3	0.801745	0.518981	0.736981	0.631836	0.574466	0.544222
DHODH	3.28951	5.59642	5.28219	4.16519	4.41242	4.41035
USP47	17.2174	14.4673	16.359	12.5806	17.1443	14.8124
AKAP9	8.4606	6.40046	9.05102	7.64785	9.75373	7.31406
GSDMD	24.8661	45.0781	24.1962	27.885	35.3204	28.427
ACTL6A	27.0172	24.6915	22.4716	23.7441	22.5399	20.351
MRPL55	43.5149	73.9126	36.5853	61.6738	55.2111	42.1859
TOE1	6.1206	6.76883	4.38127	4.3515	5.64806	4.60021
SNORD11B	0	0	0	0	0	0
CD69	1.79003	1.95559	1.53698	0.484192	3.42917	0.515088
PTTG2	3.06348	3.83709	2.12581	3.83541	2.60153	2.54537
CT45A1	0	0	0	0	0	0
IMMP1L	4.81156	3.30613	4.43365	1.56491	2.76782	2.1791
ABP1	2.83491	2.43273	1.54641	3.95375	2.1773	2.3901
C5orf38	7.78705	18.6414	12.7207	17.8311	11.6596	16.0335
C12orf35	11.2444	7.43248	8.01275	5.17114	9.89733	6.76807
STOM	101.309	89.1441	81.9907	67.1575	74.9174	55.7605
FMO6P	0.386414	0.128116	0.0731294	0	0.276873	0.300996
C12orf11	7.85291	6.70669	6.98186	7.18549	8.02379	7.1634
OPLAH	15.7263	22.178	16.9834	20.0618	18.4998	16.4494
GZMK	4.88914	4.51916	1.93467	0.208674	3.39701	1.31562
HYMAI	0.0775171	0.138677	0.073705	0.0744193	0.124467	0.170378
LOC1005060	0.0386352	0.136635	0.380212	0.253945	0.615175	0.433365
LOC1001909	0	0	0.0210824	0.0523008	0	0
RDH12	27.1822	18.981	28.5979	29.1178	27.3113	34.1196
SERF2	99.7231	113.169	105.719	129.734	115.578	112.467
COX7C	600.119	624.105	513.56	619.313	479.606	482.695
LOC642846	5.79242	7.58047	5.48374	6.81957	6.92566	5.45377
FANCD2	3.94184	4.48584	3.25684	4.30341	5.38976	3.84361
CYP2C8	0.419325	0.674075	0.235134	0.499987	0.741518	0.652907
RPL23P8	284.195	396.473	338.105	447.614	346.578	320.641
EMR1	0	0.0561033	0	0.0297918	0.0808302	0.0197714
OR1E1	0	0.111692	0	0	0.0804594	0.177126
LOC1005060	0.0682983	0.0603851	0.0775533	0.160328	0.0761243	0.127682
CXCL3	0.390819	0.691075	0	0.183486	3.29812	0.487084

KRT28	8.55668	3.64459	1.4657	40.2316	0.755812	15.8797
POTEB	0	0	0	0	0	0
RSPH4A	0.39053	0.494115	0.534014	0.628684	1.03833	0.440241
CCDC74A	3.41645	7.81433	5.22893	8.08973	7.33203	6.52582
PPAN-P2RY11	2.10137	2.55733	0.0001452	2.97E-05	0.00716787	5.00E-05
FRYL	6.70524	4.94857	6.13363	4.90116	6.30105	5.71468
ZNF341	2.94558	3.47239	3.31095	3.15698	2.76671	4.28298
GINS4	1.29774	1.61984	1.02093	1.14688	1.31274	1.3954
ZNF430	6.10796	4.93014	5.77495	4.54145	5.39859	5.06457
BCAM	53.485	88.3281	56.9724	83.7198	70.8873	73.4572
RNU1-6	44.1589	56.5787	23.4432	64.9374	28.65	25.2188
PRR15	1.19805	0.891988	0.811461	0.828907	0.441761	0.667985
ORC4	5.65521	4.80242	6.51503	4.4661	6.08874	4.99741
GHRHR	0	0	0	0	0	0
RPL10	280.435	443.189	321.699	494.487	360.319	326.148
TIGD2	4.58813	3.31502	2.801	2.73315	2.60799	3.1973
LOC10050639	0	0	0.224279	0.556388	0	0
GALP	0	0	0	0	0	0
LOC10050630	0.152915	0	0	0	0.0973921	0.0476449
FBXO33	3.83369	3.53831	4.06297	3.07297	3.83525	3.70585
LINC00294	6.36002	6.96951	6.2612	7.90656	8.99528	7.10788
VPS35	34.1711	27.2093	32.8977	27.7402	28.2527	28.8789
MMP21	0.108279	0.191467	0.245903	0.203344	0.103445	0.0674749
S100A9	2051.58	1897.3	112.769	449.131	1416.54	935.775
ZNF711	6.42048	6.31649	10.0388	8.28676	12.5949	10.257
C17orf108	11.5853	15.9764	12.3002	15.6676	18.238	12.0324
OR9G4	0	0	0	0	0	0
LOC731424	0.0581199	0.154158	0.175988	0.0272869	0.0925423	0.0362179
LRRC25	1.18065	0.335525	1.53216	0.712678	0.966808	0.762007
MIR3681	0	0	0	0	0	0
FAM100B	26.5195	35.4968	32.0698	40.0944	31.8566	33.6932
ELF1	23.2203	17.4077	23.7629	18.3538	23.0707	20.0317
TAL2	0.627083	0.184809	0.474705	0.588821	0.399393	0
TMEM64	9.82023	8.01574	12.5619	10.3813	8.54947	8.09079
SELL	2.22519	2.00704	1.61214	0.824483	1.26873	0.838455
DNAH7	0.0151532	0	0.0458843	0.0711431	0.0337791	0.0472142
IKBKAP	12.0286	10.1509	11.6752	10.6044	12.1044	11.5117
LOC10065288	118.158	214.138	113.26	198.044	167.85	107.841
LPHN3	3.88757	3.598	8.62935	3.83429	8.82858	7.82785
KLK2	0.0352122	0	0	0.0330637	0.0897106	0
DAPK2	25.8469	29.3991	27.796	29.7628	31.9906	28.1708
LOC10012986	0	0	0	0	0	0
MAPK8IP3	21.0695	30.3713	28.5358	32.3678	39.8399	38.4182

MIR4790	0	0	0	0	0	0
MIRLET7C	0	0	0	0	0	0
CT62	0	0	0.043215	0	0.181795	0.0355741
SNRNP70	144.196	227.153	175.368	207.653	230.406	215.01
CNTNAP3	1.51524	2.06637	3.55238	2.75328	3.94792	2.66052
ZSCAN10	0.0410408	0	0	0.0770734	0	0.0767247
ACTC1	1.69783	6.02792	2.40988	2.31663	1.97686	3.65347
BPI	0	0	0.042844	0	0	0.0352686
UFM1	37.4302	32.3755	39.9557	29.1555	42.8521	34.1441
RANBP6	10.6745	9.21319	10.8999	8.28564	10.2956	8.86612
ZNF506	7.90065	5.63157	6.44411	6.35471	8.48359	7.67119
SNORD115-2	0	0	0	0	0	0
RAMP1	8.35923	16.4238	8.53776	14.2033	13.1833	14.8005
FAM125B	3.66845	4.58817	4.42358	3.97047	4.65887	3.28123
TM2D3	29.6418	32.9417	30.1962	27.8925	33.282	31.4206
PLD4	0.966009	0.711737	0.406264	0.554319	1.40142	0.802635
KBTBD12	0.219126	0.387651	0.276466	0.445805	0.430319	0.375513
PRTN3	0	0	0	0	0	0
LOC10050745	4.10533	2.72226	3.49623	4.65794	2.61471	2.13189
HOXD11	0.147828	0.2614	0.111906	0	0.0941522	0.0921199
C14orf28	3.87429	4.3348	4.51608	4.28177	4.47654	4.42264
LOC10050694	4.83885	5.29337	5.44282	6.10948	6.16378	4.29306
NDUFB3	90.4917	79.8562	71.734	64.7699	59.3022	69.5839
MAP3K13	15.9574	16.9615	14.542	14.4197	15.9014	13.8622
UBE2Q2	16.7545	16.5474	16.3215	13.1726	16.1935	14.2436
KIAA0895	3.14878	3.26538	3.46492	2.40644	3.80487	3.68317
RPS7	298.151	469.216	369.095	570.38	385.053	356.994
CFHR3	0.297082	0.295494	0	0	0.189213	0.104135
LOC10013182	1.99598	2.66544	3.49547	0.911108	3.2872	1.89771
LOC728369	0	0.00739837	0	0.00628586	0	0.00417161
LOC10065300	1.55904	1.61254	1.5068	1.05097	1.50627	1.24038
MIR4752	0	0	0	0	0	0
TMEM40	33.897	37.0983	34.7534	37.14	33.0519	39.6701
PGP	13.0452	15.4156	11.9556	19.1006	12.3522	14.8413
MPL	0.564897	0.332964	0.407266	0.68198	0.342653	0.301731
IGSF11	1.14762	0.609545	0.868757	1.64272	1.05947	0.80443
ARL11	0.182191	0.345176	0.256137	0.171075	0.580193	0.308163
SV2C	0.0429711	0.113977	0.162647	0	0.0273685	0
SLC25A25	10.0126	10.4952	14.0907	10.1008	9.93769	7.89721
LOC643037	0	0	0	0.222479	0	0
PINK1	79.0919	86.7429	64.4721	75.6125	64.8422	71.6492
IL17RB	2.7803	2.32408	1.60723	2.56319	3.09083	3.84314
CKM	0.832226	1.5848	0.678461	0.961781	1.42706	2.47336

PPP1R14B	57.2213	79.5311	49.3758	91.7559	52.7267	57.5936
WBP11P1	1.00424	0.562578	0.886665	0.754157	0.831251	0.959402
SNORD91B	0	0	0	0	0	0
DOK7	0.177411	0.250979	1.04554	0.521383	0.503622	0.811584
TPSG1	0.10437	0.828372	1.72787	1.06327	1.52763	1.04004
UCN2	5.44754	12.9079	8.19265	15.6865	11.8891	12.8092
LOC149950	0	0	0	0	0	0
CMTM8	17.0946	16.2241	12.6483	15.3261	10.9492	14.0832
THUMPD3	12.8247	10.087	10.2105	10.1909	11.2874	9.70065
CDCA3	5.21532	5.63573	3.58247	4.53435	4.61342	5.77771
LOC400927	5.94352	2.91938	4.25322	4.34068	7.99295	5.76139
MIR4718	0	0	0	0	0	0
LOC10013106	0.634857	0.471016	0.403288	0.694772	0.291126	0.295095
SEC22B	57.3273	37.633	43.8319	33.8187	33.9145	31.1779
CCDC140	0.124326	0.164882	0.0941155	0	0.039592	0
LOC442421	0.290812	0.16362	0.220146	0.347541	0.336763	0.280327
C21orf128	0	0.0988183	0	0.0599706	0.137287	0.0970113
ZXDA	1.49808	1.22645	1.5401	0.851039	1.48423	1.08336
ACRV1	0	0.406369	0	0	0.260209	0.239485
SLAIN1	2.93209	1.67907	1.9213	3.00801	1.93731	1.69966
FAM106CP	0.0597481	0.0264127	0.497526	0.336615	0.342485	0.186162
NUDC	44.71	54.1975	42.3856	51.8738	45.065	49.1063
TRIM45	4.38683	5.38034	5.3952	6.58921	7.6468	6.37145
PET117	6.01834	7.43825	5.93275	6.53013	7.31411	6.03743
LOC10050627	0	0.0466088	0	0	0	0
ZNF625	1.39843	0.55558	1.00766	0.888733	2.16824	1.25791
CKAP5	13.0374	11.3004	12.9078	10.8253	10.6515	12.2841
LOC10030264	0	0.451333	0.359647	0.892208	0	0.296057
LOC10050551	0.505315	0.335075	1.33884	0.948965	0.321838	0.393613
LRMP	1.98149	1.86523	2.41246	1.17433	3.66887	2.89014
ARRDC3	37.4123	22.6582	30.2861	32.0777	29.5468	29.929
MIR498	0	0	0	0	0	0
OR4C46	0	0	0	0	0	0
LRRC15	9.08391	3.05142	7.80494	11.7244	6.76022	26.4975
CHODL-AS1	0	0	0.566855	0	0	0
DAPP1	9.75828	8.74748	9.82378	7.34938	16.4873	13.2176
KDM5C	19.8889	17.8706	28.1683	27.4363	33.7602	32.0733
NRBP1	61.5978	67.727	57.4609	56.0073	58.0195	60.5883
AARS	29.2217	24.4282	23.438	22.3719	22.0108	21.8848
DNAH3	0.068431	0.121005	0.16692	0.0928137	0.140438	0.0947629
MT1A	1.01645	0	0.769458	0.477215	1.61846	0.316704
MIR4642	0	0	0	0	0	0
HSPB1	790.414	909.039	896.345	1350	1042.72	1537.68

C1orf180	0	0	0	0	0	0
NUDT1	18.4128	36.2087	29.8629	38.097	33.5475	27.7294
SLC46A2	8.26993	5.24306	10.5968	7.15926	9.85774	7.94388
FAM25G	15.3157	9.35261	16.38	14.9849	25.6344	33.1624
LOC390806	0	1.60379	1.37318	2.98074	2.31064	1.41298
FOXP1-IT1	0.0279171	0	0	0.0262137	0.0355611	0.0347935
TRAPPC4	33.523	35.2687	34.6632	38.9513	34.77	30.8684
TRY6	0	0	0	0	0	0
WDR6	30.85	40.3905	30.9258	41.0149	41.7397	41.1732
DUSP9	0.0852278	0.150706	0.193554	0.360124	0.108564	0.238997
KCNRG	0.667296	0.475062	0.76917	0.507859	0.830187	0.562329
SLC17A9	1.51375	3.08852	3.05577	2.40542	3.88117	3.09597
TIGD3	0.105253	0.139587	0.0398386	0.148247	0.201109	0.393536
FAM78B	0.21859	1.03074	0.882527	0.889427	0.696106	0.317837
LOC10065291	0.548898	0.121325	0.207759	0.128852	0.524394	0.427562
LOC10013224	78.5932	120.486	77.3481	118.222	116.718	105.674
CTDSPL	36.32	37.295	33.7373	37.0442	34.684	30.5841
RBM44	0.249497	0.421125	0.480761	0.255571	0.43338	0.282683
FBXL2	2.78324	2.94119	3.46104	3.1111	3.24953	3.63354
ZDHHC18	17.1654	18.4686	13.2332	17.2736	18.7706	16.3794
TAAR1	0	0	0	0	0	0.0713925
SNORA53	5.61412	3.3091	0	7.02876	1.19189	3.49848
TATDN1	10.6637	9.71565	7.96435	7.12503	8.09233	6.62959
LOC10028721	0.0357883	0.379701	0.189644	0.268837	0.189783	0.119481
EML3	24.7658	36.01	27.3171	30.559	34.2716	27.6876
SPPL3	31.4946	33.8065	33.5496	37.1433	33.3918	31.4664
MSC	4.63613	6.82148	3.28591	2.19712	4.38403	2.64172
OR2T6	0	0	0	0	0	0
KLK8	44.9056	47.8709	53.5457	64.6106	50.1002	51.8595
MECOM	2.60939	2.1128	2.09184	1.34894	1.75168	1.32624
SMC1B	0.02285	0.121215	0.103785	0.193102	0.0436599	0.0996741
DNAJC25-GN1	8.85E-180	1.91E-163	4.795599999	1.48E-179	3.38E-207	1.95E-224
RBPM52	6.57853	8.56419	6.86218	5.93394	4.25588	3.64755
ZNHIT1	47.4262	67.8172	47.9442	66.6891	49.4566	55.4611
NXF2	0	0	0.0220978	0	0	0.00791315
LRRN4	0.0745548	0.0329583	0.112877	0	0	0.0696891
LOC1720	0	0	0	0	0	0
SNORA44	52.4327	231.789	119.076	246.167	66.7894	228.717
PRPH2	0.45935	0.66721	0.47192	0.338896	0.982174	0.879188
MIR638	0	0	0	0	0	0
POTEI	1.41086	1.44785	1.26107	0.895205	1.2678	1.30525
RPS4X	741.998	999.556	1296.84	1839.16	1372.41	1317.42
LPPR1	0.273666	0.476709	0.176782	0.296027	0.23984	0.234663



SPAG11B	0	0	0	0	0	0
LOC10050659	6.96182	4.55194	6.7903	10.1658	9.37819	12.245
USH1C	0	0.161362	0.138159	0	0.13077	0.177705
PABPC3	103.047	90.8748	109.213	94.674	97.9609	101.505
LOC10050560	0	0.483156	0.483341	1.04126	0.391549	0.170265
MIR520F	0	0	0	0	0	0
ZNF639	9.13403	7.11364	8.13766	7.67879	7.8967	5.56865
CORO7-PAM1	1.30E-54	5.71E-53	2.14E-28	2.06E-57	0.0825201	0.086351
TSPAN5	11.9754	9.12659	16.0675	14.8659	16.4363	19.2436
CAPZB	121.614	124.603	112.752	115.836	118.728	118.465
DUSP4	11.9686	7.25865	11.6843	11.1594	9.34914	7.15459
GSTO1	61.45	71.308	43.0037	52.0872	45.1891	41.5914
TMEM183A	16.4269	16.7205	15.8488	18.0602	16.3237	16.4014
ZNF500	5.04312	5.26462	5.7725	5.44857	5.88227	4.50574
EMID2	2.11644	0.906373	1.30175	2.9499	1.32691	1.54556
CIDEC	149.719	188.205	203.044	100.787	85.6528	53.7127
SLC6A14	11.3506	4.03297	3.75822	6.0761	6.45907	12.7054
SALL4	0.0282072	0.024939	0.170824	0.132431	0.359307	0.246086
RIPK1	20.0262	21.1264	18.7585	19.5166	20.3078	13.9134
THADA	7.80535	6.72121	6.42206	6.46254	6.66521	6.89141
GRXCR1	0	0	0	0	0	0
MAST1	0.313576	0.381211	0.697301	0.88333	0.649085	0.732778
HUWE1	19.7467	15.5988	21.3953	16.3576	19.8872	19.9688
RIMS1	0.810588	0.454377	0.357746	0.53281	0.343032	0.201319
TTBK1	0.0400432	0.0354036	0	0	0.00850124	0.0249532
LOC10050597	0	0	0	0	0	0
LOC10050630	0	0	0	0	0	0
PSMD3	73.2514	78.2744	69.9111	81.516	65.9465	76.892
LOC10050678	1.33215	1.27067	1.85447	1.33246	1.34404	1.11168
ELOVL4	173.988	125.3	116.677	82.5233	83.7559	109.574
LIPE	41.6756	110.575	79.8442	38.0229	27.2144	17.3724
EID2	11.8239	12.3925	10.7291	9.70549	11.321	10.8327
HMG2	80.3851	99.562	84.8212	102.503	89.3141	77.6517
DPYD	12.2713	7.53511	10.0912	6.70963	7.24924	5.57389
PPM1H	3.15999	2.03066	1.63365	1.98295	2.01262	2.63197
DBF4	2.58553	2.27585	2.14567	2.21609	2.32389	2.21143
INS	0	0	0	0	0	0
HRASLS5	8.33219	7.79423	11.3529	4.10841	3.99164	2.78669
MIR4467	0	0	0	0	0	0
LRRC18	0.196971	0.29025	0.546731	0.431557	1.12907	0.327318
ISCU	128.897	125.642	119.098	125.848	99.4316	89.5003
DNASE2B	0.72595	0	0	0	0.0739776	0
UHRF1	1.55246	2.85592	1.31946	2.06902	1.48004	1.51366

RFX4	0	0.103227	0.0220958	0	0.0185903	0.0970085
POLDIP3	35.7369	37.9446	32.2488	35.9282	34.2435	35.9757
KDELR1	80.7675	97.7248	90.9577	107.014	91.1934	88.5396
WIPI2	27.5157	28.5146	31.4708	34.8786	30.3624	34.1839
LOC10050616	0.928714	0.785791	0.799368	0.408032	1.07268	0.665592
HSP90AB2P	0.852316	0.574739	0.874246	0.688945	0.714769	0.723937
FAM25C	15.3157	9.35261	16.38	14.9849	25.25	33.0673
LOC10050658	0.855834	0.577431	0.310755	0.397809	0.477199	0.592269
PCLO	0.67016	0.305835	0.613744	0.537746	0.508606	0.509863
FER1L6-AS1	0	0	0	0	0	0
MIR3690	0	0	0	0	0	0
TAOK3	9.93731	8.88378	11.1247	8.64518	9.17653	7.86131
MFGE8	57.7762	71.2666	59.2495	66.7347	68.2557	68.0787
MIR331	0	0	0	0	0	0
ALDH18A1	16.8738	14.302	17.0099	18.9383	14.1007	14.6082
UROS	28.8304	33.5333	33.105	41.1647	27.6638	26.3937
ATP4A	0	0.0243947	0.0208869	0.025908	0.0175732	0.0171939
C6orf141	3.30131	2.80867	2.92349	2.86593	3.68951	5.1625
MIR518C	0	0	0	0	0	0
CYTH2	20.224	22.3602	18.0469	22.4971	25.3643	26.6509
LOC439994	5.38548	5.21411	5.86616	5.85043	5.32349	4.49792
NAP1L5	3.33449	3.04174	3.32557	2.68374	4.14638	3.33126
MIR4675	0	0	0	0	0	0
CROT	23.8369	23.5189	20.5871	17.6855	22.6863	20.4349
GRM7	0	0	0.111023	0.0220332	0.0149449	0.0658025
LOC10013326	0	0	0	0	0	0
PML	35.9157	45.6425	30.438	31.9596	35.7679	25.6263
UNC5B	11.7869	9.2444	14.4283	10.5424	8.13379	19.6191
CCDC36	0.857078	0.659399	0.78931	0.630711	0.498627	0.580346
LOC286359	0	0	0	0	0	0
CD300E	0.445999	0.295743	0.654145	0.261741	0.390581	0.555855
SDF2	33.7815	33.2809	25.8975	32.0224	26.2969	27.7341
NMS	0	0	0	0	0	0
GALT	36.2374	53.228	44.4521	35.6503	55.7761	46.8397
C21orf119	6.61856	9.97452	7.6293	5.93224	7.47276	5.71793
TMEM75	0	0	0	0.0444245	0.0602656	0
ALG1L	1.11163	0.332114	0.815926	0.335634	0.383724	0.596543
TNFSF14	0.897956	1.39678	0.49068	0.134783	1.37105	0.426202
PITRM1	27.6772	28.8459	26.2613	26.1841	26.0364	24.3814
CIDEB	18.8346	22.7811	18.4387	23.7366	26.6233	22.2021
PNPLA6	11.3431	14.9485	14.5043	13.9548	14.9845	13.9968
C5orf27	21.627	18.5462	20.8853	24.0738	15.6386	17.429
KRT6B	508.491	404.029	358.767	470.613	283.224	949.703

LOC10050610	0	0	0	0	0	0
FKBP6	0.272316	0.38112	0.487998	0.199766	0.17344	0.228495
ART4	0.0797938	0.0705487	0.302022	0	0.203285	0
ITGB1BP3	0.202484	0	0	0.0950648	0	0.441629
CSN1S2AP	0	0	0	0	0	0
SNX5	35.7262	32.8731	31.3419	31.4799	30.4008	26.2204
KRTAP4-11	4.61702	1.36054	0.0728067	33.4596	0.310108	383.429
LOC441698	0.309176	0	0.234048	0	0.196916	0.192665
GSTA3	5.53304	7.105	3.291	2.35032	4.6148	5.82869
ODZ4	2.78218	2.29462	3.23254	2.44346	2.99299	3.4071
VPS33A	8.92474	8.64219	8.15994	8.77924	8.48941	7.2709
TTC33	3.81919	2.9758	4.01328	3.0294	3.55428	3.07547
FLNB	38.9789	34.1787	44.3215	45.8863	43.2374	51.3343
HAND2	0.0428514	0.0378865	0.0648774	0	0	0.133516
RNF122	3.01371	4.3422	3.0841	4.50675	3.87444	5.35582
CD300C	0.495946	0.438484	0.3218	0.133053	0.406119	0.485653
SLC6A5	0	0	0	0	0	0
JPH3	0.0496643	0.0435181	0.0932294	0.115324	0.0780544	0.0917184
SNORD115-1!	0	0	0	0	0	0
LRP1B	0.164012	0.210013	0.316816	0.228351	0.133277	0.123351
OXSM	14.4083	14.353	8.69144	9.98711	8.51037	10.3142
TBC1D29	0	0.358257	0.153371	0	0.129039	0.126253
MIR4676	0	0	0	0	0	0
DLG1	21.2157	18.2777	22.0916	17.098	19.0691	19.6834
FAM115C	4.13095	3.93121	2.05377	1.73021	4.29852	3.1142
WIPI1	13.8732	11.693	16.4273	20.8833	16.606	18.3331
ZNF829	1.22625	0.942545	1.20296	0.917672	0.938072	0.84769
VAV2	7.00347	7.81673	5.95084	5.17659	6.87936	5.58574
SLC35D1	6.98874	5.51277	7.86307	5.20268	7.31196	6.18736
LOC10065276	0	0	0.212177	0.131591	0	0
LOC10065289	2.09608	4.38233	2.49352	0.810524	3.795	4.34072
ZNF534	0.226607	0.044521	0.0381193	0	0	0
FAM71B	0	0	0	0	0	0
MIR1282	0	12185.1	2324.12	17795.1	2798.81	16343.8
HLA-C	430.791	426.63	367.244	295.481	483.919	272.466
HARBI1	2.18793	2.05923	2.03027	2.65088	1.66322	2.41898
SNX10	4.14384	4.66601	5.20159	1.64023	3.13853	2.03667
SKP2	5.61875	4.10165	6.7964	6.5685	6.2049	4.36915
DRAM1	4.9349	4.75532	2.60243	2.2388	3.28433	2.45327
BAGE2	0	0	0.103301	0.0320335	0.1358	0
GORAB	6.57611	5.66872	5.44101	4.685	6.7983	4.8264
RBM1A3P	0	0	0	0	0	0
RASSF7	34.7327	51.1898	36.3618	60.0132	53.9209	57.2513

TGM5	18.9573	14.5711	24.7415	27.1184	24.6724	24.7857
TMEM30C	0	0	0	0	0	0
RRP9	13.4758	17.1961	12.4097	17.0888	13.1396	12.4664
FLJ30375	0.213266	0.188557	0.129155	0.240305	0.190163	0.0531594
LOC729770	0.903931	1.2223	0.684281	1.14835	1.11757	0.960909
SPACA4	1.82738	1.50795	0.737781	0.571962	1.31905	1.06283
OR14A16	0	0	0	0	0	0
WRAP73	7.70822	10.4975	9.6469	9.92292	15.3221	13.9455
MOV10L1	0.273852	0.389266	0.319844	0.425118	0.537515	0.477987
ZNF227	4.46964	4.03831	4.98887	4.41136	5.27789	5.69256
FAM53A	0.644158	1.60872	1.02665	1.23999	1.15885	1.40048
MEF2A	24.3283	26.4345	28.2137	22.9303	28.8541	21.7353
MIR3713	0	0	0	0	0	0
SELM	59.845	112.672	78.5838	87.8364	82.6455	58.172
TNFSF4	0.309617	0.273744	0.426149	0.211437	0.448174	0.24556
LIG1	11.4847	17.0847	11.9898	14.4693	17.9555	14.7279
STXBP3	26.3716	20.1431	24.6338	15.2967	26.8893	22.3638
UTY	4.73329	3.98596	0.0443004	0	0	0
IGFL2	94.5094	57.4914	98.029	73.2155	125.766	111.292
LOC10050569	0	0	0.350162	0	0	0
ARFGAP2	48.0375	59.7414	53.2324	62.4815	61.8176	58.2645
C6orf99	0.217913	0.770658	0.164961	0.204617	0.27758	0.814764
SIN3A	11.3805	11.4666	12.1572	10.9166	11.6634	9.95391
PRRT1	2.68912	5.8711	4.44526	7.369	6.25666	5.36923
PCNAP1	0	0	0	0	0	0
FABP3	7.84269	6.93402	3.56218	1.37464	1.86482	1.7594
SLC44A1	22.6779	18.2396	24.3055	22.8767	23.0039	26.9078
HLA-L	0.90029	0.808368	0.507181	0.334211	1.02013	0.521881
GIMAP6	12.8243	11.2118	10.1008	5.88255	9.65932	6.32491
FOXD1	1.48152	1.23048	1.35941	1.72836	1.48686	0.895241
FATE1	0	0	0	0.10117	0.27449	0
ARRB2	16.0796	19.6136	17.7051	13.7197	20.9994	16.3965
LOC10050551	0.835185	0.492279	0	0	0.886557	0.346968
LOC441242	0.0528966	0.165373	0.240938	0.199158	0.220081	0.115826
GNG4	0.123937	0.173345	0.0800607	0.299253	0.177871	0.556332
STC2	0.305889	0.461352	0.749164	0.506868	0.550087	0.347596
SEC24D	8.12858	6.19038	7.33323	4.4805	6.84177	5.24469
FLOT2	51.5701	58.9709	46.4555	48.8894	47.4567	39.8433
TMEM39B	7.13616	11.9572	8.62595	11.348	10.1531	7.92561
CLCN2	1.79686	2.86084	2.27764	2.07524	2.88345	2.75142
DAZAP1	55.1185	82.5699	59.0095	81.4776	67.6056	71.5025
TNFSF18	0	0	0	0	0.110172	0
LOC643723	0.391436	0.230722	0.0493866	0.183776	0.0415513	0.0406544

MIR4299	0	0	0	0	0	0
LOC10013019	0	0	0.244796	0	0	0
DDHD1	4.58404	4.09083	4.92932	3.68076	4.14236	3.97842
TUSC1	9.53284	14.9033	10.4994	13.2539	9.69358	9.1529
LOC391322	9.26847	14.9844	5.2121	7.45967	0.0562204	0
NSL1	1.93553	1.86914	1.69769	1.62966	1.63759	1.44647
FBXO42	12.832	12.143	11.6617	14.0258	14.9834	17.3879
MIR654	0	0	0	0	0	0
HAVCR1	0	0	0.0429493	0	0.0513536	0.200981
B4GALT5	12.9418	8.33322	12.3198	7.54472	10.4043	7.47874
CACNG8	0.0540499	0.057345	0.0409161	0.101504	0.0688493	0.0740995
SEMA3G	34.6859	29.3029	34.5582	23.6061	20.9648	19.9097
TTY14	2.31137	3.21132	0	0	0	0
FLJ39739	2.60527	2.4952	2.23249	2.15826	3.26004	1.97212
NOBOX	0	0	0	0	0.063147	0
ARCN1	41.158	29.6566	37.968	29.6334	31.2012	29.1502
LOC10012941	0.0616671	0	0	0	0	3.13E-101
LOC10028929	0.935331	4.39675	1.40278	3.50196	1.3604	3.10224
GPR83	0.0453742	0.040117	0.0171743	0.170423	0.158945	0.0848258
MYH8	0	0	0.0119956	0	0.0100924	0
TOMM20	82.4629	78.3606	85.5672	89.4216	77.4941	67.0846
OR10T2	0	0	0	0	0	0
TMEM145	0.176953	0.312901	0.401863	0.553853	0.450809	0.367565
KIF16B	6.97366	5.93633	6.136	4.82808	5.33785	4.96507
RUNDC2A	0.771462	0.561711	1.51153	0.468723	0.751474	1.23092
TM4SF4	0.13254	0.117184	0.150501	0	0.0422078	0
DNAJB12	21.1936	23.2072	21.0703	22.5804	22.1632	22.0058
LOC10050557	0.655284	0.386044	0.578602	0.615407	0.48703	0.612642
RPS18	364.644	662.977	484.025	718.129	536.876	480.684
RNU6-21	0	0	0	0	0	0
TREM2	0.992879	2.53598	2.83943	1.76101	2.52948	1.09995
COLQ	2.33455	3.30812	2.49469	2.38545	2.99484	1.83973
UROD	39.5925	49.3267	38.1444	45.0862	39.2177	36.3126
ZHX1	17.3813	14.9106	20.1486	15.3679	17.8826	15.8053
RFPL4B	0	0	0	0	0	0
C10orf10	25.8517	57.5258	45.7869	22.2084	30.7624	36.0788
FGD3	4.10344	5.04292	4.20686	4.5547	7.83389	4.94665
MIR423	0	0	0	0	0	0
OR2T5	0	0	0	0	0.0801303	0
LOC10050561	0.532031	0.37631	0.845775	0.94918	1.08433	0.464155
SPDYA	0.917336	1.86506	0.591566	1.51238	1.6329	1.57944
DKK3	40.6072	40.6645	41.5094	40.1423	40.6065	33.7711
TPTE2P2	0	0	0.0950501	0.117899	0.319881	0

CALCB	0	0.199854	0	0.955135	0.215953	0.563445
MIR3688-2	0	0	0	0	0	0
PCDHGA12	0.931319	0.612063	1.01619	0.792164	0.689505	0.813345
C22orf33	0	0	0	0	0	0
PLA2G15	9.45426	13.6279	11.4177	16.0277	13.1207	12.975
ETHE1	49.5628	58.7905	38.4526	50.1662	43.5025	49.4782
SALL3	0	0	0.0153177	0	0	0.0126093
OPN5	0	0	0	0	0.0179782	0.0175901
KBTBD11	2.08613	2.09537	2.57831	2.17205	1.70829	1.20271
TNPO2	29.5519	34.1082	37.825	36.7294	43.0462	34.6918
BTRC	7.28834	7.21819	6.45721	5.84289	6.60846	8.0724
LOC10012794	0.169485	0	0	0.159144	0	0
LOC10050699	0.55081	0.730487	0.387183	0.184715	0.751744	0.465827
KDM4DL	0.130309	0.230422	0.131526	0	0.248983	0.243609
LIN52	4.95351	5.41007	4.19099	2.68132	3.93436	4.28522
LOC10012788	2.08206	1.72565	3.00984	4.81664	3.10365	4.64443
EREG	2.75992	1.42342	5.2865	1.74732	4.24804	3.50488
C12orf54	0.136818	0.120965	0.310715	0.770817	0.17428	0.341035
LOC731282	0.448246	0.198155	0.339325	0.631344	0	0.418992
LOC10013298	0	0	0	0	0	0
LGALS8-AS1	0.301464	0.399628	0.119828	0.451863	0.403013	0.141344
MIR1184-3	0	0	0	0	0	0
CKAP2L	1.05601	1.17374	0.708043	0.679937	0.749443	0.733266
GPR139	0	0	0	0	0	0
MIR3937	0	0	0	0	0	0
CTNND1	103.153	84.9787	92.6289	97.0144	107.86	98.7378
MIR3960	0	0	0	0	0	0
NDNF	1.04212	1.01352	2.15631	1.07639	0.862855	1.03905
LOC728047	1.10093	0.793219	1.26533	0.679457	1.09036	0.908283
DOLK	7.74609	7.79182	7.30346	7.2299	5.67208	6.99486
LOC389332	0	0.110144	0	0	0	0
CNGB3	0	0	0	0	0	0
BTNL9	27.0759	46.5615	26.5563	18.3822	22.0926	12.8644
MCM5	13.0613	21.1363	12.2845	17.356	15.9318	15.4153
C2orf83	0	0.0459	0	0.0487474	0	0.310944
ANXA1	225.698	243.77	310.216	208.172	190.077	173.723
FAP	3.81278	3.11661	6.3989	3.10729	5.58986	4.14673
PRPF40B	10.4027	15.4805	11.3258	13.4719	13.9645	12.938
LINC00290	0	0	0	0	0	0
LOC10027183	29.181	39.4112	14.8414	42.3647	33.2437	33.6235
PDGFRL	14.6295	13.8515	28.0172	9.38005	14.2894	9.25258
MIR143HG	21.7264	24.9033	15.8557	16.8787	15.3047	11.6756
NFAT5	14.7636	10.3332	14.5207	12.066	13.6094	12.2846

SOX21	7.22351	8.9412	11.6656	12.6988	15.9235	15.7298
C7orf50	31.391	47.5638	31.7685	46.9563	39.818	42.5566
PRR7	2.02922	5.59534	2.30111	4.756	3.1188	4.94136
METTL8	4.33376	4.23403	4.62607	4.07573	4.85513	3.54644
SIGLEC12	0.272931	0.227646	0.19491	0.256278	0.173831	0.0377952
FAM123B	2.00741	1.35839	1.74035	1.74804	1.69281	1.67723
PPIG	21.5561	15.5219	20.1032	12.8331	18.4472	15.764
PDE1B	7.07773	11.4042	8.90885	7.16482	9.62522	6.89371
TM4SF19	0.163168	0.438685	3.38E-07	0.324131	0.356814	0.859511
IFT52	15.4802	17.0385	16.4061	16.6122	15.6946	11.4184
FGF22	3.40093	5.46707	5.85363	12.7754	10.8961	23.6978
ABCA4	1.42737	1.28494	2.16105	3.22885	2.47936	5.35303
ZNF530	1.64456	2.19586	2.41366	1.85936	2.75752	2.34245
PNRC2	51.1156	44.6005	50.7472	41.5053	52.116	47.6751
KIAA0907	33.6947	33.3465	30.4533	30.3482	37.5179	32.496
RASSF6	2.91416	2.25806	2.72301	2.36218	2.30582	2.36892
TP53TG5	0	0	0.151713	0.536822	0.426042	0
CC2D1B	9.39846	11.3693	9.63179	9.14359	10.6537	11.4809
LRP5	12.339	13.1842	16.0939	13.0675	12.5717	10.7788
MICB	1.83056	1.5825	0.862238	0.458363	1.32147	0.912761
TGIF1	26.3605	30.0384	30.894	32.6776	31.0283	30.4397
HLA-E	390.3	465.226	346.925	314.488	404.805	250.068
CCDC144A	0.160336	0.0872052	0.987253	1.27097	0.553338	0.386055
CCDC82	12.1059	12.552	14.1074	8.95603	16.2384	11.2244
SERPINF1	141.939	184.878	226.818	118.754	130.001	82.3879
GBAP1	9.29077	10.0498	11.5974	14.5158	11.2326	13.4237
ELAVL4	0.250372	0	0	0	0.0354326	0.0346678
LOC10065278	0.00064124	0.90611	5.18E-07	2.04E-06	5.28E-05	0.237142
OR4D9	0	0	0	0.237241	0.160919	0
DNLZ	13.9469	19.8576	11.3806	22.9603	14.6509	11.7386
TBC1D2	10.3211	10.4138	7.9257	9.16068	9.75614	8.91536
TLX3	0	0	0.0546402	0	0.0459714	0
MIR548AG1	0	0	0	0	0	0
SNCG	20.2225	37.36	33.7016	29.7582	22.5877	18.3384
TMEM179	0	0	0	0.123039	0	0
RPP14	9.72323	7.11903	10.2614	9.70512	9.06121	8.18358
PUM2	34.195	29.2553	33.0414	31.1534	34.9261	34.3965
LOC10050675	0.387685	0.0761703	0.652176	0.525821	0.507555	0.214745
ISYNA1	19.1579	30.8161	17.8952	28.6324	20.21	21.1454
SMA5	1.18521	2.14105	1.98935	1.64447	1.80597	1.78353
C4orf52	31.0495	32.6566	27.6988	29.5885	22.9367	25.6784
LOC10050676	13.7073	11.1886	14.0946	11.3415	14.3482	13.9604
RECK	6.55137	4.45113	10.9007	4.54147	8.86328	6.1101

LOC643072	1.92026	1.34415	2.02634	2.39915	2.11902	2.18266
ACSM2B	0	0.0371763	0.143244	0	0.0267807	0
ENGASE	18.2595	26.3913	21.3057	24.9547	31.9104	44.4966
MIR4447	0	0	0	0	0	0
BOLA1	16.0868	34.6684	20.3326	29.9408	27.7185	23.3609
CXorf64	0	0	0	0	0	0
LDHD	47.5269	60.1616	30.498	31.3012	23.6279	31.7484
WASF1	3.80842	3.63255	4.04566	3.38692	5.1633	5.01611
LOC10013436	0.748318	0.360881	0.257491	0.383268	0.389952	0.296749
GPS2	41.4168	55.1436	42.6931	50.4739	50.1381	46.7576
HDLBP	82.3434	75.439	88.0133	80.3538	76.3442	75.9669
LOC10050570	0	0.3039	0	0	0.21892	0
C19orf50	49.0537	61.0473	43.7073	59.4551	57.4533	53.191
DAP	47.4523	40.9572	39.5664	43.946	32.8195	31.7326
TNFAIP6	1.44965	0.674572	1.96375	0.573135	0.631723	1.04599
RPUSD3	23.0595	27.076	20.6299	24.3055	22.5233	23.5138
LOC284801	0	0	0	0	0	0
MIR32	0	0	0	0	0	0
DEFB4B	10.503	3.79183	0	0.493109	1.50512	2.04533
THOC5	10.9361	11.4499	9.72814	12.3564	10.3773	10.5356
LEP	7.06642	6.0699	38.7717	19.1236	11.6541	3.93808
SGMS1	11.3182	11.0675	13.4639	9.55016	12.8227	12.2209
SPHK1	15.6838	25.8523	17.2585	21.4208	21.3752	19.1645
C16orf57	17.1684	16.9775	12.6205	15.1853	11.6788	14.0716
BNIP1	62.6827	79.9558	88.1812	104.858	142.166	147.412
MIR3175	0	0	0	0	0	0
PCBP2	105.76	119.822	114.497	129.559	112.122	102.193
TMEM8B	8.40701	10.6791	8.90355	12.1548	14.3412	10.6126
LOC729711	0	0	0	0	0	0
SNORD105B	0	0	0	0	0	0
CCDC75	2.92115	1.95659	3.01545	1.41302	2.25515	2.20647
MOB2	45.0569	65.2998	49.7872	68.211	55.6952	53.3924
LOC643770	0	0.0506606	0.130128	0.0538033	0.0729888	0.178533
MIR4500HG	0.0631846	0.111728	0.191324	0.237317	0.241456	0.118122
GBA2	38.7982	39.2329	38.2844	43.4816	41.8142	40.5498
LOC401296	0	0	0	0	0	0.0475845
SH2D3A	9.29907	18.3084	14.0789	18.9186	15.4647	16.821
PER3	19.2926	26.0901	20.1455	19.6347	17.5972	14.1925
RALYL	0.0342858	0.121254	0	0	0.304024	0.130139
C17orf64	0	0.437778	0.281122	0.116234	0.0788404	0
AGBL4	0.232904	0.323588	0.377807	0.0937258	0.296676	0.311006
SLC6A11	1.19474	1.42373	1.8875	1.31694	0.992526	1.26243
CDC20	5.05496	6.8155	3.68299	5.7551	4.58766	6.26052



REM2	0.336689	0.644971	1.06198	1.31727	1.00072	0.664399
MRPS31	16.495	14.6564	13.5429	11.0963	15.4712	17.4385
KIAA0430	14.7735	13.3047	16.0718	12.299	16.289	12.773
FGF11	10.7762	16.4123	16.0917	14.6928	22.5411	17.5241
LOC650293	0	0	0.160048	0	0	0.131749
MYLK2	0.107365	0.0632835	0.0541839	0.168023	0.0227938	0.089207
CT47A6	0	0	0	0	0	0
RPL13	840.289	1663.7	1237.9	2218.04	1433.55	1327.95
COL8A2	7.10766	5.14683	6.18927	8.02516	7.49856	8.16548
LCN1	0	0	0	0	0	0
MIR130A	0	0	0	0	0	0
KRTAP5-7	4.86057	0.798027	0.306623	34.2301	1.28989	214.267
RHAG	0.0537923	0.0475598	0.122163	0	0.0342606	0.0670422
SLC25A22	14.1884	17.8439	12.442	13.8645	13.5121	12.8226
LOC10050695	2.44452	1.92114	1.26794	1.36021	1.58576	1.32585
MAN2C1	42.3323	74.7066	57.9475	64.114	63.6175	44.8953
MIR3915	0	0	0	0	0	0
RBM14-RBM4	3.43348	5.29889	9.10012	4.2621	5.92409	3.98185
IGANRP	0.0296482	0.0262131	0	0.0278392	0.0188831	0
MIR890	0	0	0	0	0	0
SP100	25.6776	23.2183	20.4003	16.8811	20.6908	14.0402
CLASRP	31.735	43.7334	32.9423	46.2533	46.2014	40.0169
C19orf71	7.88419	10.3667	10.1003	10.6301	17.3821	17.2588
C11orf63	1.85382	1.7252	2.70334	1.53853	1.65447	1.83427
ECHDC2	82.5883	120.533	74.239	93.4314	81.7725	82.1612
STK19	24.3215	28.4317	21.2125	26.7638	28.6545	23.9971
RPS27A	426.763	581.443	421.357	621.697	473.501	436.728
RSPH9	0.771594	1.42889	0.0934565	0.463688	0.419357	0.410305
PPIP5K2	10.9282	8.92128	10.7132	8.61959	12.25	10.3398
PRLR	2.22063	0.804794	1.88064	1.40618	2.08498	1.58719
SNORA67	508.026	552.818	414.161	513.723	497.791	487.046
ZBED5	31.6399	35.15	30.4638	26.7752	38.5549	34.5805
FAM170B	0	0	0.116575	0	0.0490401	0.0959631
RIN3	5.43345	7.29567	5.80454	6.34165	6.37138	6.72433
PRPF19	53.333	56.6304	47.0749	54.1264	49.6669	51.0016
FAM46C	5.71562	3.88266	3.71771	3.36807	2.63682	2.46501
FLRT3	3.55557	2.32454	4.53976	4.43296	4.61943	7.34988
LOC10013108	2.12753	3.10249	1.60544	3.16221	3.79043	4.32668
LOC10012921	0	0	0	0	0.0305872	0
ANKRD36BP1	6.09059	1.97612	5.92188	2.62338	4.73325	2.95971
LRWD1	5.58289	6.71501	5.67653	6.21118	6.43406	5.42346
WSB2	29.4093	27.9105	24.7278	25.3884	21.3907	23.6416
NUP35	8.91259	7.24725	7.45291	8.79638	9.07408	7.05392

C9orf171	0.0586097	0.051819	0	0.110067	0	0.0365231
SLC43A2	8.34544	10.1015	10.7047	8.76913	12.6132	13.1664
LPAR3	3.67531	1.62474	2.3649	2.35822	2.18477	2.17578
CD1A	9.66212	10.2338	12.0667	5.71066	20.2421	8.86343
LOC10050743	1.08525	0.995003	1.03189	0.958499	1.67981	1.82257
SLC39A8	29.369	17.8602	18.0234	24.7226	14.8207	19.7626
C11orf9	0.401212	0.50204	0.631816	0.533184	0.627055	0.405793
GSX2	0	0.0817944	0.140066	0.0868685	0.117844	0.0576503
BFSP1	1.39973	1.72257	0.793538	1.59819	1.17734	1.81947
ZNF676	0.74652	0.480019	0.539433	0.573522	0.345791	0.253745
PPIL6	0.468846	0.495203	0.359687	0.436243	0.358622	0.367863
LOC728431	10.0463	12.3814	10.4282	16.4369	8.67682	8.63181
VIM	719.515	934.14	891.669	776.716	739.883	500.552
DAZ1	0.70474	0.252264	0	0	0	0
PRRG2	11.7456	14.2617	11.7961	15.2935	12.518	13.2237
PPIL4	12.1343	9.4269	10.4808	6.46277	11.5039	8.77639
HIST1H3A	1.08791	0.320619	0.274517	0.340509	0.230964	0.677937
NXT1	12.168	14.2839	10.1401	17.0903	10.8107	10.2588
SNORD32B	0	0	0	0	0	0
RPRML	0.420182	0.557247	0.47712	0.591816	0.869752	1.17828
PPFIBP2	21.8394	20.5524	19.6846	24.1146	25.3137	34.0579
ATP5S	9.22726	8.54671	9.42999	7.35285	8.125	6.7671
IL32	55.9758	61.6339	32.7689	18.4067	64.3322	29.0372
ADRA2B	0.665299	1.2299	1.46512	2.24326	4.25659	1.73372
LOC728613	2.07108	1.53205	1.77489	1.35788	2.87878	2.39464
PPCDC	5.93873	6.67524	4.3214	5.27378	5.3071	5.73762
MIR103A2	0	0	0	0	0	0
B3GNT8	2.05748	4.3265	2.6941	5.32589	3.54168	6.79185
LOC10012821	0.10876	0.37053	0.329326	0.612741	0.312795	0.636326
TBC1D3H	3.58844	6.50328	3.5567	4.70067	7.03914	6.7759
SNX3	127.252	116.295	120.676	97.5732	105.554	95.2678
PHC3	6.83715	5.46209	7.60382	5.63399	8.22329	5.54388
THYN1	42.7309	46.3754	36.4998	35.692	37.942	37.0849
ZNF593	25.0627	43.5665	22.5098	30.3143	22.9969	23.2946
KCNMB2	0.215432	0.190472	0.191114	0.148851	0.134619	0.100685
RNY3	0	0	0	0	0	0
PPP2R5C	27.6391	23.9325	27.9604	23.9294	24.9195	22.4385
STXBP1	13.3592	15.554	13.6447	12.7113	12.3389	12.6102
NDST4	0	0	0.0223576	0	0	0
GLP1R	0.285549	0.0280516	0.168126	0.0893754	0.343528	0.158171
KIAA0494	37.909	28.0506	34.0317	26.7477	29.6275	27.0202
BEND6	0.371274	0.492386	0.64643	0.418345	0.803987	0.300771
GUCY1A3	5.88149	3.22117	3.20896	2.9329	1.86595	2.71515

MIR4517	0	0	0	0	0	0
C12orf56	1.33803	1.4834	1.22208	0.940126	0.857587	1.08163
ZNF32-AS3	0	0	0.0407686	0	0.0343006	0
STYX	7.64925	7.70428	8.74037	7.35999	7.77843	6.05939
MAP2K1	27.7664	25.6405	24.5113	21.1414	18.3509	20.1535
RNF133	0	0	0	0	0.0478425	0
ZNF589	28.8805	31.3611	23.0379	26.6783	17.7226	20.954
LOC10013109	5.2831	5.57705	5.3559	5.91844	9.79373	8.98174
PTTG1IP	94.9127	85.6966	81.399	96.9852	91.1032	87.4852
LOC387895	0.227027	0.200723	0.343721	0.426349	0	0
PRAMEF25	0	0	0	0	0	0
LOC10050699	0	0	0	0	0	0.109227
IFT27	21.9045	22.3489	20.6409	25.7041	17.5923	19.139
NANS	32.7554	25.0617	21.3899	26.1939	20.5755	20.8043
C19orf70	58.8298	79.8653	51.0569	75.0863	55.2175	50.7539
CCNT1	2.47022	1.10934	3.44312	1.43588	2.44735	1.68594
C12orf69	0.146516	0.0863601	0.258798	0	0.155528	0.213039
DCAF12L2	0.3096	0.239513	0.322258	0.363387	0.271131	0.144697
PTPMT1	20.2241	24.8318	20.9025	21.9955	16.9597	16.1715
ASB9	1.90872	1.61488	1.44373	1.19754	1.72986	0.891602
POU4F2	0	0	0	0	0	0
ASB6	11.1182	12.7823	11.5263	15.0117	15.9179	13.3022
FHIT	4.05933	5.79307	5.01142	9.13875	5.42539	5.35768
GLDC	26.7508	24.7408	21.6303	18.176	10.4646	14.8622
SEC13	55.0447	52.3896	50.5777	52.5787	50.019	52.8103
REG1A	0	0	0	0	0	0
FOXD4L6	0.102105	0.0467983	0.105216	0.0847149	0.0786876	0.0735023
MBD3L3	0	0	0	0	0	0
USH2A	0.0197722	0.013111	0.0112257	0.0278486	0.0349806	0.0215621
ATP13A2	13.276	15.3699	13.0579	17.2238	14.7131	18.9332
C11orf35	3.76343	8.22301	5.42799	7.61273	8.66179	7.13414
MRPS36	15.8978	13.4702	12.9122	12.6731	11.0219	11.7128
SNRPB	95.5338	121.223	102.705	138.106	110.095	106.45
BTF3L4	21.1607	18.7367	19.0394	16.8187	21.7885	17.7493
ANKRD56	2.31851	1.2661	2.45201	1.79286	2.08471	2.27343
AMOTL2	13.6015	13.5823	22.7166	18.8032	15.3295	12.744
NEK11	2.70598	2.5622	3.54813	3.00213	3.01926	2.9338
ZNF579	6.09377	9.43897	4.68454	8.29462	8.63483	7.59476
LOC10028949	0.299813	0.397613	0.813273	0.680338	0.509206	0.404799
RPL18	1458.83	2560.58	1861.43	3399.36	2118.42	2017.28
MIR4772	0	0	0	0	0	0
FAM64A	1.19989	2.82436	1.52487	2.73899	2.11191	2.50789
FOS	9.25916	12.0905	129	8.07004	110.199	13.0486

TMEM151B	0.0419025	0.0370475	0.237903	0.157383	0.120096	0.0913914
RGS14	9.08138	16.8154	11.0292	14.0364	16.9317	14.021
LOC653160	1.87596	3.12208	2.42255	3.10853	4.07641	2.64749
LOC10050664	1.14466	4.04814	0.216628	0.268704	0.9113	1.78326
GGT6	58.4831	61.4475	64.4823	71.3902	70.957	74.1453
PEBP1	330.955	358.955	287.912	341.783	248.405	240.475
DCUN1D4	11.5722	11.3611	13.7502	11.4201	13.8194	11.0461
SF3B14	78.1059	74.9209	73.3119	67.2674	65.5888	68.4099
COL20A1	0.116588	0.164928	0	0.0875798	0.0742558	0.0435918
LOC283914	0.0356363	0.0705487	0.0873812	0.0749251	0	0.022207
LOC285141	0	0.42222	1.80754	0.896825	1.3687	1.19036
LOC10050693	0.774845	0.411041	0.469249	0.145513	0.394802	0.28971
LOC10050647	1.67896	2.12062	6.53648	5.85564	3.89545	2.69038
CDT1	3.90048	8.15718	3.35017	6.93761	5.99562	6.1934
LRP8	2.32216	2.08577	1.95899	1.69979	2.3732	1.70306
STMN4	0.167861	0	0	0.315238	0.0534559	0
MNS1	2.85746	2.12036	2.16311	1.77277	2.43741	2.67097
PCDHA1	0.0538086	5.20E-07	1.93E-13	4.63E-15	0.0549723	2.44E-06
KRTAP10-1	2.31721	0.204873	0	37.3879	0.619619	149.308
VN1R5	0	0.0949277	0	0	0.068383	0
TUFT1	29.1299	32.2597	51.1885	60.3263	58.266	62.4429
ASB14	0.977167	0.822474	0.80965	0.786294	0.977527	1.01503
HSDL1	9.23054	10.6417	10.4922	10.9857	11.0088	9.72107
NR2F6	53.7604	62.1092	47.0695	73.9212	46.7753	60.5626
MXRA7	95.3904	107.738	54.6283	60.6476	41.8099	34.1177
C11orf21	2.72811	1.91233	1.46034	0.403682	4.8818	1.52429
SPATA13	9.67059	6.06981	8.10749	5.75059	7.7558	6.43477
ATP1B1	153.797	59.6438	85.8239	134.468	90.4431	90.6963
MIR1285-2	0	0	0	0	0	0
LOC10028960	0	0	0	0	0	0
MIR15B	0	0	0	0	0	0
MTMR4	18.6712	13.6307	16.1042	13.5811	16.5292	14.1035
GPX2	27.1107	30.5638	14.6976	24.1225	23.9777	15.9352
FLJ46010	0	0	0.0638398	0	0	0.0262761
LOC727710	0	0	0	0	0	0
MRPL45	35.7237	31.6576	31.1206	36.3926	29.1933	27.7401
MIR3162	0	0	0	0	0	0
B3GNT1	13.627	13.1034	14.57	14.5701	12.6069	13.0166
OR7E156P	0	0	0	0	0	0
OR1J1	0	0	0	0	0	0
PHACTR1	1.00757	0.857943	1.46737	1.36551	1.44809	1.48647
TMEM5	12.0156	14.1866	11.4687	12.1935	10.6474	9.99905
C5orf41	5.71765	4.12927	5.76266	4.17449	5.6639	4.92632

TEX2	15.2364	10.1912	12.3078	10.8589	9.9332	10.91
ANKS3	8.37483	17.4553	10.9271	15.7523	13.6911	12.627
PSMB2	24.4612	21.6871	20.6168	21.923	16.6215	18.5186
CDYL2	0.319547	0.443965	0.138228	0.257185	0.174447	0.142234
ZNF14	3.52534	2.96846	3.48203	3.46787	4.14848	3.91248
LOC100506191	0.252496	0.446481	0.382281	0.474179	1.28653	0.472034
LIMD1	7.95145	7.04556	7.39819	7.25196	7.47427	5.95419
HES4	20.5322	43.5531	19.915	60.7626	31.6698	36.3299
FAM189B	10.914	14.3305	10.5092	12.4837	13.1775	12.6289
NEDD1	7.02843	6.49442	5.52058	4.19255	6.42086	5.33937
MIR3150B	0	0	0	0	0	0
CD3EAP	1.43493	2.20594	2.12882	2.7112	1.83385	2.06814
FLJ37786	0.112503	0.149202	0.383245	0	0	0.105161
SPPL2B	18.0474	29.7835	23.0827	31.5751	27.4551	26.8755
PPP1R8	23.0435	19.6233	19.9412	20.963	21.175	19.452
MIR298	0	0	0	0	0	0
HOXD13	0	0	0	0	0	0
VPS13A	8.38296	6.22546	10.1715	6.60134	11.2396	10.7115
SSX2B	0	0	0	0	0	0
GTF2I	46.7389	38.9282	48.6899	43.2642	48.0921	47.419
MIR616	0	0	0	0	0	0
KLHL14	0.159634	0.181463	0.362531	0.12848	0.116196	0.028422
OSTBETA	0.508797	0.224923	0.288872	0.597191	0.162028	0.713387
C20orf151	2.50215	2.64846	2.90791	4.10332	4.60134	5.97341
DERL2	32.6654	33.0834	29.7041	34.7556	26.795	26.6788
UGGT2	3.95219	2.88883	4.44331	4.33567	3.04054	2.46284
C8G	0.696479	2.46313	1.58172	2.61593	2.57283	2.34369
F9	0	0.0315317	0.188984	0.100463	0.045429	0.133345
ZNF706	24.8683	24.1998	26.2873	26.5091	23.1054	25.5083
LNX1	6.93794	4.58428	7.36718	7.55983	6.56352	6.22014
RPS3	1063.8	1616.66	1252.64	2093.64	1406.87	1291.93
SNORD115-3'	0	0	0	0	0	0
COMMD9	14.0118	17.7398	12.9866	18.1495	13.7377	13.2559
MIR602	0	0	0	0	0	0
CACNA1I	0.0964956	0.0606684	0.0659619	0.0730827	0.10964	0.0895416
SPO11	0	0	0.0469307	0	0	0
HBA2	454.304	1103.24	469.798	1235.41	623.251	861.012
C14orf49	2.14079	1.99938	2.60207	0.65118	1.68995	1.2401
FAM60A	16.1053	16.2776	13.9363	18.7117	15.9225	14.019
GGTA1P	14.5565	15.6769	15.554	11.6996	14.1165	8.3244
MIR146B	0	0	0	0	0	0
FAM5C	0.82964	0.122253	0.575705	0.551805	0.264201	0.344664
MT4	4.37568	4.83587	19.0464	68.8206	0.696723	216.776

CMTM1	0.459973	1.44261	1.49032	2.41102	1.98094	2.46499
KRBOX1	6.57109	7.00587	3.365	6.33182	7.1394	7.3466
C11orf2	49.6074	87.293	68.5938	98.7479	77.0337	71.847
NDUFB1	137.869	182.644	166.24	169.938	137.864	136.847
LOC10050737	1.4119	0.996043	1.93668	0.815557	2.09286	1.62506
ENC1	14.4793	11.263	13.4772	14.5436	16.5596	23.4899
NKAPP1	1.0859	1.29242	1.1382	0.588254	1.67583	1.61363
LOC10013278	0.335827	0.169667	0.14527	0.0900962	0.183335	0.149481
CERS3	37.6944	33.9701	31.3067	26.069	30.6686	34.8827
ZFP37	1.60013	0.964591	1.4866	1.46835	2.0151	1.9716
IL8	0.185738	0.218958	0.0468683	0.0581351	1.02525	0.154326
TRMT2A	16.8636	26.5958	19.2043	25.1444	24.5352	20.0906
PRY2	0	0	0	0	0	0
EPB41L2	25.8435	24.0538	27.8684	18.6579	22.9319	17.714
TXNIP	339.531	404.596	377.808	291.954	522.123	379.074
SNORA34	0	0	0	73.3889	0	0
LZTFL1	6.69598	5.86891	8.86508	5.60697	7.21862	6.99055
MYO10	8.64745	7.51459	7.64239	7.37042	7.53039	9.2239
GGTLC1	0.496143	0.438659	0.0919789	0.456362	0.483668	0.170361
ADH7	0.220006	0.437661	0.266474	0.419723	0.140123	0.137098
BBS10	7.45143	5.3286	6.59473	4.0643	6.82217	5.85548
SFXN3	41.6017	45.7666	41.4288	36.3111	48.8912	46.4293
C20orf4	17.0334	18.6152	17.0011	17.9889	18.1697	15.9572
MRPL12	74.9329	101.415	57.7718	95.9072	68.1369	77.0108
CYP27B1	1.17761	1.57971	0.829981	2.24965	1.65524	1.49298
GCGR	0.351737	1.51049	1.21722	3.68021	2.01621	1.503
C8orf33	20.8183	21.0211	20.2374	22.9743	21.3567	18.957
MIR9-2	0	0	0	0	0	0
OR5L1	0	0	0	0	0	0
CHRM5	0.0980139	0.0577718	0.222591	0.184067	0.166468	0.244312
ARMC2	1.58681	0.918297	0.960976	1.35453	0.99227	0.845
UBE2E1	54.0199	53.3836	50.1306	50.9248	49.6199	47.5228
SBF2	7.60094	6.40764	8.3817	7.54166	7.67767	5.70494
ECE2	9.40238	9.28936	3.88639	8.2701	6.08447	6.9547
WFIKKN2	0.599643	0.691522	0.434197	1.02819	0.332101	0.373672
LOC285740	0	0.0627849	0	0	0.0452285	0
ARNT	16.4985	14.3872	19.2712	16.5277	21.3617	16.0997
ALDH1A1	38.7625	36.5056	23.0856	18.621	16.095	11.477
BBS1	13.4231	13.5485	12.9507	15.0205	16.8749	13.9594
RNF130	34.8208	42.1813	40.1242	35.5624	30.1701	23.2136
LTC4S	5.91443	15.6875	9.72646	13.0221	14.0286	10.4214
EMR4P	1.1653	0.949128	1.19318	0.516284	4.03111	1.43906
SH2D1A	1.444	1.20589	0.487599	0	0.970701	0.252873

ZNF498	4.62012	5.50563	5.11947	4.73642	5.75723	5.32697
CHMP4A	46.4844	58.4672	45.8374	49.5691	48.4511	49.6219
MIR4314	0	0	0	0	0	0
OR1G1	0	0	0	0	0	0
GH2	0	0.0726535	0	0	0	0.0512078
LOC442459	0.376559	0.166465	0.428396	0.353583	0.480165	0.351984
HTR1D	0.0352147	0.0622692	0	0	0.0672853	0.15361
UCHL1	7.60986	10.2268	8.83325	5.71643	6.61342	10.6856
FAM89B	39.4445	54.3209	35.2691	51.0244	41.374	46.0402
LOC642361	3.22813	4.08024	3.58752	2.68141	3.9012	3.28825
SKIV2L	13.3276	17.259	16.3547	16.4238	21.9585	19.9856
MIR4321	0	0	0	0	0	0
DPH1	19.4	22.2175	24.7135	25.0784	29.6597	27.8063
ESPL1	1.41116	2.52077	1.66778	2.14983	2.48538	2.71888
PROKR1	0	0.168661	0.0722047	0.0895622	0.0607493	0.059438
GJD2	0	0	0	0	0	0
RQCD1	13.8661	10.5932	14.7769	11.2503	14.3188	12.7514
SERPINB7	20.3077	16.4693	35.906	24.3834	29.0717	36.2609
LOC283481	3.33368	4.64443	4.43544	2.56113	3.60307	2.64397
BAIAP2L1	16.7736	18.4813	15.5206	21.2842	18.0061	21.5166
TTC23L	0.483783	0.213865	0.183113	0.378554	0.667602	0.45221
POLE2	1.54128	2.2359	1.71715	2.87379	2.17811	1.81686
SIX6	0	0	0	0	0	0
MED30	10.5988	11.3096	9.68338	8.46503	9.23338	7.81941
SNORD3A	22.052	71.4299	16.4337	130.445	40.613	17.7206
EFCAB2	3.00929	2.07621	3.11281	1.75648	2.99296	2.07593
LRRC42	14.0314	16.1056	15.6066	19.2428	15.012	16.6822
RPUSD1	9.20041	18.6247	10.1998	18.1278	14.7616	15.5081
LOC10050604	2.30954	3.5767	2.0402	1.98859	2.3298	1.9201
HIGD2A	122.893	184.178	130.913	198.663	136.086	114.873
MIR937	0	0	0	0	0	0
LOC10065278	37.206	23.8026	35.9689	28.5841	27.3616	24.0317
MPRIP	18.4442	17.7968	24.1029	20.8488	20.2191	18.5803
OR4A16	0	0	0	0	0	0
TMEM216	7.77924	8.74376	7.79121	9.61513	9.6358	10.3687
HMG2P46	0.0538866	0.381145	0.0815849	0.303592	0.308886	0.335798
GPR6	0	0	0	0	0	0
MIR4649	0	0	0	0	0	0
PEX11G	7.51327	8.66446	5.35787	6.44137	7.00448	6.51402
ING1	5.45246	7.71846	5.88084	4.80531	7.51814	5.27326
SNORD114-1	0	0	0	0	0	0
TMEM45A	475.595	397.678	489.614	421.192	562.643	627.045
LOC10012815	0	0	0.0788004	0	0	0.0216225

SLC25A11	77.3933	82.329	63.3238	76.5508	61.7341	68.3759
BRD2	84.4415	83.301	82.8867	78.1568	96.09	80.8666
MUC5B	0.182457	0.235063	0.323648	0.37698	0.332057	0.276167
PITPNM2	4.59876	5.42959	4.39178	4.80977	4.92068	4.35595
BOD1P	0	0	0	0	0	0
MIR636	0	0	0	0	0	0
IPO8	15.9507	11.759	13.6453	12.8747	13.8907	12.5405
USP3	24.2269	19.1383	22.166	19.7536	21.1914	21.6737
SCARNA23	0	0	0	0	0	0
VPS13B	4.25818	3.10878	5.33393	3.27652	5.07499	3.7722
KATNAL2	1.6916	2.30572	2.85456	2.61421	2.17722	1.5812
GUSB	128.277	25.9639	23.079	25.2616	21.6064	17.4818
NET1	55.0107	53.5873	47.5341	44.5653	51.2452	54.5822
LRRIQ4	0.114599	0	0.043376	0	0	0
MIR1302-5	0	0	0	0	0	0
SETD1B	10.1524	10.0189	10.4515	9.35923	10.3546	8.82691
GOLGA8C	0.00607003	0.0080501	0.019303	0	0.00231962	0
SLC39A6	47.6913	30.8576	39.8652	39.2816	30.4644	35.2745
FAM46A	9.72804	6.27308	9.95264	5.57058	9.90899	7.64954
USP12	14.331	12.8608	15.9146	12.4867	16.0896	13.4493
VENTXP7	0	0	0	0	0	0
KAT8	24.7229	32.2905	23.2579	30.4754	29.3811	27.4687
FOXD4	0.393432	0.30679	0.602314	0.68212	0.12985	0.10814
PDGFC	11.5447	9.40457	9.07654	9.6778	7.44334	6.6363
LOC10028717	0.900339	0.955228	0.408937	1.01449	1.14686	1.45874
UBL7	35.0254	35.6139	30.0247	38.848	36.3862	39.7183
OGG1	10.3637	11.5826	8.37531	9.19813	10.9803	10.5634
EPG5	6.32764	4.62069	5.89804	3.93558	5.84742	6.40295
NAV2-AS4	0	0	0	0	0	0
LOC10029436	3.22E-07	0.140078	0.129215	0.317687	0.14924	0.0401048
MIR3118-2	0	0	0	0	0	0
ADORA1	12.0139	5.4075	8.21771	7.33959	4.79515	5.84056
MPV17	44.0166	55.3889	42.1943	51.1714	48.9486	45.062
ZNF526	3.3314	3.71996	3.55555	2.95823	3.4944	3.88544
MAT2B	45.5391	37.3589	36.8232	31.394	37.1155	30.6382
IGFL1	2.66285	1.76574	0.881909	0.781367	0.953991	0.933398
NACC2	5.48058	5.48027	6.63604	5.13322	5.381	4.03466
VAMP8	277.592	288.732	196.992	265.953	229.278	262.907
BCAR3	7.67842	4.60694	7.205	6.53571	7.2524	5.69896
LOC10050597	1.61672	2.38233	2.24375	1.26506	1.88778	1.51121
FAM90A18	0.0156343	0	0.0320538	0	0.0225231	0.0130482
ZMAT2	74.7496	65.9631	63.6389	64.2451	69.3063	66.7466
TMEM191B	1.48376	3.57152	1.68732	2.29654	4.9001	7.00328



LINC00320	0	0	0	0	0	0
LOC10028759	0.0821748	4.50E-210	0.0295879	2.65E-111	0.0246598	7.88E-101
RHOC	115.597	142.832	100.37	130.074	118.771	106.824
PRKAG3	0.221349	0.273984	0.40215	0.374118	0.817675	0.303458
TTC32	14.5831	13.9679	12.0745	11.1258	10.8361	8.99293
CBY3	0.464907	0.411041	0.703874	0.291027	0.493503	0.0965701
PFDN1	53.176	49.5641	38.2607	43.9698	43.8096	44.2115
ANKH	20.6323	17.9661	19.4295	19.3661	20.5899	17.0661
C17orf100	4.80453	6.00769	4.41642	5.60699	7.4315	7.65603
LOC10050629	0.181635	0.339618	0.235747	0.503822	0.340269	0.264411
MIR147B	0	0	0	0	0	0
GLRA1	0	0	0.0441406	0.0547516	0.0371376	0
ENO1	434.308	407.21	324.068	409.297	337.643	335.524
ST8SIA2	0	0.0301535	0.0516353	0.0480361	0.0217217	0.0212528
MIR379	0	0	0	0	0	0
HSFX1	0.478834	0.657174	0.923588	0.548875	0.77706	0.759911
MAP3K5	6.1143	6.74916	5.73661	5.16711	5.56993	5.04559
DRAM2	25.8096	25.6863	24.9185	22.4716	23.1794	20.6479
ZNF781	1.63913	1.14265	1.33628	1.00635	0.823132	1.35537
C16orf93	1.15699	0.568213	0.348732	1.11255	1.07304	0.903121
HPRT1	21.6002	14.4081	15.1877	13.8584	14.9323	12.6939
MMP24	5.62394	7.0524	6.12313	6.60625	5.77959	5.51521
IFI30	50.6849	55.8907	30.7634	29.361	40.4058	24.5502
CRYGS	6.61796	14.0428	4.34185	10.0807	10.397	8.15642
LOC10050675	0.936945	0.828387	0.709272	1.75955	0.39783	0.389243
NBEAL1	0.876516	0.470511	1.08218	0.480103	0.664592	0.5267
USP2	13.2746	10.4967	11.912	14.7093	10.0181	14.5409
PPP3R2	0	0	0	0	0.018526	0
ARHGAP18	11.2382	6.95529	9.08165	6.41066	6.60297	6.68805
RPS3A	803.753	1076.1	1002.68	1307.63	985.781	959.173
LOC10013247	0	0.794103	0	0.421683	0.0953414	0
PKMYT1	2.65911	7.32326	2.97707	6.43148	4.02511	5.12318
KPNA5	2.42156	1.88911	2.98334	1.20378	2.60075	1.65696
EXOC7	36.4224	42.3431	40.6559	41.055	42.1557	41.6607
LOC283547	0.315756	0.199408	0.273176	0.127067	0.100553	0.0702735
LRRC37A3	1.8133	1.97642	1.89429	2.27864	3.11561	2.98716
COX4I1	557.633	683.471	530.954	765.282	521.748	524.584
NRD1	50.7692	41.4187	51.7591	43.9612	52.3336	52.2149
LOC285626	0	0.0597504	0	0	0	0
TAS2R7	0	0	0	0	0	0
RAB12	31.2319	31.6853	33.2306	34.4167	33.2752	28.7302
TRIM53P	0	0	0	0	0	0
NLRP9	0.366918	0.424223	0.363223	0.238521	0.34155	0.263824

PIEZO2	0.456612	0.249096	0.610417	0.291916	0.482635	0.441947
PKD1	7.70143	8.36175	8.56886	6.63552	8.39525	6.6055
OR6S1	0	0	0	0	0	0
CDK4	53.6336	57.3152	48.5051	60.7296	55.0087	56.1718
LOC10013304	0	0	0	0	0	0
C9orf57	0	0	0	0	0	0
C2orf76	6.77537	6.54502	7.69349	6.00852	6.28656	7.42781
MGC57346	6.3124	7.379	7.37905	5.82935	8.31241	8.96895
C1orf177	0.234439	0.219397	0.383529	0.762576	0.67434	0.467776
SLCO1B7	5.5093	0	0	0	0	0
VWA3A	0.189378	0.27906	0.207076	0.158065	0.214428	0.1049
LOC440900	0	0.127986	0.219166	0.407778	0.0921976	0.270622
TTY22	0	0	0	0	0	0
CLSTN1	44.5297	51.0297	55.0232	68.0345	57.9152	52.8144
POLR2C	43.8907	37.5222	39.0708	45.1377	39.6388	33.5081
ANUBL1	2.23279	2.50898	2.05641	2.2683	2.28813	1.78659
LOC387647	5.35774	5.50391	4.7125	4.07258	3.44487	4.92858
MIR222	0	0	0	0	0	0
PKIG	22.7136	32.4483	25.7217	28.9445	24.0758	21.1811
PCBP1-AS1	1.74234	1.61561	1.55495	1.51632	1.34437	1.31091
ZBTB46	2.38755	4.14869	2.80455	2.65752	3.25862	2.5128
CHCHD2	168.124	187.505	157.751	193.797	154.159	158.11
HIST1H2BC	5.78117	3.65096	4.06378	4.65294	2.89305	4.63189
LOC10012831	29.8882	31.9238	29.2165	31.2591	31.7809	38.4127
TLR8	0.299797	0.203893	0.401523	0.151579	0.514075	0.17245
KIAA1429	9.41239	8.53068	10.1019	7.96016	9.08858	7.18962
CCR6	1.16915	1.16951	1.95804	0.69236	2.77989	1.0924
MIR3192	0	0	0	0	0	0
COL2A1	0	0.0699492	0.0149726	0.151673	0.0787338	0.0493016
GABRA1	0	0	0	0.0228857	0	0
LOC10050586	3.35552	3.73079	5.97615	4.93993	7.18746	5.02055
METTL21D	9.13044	11.0257	11.1544	12.2566	13.6254	11.8525
PLEKHF2	12.8833	12.3992	15.2895	11.9397	15.8981	12.9833
DHX34	7.05833	10.028	7.3483	8.29499	8.59985	9.3686
C2CD4A	0	0.0757667	0.0432481	0.0536446	0.0363867	0.195807
RNF165	1.47677	1.37014	2.04262	1.26682	2.04369	1.07931
MIR572	0	0	0	0	0	0
CSE1L	27.4923	20.7962	24.5484	25.4783	21.6724	21.8404
MS4A2	10.8849	10.3841	11.5359	5.09776	17.6483	11.5563
LOC10050700	0	0	0	0	0	0
MIR1321	0	0	0	0	0	0
TRNT1	13.1158	8.94446	8.33605	6.3469	7.78331	8.56372
TSC22D2	5.28171	4.84684	6.42379	6.27572	5.66505	7.6434

MID1IP1	16.1303	13.8706	14.6415	12.4728	13.794	14.7804
MIR1256	0	0	0	0	0	0
TGS1	7.61591	5.58388	7.05666	5.30735	5.73421	5.91999
TNFRSF9	0.255511	0.197669	0.12089	0.0599803	0.0915393	0.0796119
MAL2	75.9996	57.1698	95.5382	64.9415	78.8915	74.495
TMEM120B	6.55524	6.84383	9.46953	6.43102	7.28556	6.09493
MIR384	0	0	0	0	0	0
SLC9A4	0.353216	0.409764	0.231831	0.507948	0.173111	0.29313
CCDC97	12.6208	15.5168	13.2182	15.3919	17.0789	14.6006
LOC10012809	1.88617	0.238233	0.611932	0	0	0
B3GALNT1	4.95999	4.69488	4.35972	3.92558	4.29894	3.6442
ANGEL1	5.11547	4.39714	5.05569	4.46978	6.36531	5.99178
VPS13C	7.60915	5.54743	7.18184	4.4833	6.9759	5.19323
C1orf64	2.62728	0.232288	0	0	0.0836665	0.491163
LOC728537	4.63606	6.57239	3.57029	4.5033	5.29456	4.98103
MIR924	0	0	0	0	0	0
SLAMF9	0	0	0.131192	0	0.496703	0
PROX2	0.471874	0.521502	0.31256	0.276927	0.601079	0.441078
LOC10065275	0.0201701	4.03E-10	0.147451	0.0361945	0.171497	0.046661
SLC29A3	2.27514	2.43441	2.07853	3.11911	3.06011	4.07496
MIR3191	0	0	0	0	0	0
LOC541472	0.0805601	0.142452	0	0	0.0513092	0
CRYZ	12.147	9.15486	18.0592	11.0238	15.2578	14.1546
TMEM171	2.11028	1.78835	1.66853	1.49271	1.23429	1.59257
SYF2	38.2023	40.1481	39.5122	35.6737	39.8604	34.6322
LOC286059	0.114326	0.10108	0.0288485	0	0.0485433	0.0237477
C17orf49	53.4896	77.4255	48.7416	67.0319	56.494	46.7329
SUOX	23.5719	20.3645	22.5044	21.3097	18.3649	18.5678
FKBP4	51.0501	34.0364	30.0728	36.86	28.1	35.251
CDKL5	0.433062	0.114242	0.414418	0.107823	0.167253	0.181224
AMIGO2	6.17734	4.88256	5.93203	6.24169	4.90434	2.49146
ERV3-1	74.4061	48.2534	57.7331	46.1684	61.6987	75.6574
HSP90AA1	267.27	176.107	170.997	158.685	155.105	185.053
SNORD43	0	0	0	0	0	0
MGC39545	0	0	0.185556	0	0	0
KCTD10	22.6307	19.4873	22.7677	20.3039	22.7186	17.9918
TNFSF13B	4.13262	3.84214	3.55136	2.11703	4.90493	2.36459
C16orf95	1.69893	3.66841	2.70746	2.29118	2.94674	1.82304
GRIPAP1	27.2169	29.5668	28.5965	29.7352	32.5877	30.0561
LOC10028761	3.83663	3.4746	6.67133	5.86374	4.33702	4.69656
LOC10050615	0.357031	0.450949	0.482633	0.359193	0.341093	0.190703
CALD1	92.3661	58.2811	66.5872	60.525	62.2458	68.9969
ANXA4	50.2696	42.5404	51.1619	41.6729	50.2819	43.4684

MAP2K2	48.7469	73.5617	50.6785	79.0375	59.3093	60.8297
C19orf33	93.6916	212.483	149.846	298.389	181.284	134.439
XAGE1E	0.068236	0.0603299	0	0	0	0.0425217
CENPT	55.3553	67.5149	51.4567	60.3966	79.4227	81.5501
CRNDE	34.2202	44.6095	35.377	34.498	37.6041	31.9891
RNF146	27.7079	23.6449	24.9003	21.3667	28.0211	22.9404
EGFEM1P	0.0253481	0.0448224	0.0959433	0.0714044	0.0161444	0.110571
SNORD91A	0	0	0	0	0	0
ZBTB33	10.9564	8.1678	11.2033	9.02146	11.5586	9.51015
ABO	2.0289	1.0165	2.25264	1.39708	6.76261	4.97301
FLJ45513	0.730871	1.20862	0.740991	1.51655	1.33767	1.46394
DIO2	11.4477	5.63299	9.13691	3.92778	13.7343	9.99204
OR52B6	0	0	0	0	0.0740711	0
C12orf48	1.47156	1.48157	1.63316	1.29949	1.35555	1.27026
GLI2	1.54867	1.43147	2.94153	2.24736	3.65848	3.483
C11orf66	2.7888	4.00498	2.38862	2.87951	3.39373	3.55189
KRT6C	81.7231	70.9238	65.8945	63.475	50.638	226.914
LOC10050699	2.91651	3.52029	1.58267	1.4973	1.75188	1.67766
LOC10065296	0	0	0	0	0	0
SETD6	12.3489	15.3056	15.7879	14.7912	17.9775	15.9449
GPM6B	13.1333	9.07436	11.3172	13.0125	14.0727	12.6128
CRMP1	2.86482	2.84169	2.82918	2.35834	3.87699	3.47025
C3orf58	20.3514	11.2883	15.8504	11.771	13.8647	16.5308
RHO	0	0.0639031	0.0273572	0.0339337	0.0230169	0.0225201
ZNF385A	60.3963	84.5519	80.001	103.291	97.6412	97.8773
NRIP1	6.19679	4.21191	5.22386	3.35194	4.30702	3.93991
C2orf49	5.48898	8.25011	8.93365	7.60224	7.34152	7.78163
VAR5	19.069	21.6995	18.4765	21.4313	18.7724	19.1283
CD82	90.4891	66.8281	61.3742	77.9324	73.4031	100.25
LOC729815	0	0	0	0	0	0
MPZ	30.8574	26.8603	13.847	9.11059	16.2089	11.3987
C14orf82	0.812693	0.695278	0.827793	1.01092	0.967963	0.686379
LOC1002874	4.94E-07	1.23E-06	0.835977	1.42E-07	6.70E-07	1.38E-06
RPL35	906.119	1691.9	1200.37	2123.25	1222.78	1124.94
RECQL4	5.48172	8.78729	5.37133	8.41839	6.75427	8.4282
LOC729739	0.0295532	0.0261291	0	0	0.0188226	0.0184163
WDHD1	2.1436	1.69615	1.6475	1.52894	1.81731	1.72008
LOC10013319	9.86747	16.5579	16.2112	16.7913	20.9046	16.2082
MARK1	3.81042	4.22325	3.33996	2.92739	3.12359	2.55627
P2RY8	0.211317	0.734474	0.342052	0.507536	0.189067	0.278
ZNF536	0.312779	0.241972	0.221977	0.146847	0.336168	0.219275
FKBPL	10.5395	10.763	9.40095	10.0498	9.05427	10.5899
ATP6V0A4	24.3613	8.45025	16.2773	21.2696	13.72	19.4355

OR1M1	0	0	0	0	0	0
KRT20	0	0.0512977	0.087843	0	0.0739066	0.0361556
ZFAND5	30.5342	32.1461	28.5429	26.4507	30.3513	27.0076
STK17A	7.76754	6.93339	6.01157	7.29359	5.97456	7.59309
HLA-J	1.24099	1.40198	0.678481	0.906319	1.2295	0.687405
PCDHGB3	0.291975	0.0737086	0.534957	0.507342	0.344016	0.388911
ZNF80	0.270072	0.0596951	0.0511114	0	0.322519	0.0841486
ZNF623	5.66175	3.89099	4.96409	4.1788	4.83381	4.93431
CASP7	25.9241	23.0859	18.2845	15.1431	18.939	14.1695
AHI1	4.48962	4.28735	5.48366	5.42213	4.72785	4.39254
CEP78	3.78116	2.19786	3.66843	3.14897	3.02329	3.43696
TUBGCP6	17.3181	23.7592	25.8949	27.6315	27.2139	23.9417
GAPVD1	10.2033	10.1702	12.4651	10.0871	11.5266	10.4593
LOC10050723	0	0	0	0	0	0.212611
VBP1	25.1349	22.7422	23.5246	21.0879	22.9526	22.7419
LOC10050594	0	0	0	0	0	0
LOC10050711	0.605678	0.779884	0.25827	0.598906	0.507829	0.522886
LOC10012904	5.07E-11	0.125022	0.210986	0.0643047	0.313349	0.170703
NR2E1	0.484966	0.241187	0.298287	0.313071	0.173744	0.169993
GRIN2C	0.205091	0.382805	0.396764	0.577733	0.420899	0.198807
FAM160B2	35.5827	47.4954	34.1388	43.7742	45.4315	43.9277
RNF44	23.4302	25.9151	28.5562	28.1167	34.6806	27.3179
DPF3	0.403853	0.198368	0.339688	0.421346	0.428694	0.41944
MIR3978	0	0	0	0	0	0
ITPKC	23.0873	28.0138	22.2722	30.114	25.3004	27.4937
LRRC32	10.1237	9.21637	10.0102	8.85973	6.28906	5.74692
MIR1234	0	0	0	0	0	0
GPR173	0.982794	1.89951	1.45336	1.69543	2.76581	1.73761
ARHGAP12	16.3224	13.5654	13.274	10.422	14.0641	11.7407
ACBD5	11.6775	9.02734	13.0401	8.87422	10.4637	10.3005
OCM	0.0958309	1.18619	0.290178	0.359935	1.46762	0.487695
GCHFR	39.2466	48.7755	36.1563	49.7153	39.2631	38.9924
CEACAM8	0	0	0	0	0	0
PRSS1	0	0	0	0	0	0
SERINC5	16.3615	12.0402	17.699	15.6426	15.3803	14.5851
C20orf181	0	0	0	0	0	0
KLK14	3.91835	9.94893	6.1606	11.5095	8.06278	7.76352
PRIC285	6.23726	7.65454	3.94826	2.81714	5.31209	3.46064
GRAMD2	7.10653	5.32875	2.22451	2.61849	2.48272	2.5973
TBC1D17	28.1669	39.9166	37.7858	45.6663	49.2972	51.1929
ATF7IP	7.40894	4.18352	7.46243	4.77433	6.30494	5.70327
FAIM	14.4191	18.6134	13.7069	13.5233	12.0861	11.5081
SFTPC	0.484719	0.875003	0.525304	1.37688	0.621534	0.402752

ARPC5L	87.1021	101.573	75.2455	94.7238	75.5631	80.5306
LYPLAL1	19.5839	20.9788	18.9062	16.0645	20.2629	19.2656
MIR1537	0	0	0	0	0	0
TUBGCP5	8.93602	7.81853	8.93669	8.5481	11.814	9.35444
B3GNT9	5.4296	5.79672	6.63	6.40787	6.59365	6.402
CHRN2	0.117351	0.163042	0.279196	0.220381	0.437771	0.282065
CACNA1B	0.019274	0	0.0145906	0.0542941	0.049103	0.00600539
TPTE2P3	0	0	0.0145626	0.112896	0.0245044	0.0239755
TCEANC	1.37851	0.937533	1.04354	1.19483	1.45205	1.38766
SGSM3	32.2142	43.1642	33.7597	40.184	48.0019	42.7226
GYG1	23.1161	23.2217	16.1629	17.6336	14.7971	15.5123
POU5F1P3	1.27601	2.25206	1.52652	2.02869	2.50107	1.30109
LOC10012834	0.186489	0.109921	0.42352	0.0583701	0.316736	0.271162
WHAMMP2	1.41227	1.60265	1.28078	1.2659	1.95154	1.50372
PAK3	0.924287	0.420581	0.496864	0.278653	0.502877	0.544492
CACNA1E	0.0335086	0.0249965	0.0297264	0.0539401	0.0250103	0.086335
LOC440896	0	0.0549878	0.0706215	0.058399	0.198058	0.0387565
LOC10050616	0.418132	0	0.0633056	0	0	0.104225
LOC10050598	0	0	0	0	0	0
NOC3L	8.79402	8.78816	8.47862	8.04227	8.79369	8.28257
LENG8	94.3137	132.89	127.56	135.136	164.67	130.778
ACTN1	98.8033	76.645	70.7866	77.9489	75.0271	106.772
PAGE3	0	0	0	0	0	0.139078
NAPEPLD	7.23421	6.35925	7.59028	5.12947	7.31232	7.64445
PRR4	45.3303	26.0063	14.814	15.288	7.41431	7.91349
SSX7	0	0	0	0	0	0
SLC25A31	0.0577658	0	0	0.108482	0.0367914	0
SNORD88C	0	0	0	0	0	0
LOC91450	0.355618	1.57207	1.16655	0.890452	0.830482	0.886424
PCDHA5	1.33E-42	1.77E-13	1.81E-20	2.53E-25	1.47E-47	4.08E-20
LOC641518	0.379301	0.296881	0.209265	0.274647	0.229984	0.354219
CCDC13	0.17641	0.0935824	0.293796	0.132517	0.359541	0.219863
TARS2	10.6535	11.1146	9.7422	10.0835	13.3534	12.3216
MSH2	10.9269	8.40799	10.6078	8.42703	10.1282	10.1843
MTMR12	16.4053	12.0761	14.0485	13.6443	13.3208	12.7904
GRASP	7.19978	12.7312	8.09406	12.9155	11.0875	7.43302
MIR2681	0	0	0	0	0	0
LOC10028939	0.928588	0.577742	0.354098	0.208988	0.429139	0.141596
FRK	1.29602	0.588414	0.87503	0.427574	0.468494	0.785797
GORASP1	22.7575	25.2586	24.2562	26.0939	27.4794	26.6637
DDAH1	13.8847	8.38807	9.63156	9.48863	7.87467	7.44067
CUX1	16.2709	17.0328	19.1338	20.3863	18.6694	17.206
BMPR1B	0.258946	0.289995	0.496592	0.259356	0.296863	0.172121

FKBP10	13.0717	13.1165	20.1572	13.2158	18.3689	13.7271
CALCOCO1	82.0424	86.666	100.042	90.4658	124.805	115.683
SELPLG	4.42167	4.28986	4.26536	2.16826	7.55084	4.02319
MDFI	16.9758	23.2696	25.3529	18.5349	14.2483	15.3349
OR1F2P	0	0.105893	0	0	0	0
RDH5	18.703	24.9441	38.5381	18.5957	14.8732	9.07548
DUSP16	17.8732	12.203	16.3828	15.2479	17.3115	15.9947
PPIL1	16.7894	13.0221	10.0943	11.0981	10.7705	12.0488
EME1	1.41667	2.27235	1.49971	2.61688	1.88869	1.64529
ANGPTL7	2.23462	0.927372	0.759501	11.8616	2.14938	36.717
ATP5H	171.891	170.415	156.713	165.411	139.768	149.57
NT5C1B-RDH	0.112823	0.166446	0.115879	0.0282632	2.19E-09	0.13825
LOC10050761	0	0	0	0	0	0.210278
SS18L2	30.8894	35.7346	25.1285	30.7363	27.9933	24.7076
CYB5D1	11.434	10.2433	9.53299	10.6583	10.6511	11.5231
CAPN7	12.7305	9.70373	13.5054	8.38642	11.858	9.98218
HCK	6.23008	5.64279	4.7882	2.46055	7.63591	3.91195
CHD4	34.2012	29.9275	36.2155	33.7258	36.3013	34.7902
ELP4	5.73133	7.41994	7.64437	5.89416	7.56137	6.63282
C6orf191	0	0	0	0	0	0
PCDH19	0.677658	0.659901	1.05555	0.922086	0.450363	0.636416
MAP7D1	49.5306	54.086	62.8884	55.0911	57.1639	54.5676
ITPK1	24.0419	29.0847	27.6309	24.4753	20.3311	16.3766
PTPN12	27.3487	24.9249	34.691	29.0792	39.0325	35.9362
PJA1	16.6346	17.9264	19.4848	17.7791	15.6439	17.0855
TOMM5	92.6888	103.158	78.027	92.5034	63.6539	77.3891
KLRG1	0.760959	0.414026	0.398804	0.659565	0.894755	0.21886
TRAPPC2	6.59711	7.91781	7.1685	9.58579	9.71763	9.1863
LYPD6	0.61959	0.547803	0.540971	1.20683	0.636827	3.05434
IGFBPL1	0	0	0.07952	0.197272	0.133808	0.261839
LOC10029414	3.06121	2.53705	3.18592	2.56651	3.70743	3.44162
SH3TC2	0.496999	0.495116	0.532553	0.617851	0.550604	0.621599
LIME1	12.2795	27.2657	15.3269	22.0919	25.3129	22.7221
EIF2AK2	4.30244	2.75898	2.22797	1.78395	2.01312	1.39816
BLMH	59.0038	38.1156	44.7263	52.2324	48.8411	71.7216
APOBR	3.61933	4.08114	3.21635	2.1179	8.25185	4.00418
SRGAP3	1.47835	1.64811	1.93814	2.21291	2.517	2.29074
CCDC155	0.0425549	0.150498	0	0	0	0.0795553
TET1	0.443201	0.252526	0.402607	0.258943	0.263459	0.35597
LOC10050579	0	0	0	0	0	0
LOC10065292	8.01E-08	4.18E-07	9.68E-07	1.11E-06	6.92E-07	1.98E-07
LOC10050686	0	0	0	0.311423	0.281913	0.275829
PPAPDC3	0.883303	1.25821	2.08029	1.52058	1.53147	1.28435

MN1	2.35051	2.23376	3.85367	2.59658	2.2816	1.95037
OLAH	21.522	16.2286	11.6718	11.9255	4.76186	15.4547
FLJ20464	0.760331	0	0.287787	0.535454	0.242129	0.473806
LOC730081	0.10787	0.858344	0.839214	0.108186	0.499678	0.201659
MATN3	3.11692	1.51568	2.33003	1.68287	1.38963	1.84521
C12orf77	0	0	0	0.0665775	0	0
DFNB31	5.47769	6.7335	5.53068	8.74278	8.41246	8.33874
MIR1281	0	0	0	0	0	0
RPS20	960.01	1498.65	1138.25	1626.03	997.983	903.642
NUDT21	27.6894	22.3211	24.81	18.2496	23.8739	19.9295
FLJ45872	0	0	0	0	0	0.0292534
PHYHIPL	0.824186	1.44353	0.555907	1.60498	0.731728	1.27522
CSDC2	1.8731	2.8541	0.512876	2.95631	1.16761	7.82299
MIR449C	0	0	0	0	0	0
LOC644083	0	0	0.065856	0	0	0
IFNA2	0	0	0	0	0	0
RETN	0	0	0	0	0.230957	0.225972
LCE2B	101.689	82.5177	250.271	277.08	346.998	253.763
CYP17A1	0.167226	0.0492835	0.464167	0.157022	0.284019	0.17368
TAF12	21.4583	29.0498	18.0295	21.586	19.8807	19.5172
NMRAL1	28.5773	41.7456	25.4705	37.7139	32.3689	33.1466
C17orf87	0.285489	5.59E-08	0.528143	0	0.552798	1.04762
IMPA1	6.87435	6.64073	5.40153	4.35784	5.93007	5.44057
ERGIC1	52.0824	37.9536	44.9454	40.1488	42.6738	38.8156
TBCB	24.2892	32.9099	24.9533	29.5366	29.5705	28.9428
DACT1	3.18313	1.86898	1.89623	1.93593	2.02736	1.77253
CISD2	6.92065	5.48645	5.24967	4.89802	5.09772	4.91976
IQSEC3	0.94112	1.55402	1.41446	0.319866	0.66572	0.34576
APBA1	3.08588	2.08789	3.20245	3.53697	3.8847	3.52097
SLC26A1	1.87965	2.45526	1.48655	1.07751	1.6664	1.30176
AQP8	0.168782	0.596907	0.447192	0.158484	0.483743	0.052589
FAM182B	1.01077	1.13112	1.12817	1.1355	1.08572	0.644266
ANKRD9	14.2524	24.971	13.3627	31.247	17.4887	19.8408
ZNF266	23.0534	26.9989	23.5923	25.6055	46.022	34.6246
ARSB	1.57283	1.66144	1.16807	0.813329	1.0616	1.04982
GYG2	16.6187	24.8574	49.7508	23.0737	23.6347	13.2712
ZNF154	2.36849	1.77191	1.59987	2.4977	1.81021	1.74843
OR2L3	0	0	0	0	0	0
C7orf68	114.209	95.7916	84.2426	86.9959	59.8087	78.3835
LOC1005064!	0	0	0	0	0	0
PI4K2A	11.7369	10.7058	12.4388	14.5998	13.7368	13.4547
MIR1283-1	0	0	0	0	0	0
FLJ20444	0.0841244	0.768774	3.05815	2.36974	0.437564	0.629073



LOC10012877	2.96583	2.23533	4.30175	2.34077	3.93832	4.13999
ADCY4	11.1254	20.3163	13.009	12.235	20.4773	14.5486
ABCC4	2.70528	1.46419	2.01068	1.01629	2.21537	1.52236
SNORD34	0	0	0	0	0	0
SERTAD1	16.3974	27.5124	22.2868	22.9204	20.3532	23.7456
ANXA13	0	0.259941	0	0.276066	0	0.206114
SRRM3	2.41521	2.78318	2.44461	4.48472	2.74812	4.17695
C6orf147	0.750561	0.663598	0.79545	0.775241	1.05168	0.748348
LOC10050751	0.635894	1.82721	0.481375	0	0.202502	0.0990655
ANKRD6	2.43864	2.07058	2.96709	2.32395	2.53176	2.03368
C6orf130	22.5055	26.2755	23.8807	22.3966	24.5023	23.7337
SLC27A3	17.7551	30.1341	22.1788	26.2097	28.4802	21.3699
MUC4	0.212965	0.13669	0.183795	0.371612	0.237535	0.246621
IBTK	14.3883	9.59597	12.2363	7.33957	10.8763	9.41089
LSAMP-AS4	0	0	0	0	0	0
SNTB1	12.154	4.7645	7.21967	5.4241	5.494	5.27877
ZSCAN2	2.2491	3.96627	3.51019	2.8456	4.33578	2.2964
PRAMEF3	0	0	0	0	0	0
MIR1255B2	0	0	0	0	0	0
DENND2C	4.98279	3.90633	6.46629	4.63266	6.22207	5.88891
C11orf73	20.0875	22.3033	19.152	23.0892	18.8512	20.9668
NEURL	0.810162	1.07444	0.613297	1.01431	0.558997	0.392668
EPHX2	35.5803	34.9577	23.0917	27.9431	32.8549	31.633
NFE4	0	0	0.0934565	0	0.157259	0
MSRA	15.4105	15.984	13.7021	15.0088	10.6738	11.6418
KRTAP3-2	16.3592	2.89276	0.582777	164.454	3.43223	2629.07
FLJ38379	0.570581	0.892526	0.797414	0.783043	1.03431	0.519667
C18orf12	0	0	0	0	0	0
TP53I13	26.1532	40.4488	31.3047	40.2295	37.6012	33.9417
PDE6B	0.498391	0.919424	0.623517	1.11479	0.95732	1.09458
CELF4	0.27485	0.243005	0.468957	0.419542	0.426011	0.416815
LOC10050661	0	0	0	0	0	0
YPEL2	7.37501	5.64245	10.1913	6.73506	8.12929	7.64438
SNX20	1.62397	2.17803	1.64064	0.732792	3.10014	1.48444
CCNL2	121.274	165.713	151.641	156.081	202.624	161.984
SUV39H2	3.81464	2.02905	2.9634	2.14884	2.58894	3.13047
DNAJC21	8.18362	7.04016	7.93817	5.93452	7.22759	7.52022
TNNT1	6.58392	12.9415	12.8603	23.4982	20.2378	16.5255
KRTAP20-1	9.79794	0	0	0	0	299.177
CEND1	0.128929	0.284978	0.1952	0.242125	0.451637	0.441888
LOC10013331	0.716405	1.50432	1.15244	0.588606	1.53995	0.613846
MIR486	0	0	0	0	0	0
TCP11L1	2.63134	2.7667	4.12974	2.44293	3.50149	3.78965

SERPINA12	26.987	17.9394	92.159	50.1176	60.774	52.1644
LOC10012797	1.32904	0.528105	0.597858	0.774133	0.621554	0.612281
TMBIM4	57.6215	49.1113	47.8073	41.6073	44.492	39.2467
MLC1	0.329912	0.531546	0.434528	0.614235	0.3987	0.391594
LOC10013316	6.30227	10.4077	8.73905	10.4784	8.10973	6.38636
CD52	44.5874	49.8708	33.3567	23.0724	73.7606	28.1817
FYTTD1	30.4373	25.6918	31.5694	27.2894	29.8283	27.3355
PRSS43	0.2268	0.0891209	0.076306	0.0946494	0.38841	0
OPCML	0.0857399	0.121081	0.0826488	0.0861435	0.0872231	0.0590585
MLL3	8.09851	6.14571	9.2204	6.17476	8.65784	7.26772
KAT7	15.016	13.2966	13.8369	15.0404	15.2851	14.7203
METTL13	9.93806	9.70786	8.99011	9.12099	9.72671	10.2124
TEX15	0	0	0	0.0175092	0.0118764	0.02324
C9orf5	15.4145	10.9972	15.2323	11.5792	11.2978	11.5268
EDC3	12.1897	13.0063	12.7888	13.6667	14.3354	14.0746
SPRR2D	243.725	129.473	53.672	196.51	164.827	152.946
LOC388553	0	0	0.0731115	0	0	0.0601845
CNDP1	0.977006	0.740406	1.19745	0.393168	0.948206	0.811771
ADIPOR1	90.7198	79.6992	83.9211	89.3332	84.8499	89.9117
TAS2R31	0.457695	0.404665	0.259858	0.214884	0.218631	0.431389
FKBP11	19.1826	31.1774	19.2721	18.8115	32.7872	23.3172
SNORD50B	0	0	0	0	0	0
TREML2P1	0	0	0	0	0	0
TRAF3IP2-AS1	4.20191	6.42682	5.97188	4.74842	5.41769	4.70428
LOC10050647	0	0	0	0	0	0
BNIP3	35.1781	26.8976	37.3244	28.5661	35.0999	34.6037
TEKT5	0.13235	0.643586	0.250474	0.683511	0.126442	0.288663
PRRG3	0.69236	0.832845	1.33416	0.424565	1.48146	0.779502
RNASE1	126.487	111.083	114.237	74.9587	103.746	64.3493
SF3A3	24.4769	27.5533	19.0433	21.6748	22.0639	19.3326
LOC10012853	1.21665	1.39839	1.38152	1.48514	1.08485	1.51633
LOC643669	3.16396	5.76428	3.33867	3.87118	5.19052	5.49687
DMP1	0	0	0	0	0	0
MAGOHB	3.6984	3.84864	3.87342	3.41128	3.71749	3.10011
ZC3H13	7.58258	4.3596	7.88271	4.43421	6.34747	6.72103
PABPC1L	8.86896	10.8245	7.52884	8.91625	13.2008	12.3451
OR5B17	0	0	0	0	0	0
RASSF1	32.1527	49.7649	32.06	41.2967	47.1196	34.3603
SLC8A3	0.909167	0.492307	0.710354	0.793594	1.15633	0.910918
LOC338651	0.493313	0.146462	0.158642	0.505803	0.701444	3.48658
RAB39	0.353228	0.156151	0.356528	0.0552793	0	0
GAL3ST4	9.52366	13.1917	13.8482	14.718	19.5112	18.5461
UNC13C	0.0815035	0.0411773	0.0352563	0.0874634	0.05191	0.0870677

MIR3662	0	0	0	0	0	0
SPC24	1.46985	1.29955	1.11269	0.591501	1.73858	1.17765
OR11H1	0	0	0	0	0	0
LOC339807	0	0.0524182	0.0448809	0	0.0377605	0.0369454
LOC1002160	0	0	0.118453	0.0734641	0.0498301	0.146264
MIR4260	0	0	0	0	0	0
MIR4490	0	0	0	0	0	0
EEF1A2	2.94664	2.60523	6.3058	6.06578	6.71292	5.79116
MIR4794	0	0	0	0	0	0
PRAMEF17	0	0	0	0	0	0
ZNF550	3.86367	2.80288	4.64971	2.41861	4.79539	3.88932
LOC399829	0	0	0.0269585	0	0.0340222	0
APLF	2.7929	2.60399	2.0758	1.59733	2.16692	2.10432
LOC1002883	0	0	0	0	0.118593	0
DTWD1	9.31443	10.3024	10.1654	9.04588	9.4671	8.07348
SLC25A16	8.35816	8.63477	10.041	7.25104	8.0429	7.95421
BABAM1	47.6358	65.5758	45.2039	57.5697	54.9005	50.1152
LOC1005075	2.56093	2.10248	0.138474	0.171762	1.39806	0.683941
FGF21	0	0	0	0	0	0
KHDC1L	0.219467	0.388079	0.166138	0.206076	0	0
GRM6	0.249047	0.233953	0.718769	0.716168	0.317238	0.455886
FLJ43390	0.158074	0	0.0435139	0.0674679	0.192204	0.16119
ISL1	0	0.0325897	0.0279036	0	0.0704299	0.114849
OCIAD2	33.7387	39.9024	34.4648	41.8666	34.0582	34.8694
KDR	5.95658	5.60169	5.27464	3.76832	4.53844	3.93834
LINC00483	0	0.100916	0.0864051	0	0.0726968	0
FAM167B	2.738	4.7315	1.69583	1.75291	3.0121	2.71442
SYTL1	70.3813	106.047	79.8423	127.078	116.905	141.484
IGF2BP3	0.140367	0.0620519	0.106259	0.0659013	0.0447003	0.0728924
COX4I2	7.86243	12.1651	5.50551	6.45986	4.50687	3.91963
SLCO2A1	13.2601	15.2246	7.78989	6.61461	11.0846	7.57454
PRDM6	0.0984321	0.232073	0.223541	0.277278	0.397049	0.388478
AP1B1	52.9022	45.6942	40.3075	43.3276	40.6971	48.2701
MIR3122	0	0	0	0	0	0
SLC2A5	1.44009	1.47779	1.53963	1.85818	2.40936	1.92477
ADCY1	0.465734	0.332075	0.528845	0.317408	0.521493	0.26214
OVGP1	3.14049	5.99591	4.82365	6.32512	8.17472	4.2544
UNC79	0.0223531	0.0494081	0.0423036	0.0209892	0.0213553	0.0557181
LYSMD2	9.36532	7.15678	6.05235	4.85833	5.36209	3.623
MIR508	0	0	0	0	0	0
RNY4	0	0	0	0	0	0
C5orf13	15.8318	22.3886	15.0343	18.9575	20.6598	20.0221
HMX1	0	0.0970429	0.083089	0.154594	0.139814	0.170995

TSEN54	16.8901	27.8815	17.7627	23.5885	23.2509	19.0852
TMEM22	4.00259	6.95297	3.56066	3.04844	3.57005	2.85004
MIR148A	0	0	0	0	0	0
ERMP1	16.0565	11.2678	16.1065	14.0119	12.978	12.6417
HERC2P2	9.67409	9.3326	15.8484	12.5996	34.153	34.079
RAMP3	26.3429	41.1734	17.8426	13.8611	20.3621	16.7207
DNAJC13	8.54521	7.82218	10.1652	7.06663	9.30594	7.67774
LOC10050548	12.7124	11.8962	12.9321	12.366	13.1002	11.5623
KIF20A	1.67189	2.20474	1.65176	2.42134	1.82286	2.40156
TRIM16	19.0984	19.7707	19.2074	21.6637	22.7963	21.1198
UNKL	10.8688	13.9451	12.475	13.7404	18.8969	14.32
MIMT1	0.0859635	0	0	0	0.0547506	0
CAPNS1	168.817	170.656	152.342	176.535	130.298	130.839
GTF2IRD2	7.89263	11.705	8.56885	10.5259	10.6935	7.78568
PCDHGB2	0.527909	0.252627	0.631911	0.431028	0.518115	0.636811
WDR27	3.4119	4.05938	4.13797	4.10494	6.13152	5.37544
LOC10028751	0	0	0	0	0	0.00834323
MORC2-AS1	4.95176	5.27064	3.05704	5.01076	3.24566	3.26733
MIR4635	0	0	0	0	0	0
OR4C6	0	0	0	0	0	0
MIR1275	0	0	0	0	0	0
TRPM3	0	0	0.0490562	0.0608489	0.120096	0.106945
VTI1B	46.1112	50.1698	51.3379	50.7022	35.4831	35.1405
LOC10050640	18.3385	21.2216	17.039	19.7085	16.8784	16.9193
LMOD1	22.7964	26.3734	18.8579	21.8903	18.607	15.3397
SNORD17	0	2.01519	5.17627	0	1.45168	1.42035
ST3GAL3	7.90576	9.76407	7.96094	9.70133	6.86802	6.36107
CPA4	59.6764	45.325	59.2584	61.9509	69.7289	90.8393
LOC401177	0	0	0	0	0	0
LARGE	5.45668	7.94362	5.63815	4.68206	4.50855	5.21776
LOC644554	0.437617	0.386914	1.00883	1.23275	0.766482	0.613585
PDIA4	36.1704	31.6816	27.3047	24.4676	23.531	25.7539
WASF3	6.65946	6.48572	6.57689	3.44403	3.40621	2.8347
ESX1	0	0	0	0	0	0
LOC10012830	2.45509	4.54319	3.47931	3.83321	3.05462	5.21236
PDPK1	14.4368	10.6024	14.5266	12.9956	14.2133	13.3352
LOC10065290	0	0	0	0	0	0
OR10J3	0	0	0	0	0	0
PFN3	0	0	0	0	0	0
MIR548AB	0	0	0	0	0	0
LOC145663	0.305189	0.337413	0.3562	0.143284	0.44555	0.332879
CCDC81	0.506375	0.390832	0.275651	0.201233	0.4599	0.450641
MPND	16.4973	23.3211	16.4234	22.7373	19.2664	16.9679

C10orf131	0	0.084857	0	0.180242	0.305642	0.179427
SPG20	18.905	15.4045	15.0682	11.2267	12.7169	12.7419
SPDYE8P	0.982368	0.951414	0.74322	0.984616	1.15166	1.06375
SEC31B	8.22596	9.36939	9.29298	8.98511	12.3673	8.93139
LOC10050921	2.98556	1.9017	2.05662	1.20722	2.33932	1.21137
COPA	32.1123	27.4914	32.3929	28.7243	30.9219	29.5292
GRXCR2	0	0.153225	0.262385	0.16273	0.331136	0.107996
LRRC45	8.08831	12.4205	7.44122	8.21255	11.141	10.177
SH2B1	32.8554	46.4494	35.5102	39.5629	48.5484	44.9795
LOC10050609	1.56303	1.75334	1.91045	1.46664	2.14283	1.6849
MAB21L2	0.108374	0.0638781	0.0273465	0.0339204	0.0920317	0.112556
LINC00337	0.175691	0.388338	0.398998	0.164971	0.111899	0.109483
UBL3	19.1193	15.2848	22.8937	18.1834	21.9076	18.3308
DSCR8	0	0	0	0	0	0
AOC4	1.63895	1.53651	2.5937	1.7717	1.23356	0.773545
EVPL	43.6309	53.6449	66.9676	77.3008	90.2374	90.3832
LOC10013089	1.36364	1.7461	1.24585	1.19213	1.64717	1.25999
C17orf47	0.241256	0.170643	0.182632	0.135922	0.122926	0.0902044
LOC10013309	4.81294	5.61445	1.29292	2.08036	1.8938	2.53092
AKAP4	0	0	0	0	0	0
NDUFS1	37.0944	24.2012	29.9279	22.7745	22.9089	25.0752
GEMIN2	5.53505	6.5837	6.49366	4.08984	6.64467	6.64078
LOC10065296	1.1941	1.12173	2.09036	1.47163	2.32912	2.23233
TLK1	13.3527	9.68039	11.863	9.26176	12.0961	10.5968
EMILIN2	3.69654	4.17132	4.1054	2.42056	4.95652	3.54622
LOC10013088	0.626497	0.553909	1.42279	0.352963	0.558627	0.936976
LCK	4.2205	4.67374	2.4607	1.10503	6.17877	2.32783
VENTXP1	0	0	0	0	0	0
CWF19L2	4.57562	5.18992	6.38063	6.38812	6.442	5.38376
HP09025	0	0	0.0356819	0.0221298	0	0
CES1P2	0.133692	0.2992	0.709414	0.379743	0.340598	0.29159
HS3ST1	1.95052	1.072	1.1573	0.544502	1.41018	1.05123
SLC6A2	1.88971	2.32298	1.3499	1.70434	3.43973	2.49876
MYL6B	18.3275	27.7087	25.2954	40.8884	35.8305	36.4118
C7orf74	4.38436	4.07019	3.68407	3.16997	3.44864	2.32232
ACVR1B	21.7011	18.918	25.3536	26.4223	30.661	27.1657
DSCAM-AS1	0	0	0	0	0	0
NCALD	59.9564	27.0507	43.2911	61.2519	24.4743	26.3642
DHRS11	28.4147	27.3045	26.2565	31.6289	25.4045	24.8423
C19orf47	6.22767	6.87197	6.10311	8.88485	7.10269	7.06971
ISL2	0	0	0	0	0	0.0363155
MIR1280	0	0	0	0	0	0
IL23R	0	0	0.0267496	0	0	0.0220199

DCP1A	6.07196	5.70573	6.77444	5.88058	7.23847	6.02237
ADCY9	4.55716	5.07174	4.51914	3.95615	4.49063	4.31715
MKI67	3.35254	4.0784	2.60646	3.06299	3.46255	4.24551
PAIP2	74.7854	65.8633	64.9287	47.2703	61.2071	61.8352
MAPKAP1	27.2858	30.0161	29.4403	27.6756	25.0188	23.3587
POTEKP	0.0488811	0.126201	0.00513935	0.0127496	0	0.00423065
C17orf75	4.75287	4.93057	4.54142	5.59347	5.87936	4.0412
LOC10050685	0	0.374558	0	0	0.17988	0
1-Sep	6.09288	11.6157	6.56816	8.38058	12.7774	5.80489
FUNDC2P2	4.38593	5.25374	4.01633	3.52049	3.46925	3.83519
RPP38	17.8652	17.4743	16.5738	16.6715	16.0697	14.796
LIPA	27.7108	23.9737	20.0336	19.5632	19.3677	15.4032
LOC10050638	0.314212	0.387619	0.418734	0.230503	0.375232	0.558319
PITPNB	24.2285	20.985	20.22	21.3745	21.4912	18.8971
LOC647012	0	0	0	0	0	0
ZNF705G	0	0	0	0	0	0
FBXL12	10.5947	14.7483	11.6891	13.4408	13.9981	12.1508
MIR4473	0	0	0	0	0	0
EHMT2	16.8049	21.5158	16.8716	20.2645	22.5772	18.4104
C13orf44-AS1	0.282064	0.498767	0.213524	0.0882846	0.179648	0.175771
RMND5B	27.913	30.311	27.1801	27.9499	30.3184	31.7571
RAB37	2.49926	3.43598	3.50499	1.86158	5.02842	3.85415
LOC10013170	52.9162	46.0436	78.9467	143.072	42.2798	34.537
PRAMEF21	0	0	0	0	0	0
OR2F1	0	0	0	0	0.13442	0
GNRH2	0	0.442064	0.378485	0	0.318444	0
LOC10028870	0	0	0	0	0	0
RBFOX2	22.2817	18.6675	24.2557	19.4277	23.8674	20.4496
DNASE1L2	98.3563	125.865	90.2316	126.293	81.9268	193.36
MORC1	0	0	0	0	0	0
IGF2	10.4958	14.1332	8.35279	8.05685	7.86655	7.79605
ITGAM	2.93516	2.43285	2.39159	1.2634	3.46609	1.89252
LOC441035	0	0	0	0	0	0
IRS1	5.23041	3.5425	5.21368	3.71142	3.57267	3.67776
NT5C1B	0.0753652	2.04E-12	0.0719063	0.0536918	0.143296	0.094959
TAF1C	23.5093	42.404	29.6125	36.1487	37.333	31.4235
DNAJC24	7.61091	7.13166	8.30507	8.16631	8.24301	6.8748
HAS2	1.44096	1.43956	2.19195	0.86933	1.43956	1.31526
NLGN3	1.03707	1.00626	0.88014	1.09241	1.34633	1.28652
FUT7	1.43281	1.52521	0.916607	0.472743	1.43733	0.362313
CTDSP1	65.6216	85.0194	83.1797	81.8449	80.7684	70.4448
UPK3B	8.66507	21.5382	3.88571	5.73428	4.7328	2.75224
CCL26	5.31151	15.2623	3.61876	0.249371	4.05952	0.496486

ADAM19	2.47394	2.30448	1.58295	1.09236	3.08568	1.65177
GPR84	0.998021	1.38661	0.701543	0.736313	0.544839	0.710771
TSEN15	14.967	15.0678	16.0304	13.7041	15.402	12.1991
C15orf61	8.72856	12.71	9.07083	9.34073	9.63073	9.7443
ENTPD8	0.0983972	0.476369	0.111684	0.0460733	0.310861	0.719826
HNRNPAB	90.1892	91.3869	84.3907	101.166	75.2873	79.3041
SCNN1G	1.96669	1.58978	2.08431	2.74366	2.29046	3.53661
LOC10050725	0	0.107744	0.276754	0.0572138	0.155231	0.15188
AK2	53.3107	47.1032	43.7297	42.2086	44.5147	42.3442
LRRCC1	5.24217	4.54566	4.65518	3.17111	5.07236	4.22472
ZNRD1	21.9038	35.9841	22.3445	33.9284	25.7482	31.3854
ITSN1	9.22965	9.74238	11.3705	7.67221	9.07822	7.79803
PXMP4	38.4847	26.4364	23.96	26.5123	19.7434	26.6313
SNRPE	11.9118	9.55201	9.48907	10.9898	7.80719	7.89766
FLJ37453	3.92214	4.11588	3.05304	3.54515	3.73611	3.26643
COX17	58.87	54.3972	35.853	36.9905	34.1117	37.7886
MXD1	8.7967	5.7556	8.21079	7.20141	9.84552	10.6973
PEX11B	28.5003	28.7673	28.4668	31.1832	34.8265	28.0654
LOC10012962	0	0	0.0449818	0	0	0
MIR378I	0	0	0	0	0	0
LOC10050763	0.654294	0.934477	0.419104	0.472594	0.288501	0.282273
COL9A3	7.07191	13.6288	5.44578	8.85388	9.02756	14.7404
THUMPD2	6.66607	10.1034	7.04675	6.6469	8.309	6.90984
ITGBL1	7.32737	2.97076	14.2196	8.89495	6.60062	8.27449
NR1I3	0.816117	1.15713	1.76108	1.33226	1.67904	1.66519
LOC284688	0.061093	0.432117	0.554973	0	0.116731	0.152282
CXorf26	29.9293	23.9652	22.7991	20.768	20.4409	24.5743
MREG	19.0192	16.9516	17.7058	16.9918	13.8775	31.3559
GFAP	1.63717	0.876961	0.925122	0.395027	0.678045	0.588595
SNORD115-2	0	0	0	0	0	0
UFL1	13.4322	9.62744	12.8284	8.70508	13.0755	10.3009
MIRPRE	0.0853276	0	0	0	0.108691	0.0531725
LOC10050736	39.8878	23.4378	30.0077	33.7319	34.399	29.9512
PRICKLE4	7.2845	11.0001	10.8336	10.2903	13.5902	10.8865
MAP2K3	34.9636	39.2858	34.1717	43.8763	43.5132	45.3287
CDX4	0.144081	0	0.10907	0	0	0.0897849
LOC10050668	0	0.313234	0.536386	0.332665	0.225644	0.66232
PDDC1	24.1349	30.3263	25.6288	31.2677	31.735	30.1351
MIR2110	0	0	0	0	0	0
F12	1.75868	3.59852	1.40741	2.54784	1.72818	2.53631
TIMM44	17.6758	23.4416	21.4012	29.7973	22.7789	21.8363
USP43	3.37565	2.47653	2.06606	3.10224	1.92125	2.10356
ZSCAN12P1	0.950114	0.350013	1.21872	0.817797	0.521087	0.953892

DEFB1	209.465	182.897	181.62	246.204	123.869	128.91
BTN3A3	16.26	14.2721	10.2715	5.85803	21.6901	11.1583
PRR22	3.76179	10.3936	6.82261	10.1553	9.03457	5.81164
NUAK1	5.09831	4.26061	8.23702	7.8432	10.5777	9.40059
LOC1005062:	1.98141	1.83299	1.75454	0.836761	2.07527	2.37516
CCDC129	0.947251	0.495663	0.819513	1.57923	0.541747	0.602333
NPHP1	1.52055	2.27439	1.82136	1.36893	3.33959	2.10232
ZNF814	4.60248	4.61146	3.73733	4.30735	4.18714	5.24019
RAD21	36.0026	25.0928	32.9053	25.1478	30.689	28.1306
AZIN1	30.3136	21.5335	28.3056	21.4164	25.8065	21.7403
PLXNA2	2.81041	3.07329	4.8273	3.83494	3.95153	5.3564
BEST1	1.43504	1.62481	1.85637	1.26274	2.33962	1.87837
ZNF771	1.88272	3.97357	2.02896	4.23669	3.73539	3.65476
SEMA4A	21.1899	23.7822	23.4692	28.2062	30.0359	34.3374
SNORA11D	0	0	0	0	23.388	0
ZNF507	4.37146	3.99694	4.25187	3.47325	4.02151	3.60874
ISM1	12.8086	13.6238	12.7226	14.5418	20.2958	20.5591
OR6Q1	0	0	0	0	0	0
ARMS2	0	0.137475	0.353123	0.292007	0.396133	0.0968955
RHOH	2.17192	1.00586	1.37013	0.776913	1.54799	0.998973
SLBP	35.3728	34.6233	33.2984	30.2889	30.5836	27.5377
CLN3	28.3172	31.233	27.9894	33.1362	28.7788	27.0853
MRGPRX1	0	0	0	0	0	0
TAS2R40	0	0	0.0922227	0	0	0
OR2W1	0	0	0	0	0	0
C17orf58	8.44358	7.88443	6.9692	6.01312	5.54339	5.32743
SNORD16	0	0	0	0	0	0
LOC1002872:	0.0167358	0.0118374	0.0126691	0	0	0.0129784
ARHGAP6	1.90749	1.63971	3.45962	2.0063	2.34265	1.91942
PCDHAC1	0.35662	1.79E-15	0.0367316	1.72E-28	6.11E-52	2.29E-24
CLEC10A	6.814	7.62255	11.6899	5.10543	20.5116	8.33973
LOC1005058:	0	0	0	0	0	0
SLC22A10	0	0.0345787	0	0.0734475	0.0498189	0.0487435
YWHAB	137.164	116.134	124.333	110.517	98.4778	104.66
ANP32C	7.527	5.87768	5.84038	4.59506	6.35102	6.6829
SLC12A9	12.5257	19.844	12.8167	16.0947	19.5244	15.611
LOC1005070(	0	0	0	0	0	0
LOC1005060(	0.989644	0.729151	1.99778	0.309753	2.73134	1.74733
MIR604	0	0	0	0	0	0
APEX1	89.9759	113.299	95.5018	102.365	101.446	84.6756
SNORA70E	0	0	0	0	0	0
MKLN1	10.6678	7.84746	10.2028	7.86819	9.2271	7.5757
MIR1245	0	0	0	0	0	0



LOC10050640	0	0	0	0	0	0
ZNF202	5.98299	6.69189	5.09303	5.73074	6.58055	5.83958
LOC10029440	97.5108	124.22	75.398	67.7991	197.864	263.781
ZSCAN21	5.39122	4.78236	5.8818	6.8524	7.67127	6.97032
ZNF728	0.0378275	0.133779	0.114543	0.106558	0.0481851	0.0235725
MIR599	0	0	0	0	0	0
FAM106A	0.312588	0.0197408	0.473912	0.293515	0.255972	0.111309
CPSF7	42.9185	46.7676	42.2497	41.758	51.3474	45.1359
PARP14	25.8483	27.4263	7.79337	5.30751	13.6943	6.02404
C5orf35	3.91872	3.35647	1.66145	1.32477	2.53483	2.0641
LOC10050730	2.15862	3.70477	2.59532	3.21921	4.20539	2.13643
GSDMC	14.6201	20.2706	15.4368	14.4214	23.0831	15.9206
C22orf15	0	0.251243	0.107558	0	0.0904941	0.265622
ZSWIM7	12.6187	17.6947	14.5018	16.2448	16.0279	16.0774
USP48	19.4398	17.5243	20.6253	15.6541	18.9365	17.8492
ALS2	6.07993	5.75695	7.86345	7.26595	7.80198	7.15766
LOC152217	14.9815	21.4983	15.6163	21.5799	16.4859	15.3968
GPR119	0	0	0	0	0	0
KIAA1614	0.866477	1.11807	1.73732	0.857587	1.13356	1.2988
OSM	0.168858	0.099529	0.170435	0.211406	0.143395	0.07015
LOC283050	3.25797	3.85281	2.21166	2.96925	4.17596	2.32666
LOC10012801	1.18773	0.63007	1.07894	0.669156	0.605178	0.740143
C12orf51	5.96216	5.98357	7.59469	6.22296	8.63242	7.85665
CCDC134	2.08252	1.22749	2.9559	1.71102	2.76327	2.37919
HEATR5A	4.16125	2.90907	4.26727	2.58976	3.44388	3.09063
LINC00092	0.612552	1.73306	0.602817	0.287588	0.624221	0.610746
SESN1	24.1714	21.1069	24.5414	19.5768	29.7237	26.7717
SUPV3L1	13.9676	16.3935	12.7996	16.0683	14.2025	11.3254
ZNF92	3.66156	3.20685	3.14973	1.56331	3.64598	2.86244
PPIAL4D	0.660521	0.929332	0.40318	0.421917	0.455732	0.548812
CADM2	1.08645	0.827189	0.846416	0.392711	0.544535	0.578533
IFITM2	85.5716	103.989	107.467	84.7208	111.51	73.7396
FGF13	4.32821	2.30774	2.70739	1.77743	2.21079	1.82216
LOC10012941	0	0	0	0	0	0
CMTM2	0.13384	0.692341	0.808665	0.125674	0.432984	0.521275
MAK	0.137878	0.401713	0.230411	0.379604	0.28101	0.210895
MIR584	0	0	0	0	0	0
SLC5A2	7.17E-09	0.0631017	0.111274	0.345942	0.135106	0.173094
IFNGR1	67.4125	63.327	63.423	40.6534	72.8545	50.0965
HIST2H2BF	1.24109	1.07688	1.1877	0.424768	1.5382	1.58943
WDR67	1.79529	1.76081	1.3166	1.10665	1.72662	1.53047
TMEM100	5.22069	6.93852	5.18853	2.65604	4.1658	1.69677
SCAMP4	37.9261	42.6385	42.6424	57.654	45.2087	51.0991

ESRP2	46.0292	48.0729	37.5269	45.0288	43.93	56.0603
PRKAG1	43.4831	45.7418	41.8091	40.2881	43.224	39.7474
LOC401286	0.0428461	0.0189409	0	0.0201159	0.0272889	0.0133499
LOC10050655	7.14215	6.54566	12.3298	9.73241	10.4846	6.7303
TMEM80	29.1238	43.8354	29.7377	34.7429	36.9555	36.7128
LOC284100	0	0	0	0	0	0
THAP5	10.7599	9.21534	9.88689	6.25785	9.62421	7.33527
OR51B5	0	0	0	0	0	0
VAPA	20.412	18.5361	18.9577	20.1297	18.7766	16.1193
FAM7A1	1.00771	0.769008	1.09649	0.534893	1.03751	0.408109
WDR35	3.53894	2.66628	4.09664	3.01269	3.96414	3.5954
TAF1D	24.9728	22.1537	29.6617	19.9751	28.1155	23.8408
LOC10050756	4.69797	7.66693	4.30695	7.15732	7.86902	5.38744
FAM78A	2.97557	2.8062	2.5904	1.76954	3.50604	2.28691
DAPK1	5.28832	5.45961	5.44349	4.64772	7.07519	6.92247
PMCHL2	0	0	0	0	0	0
RLTPR	0.672415	1.51558	0.92016	0.387313	2.30584	0.729032
IFITM10	5.33425	7.09766	4.45788	5.80224	7.08075	5.79245
DEDD	23.2985	24.5168	21.5574	24.9535	23.8784	21.944
PMFBP1	2.30807	1.0125	2.44978	2.0246	2.72799	2.29505
INPP5K	24.1875	30.5467	29.1691	29.5034	26.6706	29.6215
TM9SF3	52.0459	35.4825	45.8359	37.8738	39.2384	35.4412
C2orf62	0.0832492	0.147207	0.12604	0	0.212087	0
IRAK3	5.01636	5.26687	3.9996	3.00942	5.77609	4.04507
MYO15B	8.82388	14.7776	13.1163	12.2916	17.1072	11.8669
OR52M1	0	0	0	0	0	0
DOK4	22.3467	25.3244	33.2546	38.9248	31.9657	33.562
LAMA2	3.96745	2.33565	5.60088	3.13042	5.87328	4.75029
XG	12.4698	11.0863	21.9424	15.2807	22.5913	23.1399
KLHDC1	3.4654	3.9534	5.35948	4.72348	4.88892	4.3422
FSCN1	35.7317	53.2935	36.1141	51.5352	39.2543	43.9408
CHD1L	17.8255	17.1611	15.893	18.1637	17.7446	18.0815
POU4F1	0.0768465	0.135886	0.116346	0.120263	0.146832	0.303287
LOC10050654	0	0	0	0	0	0
DLX5	8.85048	6.54335	7.97052	9.52837	10.4477	9.3664
CISD1	12.7472	14.2961	9.72478	11.0845	11.5305	10.8798
YIF1A	42.4509	51.5733	43.1043	58.2138	39.9398	45.3581
LOC10013217	0	0	0	0	0.226514	0
RFPL3-AS1	1.23999	1.3607	2.56211	3.20391	1.74396	2.53267
MAP3K6	27.294	45.1096	46.9162	54.789	42.1304	30.8668
LOC645591	0	0	0	0	0.313841	0.309384
MIR643	0	0	0	0	0	0
LOC10050605	0	0	0	0	0	0

ZNF114	0.231686	0.24581	0.456008	0.348079	0.708298	0.548632
ZNF729	0	0	0	0	0	0
MIR652	0	0	0	0	0	0
C21orf58	2.88218	6.31135	4.33829	5.09796	5.14419	5.51347
MIR548AM	0	0	0	0	0	0
PRRC2A	37.0698	38.2782	38.4079	37.965	40.3028	44.2719
KCNA6	1.10476	0.622861	1.23628	0.240546	0.673036	0.858085
CYYR1	9.11686	8.06055	9.04757	6.89687	7.40698	5.80169
CNIH3	0.556035	0.869773	0.777086	0.481946	0.544833	0.613034
FBXL18	3.08577	3.43066	3.34702	3.36238	3.73268	3.53731
NCRNA00185	2.5944	5.60708	0	0.0676694	0	0
CTTN	91.6275	108.688	92.1646	106.098	101.873	101.268
MIR635	0	0	0	0	0	0
CCL27	110.033	155.795	153.312	121.287	213.542	181.356
PRMT10	5.04533	4.21121	5.28832	3.18041	4.98863	4.70506
LOC10065280	416.741	392.044	378.122	356.915	364.406	352.437
LOC10050720	0.0901837	0.0797347	0.0682696	0	0.0287192	0
ISG15	35.0787	49.5869	14.8213	19.9162	16.7564	9.02343
LOC400084	0.296484	0	0	0	0	0
LOC10050739	0	0	0	0	0	0
FAM50A	45.7514	59.3467	46.0546	55.355	45.8674	47.6705
MCC	9.87844	8.17355	10.2194	10.727	9.72141	8.53947
CD59	130.68	91.6646	93.7273	109.957	105.585	102.265
TMEM229B	3.30469	1.99021	2.21162	2.20361	2.16578	1.62658
ACHE	2.14819	2.16738	1.11767	2.10363	2.52147	1.72793
KRT13	1.8472	0.834254	0.714295	0.886006	2.43216	2.14687
MIR4637	0	0	0	0	0	0
RPL21P44	0.291567	0.051557	0.264861	0.82133	0.408541	0.363384
OR2T33	0.123291	0	0	0	0.122694	0.194475
MIR548O2	0	0	0	0	0	0
CELF1	27.6738	28.5015	27.9258	29.3142	30.0747	25.9935
C6orf163	1.01641	1.27308	1.53886	2.46552	1.72629	1.53068
ZNF93	2.36111	1.77125	1.67905	1.44464	1.83421	2.00638
APRT	200.346	293.238	174.321	255.398	196.803	209.129
OCLN	6.7004	4.5853	7.74369	7.17989	10.2482	9.68566
C3orf32	1.52588	0.981156	0.735065	0.846643	1.23689	1.25341
SLC41A2	2.7993	1.29874	1.61554	1.11906	1.72993	1.38171
OR12D2	0.112746	0	0	0	0	0
LOC10050682	28.7059	32.0589	28.4022	31.2104	30.1509	27.9309
GPANK1	6.25828	9.41795	6.64063	7.84198	9.12867	8.69265
OTUD6B	5.2073	4.65689	6.2301	3.82174	5.6229	4.69961
LOC401022	1.46456	2.31713	1.56846	1.03743	1.94059	0.944672
MRGPRX3	0	0	0.0245199	0	0.0412596	0.0201845

SEMA3D	3.32704	2.07798	2.85363	1.20376	2.72166	1.91159
LOC10028738	0.666701	1.27715	0.757045	0.626022	1.55696	0.83092
MAGEB3	0	0	0	0	0	0
TSSC4	19.6847	34.9428	23.7383	35.6776	29.1079	31.7126
CCDC88B	4.92237	6.69283	4.46854	3.5724	8.96808	5.45046
LOC146481	0.057478	0.0508184	0	0	0.036608	0
BCL2L12	7.31313	11.7126	9.81908	10.7927	12.3861	10.6781
ST8SIA6	0.857707	0.482574	0.885394	0.219647	0.446955	0.0971794
SLIT3	12.1301	7.5341	20.8128	9.79635	11.5715	10.754
G3BP2	32.2806	22.2423	26.4937	23.1819	22.5452	19.8699
FBXO2	12.021	15.1994	9.36676	20.3436	14.2777	16.4282
FIBCD1	0.290481	0	0.219895	0.390538	0.426064	0.27883
SUPT3H	3.26971	3.93395	3.21013	4.0637	4.61099	3.91498
KIAA1875	0.654891	1.27619	0.617165	0.865925	0.868256	0.982772
FAM135B	0.0820566	0.0967323	0.082823	0.0898915	0.121945	0.102268
LOC10050926	0.0655049	0.0289577	0.123969	0.0615081	0.187742	0.244919
DAK	9.05678	10.8439	9.44129	11.9448	12.3117	10.7321
CLCN1	0.160292	0.085032	0.14561	0	0.0204182	0.0399548
CSPG4	10.65	12.8612	12.0673	13.1441	12.7656	12.8247
LRRK1	1.6813	1.37855	4.00995	2.74999	4.62433	3.23377
AP1S1	43.4769	53.0616	41.4307	45.787	37.4638	41.1706
ITGB8	10.6369	7.06971	8.93321	7.98379	9.69183	9.0663
SNORD45B	0	0	0	0	0	0
SOX10	17.7066	14.2991	12.375	19.67	14.785	15.7257
MIR4659A	0	0	0	0	0	0
LOC10050665	0.24269	0	0.0918589	0	0.154571	0
OR6C65	0	0	0	0	0	0
OR7E91P	0.998624	1.52504	2.81768	3.66552	2.60194	4.01666
C8orf55	21.1621	23.5669	20.5531	26.5087	19.902	18.322
FOXE3	0	0.230933	0.0395454	0.0981037	0.133086	0.0651066
LCE3A	15.7731	6.3389	2.17097	0	1.82654	1.78711
B3GNTL1	2.68513	3.42138	3.28812	2.15051	4.57723	4.18315
DRD1	0.204515	0.129156	0.486573	0.384072	0.204689	0.0364128
HIST1H2AA	0	0	0	0	0	0
PUS3	8.49471	8.96251	6.21619	7.49781	7.14163	6.1758
LOC10050744	0	0	0	0	0	0
GOLGA3	14.1316	13.9376	15.2861	14.2841	14.7533	14.8918
KRT80	95.0616	62.6778	117.263	103.357	162.36	174.791
SNORA71D	0	0	0	0	0	0
COL18A1-AS1	0.0287432	0	0.0987455	0	0.138078	0.0270422
NOTCH4	8.89398	12.9687	10.3878	8.34579	10.4391	8.6953
LOC285556	0	0.0163658	0.00700626	0.00869052	0	0.0115349
RFXANK	28.2357	40.0104	28.2279	38.8003	35.2753	34.844

UBE2F-SCLY	2.77E-06	7.03E-06	0.239717	2.06E-06	0.299886	6.25E-06
LOC10028826	0	0.0587409	0.201178	0.12477	0.190418	0.0414017
C4BPA	0.045492	0	0	0	0.0289741	0
DGCR9	1.46776	1.59432	1.23809	2.087	0.908117	1.48957
STX3	8.87348	9.91817	9.99779	9.72994	11.4909	9.91172
CNTF	0.934768	0.632025	0.749116	0.361445	0.490189	0.548175
LOC10065296	8.30727	8.19633	5.37725	6.2177	7.66803	5.70191
C6orf15	1.70244	2.3906	1.44037	2.16276	4.84743	4.99241
NF1	5.83039	4.5845	6.98934	4.89982	5.60149	4.54297
HTR5A	0	0	0	0	0	0
FOXM1	6.36173	9.49975	3.6414	6.99729	7.27155	8.0192
VMO1	1.43129	3.05191	0.952904	2.54529	3.1056	3.16073
FMO3	0.454701	0.706676	0.830147	0.472822	0.320711	0.165285
PLXNC1	3.76019	4.85811	4.40616	4.19213	5.27616	5.51972
SRF	17.1359	18.789	17.0406	19.5111	17.0727	14.1117
LOC442075	1.92573	2.67552	2.29081	2.45402	2.56252	2.31435
ACTG2	93.6038	86.8125	34.6163	56.3223	45.9278	56.8299
MRPS18B	60.4252	62.6373	48.6011	55.0309	48.9676	49.1163
FLJ41309	0.898627	0.832343	0.161968	0.241085	0.408814	0.453322
PAR-SN	0.34988	0.360899	0.706297	0.438043	0.519961	0.363384
LINC00163	0	0.210226	0.107998	0.357227	0.121152	0.296343
LOC400604	1.53738	1.49518	1.10562	0.938327	1.66459	1.48495
HOXC12	1.89076	1.5431	0.330304	1.77539	1.01897	1.72205
SLC4A4	1.97575	1.03295	0.771539	0.209279	0.318698	0.156239
KIR2DL2	0	0	0	0	0	0
CAMK2A	0.555646	0.403821	0.330789	0.317577	0.404317	0.309269
NCDN	7.2611	7.09518	7.1171	7.83812	8.0016	7.2994
CLIP2	6.21244	8.94691	7.26075	9.78711	7.95827	6.1852
TTY21	0	0	0	0	0	0
S100A3	17.6284	27.8988	11.0762	190.854	13.6977	425.24
KIAA1033	14.254	9.46643	12.7636	7.77649	12.735	11.0825
LOC653786	0.303101	0.168829	0.0892303	0.106253	0.216963	0.0705152
CHST1	4.71814	2.8353	1.17195	2.49202	3.16935	2.48075
LOC10013015	0	0	0.611515	0.758518	0.514497	0
LOC10050655	0	0	0	0	0	0
C4orf19	2.43323	2.07556	1.10807	1.217	1.00913	1.31243
PHOX2A	0	0	0	0	0	0
LOC10028839	0.81974	0.937066	0.51057	0.36189	0.879712	0.570817
CT45A4	0	0	0	0	0	0
ELMOD3	29.0627	30.5679	36.9296	27.837	27.5827	21.2381
LOC10065297	2.42E-08	0.11878	0.0809248	3.28E-10	0.0893989	0.112342
TIE1	7.77491	8.89854	6.97135	5.10327	6.45828	5.01747
A1CF	0.0101876	0	0	0.0382711	0.0292059	0

PPP1R1C	0.577128	0.204104	0.436889	0.541914	0.882182	2.66135
CCDC103	0.797443	0.783387	0.536594	0.249595	0.620762	0.93865
C19orf43	122.071	205.728	139.885	199.718	161.242	148.419
CEP63	10.2071	8.42661	8.55095	6.08152	7.1792	6.83637
CHD3	26.9613	31.2643	29.8458	30.8663	38.5611	33.4259
ECT2L	0.448279	0.376642	0.188005	0.253955	0.299706	0.321024
RAD51AP1	2.39602	2.8105	2.40637	2.14371	2.34723	1.83742
OR2A12	0	0	0	0	0	0
SLC35G4	0	0	0	0	0	0
VPS45	22.0905	21.945	19.5411	19.7105	22.1771	20.5052
AQP2	0.209489	0.123478	0.140964	0.131138	0.1186	0.159554
LINC00254	0.206225	0	0	0	0	0
LRFN1	1.20193	1.78977	1.05353	1.2474	1.9138	1.20233
C1orf43	125.172	126.491	119.361	123.66	97.4321	96.5057
INTS3	25.6675	31.3542	29.2848	30.1318	37.4057	37.1777
LOC10050746	0.261389	0.490992	0.307677	0.242862	0.470661	0.322351
CABP5	0	0.101133	0	0	0	0
SLC26A9	5.67634	5.77562	7.03972	7.06883	6.80748	7.31275
LOC647979	92.3606	71.9073	100.674	75.5064	83.3611	72.9615
FBXW4	38.2519	52.8947	41.0223	48.5847	49.1181	44.6224
MIR4513	0	0	0	0	0	0
LGR6	6.55772	8.68324	8.24938	11.4923	9.43365	8.83962
HCAR2	16.5063	16.8865	15.0246	10.1143	17.3416	13.8287
MTERFD1	15.3351	15.6811	15.3611	13.0176	15.7357	14.3825
MIR3180-4	0	0	0	0	0	0
TPRA1	27.2901	34.8113	28.6996	33.655	33.0081	40.7966
COG2	11.3271	9.59957	10.3558	10.9527	11.9255	9.67765
JMJD7	22.9444	25.4937	29.9242	33.8977	36.2773	37.8732
C1orf201	3.70758	3.32052	3.50136	3.53356	3.6012	3.31957
OSGIN2	11.8093	8.01869	10.4429	8.79299	8.29069	7.61805
LOC10050750	0.10789	0.0633363	0.165003	0.16822	0.114642	0.157017
SLAIN2	15.3149	13.1323	17.4866	15.2923	14.3169	15.2182
AGBL3	0.139039	0.245858	0.252607	0.287221	0.265663	0.173286
MIR647	0	0	0	0	0	0
MIR1243	0	0	0	0	0	0
NAT1	1.22251	1.39234	1.68341	1.73738	1.40549	1.30484
TRMT5	6.01924	6.23827	4.95581	4.8665	4.78342	4.38553
RAPSN	0.0721224	0.573759	0.393101	0.609303	0.448369	0.202247
RBM7	16.0441	12.2204	14.4022	8.75408	13.5213	11.1464
PAFAH1B2	27.0945	22.7632	25.1168	23.255	22.8926	21.5511
RAD51	1.8162	2.62324	1.60933	2.5364	2.17144	2.29007
LOC10050744	0.446366	0	1.35161	0.628696	0.995026	0.834469
PHYHIP	11.3845	14.3981	28.3105	37.5009	29.9892	26.4136

CELSR2	18.4103	17.5494	20.6885	25.0409	24.0034	29.7673
C17orf109	8.71446	7.5345	9.83993	14.7314	13.4247	12.9325
WDR31	1.12959	0.643362	1.64535	0.720964	1.3861	1.53187
MMS19	29.2935	32.8326	32.4782	35.5766	37.0604	32.572
MCM8	3.6295	3.28103	2.72768	2.09094	2.10916	2.57595
RHOBTB2	4.77725	5.13569	4.38636	3.97527	2.91803	3.03775
C7orf70	11.0303	9.38503	8.28011	9.01385	10.582	10.9
KCNN3	0.324344	0.324964	0.354559	0.203172	0.265341	0.242502
OR5E1P	0.60221	0.266218	0.455876	0.565466	0.575326	0.187636
COPS5	42.1072	40.107	41.113	33.9674	36.2185	40.1406
REPIN1	38.3292	44.9894	38.7629	43.2649	42.9993	40.6069
LILRA1	0.12246	0.0962416	0	0.153318	0.138659	0
LOC10050717	0.351582	0	0	0	0.447849	0
PRRX1	34.5809	26.9187	32.6451	20.399	29.8176	18.3003
RNFT1	17.4675	11.7752	12.0597	10.1489	11.9408	12.3853
ZNF564	5.16512	6.62615	4.37003	4.84997	4.88079	5.80625
PFKL	78.8958	103.391	82.9906	88.1834	101.569	94.2549
EIF3E	175.502	172.388	192.533	187.57	181.344	170.139
CPA2	0.0827267	0.365709	0.250498	0.0776791	0.105378	0.103104
MID2	5.46507	3.60108	4.96998	3.81809	3.93187	3.91234
HIST1H3J	0	0	0	0	0.446149	0.436519
ST5	16.8805	23.7327	16.5224	22.7609	20.9296	18.1114
MIR302F	0	0	0	0	0	0
TTY9A	1.23258	0.599372	0	0	0	0
FAHD2B	21.3759	24.4136	17.1569	24.3883	21.9334	21.6449
LOC10050679	1.93714	0	0	0	0	0
PCCB	47.2647	34.0315	32.6277	30.8403	31.0111	34.0401
LOC10049948	0.994252	0.993139	0.576056	0.61516	1.15706	1.25592
LOC391766	0	0	0	0	0	0
LOC10050730	0	7.11E-07	0	0	0	0
PSMA1	135.992	132.274	118.33	107.291	104.324	103.172
KCTD2	20.0004	17.8236	21.0361	23.1828	21.5793	19.4297
OR2T35	0	0	0	0	0	0
BCKDHB	32.2407	19.911	21.6707	17.5399	16.4702	18.5838
LOC10050620	0	0	0	0	0	0
HDHD3	24.0733	32.9281	28.0542	35.3159	30.0796	30.7282
RAB3IL1	7.00074	10.1715	8.74265	6.78293	9.74122	6.89118
KRTAP4-9	8.23332	3.40983	0.236674	100.547	1.92547	1007.23
DNAJC10	24.8878	18.9282	21.0701	15.8118	21.5978	17.5037
SMR3A	0	0	0	0	0	0
TXNDC12	32.7696	28.2073	31.5127	25.7669	26.4283	23.16
ACER2	2.2742	2.38191	2.91345	1.77406	2.6295	2.94339
FUCA2	11.0728	10.7689	11.2262	9.09757	7.90871	6.45655

C1orf168	0	0	0.0645723	0.16019	0.072437	0.460677
LYVE1	4.44141	2.1419	4.40139	1.59234	4.29457	2.81802
GLI3	4.98278	5.18049	6.36523	4.97117	6.03123	6.33949
RRP8	9.61063	11.7394	9.85995	12.5864	9.30241	9.86343
CGB1	0	0.539766	0.475296	0.977938	0.532397	0.415706
LOC10050714	0	0	4.81319	2.98679	8.1003	0
CXADRP3	0.197957	0.233362	0.399613	0.248699	0.448752	0.164478
WDR93	0.168203	0.223072	0.190996	0.118455	0.107129	0.104817
TWSG1	12.6636	10.1366	12.4465	7.73152	10.754	8.63832
GRM3	0.0912419	0	0.051803	0.0214187	0.0290562	0.028429
GGT7	10.1582	14.0606	11.4052	14.0397	18.0283	14.3911
MIR663B	0	0	0	0	0	0
BLOC1S3	9.20675	10.842	9.95651	11.2603	10.2001	11.4745
LOC10050550	1.00275	1.1399	1.20168	0.719297	1.18669	0.994505
HOXB5	0.124458	0	0.626682	0.0647248	0.152704	0.16108
ATP6V0CP3	0	0.40343	0	0	0	0
STXBP5L	0.0907616	0.0713295	0.0839753	0.151509	0.0963443	0.0502745
NPPA	0.144458	0.255333	0.765996	2.17432	0.918628	1.26058
LOC730198	0	0	0	0	0	0.0803731
PTMS	203.636	248.012	154.228	226.933	176.419	187.549
DPEP2	1.11145	1.5286	1.21531	0.637775	3.22482	1.73152
LOC340094	0	0	0	0	0	0
TAS2R39	0	0	0	0	0	0
ZNF253	3.27313	2.73955	3.23763	2.3358	4.14155	3.48105
C21orf59	22.6045	26.6471	26.1571	28.0858	24.1401	24.4253
IFNAR2	7.82475	8.19508	7.57105	3.96882	7.2293	4.72276
TMEM106A	1.71651	1.67571	1.32648	0.470101	1.526	0.913663
FLJ33581	0	0	0	0	0	0
RRBP1	42.372	39.1418	34.8122	35.7163	31.4143	33.8083
CUL2	11.0178	9.98943	9.22548	7.65839	9.73047	8.57207
CRAMP1L	9.41538	8.95894	9.97475	9.99102	12.4662	10.5318
LOC10029268	0.0454696	0.201007	0.240945	0.298866	0.173759	0.198343
FAM7A3	0.422661	0.458523	0.999496	0.3709	0.702363	0.359393
FAM21C	11.2208	10.6692	10.6522	8.54507	10.1028	8.60096
CLPTM1L	42.1908	46.9657	40.2124	49.2966	39.5474	36.4037
AGTR1	5.30976	4.2236	5.19477	2.32215	3.51382	2.45985
PMS2P3	3.59552	3.24498	3.55491	3.74047	4.93447	3.65837
NME6	12.2089	12.1436	8.73677	9.04578	10.773	12.7792
CYP11B2	0	0	0	0	0	0
BET1L	27.0778	31.1387	29.3714	29.2534	33.2271	27.4197
PYGM	4.08725	5.82233	1.84856	1.73849	3.20246	2.69335
CST8	0	0	0	0	0	0
FAM172A	7.75649	5.81202	7.41726	6.00329	6.2771	6.62387



FAR2	115.569	79.7313	85.4969	77.2673	66.7548	88.7108
SLAMF6	2.05318	1.33575	0.730638	0.214138	1.78786	0.785631
SPTBN4	1.06355	1.0229	1.04118	0.827045	0.928003	0.93898
FES	6.22062	10.3227	7.5214	6.40314	11.5703	8.45208
LOC10013117	0	0.750084	0.547204	1.44571	1.09783	0.626578
PDZD2	8.08327	6.11862	11.8225	7.12753	8.69704	7.91049
KEL	0.27694	0.279832	0.269543	0.33434	0.302373	0.0986155
TCTE1	0.439882	0.333357	0.523275	0.354036	0.48028	0.234957
CAD	9.37051	10.936	9.8296	9.82947	12.0386	10.0658
GNN	0.15017	0.0569019	0.0811999	0.241727	0.122971	0.106948
ZNF234	4.22955	4.01433	3.60346	3.00498	3.96601	3.6656
GPR171	1.10936	0.4646	0.839789	0.274123	1.89654	0.509382
MKNK1	24.8183	29.2027	24.3745	21.2251	28.9918	27.1804
MANSC4	0.31442	0	0.158679	0.49206	0	0
SSPN	9.86487	7.32578	10.5331	7.96161	8.3444	6.64784
ARG2	12.3865	9.53571	5.51635	6.50932	6.71933	4.77675
LOC646851	0.931238	0.766838	1.52049	1.49165	1.12807	1.63852
C1GALT1	4.40344	4.64193	5.83931	5.69612	4.21666	3.61713
LAG3	2.85538	3.07536	0.668112	0.926218	1.58715	1.09996
RTF1	18.143	17.8572	18.763	19.2173	18.5375	17.0606
GUCY2D	0.270735	0.550543	0.307421	0.254215	0.137946	0.404905
C17orf42	6.97549	7.90864	6.95782	6.47282	8.51959	7.97771
VPS54	16.9922	13.8614	14.3685	11.8974	13.3673	12.6693
CLCA3P	0.02886	0.0765486	0	0	0.0183811	0
EYA2	4.52621	3.50984	2.92091	4.63319	2.71739	2.82054
1-Dec	0	0	0	0	0	0
DUSP26	0.12866	0.0568763	0.146094	0	0.122916	0.120263
VWC2	1.21096	1.75198	2.3751	2.06741	2.03334	1.33774
SNORD76	0	0	0	0	0	0
ATXN1L	9.26565	8.60092	10.9388	8.65638	10.31	8.32843
MIR624	0	0	0	0	0	0
MYCBP	18.9063	16.8139	15.2912	16.0856	12.7428	14.4878
KIF26A	2.89145	3.99053	3.9933	5.00624	3.90774	5.52853
OSCP1	6.44561	7.29502	6.35695	5.2583	5.04531	4.65177
CACNG1	0	0.0738034	0	0	0.0531657	0.0520181
UPB1	27.0491	32.2391	9.38968	12.255	13.1984	15.997
GPKOW	8.0229	6.91601	8.09784	7.81588	7.85637	7.41597
GPAA1	57.2862	80.1573	63.4652	87.6557	67.4513	71.0656
MC4R	0	0	0	0	0	0
LOC400685	0	0.131207	0.11234	0.0928974	0.0630116	0.154129
LOC653550	0.0760523	0.189941	0.118116	0.147168	0.111205	0.0809789
CD300LD	0	0	0	0	0	0
LOC400499	0.0552988	0.0733376	0.251169	0.0519247	0.193711	0.12061

DUSP14	24.1851	26.7444	32.674	49.1032	30.9889	72.6436
C5orf32	57.8512	55.137	54.8425	70.3935	37.6063	41.673
TMEM123	114.41	61.9252	88.6786	75.2903	85.2876	76.4234
LSR	22.1839	27.826	24.579	28.0746	25.9246	32.9067
INS-IGF2	1.62E-06	1.07E-06	1.06E-06	6.82E-07	9.36E-07	1.11E-06
BIRC5	9.05061	6.74096	3.00674	6.49041	5.86167	5.40026
IMPA2	127.903	170.89	161.953	228.753	221.099	186.584
GRAMD1A	13.9497	20.2062	16.0886	15.9511	21.358	14.7944
LOC200726	0.0794503	0	0.180433	0	0.0506024	0.0495101
SUZ12P	3.77406	7.78584	6.80235	6.91882	12.5912	10.4901
VPS28	115.387	153.635	121.244	185.304	147.207	141.244
LOC10050559	2.03239	1.90922	1.63469	2.38547	1.13263	1.34565
HBCBP	0	0.433436	0.185556	0.460324	0.780585	0.458241
LOC554206	2.35615	3.07514	1.61375	2.21239	2.57254	2.72676
TBX2	5.07241	9.81996	5.27427	6.78852	5.57008	4.10555
CACNA1S	0	0	0.0117336	0	0.00987206	0
AP1AR	12.7449	8.96618	10.6335	8.91118	10.7395	9.56466
LOC374890	0	0	0	0	0	0.064074
KLF8	16.6428	15.6882	22.1438	17.0358	24.2883	21.891
FAM120A	43.5955	32.2156	34.1581	30.7278	32.5729	31.2078
ZMYND15	3.75791	4.64403	3.02169	4.22142	5.0574	3.30598
IMP4	38.3728	43.4106	33.9037	44.8575	35.9202	35.5583
CYP27C1	2.20868	4.32532	3.92214	4.9619	7.88817	4.41207
SNORD116-2	0	0	0	0	0	0
ZNF160	11.4758	11.4298	9.17941	6.63204	13.3262	11.2595
ZNF383	2.99391	4.19112	3.63569	3.86545	5.2438	3.07059
PSORS1C3	0.487645	0	2.2149	1.60262	1.08704	0
SLC12A1	0	0.0181528	0	0	0	0
MIR19B2	0	0	0	0	0	0
FOLR3	0	0	0.1108	0.137435	0.186443	0.456045
CAPN5	3.26849	3.046	3.84515	3.4838	4.14938	2.76618
ANKRD13D	24.1268	36.4576	25.0837	37.8259	36.509	36.8395
CIB2	14.0586	17.2057	11.4813	23.4103	11.5564	12.0838
LOC10065296	0	0	0	0	0	0
FAM110B	1.533	1.21788	1.24458	1.33515	1.20278	1.43987
FAM83H	29.5055	34.8482	31.7192	39.151	32.3213	38.1727
DNM1	8.85456	12.2865	12.9868	11.0851	12.9433	9.21537
TCEAL3	22.4424	23.4814	23.5265	23.5999	21.0316	18.2562
RPS26	202.212	302.763	141.151	208.187	237.552	231.583
RSPRY1	8.14752	5.44657	7.74726	6.67077	8.35335	7.6777
BCAS3	6.7224	5.79886	8.48835	8.83007	7.17672	8.37812
KBTBD2	14.5462	16.2452	14.8686	13.3116	15.5866	12.3877
SYNCRIP	35.2993	29.2837	32.6782	29.8097	28.9247	26.3081

LBX2	0.327377	0.245084	0.0800315	0.150373	0.335089	0.180476
SLC43A1	11.3785	11.8634	9.23293	7.21707	9.50234	5.32458
TOR1A	16.8803	17.8145	16.4347	15.1174	15.4431	15.3834
PHIP	7.65624	6.32483	8.75614	5.64067	8.37223	7.03178
OR51F1	0	0	0	0	0	0
IRF6	56.2251	48.5153	53.6602	60.9254	56.9935	48.9932
MIRLET7G	0	0	0	0	0	0
EBF4	4.03822	6.11193	3.47146	5.8484	5.97219	4.09456
IRG1	0	0	0	0	0	0
CYP3A43	0.0516539	0.167324	0.175962	0	0.131595	0.128755
IRF1	18.8896	28.0063	8.99773	4.10629	14.8915	4.97609
MIRLET7A2	0	0	0	0	0	0
MORC4	12.3927	10.334	11.588	9.38412	11.5002	10.801
SNORA74A	0	0	0	0	0	0
MIR9-1	0	0	0	0	0	0
BACE1-AS	5.00923	4.06917	6.18228	4.26869	5.40118	4.84311
CPSF1	15.9332	22.2296	31.3788	33.7168	41.9239	35.9453
ACSS2	137.733	129.351	108.536	106.107	86.8584	126.266
LOC254100	2.63798	1.74925	3.06676	3.00781	3.42029	2.58323
KRT25	67.5227	27.8036	4.1756	343.208	11.8316	130.222
MYNN	5.37265	4.76098	5.23025	4.15749	5.27605	4.62583
PPP1R7	60.9222	59.7139	52.7253	57.1783	54.0426	55.3644
SNORD115-3l	0	0	0	0	0	0
BDAG1	0.193584	0.740527	0.0955854	0.0702702	0.414838	0.386264
KRTAP12-2	4.0488	0.311124	0.266387	49.5638	0.224124	143.962
LARP4	16.4325	9.84801	10.3729	8.78542	10.0855	9.16193
EXT1	14.8891	15.6257	14.4661	13.3477	13.7577	11.0864
TERC	0	0	0	0	0.248545	0.729541
VGLL3	2.79154	1.58664	5.12522	2.18718	2.83432	1.95419
C1orf131	14.2939	12.3002	9.84474	8.94552	10.0218	9.80027
MRPS15	86.1963	94.1474	73.7217	81.2449	64.4273	66.97
MIR512-1	0	0	0	0	0	0
OR5AU1	0	0	0	0.0990871	0	0
OR5P3	0	0	0.0968244	0.360301	0.0814631	0
CUL1	27.1418	23.2431	23.9897	24.9644	21.375	20.7328
LOC10050579	0	0	0.911488	0	0	0
TMCC1	6.14168	4.16272	5.51134	5.11127	5.15146	5.12599
LOC154872	0	0	0	0	0	0
UFSP1	1.53509	5.11573	1.34086	2.21758	3.15876	2.35472
CDH13	11.0789	15.0442	10.7454	13.4855	12.4092	9.81765
PCGF2	9.89456	12.5984	9.88425	11.6089	15.3773	12.8084
CTSC	60.488	53.2989	36.5507	32.4317	36.7633	27.0959
SPG7	37.6251	57.9059	46.2426	56.6697	54.001	45.0461

TRIM48	0	0	0	0	0	0
CSF2RB	6.4527	8.62804	6.31699	3.1978	9.50066	4.62917
IRF2BP2	41.7804	43.5647	53.6907	52.6699	49.6894	43.6056
WASH3P	27.3291	51.1706	33.9822	51.1677	47.2041	44.444
ZNF620	1.22406	1.17484	0.6977	0.67477	0.846322	0.635583
SLC39A11	24.7896	18.2071	18.7898	20.0659	15.5384	18.4642
HDAC11	14.9847	17.0207	14.3925	13.9423	16.7322	18.1013
SNORD5	0	0	0	0	0	0
TICAM2	4.06283	2.71123	2.58765	1.88308	2.91176	2.08021
LOC10050578	0	0.0838742	0.107721	0.356309	0.120841	2.42377
C9orf129	8.77524	6.77384	7.28715	7.19436	6.44382	7.14148
MIR922	0	0	0	0	0	0
PIK3CD	3.1444	4.11538	3.50903	2.16814	6.71907	3.97312
OR10G7	0	0	0	0	0	0
DEFB131	0	0	0	0	0	0
WAPAL	13.8855	8.88586	13.3573	10.5758	11.9333	10.9389
LOC10028786	2.65811	1.22616	3.14954	1.41074	2.72347	2.52064
MSL2	10.5761	9.15252	9.14484	9.53237	11.6454	9.46428
DDX27	21.2425	17.1696	16.7847	18.9683	22.0357	19.01
PAN2	15.8903	19.9645	19.9399	17.9939	23.4642	19.5676
MIR3668	0	0	0	0	0	0
YSK4	0	0	0	0.057902	0.157098	0.0384267
CR1L	0	0.100572	0	0.0534054	0.0362245	0
FBXL14	2.18963	2.9254	3.13094	2.55861	2.6962	2.39542
PIK3R1	36.9781	22.8055	37.0506	28.174	31.7427	24.4798
LOC643699	1.02123	0.734121	1.10605	0.679458	1.09169	0.999288
SCML2	0.996691	0.942613	1.14015	0.566459	0.974014	0.779809
TRAPPC10	12.3212	9.78255	12.6776	11.3514	12.5107	10.1126
ALS2CL	35.9339	71.8812	53.5847	71.762	82.2505	70.1311
HTR3A	0.232966	0.183088	0.209015	0.194446	0.148377	0.326643
SEMA7A	7.10071	6.76575	6.9753	6.49605	9.06017	9.51811
psiTPTE22	3.11274	2.61784	2.75867	2.56638	2.75619	2.46015
TTY9B	1.23258	0.599372	0	0	0	0
LRRC8A	17.3868	18.2042	18.9288	25.1547	19.5824	22.7956
HERC5	3.63692	3.6855	1.90604	1.76004	2.56583	1.25522
KRT24	0	0.0489582	0	0	0	0.0345067
FAM207A	14.6767	16.7712	11.8441	21.7121	14.3743	15.9622
SMCP	0	0.293761	0	0	0	0
LOC10013283	0.261344	0.184851	0.197839	0.147239	0.233032	0.130287
LOC10013304	0	0	0	0	0	0
C5orf60	0	0	0.142495	0.176749	0	0
BATF	6.98633	8.87224	3.65401	2.2662	5.90588	3.2454
LOC10050684	0	0	0	0	0	0

BTBD8	0.150234	0	0.227456	0	0.239213	0.0936197
ACTRT2	0	0	0	0	0	0
C1orf162	13.1364	12.6597	8.2541	5.67404	17.6536	8.02233
LOC10065295	4.63E-08	3.71E-09	1.28E-08	0.286213	5.62E-09	0.23112
XK	0.359986	0.217769	0.200798	0.338021	0.21721	0.306975
LOC651337	0.814941	0	0.308458	0	0.519041	0
KRTAP9-9	6.02037	1.81124	0.18228	73.4066	0.153361	871.667
SNORA8	210.485	341.179	212.451	362.344	290.461	218.609
SYCP2	3.50506	1.81289	2.26862	2.02409	2.02032	2.06408
ANKRD20A3	0.138823	0.0704551	0.0751457	0.0452947	0.0489845	0.0644524
LSM11	0.668555	0.452013	1.0122	0.516981	1.07704	0.514642
APOBEC3G	9.00301	9.37057	3.2784	2.408	5.22605	2.27266
AKR1C4	0.513989	0.408839	0.214398	0.0886459	0.0601278	0.240222
DYNLRB2	2.28682	4.04372	3.46227	3.06755	2.0807	2.44294
TTC12	6.23843	6.83627	5.99747	4.74398	4.48635	4.59932
RHBDF1	19.0042	30.9316	26.4168	34.8262	33.984	29.1373
SHISA2	1.38015	1.98289	0.783585	3.33704	2.63707	7.41793
TMC1	0.0926971	0.054638	0.116954	0	0.0196798	0.0577649
EML4	23.2448	23.5722	29.1432	24.0776	29.2043	25.5099
ERAL1	29.6811	31.7642	24.8978	30.9369	29.4145	26.9942
RCN3	12.2703	16.472	23.307	14.2699	19.5018	17.0465
MIR4268	0	0	0	0	0	0
TUBD1	6.11151	5.97559	6.04028	6.72821	7.47454	6.84078
MIR3199-1	0	0	0	0	0	0
PMAIP1	6.70061	6.77734	7.14193	4.93274	8.09147	6.74766
CD177	2.79052	1.21462	0.324991	0.322493	0.109372	0.133764
MIR658	0	0	0	0	0	0
OR51A2	0	0	0	0	0	0
CRHR1	0.30544	0.405757	0.597378	1.8409	0.817335	1.85439
LOC10065294	0.0826329	0.0365294	0.0312768	0.0387955	0.0526294	0
OTC	0.0644196	0.0569557	0.048766	0	0.0410292	0
IL21	0	0.203222	0	0	0	0
LOC10050760	0	0	0	0	0.0355668	0.0347991
SNORA49	0	0	0	0	0	0
ZDHHC22	0.0577924	0	0.0218746	0.0271331	0	0.0360137
NUDT2	29.4146	37.2428	26.4743	36.6948	45.1751	46.3197
PLCB1	3.79619	1.49395	2.06664	1.83576	1.44891	1.63844
TRPV1	4.70371	7.52522	5.77514	6.14802	9.48778	7.66711
MIR505	0	0	0	0	0	0
OR1D4	0	0	0	0	0	0
PEX10	15.8334	16.4615	14.4714	20.9331	13.9679	14.8859
SYNGR4	0	0.203849	0	0	0.0734233	0
MIR1181	0	0	0	0	0	0

TRIM62	8.29539	8.9541	7.49321	8.74497	10.8747	9.60925
GDF7	0.0518576	0	0.0392565	0.097387	0.132114	0.0323155
KLRC4	0.264415	0.233716	0.302909	0.255039	0.172499	0.165553
CALML6	1.45736	3.31331	1.41844	2.63914	3.44761	2.91911
LOC1002873:	0.175357	0.23256	0.132747	0.246987	0.390901	0.109275
LOC1001303:	0.882855	1.13182	0.735159	0.746088	0.534181	0.385111
COPG2	14.7605	12.1414	14.6342	18.9628	10.8658	9.58047
TTC9C	15.3721	11.5612	12.4679	12.2784	16.0209	13.3736
MRPS18C	15.7559	11.825	15.9793	13.9692	12.1887	10.4574
MT1B	0	0	0	0	0	0
C4orf7	0	0	0	0	0.362273	0
CYP4Z1	1.52716	0.433855	0.86728	0.511966	0.590346	0.40772
GNS	32.5472	23.2135	28.4913	22.0965	22.7749	21.1364
FP588	1.74268	1.63808	1.33311	1.79137	1.81093	1.86329
LOC1002869:	0	0	0	0	0	0
FAM175A	3.50797	4.92625	4.40603	3.71312	5.51633	4.71755
GIT2	13.0744	11.8243	12.3091	11.6857	14.477	11.7376
PDCL3	13.5135	14.4122	13.6389	14.5009	11.2019	13.1654
C6orf94	2.96729	2.30867	1.34775	2.34044	0.982741	1.40531
RASA1	15.3144	14.603	16.9929	13.84	15.7124	13.7274
KIF20B	2.55848	1.63296	2.06285	1.37888	2.27553	1.87736
DEFB136	0	0	0	0	0	0
PCDHGA7	0.519649	0.229573	0.504053	0.486205	0.871307	0.692197
POTEM	0.0286071	0	0.00541394	0	0.00911002	0
SNORD7	0	0	0	0	0	0
LOC1005068:	0	0.368393	0.315421	2.34747	0.265379	0
LOC1005075:	0.0732683	0.518233	0.0554645	0.137595	0.18666	0.0456577
HSD52	0.111385	0	0.0843192	0	0.141884	0.0694105
NME1-NME2	0.65858	5.99744	6.11187	9.77E-40	1.41569	0.488719
LOC1005076:	0.99075	1.1616	0.945656	0.930298	1.12485	1.10057
FSTL1	64.4215	52.0291	88.8193	46.7961	59.803	47.6471
C20orf141	0	0	0.136312	0	0	0
PFN4	0.493939	1.60127	1.37102	0.463801	0.943778	2.15461
SDR39U1	44.4974	68.1358	60.0603	82.9208	58.9921	51.3927
TMEM130	0.196197	0.146361	0.309422	0.349742	0.35325	0.343727
LOC1001329:	2.05454	1.76187	4.02761	1.22488	4.79447	3.38945
MIR1260	0	0	0	0	0	0
COL6A3	31.3501	24.3938	32.8152	20.6648	34.2232	25.5178
C20orf173	0.0484031	0	0.0827215	0	0	0.0301628
CYP3A4	0.983848	1.30118	3.25253	1.85255	1.18619	1.87651
MIR550B2	0	0	0	0	0	0
LOC147727	14.1259	20.0736	13.4931	16.9297	15.8345	12.8679
LOC1002874:	0	0	0	0.00628586	0	0.00417161

BHLHB9	1.73471	1.31472	1.93189	1.95275	2.08495	1.48237
SLC22A18	19.642	28.4541	22.9329	32.0537	21.491	23.43
GLG1	20.0217	20.5496	21.9759	20.1358	20.7572	19.6546
MUSK	0	0	0	0	0.213183	0.183892
LINC00339	11.7533	15.8338	19.2337	21.0198	15.6832	14.4589
CCDC110	0.827084	0.321119	0.212594	0.275077	0.265013	0.259293
KERA	0	0.0351902	0.0602602	0	0	0
MIR520B	0	0	0	0	0	0
CER1	0.186146	0.246868	0	0	0	0.115998
UQCRFS1	121.671	106.281	89.1303	102.402	89.6615	86.6438
SELV	0	0	0	0	0.0789181	0.0772147
GP5	0.028147	0.0497716	0.0639223	0.0264296	0.107562	0.0701601
C20orf160	3.5837	7.18189	3.64732	4.03805	3.42377	3.4987
RRP15	4.09099	3.56305	3.48517	2.64883	3.47671	2.67112
MIR4318	0	0	0	0	0	0
IL3RA	3.21931	2.65335	2.83539	4.47362	2.07824	3.17639
EIF4B	118.523	112.45	117.035	115.949	100.686	86.6456
SFXN4	35.5443	42.8979	21.4901	24.3671	21.9873	18.4744
TBC1D10B	18.7352	24.5017	18.3875	23.1178	21.2071	22.0964
PCDH17	0.438044	0.219814	0.304995	0.1334	0.150807	0.162307
RUNDC2B	0.369682	0.333659	0.349815	0.271192	0.531608	0.348435
SNORD115-9	0	0	0	0	0	0
TMEM191C	1.26703	2.91307	1.66518	2.75124	3.98127	5.42175
TAF4B	2.01382	2.55384	2.433	2.02465	2.17655	2.34506
TNFAIP2	39.0276	53.8289	48.7168	27.2823	60.5617	26.4257
FASTKD1	10.703	10.6896	8.30226	7.01013	7.91083	8.02828
RNF43	5.89669	6.07719	7.00492	6.43075	9.61478	8.49945
ERG	5.21991	4.66935	3.56794	3.22845	4.25892	3.16338
LOC145783	5.1038	4.65802	3.63927	3.89575	3.52328	4.51422
FNDC5	3.48756	3.59799	3.65659	3.32802	2.28578	1.94872
LOC145474	0.056286	0.199058	0	0	0	0.105225
MIR4641	0	0	0	0	0	0
CD3G	1.17824	0.818501	0.318549	0.237075	1.39366	0.472006
AGRP	0	0	0.127133	0	0.213927	0.104655
KIF21B	0.867457	0.674242	0.512347	0.447543	1.00176	0.409877
SLC17A1	0	0.0500699	0	0	0	0
LOC10028714	0	0	0	0	0	0.00417161
MAML2	3.45152	1.87792	3.21578	2.34344	2.79578	2.5038
SGCG	3.58746	3.00189	6.49835	2.88735	4.52895	2.79444
MOSPD2	6.53325	5.01341	8.51488	5.17974	7.51727	6.89412
SEPT7L	0.100858	0.837232	1.58545	0.927753	0.524605	0.636364
TLR10	0.313605	0.106157	0.405954	0.165639	0.648868	0.31304
LOC10050685	0	0.167027	0.42903	0	0.601606	0.117724

LENG1	8.74336	14.0112	10.3418	13.341	11.7465	9.62143
FHAD1	0.151418	0.100405	0.128952	0.0888618	0.144658	0.141536
APLNR	9.49891	9.91313	11.4354	9.22688	6.90041	8.32155
LAP3	49.7253	42.9687	30.5288	35.6618	29.2389	43.0032
SLC2A6	2.05894	2.79761	1.72412	1.30193	2.39509	1.75153
LOC10028789	3.77812	2.60873	2.89774	2.09922	3.46923	3.49147
CBR4	14.6244	13.8731	12.9974	12.1507	15.8994	14.5708
A2ML1	19.1774	11.5605	25.9694	30.2327	33.2051	36.2215
LOC10050659	0.400399	0	0.606208	0	0	0.249511
ZNF175	4.23859	2.99343	3.65863	2.93644	4.69135	3.78481
HACE1	4.14693	3.8161	4.61277	2.50322	4.64905	4.00813
DDX41	36.2383	46.5481	34.2845	46.6842	40.8416	36.0746
H2AFX	14.7837	33.1798	19.395	32.9768	21.8567	27.0542
MTERF	6.10941	6.36462	4.30219	4.98065	6.33438	6.13862
IFNA21	0	0	0	0	0	0.142079
ISOC1	54.5939	40.4756	42.4601	36.1147	35.6217	37.3494
DLL3	0	0.0445473	0.0381418	0	0.0320905	0.031398
ATP13A5	3.13631	1.70642	3.02356	4.8579	1.39998	1.40317
FARP2	8.96178	10.5007	12.784	14.0928	15.6811	14.6871
CELA1	0	0.110632	0	0.117495	0	0
DSC3	131.023	119.855	154.202	115.262	145.16	141.855
TNP2	0	0	0	0	0	0
ADCK3	22.8188	42.9396	34.4964	27.4068	32.1471	22.1998
VSX2	0.132753	0.117372	0.100495	0	0	0
HCP5	27.9084	27.6232	18.9931	13.2705	35.4994	18.9499
LOC10050608	0.609066	1.24918	1.18728	0.487028	0.573368	0.796187
SNORD116-2	0	0	0	0	0	0
MEIG1	0.224814	0.397533	0	0.211097	0.286371	0
DDX3X	68.0913	53.9834	89.8765	68.1673	84.0313	73.4037
FKBP8	103.017	145.561	124.105	164.96	146.301	141.228
LOC10050582	1.22991	2.48271	1.47804	3.85412	2.10962	1.52918
RTP2	0	0	0	0	0	0
MMRN1	3.74592	1.88761	3.76132	1.1846	3.39945	1.94726
NFIL3	18.5499	14.6559	13.893	15.6114	18.9472	24.072
EPHA7	1.29173	0.469515	0.717085	0.525594	0.475342	0.411418
PRSS42	0	0	0.104658	0	0	0.086153
ZNF518A	8.10821	6.15908	5.95641	4.804	8.85181	7.20898
TREX1	21.6784	34.4318	23.8613	31.4866	30.5487	26.5167
RAB8B	6.88757	5.40711	6.877	4.6089	8.08016	5.10605
NFATC2	1.30628	0.389305	1.67012	1.25818	1.16843	0.785982
WDR47	9.72347	9.32719	12.1888	9.27625	12.0855	10.1445
MIR194-1	0	0	0	0	0	0
C5	2.75934	2.89026	3.45921	2.83852	2.99996	3.01187



CCRL2	0.870098	0.865801	0.603826	0.467248	0.681773	0.500638
MED22	11.5536	17.9407	13.3888	16.6001	15.5731	15.5218
LOC728377	8.58387	6.08069	9.91774	5.91825	13.4429	12.7551
BAZ2A	21.3837	18.5684	23.5494	17.2425	25.8206	21.3203
FLJ42351	0.308143	2.45197	0.699798	1.44671	2.3551	1.92022
HNRNPU-AS1	37.0877	33.4088	37.36	33.2538	47.4428	34.9182
EPAS1	34.9838	30.4554	35.3987	21.6569	22.8015	19.5917
LOC10019093	5.20711	12.4422	8.68224	10.6373	11.5174	9.25184
TNFRSF11A	2.85255	1.87752	2.1354	2.02376	2.52334	1.9356
OR5M9	0	0	0	0	0	0
KIAA1644	0.692821	0.500039	0.374621	0.411571	0.486288	0.317194
LIMCH1	9.8151	5.42347	10.3885	6.66185	6.30639	4.86097
TRIM77P	0	0	0	0	0	0
LOC10050596	0.405121	0.307014	0.262868	0.434746	0.331745	0.360649
LOC10050732	5.25121	6.00165	6.63826	6.65458	7.5429	5.64011
ZC3H12D	1.27825	1.51266	1.16117	0.590894	2.39227	0.894587
AGBL1	0	0	0	0	0	0
CDS2	7.13231	6.13575	6.97908	6.65908	7.32367	5.90924
ATP6V1B1	38.9564	25.1224	35.1614	66.6269	25.5387	35.8138
DPY19L2P4	0.513097	0.633348	0.813901	1.10505	1.01053	0.70148
LOC10050762	2.41105	0.852679	2.64651	0.679181	2.30342	2.85468
TLN1	40.2334	36.3358	45.1812	32.4721	37.213	32.9029
SLC22A20	0.398627	1.05927	0.703668	0.596073	0.923993	0.678089
USP11	14.3423	16.6333	15.7861	19.4683	19.2249	15.5752
FAM90A3	0	0.0115191	0.0438891	0.0999081	0.0154105	0.0325335
SP4	1.45101	1.76398	1.64764	1.00638	1.7433	1.37687
GCOM1	15.6686	8.16776	21.3886	10.7472	14.678	10.4777
NUDT16P1	1.17673	1.23726	1.05529	0.901036	1.23496	1.19126
EFCAB11	5.56976	3.22635	3.78017	5.22992	2.44649	4.30863
GBP5	4.87416	4.22191	1.44252	0.21242	3.27797	0.802092
MIR4442	0	0	0	0	0	0
C11orf24	14.8627	16.8581	15.3223	17.0775	15.2579	13.649
MIR3911	0	1406.17	0	498.021	0	990.913
TYRP1	29.2634	73.6333	22.625	34.1194	18.5276	41.1599
BREA2	0.468738	1.13968	0.798384	1.21038	1.34344	1.67956
MIR3118-6	0	0	0	0	0	0
LOC10050725	0.684543	1.31133	0.978828	1.35697	2.30106	1.30343
DUSP7	34.2174	44.1638	42.2076	40.0185	39.2084	38.4382
ACADS	21.302	34.4087	23.4293	27.4838	23.3025	22.1578
CDRT4	8.28844	11.3692	15.4236	21.3263	18.9957	15.6839
C20orf24	112.755	111.715	70.3881	91.9552	60.1635	73.8716
LOC10050716	1.03808	2.01918	2.35751	0.389898	1.32232	0.776268
SIKE1	13.5007	8.21448	12.8827	8.7571	12.811	10.512

SCLY	2.80487	4.56919	2.67846	2.93914	2.606	2.59539
AP3M1	14.0194	10.2805	12.8479	12.5446	11.8956	11.0745
SLC35A5	11.4779	9.07035	9.07328	6.67636	11.1919	9.28352
LOC10050681	0.25887	0.457754	0	0.729226	0.164876	0.645268
OR5I1	0	0	0	0	0	0
MIR3672	0	0	0	0	0	0
SNHG4	5.14067	5.05188	5.37564	4.54182	5.18446	4.36197
TTLL7	3.0639	2.11485	2.23801	1.00946	2.05412	1.77531
ESRRA	53.5793	70.2235	48.7762	70.3045	50.2354	45.0527
MESP2	0.593448	0.233195	0.299496	0.185746	0.25198	0.369812
MIR4425	0	0	0	0	0	0
C9orf29	0	0	0	0	0	0
PSCA	5.48123	9.79582	4.19434	7.61106	1.74803	1.66208
TLR8-AS1	0	0	0	0	0	0
LOC10050547	0	4.23E-276	1.10E-194	0.207308	0.119152	0.119744
ACPP	15.7131	11.6556	17.4677	15.2073	20.2754	26.1161
SCARF1	5.83455	10.2231	8.34101	7.33568	10.5979	7.2549
LOC10050634	1.46386	1.59293	1.7219	1.77634	2.58187	1.86654
C19orf48	30.4948	57.9019	35.1582	61.0853	38.8147	36.7823
GLTPD1	27.332	35.3406	25.7513	37.2702	28.2012	31.9135
MIR4655	0	0	0	0	0	0
SUPT16H	24.59	22.2399	23.1942	19.7939	24.0906	19.595
FLJ44054	0	0.0300675	0	0	0	0.0211922
FGF1	3.7826	2.51972	2.68778	2.71093	2.55048	3.04514
OR4F29	0	0	0.267843	0.18688	0.0473234	0.0198437
MYH3	1.82578	2.14762	1.40614	2.14669	2.356	1.82036
LRP2	0	0	0.00900176	0.00558286	0.0151472	0
TMEM165	53.8238	46.0185	42.6339	37.0427	42.6746	35.4461
LOC729609	0	0	0	0	0	0
TJAP1	12.8842	18.9212	13.3691	16.5087	20.706	17.0619
IGFBP4	88.5352	105.542	98.9568	71.117	113.05	79.404
OTOGL	0.539474	0.259222	0.221948	0.198218	0.283839	0.518883
FAM22F	0.0393268	0.0782331	0.0669838	0.110782	0.102277	0.0980271
UBAP1	28.0623	26.2648	25.4586	27.8713	25.1597	27.0874
PRSS41	0	0	0.0940859	0	0.079159	0.0774503
LOC10028704	0.3907	0.690766	0	0.366762	0.248771	0.489545
CADM1	8.42576	6.47255	7.84181	7.45771	6.61235	5.72398
RPRD2	7.86338	5.93306	7.58775	5.17307	7.18001	6.09491
KIDINS220	13.3903	9.90948	14.0074	9.42087	13.3806	12.7457
EHBP1L1	18.2682	25.0736	21.5949	21.2718	29.1529	23.7408
MBOAT2	34.4234	25.4799	25.4943	21.9912	19.1136	24.2441
PRSS33	0	0	0	0	0.158903	0.0777366
TMEM182	0.738567	0.38696	0.786881	0.667818	0.418131	0.426152

SEPT7P2	5.06469	6.65624	6.95403	7.48327	7.35219	6.31208
GHDC	8.46447	10.1298	10.4824	11.2543	11.1142	8.13006
AMMECR1	5.43711	3.55723	4.30779	3.84623	3.94774	4.75467
PGCP1	0	0	0	0	0	0
INTU	3.40717	3.89213	4.31396	3.05772	5.60755	4.81009
LOC10050691	68.2548	86.7809	58.8719	76.6784	70.7355	61.0442
GSTA2	0.337256	0.0372726	0	0	0	0
HTR3E	0	0	0	0	0	0
SIRT1	7.80057	7.13174	8.42384	7.2242	9.45847	8.06914
LOC441167	0	0	0	0	0	0
ZNF321P	2.33733	2.28651	2.64959	3.00557	1.84108	1.80134
MPHOSPH10	22.0692	17.0328	17.6911	14.4639	18.8449	16.4373
RABL2A	9.75281	13.4278	13.4917	15.2588	18.4192	16.323
SLC25A48	0.562409	0.580121	0.354789	0.0880156	0.597003	0.233647
CAMK1G	0.0818269	0.0361731	0	0	0.052116	0
PEMT	27.4585	40.1647	33.6826	42.2796	29.1362	26.9871
MIR4324	0	0	0	0	0	0
MIR4533	0	0	0	0	0	0
PTPRS	13.2221	21.0331	24.7447	21.2348	24.9033	17.7031
STAU2	10.3674	7.02288	9.13155	6.62918	8.33258	7.24017
SERPINB4	58.0245	37.0933	1.02206	4.31956	16.5638	8.33248
LOC729264	0.643314	0.673199	0.474049	0.734102	0.361451	0.343948
SERTAD4	7.3275	5.84865	7.04926	5.35142	5.34752	3.99541
ADAM8	4.45023	5.92131	3.41773	3.00296	9.72129	4.84703
PIGL	12.5996	16.2745	13.7853	11.9232	15.6733	12.8814
ZNF740	13.6085	13.6872	13.1191	12.0921	16.6657	12.82
SNORD115-2	0	0	0	0	0	0
POFUT1	13.4768	12.6365	15.5986	13.5398	13.5529	12.3962
MMP27	1.35281	1.19607	3.36485	1.02831	3.11822	1.92689
C3orf36	0.380933	0.617461	0.144184	0.298075	0.161746	0.276945
CHRNE	1.44607	2.74257	1.07459	1.95365	3.06647	2.37158
PRDM7	0	0	0	0.0388999	0	0.116172
AMELY	0.314158	0	0	0	0	0
BAI1	5.97425	7.1707	5.3245	12.7578	8.57608	28.3113
TTY11	0	0	0	0	0	0
UQCRB	35.9286	35.802	33.0299	35.9072	29.8306	30.0045
MCPH1	4.17187	4.13384	5.00872	3.82137	4.40062	3.48949
SLC7A5	23.7491	22.4535	19.1909	27.0769	22.7011	24.7778
LOC10013251	0.677091	0.370589	0.211534	0	0.0889869	0
OR8K3	0	0	0	0	0	0
DPM1	42.7881	39.0066	46.6562	36.118	42.7842	35.6438
TCEB2	170.304	220.146	167.533	254.903	175.542	200.016
ATMIN	17.5771	14.4706	17.8113	15.7967	17.0451	16.2074

HMX3	0	0	0	0	0	0
PPP1R1A	60.8938	103.705	73.0275	44.7296	30.9204	15.2685
LOC10012994	0.0206882	0.0548736	0.0156611	0.0777035	0.210823	0.206272
MARCKS	55.3022	45.5323	44.0061	35.0933	51.1826	45.1547
C9orf82	11.7103	9.53742	10.9678	10.0291	10.2626	9.8618
SRFBP1	3.44973	1.92961	3.17106	2.18153	2.35409	2.28134
UBXN1	77.9822	110.862	91.3667	103.304	96.162	88.9663
SLITRK4	1.69266	1.18357	2.32972	1.45435	1.40209	1.56486
ANKRD62	0	0	0	0.0119434	0	0
CMIP	21.1449	19.4341	22.4796	20.0757	21.0071	21.7431
OR4F4	0	0	0	0	0	0
LOC10012878	0	0	0	0	0	0
PHOSPHO2-K	2.5881	1.48882	2.23E-05	1.62567	0.632663	0.377507
NR1H2	34.7702	43.2057	40.5755	51.4989	46.6702	39.6407
CYP2C9	0.673834	1.18981	0.72127	0.368388	1.64204	1.18775
GLYATL2	7.83859	1.40008	0.419565	5.27861	5.29501	3.05909
LYRM7	6.0612	4.76047	5.83445	3.92907	5.20602	4.25003
OR6C75	0	0	0	0	0	0
PHF21B	0.149794	0.22704	0.113395	0.105489	0.251932	0.10939
SYT15	4.00815	4.53903	4.84393	3.84691	4.4687	2.94019
DCTN2	94.2586	99.5137	85.6805	101.135	88.1711	90.2115
SCG3	0.136484	0.143017	0.1435	0	0.157759	0.266182
MIR4741	0	0	0	0	0	0
LOC440335	17.2256	9.74833	6.28916	17.7519	7.78425	11.2925
HCFC2	5.10017	4.40575	5.74698	4.17661	4.78196	3.43872
AGA	17.4448	14.3094	19.3277	17.2521	16.2362	16.0021
CDH22	2.54658	5.19035	4.99194	6.04091	7.27307	5.3287
FAM49B	18.7216	18.0759	19.0374	17.3169	15.6612	13.1756
CNTFR	20.0801	22.6593	21.8178	13.6804	11.9681	12.0566
PDE12	8.76762	5.33339	7.5985	6.16876	6.50187	5.95062
SLC12A2	102.993	25.6838	52.9268	59.4436	39.8544	41.9217
ATAD3C	1.44337	1.56714	1.2268	1.67235	1.84382	1.04138
NGF	0.331753	1.07549	0.418564	1.03837	0.563454	0.689114
CMTM7	18.5135	19.9579	13.3387	18.9088	13.7242	17.5007
SLC19A2	12.1566	10.629	11.6716	9.51662	10.541	9.99428
EPX	0.110626	0.0652055	0.307062	0.277002	0.46972	0.413623
INMT	4.54114	4.44005	6.45724	5.16105	5.24335	4.86343
GPLD1	2.48029	1.47894	4.44643	2.30249	3.97229	4.17587
LOC10012951	4.34676	4.81826	5.97942	5.80249	7.04516	4.9424
UPF3B	10.3752	10.1996	9.21384	8.42696	12.3621	10.5024
MRPS23	17.77	19.2238	16.2955	18.3137	17.2988	16.7903
DNAJC5	28.11	29.1157	26.5477	31.94	29.4417	29.9951
TSPAN7	20.8161	24.7612	24.1416	18.6749	17.9849	20.6319

NDUFA8	58.6394	66.8806	49.6062	60.017	45.9689	52.8939
LOC1002718:	3.78015	2.01433	4.32745	3.18217	3.52019	2.82888
COL19A1	0.043372	0.0095867	0.0328328	0.0101814	0.0621537	0.0135138
PHLDA3	69.1312	109.078	68.8645	80.692	80.6239	83.1547
CLDN10	40.5413	9.75374	17.737	31.9472	19.9231	18.3032
ZNF830	11.2592	11.1425	12.785	10.5723	13.9347	12.0792
NEUROD2	0.0655049	0.0289577	0.0743814	0.0615081	0.187742	0.265329
ZSCAN16	7.21563	6.45647	6.51524	6.53047	7.91785	6.71762
RIN1	11.2478	26.3646	18.7265	33.7897	23.8951	20.6315
LOC1001288:	0.0793138	0	0	0.0744744	0.101031	0.049425
GSK3A	35.4654	35.2187	30.7235	38.5062	33.957	35.3609
MIR1197	0	0	0	0	0	0
ZNF26	6.97494	6.79782	6.48343	7.1586	7.70701	6.14573
TNFSF10	74.366	67.9883	49.1275	31.1806	67.9453	49.7493
PPP6R2	21.6289	28.3024	25.8522	26.769	31.5486	29.2485
BACH2	1.54593	1.10081	1.19384	1.41263	1.7511	1.36418
CYB561D1	19.3172	18.1103	16.2809	15.1756	20.8076	21.7203
ZNF438	3.86341	4.84913	4.29586	3.62972	3.88644	3.79365
MAPK13	57.6422	57.529	53.9738	57.5252	56.263	67.3618
MS4A15	0.395716	0	0	0	0.161301	0.0394548
FUT5	0.277799	0.340773	0.199409	0.180956	0.155575	0.264803
ATXN7	8.33119	5.98159	8.28816	6.6182	9.33229	7.06816
SNORD113-6	0	0	0	0	0	0
LOC1005067:	0.369902	0	0.280018	0.347332	1.96589	0.922031
SMARCC1	22.9263	16.3985	20.2416	18.8697	21.9435	21.0756
DHH	0.375234	0.47394	0.243475	0.151002	0.238989	0.167021
SHC3	1.00456	1.21269	1.3893	1.16094	0.996625	0.836671
C14orf129	19.0937	16.2958	17.4125	12.2686	17.7192	17.0581
LOC1002895:	0.0708106	0.127404	0.167217	1.24E-270	0.09411	0.179193
LINC00051	0	0	0	0	0.0706859	0
14-Sep	0.00516902	0	0.0669608	0.00808937	0.00603565	0.00322111
IKBIP	7.73337	5.58068	5.45176	3.23547	4.65728	4.8151
CCNI	124.47	100.108	114.234	115.285	107.249	98.353
SLC25A26	0	0	10.1951	13.1022	13.3005	11.4358
CFL1	462.954	447.554	370.304	414.484	410.777	438.433
CDRT7	0	0	0	0	0	0
AKR7A3	1.9483	2.38519	3.17693	2.28	3.0639	1.42869
ARL6IP6	11.1744	12.8908	14.8432	10.4333	16.3654	11.4656
ECEL1	0.523427	0.833006	0.396237	0.0655319	1.08902	0.239197
FAM73A	5.3233	2.83041	4.50061	2.95443	3.13413	2.77008
SLA	5.16045	5.34831	3.71785	2.15805	7.74393	3.21527
INTS12	12.8005	12.1048	10.7567	11.3413	10.077	9.60884
FOXO1	9.40588	6.61742	11.4709	8.65941	8.81042	8.80764

LMAN2L	11.2839	10.4308	9.11902	11.7757	11.2399	11.8341
PNOC	0	0	0.142349	0.176569	0.179648	0.0585902
STYXL1	12.7497	12.0194	13.7796	16.8279	15.0178	19.5117
LOC10019220	0	0.198283	0.169772	0	0.285675	0
SPDYE5	0.591235	0.654549	0.682675	0.797435	0.739633	0.710591
MIR4692	0	0	0	0	0	0
GABRB2	0.0938359	0	0.0526177	0.0652667	0.0677887	0.00812104
TMEM121	0.778148	1.81379	1.12457	1.85988	1.66704	1.89555
IER5	29.3649	26.883	26.3338	31.2795	31.521	33.0841
ADD2	0.161441	0.261358	0.470182	0.60672	0.584087	0.45539
PIK3C2G	6.75727	4.52923	7.87666	5.7086	6.08111	6.35975
C17orf65	5.83038	10.7087	8.59784	11.8577	11.1698	11.6852
KCNK9	0.0847788	0.0749561	0	0	0	0
LOC375295	3.39153	4.44951	4.96918	4.31461	3.69305	3.20428
WDR12	7.90019	6.98485	5.87912	7.04096	6.36777	5.78529
PSENE1	67.1913	78.0614	63.8904	70.0162	60.0167	75.1887
PDHB	76.6672	67.2167	67.5129	62.1518	53.8207	57.0874
MIR3177	0	0	0	0	0	0
SLC16A10	3.82419	3.0765	3.75559	2.5233	3.68639	3.1989
LYZL6	0	0	0	0	0	0
LOC10050647	1.79036	1.92704	2.71063	2.48514	2.67721	1.40672
LOC400768	0	0.0529971	0.0453765	0	0.0381775	0.0373534
MMP3	0.57193	0.809063	0.129886	0.32222	0.364265	0.142561
UTS2	1.08243	0.229519	1.04085	1.88862	0	0
EIF2S2	23.2108	22.7521	18.8635	21.7216	19.0351	23.4616
ITGB4	39.1345	57.6492	45.3773	62.1401	59.2135	47.9805
MGAT5B	0.127982	0.404361	0.210068	0.184016	0.337006	0.434214
ABCC11	15.4452	0.617914	0.736275	0.33906	0.337474	0.475035
HIST1H4K	1.48091	2.37619	1.49474	2.47209	2.1222	2.05076
C3orf78	42.5053	50.4553	30.3892	38.0641	27.5732	25.0166
PROCR	9.48583	11.5566	10.6299	15.149	9.37158	11.962
NSUN4	6.25181	6.12658	5.4773	6.46559	6.65491	5.24443
MIR934	0	0	0	0	0	0
PQLC2	14.7576	19.0128	12.0998	20.5272	14.578	17.1371
MIR4465	0	0	0	0	0	0
LOC284408	1.76767	5.79262	5.31045	3.71118	5.14195	4.86592
UBE2O	9.0296	10.38	8.91463	10.6868	11.1361	10.1798
C9orf86	39.9433	55.3425	40.5328	53.0412	46.1456	49.4436
APOBEC4	0	0	0	0	0	0
SLC44A4	3.13812	0.500996	0.550247	0.79538	0.566302	0.60397
TMPRSS15	0	0	0.0561922	0	0.0157591	0
LOC10065297	25.9209	33.1911	21.6522	38.1876	35.8648	34.5336
PLEKHA1	28.2396	26.4969	35.3343	33.0399	34.7861	30.857

CATSPER2P1	1.15888	0.797363	1.70479	1.57052	1.27013	1.40336
SP3	18.4942	15.2548	19.842	14.505	17.2371	15.6631
LINC00173	2.15405	3.79783	6.28768	8.11258	20.2598	10.3631
TRIM74	0.682407	2.15817	2.0922	2.59457	2.15761	1.67164
ABL1	14.3613	15.2691	15.9347	13.2641	16.8294	13.5112
LRIG3	15.8485	14.0127	21.9336	14.0264	23.939	18.1008
LOC10050640	0	0.0966131	0	0	0	0
CAST	105.788	80.2271	109.314	94.8038	79.2642	88.1924
ADAMTS7	0.997128	1.77856	1.60224	1.08404	1.6377	1.16636
CTNNB1	20.5131	24.0842	20.2454	19.2096	23.8117	22.1637
MIR1298	0	0	0	0	0	0
MYB	2.75567	2.12111	2.5753	1.82285	4.24949	3.94767
ZNF568	2.56091	1.7569	2.37556	1.70945	2.09317	1.87613
IFT57	8.24452	7.808	9.27991	6.84265	8.10264	6.75397
BTBD18	0.13027	0.201559	0.123269	0.0611608	0.145197	0.0608841
NFE2	2.64101	1.76635	2.34019	2.29866	2.54272	1.60568
WDTC1	21.8454	21.4307	22.5063	23.4024	25.1236	23.8794
SRCAP	13.06	12.3421	14.5642	12.4997	15.4731	13.5137
ING2	9.82707	11.6751	11.7012	10.0925	10.4315	10.1426
ZNF324B	2.25693	2.72898	2.86416	2.43084	3.44546	3.20564
NPHS2	0.111417	0	0.0421715	0	0	0.0694301
PLA2G2A	28.7327	29.8357	50.6309	32.4229	23.6667	6.53901
LOC10050740	1.87756	3.21461	3.35891	3.16217	3.76971	3.67669
CBX3	60.1257	60.0525	51.5409	43.2513	50.179	43.7079
SHARPIN	30.1573	45.8244	31.5878	43.5557	40.1255	37.9876
C1S	111.72	90.7944	88.799	35.025	104.53	53.4351
RUSC2	8.67957	10.0244	11.8407	11.4232	12.3885	10.0075
ZFP41	2.92695	3.21247	4.09526	3.41176	4.5512	3.74853
LCT	0.121831	0.0673222	0.0922269	0.200196	0.135791	0.15184
S100A2	305.637	499.828	164.793	429.73	190.553	554.478
UQCRC2	203.615	167.539	169.502	161.783	155	161.412
ST7-AS1	1.6461	2.98528	1.90113	1.60633	2.5776	1.23135
PTN	15.974	16.9564	33.3148	19.6175	33.1708	32.3896
LOC10050640	0.0632814	0.167848	0.287426	0.0891303	0.141065	0.216888
GABRB1	0.0917529	0.121683	0	0.0861545	0.0584379	0.0285883
CHPF2	11.6339	15.4529	10.8258	12.0553	14.0639	12.6338
HIST1H4E	0.567004	0.501309	0.429225	1.06482	0	1.06
PRKG1	1.0744	0.500681	0.778901	0.365173	0.637435	0.432813
TCERG1L	0.11523	0.272891	0.17446	0.577665	0.0489272	0.0718066
SDHB	82.6296	69.0277	62.3277	63.1536	47.5753	63.9095
MIR548F4	0	0	0	0	0	0
SPIN3	5.50324	5.50379	6.77557	5.42047	7.43077	5.69499
POLR2K	63.1891	52.8479	54.7603	45.8174	45.6841	44.2925

SNW1	28.8543	26.4923	26.4817	24.6471	25.9681	24.5657
C16orf7	10.9797	18.0448	12.8311	19.5181	16.9873	16.6057
LRG1	33.9532	47.0615	26.7291	71.5675	26.4306	49.4059
CELF3	0.0191429	0.0677002	0.0652114	0.129421	0.087785	0.0745574
C1orf106	15.339	16.3984	21.208	22.2313	26.1763	24.5897
ACPL2	4.46142	4.73332	3.96195	4.87181	4.46206	3.72739
GAB4	0.0764067	0.033777	0	0	0.0243319	0.0238067
SGK196	0.724807	0.0582572	0.897845	0.0618711	0.461634	0.123182
LOC10013156	6.42829	6.55951	11.6168	10.3022	16.9104	11.2645
GPHA2	0.173304	0.30645	0	0.32546	0.220757	0.323988
KRTAP9-6	1.3749	0.3039	0	2.25926	0	31.3445
CILP2	0.324236	0.286669	0.911664	0.173973	0.958785	0.793767
ZNF805	1.97098	2.1679	2.14999	1.94519	2.89742	2.3037
ADAM21P1	0.150909	0	0	0	0.0160191	0.0313466
CDK11B	26.1135	34.2673	26.6677	28.5856	31.8808	28.286
ZNF785	3.29733	3.26299	4.0533	2.8405	4.25798	4.14722
SNORA55	39.0789	0	29.5829	0	0	0
FBXW4P1	2.09677	2.13593	2.07034	2.48244	2.03219	2.21557
ARHGEF15	6.67629	10.3921	6.82903	6.22478	7.5444	5.12381
TCEB1	13.6299	14.5764	12.8377	15.2117	12.2056	12.4359
ESR1	1.52818	1.41799	1.67218	0.708733	1.5416	0.820323
TMC5	1.61756	0.632459	0.740981	0.324294	1.19943	0.643583
PCP4	25.4028	33.9282	17.1843	34.2567	21.687	19.8716
LINC00204B	1.11075	2.62155	1.68488	1.74313	2.59536	2.07822
KRTAP1-5	15.4363	3.13645	0.217739	131.98	1.83247	1005.36
STOX1	1.38956	1.55855	1.60733	1.83858	0.724703	1.38118
INSIG2	16.7145	12.7799	15.9563	12.9142	17.3455	15.4173
LOC643797	0	0	0.133126	0.165129	0.224011	0.0547938
FAM138C	0.0856799	0.117862	0.0572295	0	0.225422	0.0376885
RB1CC1	11.2637	8.30133	12.6097	7.95753	11.1302	14.0746
DDX39B	126.097	168.672	135.635	160.822	161.057	138.826
LOC144438	12.8734	11.6632	12.8763	11.6053	13.686	11.0419
MYO1G	2.98114	4.71238	2.9634	1.61169	5.83038	1.97031
PRG1	0	0.585973	0	0.622323	0.422117	0.206503
SNORA7B	0	0	0	0	0	0
CEP152	2.05931	1.53715	1.36568	1.59812	1.97272	1.70807
KIAA1609	5.42202	4.50584	4.64113	4.73145	5.85723	5.42039
CDK5R1	1.69879	2.39866	2.14972	2.23795	1.82481	1.72222
CTAG2	0	0	0.45203	11.3727	0	0
HAUS3	4.72259	4.81755	4.732	4.1642	5.62765	4.81291
MIR431	0	0	0	0	0	0
SNRPD1	15.3192	16.8419	13.2102	12.0079	13.4475	12.1611
MORN2	24.5391	19.5264	17.9128	17.7751	16.5222	15.9471



KRTAP19-4	0	0	0	1.63755	0	43.4706
HCG4	1.1864	0.814548	0.70876	0.483375	1.44644	1.31063
RNF126P1	1.2544	1.84843	1.26611	1.17786	1.22503	1.19859
ZNFX1	12.7016	11.0799	9.80695	6.29935	9.3663	7.1405
LOC400879	0.220516	0.779867	0.391827	0.207061	0.11704	0
DNTTIP1	14.844	17.9035	20.0707	21.1089	16.7772	18.6607
LOC649395	18.0158	12.0854	15.1967	14.1777	11.7658	14.0066
LOC10049940	2.16938	2.42481	1.05374	0.999288	1.38169	1.19896
CRYBB1	0.391861	0	0.197761	0.490601	0	0.732573
LRRC37BP1	6.0853	6.68341	6.23246	6.12916	5.75329	4.67125
S100P	52.7812	31.4787	57.2146	107.919	34.0145	41.0651
ELF5	24.7998	8.9499	10.8168	18.4301	8.08063	9.86206
FAM86B2	0.96355	1.08574	0.795723	0.480367	0.55945	0.492978
LOC400456	0.395888	0.140008	0.539441	0.148693	0.151286	0.444061
SAMD9	4.21955	2.49529	1.75174	1.0571	2.09397	2.3215
ZBTB20-AS1	0	0	0.159196	0.131644	0.127851	0
C1QTNF8	0	0	0	0	0	0
EIF2C3	1.66827	1.43929	1.64969	1.4907	1.37083	1.34124
MON2	11.2211	9.21467	12.0957	9.99941	12.0925	11.0602
CBX8	2.84156	4.04423	3.25284	3.4491	4.06102	6.04642
SLC44A2	59.4508	52.5642	71.7582	77.9889	71.5634	73.2857
PITHD1	50.8022	60.0935	40.7984	57.0609	52.3543	63.4141
OR2L2	0	0	0	0	0	0
LEUTX	0	0	0	0	0	0
PRKG2	0.503857	0.602707	0.650662	0.194812	0.69845	0.480208
LRRC3B	0.187246	0.110367	0	0	0.0397527	0.0777891
SRY	1.75778	0.836832	0	0	0	0
OR9A2	0	0	0	0	0	0
CYP2W1	0.971605	3.35803	5.34917	8.70853	6.16008	4.26576
SNORA31	119.301	316.429	406.388	336.056	113.975	185.853
LOC402160	0	0.0429301	0	0	0	0.030258
LRIG1	39.7762	30.0613	37.2721	31.697	36.8268	32.5648
CXorf61	0	0	0	0	0	0
ATP6V1C1	10.8426	9.5566	10.1931	10.1179	9.66797	8.62125
LOC10028710	13.4151	11.7692	12.1452	10.6511	12.4616	10.7845
MMP9	4.01815	4.5434	2.82922	1.33861	4.69134	2.59371
CLDN24	0	0.40933	0.486766	0.19321	0.294869	0.064112
LOC10050650	0	0	0.117116	0	0.0985351	0.192816
MERTK	9.33213	5.2136	5.30347	3.80988	5.11674	5.62997
LOC10028730	0	0	0	0	0	0
LOC10013130	0.893323	5.27E-11	0.135986	0.497534	1.14474	1.3287
LOC10050620	0.142868	0.108904	0.189657	0.108651	0.209142	0.0767012
FOXN1	10.3711	9.79389	14.098	16.9285	18.9165	24.9942

NEK2	1.16207	1.69338	1.12418	1.6746	1.3174	1.95526
DSG4	0.277619	0.129291	0.149446	2.90957	0.125736	3.87873
ASB1	4.74998	4.40608	5.67926	4.99774	5.99746	5.10598
MIR3202-2	0	0	0	0	0	0
PRMT2	53.4981	62.0672	55.1452	54.7107	60.9551	49.1613
NPM2	0.312645	0.460702	0.394457	0.0978562	1.062	1.81839
HDAC1	50.7506	44.6096	39.3864	41.0046	43.5676	45.3546
LOC10050626	2.79934	7.59001	3.67314	3.85519	4.75445	3.83775
ANAPC10	7.74235	5.6013	6.71239	5.7562	5.87427	4.56081
DCXR	147.913	161.103	119.233	147.676	104.225	134.61
ATP8B2	6.6668	5.59487	8.63135	4.85184	8.27402	5.68578
ALMS1	1.26355	0.898859	1.5722	1.01599	1.35515	1.05891
LOC10050689	0	0.16737	0	0	0	0
NMBR	0	0.0716012	0	0.076043	0.154738	0
PDGFA	11.7155	14.5991	8.99064	14.1534	11.532	9.87422
SRGAP1	1.63099	1.12596	1.94503	1.69931	2.03488	1.6777
MIR4780	0	0	0	0	0	0
ABCC9	3.22446	2.97327	3.70075	2.04843	2.89935	1.62578
NEK9	23.9163	19.9204	23.2439	18.0014	23.2843	20.9147
FKBP1B	4.25326	5.4661	6.43345	8.2533	6.29172	6.09674
NEXN-AS1	0.0895385	0.0793474	0.105295	0.126838	0.0289813	0.0560393
SNORD42B	0	0	0	0	0	0
RRS1	14.2304	14.4415	13.4422	14.4078	11.4278	11.3353
FLVCR2	4.46784	2.86509	3.49016	4.15925	5.05007	5.23354
TBC1D8	17.1942	18.5829	15.7625	26.8241	20.7024	14.9511
CD96	1.29101	0.986759	0.9773	0.416694	1.27958	0.306748
NOSTRIN	14.0621	13.3861	8.26613	10.1761	8.05538	7.19528
ZDHHC20	17.0138	13.7372	20.1984	13.0003	17.6131	16.9075
SEMA3B	5.8922	15.8088	20.3574	14.7962	14.5631	9.88433
CYP2E1	6.16266	6.34738	4.90564	5.60767	8.21424	5.38435
GRIK1-AS1	0	0.464373	0.31808	0.197272	0.267616	0.19638
CCDC68	1.74216	1.34762	1.09912	0.620174	1.55302	1.16693
HMG20B	69.7415	103.364	77.8403	120.301	89.281	90.2792
C9orf152	8.03421	2.46783	1.45624	2.23132	1.44142	3.10267
OR4N3P	0.255455	0	0	0	0	0
C5orf65	1.27639	1.23598	0.828201	0.856079	1.20005	0.871144
MGC23270	0.320487	0.460451	0.33359	0.376166	0.20412	0.524249
HEXDC	11.8714	20.4964	12.2392	15.0966	18.5743	15.4247
DDX11L9	0.26787	0.719407	0.32843	1.02998	0.340929	0.400164
MEX3D	8.66453	12.6238	8.66987	13.0888	9.50215	10.1655
LOC10050631	0.669334	0.147946	0.126672	0.157123	0.532878	0.625651
MIR192	0	0	0	0	283.839	0
TRAF3	6.95772	7.18595	6.07532	5.54389	7.5567	5.88305

FAM126A	12.5444	9.99146	11.0377	6.37844	6.39562	6.15101
B4GALT4	10.4124	8.13245	10.8139	7.87557	10.8537	10.4334
MIR3200	0	0	0	0	0	0
OTOL1	0	0	0	0	0	0
FGFRL1	10.5335	9.11434	12.2517	9.83051	10.1451	9.24567
MIR3131	0	0	0	0	0	0
SLC6A4	1.8582	1.96393	1.6977	1.72476	1.10187	0.55901
TPSD1	2.64524	3.82271	13.6701	10.1486	4.80321	3.05549
FFAR2	1.25484	1.33134	0.607947	0.282785	1.31071	0.844517
GABRQ	0	0.0456952	0	0.291179	0.0329174	0.161034
MT1L	3.49088	5.01543	4.29425	7.78497	3.89088	5.43842
DDX6	29.1918	24.8732	28.5815	25.8254	25.8065	24.9147
PPP2R1B	14.8488	16.5126	24.6285	20.5654	13.857	24.5017
JMJD5	2.04562	2.38693	1.70327	2.11273	2.08405	1.91167
GALNT1	28.7778	20.9627	31.8099	23.1479	28.8556	30.0419
MIR302B	0	0	0	0	0	0
ITGB3BP	14.9845	16.0378	9.49702	8.61754	12.9465	14.3318
LOC388813	0	0	0	0	0	0
LOC1005073	0	0	0	0	0	0
PEG10	4.08558	3.56098	1.78773	2.30044	1.47782	1.35428
FOXK2	14.8817	17.2955	14.8916	17.5959	15.1606	14.3662
PLA2G4F	32.3375	42.1087	48.3826	42.5529	65.1377	55.6624
OR10X1	0	0	0	0	0	0
LOC1006529	1.67104	1.0439	1.65001	0.460491	1.46921	0.543298
DCTN5	10.4673	9.19179	10.2018	10.1818	10.0482	9.17391
PXMP2	52.3248	68.606	41.3037	57.4181	40.0545	49.5682
PFDN4	7.09545	8.86922	7.53216	3.13981	7.53189	6.09874
SNORD117	0	0	0	0	0	0
BAG3	35.6747	35.7999	35.8103	35.7777	31.1016	28.6001
ABTB2	7.16429	5.35065	6.54087	6.81474	4.58805	7.29771
ST8SIA5	0.114943	0.101626	0	0.0719532	0.0976106	0.0238759
MOB3A	17.0554	18.535	17.0354	17.0991	20.707	15.887
CCNB2	5.18628	6.41954	3.19318	5.8438	4.66848	6.07592
HIVEP2	4.85195	3.97235	4.8483	4.45568	4.50557	3.56172
SCNN1D	4.41459	8.95973	5.52037	8.33517	11.3308	9.95651
C1orf216	8.21172	9.54038	8.60524	9.43124	7.60741	7.80267
CHRM3	1.01987	0.161019	0.551463	1.09445	0.742357	0.605374
SPDYC	0	0	0	0	0	0
KIR2DS1	0	0	0	0	0	0
LOC1005069	0	0	0	0	0	0
SFSWAP	19.671	26.5185	21.8294	24.6467	25.6001	23.1184
HS3ST3A1	0.400158	0.24697	0.332291	0.449642	0.304989	0.423129
HTR4	0.133427	0.117968	0.206273	0.0313041	0.0849805	0

PEX26	11.1997	8.47741	10.9219	10.4703	9.13218	8.83711
LRRc48	1.29017	1.45301	1.7331	1.90836	2.05716	1.62199
EPB41L4B	17.8419	15.4158	18.844	24.0698	14.0194	19.0934
LRRc2	1.03717	0.716926	1.42753	0.35414	0.840735	0.9401
OR13G1	0	0	0	0	0	0
ZC3H8	11.2238	8.74904	8.24513	6.73498	9.81335	9.72569
PLA2G5	1.97803	3.93492	1.33101	1.85734	2.58963	1.33535
TMEM68	8.6026	8.14915	8.79531	7.748	7.45598	8.20527
CXorf65	1.44081	1.89691	0.574524	0.835122	2.38097	0.399043
TAAR9	0	0	0	0	0	0
LOC10065279	6.53E-129	0	5.08E-168	0	3.15E-280	3.11E-178
FAM118B	6.7424	6.18203	4.97563	5.63945	5.17175	4.81569
PLAC2	39.2093	44.752	43.6858	52.3857	55.1493	59.3316
MIR629	0	0	0	0	0	0
OAZ1	635.623	826.82	553.515	777.957	520.152	604.059
POM121L9P	0.69391	1.06472	1.55531	0.79739	1.31523	0.737026
JMJD7-PLA2G	6.34E-06	3.43E-06	1.08E-05	0.375202	4.45E-06	6.31E-06
LUC7L	42.5394	64.7451	41.8527	63.4002	61.3129	60.9541
SAA2	28.5343	22.4557	4.38954	4.72426	66.3466	40.441
LOC10050658	420.941	445.798	436.629	426.434	434.579	450.647
ODF3B	30.4149	62.3135	20.0653	20.301	36.9535	20.6786
NRP2	2.58153	2.45889	1.83751	2.26908	2.55721	2.56047
ANO1-AS2	0.349777	0.618501	0.441305	0.218957	0.148516	0.0726553
OTOP2	0.0955038	0.0422192	0.0361485	0.358706	0.0304135	0.267813
LOC441177	0	0	0	0	3.03E-09	0
MIR3115	0	0	0	0	0	0
ETNK2	3.73667	3.23561	2.77035	4.66617	3.38584	5.71331
DPF2	17.0971	18.6045	15.9595	18.4489	21.9561	19.9921
OGDHL	0.266026	0.160783	0.137664	0.249794	0.205909	0.3251
ZFAT	2.43236	1.73527	1.8741	1.57112	1.91173	2.25317
ACYP1	22.6734	29.3804	23.1391	24.7716	24.9055	25.117
FBXO7	59.0785	66.2422	67.5678	78.1554	61.409	55.5361
GHRLOS2	1.24313	2.05165	2.63496	3.42402	2.16413	1.54933
YY2	0.913123	0.678557	1.05068	0.720651	0.977043	1.22919
PPM1J	7.50802	12.7321	9.59698	11.3839	14.9728	11.505
MPV17L	6.38879	1.73476	2.17441	3.25503	2.14889	1.1659
SUPT4H1	41.5267	45.226	38.9674	40.6432	42.7922	39.2554
FRG2C	0.0884629	0	0.113007	0.0467242	0.0316927	0
SMEK2	24.5774	19.4453	23.3719	18.6375	22.0949	17.7398
FLJ35390	2.48265	2.94169	3.11127	2.63612	3.67984	3.66201
MAGEA5	0.249818	0.248487	0.236403	0.513158	0.348071	2.60E-06
ATP6V1G2-DI	1.19059	1.13081	2.30902	6.88E-11	1.83283	2.82063
LOC1005060	6.00848	5.40634	5.03148	6.39079	3.72524	5.16903

CNGB1	0.186921	0.0901439	0.0878383	0.092998	0.0108228	0.0317676
STK3	12.297	10.4036	10.2986	9.92082	10.2851	11.1201
RTCD1	18.1485	19.0069	17.4826	16.1269	16.7098	16.9155
ZNF30	2.68776	3.78789	3.39428	2.59688	2.77835	3.34819
PABPC4L	0.312184	0.293264	0.295406	0.054963	0.298248	0.19454
LOC10050563	2.08854	2.07738	2.76681	2.69652	0.997652	2.60298
SNORD114-5	0	0	0	0	0	0
FTH1	539.862	757.851	601.477	689.412	526.269	413.79
TMSB15B	3.47476	4.87932	5.26083	4.79816	7.16001	3.69379
CSNK1G1	5.11986	3.91079	4.47339	2.77983	4.64359	3.96459
CLCA2	73.7899	55.3055	68.2339	59.2139	63.7478	66.0087
LOC10050597	6.23458	4.94199	3.17353	3.93642	5.06624	2.6794
KCNE1	0.504528	0.422103	0.125549	0.634229	0.24193	0.625903
NRK	0.38805	0.332692	0.0623118	0.176665	0.247151	0.175866
CACNG5	0	0	0	0	0	0
RRM2B	6.41611	3.91659	7.07441	4.22477	4.86959	3.86975
RNF150	0.601847	0.422022	1.33538	0.701534	0.396537	0.387978
FXC1	21.1246	18.9861	16.4153	16.9636	15.3537	13.4029
SLC7A2	7.64317	6.54678	9.62462	6.45862	7.69479	4.80983
BYSL	7.1205	9.8798	6.01978	9.66304	6.58746	7.09304
SIRPA	29.2396	28.4273	26.7622	25.3451	30.8706	31.7047
LOC10050571	1.97669	0.873834	0.748185	0.928043	0.629484	0.615896
WDR34	19.2291	29.8497	19.9799	36.3011	25.3863	30.4
JTB	83.4846	96.12	72.7018	91.0803	71.0534	73.4962
ZP2	0.629747	0	0.0340516	0.0844747	0	0
SLC24A5	1.35027	3.26513	2.168	3.2979	1.54394	3.16389
TSGA14	2.39652	2.29132	2.10951	1.33448	1.6151	1.96227
LOC145837	0.185738	0.0547394	0.234342	0.0581351	0.118298	0.308651
GAS7	21.4809	14.5545	22.5216	17.9512	25.1148	21.1483
GBP1	31.6008	28.5149	9.48501	4.73662	11.3796	6.71281
DPY19L2	1.77723	2.54797	3.32695	2.57078	4.83342	3.41213
LINC00102	0	0	0.102097	0.163543	0	0
CLEC4F	1.9595	1.66028	2.03961	2.98991	4.91407	4.57905
LYRM2	8.27336	7.41839	6.98819	5.96349	6.96953	7.01705
CCL14-CCL15	0.204009	1.16E-06	1.39E-15	4.11E-17	1.43E-06	2.09E-06
EIF3K	280.878	385.106	293.419	408.335	311.519	298.022
ACSM5	3.16842	5.6395	6.375	2.54449	2.57559	0.961235
ZDHHC11	3.54998	7.75577	8.17894	8.98566	3.07202	2.88553
LOC10013081	0	0	0	0.0592077	0	0.0392932
MZT2A	49.9518	101.344	67.4028	119.342	61.1313	67.5838
LOC10050721	0	0	0	0	0	0
RPL5	488.708	601.061	566.739	657.875	562.006	524.708
C8orf84	4.40348	2.9598	3.25548	3.04669	3.34584	3.51432

MIR514-3	0	0	0	0	0	0
MIR1244-3	0	0	0	0	0	0
MIR570	0	0	0	0	0	0
KCNJ2	2.47934	2.36555	1.94439	1.70836	2.65835	2.02297
C17orf99	0.105405	0.559157	0	0.692818	0.4028	0.525473
LOC440313	0.178436	0.210349	0.0450256	0.279247	0.265175	0.074129
USP32	7.2299	5.85721	8.01989	5.87285	6.80505	7.07182
LAIR1	9.86923	6.96675	10.9647	4.67985	8.44202	5.19923
DPM3	73.3522	100.675	71.6384	93.0729	64.3156	67.4521
HNRNPF	77.4	73.2376	73.4868	65.6377	68.3887	62.4538
MIR124-3	0	0	0	0	0	0
REXO4	13.7206	16.428	13.8053	16.9221	16.2721	15.7868
PDE6G	0.688115	0.726597	0.92374	0.143584	0.664807	0.428804
CNOT3	17.6101	18.7752	18.0621	21.9177	24.1693	21.5026
LOC401010	5.09113	7.3185	6.29392	6.90137	6.87391	6.92332
LHX6	2.57523	4.86541	2.02705	2.24207	2.36496	1.6421
LOC10050761	1.48335	3.3724	2.40623	3.5816	2.56434	7.1308
SNORD18C	0	0	0	0	0	0
SLC1A7	1.27412	2.58432	2.46803	1.54826	2.29128	1.37779
MED28	25.5257	24.4042	31.0479	22.9662	24.1382	23.0779
VSIG1	0.414631	0.589547	0.19581	0.655782	0.605907	0.514697
MKI67IP	18.3722	18.7774	17.5692	18.5886	16.277	16.6487
KRTAP5-5	3.23266	0.419289	0	23.145	1.60851	185.771
CFHR2	0	0	0	0	0	0
METTL1	12.6708	13.5338	9.66581	14.6538	10.9083	9.69332
LOC10013050	0	0	0	0	0	0
VIPR1	20.0648	27.9089	25.1254	34.2157	32.595	27.7683
PPP4R4	0.682974	0.75927	0.307292	0.636331	0.724285	0.492878
TCF7	6.6846	6.6425	5.71726	5.59861	7.66172	14.1407
OR4S1	0	0	0	0	0	0
ARFRP1	19.2743	31.7397	18.5273	25.825	23.8008	23.6517
ELN	32.8923	28.7535	53.4153	28.6157	37.7581	41.6964
SRP19	28.847	25.9181	23.5627	22.03	22.8968	21.4669
SLC35G1	2.4075	1.71808	3.32452	1.86429	1.90715	1.97375
DCAF15	16.6182	29.0661	20.4426	26.2756	30.5734	24.6512
RGS10	29.0949	34.3172	25.9379	27.4966	32.5698	25.6887
ZC4H2	3.68098	2.66608	3.62996	3.54254	3.98396	3.2759
KCNIP4-IT1	0	0	0	0	0	0
LRP5L	5.96683	8.11139	3.90585	5.8009	7.19922	5.53671
DUSP8	3.0554	2.72055	2.59183	7.46748	4.15424	4.02405
CPNE7	0.682425	2.20821	1.19797	1.99364	3.84335	2.20457
FTX	5.51579	7.696	6.55672	8.60499	7.52001	6.39096
SLURP1	133.353	99.9386	190.85	131.934	162.029	119.835

KCNA4	0.0232765	0.0411593	0.0352409	0.109281	0.0592998	0.0435148
DMRT1	0	0	0	0	0.0292772	0
ACTR1B	41.8615	50.8257	41.0561	49.1871	51.6267	45.3908
CALHM1	0	0	0.0737531	0.0304943	0.020684	0.0202376
MIR4307	0	0	0	0	0	0
LOC10013050	0.0507799	0.0224482	0.134542	0.0715223	0.177881	0.56959
RCOR3	20.1572	19.3436	24.1837	19.0765	25.6848	21.8464
XPO4	5.62045	3.83872	5.15766	4.17541	5.15379	4.23383
NAA38	3.39706	3.65322	4.04188	3.16162	4.48005	3.53752
LOC729013	12.2221	14.9832	11.0405	14.6589	12.4288	11.4565
ZNF146	25.9778	23.7051	23.4461	21.8846	23.858	22.4518
MYBPC3	0.115278	0.224227	0.174532	0.151541	0.279	0.0862034
RAD51L3-RFF	3.3396	5.17745	1.09525	3.9609	2.94919	1.3694
EDAR	2.19192	1.46877	1.46717	2.29649	0.984579	1.179
H6PD	17.5178	18.3658	28.4681	23.885	30.4611	22.9502
C1orf191	1.14424	1.11283	1.03943	1.50419	1.23891	0.71304
OSBPL6	2.74129	3.28537	3.70361	3.47055	3.13558	2.63213
HS3ST5	0	0.0322547	0.110467	0.0342556	0.0232353	0.0454676
SMC6	10.821	9.18329	8.14463	6.03007	8.91531	8.24729
POLR2J2	11.1725	11.8811	13.7594	13.8039	7.36226	7.79871
FCGR2C	2.94431	3.40116	6.03988	2.27412	3.55386	1.81994
SPNS1	16.8964	30.2339	25.5669	30.2346	28.771	28.8885
DEFB129	0	0	0	0	0	0
KIAA1024	0.311015	0.112492	0.363862	0.252215	0.29713	0.308336
AMACR	9.00479	7.25469	6.48161	8.03916	12.833	11.0702
MIR378D2	0	0	0	0	0	0
KRTAP10-7	1.62667	0.236405	0	37.127	0.331334	134.77
NDUFS7	91.127	125.541	82.5114	110.534	97.7034	103.041
MIR541	0	0	0	0	0	0
ACVR1	12.6779	9.88492	12.1284	11.8717	9.25034	12.9574
AMN1	3.89535	5.30765	5.49151	3.52055	5.61247	4.58122
TSTD2	7.80982	6.51818	8.38314	6.55908	8.72376	6.85566
SLC30A9	29.715	20.9159	24.8333	20.5353	22.3018	20.8011
NCBP2	43.8961	47.886	41.0337	38.9924	40.5696	38.427
CTSL1P8	0	0	0	0	0	0
KIAA1539	9.21653	13.0785	13.5567	12.9659	13.2651	11.6093
BFAR	10.0485	11.5669	11.262	10.477	9.49605	8.8438
BLM	0.641797	0.62418	0.615402	0.622725	0.803903	0.666568
CCT8	47.3348	41.9475	38.9088	41.456	48.1245	51.6369
LOC10012829	0.626298	1.16575	0.598877	0.680939	1.36463	0.780565
CD99	106.693	74.5927	85.5162	97.3552	83.93	94.3645
ZNF239	2.48501	2.94021	1.64798	0.915005	1.66656	1.62965
C11orf96	12.7628	20.0768	10.5398	18.9877	11.2957	9.76079

TTYH3	13.4189	12.7141	12.0533	14.744	16.3915	23.2016
MIR200A	0	0	0	0	0	0
LUC7L3	115.918	128.289	116.606	113.691	159.722	120.699
LOC10050636	0	0	0	0	0	0.159086
BOLA2B	13.7052	17.8114	10.5362	15.4968	11.2521	11.2793
MPP2	1.29708	1.43836	1.88059	2.58038	1.12016	1.47958
SLC4A8	0.296406	0.416362	0.220858	0.200354	0.221925	0.224338
HTR3B	0.115171	0	0	0	0	0
DNAH1	2.09669	2.69522	3.51568	2.681	4.04263	2.66664
GOLGA6D	0.145885	0.0638491	0.249584	0.22008	0.264264	0.219311
H3F3AP4	226.96	244.233	254.383	278.404	253.048	253.898
PAQR3	11.7559	8.26413	12.5858	8.65387	8.68805	7.7663
FAM199X	10.0555	7.87438	9.63564	7.0492	8.32174	7.64393
LOC10050731	4.02068	5.19231	3.88633	4.15176	7.20363	7.76398
FGFR2	32.1899	29.4021	39.1368	42.0926	39.3426	31.2835
LINC00273	0	0	0	0	0	0
FOXO4	10.7492	10.9879	11.8602	9.60104	12.4544	12.3568
KLHL21	28.4453	36.1488	29.5121	36.9514	33.4276	30.1757
DNAJB5	5.33493	7.31262	3.47648	4.11638	3.63488	2.71304
LOC10065295	96.3639	109.298	74.4777	112.478	101.021	89.5879
LPP	8.9905	5.75012	7.7105	5.64213	7.62315	5.86242
LOC400752	1.54264	2.07314	1.72833	1.8541	1.65063	1.80726
ZNF395	24.4	26.9796	27.9273	27.0666	32.0547	25.4086
MIR4274	0	0	0	0	0	0
CHAC1	1.30715	1.1557	0.527631	13.8464	0.486171	103.301
LOC10050721	0	0	0.0662307	0	0	0.0272601
TH1L	42.1381	43.9666	39.1381	44.9547	40.8324	40.3921
KIAA0889	3.45628	4.62165	5.2317	4.5433	4.92282	3.90425
LOC10050654	0	0	0	0	0	0
LOC441179	0.266081	0.290662	0.438289	0.177729	0.333971	0.393799
MLLT1	19.4001	23.7319	23.0873	23.7702	25.0546	25.7692
SDCBP	64.7878	62.0457	58.4922	47.5773	50.9533	42.2
HMGXB3	13.6737	15.7283	13.7352	17.0714	14.0271	13.1221
HTR6	0	0.0461084	0	0	0.0332151	0.0649962
CIT	1.35657	2.12571	1.95373	2.52681	2.59192	2.30925
ZBBX	0	0	0	0	0	0
C17orf81	20.9216	23.0916	20.1162	17.4943	20.3085	17.8169
PRRT2	2.15746	4.09243	5.40443	6.18795	7.17028	4.54664
COA5	26.5209	26.8488	25.3368	23.8251	27.5295	23.1214
DOLPP1	13.3008	13.2607	11.5153	11.1324	11.7917	12.5093
DIS3	7.99116	6.86417	7.79551	5.77019	7.44169	6.04656
TTY17C	3.83162	0	0	0	0	0
PI4KA	23.0039	22.9892	24.7762	26.915	26.6082	28.061



MIR548E	0	0	0	0	0	0
FAM197Y4	0	0	0	0	0	0
NUDT9	19.2208	15.8557	13.879	14.2379	13.7416	17.4012
LOC150568	0.143016	0.189669	0.0541321	0	0.045544	0.0891217
HOXA5	3.64646	3.56334	2.9541	3.3639	4.40043	3.7872
SRPRB	25.8914	22.673	17.8084	19.4692	15.793	18.7538
MIR376A1	0	0	0	0	0	0
ESF1	9.13115	6.71407	7.0287	5.57166	7.14722	7.14621
TOR3A	20.0557	24.483	19.426	20.7379	23.0541	17.8584
ZNF485	2.20611	2.88143	1.51822	1.93026	2.49083	2.34333
COG8	5.79994	6.39534	6.60707	5.76418	6.40315	6.24509
FAM195B	44.3052	88.0462	54.4128	74.08	61.1732	65.7034
PFN1P2	1.30823	1.33568	2.70401	0.959549	1.75374	0.939125
FAM75D1	0.0799218	0.0529963	0.0756265	0.0187613	0.0127257	0.0498039
PRPF38A	18.2576	15.4723	16.416	16.3304	18.5686	16.4589
LOC10050733	0.030231	0.0801849	0.068655	0.0851592	0.115526	0.0188386
C8orf42	2.9278	1.95364	3.05272	3.47534	4.18684	3.51126
HECA	16.7098	14.6832	19.9109	17.5013	19.5458	21.2937
TUBB2B	16.4839	14.8635	16.982	22.1047	16.1552	26.6861
POLR3G	1.74312	1.67401	1.77464	1.63676	1.32076	2.69686
LOC10028763	0	0	0	0	0	0
PRAMEF8	0	0	0	0	0	0
KRT74	7.81705	2.63147	1.62868	39.3602	2.32948	21.4289
LOC285629	1.05038	0.464341	0.728883	1.02739	0.501746	0.381823
C7orf26	14.5606	19.1183	15.7934	19.1819	19.0666	15.4386
FAM172BP	0	0	0	0	0	0
TARBP2	15.9155	21.2087	12.3297	19.4463	18.4032	17.6368
UBE2Z	43.8025	43.3231	36.8057	36.0407	41.08	36.7763
NAT9	24.8972	38.0306	26.9668	33.4147	36.3039	30.5449
GNAT3	0	0.0959322	0	0	0	0
RNASE9	0	0	0	0	0	0
AHNAK2	27.2313	30.8232	53.2606	42.2749	50.9665	46.7247
ZC3H6	2.94981	2.72331	3.84302	2.96876	4.27649	2.91471
UBA1	78.4377	78.2459	86.0683	95.1973	89.2108	91.4394
GTF3C1	17.9404	18.2411	36.4491	33.0001	23.4837	26.2251
LINC00311	0.0586842	0.10377	0	0.165311	0.0747526	0.109709
TSPY2	0	0	0	0	0	0
B4GALT6	1.86586	1.89801	2.59711	1.50711	2.10841	1.48779
KIAA1530	4.08473	5.60968	8.35041	6.44442	7.77835	5.55602
EIF1AX	27.7726	21.5362	34.5429	24.845	33.6904	30.1537
BRIX1	24.0621	20.6576	17.0272	16.9455	16.6024	15.7551
ZNF732	0.466417	0.494851	0.318875	0.178833	0.297063	0.581684
CRLF1	3.19311	5.54363	3.25224	13.3197	6.06415	14.8331

SDPR	19.7841	13.4883	17.8063	7.07692	9.32946	7.91605
MAP4	61.4717	55.0074	74.2712	58.8132	69.2943	68.7906
RBM25	46.4954	44.3011	51.0873	42.0053	59.1257	45.3316
LRRRC69	0.499495	0.294415	1.07134	0.469018	0.265109	0.518773
LOC10012896	0	0.10218	0	0	0	0
LOC641364	0	0	1.90E-11	0	0	0
TNFRSF1B	12.48	13.9576	9.12443	5.85925	12.2456	6.38113
ADIG	0	0	0	0	0	0
ZNF490	1.21556	1.40062	1.60289	1.73784	1.82808	1.80166
LOC10012903	14.3334	8.82839	12.7895	9.57722	12.5733	10.1451
MIR4440	0	0	0	0	0	0
SULT1C2	0.2235	0.126464	0.462009	0.307001	0.142351	0.118848
FCRL5	0.0714363	0.0157795	0.0973611	0.0670776	0.104021	0.134696
CRYM-AS1	0	0.117141	0.100297	0.248815	0.140641	0.0550421
ATP11C	5.53037	3.82685	4.87522	2.31928	4.22141	3.24317
LOC10050604	2.73672	3.5077	6.34E-07	0.0207025	0.686614	2.53037
SERPINB12	12.2307	2.92699	9.53716	3.45396	12.9439	13.0084
ALAS1	48.5372	44.558	37.9003	40.0648	32.1415	38.6167
ITGA1	3.78666	1.77244	5.76919	1.72107	2.48871	2.18396
MYF5	0	0	0	0	0	0
LOC392364	0	0	0	0	0	0.0719283
C3orf54	12.4087	25.1048	15.148	28.5516	20.5767	19.5752
LOC10065294	4.94094	3.83804	5.77969	4.49781	7.62737	7.92883
NAPB	7.14213	6.60469	7.10695	7.29878	8.21367	7.10849
SAMD15	0.458727	0.450642	0.385843	0.0478597	0.324629	0.158811
LOC10065282	0	0	0.0587648	0.0364457	0.0247208	0
LOC150776	13.6089	21.804	11.7356	15.85	26.858	22.3036
NBLA00301	0	0	0	0	0	0
GCG	0	0	0	0	0	0
CCR3	0.0614169	0.0543009	0.209221	0.307576	0.244484	0.425258
CLDN12	12.4487	8.05697	9.30054	6.95241	8.395	9.56383
ZNF880	2.38637	1.95064	3.85158	3.00178	2.23682	2.04825
CXXC4	0.168864	0.298599	0.383494	0	0.107551	0
EI24	126.708	112.372	102.968	105.215	90.634	97.2925
LOC10050756	0.965982	1.13435	0.57927	1.79038	0.993278	0.689584
CSNK1D	38.4259	47.5481	41.7726	48.2725	45.7329	41.6102
MIR372	0	0	0	0	0	0
ZNF81	1.27956	0.619018	1.39813	0.804771	1.3839	1.08322
GBP7	0.123617	0.327884	0	0	0.0524884	0.0256777
DAB2IP	22.1834	19.1238	20.3908	21.8572	21.1827	19.8051
MIR4739	0	0	0	0	0	0
NDUFA7	60.2792	79.9426	50.5343	54.964	48.5455	52.4647
FBF1	4.45271	6.21836	8.29276	8.67087	9.44244	9.5697

LOC10050720	1.76036	1.91557	2.35768	0.890049	1.46616	1.0126
DMAP1	20.6978	35.804	27.2295	36.9179	33.0736	32.2999
APOD	1372.59	525.457	517.253	383.141	603.351	415.202
BTBD2	35.3158	51.8039	46.6848	63.5322	59.5066	51.7641
ZCCHC16	0	0	0	0	0	0.0209605
QARS	122.929	151.503	121.856	144.931	132.138	120.92
CMTM4	20.4776	14.6224	16.8924	21.2651	16.4018	14.9707
PION	7.87107	8.06074	6.32654	4.65136	9.85206	6.4957
TRAF1	7.77074	8.78027	6.77908	4.64081	10.0137	7.71468
MAP3K8	7.14158	6.99368	9.43057	7.2471	14.0535	8.1423
CARD11	1.37947	1.21964	0.757934	0.292487	1.47377	0.651652
CCDC109B	16.2005	17.2497	13.4507	14.5577	16.0875	14.6004
CCDC14	27.2019	25.837	27.0281	27.687	33.0374	34.3992
SOAT2	0.198613	0.175601	0.0751756	0.279742	0.28462	0.309418
OR6C3	0	0	0	0	0	0
LOC10050670	24.4645	21.728	28.6443	20.5142	30.7252	23.7455
RARS2	21.6796	22.6146	21.2056	19.0175	20.7844	18.6767
LINC00466	0.175383	0	0	0	0	0
PIPSL	10.9861	12.905	10.984	11.9782	12.1513	11.1624
PNKD	51.4572	59.219	51.4791	55.6414	49.4644	52.6533
DPPA4	0.0709165	0.1254	0.0805263	0.0332948	0.0677507	0.0220961
KPNA4	12.6843	10.0978	11.1081	9.72594	8.92342	8.63897
ADPRHL1	2.21775	3.0035	3.44335	4.25583	1.98052	1.94351
CASP6	11.4021	10.8386	7.53419	8.44772	9.59163	9.9181
PLA2G16	78.6005	129.27	107.386	67.0814	48.3066	25.8847
TIMP1	99.4528	123.094	107.751	83.5026	105.821	74.5992
LOC642373	1.17788	1.33317	1.96389	1.10601	2.95114	1.92072
FLJ37505	0	0.090378	0	0	0	0
SHPRH	3.27491	1.87255	3.41831	2.53455	2.73882	2.52118
P2RY2	2.92335	3.28298	2.76414	2.93077	2.77175	3.01043
METTL16	7.39102	7.21169	6.77958	6.68996	7.28372	6.60783
PFN2	22.4936	18.15	17.8471	21.5622	19.0955	21.5648
LOC643401	0	0	0.0783603	0	0	0
FLJ20021	4.30712	9.30866	6.03799	9.28696	12.9033	11.1337
LOC10050710	2.938820049	1.99435	1.09053	0.928891	0.309229	0.439724
PHF23	20.2536	17.2355	17.0186	14.7388	15.8988	16.8809
EFHA2	3.37564	2.29247	2.96276	1.69968	2.30576	1.98161
ADIPOR2	45.248	33.0442	42.7836	35.972	34.0684	31.5085
C17orf67	1.8534	2.86766	2.57223	2.17539	2.55762	1.05871
STK4	8.32801	6.89624	8.14312	7.29571	9.58976	6.75973
LOC728419	0	0.00739837	0	0	0	0.0125148
GPR155	4.86728	5.18689	5.07967	5.11875	6.29912	5.38676
TCF19	11.7771	13.4435	7.91021	10.8698	11.9004	11.2558

B3GAT1	4.3221	0.494423	0.36024	0.420782	0.710829	0.973361
LIN7A	0.363494	0.401723	0.275167	0.511972	0.115756	0.0566284
AMY1C	2.15343	1.89716	2.13178	2.06299	2.34708	1.71298
LOC10050649	0.251514	0.489221	0.571193	0.377869	0.35242	0.18808
TMEM185A	8.17422	9.43089	9.10156	9.85162	10.7123	9.27992
SPOCK2	2.4096	1.99416	2.25785	0.77971	3.41342	1.47953
MVP	46.107	64.3748	46.3342	37.1647	55.5626	36.7681
MAGEA4	0	0	0	0	0	0
LOC10013087	0	0	0.105127	0	0.120388	0.0288464
PLSCR2	0	0.326196	0	0	0.0587454	0
FAM116B	7.05691	8.92626	5.88803	9.09306	10.7279	10.4001
GZMH	4.29537	2.96818	0.711291	0	1.19689	0.334587
LOC10050637	0	0	2.11E-241	2.98E-289	0.249259	0.238972
KIAA0753	5.99338	5.90473	6.31735	7.03996	7.85831	6.59131
IRF5	7.62119	8.78407	7.94018	10.4021	15.593	14.6506
KIF27	1.33069	1.23158	1.62112	0.917542	1.46983	1.17902
HSD17B14	3.24905	6.14417	3.41604	2.96606	3.79378	3.3182
NCK2	26.9685	27.3283	26.889	33.2925	31.3857	39.4217
HSD3B2	0.98832	0.822541	0.489778	0.35054	0.276742	0.500682
PPP2R5A	54.537	46.9377	51.1954	43.0498	37.0925	35.3365
HPCAL1	15.6016	20.8979	11.2847	16.0216	13.8549	13.9668
LMX1A	0.297416	0.469102	0.512501	0.279269	0.207875	0.476691
MRPS30	12.5535	10.5945	11.1829	9.8825	10.6202	9.16613
METTL22	6.80791	8.00543	6.64818	6.77607	9.55365	8.23026
GLYATL1	4.83211	4.20487	2.71984	2.25681	1.99144	1.92501
PCDHB7	0.632686	0.44388	0.343694	0.486962	0.35821	0.359923
FDPSL2A	2.64496	1.60555	1.42221	1.28593	1.37906	1.81891
NKX2-1	0	0	0	0	0	0
ANK1	0.724555	0.571672	0.319148	0.16506	0.381542	0.433325
BAZ1B	13.3403	10.8821	12.9637	10.2942	11.1461	9.28768
LOC641298	3.48016	1.92281	4.20625	3.04884	3.43631	2.69656
COL1A1	116.987	114.516	415.354	125.563	195.133	224.653
ZNF443	2.93862	3.80836	3.27972	2.2641	4.17499	3.92054
MAFA	0.256513	0.188994	0.161818	0.602153	0.108916	0.346337
LOC10065287	13.0358	18.9459	10.4458	16.2511	11.3802	8.46401
RPL39	321.468	606.238	250.086	714.672	373.029	322.676
FAM192A	25.1593	30.3923	23.1308	27.77	31.9367	27.3168
OPA3	5.10304	5.30908	5.0416	5.90996	4.97111	5.21284
RCSD1	3.72245	3.7907	3.89979	1.84128	3.0694	2.25754
EP400NL	2.85657	2.7104	2.68987	2.15891	2.97311	2.90894
BASP1P1	0	0	0	0	0	0
GLTSCR2	214.205	402.05	294.764	446.673	341.454	306.448
UBA6	13.0294	11.5591	11.3204	8.89777	12.8721	10.3061

PER4	0	0	0	0	0	0
CCT6B	3.98804	4.65777	3.34698	5.14425	2.84549	2.31371
SMCHD1	9.31795	7.21579	8.58178	6.60816	8.00553	7.18
ETV5	6.12429	5.70853	5.69632	7.95724	5.97184	6.61213
ZNF20	2.68641	2.41248	2.47859	2.07126	2.57684	2.78058
RPL23AP7	5.69031	8.03336	8.38628	7.13644	7.19374	6.75539
DIABLO	16.7695	19.8201	16.5523	19.2338	16.6795	14.7839
SERPINH1	47.5577	52.8985	57.4127	46.1694	39.9336	41.4741
FBXL8	6.48636	12.4793	10.3045	10.0102	12.7483	11.0847
ZFP91-CNTF	0	0	2.79E-196	5.65E-232	3.53E-259	0
LOC1005065:	3.31232	4.88091	12.6765	16.415	16.1741	13.1873
RPE65	0.192773	0.579487	0.087558	0.0724042	0.171889	0.168179
RNASE4	62.9323	54.5951	75.0417	50.4269	63.3389	45.6849
LOC728743	5.64591	7.44884	5.20408	6.26282	6.93098	5.76052
RPL30	1743.91	2564.65	2214.12	2937.91	2139.06	1943.98
CABLES2	3.33401	3.9303	3.20864	4.46533	3.95061	3.84923
ZBTB43	7.97276	7.83094	7.42342	7.68645	7.88278	7.42703
LOC284344	0	0	0.0463705	0	0	0
ITPK1-AS1	0.0411366	0.0181852	0	0	0	0.0128173
MARS2	4.33692	3.94804	4.47471	3.3785	3.29419	2.94282
CIR1	23.7352	26.5158	23.4554	21.244	27.0693	22.7326
PPFIA3	8.57988	8.63584	11.2229	14.19	12.9637	11.9948
CAPN14	0.3837	0.361859	0.716475	1.48919	0.521345	1.11583
RAP2C	14.4928	13.9326	16.8888	16.0785	16.106	15.6037
SLC5A7	0.0749251	0	0.0283594	0.0351767	0.0238601	0
C7orf10	1.28533	0.934938	1.85734	1.05443	1.36475	0.494737
C6orf58	0.18728	0.0827904	0.0708858	0.0879263	0.119279	0.0583524
SH3BGRL3	290.118	377.915	263.219	354.978	330.916	300.528
PAIP2B	6.2475	4.8533	7.4729	6.33618	7.0696	7.38948
POLR3A	4.9873	4.68902	5.57064	4.54804	5.30017	4.6036
PSMB6	157.403	155.444	126.695	143.831	124.473	144.826
LOR	369.037	225.749	578.488	748.558	860.39	840.288
DNAJB2	74.1314	87.1207	95.5909	105.595	105.939	116.614
TSPY4	0	0	0	0	0	0
LOC1005062:	0	0	0	0	0	0
GATSL1	0.485908	0	0.45604	0.0558685	0.458532	0.669707
ZNF736	1.46983	0.823034	2.48496	1.61017	2.49637	2.44249
KRT17	1295.47	1323.43	1190.94	1507.19	1015.92	2109.97
MIR3908	0	0	0	0	0	0
LOC1005071(	0.284668	0.335581	0.383103	0.207899	0.221597	0.394207
KIAA1211	0.27147	0.156011	0.154128	0.114708	0.216126	0.211461
UMPS	5.87623	6.01577	5.72549	5.52867	5.91603	4.969
NAP1L4	50.8774	55.75	48.138	54.8073	57.851	54.1641

EMILIN3	15.6746	21.3249	17.978	22.4129	11.5453	12.1579
COBLL1	13.5426	8.47328	16.9578	11.4833	10.2106	9.22079
OR4F15	0	0	0	0	0	0
GATC	13.1392	13.8698	12.2679	14.6462	13.9556	11.9767
LOC645212	7.2226	9.86151	8.4846	8.85267	11.0757	8.27257
PDE4A	4.53706	4.93898	5.45924	3.70362	6.46285	3.48104
TEX11	0	0.155211	0	0	0.0209639	0.0205114
ADAM18	0	0	0	0	0	0
IRF8	6.40966	7.46713	6.59321	3.78816	9.26933	5.02803
MIR519A2	0	0	0	0	0	0
LOC388796	14.3293	23.1775	15.5084	23.8254	18.2476	14.7073
OVCH1	0	0	0.0217927	0	0.0183352	0.0358789
MIR3189	0	0	0	0	0	0
POLR1B	6.16824	4.96671	4.1411	3.96467	3.54273	3.70653
FAM196A	0.0440213	0.0389209	0.0166622	0.103338	0.0420562	0.356619
LOC10065284	0.0996351	0.113784	0.309781	0.116945	0.734237	0.536727
VTA1	16.7533	13.708	17.2018	13.9291	14.8219	15.2992
SLC5A5	0	0.072814	0.229114	0.025777	0.0699373	0.0513208
AKAP12	7.65888	5.90339	7.67695	3.64294	4.60463	2.99943
RNASEH2C	16.5412	24.8198	16.3969	22.6297	22.0311	21.5052
MCM6	8.8979	9.59723	8.77032	8.35499	8.95771	8.09768
RAD50	11.5087	8.27063	11.6892	8.00985	11.4922	9.53231
ZSCAN29	5.86961	5.53753	6.14035	4.72412	6.93182	5.86511
CC2D2A	2.59171	2.99283	2.70145	2.51197	3.02203	2.43124
LOC151658	0	0	0	0	0	0
RSU1	27.4482	24.2934	20.5699	16.7805	19.1602	16.6633
PLA2R1	24.053	11.9487	26.993	23.5405	18.3458	20.6815
ARHGAP8	10.2895	9.54912	5.54943	9.14222	5.87217	11.3683
DBI	1117.06	939.746	665.068	697.067	645.812	812.98
APOL2	27.9554	34.799	16.5163	12.4928	23.4036	16.5076
DNAL4	12.4734	15.1317	13.2304	16.0023	15.0574	14.3256
LOC10028891	7.54473	16.9205	7.94024	13.3048	10.8998	9.17377
MIR4709	0	0	0	0	0	0
RNF166	14.5326	18.7247	13.9815	15.0521	22.0135	14.5484
MIR625	0	0	0	0	0	0
CSDAP1	32.2849	32.8259	39.1037	36.0973	37.5074	35.1702
MGEA5	73.7636	81.17	84.6781	74.9169	93.1283	72.5356
GRIN3A	0.232027	0.21594	0.258846	0.183469	0.451115	0.235909
SDR16C6P	0	0	0	0	0	0
FBXO6	12.3595	14.0409	8.88572	7.97458	9.45497	6.49717
PTRH1	15.3679	15.6217	15.8216	20.4908	14.3882	23.4627
LGALS3	391.477	410.748	452.203	516.766	399.848	442.155
POU2F2	0.75313	0.805316	0.946083	0.959125	1.41495	0.767474

FAM63A	17.4363	17.1082	18.4008	15.4384	19.9343	21.5483
HSPA4L	8.98154	4.83941	6.50147	6.81497	6.35599	7.19872
NPL	17.1741	11.9502	8.13237	6.6888	7.84072	7.92257
NUDT12	9.55641	8.62364	7.70373	4.71165	8.16923	7.32536
CRIP2	96.1445	154.704	124.356	186.849	148.73	198.879
ETV6	18.857	19.3426	16.1862	15.3356	15.491	11.2928
CCDC28A	12.0928	15.1509	13.1375	14.8757	14.6306	11.6672
CAT	86.86	83.3686	116.568	82.2665	82.461	72.3538
ZNF670	1.30855	1.04295	1.27923	1.21582	0.943349	1.03879
B3GNT7	0.811727	1.05259	1.12655	0.406506	1.32695	0.623862
SNORA27	158.136	0	299.275	445.463	201.436	147.816
NUCB1	91.5192	100.308	111.41	104.515	100.048	86.6773
AKTIP	17.191	16.4651	17.5562	15.1846	16.7326	17.8347
LOC10050724	0	0.087518	0.0374668	0.139421	0.094568	0.123369
BCL2L10	4.66563	2.9118	3.53191	1.93277	4.10775	2.7364
LOC441204	0.781216	0.978494	0.887077	0.427904	1.57561	1.13591
CENPA	2.88472	3.48895	1.83952	1.64167	3.18953	3.73263
TEX19	0	0	0	0.0503341	0	0
PRDM5	1.09979	0.720269	1.54175	0.535465	0.933948	1.06609
SLC35E1	18.7642	16.4229	17.7128	16.8023	16.0833	14.6517
CT47A11	0	0	0	0	0	0
MIR4759	0	0	0	0	0	0
CYP1B1-AS1	0.179477	1.00499	0.769901	1.29203	1.56223	3.0943
TTC5	5.27636	3.73202	4.96126	4.27645	6.08435	6.2299
FAM98A	20.0934	17.1527	16.2598	15.0323	13.4247	15.1802
FAM105B	5.71828	5.21507	5.33821	5.06481	5.50892	5.03067
SNORD84	0	0	0	0	0	0
STARD7	69.039	53.4742	55.7001	57.1195	55.4461	49.2433
NDC80	2.16853	2.95928	1.78434	1.37223	2.19183	1.76262
MIR4472-1	0	0	0	0	0	0
LOC10013160	0.11586	0	0.0877069	0	0	0
GPR160	5.99991	2.6297	2.09629	2.26316	1.73105	1.27825
TRIM68	7.65635	6.05532	6.47511	4.409	7.54315	5.96389
GSTA5	0	0	0	0	0	0
PPID	24.9007	22.0157	21.9989	21.4552	22.2105	26.2761
SNORA21	49.2882	87.155	111.934	92.5617	251.135	30.7143
ARHGEF9	9.36782	7.89464	9.51507	10.3282	10.9838	9.91449
LOC10028829	0	0	0	0	0	0
SNUPN	16.0528	19.3739	17.2387	14.9296	14.9132	13.5665
CDH20	0.69896	0.77247	1.05823	1.11573	0.957118	0.217781
CHCHD6	13.1202	18.404	16.4261	19.3087	15.2664	15.9589
LARP1B	7.96116	7.24493	7.92509	6.57444	6.73791	7.09015
ADH1A	3.47978	8.97818	3.93707	1.41553	3.44527	1.99352

CNNM3	7.61557	7.3059	7.8749	9.14137	10.4008	9.38133
GTPBP4	20.2796	16.6543	14.836	15.1661	15.1625	13.6364
SEC31A	39.82	32.5783	39.3597	34.3034	34.9428	33.3162
SNORD113-7	0	0	0	0	0	0
MAPRE2	16.9864	17.2602	18.3296	17.9331	17.1173	12.888
REL	1.43612	0.892239	2.02739	1.02048	2.17543	1.81404
LOC10013011	0	0.0352206	0.0603123	0	0.0253718	0.0496483
GTF3C3	10.4947	8.90508	11.9011	9.92371	10.3438	9.26108
C6orf10	0	0.0421974	0.108389	0.0448151	0	0
LOC143666	2.62456	4.42203	2.24922	3.58039	5.0148	4.5671
NAALAD2	3.15699	4.15945	2.81165	1.59843	2.85835	2.14089
LOC10012978	32.6305	34.2751	17.1283	25.3862	11.5116	11.545
SLC30A1	11.4104	9.09306	10.4969	7.97555	7.72357	9.98014
ASGR1	0.719587	1.8816	1.96806	1.92007	2.00642	1.42414
RNF212	1.21903	1.57911	2.07058	2.25048	0.6829	1.40106
LOC220729	22.2506	18.9639	21.4922	19.4319	24.1397	21.8778
FAM181A	0.331282	0.0650874	0.284951	0.432042	0.52098	0.286725
SLC19A1	1.87753	3.39068	2.92947	2.53859	2.41614	2.65106
CCDC169-SO	6.42E-07	0.191273	7.74E-17	0.395174	0.162533	3.98E-17
NFATC2IP	20.7614	20.8954	19.8173	18.2407	24.2797	20.7567
MIR3689E	0	0	0	0	0	0
LOC10050573	0.135474	0	0.13674	0.127208	0	0.0562812
FAHD2A	19.362	18.6247	17.5155	19.2204	18.318	17.0759
NADSYN1	48.7919	53.4852	42.95	47.0517	43.6598	58.6155
SETD7	18.6256	13.995	21.8586	13.5375	16.1772	12.6895
LOC10050594	0.277558	0.245399	0	0	0	0
HIST2H3C	0	0.139481	0.238849	0.6666	0.200955	0.0983089
KY	4.06807	5.29105	5.09016	6.47165	6.71298	4.74536
MRPL49	57.4247	48.6044	45.3982	49.7204	44.1633	47.094
LOC10065286	0.11824	0.159765	0.8524	0.354317	0.724117	0.62372
ZNF318	5.83889	5.81161	6.51804	4.75977	6.65315	5.06297
RN5S5	28.9436	161.314	75.4336	404.324	18.4343	41.6724
KRTAP4-6	10.1011	3.94793	0.166231	104.745	1.39858	1002.28
LOC93463	0	0	0	0	0	0
PLA2G4D	18.267	11.6226	16.627	16.8696	25.0479	45.0949
CNNM4	5.83603	4.67945	6.80967	7.35067	8.40811	7.23591
SLC43A3	15.2365	24.1742	17.5893	18.5484	22.0467	16.5734
MIR595	0	0	0	0	0	0
LPAR5	5.31785	4.90008	5.2369	6.56453	7.50973	7.65042
C1orf27	13.1177	11.005	10.9865	8.48129	11.3754	11.2736
MAU2	19.2975	21.2478	20.8883	23.4626	27.9011	21.9556
ZNF638-IT1	0.717807	0.373317	1.18266	0.872247	1.07571	0.420994
MIR4764	0	0	0	0	0	0



PAOX	3.03867	4.7743	4.42474	5.04016	5.55457	4.99881
OR7D2	0.0306629	0.0542204	0.023212	0	0.0781175	0.0191078
IQCC	3.9738	4.79602	4.44128	5.07343	5.1644	4.47424
MSRB2	11.5604	11.192	9.80144	10.1495	8.06236	7.45609
SHOC2	17.2103	12.1339	17.5148	13.7729	13.0139	13.4006
KRTAP9-1	0	0	0	0.160917	0	2.67093
CATSPER3	0.400354	0.637142	0.30307	1.12778	0.917956	0.548864
SHKBP1	18.1085	22.0427	19.3605	22.8058	23.7227	23.0235
LOC10050910	45.536	41.6516	34.3487	27.6208	24.8602	18.9272
C16orf53	8.92531	13.776	9.9527	14.3358	12.6405	11.1434
CASP5	0.114141	0.100917	0.450057	0.496219	0.378655	0.0823288
LRGUK	0.482656	0.590863	0.477796	0.662379	0.331053	0.485861
C2orf89	1.05111	2.95197	1.35736	0.464458	1.49643	1.0403
MIR1302-8	0	0	0	0	0	0
LOC728586	0.603831	0.711825	0.761839	1.88996	1.02556	0.752564
ARHGAP19	6.05839	5.02535	6.13632	5.73844	6.90043	6.78574
LOC441239	4.71416	4.63981	8.34928	5.51227	6.79805	5.48733
MAN1A2	6.20727	3.56409	6.60281	3.95268	3.8512	4.65729
OR4D5	0	0	0	0	0	0
HPD	0.762715	0.270052	0.416197	0.322655	0	0.21413
DHRX	3.20515	3.53187	3.59917	3.67324	3.96823	2.767
GRHPR	66.1934	73.3149	68.3405	82.8727	77.061	70.1006
CCL5	25.2386	18.5597	7.56708	2.55986	12.9646	4.07725
XRCC6	85.3301	74.3378	74.0261	80.0332	70.4308	70.7089
LINC00052	0	0.0519179	0	0.0551386	0	0.0365928
LOC1005062	0	0	0	0	0.102309	0.2002
NOP56	57.3421	71.1238	46.4839	63.6323	46.3216	44.6701
ZSCAN4	0.545098	0.602426	0.412642	0.682451	0.925802	0.679363
NHLH2	0.568377	1.00048	0.887134	0.609047	0.977493	0.830752
PLEKHM1P	9.08317	8.46773	11.0945	8.54494	14.3054	12.0426
PLD3	63.3769	79.9448	99.9607	108.649	104.256	120.672
TP63	61.2665	63.5737	66.6211	56.8037	78.0769	70.5691
RPL19P12	55.4998	70.1879	57.9682	87.1699	65.0073	56.4119
LOC10065276	65.8722	34.5799	46.5084	49.2061	27.0837	29.4348
TMEM187	8.44983	10.8411	7.64703	8.41151	6.95985	8.31407
DHX37	5.55402	6.20869	5.31594	5.81458	5.97699	5.2247
MIR214	1785.26	495.912	0	0	559.849	0
RAB4A	33.3523	33.5174	31.5389	37.5662	28.1729	26.3436
LAMB4	2.7961	6.15866	6.95652	8.45993	7.5504	4.78909
NPAT	4.46605	3.32138	3.58831	2.52824	3.77891	2.73282
STMN2	12.7729	11.821	35.7197	24.9791	39.5776	22.3608
ZNF513	18.3365	24.3561	15.8454	23.7101	25.1425	23.9168
ATG4D	23.0974	37.1889	29.4924	40.2322	35.1171	32.3349

MIR548AK	0	0	0	0	0	0
RCE1	17.6054	25.384	18.2344	24.7868	26.4084	26.696
EPT1	13.1277	10.1225	14.4486	10.9262	11.5843	10.3462
UROC1	0	0	0.0228996	0	0.0192665	0.0188507
RPGR	2.91823	3.01843	3.24094	2.61453	3.37081	2.56852
HIST1H4F	1.19931	0	0	0	0	0
GPR156	0.258489	0.0822625	0.300565	0.19972	0.164142	0.20417
TSNAX-DISC1	0.265718	3.85E-13	1.67E-25	8.53E-13	0.120242	1.10E-13
LOC285501	0	0	0.0852452	0	0	0
CLTC-IT1	0	0.0521169	0.0892458	0	0.0750868	0.110199
FGF6	0	0	0	0	0	0
MIR633	0	0	0	0	0	0
LOC10013054	0.414386	1.30714	0.61857	1.10884	2.21708	1.26643
MIR335	0	0	0	0	0	0
LOC10050645	1.63805	0.79654	1.05248	0.734333	0.650843	0.636799
SRGAP2	15.0982	15.1895	21.248	15.2817	23.8335	19.0105
LOC10013233	0	0	0	0	0	0
EYA1	0.282421	0.271919	0.443471	0.149164	0.220228	0.159364
CRTAM	0.292622	0.739193	0.316452	0.15701	0.372745	0.1042
RCAN3	4.47272	3.29542	5.92529	4.37481	3.24436	4.60664
ZNF569	1.17615	1.67654	1.45364	0.788847	1.63578	1.18166
ANKRD1	0.0524471	0.0463704	0.0794055	0.196988	0	0.0326828
JOSD2	23.9656	47.3807	28.599	37.0368	31.2697	36.1951
LOC10028803	0.584711	1.16317	0.885259	2.24189	1.11722	1.48783
TYRO3P	0	0.376865	0	0	0	0.265622
YIF1B	9.99835	13.2736	10.8065	15.1529	12.1381	12.7123
DNM1P41	0.504269	0.572512	0.52358	0.647674	0.716682	0.623375
PABPN1	24.8233	40.483	32.9626	33.993	43.3968	38.9323
NOXO1	0.722341	1.26369	0.653503	0.644965	0.937629	1.50238
JAG1	30.6613	32.6634	32.9283	39.478	34.2408	34.717
SMS	15.9711	16.8225	13.4869	11.64	12.7427	11.5334
INPPL1	28.8713	33.7511	35.0923	32.1507	36.2981	38.3663
FOPNL	19.857	19.0393	20.0424	17.2832	21.5692	17.77
OR12D3	0	0	0	0	0	0
FGF9	0.1283	0.0567173	0.372308	0.220865	0.204287	0.239853
CASC3	38.606	34.5033	37.3459	37.3721	33.1699	27.6684
ERF	20.305	31.9408	25.3285	34.5485	32.4017	22.9512
LGALS1	593.757	1030.37	841.262	875.312	705.057	911.729
HLA-DPB2	0.468844	0	0.354917	0.0733728	0	0.219123
LOC10050716	0.0413165	0	0.0625536	0.116387	0.0526294	0
SNORA11C	0	0	0	0	0	0
LOC340544	0.626248	1.62945	0.815787	1.14371	1.06376	1.45351
VCPIP1	3.69743	2.63368	3.05343	2.52497	2.9012	2.70856

WNT11	6.73582	11.7678	7.66898	16.2928	8.58016	12.8611
IFIT3	19.3093	18.6997	6.43532	3.79218	7.97763	4.42286
LOC728730	1.16227	1.20478	1.06188	1.27952	1.35288	1.02398
FOLR4	0	0	0	0	0	0
PAPD7	32.0187	34.6767	33.3948	34.8014	33.2279	27.8987
AHRR	1.06281	1.8625	1.34897	0.820403	3.15306	2.1456
SMC5	11.6663	8.96678	10.6779	11.0449	11.7639	9.54995
MFAP1	24.1123	18.0965	19.5002	16.3597	17.4875	19.5366
LIN7C	10.6059	9.16599	10.2581	9.34222	10.5444	8.89076
CECR5-AS1	3.83203	5.16605	1.45847	1.52888	1.3937	1.30267
PPP1R16A	19.931	37.3239	25.4666	36.5705	30.8271	32.2464
LOC154860	0	0	0	0.035534	0.0241024	0.0943285
INHBE	0.124563	0.220261	0.220021	0.272913	0.0793348	0.258741
AGER	16.5871	27.8599	12.8831	23.0464	27.5823	20.6861
BTBD9	3.16807	2.52509	3.55531	3.18451	3.79424	3.23957
LOC1001280	4.95235	17.3458	10.3817	18.4219	16.0135	13.65
GCA	6.74136	6.23121	6.68061	5.0928	6.92832	4.7165
LOC1005069	0	0	0	0	0.243399	0
LOC1006528	0	0	0	0	0	0
UGT1A5	3.44E-08	2.87E-08	2.44E-08	2.39E-08	2.44E-08	2.13E-08
C20orf43	72.1137	76.328	68.2746	74.1165	67.9316	67.3873
MCART3P	0.117983	0.0586761	0.0334927	0.0415441	0.0422685	0.0275708
LBH	39.8463	37.0869	29.0609	35.6334	31.8308	23.3947
MYO3B	0.188722	0.354261	0.378217	0.419513	0.417467	0.515317
USF2	97.4898	130.804	96.6442	127.045	113.913	114.401
MCF2L	9.73937	12.6805	15.0391	12.7965	20.8346	14.7889
C6orf146	0	0	0	0.0422305	0	0
CHIT1	0.926112	0.116973	0.200306	0.0414097	0.561758	0.0274816
SNORD116-1	0	0	0	0	0	0
ZSWIM4	4.56421	3.3826	3.04864	3.80252	4.7452	4.71248
RUNDC1	7.52507	6.14893	6.18114	6.46649	6.40841	6.58308
KIAA1797	6.99375	5.10425	6.85513	6.83032	6.15626	6.07477
NUP50	15.099	14.983	14.8181	13.8608	16.6035	14.4075
CC2D2B	0.462489	0.7549	0.42832	0.590844	0.791186	0.602287
DHX9	27.6253	21.3793	23.8592	21.3233	23.0677	21.9664
MIR1254	0	0	0	0	0	0
LOC729995	0	0	0	0	0	0
UBR3	9.65652	6.65096	10.1258	7.43296	8.63319	7.42163
TBC1D22B	8.13531	9.08769	9.13772	9.48272	9.89626	9.5079
MIR4505	0	0	0	0	0	0
ARID2	5.20026	3.95504	5.64672	4.78845	5.29931	4.84345
WHAMM	5.84568	6.3378	6.04218	6.33836	7.17511	6.43758
NEUROD1	0	0.0298803	0	0	0	0

XRCC5	82.5368	65.6663	77.3624	72.9197	68.3423	65.186
ITIH4	4.02731	7.28116	4.57318	4.28579	6.29665	4.61384
MIR4312	0	0	0	0	0	0
ADAMTS10	6.28581	10.8513	11.2361	8.7457	16.6324	8.62036
GNB1L	3.2734	4.4116	3.37372	6.04462	4.19013	5.39205
GPR20	0.281024	0.745391	0.585026	0.0659693	0.76069	0.218903
HPSE	2.76887	1.41323	2.21731	1.58014	3.03622	2.59673
LOC10028861	7.49447	6.00235	11.3201	8.10476	7.38416	5.47375
MLANA	7.96318	22.43	9.54905	20.5129	14.228	29.6861
LOC10065294	221.022	186.866	12.3879	91.9012	136.614	96.2485
LOC10028915	0	0	0	0	0	0
C9orf21	8.21907	7.58976	6.70581	4.11604	5.23477	4.26815
VTRNA1-1	0	0	0	0	0	0
SSBP3	8.5868	9.57603	10.5627	10.5365	9.78802	10.2152
LEMD1	0	0.677819	0	0.719868	0.12207	0.119435
FN3KRP	30.4072	29.9218	30.7345	34.0364	30.1621	26.8704
COG3	14.1742	9.19877	11.4952	8.89926	12.9043	10.0402
MIR3612	0	0	0	0	0	0
TIMM8B	55.2291	61.7103	44.8534	52.6434	38.2957	48.5875
LOC389634	0.206225	1.27632	1.24891	2.51734	2.49557	1.67064
SPP1	2.77824	1.47258	0.635782	1.37211	1.46158	2.67839
MIR1247	165.301	73.0744	31.2835	77.6076	26.3203	51.5043
SNORD123	0	0	0	0	0	0
NTM	2.05664	3.35001	4.35523	3.08078	4.35855	3.38079
CNFN	171.035	166.401	160.079	227.309	273.865	300.362
LIF	3.31306	5.83637	6.43029	7.4615	7.40916	4.85869
TOP3A	5.25083	6.08538	4.83435	4.64173	5.54368	6.38206
LOC284294	0	0	0	0	0	0
OSMR	9.17192	9.26598	7.81875	5.71787	10.8556	6.14683
TBC1D7	14.3712	15.4302	12.0631	15.6839	12.5025	14.5923
FLJ45256	0	0	0	0	0	0
PCDHB11	0.227759	0.366168	0.435226	0.358544	0.398641	0.280801
RAB3A	2.86922	2.02943	2.76932	4.17594	2.64976	2.14557
SNORD38B	0	0	0	0	0	0
ZNF487P	1.59043	1.66183	1.14924	0.610933	0.92087	0.900992
SERPINA3	24.1521	14.4731	11.7318	28.915	18.9292	74.5143
TMEM74	0.443538	0.348576	0.0746135	0.416475	0.502208	0.337815
MIXL1	0	0	0.144191	0	0	0
KRT12	0	0.0459008	0.0393007	0.0974966	0.165328	0.129407
CENPI	0.314346	0.277925	0.446178	0.147583	0.375392	0.489718
EXOC1	25.3439	22.6817	24.8078	19.6304	25.1051	22.3996
GRWD1	14.4503	20.5291	14.336	16.3519	15.68	15.1876
COX6C	165.888	165.03	141.135	137.246	124.789	123.588

ITGA11	3.23349	1.54854	2.56433	1.80726	1.66716	2.7586
LOC730376	1.80147	4.34385	0.619873	0.922663	0	0.204109
LOC340017	0	0.0691144	0.118353	0.0734019	0.0497879	0.0487132
MPPED1	0.563298	1.31623	1.6143	2.04015	2.12698	0.777266
GP6	1.57724	1.07641	0.513894	0.595399	2.17986	2.30112
SLC9B2	1.93564	2.35961	1.6651	1.92768	2.09205	1.31586
FFAR3	0	0.503119	0.526502	0.17811	0.362432	0.0394009
C14orf178	0	0	0	0	0.140947	0.13791
LOC10050631	0.978453	1.00927	1.08018	0.88047	1.01267	0.812974
DKFZp761E19	7.62552	9.90112	9.79686	7.85581	9.42207	8.79781
LOC399491	20.7052	31.5877	19.4093	29.3392	28.4846	26.4788
OR8S1	0	0	0	0.100118	0	0
TBC1D14	36.5268	34.7852	40.94	39.9308	43.5702	38.2973
C10orf116	366.741	644.004	544.574	428.468	314.047	237.308
KNCN	0	0	0	0	0	0
CORO1B	42.181	44.0609	38.4714	46.6993	42.6865	43.7255
OR1A1	0	0	0	0	0	0
FAM86HP	2.02223	3.01928	3.85412	4.9314	4.35428	3.09377
COQ5	23.2396	24.3287	21.1542	22.3571	21.8541	21.412
CLN6	20.3905	31.5892	20.4661	25.8561	24.3213	24.1933
LOC146513	0	0	0	0	0	0
FBXO16	0.513866	0.757213	0.648332	0.804187	0.654568	1.0674
CCL3L1	0.365241	0	0.0614421	0	0.103388	0.101157
FLJ43663	2.89913	3.009	2.98882	1.61202	2.84713	2.44915
PARP3	14.6075	17.9928	12.1292	13.0668	14.9098	11.4716
AZI2	29.8134	23.6717	23.3587	17.803	22.0019	19.7502
NAA10	68.2967	80.43	60.2829	83.7318	58.8199	72.7419
PRPF4	12.7043	10.7468	11.2525	13.098	11.5426	12.206
CHEK1	3.0799	3.61727	2.58232	2.4246	3.56135	2.988
KATNAL1	2.52618	2.58229	3.53135	2.37204	2.41741	2.24658
ZNF843	0.205239	0.499014	0.271893	0.289074	0.261436	0.255793
SS18	45.4461	42.3012	46.5212	38.5475	53.3129	47.538
FAM188B	2.00245	2.9291	2.42114	2.69603	1.75438	2.57396
NTSR1	0.141335	0.0416531	0.0534956	0.309659	0.270051	0.14679
BCL2A1	1.52471	1.34806	0.599338	1.5591	0.971099	1.45941
PEX2	9.90189	8.64459	10.4539	10.6189	10.4423	9.0627
LOC10065279	21.1958	50.7982	30.2992	63.6667	35.0574	35.8136
PSMD10	29.534	28.9996	28.4515	25.2601	26.3251	22.8788
TOPBP1	8.93753	8.23589	9.21614	7.00757	9.11695	8.4719
TMEM101	29.2625	27.7816	23.2594	32.1873	28.4443	26.7883
FBXL22	2.18126	0.995371	1.49143	1.12319	1.16518	1.09618
FAM114A1	18.7299	15.8536	19.0649	18.044	14.1634	13.858
LOC10050764	102.787	72.968	113.938	697.805	135.38	131.016

LOC150935	0	0	0	0	0	0.0714812
CXorf36	7.02094	10.0579	10.6483	7.05619	7.91171	6.55976
LOC253044	0	0.054194	0	0	0	0.038197
CHD2	17.5911	15.0703	18.4939	15.7689	20.1491	16.3221
ITGA2B	0.295817	0.889244	0.179148	0.694418	0.433337	0.368681
PPP4R1L	1.26788	0.82205	1.75962	1.34925	1.64195	1.21147
LYL1	2.93235	6.01482	3.72927	2.80849	4.85583	4.16627
ISX	0.145621	0.154499	0.198424	0.136736	0.129845	0.018149
GDPD5	10.7262	8.54615	11.1648	8.25651	10.7439	8.62721
LOC284578	2.57706	3	2.24348	6.45286	1.9149	2.24828
PRDX5	174.96	214.061	150.681	221.809	145.096	159.345
ALPK3	4.52666	4.31474	4.96057	1.61923	2.35587	1.50981
ERLEC1	26.0271	20.1625	23.2176	17.4478	18.6506	18.0442
VSTM5	0	0.63007	0.179824	0.223052	0	0.444086
LOC441495	0	0	0	0	0	0.0264153
ZNF230	1.57824	1.77026	1.83668	0.906859	2.1154	1.57065
PP7080	25.055	33.842	21.2519	27.7213	31.5693	22.009
C15orf27	0.549162	1.90479	1.43903	0.713983	2.26002	1.42151
CCL28	14.2683	4.3407	9.29137	7.77934	9.47845	7.96726
HNRNPA3P1	1.78526	1.51997	1.1763	1.24182	1.49487	1.25669
ODAM	0	0	0	0	0	0
MIR3118-4	0	0	0	0	0	0
SLC15A5	0.0681411	0	0.232124	0.0639834	0.0216997	0
LOC10050753	0.812194	0.718091	2.45934	0.381319	1.6812	1.51837
CHST10	2.44729	2.90559	2.69952	2.33079	2.51617	1.78648
ANGPTL1	5.34595	4.50614	6.50022	2.15876	3.66949	3.15876
ASB9P1	0.0327122	0.173532	0.202234	0.0614325	0.375022	0.122309
FLJ16341	0.0619128	0.109479	0.0937366	0.0581351	0.0394326	0.154326
ZC3H3	7.97501	10.7363	7.32973	8.57301	10.2546	9.23212
AKNAD1	0.0976336	0.172643	0.0492728	0.213912	0.0414556	0.0405608
PLIN2	211.649	200.142	159.895	168.123	118.748	166.603
TFEB	10.801	15.0073	11.4326	16.1139	10.7214	9.52846
PDLIM2	50.2557	63.2978	64.0803	71.2188	77.9698	68.5888
LOC728637	0	0	0	0	0	0
FAM184B	1.3181	1.90495	1.89968	2.30874	2.38937	1.57959
PGAM5	22.7097	19.8446	16.5061	21.8059	16.2322	16.244
LOC10012950	29.9559	27.9497	25.1848	23.5913	26.4645	24.5169
IFNA5	0.190083	0	0	0	0	0
CXCR7	15.4412	17.5404	22.3424	11.746	13.2269	11.4189
USP24	10.4068	8.72322	10.8273	8.71603	9.45367	7.18026
LOC10050673	1.99857	2.45721	2.11109	2.41754	3.47342	1.8646
LOC10050731	1.3073	0	0	0.613765	0.416312	0.814652
SPTBN1	55.0853	49.0879	70.2076	47.2606	50.1878	39.25

PGK2	0	0	0	0	0	0
LOC283875	0.0306935	0.108549	0.278822	0.115283	0.293233	0.172142
FMO5	22.4039	8.33331	11.7459	14.1328	9.60683	9.46415
RAB11FIP4	5.63957	5.96592	6.2875	6.46995	6.99507	5.62705
OR10H4	0	0	0	0	0	0
RGNEF	6.31219	5.40507	8.24443	8.06805	9.24199	7.7864
RSAD1	19.1872	28.2854	21.3744	25.261	24.9297	21.522
MOSPD1	12.9154	11.1906	11.4717	12.5316	9.81621	12.6895
HEY1	5.68325	6.07537	4.067	3.96087	3.53487	3.29257
RNASE10	0	0	0	0	0.134656	0.131749
PLAC8L1	0.903867	1.91794	1.23162	1.69743	1.38163	1.5771
PSMA2	86.5668	80.5137	69.3459	65.6372	60.4417	60.3317
C3orf19	8.70535	9.95522	9.82139	8.42667	10.1685	8.35713
MIR562	0	0	0	0	0	0
TTY20	0	0	0	0	0	0
RAD51AP2	0.109385	0.145067	0.227714	0.231099	0.313506	0.17041
KDM4A	13.5759	12.8347	15.0472	15.0836	17.4135	15.5999
LOC10065297	1.84274	0.842708	1.92409	0.984484	1.67954	1.4057
MIR34B	0	0	0	0	0	0
ABHD11-AS1	0.357023	0.315657	0.540537	1.34096	0.68217	0
PPBP	0.337874	0.821498	0	0.71383	0.537984	0.210549
LOC10050647	3.20184	2.89826	2.3661	2.21906	3.44733	2.23278
RNF148	0	0	0.064237	0	0	0
PACRG	1.72212	1.14374	1.11889	0.813714	1.00291	0.80613
MRGPRX2	2.48243	2.41877	4.60216	1.99797	5.19496	3.63059
TMPRSS11D	1.61674	0.794124	0.244777	0	0.389003	0.335829
RTEL1	3.54026	6.79179	5.15626	5.32537	7.63304	6.5368
IGF2R	13.9929	10.7356	13.717	10.8939	13.2689	11.7128
ABR	28.8065	29.4173	29.6746	29.183	39.4331	32.8457
BSPH1	0	0	0	0	0	0
MRPL39	28.9351	21.9146	20.2935	15.4831	16.4865	19.4895
GRID2IP	0.208896	0.221631	0.189762	0.35307	0.492273	0.429577
FGF2	6.67624	7.21134	5.61125	3.79372	3.67113	2.36279
NCL	198.536	175.044	173.602	174.557	165.796	147.985
LOC10050708	0.434762	0.384419	0.234967	0.116802	0.0793544	0.116324
DNMBP	7.90392	7.96688	10.0612	8.5868	9.45378	9.13865
SLC9A7P1	0.238797	0.0527822	0.158174	0.169571	0.28517	0.167409
MAGT1	25.72	20.164	24.3832	21.9155	21.9268	20.4495
SLC25A40	7.33023	6.01983	7.14876	6.94279	8.25143	6.0697
LOC151760	0	0.117821	0	0	0	0
KIAA1524	0.826017	0.704646	0.79294	0.684213	1.05872	0.709498
YTHDF1	21.2288	22.0182	20.3695	22.7282	21.1999	18.6983
ZDHHC16	16.6349	15.6099	12.2932	16.173	16.1413	17.5938

HTA	0	0	0	0	0	0
RRAS	53.0762	85.2535	64.7226	69.006	60.9807	49.5374
SPERT	0.0659858	0.116681	0.0999032	0.123919	0	0
FDPS	461.964	351.336	250.804	306.791	273.164	352.989
KLHL28	3.21846	2.56229	3.75932	2.01016	3.77507	3.26705
CREB3L3	0	0	0	0	0	0
PPIL3	23.6323	23.8385	16.0057	15.209	23.4315	22.3542
FANCE	7.33353	8.26168	8.14821	10.181	10.4213	10.6141
FBXO21	13.8893	11.1058	13.9603	13.3524	12.8849	10.3809
PKD2	10.111	10.2477	10.239	9.74346	9.87108	10.19
NTNG1	0.545749	0.632069	0.592466	0.2604	0.520052	0.235122
OR2T27	0	0	0	0	0	0
GIMAP5	13.3621	12.0316	8.97766	7.53214	9.47045	6.6296
KLK3	0	0	0	0.0512268	0	0.0513213
MIR651	0	0	0	0	0	0
KCNAB1	5.33306	3.91413	2.68915	2.0702	2.30094	1.99526
NFKBIB	14.5375	16.4135	15.2197	14.9092	15.5709	16.7902
ANGPTL6	0.277273	0.222887	0.319463	0.30635	0.139952	0.47551
MIR548Q	0	0	0	0	0	0
LOC388849	1.56607	1.97803	2.54041	1.05037	2.56484	0.697077
H1F0	154.855	129.007	129.939	142.293	144.052	148.364
MIR548O	0	0	0	0	0	0
OR51B4	0	0	0.0972287	0	0	0
TMED8	0.362605	0.53432	1.64696	0.453973	1.46265	0.45192
CEP19	1.47042	2.09686	1.18493	1.02439	1.7824	2.15774
UGGT1	6.92543	5.55165	6.28806	5.41223	5.8014	5.71427
SCOC	51.6055	37.9582	39.6741	23.8333	31.5103	33.8574
USP17L5	0	0	0	0	0	0
WDR73	14.4004	17.6556	15.4576	13.4162	19.7048	20.039
MTHFD1L	3.0903	1.82578	2.37107	1.74515	2.51348	2.24751
NUBPL	9.08217	7.79629	9.36425	8.16678	7.57712	6.60972
SPANXN3	0	0	0	0	0	0
LOC10050739	4.63418	7.77065	5.56457	7.9526	5.90307	5.47691
SIX4	1.40083	0.807733	1.01433	0.557596	0.329724	0.313193
GDI2	98.7878	94.7422	88.978	88.7069	92.1684	81.3662
HSPC072	0.162561	2.81E-09	0.0628486	2.72E-10	1.13E-10	0.108724
KRTAP13-2	0.581773	1.02873	0	4.3702	0.555801	36.4349
PIM3	55.6368	76.4433	55.3819	63.4111	63.7023	54.0382
P4HB	316.099	314.893	314.008	361.117	284.656	306.686
KIFC1	3.59269	5.04299	3.44867	4.48638	4.69435	6.00093
MIR3917	0	0	0	0	0	0
AP4M1	10.9225	14.1924	12.0027	14.5162	15.5116	15.986
LINC00200	0.0415771	0	0	0	0	0



MAPKAPK5	13.9901	13.8604	14.0129	12.8147	12.5002	10.6202
C5orf63	2.51019	2.29934	4.08712	2.72998	2.17482	3.26679
TLR2	5.0937	3.68471	5.56485	4.75573	6.96767	4.4186
UBE2M	21.5641	27.913	21.4987	31.4973	20.4218	21.1228
C1orf38	6.82207	7.95976	5.02536	4.03656	8.18972	4.98834
SMURF1	11.3893	12.0108	14.3178	14.4986	14.7667	12.3381
CHST15	6.22172	5.76142	6.69384	4.42166	7.82997	5.91578
CT47A8	0	0	0	0	0	0
TDRD9	0.324536	0.233134	0.276385	0.0380917	0.400478	0.442393
TBC1D20	23.3228	24.7947	24.5234	25.005	24.9422	21.8911
FAM95B1	2.36173	4.85175	0.736171	0.978366	4.5126	2.85689
CST6	1203.12	1083.58	2164.73	1806.11	2223.72	4245.47
LOC10050625	0	0	0.269227	0.333947	0.453027	0.221624
TCTE3	0.346609	0.459674	0.393577	0.48819	0.441514	0.755972
LOC646999	0.27056	0.205039	0.585187	0.435517	0.418494	0.168601
CHMP6	19.1629	27.7499	19.3258	26.841	20.6389	23.6053
DNAH6	0.0366755	0.084308	0.0888434	0.0482128	0.0934353	0.0548511
PCDHAC2	0.0856117	1.65E-19	5.04E-27	6.75E-35	8.33E-61	5.73E-33
RDX	16.5329	12.4991	14.2474	10.6601	10.4749	9.37454
LOC10050567	1.47378	1.03868	0.745355	0.86568	3.19E-08	3.40E-06
OPRK1	0.0583494	0	0.235578	0.109578	0.123877	0.109083
FAM24B	2.20044	4.27335	3.02621	4.21193	4.55752	3.76262
LRRC24	0.435551	0.502663	0.828643	1.17411	1.21007	2.07167
IL18	43.6369	55.9425	75.3011	90.3299	88.4942	114.766
MESDC2	12.0718	11.6655	10.8031	10.1738	10.2418	10.3776
GTDC1	8.20969	7.19302	7.87006	6.15989	6.23054	5.69142
DAZ2	0.949226	0.375194	0	0	0	0
VPS36	35.0613	33.5386	41.5801	35.0632	42.8599	37.3436
FGF23	0	0	0	0	0	0.0205119
61E3.4	37.3328	52.7848	34.6744	50.4145	50.8908	47.4367
ZNF660	0.556326	0.245934	0.421142	0.174127	0.177163	0.260009
MOAP1	14.79	14.0395	18.047	15.0678	16.8917	13.9161
ADPGK	23.9437	31.0064	26.1873	26.544	32.9682	27.0983
KIAA1586	1.96158	2.3124	2.37067	2.1004	2.69594	2.12307
SLC30A8	0.183146	0.52828	0	0.205517	0.334529	0.399316
LOC170425	0	0	0.0282763	0.0701475	0.0237902	0.0232767
RSL24D1	51.8418	71.573	62.3361	62.2426	64.0752	49.2124
SORT1	25.0244	20.0334	23.7105	22.6735	17.5448	21.4166
OR6F1	0	0	0	0	0	0
LOC440461	1.4858	1.54211	1.41817	2.54765	1.27547	1.52973
TMEM110	9.20017	8.52525	10.2129	8.88513	8.88364	7.51941
FLJ41484	0.0285918	0.227511	0.216441	0.268472	1.03798	0.605784
MIER3	6.99523	5.12122	6.75237	5.03925	7.18977	6.28499

CERS2	42.1951	35.0571	33.256	34.0429	30.8724	25.5522
DAPK3	18.1095	31.5911	21.1363	31.4883	24.9646	26.7983
NF2	8.47967	10.6271	8.35964	10.753	8.88259	10.2684
CLRN1-AS1	0	0	0	0	0.0321082	0
OR2T3	0	0	0	0	0	0
MIR4653	0	0	0	0	0	0
PFN1	710.392	868.246	583.754	749.678	646.489	627.293
MIR720	0	0	0	0	0	0
GSG1L	0.0960465	0.0188706	0.100983	0.125259	0.084962	0.0532018
RAB31	14.8449	14.9598	9.33389	8.09292	10.6211	6.83151
BTBD17	0	0	0.047733	0	0.0401601	0.0392932
LOC10050624	0	0	0	0	0	0
CA6	70.2747	52.821	69.6403	98.4793	35.0192	74.0666
ZXDB	3.48546	2.23984	3.44938	2.41071	3.66015	2.41567
KRTAP4-7	14.7959	5.18816	0.482784	146.916	1.54352	1488.77
FLJ41200	3.18735	0.810674	0.628	1.63993	1.22359	1.38777
LOC10028816	0	0	0.360986	0	0.303715	0
MIR4327	0	0	0	0	0	0
PCDHGC4	0.120721	0.0357604	0.27402	0.113621	0.128081	0.100825
TMEM144	3.95464	2.60262	3.30881	4.10423	3.21944	2.57554
C1orf187	0.177634	0	0.0896467	0.0555985	0.0754241	0.110694
POTEA	0	0	0	0	0	0
SAMD12	0.971169	0.499768	0.573137	0.710915	0.77153	0.471799
METTL23	24.6993	26.2337	25.8332	27.8896	24.7377	25.4048
RP11-165H2C	0	0	0.0269873	0	0	0
MIR577	0	0	0	0	0	0
SLC30A5	20.125	18.337	19.5935	14.4874	15.3971	15.6714
WT1-AS	0	0	0	0	0	0.0268779
LOC10050569	1.33129	1.28405	0.732943	1.02278	1.23332	0.452512
AP1M1	19.3572	22.1077	21.1154	22.7505	20.2091	18.4565
CHN1	4.30868	6.17469	4.36077	3.36244	4.5111	3.19298
ZNF570	1.72529	0.842982	0.893617	0.895276	1.21452	0.707322
DDX20	5.05303	5.28177	5.07008	4.50773	5.48418	4.45548
SMO	11.0521	16.3246	16.8123	18.8373	21.6012	17.9198
DUSP12	13.2022	15.1428	12.4927	12.8155	14.2605	11.0065
LOC10050649	3.68298	2.80274	3.14092	2.97661	3.80055	3.65083
ARHGDI1A	142.483	187.328	139.272	179.982	148.689	148.889
LINC00028	0.4955	0.219045	0	0	0	0
H2BFWT	0	0	0.103265	0	0	0
LOC10065300	1.83967	4.74396	0	0.00146031	0	0
GNG13	0	0.106031	0	0	0.0763814	0
MIR941-2	0	156.132	0	0	0	0
PDGFRB	29.6328	27.9204	37.9798	22.1684	30.9603	22.2407

MT1JP	0	0.42161	0	0	0.60743	0
RALY	88.206	111.088	84.9375	110.738	92.2397	94.7007
KLHDC8B	46.2316	57.1882	51.2534	59.5123	44.4499	43.5878
DPYS	0.0967048	0.0427501	0.036603	0.136206	0.0307959	0
FAM108A4	2.67328	4.24155	3.54553	5.22355	5.18003	4.59823
NECAP2	33.2487	38.8364	30.5191	32.774	38.2039	33.5322
TNMD	3.745	2.37535	6.9642	6.49787	5.65191	4.81965
UBE2G2	47.4433	55.6615	44.7117	52.4667	45.991	45.4233
LOC10050649	0.0345424	0.0610805	0.287637	0.324348	0.176002	0.344406
EPN1	48.541	62.6989	49.6302	62.8534	58.2286	64.6538
SLC16A8	1.59152	1.50417	1.24633	1.49441	1.85253	1.50475
IL18BP	10.5986	12.2953	9.61276	6.70982	11.0051	5.90811
APOC2	1.63993	0.991161	1.3748	0.740644	2.86098	1.78839
PSMA7	177.49	180.57	150.975	141.849	130.841	144.309
C1orf159	9.8654	19.431	10.241	18.0683	21.9294	17.9562
NXP4	16.8364	18.6841	27.0287	35.5432	26.771	36.9019
MARK4	13.1655	13.5032	12.6909	16.7798	14.2524	16.8459
SNORA23	0	0	0	0	0	0
LOC10050561	0	0.292707	0	0.155432	0.527143	0.206306
CXorf49B	0.0187964	0.155799	0.151776	0.0941307	0.0997627	0.095657
YAF2	3.88686	3.8079	3.56598	3.21435	3.18653	2.71682
LOC10065291	0	0	0	0	0	0.0342396
C16orf54	1.50993	0.787301	1.26026	0.36354	1.70144	0.627285
MIRLET7BHG	8.23907	17.3957	10.4416	14.1304	13.9281	12.7981
CCDC142	3.07079	3.14923	2.78156	3.3036	3.10899	3.12629
LOC619207	1.22107	1.18407	1.75926	1.64588	1.96936	1.36229
ZFP90	8.52085	7.69014	8.41056	8.27111	9.50074	8.06819
MFSD2A	13.1256	27.5003	37.6994	25.2448	20.8237	19.3407
STAC3	2.3256	2.51307	2.24952	2.12304	3.74411	3.42176
SELRC1	6.26701	4.12346	3.82475	5.61092	3.92961	3.17876
DHX38	19.8682	23.154	24.1669	22.8366	27.9487	23.3848
KLHL26	3.23734	3.53572	3.91629	4.3213	3.53754	3.22384
GLIS1	0.461135	0.78405	0.88613	0.999227	1.85256	0.862079
FOXJ3	17.1737	16.0935	19.1108	18.5202	17.8873	14.3687
CLCF1	1.67069	2.1644	2.2578	1.7055	1.91471	1.66147
SEC61A1	84.4449	84.3661	79.6054	83.5217	79.3153	81.48
LOC10050691	1.03899	1.14071	0.762622	0.857748	0.74672	0.986494
MIR181D	0	0	0	0	0	0
NCAPH2	30.0742	45.6039	27.26	30.1519	34.0559	31.2791
LOC646543	2.00761	3.66834	4.35669	3.64456	5.54086	4.83743
LOC286238	0	0	0	0	0	0
MIR657	0	0	0	0	0	0
ZNF135	5.64847	4.801	6.11102	4.6287	6.61586	7.90319

PPP1R3G	1.33433	1.71597	1.60697	1.48072	2.08597	1.32284
USP14	18.9173	16.7145	17.936	17.4683	13.0177	11.8334
TCIRG1	23.3722	42.7994	23.6979	29.0006	37.5778	27.1315
LOC10065284	16.9691	12.8979	12.5533	12.6482	11.7192	12.1699
HERC2P9	21.6114	26.5103	19.749	19.6872	28.5007	26.9176
MEA1	73.1162	88.3321	73.5545	79.9438	65.3501	71.2353
PIWIL2	0.379836	0.549586	0.552072	0.432212	0.721894	0.38736
LBP	2.06535	0.152171	0.30401	0.0538702	0	0.071502
CHST2	4.37176	6.20168	6.02616	13.0503	7.9584	26.3484
SLC7A13	0	0	0	0.0524994	0	0
BOLA2	13.3121	17.6413	10.3644	15.2584	11.0295	11.0924
LY6H	0.129882	0.516759	0.393291	0.121957	0.0827228	0.0809372
CHRND	0	0.0534484	0	0	0.0770052	0
S100G	0	0	0.292936	0	0	0
UTRN	10.273	7.94738	11.2991	7.90134	9.63156	7.8044
HSBP1	50.9705	47.7902	41.5017	45.2762	41.9991	44.0424
SNORD29	0	0	0	0	0	0
LOX	10.3533	4.13802	18.9177	4.64299	8.98317	7.07127
UBA52	103.85	161.804	114.221	179.539	119.449	113.277
LOC10050611	0	0.0755802	0	0	0	0.0532705
ROD1	19.1721	15.6146	18.5819	14.1467	17.1989	16.5328
ZFAND1	29.9596	25.9711	23.3893	24.1527	26.0168	20.7878
FAM55D	0	0.0418725	0	0.0583699	0	0
RAD51D	2.8973	4.00167	4.02523	5.16463	3.85459	2.95899
LOC10050551	0.119642	0.0423119	0.126797	0	0.152401	0.0596446
C4orf48	4.69321	9.72525	4.43315	12.7049	6.20031	6.59182
HSD11B1	87.9471	53.3886	60.9676	51.4131	36.1	38.7374
LOC10050581	6.68442	5.7746	7.26188	7.09108	7.83221	6.9954
CASC5	0.300154	0.298427	0.189516	0.398886	0.413579	0.46686
LOC404266	1.87E-08	2.12E-07	1.52E-06	0.463217	1.09287	0.287435
RPL36A-HNRI	52.3764	42.9833	47.4412	39.4453	43.2666	42.2054
LOC541471	7.58802	9.19743	6.25018	11.6051	5.53112	3.22468
NANOG	0.489942	0.303223	0.0370889	0.0920096	0.156023	0.519029
WDR16	0.208014	0.0459781	0.0393668	0	0.132485	0
MFSD11	14.2606	13.2675	11.04	12.1303	11.0062	10.109
PLAGL2	6.64772	6.73213	6.43167	7.2453	8.05751	8.0421
LOC10050651	0.101913	0.36042	0.462893	0.669863	0.584181	0.762095
PLK5	0.269276	0.333307	0.366918	0.606829	0.308706	0.234922
LOC285577	0	0	0	0	0	0
MIR4748	0	0	0	0	0	0
KCNK4	0.115676	0.255684	0.131352	0.0543092	0.073675	0.216254
LOC145820	0.545482	0.414362	0.183254	0.404102	0.177616	0.220676
LOC10050691	1.05647	1.5879	1.03968	2.77762	0.471009	0.592511

C16orf90	0	0.118334	0	0	0.085244	0
DERL3	0.644046	1.32316	0.732623	0.605268	2.17812	0.882404
EFNA1	54.8294	81.6798	55.9273	84.3746	87.3245	86.1204
ZBTB4	25.1705	25.6969	29.8939	27.9985	27.4461	23.2752
LOC10050582	0	0	0	0	0	0
TFF3	8.90397	4.47071	4.32714	3.61264	7.35128	5.20607
ABCG2	0.56902	0.503092	0.530155	0.472651	0.696946	0.422779
CNN3	96.3427	53.849	69.2721	70.4807	69.7416	59.695
MAGEE1	1.61453	0.982847	1.42257	1.16808	1.56774	1.41845
STK38	28.1383	26.747	28.512	32.6079	33.9371	31.9215
OR2M4	0	0	0	0	0	0
HMHB1	0	0.480865	0	0	0	0
LOC10050663	0.197825	0	0	0	0	0
NUDT18	6.21565	8.55548	7.75303	11.7391	7.91757	9.41924
RRP36	43.7717	41.9828	34.3928	44.4955	30.5543	32.452
LOC10050692	0.259599	0.459042	0.589553	1.70631	0.992039	0
MIR514-1	0	0	0	0	0	0
C1orf51	17.7614	32.4219	16.9365	26.7184	17.4303	17.6564
ARAP1-AS2	0.322476	0.13707	0.205356	0.0996734	0.440687	0.260419
THBS1	29.4937	14.4723	12.2034	31.6882	21.7468	17.7295
ATP5SL	29.8298	34.4601	27.1298	35.4832	27.952	31.2277
SNORA70F	0	0	0	41.0907	0	0
TAS1R2	0	0.141493	0.0302869	0	0.0254818	0
TBX19	3.00817	3.25414	2.25041	2.82463	3.65152	3.2419
ZBTB3	2.47462	2.12877	2.22771	2.85744	3.2161	2.50067
SPIN1	26.3138	18.4685	25.8535	23.2442	25.0574	23.0259
SNHG12	37.1311	56.1207	26.9587	27.3278	39.6958	33.1359
ZNF502	3.83938	4.27757	4.0916	4.39639	5.32756	3.96797
OR9K2	0	0	0	0	0	0
TMLHE	5.42838	4.10744	5.90378	5.49692	5.01608	4.74871
PTPRG	2.2797	1.34357	2.33253	1.15768	1.65862	0.946545
PRODH	34.2838	44.6648	38.5682	37.8155	53.9266	37.4276
DDX43	1.07843	1.44666	0.197057	0.20951	0.0947391	0.231735
SLC22A14	0.104716	0	0.0396352	0.0491632	0.100041	0.0652544
LOC10013208	2.31993	2.0493	5.26792	3.04762	8.86341	4.04445
HCG22	0	0.0448654	0.089633	0	0.0646394	0.0210814
LPCAT3	94.5625	74.9087	49.7132	61.7055	53.2564	62.8485
RNF19B	14.6182	17.5283	11.6683	12.4488	13.6247	15.6079
APOL4	1.56339	1.84237	4.41383	2.67562	5.11212	3.63348
PARP10	25.6993	39.6641	21.2942	21.2197	32.1015	22.3103
PSMB8	94.5061	119.94	56.3585	50.0667	81.9622	50.6489
SLC15A2	2.12364	0.735583	0.977946	0.947285	1.14953	1.76592
LOC10013028	0.191265	0.338208	0	0.179594	0.121817	0.238376

QTRT1	41.298	82.5735	48.1942	71.0546	59.3785	56.6927
TMEM189	52.6891	58.1322	47.3067	58.9492	43.4655	51.48
TICAM1	5.7849	9.31127	7.38288	9.36659	9.73068	8.0417
DERA	20.9076	19.6743	18.6502	21.4689	17.2877	20.0384
OTOP1	0.223103	0.197253	0.548892	0.680842	0.177619	0.382327
LOC10050628	0.394436	0.412142	0.570036	0.471379	0.59379	0.469247
CES5A	0.20399	0.187367	0.277961	0.255392	0.233862	0.290557
C3orf70	2.90478	2.29562	2.00238	2.89516	2.33584	1.85059
MIR4793	0	0	0	0	0	0
TMED6	0.890395	0.787231	0.770325	1.91101	0.729126	0.15853
RHBDD1	6.23844	5.30469	5.64013	6.43647	4.9361	5.22772
LOC148824	0.0543307	0	0	0	0.138414	0.152355
NHP2	70.6109	92.887	72.6427	85.28	75.3781	77.3546
SCRT1	0.0276494	0	0.0209308	0.0778871	0.0704403	0.0172299
TAS2R14	2.12145	2.09632	2.36169	2.10918	4.13297	3.26611
FLJ44313	0.0495466	0	0.112521	0	0.0631131	0.123501
PROX1	0.354861	0	0.293053	0.0908752	0.36984	0.0402063
SH3GL1P1	0.89147	0.954198	1.52051	1.19006	1.58795	1.8308
THOC3	9.89438	11.428	9.56833	11.2778	10.2723	10.6208
FABP2	0	0	0	0	0	0.0282651
ZFP30	3.3583	2.52381	3.22548	2.46358	3.30195	2.81213
BIVM-ERCC5	3.21185	4.26	2.90351	0.79066	4.35695	2.42334
ZSWIM2	0.0413535	0	0.0313048	0	0	0
BMP5	0.282852	0.33344	0.142747	0.354125	0.06005	0.0881308
FMR1	15.7375	16.2609	16.7456	12.2886	16.9813	13.7748
CADM4	15.6663	14.5583	14.5305	21.1158	18.3978	18.6163
JARID2	10.208	8.14184	10.7781	9.63201	10.1076	10.3979
ZNRF2P1	0.253588	0.448413	0.345541	0.428607	0.16353	0.284445
RAPGEF1	14.6027	15.8436	15.4719	12.9151	13.6359	11.8721
CLCNKB	0.56119	0.706415	0.537472	0.784132	0.428841	0.420433
ZNF19	1.09488	1.16163	0.966969	0.993806	1.2552	1.18262
SLC12A8	9.87142	6.81025	2.95899	4.28643	6.087	4.99585
SUN3	0	0.286655	0	0	0	0
RAB27B	13.8382	9.84316	12.2558	8.64128	11.2464	11.1985
LOC10050705	1.17145	1.08317	1.43262	0.9209	0.811434	0.791243
MIR4520B	0	0	0	0	0	0
C9orf84	0.985173	0.66845	0.366122	0.355531	0.841571	0.575678
OR51T1	0	0	0	0	0	0
ZBTB34	4.11294	3.48221	4.55475	3.32977	4.45231	4.17508
OR4C13	0	0	0	0	0	0
MIR4763	0	0	0	0	0	0
DDB1	62.4547	52.1524	60.3484	54.7882	56.1671	53.3538
ID3	31.8065	37.8497	43.1446	48.8346	29.7296	40.8194

RNY1	0	0	0	267.88	0	0
CLPB	3.11682	3.43056	2.35945	2.03073	2.28896	2.67557
LOC10050728	1.33624	0.886067	0.395135	0.313678	0.643615	0.104086
PAFAH2	16.2962	12.2567	14.0252	12.8283	10.357	13.5837
KCTD18	9.24325	8.771	8.25309	6.70815	8.7767	8.54505
LOC10050600	0	0	0	0	0	0
MIR3127	0	0	0	0	0	0
RNU105C	0	0	0	0	0	0
AGPAT1	185.749	172.314	110.315	117.45	109.287	126.962
SHH	0.0677791	0	0.0513091	0.19093	0.0431689	0.126711
PP2672	0	0	0	0	0.0528661	0.0258625
MIR188	0	0	0	0	0	0
RPS9	1011.77	1783.03	1258.61	2177.33	1289.63	1210.15
ADAM9	15.869	9.61831	13.775	8.96725	12.0495	10.5847
WDFY4	0.57448	0.84098	1.03374	0.371409	1.44556	0.715983
MSL3	16.2603	21.0264	17.7394	14.2049	22.2545	18.7187
CHDH	6.29031	3.92576	2.74103	3.99557	3.65283	4.34807
ABLIM1	58.5303	44.7966	72.8899	57.5362	72.1211	72.0675
NRN1L	1.76413	6.62887	4.50717	6.4189	5.05613	3.57283
LOC10050692	0	0	0	0	0	0
FAM134B	15.9734	15.1232	16.1895	13.3517	7.95103	9.65191
FBXO44	17.7598	30.9489	21.4335	28.0021	30.5604	25.1238
BHLHA15	0.751048	0.664029	0.568548	0	0.239173	0.117005
KCTD20	18.039	15.1507	20.7234	15.8921	17.2276	16.5206
OR5H2	0	0	0	0	0	0
KCNH6	0.0329277	0.0291125	0.0997057	0.0309185	0.0838873	0.0956473
TLE2	20.464	25.1316	24.5196	33.6116	28.4182	26.0434
LOC10050629	0.129019	0	0.0976684	0.43678	0	0.351623
MEF2BNB	15.315	17.3284	11.8767	16.3264	12.2972	12.7389
DNAI1	0.0800176	0.0353733	0.121148	0	0.0764455	0
C5orf20	1.45348	1.08952	0.932855	0.593388	2.65644	0.886056
KIAA0754	0.368327	0.120612	0.557651	0.294615	0.28672	0.263529
FAM171B	0.690201	0.537004	1.10767	0.4407	1.60012	1.39354
KCNF1	0	0.0786585	0.033674	0	0	0
C6orf26	5.74371	16.8008	15.1475	20.2507	15.9797	14.4729
HTR2A	0.251889	0.0312658	0.10708	0.0332053	0.140769	0.077257
CYP7A1	0	0.0919995	0.0787708	0.0977067	0.0662737	0.0432288
HLTF	8.08152	5.35171	6.64051	4.75676	7.331	5.0744
ZGLP1	1.93395	4.20537	1.78055	3.14129	3.76181	3.35489
LOC10030692	0.0982403	0	0	0.0409983	0.0625698	0.0850267
HSD17B13	4.48641	6.33588	3.6523	2.79995	2.34534	3.17399
LOC10050762	0.901631	2.15235	1.02381	1.35459	0.976231	0.786601
CDC42EP1	44.022	65.8736	43.7165	59.0704	47.6644	44.3937

ARHGAP22	1.78407	2.38214	2.34279	2.94017	2.45809	2.49578
C11orf61	10.1437	14.2034	9.5899	12.4124	12.5704	11.3838
SPIRE1	13.0329	8.51695	10.5237	11.7233	10.009	9.54579
MEGF11	0.161908	0.186094	0.232874	0.349667	0.371233	0.494382
BHLHE23	0	0	0	0	0	0.136514
MIR3617	0	0	0	0	0	0
PA2G4	32.6033	37.8592	30.88	37.4769	31.2697	34.8393
IPO4	14.9033	17.3432	13.9659	16.3763	16.0887	16.1336
CYCS	35.7088	24.6288	25.8377	25.7498	20.9104	22.5439
PKN1	14.1144	22.8095	18.2798	15.6644	18.5175	13.1531
ZNF831	0.311297	0.21308	0.129229	0.0660038	0.409324	0.137668
GDPD2	5.48107	15.5262	10.4657	21.279	12.4018	10.6331
VAC14	13.6747	16.8754	14.158	14.6145	13.7475	14.9475
CYFIP1	40.5896	32.1836	36.0617	33.0306	49.3108	51.1214
6-Mar	23.592	20.1534	27.5675	20.3591	26.028	22.1962
VHLL	0	0	0	0	0	0
GJD4	0	0	0.0511588	0.126914	0.0430424	0.210567
MIR4507	0	0	0	0	0	0
KIAA1324L	2.03163	1.49893	2.04653	1.60184	1.67181	1.40466
OR5A2	0	0	0	0	0	0
MGC12916	0.412082	0.500964	0.623897	0.193469	0.164036	0.353089
SRSF6	89.1125	91.6775	85.0311	78.9921	95.8924	91.4322
GDI1	51.7486	66.7754	60.8415	67.4006	75.0545	68.4277
CRSP8P	5.06676	5.47486	5.41833	3.70052	5.01954	5.01154
MIR15A	0	0	0	0	0	0
ACOXL	0	0	0.129454	0	0.0544581	0.133206
GPR126	6.14985	5.03549	7.87284	5.42331	7.13646	6.8875
SENP5	9.67697	8.99761	9.19416	9.3567	10.195	9.05957
STEAP2	3.96997	3.04167	4.98988	4.01704	4.21708	3.45749
PTGFRN	18.4078	15.6712	16.4257	17.955	15.4903	17.5353
C9orf148	0	0	0	0	0	0.0666742
CSTB	1064.56	1093.92	752.533	851.047	645.335	731.381
SOX9	57.5431	33.6834	39.7677	51.9127	37.9923	62.0104
RPH3A	0	0	0	0	0	0
RPL7L1	15.3441	10.4376	14.0967	9.45095	14.2435	12.2911
LOC1005057:	2.69671	2.0759	1.47168	1.74463	1.63002	1.71223
GPR34	3.55528	1.52528	5.37315	1.64222	3.15604	1.91354
RP1L1	0.522998	0.294256	0.305932	0.290188	0.302818	0.296282
MBTPS2	5.07372	3.40699	4.06772	2.57304	3.17694	2.88158
CKAP4	41.3404	39.4712	39.3167	42.8718	34.5789	40.7824
PSMD5	21.7574	15.3275	17.4393	17.0158	16.3028	14.1202
AZGP1P1	3.24634	1.51952	2.81937	3.22821	5.10822	4.22468
LOC1005055:	461.91	748.717	641.058	1024.07	682.364	551.698



PP12719	0.862002	0.508085	1.16007	0.539604	1.46404	1.37275
BTN3A2	28.9858	26.7448	17.3476	11.0515	28.9593	17.1196
PGAM2	5.21908	2.54289	7.25832	2.98255	5.0703	3.15435
SMAP2	21.2618	18.1171	19.0999	20.2318	27.6514	19.2144
NME4	50.3043	72.9597	64.5549	78.1054	58.9608	51.3993
ALG11	3.45182	2.04443	3.39785	2.6707	2.49942	2.23177
LOC10050587	0.290419	0.08559	0.183207	0.136349	0.277454	0.301628
F13B	0	0	0	0	0	0
GSK3B	11.5535	8.17257	11.3578	9.04483	9.42394	9.98007
DPH3	6.58878	5.54627	6.5008	5.44222	4.56733	5.35112
VEGFC	4.45441	4.33214	3.93402	3.43905	2.96313	3.08422
SPRED3	0.166498	0.660083	0.419508	0.0781696	0.356939	0.700274
TRIM64	0	0.0309402	0	0.182553	0	0
SLC5A4	0.562219	0.497079	0.65775	0	0.325528	0.286651
MORN4	4.18216	4.27369	3.60783	3.37618	5.19195	5.26223
DEFA6	0.728132	0	0	0	0.927502	1.36122
BRI3	82.1034	113.968	95.6418	113.214	94.0061	75.5184
TLX1NB	0	0	0	0.0519641	0	0
LOC10050687	0.65395	1.31572	1.66352	1.53459	1.68397	1.26712
LOC10050700	1.888	3.7558	0.714611	0	1.50309	0.882389
MOBP	0.0967127	0.15592	0.101443	0.217948	0.0923953	0.0803564
RPL32P3	4.81119	6.22714	5.74475	5.86826	6.98153	5.53267
SCN1A	0.082939	0	0.0356632	0.058984	0.0337567	0
SWI5	20.106	25.1213	17.8635	24.0796	13.3424	18.3812
RUFY1	28.9777	28.3934	27.4673	27.9946	28.5143	28.5598
CLCN3	19.0096	9.43917	16.0385	10.5127	12.9697	15.535
LOC10065287	14.0058	19.5191	13.6687	13.1549	17.092	10.893
RAB20	5.70298	4.47496	4.04736	3.61463	3.90468	2.62097
MIR4421	0	0	0	0	0	0
KRT35	3.04153	1.00831	0.143887	75.0594	1.04918	169.852
RRP7A	12.4994	12.0555	9.90093	12.3742	11.5201	11.0596
CXorf51A	0	0	0	0	0	0
NEUROG1	0	0	0	0	0	0
GLIPR2	12.0315	13.2288	11.0729	6.19119	8.58913	6.71646
LOC255187	0.160403	0.0567274	0.097141	0	0.102162	0.0399826
MAST4	8.53061	7.86158	10.1149	8.40932	9.85527	9.99809
EIF5A	194.184	229.238	158.974	210.28	168.618	187.378
TBX22	0.326736	0.604919	0.137411	0.266319	0.236039	0.230944
PCDHGA9	0.896921	0.6848	0.306859	0.612619	0.722892	0.66371
AREG	5.31962	3.18917	4.30027	3.89491	4.53679	4.49486
MORF4L2	99.7475	85.7405	85.8057	86.4397	84.4671	84.4165
OR4F17	0	0	0	0	0	0
FOXA2	0.168112	0	0	0	0	0

HERC6	12.9248	8.94827	3.30798	3.10968	4.82774	3.30515
SLC1A6	2.94416	1.95228	2.69307	6.62333	4.25816	12.7281
LOC10049918	0.237079	0.314415	0.17947	0.222613	0.150997	0.221606
INTS8	11.737	9.85251	10.4938	8.8718	11.3917	11.7779
ABCC2	0.915832	0.455468	0.375532	0.322482	0.449626	0.249685
TEX9	3.61586	1.90455	2.44603	2.09494	1.71497	2.3012
UGT2B10	0.368511	0	0	0	0	0
CBLN3	3.93972	4.5933	1.93364	1.42282	7.72071	4.37056
DEFB127	0	0	0	0	0	0
OR56B4	0	0.109444	0	0	0	0.0771386
NAALADL1	1.04503	2.67286	1.38442	2.2429	2.59104	2.25601
MIR3161	0	0	0	0	0	0
UGT1A8	1.06E-08	8.45E-09	8.70E-09	8.10E-09	9.09E-09	7.41E-09
FAM86C1	4.59391	5.68432	3.42959	4.77217	4.29137	3.97805
LOC10050571	0.765058	1.18373	1.44788	1.79594	2.19271	2.0262
MAN1C1	5.59273	4.7535	6.24533	3.88784	5.4513	3.50441
MIA-RAB4B	6.77E-05	1.66E-05	0.00044519	0.000139589	9.62E-05	3.28E-05
DDX31	4.57454	4.9047	5.29003	5.94239	5.69516	5.58554
ASL	15.4949	17.6971	11.8571	14.7833	15.2553	17.1283
CTHRC1	15.7857	10.7921	31.9589	9.30715	10.4632	10.3517
DEFB106B	0	0	0	0	0	0
LOC729852	6.05191	5.06317	4.20804	3.83053	5.5105	5.02839
LRRC8D	6.99755	4.90749	4.97495	5.98514	4.04491	3.65203
TAF1L	1.6914	0.883699	2.15336	0.996214	1.94884	1.43411
LOC10028780	1185.21	1442.18	1164.71	1484.64	1156.73	1094.33
MACROD1	20.4481	31.4881	23.9226	38.4008	32.2674	28.0774
LOC440944	12.8425	16.0153	13.8398	11.5323	14.573	12.4761
SNORD12B	0	0	0	0	0	0
HIST2H2AB	0	0	0.299209	0	0.251739	0
MT1M	7.367	13.7506	4.02773	12.6821	9.90551	6.8862
DERL1	25.2741	22.678	26.0791	22.3792	20.9275	20.5508
C16orf46	1.95981	1.60274	1.41389	1.02435	1.22633	1.49225
PRRG1	1.96295	1.37047	1.66555	1.08979	1.25021	1.26796
EIF4H	201.55	189.689	189.676	179.754	172.264	167.437
LOC645177	0	0	0.0372272	0	0.187927	0.091935
ARMC9	1.61209	1.22169	0.80195	1.08123	0.850734	1.69344
NFATC4	8.99803	14.34	11.2226	10.7558	18.7628	12.3911
MIR3188	0	0	0	0	0	0
LOC642838	0	0	0	0	0	0
TESC	26.3805	15.4051	18.3179	25.5142	12.4817	12.802
PIF1	1.24626	2.47086	1.08637	1.84399	2.02046	2.09452
TSSK4	3.33216	1.81906	2.90036	1.61134	3.34125	1.45456
PUS10	3.3365	2.70031	3.01147	2.81963	3.51448	3.32666

TTC3P1	17.2468	11.3459	14.6266	10.0766	12.4745	12.5099
ARPC1B	60.9466	79.0364	43.779	43.2724	54.9155	45.7564
RAB3GAP2	6.5761	5.52748	6.77499	5.66333	6.09666	5.40735
C19orf81	0.167637	0.444643	0.634512	0.944453	0.854154	0.522323
LOC1005055†	1.79574	1.47008	1.81251	1.81107	1.22844	1.65782
OR8J3	0	0	0	0	0	0
NAT6	10.2823	18.2145	10.0407	16.5988	17.2157	14.057
DSEL	1.79134	0.989867	2.3423	1.41444	1.09554	0.995819
PLEKHH2	10.2556	12.1664	13.3918	9.41124	21.9065	12.8585
MAGEB2	0	0	0	0	0	0.041149
SNORA63	525.13	425.596	198.763	205.454	362.33	136.349
ESP33	0	0.316086	0.202977	0.167847	0.341549	0
CCR7	4.16796	2.77414	1.63076	0.219868	3.4301	1.34242
DEFB110	0	0	0	0	0	0
TMPRSS6	0.558051	1.89134	1.85408	3.58068	5.41038	4.6174
IPO13	11.9087	11.3421	10.0593	10.5911	11.3308	11.78
CA5A	0	0	0	0	0	0
MIR4782	0	0	0	0	0	0
SAR1B	18.361	13.4144	15.2898	14.1272	13.8805	12.88
EDC4	14.2535	18.7313	18.1897	18.7028	21.5427	19.8798
YKT6	52.6592	54.8399	43.8332	49.9895	43.7665	46.2926
MIR555	0	0	0	0	0	0
TUBB8	0	0.031636	0.121892	0.209991	0.0911586	0
DBNL	60.7528	64.9947	51.4027	55.1684	57.1641	67.4224
RNASE2	0.3546	0	0.671086	0	0.225847	0.110486
MIR3658	0	0	0	0	0	0
SRBD1	3.68642	3.61102	3.37286	2.31596	2.70262	3.17314
DICER1	13.463	9.34488	13.6295	9.13186	13.9974	10.8764
FASTKD2	7.93497	6.78479	7.25636	7.18367	6.65691	5.64395
SPTLC1	39.0687	29.4686	44.1501	37.3499	41.2372	35.3136
MIR376B	0	0	0	0	0	0
MARVELD2	2.32421	1.84523	3.30343	2.58324	2.41682	2.24642
MAGEB1	0	0	0	0	0	0.0770064
PCDHB15	1.0017	2.04021	2.59261	1.64734	2.81233	1.23819
PRIMA1	4.70062	3.01606	2.60271	3.4806	3.23336	3.93353
ANTXRL	0.0964017	0	0.0729766	0	0.0920982	0.0300367
RBM19	12.447	16.6771	12.3619	13.5066	14.094	13.4607
CDH7	0.146854	0.129839	0.111169	0	0	0
UBE4B	17.9267	17.5898	20.8834	17.2068	21.1142	22.9013
GOLT1B	16.9016	12.0081	15.2622	10.1457	12.9562	10.9274
TSNAX	19.6619	20.2251	21.9932	16.2846	20.2069	16.9702
LOC1005064†	2.18201	1.71484	3.90007	5.06528	2.70226	2.37954
SMARCA1	7.96373	5.97745	8.97909	6.98108	7.00287	6.41197

SAMSN1	5.62452	4.04653	2.67156	1.24267	5.4788	2.13047
ODF3L1	0	0.833827	1.42786	0.354221	0.480531	0.470158
TRIM69	1.57997	1.73589	0.973965	1.2081	1.30501	1.0402
TAGLN3	3.84163	4.00559	3.19151	2.64093	1.91046	4.37723
PDSS2	7.32709	5.28031	5.21176	5.11458	4.49057	5.13452
LOC339666	0.343436	0.182187	0.15599	0.257985	0.349978	0.513635
BRCA2	0.569957	0.547739	0.43146	0.325762	0.499794	0.324288
NIPAL3	10.1461	5.80813	9.89232	10.0424	9.1236	9.66596
CHMP2B	25.1586	20.283	21.5923	14.8635	23.5241	21.3008
SOX1	0	0.0419098	0.0179418	0	0.0603812	0.0147694
TCP1	75.3163	63.7554	66.1216	68.3683	55.9926	57.6483
RGS20	3.03811	1.70878	1.36092	1.86226	1.93304	1.11848
GPR111	0.432135	0.531571	1.08095	0.917388	1.36418	1.69769
EIF2C4	11.3622	12.5006	13.8253	12.1624	15.3833	12.6491
LOC150197	0.185349	0.450653	0.28062	0.565628	0.354149	0.548632
MIR1272	0	0	0	0	0	0
NT5M	3.22497	3.08892	2.89907	3.40672	2.39633	2.67955
TRHR	0	0	0	0	0	0
C7orf47	17.7988	37.7451	24.7997	31.488	34.0907	29.2558
PPP3CB	25.5486	24.7921	26.9242	22.4382	22.1364	18.8888
SDHA	68.4909	58.8627	59.8147	60.6423	54.5512	47.8598
BUD13	12.0015	12.6992	9.92893	13.9393	12.5467	10.9439
LOC440132	0	0	0.322703	0	1.08602	0
LOXL2	6.62066	6.39762	8.08175	5.18137	5.81727	4.9415
GLB1	13.8301	13.1237	12.2694	10.9198	13.0117	11.526
HOXB13-AS1	0	0.233461	0	0	0	0
GRM2	0.679904	0.986644	1.28151	2.31007	0.984403	0.427182
SLC9A3R1	55.3323	50.1979	40.7548	53.6025	44.9304	44.3247
SLC16A9	0.342457	0.237897	0.685138	1.05656	0.685496	1.99686
TRIML1	0	0	0	0	0.0410866	0
STATH	0	0	0	0	0	0
INPP5J	2.14659	2.09978	3.4574	5.14625	4.24697	2.6184
FBXO5	3.74068	4.51745	3.36934	3.18077	3.28369	3.84025
HSPA14	12.4665	12.5088	10.5345	10.7802	11.6699	10.4424
GABARAPL1	75.8648	62.6394	66.4321	69.5609	56.2002	57.0018
DOCK9	18.5067	14.6272	21.9587	16.4374	19.4532	17.503
KRT26	2.8619	0.161509	0.0460952	9.54841	0.0387821	10.359
NFKBID	3.3049	5.64246	4.01155	4.70838	7.62123	4.61606
TEC	1.95101	1.17393	2.66667	1.39942	1.89843	1.87433
DUS3L	11.7631	20.6186	16.2638	23.7738	20.8658	17.6289
SLC26A2	29.126	8.54228	12.1041	12.3241	9.59304	9.03482
RPS26P11	68.3163	115.672	43.3483	71.479	77	80.5846
WBP5	42.0049	33.2035	40.3232	26.5423	31.3246	33.3434

IQCF5	0	0	0.234834	0	0	0
HAGHL	2.10929	6.31199	3.19349	7.46531	4.75364	4.70159
XAGE3	0.339923	0	0	1.27674	0.216499	0
SPDYE6	1.54167	1.81033	1.66312	1.93929	1.21455	1.14766
KIAA1468	17.5418	13.8588	18.4923	13.6932	18.7218	16.7482
LMO2	15.1782	17.247	15.331	11.8536	17.8305	12.4978
RG9MTD3	7.76958	8.16474	7.999	7.29551	9.24661	8.05101
QKI	12.7938	11.1936	13.5881	9.36723	11.2448	8.64142
RPS10	350.389	555.867	423.245	683.163	390.096	354.095
EML1	4.71124	3.45519	6.83693	4.62763	4.72902	4.11285
C7orf30	25.9523	25.6626	28.0907	25.8117	23.0539	23.301
OSTalpha	1.5622	2.49931	1.63311	1.18748	1.89519	0.880783
TOP2B	37.0269	25.9358	35.2803	29.6814	35.9332	32.2059
INSRR	0.0463892	0	0	0	0	0
C3orf35	1.30645	1.95878	1.69311	2.83848	1.66129	1.21961
TFPI2	1.06238	0.426949	0.95045	0.453435	0.615123	0.180554
CASZ1	23.1735	22.9668	29.9811	29.6989	35.0296	35.7384
VILL	4.84269	7.51659	6.54439	7.51132	8.31629	7.75676
OR2L1P	0	0	0	0	0	0
NRL	0.629365	0.417334	0.794055	1.03419	0.400846	0.620974
MIR4636	0	0	0	0	0	0
OR5AR1	0	0	0	0	0	0
MRPL27	84.6972	96.2075	67.9297	100.757	70.0269	80.8764
BDKRB2	2.57202	3.831	2.21014	2.02345	2.25796	2.44026
ZNF260	6.17422	3.75598	5.25401	3.57017	5.99744	5.18235
C1orf210	17.1002	15.589	14.6518	14.9384	12.1494	15.8408
GIMAP7	21.1034	22.3578	14.5293	8.19963	17.7281	10.8834
LYRM4	18.2935	20.5257	17.0141	21.3282	17.8712	16.4151
KIAA0101	4.79586	5.37889	3.12414	5.38359	3.72718	5.88669
LINC00246A	0.306326	0.317854	0.23189	0.239696	0.488332	0.381779
PTENP1	7.20296	6.30229	6.88033	5.05503	5.49241	6.08829
XPO1	50.61	39.3076	44.5124	32.7598	44.9083	47.7722
DZIP1	3.2416	2.15406	2.3264	2.86365	2.87752	2.90545
CTRL	1.23997	2.95158	1.15528	1.61212	2.24772	1.4434
LOC10050618	0.0951591	0.0420668	0	0	0	0.0889487
SLC20A1	11.052	11.5505	8.30021	10.8158	8.35776	9.57659
LOC10050678	0	0.119024	0.203819	0	0	0
LOC10050580	0	0	0	0	0	0
C10orf113	0	0	0	0	0.588513	0.157774
SYNDIG1L	0.231424	0.170509	0.233585	0.108652	0.29479	0.120178
MIR4683	0	0	0	0	0	0
MGST3	65.5059	74.1152	75.2215	78.3144	56.5442	50.3424
ANXA8L1	62.832	88.9211	70.7209	88.2004	95.9369	87.2289

RAPGEF5	7.02807	6.48118	7.54435	5.49036	8.75064	6.30016
PCDHB12	0.47462	0.394336	0.450503	0.363666	0.488993	0.344278
C1orf116	25.2019	16.392	22.0197	23.9307	28.0448	27.7443
CD226	0.495004	0.269324	0.317072	0.143016	0.291019	0.189825
GLB1L	3.22306	3.56204	2.53137	2.91291	3.79766	2.81187
ARHGEF2	14.5119	18.6083	16.2732	12.8321	15.0814	12.2982
NID1	9.16528	9.0821	10.8571	7.71946	8.55394	7.46643
MIR4496	0	0	0	0	0	0
GLMN	7.0575	7.45184	6.18815	5.91115	5.9427	5.41041
MYBBP1A	16.3556	18.9918	23.4445	24.1502	20.6336	19.2426
VAX2	1.28651	1.57493	1.79796	3.06649	1.38665	1.60339
TTY7	0	0	0	0	0	0
FCER1G	40.1993	31.2803	24.8644	15.1907	32.6284	22.403
SEMA6D	1.87468	1.77983	1.799	1.45989	1.62367	1.59729
EVI5L	6.75394	9.49406	8.36686	9.60106	9.32605	9.8599
FAM3A	18.3567	25.04	20.7319	27.8164	26.2808	25.1356
BNIP1	8.40774	12.6529	7.35132	9.42998	7.42435	8.39004
HIST1H2BO	0	0	0	0	0	0
AVPR1A	0.585606	0.124261	0.549701	0.30793	0.283461	0.233552
PCDHGA4	0.162434	0.216537	0.921783	0.229334	0.255024	0.228948
CSN3	0	0	0	0	0	0
LOC10012961	0.324076	0	0.327103	0.202868	0.240807	0.302926
FAM82B	18.0706	20.6726	21.1077	17.3025	19.6772	15.4584
C9orf16	241.218	403.134	186.387	379.47	232.985	291.059
MIR4659B	0	0	0	0	0	0
ABL2	2.51965	2.54368	2.47406	2.71882	2.44407	1.71702
C7orf64	7.86154	8.79695	8.92685	8.82363	9.81853	8.26703
HOXD8	6.3123	7.24686	5.99081	4.27694	4.83699	3.6249
LOC10013041	0.899599	0.397684	1.362	0.563139	0.381973	1.12118
PHF7	3.81802	6.07107	5.79498	6.99277	6.04305	3.10368
KIAA0664L3	3.75102	3.10914	4.48115	2.42148	3.58357	3.28707
PRODH2	0	0	0	0	0	0
MRPL22	7.06772	7.03459	5.90068	6.54984	6.41397	6.03062
MIR337	0	0	0	0	0	0
C18orf1	4.6494	2.00006	3.64556	3.9066	2.95912	3.06342
NF1P2	0	0	0	0	0	0
OR2T11	0	0	0	0	0	0
C13orf35	0	0	0	0	0	0.0283767
THAP11	19.3781	20.9891	20.6458	23.2242	21.4491	19.094
MIR323B	0	0	0	0	0	0
MEF2BNB-MI	0.960986	1.60496	1.66164	3.89597	1.80404	1.98219
SCAMP2	43.5477	42.3675	51.9148	45.3178	56.3452	50.6951
HDAC2	12.0623	10.2214	10.6278	9.6045	9.41614	10.0431

TNFAIP8L2-S	5.77E-06	8.12E-05	7.64E-06	0.799251	4.63E-06	0.573353
ZNF616	2.57374	2.18913	2.81152	2.14138	3.38221	2.90317
SRSF2	162.263	195.327	153.722	165.703	181.277	141.696
ADAM32	0.183642	0.487094	0.528269	0.172437	0.257318	0.320426
NR1D1	28.4424	49.1285	32.6042	36.1067	31.0548	30.9023
BCR	14.4045	16.3755	13.7449	14.002	15.531	17.3038
TAAR6	0	0	0	0	0	0
RIMS4	0.268923	0.239453	0.198155	0.217736	0.486939	0.576824
FAM90A5	0	0.0115191	0.140646	0.0122336	0.0569007	0.0401884
OR52B2	0	0	0.0922227	0	0	0
CRY2	20.3047	26.8091	28.3558	28.2654	27.3343	24.0414
SLC9A3R2	32.9679	61.3118	31.7074	35.0303	28.7083	26.7619
PRH1	0.303534	1.34931	0.597768	2.83035	0.572389	1.03316
CDH24	3.75766	6.09766	3.53074	5.64329	6.64371	6.27653
CD244	0.926527	0.807721	0.553185	0.392289	0.814667	0.303116
FLJ42709	1.70694	1.60774	2.33702	1.23997	2.02572	1.00091
ARL2BP	19.3632	22.2496	22.8715	22.3808	20.0574	17.8542
GABARAP	385.047	418.839	376.837	449.419	364.263	386.912
NEURL3	1.51643	1.45246	0.382648	0.237317	1.04631	0.866227
NCOR1P1	0	0.39899	0.341619	0	0	0
ECE1	28.9049	35.7169	30.2756	25.1177	28.2001	25.1635
FOXP1	8.15655	7.89057	7.34478	8.38006	6.81899	7.22698
EML5	0.663261	0.562957	0.411715	0.5356	0.473126	0.31412
LOC144481	2.31039	0.6809	0.194331	0.72314	0.654	0.319942
PROM2	53.7417	51.3869	54.505	59.2727	65.2185	62.4952
LOC1002876	0.340489	0.0792208	0.723817	0.168271	0.86245	0.41716
LMF1	22.2343	29.6574	24.7097	40.0694	23.3518	25.8958
HIST1H3C	0	0.333734	0	0	0	0.235223
ADAMTS9	2.7399	2.38882	2.15283	1.25528	2.26755	1.70012
ZNF492	0.137372	0.297053	0.139274	0.12899	0.160769	0.200018
C11orf10	212.261	235.415	186.278	230.617	160.912	159.487
CDC25B	17.04	26.6979	20.8732	22.4833	29.4392	20.8771
ZDHHC24	9.62576	13.6908	11.7222	14.2257	10.1823	10.5363
PLDN	14.6102	14.253	15.9714	11.6959	14.652	12.5148
FCAMR	0.0548138	0.031765	0	0.101206	0.0349112	0.0341575
PTGER1	0.0764869	0.0676249	0.057901	0.21546	0.29229	0.0953268
TCF24	0	0	0	0	0	0
MRPL24	64.0691	66.4152	53.7282	58.1932	50.0521	49.6445
PICK1	23.7223	31.5943	23.3296	29.575	26.7689	27.5988
LOC729177	0	0.156863	0.100731	0	0.0847497	0.0829203
MIR378	0	0	0	0	0	0
MIR320D1	0	0	0	0	0	0
APOBEC2	0.195029	0.229909	0.344488	0.488344	0.33124	0.445623

FH	44.4511	39.844	34.1993	36.0759	32.5081	35.0775
ATG12	10.5835	11.2444	12.9168	9.19963	12.6665	10.926
C2orf27A	1.74678	2.68104	1.11272	1.20934	2.34046	2.17545
SLC1A1	0.811654	0.578721	0.673887	0.76213	0.850461	0.929998
OXT	0.930645	2.19418	1.17417	0.873861	1.58062	0.773251
IPO9	6.87883	6.87574	6.94724	6.6757	7.5398	6.36059
CLIP4	25.1228	20.6455	30.8485	27.6638	32.6383	27.6778
H2AFB3	0	1.07895	0.410582	0.143236	0.528959	0.675972
NAP1L1	48.2149	45.5912	46.1229	39.9588	47.3652	39.3589
C11orf36	0	0	0	0	0	0
AHR	22.3031	18.1637	25.7654	15.1106	21.8141	15.9764
MMP7	36.6272	14.8838	33.8285	32.668	33.79	26.3849
LRRC28	7.39446	6.40564	8.3682	9.11744	7.08815	7.26096
UBE2L6	74.1931	69.1762	29.5385	23.0211	38.9168	22.7906
LOC10065282	0	0	0.226718	0.355919	0	0
LOC10050604	2.81643	2.1581	1.98992	1.23414	1.55463	1.28706
UHRF2	12.7749	12.0127	11.303	10.4452	14.0491	10.4907
KCNK7	18.5824	28.7822	34.2114	41.2048	43.2825	50.6947
LOC10028761	6.52915	5.32861	5.70301	4.48018	1.11958	0.782441
RNU1-7	44.7492	54.6816	26.1981	59.5068	34.2526	27.9645
LOC728026	27.5704	16.7115	16.6988	12.5716	21.0703	16.6901
ASIP	9.99048	8.3913	12.4787	8.20829	13.9986	9.33846
MPST	48.6139	81.8693	62.1026	89.7495	64.6599	74.7959
DNAH2	0.270787	0.313078	0.26806	0.241225	0.168043	0.190376
AGFG1	10.4938	8.22583	9.70148	8.22904	8.88858	7.34611
GALNTL4	7.58139	7.69602	7.95586	9.94372	11.0369	8.52391
LOC10065294	0	0	0	0	0	0
TBPL1	10.6109	12.7795	10.183	10.2773	11.2281	11.0899
PRPF40A	17.0843	14.0934	15.9799	11.8123	16.0002	13.8779
SNAR-I	0	0	0	0	0	0
MIR134	0	0	0	0	0	0
SNORD115-3	0	0	0	0	0	0
FAM178B	4.66643	5.57807	3.63319	6.59745	3.41026	5.64626
KIT	27.3365	16.6052	17.2	13.8077	21.9172	19.1792
ACTL9	0	0	0	0	0	0
SRCRB4D	2.30476	2.4408	1.40328	0.9068	1.35029	1.22346
MGC15705	1.06797	0.94423	1.10244	0.729313	1.5459	1.02852
PRR14L	6.43334	5.21139	5.98887	5.50203	6.80506	5.87262
FCGRT	65.8593	86.2941	80.6619	81.4083	94.8925	68.1547
CHRNA9	0	0.041363	0	0.087858	0.119187	0.058307
PELO	6.27593	6.52806	6.75536	6.30936	6.38679	7.26917
IQCG	6.15839	7.07984	6.44248	4.85242	7.66238	5.10852
NAA50	37.8814	26.8215	28.1926	25.1625	26.4602	24.4901



SCAI	2.15856	2.03354	2.84052	2.02685	2.57218	1.95741
PGM5P2	0.786749	0.741084	1.00471	0.639484	1.10134	0.856059
DEFB130	0	0	0	0	0	0
MIR3169	0	0	0	0	0	0
LOC10050587	0.392416	0	0.0990204	0.491297	0.249932	0
TCL1B	0	0	0	0	0.0617709	0
DHX16	18.3012	21.3746	19.7524	17.9135	23.066	22.0984
ROGDI	14.4711	21.5866	11.7974	19.2325	19.1898	19.7004
GAK	24.0471	27.029	25.9827	27.8225	28.1715	27.8165
MOV10	28.0479	35.1368	27.8446	27.9354	38.4122	30.3885
DDX55	13.4923	15.5552	12.2739	13.4608	14.5256	14.5067
MIR3180-1	0	0	0	0	0	0
PID1	12.2451	9.58147	14.5898	8.06312	14.669	11.0674
GSTT1	82.0411	107.308	41.3945	51.9946	0	0
HNF1A-AS1	0	0	0	0	0	0
MIR578	0	0	0	0	0	0
MELK	1.70083	2.38402	1.72718	2.41505	1.84948	3.30891
IFNK	0	0	0	0	0	0.0621355
SBDSP1	24.1257	24.1643	26.8721	23.5249	21.1783	18.7651
PPP2R2C	10.9237	10.4155	15.0612	12.7823	11.6259	10.7372
LOC283867	0	0	0	0.0560662	0	0.0744168
MLXIP	1.07003	2.78932	10.5211	7.08789	5.67873	10.8035
TSTA3	66.1749	95.3246	65.1231	77.8987	78.3834	67.6896
HLA-G	7.76101	9.19539	3.22794	1.7794	6.38681	4.07015
BRAT1	16.0587	27.0843	19.096	25.6063	26.3013	24.7199
WAC	48.6446	44.4008	47.8774	43.1029	47.159	41.2512
LRAT	0.276434	0.314236	0.239157	0.333729	0.0880312	1.04588
FAM49A	3.52301	2.89233	3.07967	4.0366	3.1921	5.56688
MADCAM1	0	0	0.380321	0.471747	0.278029	0.33859
PKDCC	13.3588	18.8048	12.8318	8.18559	8.73961	5.28147
MRPL47	27.5094	26.5643	22.6071	24.0926	18.601	21.1671
SNORD12	0	0	0	0	0	0
SFTPB	0	0	0.0202336	0	0	0
LOC375196	0.413099	0.496818	0.558795	0.102729	0.634293	0.577628
PDXDC1	42.5365	32.9662	34.9297	33.3831	30.0331	30.748
MIR300	0	0	0	0	0	0
FLG	117.62	47.5561	160.376	98.6778	185.291	176.398
KCNJ11	1.80669	1.05758	0.604275	0.712231	0.806842	1.12824
C3orf25	0	0.210334	0.288144	0.223382	0.363644	0.237196
PNP	17.7325	18.858	12.3472	14.2944	14.5969	16.9141
LOC10050607	2.92515	5.68971	6.42162	7.96533	9.87413	9.11414
ATP6V1H	28.4749	20.8306	26.9526	24.9015	21.2703	26.1111
LOC10012805	0.140493	0.041405	0	0	0.0298269	0

C4BPB	0.501789	0.693277	0.379857	0.5301	0.756234	0.351802
MC5R	8.10441	7.60863	7.21031	6.74694	3.88461	5.41478
ZNF547	2.85506	3.00921	2.48616	1.9742	2.99742	2.48046
RUNX2	2.34522	1.72513	2.51675	2.29047	3.17703	2.38165
C1orf144	42.3803	43.4421	41.3303	46.8893	45.0572	39.25
LOC10028753	0	0	0	0	0	0
CHRFAM7A	0.215309	0.344665	0.316223	0.352173	0.20983	0.182059
LOC644145	2.65734	0.469891	0.804649	1.99616	0.338495	0.331189
LOC10050661	0	0	0	0	0.223075	0
MIR329-1	0	0	0	0	0	0
LETM2	0.394626	0.29773	0.768187	0.658763	0.474212	0.941625
CDH2	0.711126	0.648381	0.504681	0.667736	0.283075	0.484688
USP51	0.837204	0.99343	0.850584	0.620622	1.1787	0.87867
DR1	21.4791	18.1186	20.9021	13.9762	20.0983	18.9347
FNDC8	0.809133	0.93	1.04128	0.683787	1.80369	1.21012
ZNF847P	0	0	0	0	0	0
SCAMP1	12.2131	8.9984	10.2997	8.85244	8.53892	8.10664
FCGR1A	0.239506	0.60514	0.281944	0.184733	0.307791	0.0896168
FAM160A2	13.658	17.2115	21.8332	20.9802	23.2163	22.6694
SLC10A7	3.10337	2.60663	3.04845	1.9914	2.45416	3.00537
LOC10065283	1.65E-07	1.12E-07	2.16E-07	1.19E-07	2.82E-07	1.27E-07
PCYOX1	37.5017	26.6928	36.0749	26.1668	24.3974	23.7482
POGZ	26.2583	26.9689	26.6005	26.775	34.0993	28.2964
ARL2-SNX15	3.31E-14	0.317384	1.24E-12	0.348643	0.247482	0.229773
LOC10065293	6820.96	10815.8	6523.08	10793	6549.83	5257.72
KLRC1	0.354775	0.31367	0.356562	0	0.353584	0.221081
HMGB2	46.655	58.9196	38.6039	38.4222	49.5363	51.0094
NBR2	7.74	10.2296	4.65114	6.29371	10.8757	8.40338
SNAR-E	0	0	0	0	0	0
CXCL5	0.123397	0	0.0311374	0.0772452	0.235777	0.179423
ATP5G2	290.691	340.677	252.054	347.116	257.235	250.645
LOC10050708	5.4957	3.40127	3.60557	2.66619	5.25036	4.10962
C5orf24	16.616	13.1754	15.1598	11.271	14.2983	12.7004
DCLK2	2.03329	2.09552	2.1042	1.80437	2.46174	2.12698
LRRC38	0.762876	0.481776	0.577501	0.869828	0.555291	0.645175
FRG1B	15.762	13.5483	11.1103	6.98905	18.9732	13.0242
LOC286190	1.17E-11	3.67E-13	9.32E-13	0.0521251	0.034289	0.0169156
DOCK10	3.28633	3.02993	3.3493	1.12866	3.86039	2.07978
ECD	14.6008	11.1504	12.2584	10.8929	12.8737	12.2708
KDELR3	4.70563	5.14562	7.43734	4.46514	3.67741	3.81985
C8orf86	0	0	0	0	0	0
LOC10013191	0	0.0398284	0.0341014	0.0845984	0.0286912	0.0280719
HERC2	7.31524	6.5461	7.12674	6.01196	7.6095	7.39123

SLC6A6	11.3845	13.9349	9.7049	12.0943	14.7763	10.5393
ACCS	9.14574	20.979	13.2201	12.5525	18.9643	14.2939
NKAP	9.89809	10.2396	9.68471	8.40899	9.0917	7.97234
CAPS2	1.20126	0.722211	0.982107	0.812132	1.28535	0.92823
CTSZ	84.8754	84.5406	69.5043	64.2381	72.788	60.3017
TPP2	12.1288	11.3647	13.7491	12.1981	15.1841	12.6353
SCN8A	0.219599	0.158148	0.341455	0.372551	0.287468	0.204742
LOC10050710	0.335777	0.79166	0.593098	0.84077	0.784146	0.76722
TRAF4	18.2328	22.2527	14.8681	19.6674	14.9367	13.9724
PDCD1	0.632225	1.54793	0.294522	0.0456653	0.991182	0.151529
RCL1	16.0057	16.4054	15.9407	15.0291	12.5096	11.8571
SDC1	294.317	276.814	265.557	376.556	315.209	527.406
OR2M5	0	0	0	0	0	0
CHI3L1	387.362	368.126	915.32	802.202	286.511	375.336
ZNF776	5.59766	4.98123	5.79211	4.5735	6.44742	5.76463
TSPAN12	3.80983	3.05588	2.97326	2.10216	2.50155	2.81468
LOC10050621	0	0	0	0	0	0
TRPM5	0.0248431	0.0219647	0.0752256	0.466546	0.126582	0.696653
RHCE	0.452822	0.536117	0.198059	0.36514	0.251478	0.275613
LOC10028841	6.52743	5.45053	3.56872	5.78865	2.30964	2.93773
SLC7A10	6.7796	6.11451	12.3151	5.47979	2.6989	1.11751
OR56A1	0	0	0	0	0	0
F7	0.553668	0.603847	0.321491	0.308428	0.538078	0.405447
LOC10065300	1.9945	2.306	1.74213	2.59311	2.93148	2.19895
IDH2	173.137	159.847	66.2459	70.7013	108.104	97.8939
ZNF48	2.99379	4.17527	3.42986	4.58634	4.10683	3.91232
PRNP	101.983	78.1364	91.2385	82.6987	82.0344	78.1777
GARNL3	5.29035	4.97841	4.0643	4.08224	5.02081	3.91689
NPAS4	0.328771	0.317104	0.20363	0.477098	0.209396	0.111751
SLC25A15	4.6746	4.23375	4.22073	3.78182	3.65298	3.49293
GDPD1	3.14576	3.17513	2.63611	1.85631	1.58858	1.63285
PDCD4	156.423	91.758	119.977	125.533	114.794	131.26
TMEM198	1.01331	1.87326	1.63877	1.90297	1.58412	2.411
DKFZP434F14	0.522514	0	1.58218	0	0.332792	0.325609
TLE6	1.18587	0.912376	1.05321	1.06337	0.689908	1.82819
FANCG	8.09576	12.2222	6.53325	10.1118	10.1179	9.94709
SLC7A7	3.75638	2.93693	2.14737	1.08716	3.77117	2.12607
PRR20D	0	0	0	0	0	0
RHD	0.496319	0.90906	0.390299	0.267701	0.656755	0.321289
RGS7	0	0	0	0	0.0264093	0.0516785
MIR1178	0	0	0	0	0	0
NEB	0.454164	0.311707	0.918713	0.585479	0.554327	0.598345
RNF181	61.5233	76.3592	60.736	65.5449	62.4686	59.4766

KRTAP20-3	0	0	0	0	0	0
SDSL	3.90197	4.00185	4.13533	3.44405	1.98815	2.23702
ATP6V0D1	74.2433	72.5361	58.7463	70.6063	56.6139	66.1779
NENF	65.1974	104.379	74.9533	106.789	67.4112	65.2716
C1orf109	7.50142	9.37667	9.26855	8.46055	9.2259	7.76408
IL16	11.0024	12.1684	9.7464	8.26425	12.7247	9.46048
NCOR1	14.1595	11.8691	13.1307	11.3619	12.6596	11.0682
SNORD114-2	0	0	0	0	0	0
LOC285205	0.0928858	0	0.070315	0.436091	0	0.46306
LOC10050654	0	0	0	0	0	0.0174973
RNU4-1	0	0	0	0	17.4017	0
PPY2	0	0	0.157877	0	0	0
TAS2R46	0.257954	0	0.195273	0	0	0.0803731
SNORD114-7	0	0	0	0	0	0
HOXC9	2.15497	2.51989	2.68379	2.74149	3.05494	3.29223
USP8	11.3304	8.27609	9.42473	7.28492	9.53185	8.68964
LOC653566	40.461	34.8469	33.9498	30.7995	27.9798	30.6398
LINC00310	0.525074	1.26612	1.34905	1.11557	1.14684	1.0345
ZNF362	16.7231	21.2189	17.4671	21.6661	20.7735	17.2624
CACNA2D4	0.665759	0.843161	0.844512	0.726511	1.07725	0.426086
SNHG7	60.7224	121.764	66.537	100.034	66.4654	61.1195
MKX	0.91781	1.31193	1.4907	0.634193	0.73904	0.622316
MINA	16.8023	16.1301	15.5435	14.2641	13.4407	13.8396
GSTT2B	28.2251	20.4092	19.3546	20.9035	32.4338	30.8184
FKRP	4.63319	5.97772	4.9658	5.48358	5.96071	5.84438
CRIPAK	11.61	15.8603	11.8781	13.2172	16.5819	12.3074
PLEKHA4	13.1031	17.0087	12.6334	9.95149	15.3851	11.3246
CCDC85A	2.26276	1.62849	2.31425	2.50123	1.47528	1.30162
CACNG3	0	0	0	0	0	0
SYK	8.1557	7.73826	9.26124	7.47968	9.10276	8.53946
SAMD12-AS1	0	0	0	0	0	0
EGR4	0	0.0377987	0.0970907	0	0.027229	0
GALNT10	6.46109	5.28619	5.19526	4.61806	5.36397	4.15648
RNF20	14.8123	10.9499	12.9568	10.6989	13.0152	12.8423
FLJ31813	0.583229	0.680271	0.541972	0.593451	0.6437	0.65705
PPAN	12.5677	24.5455	17.1829	22.1753	20.122	18.1339
SNORD121A	0	0	0	0	0	0
ACBD6	17.9097	17.7946	19.4893	22.3195	17.0263	14.8124
GGH	23.5305	18.2515	12.8404	11.7251	12.4123	15.2929
NUBP1	15.5088	20.3674	14.3492	16.4361	14.1522	13.5076
ZNF211	10.1332	11.3434	8.31931	8.74763	12.4388	12.043
PDZK1P1	10.6093	8.79617	6.3825	5.73969	4.80311	5.46011
GSTA7P	0	0	0	0	0	0

LOC644656	4.07493	5.44813	3.68664	2.98637	6.0136	4.39736
SHANK1	0.057419	0.0888409	0.347732	0.377409	0.374847	0.313084
PPM1F	13.6456	16.4637	14.4758	12.935	19.6755	15.0978
TMEM67	1.94339	2.49782	2.27626	2.03767	2.53143	2.23067
FAM20A	2.87503	3.00988	4.20165	3.7342	5.33721	3.54838
GAA	16.2958	22.528	20.431	23.4264	21.1851	17.9606
RAB14	54.1644	44.9977	48.5803	43.9878	47.3758	43.7056
LOC1005063	0	0	0	0	0	0
REG3A	0	0	0	0	0	0
FLJ37035	0.763731	0.628763	0.731852	0.87785	1.25238	1.23434
PCDHGA1	0.178579	0.0971027	0.062177	0.0963988	0.0344686	0.136626
TMEM43	56.9171	57.7834	69.6442	67.4817	80.1125	68.5463
CPA6	0	0	0.0413478	0	0	0.102111
LOC1005073	1.38892	1.80588	2.47393	2.53164	2.6018	1.37465
MRPL1	19.6738	15.0419	14.1608	11.4323	14.944	13.516
BLNK	14.6727	14.5681	11.379	11.8458	14.2979	14.9158
GMPR	6.17337	9.09685	5.103	7.92882	7.63774	6.89804
IDI2-AS1	7.68291	2.63375	5.30735	5.79413	5.83341	4.76379
CDKAL1	4.22541	3.60242	4.06687	4.56273	5.03637	4.64554
FAM73B	31.7405	34.6674	25.8919	29.0159	31.5783	34.8866
EPHA3	1.48471	0.860686	1.38612	0.774735	0.746047	0.678561
RDH14	15.7461	12.7409	14.7668	9.98104	14.2525	13.7337
KIAA0146	17.1685	15.0158	0	0	0	0
HSPB2	12.0125	34.5371	32.1002	31.5291	23.4482	17.8041
TNFRSF13B	0.080701	0	0	0.075777	0	0
CCL21	50.9054	44.1466	38.9568	20.7653	93.4567	38.6559
MIR4432	0	0	0	0	0	0
REP15	1.49728	1.41205	0.377816	0.562368	0.699325	1.36846
LILRB3	0.814724	0.846078	0.430537	0.280757	1.12748	0.566663
BCKDK	38.9436	44.0275	39.2225	43.0463	39.6152	45.3564
MTSS1L	16.7605	21.5854	17.8509	24.9804	24.0153	23.7022
STAC	0.872942	0.979593	0.81332	1.00884	0.98366	0.648592
CR1	0.187114	0.117504	0.23396	0.223785	0.183186	0.230564
C19orf18	4.74261	6.28967	4.58745	6.80355	3.52403	3.28377
RAD21L1	0	0	0.0438388	0	0	0.0360876
BHLHE22	1.94274	1.66637	1.66821	1.55193	1.6621	2.47547
KIAA1671	15.5123	10.0719	14.0602	14.6922	14.0708	13.0958
SNAR-A14	0	0	0	0	0	0
LOC1005071	0	0	0	0	0	0
LOC284395	0	0	0	0	0	0
OR7A17	0	0	0	0	0	0
BCLAF1	26.0403	21.2264	23.5901	18.2044	25.8883	21.7074
CTBS	13.8428	9.33705	9.6079	7.4747	9.14239	6.99931

SEMA4G	4.83416	4.63638	6.41617	7.03945	8.18119	8.75452
CLEC19A	0	0	0.158235	0	0	0
OXCT1	28.759	22.0838	27.6835	20.7326	24.1176	27.398
GBP3	15.8726	11.2038	3.23879	1.38001	11.0246	7.85593
LOC10050683	0	0	0	0	0.186897	0
MIR644	0	0	0	0	0	0
LOC10028961	10.6718	18.6785	18.1185	21.8055	14.8533	13.6521
FAM27A	0.631467	1.17615	0.918441	0.492746	0.924372	0.74613
CYP4A22	0.126978	0	0.0961228	0	0.0404364	0.0197818
SLC23A2	7.63708	8.99915	9.50045	9.46614	10.7367	9.98577
FRMPD3	0.165936	0.0451415	0.0386505	0.0359564	0.0812965	0.047725
C1orf167	0	0.0347851	0	0	0.0250581	0
LOC10050611	1.67311	0.277361	1.58319	0.687322	0.999011	0.781958
ZNF274	11.7188	13.5895	13.7717	13.8757	16.0899	13.6625
NIPAL2	21.3459	17.6732	28.05	13.7587	27.786	24.0956
RAB24	51.8366	75.7767	50.62	67.6367	71.8669	74.3915
THNSL2	12.8877	17.3282	17.1191	19.0881	21.1865	17.7289
CHMP5	30.1884	24.7015	27.5212	18.4426	25.3194	24.7832
THEMIS	0.759055	0.475075	0.326499	0.0958595	0.309818	0.239798
TTY17B	3.83162	0	0	0	0	0
RND2	1.92176	1.16036	0.851582	1.12231	1.77627	2.20526
C12orf39	12.7724	17.271	8.72088	2.82191	3.03062	4.99403
HERPUD1	65.8789	49.5848	54.9967	45.9919	43.4218	46.9734
IFNA6	0	0	0	0	0	0
LCP2	9.82373	8.13113	5.09487	1.6486	10.7031	4.01169
NRXN3	0.612352	0.69154	0.664864	0.634477	1.32629	0.68817
C2orf61	0	0.239443	0	0	0.0868822	0
CECR3	0	0	0	0	0	0
LOC10050730	0.0538866	0	0.203962	0.0505986	0.137283	0.0671596
LOC10013220	0	0	0	0	0	0
SNAR-G2	0	0	0	0	0	0
TTLL9	0.13254	0.117184	0.200667	0	0.168831	0.0412967
LOC10050629	1.83328	2.34632	3.36287	4.03216	2.62314	2.43333
FCHO2	10.7354	7.91825	10.5213	6.83112	9.43076	8.38996
SOCS2	8.00026	7.64574	5.14606	4.95018	5.4783	5.01424
SGMS2	4.51692	3.16935	4.51437	3.27525	3.70594	3.06511
LOC10012841	3.1314	2.78635	1.20238	1.22671	1.21719	1.46651
SET	87.4932	84.9019	78.0705	90.5115	78.3691	70.6273
MED23	10.8885	8.1883	10.655	9.40005	11.3733	9.86472
LOC643085	2.97583	3.16798	2.89635	2.96533	3.40384	3.8602
PSMF1	28.9792	29.716	26.8347	29.3271	26.9509	26.0057
SIPA1L2	7.63297	5.86438	7.69313	7.70581	8.34601	8.71574
MFSD2B	0	0.126153	0.0540065	0.0669893	0.27263	0.266745

GLYAT	2.19766	3.36047	10.5951	5.83005	5.84087	2.96181
PLD1	10.4646	9.22748	13.2561	9.65952	12.1841	10.5432
ERP29	116.909	120.257	122.016	134.414	116.65	114.504
LOC10028785	0.4137	0	0	0	0.526976	0
CROCCP3	2.2025	2.20058	2.64324	2.65658	3.46699	2.93467
FAM134A	28.3792	32.5461	28.4855	32.3396	31.581	29.2524
ERBB2	68.4786	58.0138	65.8085	74.2129	80.9868	91.6571
MIR542	0	0	0	0	0	0
C8orf83	6.6026	4.2147	5.16912	4.6502	3.77189	4.09717
FANK1	2.81581	3.62118	2.19618	4.48679	4.78241	6.00849
FAM75A5	0	0	0	0	0	0
BMS1P1	1.26821	1.02528	2.01148	1.21456	1.6743	1.34958
SULT1A4	20.0507	25.938	11.8509	18.2929	14.5187	12.3349
PCBP1	201.799	209.004	187.044	201.442	169.916	171.525
C8orf51	0.513098	0.317554	0.349576	0.0963582	0.522872	0.54356
LOC10030265	0.643636	1.36988	0.631695	1.3284	0.820247	1.00602
ITPR1	7.73138	4.81806	4.92049	5.03769	3.5365	3.64898
FAM82A2	44.8601	37.7395	42.2148	42.5343	30.3899	32.6517
TMEFF2	0.750486	1.02082	0.742928	0.271036	1.47073	0.935342
FAM45A	11.2566	11.5697	11.3617	11.0102	10.2761	9.06058
PITPNM1	7.80043	10.6182	5.17202	6.95733	6.74027	7.0253
IGSF3	17.4768	14.0708	18.1505	18.3658	18.0236	18.7739
NRBP2	47.0539	72.0421	62.1145	72.1399	86.749	67.1287
NCEH1	3.57157	1.05905	1.37777	1.66327	1.11118	1.00116
SEZ6	0.023032	0.0916526	0.108995	0	0.0586852	0
SERINC3	54.72	38.0339	59.9613	39.6827	44.0868	41.7482
C22orf23	12.0737	10.9331	12.8079	11.7785	13.6393	13.714
CSNK1A1L	3.28608	1.82527	2.90206	2.68988	2.52214	2.86154
FLJ35282	0.201277	0.177956	0.304736	0	0	0
LOC10028909	3.79631	5.63163	5.95005	5.93664	3.577	2.83693
NLGN1	0.156955	0.520386	0.297039	0.0736891	0.112461	0.134485
ATF3	11.9016	12.0903	23.3515	12.8075	14.2119	7.18151
OR52E8	0	0	0	0	0	0
SEC14L6	135.37	92.8817	56.7408	40.8762	54.9838	116.972
MYO1A	0.108612	0.0720212	0.267216	0.407942	0.34588	0.287651
TMEM39A	9.95986	8.74638	8.58401	7.33006	9.32236	7.98885
SPC25	0.815569	1.81714	1.13614	2.52716	1.94799	1.26074
DLGAP2	0.0933954	0.0990892	0.162612	0.114006	0.41044	0.19788
PHLPP2	2.04812	1.62021	2.50247	2.17058	2.31904	1.88833
LGI3	1.96566	4.94636	2.56396	4.28775	3.77507	3.56167
OTUD6A	0	0	0	0	0	0
PECAM1	21.0732	24.4504	19.3509	14.9582	19.2927	14.6665
TOMM40	29.1619	35.7437	25.6392	32.806	20.3788	25.4243

CFL1P1	0.290571	0.214087	0.0366607	0.136421	0.215911	0.0905358
STAC2	90.8788	34.6023	51.7185	54.4371	46.4624	47.3559
METTL21A	2.83686	2.2983	2.29213	2.2108	1.98567	2.14589
CENPB	43.7588	57.6137	48.1852	61.6168	52.0021	43.2137
SNORD22	711.614	1468.05	837.971	1187.9	1510.77	936.168
PTH	0	0	0	0	0	0
PLEKHD1	3.06159	1.1236	1.44306	1.68148	1.47165	1.04392
COLEC10	0	0	0	0	0	0
NRARP	16.5272	21.3252	22.6421	21.4239	15.4597	18.567
FAM202A	0.152879	0.120148	0.334332	0.606105	0.313746	0.201121
CYP17A1-AS1	1.81209	3.89091	2.15563	1.45845	2.96777	0.967903
MIR4306	0	0	0	0	0	0
GKN2	0	0	0.238632	0	0	0
PLEKHG4B	0.587948	0.678663	0.531623	0.958462	0.837351	1.31797
GRID1	0.786124	1.02808	1.1902	0.876563	1.03267	0.836877
DNM3	0.883467	0.693132	0.697043	0.619351	0.847895	0.659061
GLUL	135.049	153.043	117.813	99.0409	131.384	107.744
CEP290	3.66522	2.61399	2.87638	2.14934	3.18079	2.83994
COX11	22.0489	18.3111	20.613	22.7652	19.4827	18.6272
POLR3B	5.38649	2.92482	4.56075	3.74931	4.21541	3.68084
MIR452	0	0	0	0	0	0
UTP20	4.10224	3.20024	3.43899	3.01456	3.43465	3.11207
NUTF2	53.0475	63.7906	53.2656	54.8435	49.3664	52.069
SNORA36C	0	0	0	0	0	0
LOC10050673	0.503613	0.222631	0.190619	0.236442	0.641508	0.941491
LGALS1	39.4664	32.7255	76.5568	37.9458	62.5562	51.1296
UCHL3	47.7915	41.0875	43.5026	44.7374	36.8498	43.9109
CNOT10	9.8252	10.3338	9.67735	9.84304	9.58432	9.4002
SEMA4B	29.8173	32.7011	25.5227	31.1847	37.4435	36.8508
3-Mar	4.8946	3.45368	5.23722	6.36363	6.44463	7.15603
TMEM135	6.20367	4.20571	4.63318	3.23513	3.81582	3.23483
CD58	19.6693	16.9051	19.7089	16.2775	17.477	15.036
CCR9	0	0	0.0303249	0.150463	0.0255138	0
EFHB	0.174608	0.432256	0.0793074	0.163954	0.733977	0.326424
DLEC1	0.513259	0.605015	1.15307	1.01266	0.958868	0.437173
SELE	1.46216	2.56321	1.1832	0.8285	1.99096	1.08396
SLAMF1	2.16949	2.28348	1.01667	0.242514	2.13844	0.257511
OAF	34.1117	29.7632	36.8896	31.294	29.8598	31.1699
LOC10050743	1.24393	1.92466	1.05937	0.438011	1.28743	0.775164
NOX3	0	0	0	0	0	0
OR6X1	0	0	0	0	0	0
MIR3545	0	0	0	0	0	0
SCNM1	11.2376	12.9533	10.3861	11.9387	12.0255	11.5034



TBCA	55.2323	49.7112	41.2095	38.0573	35.937	43.3325
UHRF1BP1	4.13462	3.10983	2.633	2.11597	2.45239	2.12471
SEC14L3	0.740417	0.087284	0.186833	0.602541	0.37726	0.953552
C8orf40	65.4818	66.0227	58.9677	62.2379	56.1675	52.3418
KIAA1161	2.77707	1.71872	3.32858	3.0205	1.96034	2.32183
OR4K5	0	0	0	0	0	0
TTC19	23.9676	24.3536	22.4621	25.7898	23.6068	23.155
LOC10050568	0.308143	2.72441	1.86613	1.44671	1.96258	1.15213
LOC10050697	0.0508779	0.0224915	0	0	0.0324044	0
CASP12	0.125254	0.332226	0.284454	0.176418	0.438763	0.11708
C14orf48	0	0.0473665	0	0	0.0341214	0
SNORD114-1	0	0	0	0	0	0
SFXN5	7.19338	9.18657	8.61303	8.03473	9.3277	10.1225
LCE3C	1.75372	0	0	6.1752	0.279239	10.6553
CCDC34	10.9324	10.8606	7.64455	8.454	10.5681	14.0418
ATP7B	0.937232	1.08186	1.33504	1.32738	1.62929	1.31668
LOC442028	0	0.0261878	0	0	0	0
BCAS2	28.9114	22.3164	25.1988	20.6786	21.7405	23.013
C7orf52	0	0	0	0	0	0.105688
HNRNPUL1	57.3797	63.0572	64.1943	64.146	65.0334	57.3454
SNAP23	31.8313	25.6676	25.5071	22.7052	24.4154	23.0116
LOC10050731	14.1972	20.4923	19.6556	24.1174	21.524	19.6528
MST1P9	4.24084	7.14131	3.97605	4.96639	5.24275	4.47176
OMG	0.0549127	0.194201	0.166277	0.103124	0.0699484	0.0684385
CD19	0.211999	0.0937533	0.180613	0	0.475573	0.148678
CWC22	8.31107	6.36305	7.75043	5.03299	7.84417	7.07436
ALDH1B1	5.38478	5.31245	4.6977	3.51469	4.83071	4.23538
TDRD12	1.05276	0	0	0	0.880044	1.10706
ICA1L	1.45863	2.03411	1.85832	1.84852	1.69475	1.12332
LOC10050698	12.5438	17.1031	16.4524	21.683	23.0096	16.3164
FLJ41941	1.02321	0.565409	0.0645477	0.320258	0.705993	0.876726
MRPL46	27.0211	29.0839	23.1231	20.0772	27.1617	26.2093
FLJ12825	0.272321	0.481539	0.543483	0.441673	0.488794	0.246835
GOLGA6L6	0	0	0	0	0.0126346	0.00296684
ENTPD3	3.33075	2.99028	2.45405	4.23879	2.13156	2.19748
INPP4B	2.51883	1.71318	2.20006	1.20564	1.11075	2.03742
IGF1R	10.4852	9.91406	9.84413	9.38973	11.8959	9.50109
C10orf67	0.0338208	0.209316	0.20482	0.444601	0.129244	0.379363
PCBD1	60.7446	59.5823	47.3079	51.8927	34.1588	39.0886
LOC10050629	20.4131	26.9029	23.4035	23.6758	17.5028	13.0945
VPS72	23.3719	25.0027	23.2964	29.8339	21.8253	23.6347
GNAI3	28.3246	23.0191	25.9592	23.6604	24.3268	23.9927
KLF5	84.6721	71.9734	101.972	99.4859	101.446	96.0464

SNORD36C	0	0	0	0	0	0
KIF1B	11.6021	9.6695	12.156	9.94463	12.58	11.8459
MRPL20	119.424	127.086	107.761	129.097	104.939	96.7022
SEC61G	176.451	129.221	135.426	127.805	99.7715	111.012
ALDH2	177.35	241.321	367.574	289.137	284.548	250.139
CYP2R1	26.2817	31.5242	25.6649	27.6188	29.307	21.3318
MIR3935	0	0	0	0	0	0
PBX3	11.7984	9.59596	11.6516	12.0026	11.78	10.1766
C9orf11	0	0.443126	0.426835	0	0.359117	0
NSMAF	16.5476	16.6598	17.0116	15.716	18.1207	18.4402
LOC728739	2.49116	1.80207	1.20007	1.91386	1.15392	1.69351
UBE2I	70.3879	77.0966	76.6759	82.5125	73.3405	68.0486
C4orf22	0	0	0	0	0	0
CHIA	0.429654	0	0	0	0	0.0502014
LOC285286	0.0890523	0.236203	0.0337065	0.0418093	0.113436	0.194228
RPS2P32	1.00489	1.38205	0.845232	0.733894	0.640021	0.695785
LOC285548	0	0.265849	0.0455244	0	0	0.0374751
GRINA	104.556	132.09	94.1848	104.856	96.0737	80.357
ZBED3	3.14117	2.57401	2.72587	1.6546	1.26869	1.28905
MIR4726	0	0	0	0	0	0
MIR3074	0	0	0	0	0	0
LEPROTL1	17.8023	16.4157	18.3414	13.2898	16.8452	17.0939
RND1	1.20878	1.06873	0.288965	0.597383	1.33716	0.911844
ASPSCR1	13.9399	20.4912	14.0272	23.7843	15.6635	15.5373
LLGL1	10.6442	14.2434	13.5994	15.282	14.911	15.1485
NAB1	30.1924	28.19	33.2985	27.3726	32.3258	29.7627
C1orf87	0	0.134969	0.0385205	0.0955611	0.226864	0.0317096
LINC00167	0	0.0927905	0.0793941	0.0328484	0.0223283	0.0435463
DMRT3	0.140564	0.289982	0.212816	0.351967	0.14921	0.0583958
LAYN	2.64157	2.73211	2.71655	2.90159	2.31731	2.98164
LIPG	5.89895	5.34015	4.39437	3.8398	3.30802	2.91442
LOC10028963	0.171448	0.381141	0.256807	0.154795	0.289276	0.438315
PAICS	22.152	20.8247	19.2902	19.4323	19.3356	17.1703
BAAT	0	0.116093	0.174811	0.0273982	0.151773	0
MIS18BP1	6.14861	4.91762	6.20094	3.3995	6.58262	5.21797
SULT1E1	4.53889	8.026	4.95314	6.19919	11.0378	8.15473
GTF2E2	17.0387	20.9916	18.8189	18.0317	17.0341	18.4941
TRPM1	1.98241	3.25506	1.79548	2.77556	3.05507	4.85318
LOC10050554	0	0.252992	0.0722047	0	0.242997	0
ZMYND12	0.926231	0.944367	0.509402	0.998084	1.10233	0.706828
SNORA12	0	0	36.0266	67.0308	0	0
LINC00458	0	0	0	0	0	0
SLC22A18AS	1.80649	2.63813	1.1559	1.49858	0.927502	1.25227

CERS4	101.178	103.694	69.9516	83.6673	70.7736	103.265
DOPEY1	8.73998	6.04925	9.87784	5.72897	8.91146	7.01898
HDAC8	10.5283	10.1616	8.33356	10.3263	9.02403	10.0511
DAZ4	0.960479	0.363906	0	0	0	0
LOC10029110	0.140175	0.187018	0.0537885	0.202019	0.180505	0.177719
SAA4	1.43223	5.58E-05	0.511743	0.000106846	1.95927	1.28185
MIR5096	0	0	0	0	0	0
VPS37B	16.2751	15.838	18.136	24.1026	18.7603	16.3133
ZNF449	4.05652	3.31063	3.87031	3.53854	4.90735	2.25861
LIPJ	0	0.0642689	0.110055	0.0682558	0.0462974	0.045298
TDRKH	2.64711	1.81814	1.95159	1.50639	1.82776	1.49155
ECHS1	147.634	162.667	143.602	129.763	107.16	115.683
AKR1CL1	0	0.0426607	0.0365265	0	0.0307315	0.0300681
SNORD116-1	0	0	0	0	0	0
ARHGAP31	5.84336	5.07297	5.22288	2.9858	5.06685	3.15875
ATP8B3	0.266558	0.385685	0.145071	0.0947859	0.313928	0.177827
USMG5	206.833	207.608	182.331	187.816	130.234	149.597
DSTNP2	5.38875	8.52093	4.23621	5.15726	4.09215	3.93924
TBL3	19.7397	27.7047	21.6366	26.4374	24.8236	27.365
NFIC	18.2003	12.9175	26.5468	15.1696	17.6848	15.0385
CCDC106	7.10849	11.6981	9.81965	10.0852	10.0793	9.73243
MIR4280	0	0	0	0	0	0
GIF	0	0	0	0	0	0
APOF	0	0.0553334	0	0	0	0
BRI3BP	16.6674	15.6621	19.6197	17.617	10.6712	15.2262
PIGP	28.8141	20.8074	20.7252	16.6395	18.2971	20.5033
MIR4253	0	0	0	0	0	0
ITGA8	1.42365	0.830209	1.10064	1.02392	0.578766	0.717279
LOC10013285	1.83718	1.0723	0.195575	0.86254	0.914147	0.876526
JAK2	6.53355	6.14664	8.5555	4.42602	7.99796	5.08079
BUB1B	1.86599	2.53756	1.55503	2.10616	2.13886	2.21907
STARD4	5.74075	2.31659	2.7654	2.28758	2.53242	3.06907
CACNG6	0	0.358475	0	0	0	0
CLEC4G	0.0805601	0.213678	0.487876	0.226934	1.79582	0.401613
DPY30	34.0979	35.0245	37.346	34.7797	31.1534	37.258
DOCK2	3.01193	2.10817	2.85006	1.11948	3.55687	1.57386
SNORD115-2	0	0	0	0	0	0
FAM166A	1.16718	1.44567	0.575643	1.91054	0.803281	0.540431
POLR2H	51.8859	78.4751	45.6516	60.4357	59.3091	54.6471
LOC10050765	4.32289	3.82173	9.01477	9.31252	9.25835	7.61914
GDNF	0.457755	0.475597	0.165816	0.230263	0.376676	0.38522
LOC10050555	0.511996	1.8107	0.775167	2.1634	1.14133	0.638108
LGALS16	0	0	0	0	0	0

NEUROG2	0	0	0	0	0.0567179	0
PC	26.1158	28.1662	27.5834	18.7206	15.2716	19.1147
UCP1	0	0.103871	0	0	0.0748255	0
CDS1	15.1541	10.4922	12.5866	12.7464	10.5761	15.7478
ANKRD20A1	0.192098	0.0693135	0.0854722	0.0515191	0.0873295	0.09228
ADCK4	11.6464	19.5422	15.1176	19.8261	19.0549	19.5899
ZC3HC1	8.09052	10.0816	6.53561	8.10672	8.47292	7.91779
NSD1	8.45571	6.72859	9.59745	7.0716	8.22263	7.66843
MIR4503	0	0	0	0	0	0
LOC10050744	0	0.0344037	0.147284	0.18269	0.123917	0
DDX52	8.92742	6.62655	7.61013	6.14892	8.11344	9.34106
PKI55	4.98811	4.1989	3.86647	4.26306	5.04127	4.37406
UBAP2	11.9729	12.0893	13.807	12.307	13.8647	13.0991
CMC1	18.1657	25.5786	18.1656	17.0573	22.7112	18.7271
HELT	0.599629	1.16634	0.453922	2.13956	0.229144	0.298931
C16orf55	1.96192	2.10631	1.30838	1.84222	1.42807	1.92121
MGC16275	1.41256	2.31937	0.977658	1.59164	1.1053	1.55929
NSUN6	6.34258	6.27178	6.85458	5.9164	6.48466	6.5007
PLGLB2	1.49411	1.04917	1.45458	1.02034	1.71272	1.50145
ATG16L1	18.0298	15.9807	13.5466	13.5187	19.7225	15.1357
KLLN	0.249865	0.401664	0.361103	0.191961	0.332748	0.495426
THRA	21.7146	24.3176	26.7026	24.0229	27.965	23.8733
SIPA1	10.5608	13.5079	10.6124	10.9416	13.0012	11.6569
TEDDM1	0.0403764	0.142793	0.122261	0.0758256	0.231444	0.125804
CALR	309.615	250.465	269.71	243.155	210.845	244.36
FPR1	1.92914	2.3706	0.955318	0.641858	1.65446	0.234718
TTY16	0	4.88158	0	0	0	0
TTC3	33.6556	27.3893	27.804	22.1809	24.8202	26.3592
MIR4671	0	0	0	0	0	0
PNMT	1.27286	0.519406	0.88944	0.827441	1.18485	1.03725
OR4D6	0	0	0	0	0	0
POLD1	6.70867	10.2979	6.65608	10.3739	10.2547	8.7347
ZNF512	17.8727	15.5987	14.0953	13.9222	17.4774	16.3481
EPHX4	1.12676	0.531311	0.568641	1.55174	1.05254	0.936197
KIAA1737	16.2748	14.4879	15.5818	15.5962	15.4843	15.0944
LOC388630	1.65208	1.14938	1.19938	1.10624	1.12984	1.5527
LOC285692	0	0	0	0	0	0
RASL12	11.8303	10.5977	8.15758	8.54215	6.81363	6.90986
SLC25A41	0.759516	1.15989	0.104538	0.064834	2.11087	1.54898
SNORD66	0	0	0	0	0	0
FLJ43826	0.164516	0.0969699	0.18681	0.128732	0.24449	0.0683464
SLC22A7	0	0	0	0	0.0524405	0.0256959
RN5S12	28.9436	107.979	55.1342	234.257	35.5132	57.3511

MBLAC1	2.07857	2.72492	2.22459	2.08635	2.32815	3.12653
MTMR10	14.5824	12.6109	15.8929	10.8745	14.7384	11.9599
IPO11	7.16227	6.35197	6.40918	5.50063	5.50499	5.57901
LOC10065294	0	0	0	0	0	0
FAM83D	6.50067	7.03698	4.5425	4.34325	4.3261	5.21948
IL13RA2	0.716905	0.563415	0.482401	1.12194	0.456601	0.446745
ADRA1A	0.751994	0.723861	0.754305	0.728413	0.527802	0.667811
PLK4	2.0451	1.60646	1.64634	1.63865	2.26422	2.45956
OTOG	0	0	0	0	0	0
ZNF197	5.69332	5.32289	6.43873	5.0465	6.57152	6.9161
PSKH1	15.0292	15.1112	15.7185	17.1362	14.5562	18.0748
GTF2IRD2P1	3.29025	5.15613	4.04669	4.68299	4.8952	3.94828
PDE3A	0.849743	0.584336	0.357367	0.398948	0.360804	0.29418
ARHGAP11A	2.1869	2.41677	2.03046	1.72008	3.14101	2.54073
ZNF559-ZNF1	0.581975	0.50063	1.21E-85	5.47E-28	0.352124	0.135534
PBOV1	0	0	0.0304985	0	0.0513197	0
ELL2	24.7809	19.6292	23.5389	20.9657	20.4999	23.203
AKR7A2	24.126	31.5693	45.821	51.4997	35.9563	42.3966
JUB	17.6305	22.7586	23.0305	29.9728	28.7477	24.793
MED17	9.67077	8.32658	8.83181	8.0512	10.3492	8.79436
LOC10050695	0	0.259445	0	0	0	0
FLCN	9.91773	12.167	14.0438	14.9901	21.3108	20.1261
SEC22C	18.9998	21.0043	24.1399	21.5434	21.7579	18.6946
RIT2	0.105045	0	0	0	0	0
HSD17B11	15.4682	15.447	15.2898	11.1284	14.317	9.91653
HIPK2	5.35849	10.3951	3.95016	1.40611	1.37175	1.86608
ANKHD1-EIF4	6.67879	4.56735	4.77977	3.52231	4.0352	6.87575
GTF2H2B	7.09195	7.49943	8.06691	7.52719	5.98639	5.18896
SULF1	5.27224	3.01362	2.80517	1.51107	2.16849	1.40171
PDLIM1	91.1256	103.775	71.5228	94.038	70.8619	64.6854
LINC00263	10.6182	6.32895	4.78669	5.93738	3.26741	5.05554
CBR3	28.55	43.0072	28.1846	33.0765	31.0039	28.5141
LOC10050713	0.226216	0.228578	0.195711	0.364137	0.246991	0.342352
STK36	6.29246	8.54079	5.26797	5.87171	7.62837	7.28048
GPR75	1.04717	0.684908	1.36118	0.626312	1.45312	1.71946
VCY1B	0	0	0.0528461	0.0655499	0	0.0435022
UQCR11	69.9216	108.568	69.8266	107.492	60.427	66.8209
SCGB2A2	2750.38	509.729	648.496	998.102	586.365	440.949
FLJ34747	0	0.026323	0.022538	0	0	0.018553
EIF4ENIF1	9.83166	10.8749	10.0149	10.235	11.3838	9.80547
ZCCHC2	13.0579	6.2165	8.96718	10.3911	6.37534	5.69813
CNNM2	2.49527	1.80959	2.23058	2.16436	2.03929	1.93624
PRB2	2.82384	1.49715	1.91895	3.07045	2.46783	3.52283

LOC10050741	0.235125	0.207883	0	0.662336	0	0.43956
MRPL3	36.3287	29.4868	27.9068	29.1351	23.7069	24.2344
OR4K2	0	0	0	0	0	0
YIPF5	18.6447	14.5162	17.0867	15.5038	16.1876	15.5961
FBXO4	7.69986	9.74416	9.09161	7.98155	7.43849	6.08801
ZFPM2	1.23314	0.841605	1.4248	1.09695	1.11608	0.822364
FRG2B	0.0455383	0	0	0	0	0
LYZ	37.8391	32.4727	26.0322	12.9826	43.1419	22.7402
LOC643395	0.368943	0.244647	0.279292	0.259824	0.52871	0.91964
RASSF4	12.8274	11.842	14.1521	8.89105	20.5406	11.4229
ALDH8A1	1.78759	1.26941	0.448514	0.674184	1.68672	2.04442
TPST1	6.02977	7.50803	7.91192	4.85976	8.32086	4.79081
XKRX	8.08523	5.44644	7.52485	5.71858	8.02524	8.28823
AEBP1	43.6279	44.8612	63.6503	37.2683	60.6052	46.5859
RIC8B	4.11678	3.21268	3.27737	2.6678	2.83042	2.67279
ZNF337	13.5829	16.8511	15.9739	17.4025	21.795	17.0057
TMEM159	47.8715	54.3283	63.1775	76.5559	69.383	64.8841
INPP5F	9.70386	10.3724	11.0288	11.6443	11.9482	12.4789
OR5T2	0	0	0	0	0	0
CYSLTR2	0.632734	0.839135	0.329301	0.185665	0.554114	0.271076
NR4A2	2.78245	1.52524	2.86461	6.7407	2.99495	2.32343
IL36B	0.913049	0.518953	4.01961	3.92335	1.33514	1.95446
UBIAD1	44.7801	47.5304	39.0115	42.1444	25.3139	31.7822
LOC10013081	3.22038	3.23467	3.9268	3.37573	3.40136	3.53506
LOC347411	0	0.228877	0	0	0	0
MIR2682	0	0	0	0	0	0
LOC93432	0.134081	0	0	0	0	0
BAHD1	12.478	10.8998	12.735	13.7264	12.8548	12.3239
LOC10050620	0.190567	0.973962	1.74939	1.17124	1.24063	1.09774
RILPL1	8.31078	11.7837	8.69768	10.8964	8.63496	8.25764
RBX1	71.1309	67.7271	57.3823	73.9335	63.0115	63.0928
LOC10050761	0.09148	0.121321	0.103876	0.214746	0.174792	0.171019
LOC10050724	0.353243	0.156158	0	0	0.112491	0
ZNF184	3.51543	3.22114	3.29021	3.12088	4.03019	3.44532
OTUD5	36.2783	43.4987	36.6689	43.6723	47.5675	42.1289
C9orf103	7.10562	10.5045	9.6794	10.1859	9.91869	7.75017
CACNG2	0	0	0	0	0	0
MIR329-2	0	0	0	0	0	0
KRTAP5-9	0.473971	1.34098	0.861116	1.86921	0.905623	7.97467
PRAMEF13	0	0	0	0	0	0
E2F6	4.40078	5.09189	4.30935	4.96709	4.85016	4.08437
CEP192	5.88448	5.45494	3.68966	2.72365	8.57844	7.41541
LOC390937	0.542519	0.479661	0.492828	0.407533	0.20732	0.338075

DGKA	42.6334	59.3638	50.0646	62.717	69.3494	59.9592
SNORA38B	0	46.3577	0	0	0	0
ZNF192	5.09129	3.1066	5.74049	3.08048	6.22273	3.51899
NBPF10	4.07136	2.78301	5.61679	3.39592	4.49841	4.21374
AP3B2	1.18968	1.84657	1.16077	1.0178	0.825069	0.889633
MOXD1	18.786	20.3646	15.9524	12.2711	22.2027	13.8647
3-Sep	1.90392	2.04674	1.1641	1.93823	2.22802	2.15342
COMP	9.23834	7.98564	2.74744	20.8347	3.91388	31.0978
IL17D	3.25071	2.27943	3.81849	3.26287	3.17698	2.54959
GPR132	0.943971	1.3592	2.04169	1.89937	2.6969	0.806733
ABCG1	7.15379	6.50987	7.16892	6.71841	8.1194	7.71398
LOC10050711	113.164	113.795	97.7557	97.9186	48.5756	65.0902
LOC727787	0	0	0	0	0	0
DNAJC18	2.26569	2.77106	3.03008	2.74795	2.98226	2.42373
JKAMP	18.9304	17.598	19.4623	19.5636	18.4883	17.2992
CCDC162P	0	0.163022	2.09371	1.03881	1.17436	0.804309
OR6C68	0	0	0	0	0	0
LHX1	0	0	0	0	0	0.0178781
DOK6	0.680205	0.357078	0.563192	0.419148	0.365535	0.231807
ANP32E	17.4086	14.953	17.8512	12.8091	17.9631	14.7124
SSSCA1	23.9376	37.13	27.3403	42.1937	31.9631	34.021
TM7SF3	20.7647	19.886	21.2254	17.6381	20.4992	20.7573
GJA8	0	0	0	0	0	0
LOC10065271	64.5015	21.3014	83.329	18.5788	23.8592	24.8421
SNORD115-41	0	0	0	0	0	0
CARD9	2.3703	3.71939	3.58749	3.2696	7.91458	4.24871
MIR4677	0	0	0	0	0	0
MIR4326	0	0	0	0	0	0
PTK7	25.9866	27.3724	22.7427	32.5739	31.4225	33.488
C6orf226	14.4926	27.561	14.283	24.1355	17.0676	13.4616
TAS2R50	0	0.103871	0	0.110315	0.224476	0.0732103
MIR1229	0	0	0	0	0	0
FAM109A	10.8951	12.0995	10.7581	11.7646	15.8668	14.4079
CSTF1	11.4438	13.0292	11.4904	11.4259	13.2195	12.1929
SNORD115-31	0	0	0	0	0	0
MRI1	19.5405	27.0499	23.397	24.4669	23.5001	19.6043
GPR98	0.22795	0.115894	0.176228	0.191295	0.105073	0.114878
OR10H1	0	0	0.0771488	0	0	0.0635079
SNORD18B	0	0	0	0	0	0
LOC400550	0.463529	0.0848551	0.157724	0.0703468	0.16997	0.105043
LOC10050681	0	0	0	0	0	0
OR10W1	0	0	0	0	0	0
CDO1	35.4091	28.8579	28.9512	17.2744	13.7329	6.77988

LOC10016975	0	0	0	0	0	0
CPT1A	10.8147	11.5876	11.9789	17.2329	13.1878	12.169
ZNF280D	13.7145	11.0182	12.9754	10.6828	15.3866	13.5327
RCN2	27.8896	23.5968	24.7479	20.4647	22.0274	25.0911
EXOSC5	16.3374	23.4462	15.1457	19.5648	21.791	21.7633
LOC10050895	3.85969	5.23764	5.74205	4.54188	5.47541	5.71881
MRAP2	2.35374	1.95862	1.88661	2.25346	3.02762	2.24327
DROSHA	10.0599	9.49369	9.90806	8.40808	10.7792	10.0971
PLCH1	0.531054	0.0993371	0.178103	0.177298	0.139972	0.13695
DPCD	16.8937	15.9135	19.2428	22.9791	18.9049	21.0549
PSG9	0.0618713	0	0	0	0	0
CTSS	8.72427	6.12048	6.04799	2.71598	8.09318	4.10702
CRIP1	10.0759	10.3932	10.088	8.44375	9.10852	10.2622
MGC4294	0	0.108282	0	0.115	0.23401	0.152639
TOR1AIP2	12.804	11.462	11.1759	10.6103	11.778	12.3909
LOC10050737	0	0	0	0	0	0
LOC10050767	0.601191	0.74415	0.182042	0.451607	0.382902	0.149855
EFS	40.6139	52.0081	45.6473	56.6913	64.7088	63.2023
DEFB105B	0	0	0	0	0	0
C10orf81	5.00661	1.77554	0.728334	0.826257	1.71938	0.987426
SLC7A8	14.7908	12.0046	8.56933	19.6239	9.88274	20.7434
DCTN6	34.8273	35.8048	34.8716	32.7974	31.0157	27.2548
ABCA7	6.30147	8.72146	7.32989	6.95343	10.1537	8.9681
C14orf101	6.81359	6.32636	6.88299	5.52056	7.43105	7.28484
MIR509-3	0	0	0	0	0	0
NMNAT2	1.85158	1.8397	2.04231	1.62297	0.84242	0.747337
MIR4798	0	0	0	0	0	0
ZNF414	13.9182	21.5645	14.429	23.6238	21.6068	20.2469
DZIP1L	3.00741	5.61221	4.53747	5.24016	6.00433	4.13706
LOC10012907	0	0.0241993	0	0.0257005	0	0
PSD4	15.0723	14.0024	12.5682	12.3746	12.8036	12.8013
CSF3	0.0731994	0	0.0554124	0	0	0.182473
PIDD	9.33352	18.7996	13.8406	20.2872	26.7806	20.5995
BSDC1	44.3448	43.0482	44.2014	43.2785	46.9003	45.2698
ZNF28	4.23155	2.83941	3.1376	2.44517	3.57948	3.48884
PCDHA10	0.272865	5.55E-07	0.0724225	0.165266	2.68E-33	2.80E-06
IMPAD1	21.7918	14.6363	20.6206	14.9512	13.4519	12.2021
MYPN	0.0332989	0.0147204	0.0126037	0.109435	0.0212082	0.653639
USHBP1	2.73205	6.39181	4.10454	3.8283	4.25645	3.14308
STAG1	8.8338	6.26141	9.18436	6.10735	7.62042	6.80557
C16orf96	0.114937	0.0762149	0.130512	0.134905	0.256214	0.340213
BBS5	5.17458	7.97171	6.31269	6.75528	6.55818	5.31569
TBC1D3	5.36755	9.01971	4.38653	5.90764	9.00922	7.96057



SMAD4	11.0746	10.5828	12.2202	11.4317	11.9229	10.2544
CLRN3	0	0.087873	0	0	0	0
SUSD2	9.76113	10.8015	16.2375	21.9798	16.9678	16.8147
PRR14	22.9308	35.1329	24.4784	34.7328	36.5993	32.3553
ICT1	27.0809	30.6965	28.9108	33.3831	24.3241	27.4338
FAM138B	0.0856799	0.205981	0.038153	0	0.225422	0.212312
LOC10012903	1.17558	0.346459	1.08768	0.367951	0.249578	0.895367
GABRB3	0.709986	0.230849	1.08828	0.618384	0.551728	1.08995
SYCE1L	3.4824	8.86727	6.11597	11.6201	4.87951	5.295
AHSG	0.135857	0	0.0514224	0.063784	0	0.211652
LOC10065273	6.15118	4.55269	6.33152	2.83096	7.84414	4.8113
SNORD115-1	0	0	0	0	0	0
MIR4430	0	0	0	0	0	0
STX1B	3.38895	4.73001	3.66263	3.42234	5.4572	4.31668
DOC2B	2.35934	2.1808	2.59787	0.201399	2.11741	0.935609
CSN1S1	0	0	0	0	0	0.311054
RNU5F-1	0	0	0	0	0	0
ZCWPW2	1.46833	0.395105	0.918221	0.299725	0.731884	0.63652
FER1L4	2.65333	2.30745	2.90861	2.70927	2.76113	3.06294
SPINK9	0	0	0	0.363355	0.246461	0
GLT8D1	23.5101	25.4307	23.1063	24.5709	23.9778	23.2583
PAN3	17.2848	18.5335	18.3655	17.0287	20.9853	17.4284
ONECUT3	0	0	0	0	0	0
LY6G6D	5.4126	3.91539	2.9799	78.0832	0.940176	296.815
TAF8	4.94135	5.04401	5.10086	4.80857	5.82227	5.12274
MED13	8.14719	5.68299	8.09608	6.29758	7.08111	6.72069
CCNG2	19.949	17.6377	22.1144	13.7564	23.858	20.1504
PLEKHA3	8.10087	5.28127	5.48199	3.64962	4.66438	4.07929
MIR589	0	0	0	0	0	0
MSMO1	673.943	495.549	420.677	452.381	294.658	413.436
LOC494127	0	0.0724919	0.0620682	0.0769889	0.208884	0.153281
KLF13	29.062	30.3406	38.6539	29.236	33.5478	25.5586
SNORD72	0	0	0	0	0	0
SMAD5	17.4904	13.8982	16.7965	10.8416	18.6165	14.4413
PATE2	0	0	0	0	0	0
NARFL	21.7132	30.403	17.5897	27.2612	21.7763	21.5205
LOC10065303	52.1303	53.9957	32.1198	49.3359	40.3361	27.6693
TFB1M	5.24339	5.05381	4.03791	5.07484	5.63962	4.81244
PRKCDBP	24.4591	43.052	36.182	42.7729	32.514	26.918
MINPP1	9.34358	6.17781	9.11609	6.56651	12.2617	11.8576
PLA2G4A	9.96428	8.47907	6.77069	5.7479	5.95643	7.41729
PSMA8	0	0	0	0.0584481	0.0396449	0
CRP	0	0	0	0	0	0

TMEM205	64.8968	84.4436	60.5239	78.8324	68.3871	52.9472
MYCN	1.2739	1.33108	1.63647	5.14715	1.86857	4.28191
NR2F2	16.2696	15.1862	12.3282	11.69	11.692	8.69755
MIR1227	0	0	0	0	0	0
TRIP13	1.69784	2.13837	1.54201	1.9127	2.08061	2.14319
ZNF426	2.6322	1.31876	2.3911	1.89489	2.3191	1.94099
LOC388789	86.4905	108.405	77.0132	96.4601	69.2272	68.3524
BUTR1	0	0.154093	0.131936	0.327304	0	0.434431
KREMEN1	24.7848	26.8456	31.2136	27.0387	35.2951	33.1436
ASCC2	31.4853	37.9027	29.033	34.6731	35.5764	38.1736
ABLIM2	2.41285	3.13677	2.72966	3.17009	3.74749	3.01536
LOC10013224	0	0.141285	0.120969	0.750245	0.407108	0.597481
MIR1267	0	0	0	0	0	0
JAZF1	6.49097	6.44944	7.69813	6.32711	6.53587	5.08502
ZNF141	2.26258	0.800173	3.13196	1.39612	1.72926	1.16824
FAM25A	115.283	68.8547	137.347	153.679	146.332	213.847
DYNC1LI2	55.0118	50.6572	57.5596	49.8262	55.7574	44.95
GIMAP8	6.83096	6.19268	7.32569	3.88103	5.95853	3.68611
OR4F6	0	0	0	0	0	0
LHFP	30.4357	31.1494	31.1993	21.9356	28.3664	20.2977
TNNI3K	0.00015449	0.222417	0.136595	3.24E-12	0.228225	0.575461
TLL2	0.0422235	0.0248876	0.0532724	0.0660787	0.116534	0.0526238
F2	0	0.0454407	0.0389067	0.0482596	0	0
PLAC4	0	0.0416497	0.0142643	0.0530801	0.066007	0.0821955
MYRIP	1.11001	0.858727	1.29044	1.28424	1.17408	0.963457
PCDH1	23.5046	16.718	24.8575	21.129	23.477	26.8274
LOC10050579	2.3222	1.89321	1.69802	1.25884	1.23624	1.49792
DEFB128	0	0	0	0	0	0
LOC10050637	0	0.218303	0	0	0	0
TUBG1	22.3854	24.026	20.2037	20.6188	19.0142	18.9649
CCNE2	1.58946	2.22715	1.6553	1.22819	2.15548	2.05443
PON2	59.8393	63.4407	61.945	62.3777	67.8406	68.0555
KIFAP3	12.8455	11.2037	12.6012	10.0666	10.4644	11.7569
OSGEPL1	4.25943	4.65887	3.92248	3.38106	4.97823	4.24141
SLC25A43	16.807	14.8247	18.5007	15.4844	17.8828	16.6342
UPK3BL	72.235	124.172	71.8847	117.914	23.9515	22.3286
HSP90AA6P	0	0	0	0.912212	0.618746	0
MIR324	0	0	0	0	0	0
PSAPL1	108.533	104.783	105.093	100.727	120.587	154.93
RACGAP1	6.50895	6.79117	5.60449	7.12556	7.38724	8.61185
KIAA1683	1.39599	3.23707	1.99972	3.07827	3.30291	2.56624
ACCN2	1.94254	2.03796	2.09774	2.31026	2.21309	1.63896
SLC22A1	0.606176	0.347289	0.0412989	0.320168	0.376996	0.512566

LSG1	17.2879	18.2981	14.4394	16.4911	17.6102	14.8494
TRPV4	9.61213	7.72606	8.0275	12.1908	9.46969	11.4081
ZNF143	4.89684	5.40438	5.80327	5.39082	4.88257	4.44046
EID1	83.7976	75.0016	74.9757	69.1722	72.5396	55.4675
LPIN3	30.6016	36.8319	34.8392	43.7284	43.2583	54.3961
NBPF22P	0	0	0	0	0.0121509	0
MIR718	0	0	0	0	0	0
C14orf86	0	0	0	0	0	0.0262881
SNORD114-8	0	0	0	0	0	0
KLHL34	0.105443	0.093226	0.0798209	0.0660062	0.0223857	0.0657076
AGK	11.7116	11.9801	11.5719	13.7143	14.9184	12.3051
LOC654433	5.20168	6.76452	0.403069	0.680594	1.71294	1.6675
LOC10050643	0.32352	0.429055	0.122453	0.303781	0.618156	0.403208
SGSM2	24.8445	29.6426	33.1809	39.7125	42.8026	39.5038
PPEF1	0.973253	0.198067	0.195364	0.297998	0.287628	0.197766
EXOSC2	12.9598	14.9205	12.5986	13.2634	13.5986	12.114
SNORD1C	0	0	0	0	0	0
LINC00256A	0.280761	0.408987	0.287693	0.248381	0.284107	0.277974
OR13J1	0	0.112617	0.0964235	0.598015	0.324503	0.476248
NAA30	8.7937	6.31945	7.77183	6.42674	7.06302	7.04554
IMPG1	0.392874	0.187037	0.228775	0.113508	0.153984	0.15066
KLK4	0.407424	0.144088	0.123369	0.535591	0.622778	0.761669
ZBTB20	0.17338	0.164354	0.12866	0.170613	0.165142	0.205942
EXTL2	7.95423	8.08469	9.57336	8.80804	8.24822	9.74963
PRADC1	31.0264	47.1598	31.0481	45.2964	26.3253	27.7435
GP1BB	4.15721	17.8392	5.55897	16.6785	4.06302	2.81328
CELF6	2.6199	3.70553	2.83793	2.91259	4.39989	4.01641
FAM154A	0	0	0	0	0.0683619	0.0334431
SFN	599.307	955.352	631.291	940.131	689.702	1015.51
LMBRD1	31.6932	24.5915	29.8647	28.4349	27.7937	25.7471
MIR511-2	0	0	0	0	0	0
CCR8	0.0725197	0.0641174	0.164693	0	0.692823	0.135574
HFE2	0.228877	0	0.333537	0	0.0468493	0.0458381
C19orf28	43.5791	60.5743	40.8358	49.6179	44.3154	49.8144
FOXD4L2	0.0265676	0.0220801	0.204501	0.0803322	0.100524	0.0609328
CCNB1	7.41782	9.46837	5.20626	8.3029	6.16369	7.77554
ATP1A3	0.248919	0.0978128	0.125622	0.103881	0.105692	0.0861755
SLC7A3	0.181871	0.251254	0	0.26684	0.115834	0.127503
DDX21	23.4536	14.7287	21.0536	15.8844	16.1913	14.1043
BPIFA2	0	0	0	0	0	0
MIR181B1	0	0	0	0	0	0
LOC10050594	0	0	0.201622	0	0	0.165973
HIGD1A	48.0202	35.5887	42.2824	36.3228	33.8717	34.2206

GLUD2	32.1745	22.1622	28.3644	25.6211	21.6193	19.2543
HIST1H2BA	0	0	0	0	0	0
SNORD95	0	0	0	0	0	0
ZFHX2	0.288132	0.24565	0.272647	0.164263	0.268715	0.27574
SH2D1B	0.198837	0.0351598	0.150521	0.186705	0.12664	0.148688
RNU1-8	48.9911	54.6816	23.1387	70.2567	31.6046	27.9645
CHMP3	59.5191	52.6802	53.7523	51.6229	50.846	44.4294
HERC3	11.6742	6.6951	10.181	8.23995	10.412	8.90928
OR2C3	0.109531	0	0.0276386	0	0	1.07E-09
RNASEL	5.15657	4.11334	3.73006	2.41021	4.77311	3.7989
NDE1	9.66184	10.4367	9.03383	10.0358	12.7803	11.5692
VSIG4	3.79422	2.62086	4.5071	2.67269	4.01225	1.86438
NFIA	11.5035	10.3021	11.1894	8.81886	9.26657	7.71676
MS4A4A	3.73632	2.4316	2.12899	0.800667	2.24046	1.01212
XAGE-4	0	0	0	0	0	0
BANP	6.00852	5.87078	5.61116	5.23441	5.99576	5.56677
MGC16703	0.238946	0.0795162	0.0709618	0.274163	0.0970732	0.180452
LOC10050731	5.72416	9.73967	6.61643	7.02623	7.29462	6.51498
WDR49	0	0.034288	0	0	0.0741002	0
LOC253962	0.227201	0.200877	0.114662	0.0711127	0.241176	0.094388
MPDU1	42.5065	40.3251	34.5534	40.824	37.3735	43.6668
NLGN4X	0.556287	0.405425	0.488186	0.462378	0.766904	0.549735
XPC	16.284	21.3213	21.7837	18.3751	23.4521	18.9888
C20orf112	4.5578	3.2125	4.33095	3.23222	4.46598	3.81345
MIR888	0	0	0	0	0	0
ARID1B	10.0888	8.85905	12.0291	9.41785	11.6676	10.9991
ASB13	14.1411	15.9926	14.1162	15.6785	13.8087	13.6929
HMMR	1.94753	2.32704	1.6547	1.15536	2.02365	1.77822
LRRC36	0.300941	0.469353	0.622084	1.98891	1.31944	0.599792
MIR7-1	445.654	394.019	0	418.462	283.839	0
MTCH1	136.423	147.07	132.756	168.101	157.119	137.785
LOC643201	0.0678944	0.120056	0	0	0.0432423	0.0423089
SNORD58A	0	0	0	0	0	0
RAB9BP1	0	0	0	0	0	0
RASGRP1	4.66155	3.32907	4.57502	2.52188	6.83215	4.27723
CXADR	24.6885	25.7735	31.7868	24.5357	28.914	22.6966
STEAP3	8.43082	8.30499	7.28043	7.67944	10.6473	9.1729
LOC10050668	7.63609	7.24535	5.3576	3.49764	4.74485	6.4994
TDP2	34.8514	31.4335	30.916	25.2276	33.3987	32.7786
LOC10028936	2.03323	2.19714	1.19713	2.96983	1.15109	2.39327
PCDH11X	0.0519013	0.0616951	0.0355506	0.102802	0.0528913	0.121423
EIF5	59.2944	47.3411	51.534	44.8273	48.0027	54.2516
ZNF221	0.208637	0.0737856	0.252704	0.313452	0.212612	0.260028

RNF180	2.38057	1.62177	2.73259	1.35601	2.11266	1.44699
RAB32	12.0429	17.4983	13.5688	15.954	13.9133	16.1727
FKBP5	104.791	63.9585	58.4563	47.2468	31.5303	26.2974
SNORA40	587.541	649.333	277.982	275.846	374.208	137.299
ZBTB48	7.95259	17.0977	12.6653	15.914	16.496	15.6525
LINC00207	0	0	0.138472	0	0	0
EIF4E3	11.2383	9.87398	10.9625	8.94343	8.41743	7.23675
SLC7A5P2	0.750086	0.59337	0.814389	0.741388	0.666879	0.68906
ATIC	22.9529	22.6938	18.0855	19.6521	17.857	16.7948
SNCAIP	1.70558	2.11601	2.04082	2.3506	2.75077	2.62282
C3orf18	5.71368	5.69356	3.8826	3.38678	5.39746	3.66447
ANKRD10	42.0026	48.8469	34.5225	35.4502	49.7836	36.4876
ZNF267	6.01793	4.09077	4.02908	2.41363	4.98849	3.56167
ITIH3	0.523111	0.231251	0.148499	0.0306996	0.499759	0.183364
MIR4510	0	0	0	0	0	0
MIR2467	0	0	0	0	0	0
PRHOXNB	0	0	0.227197	0	0	0
GNPTAB	15.9834	11.5403	16.4724	13.8402	14.4668	12.3281
LOC10013131	0.299422	0.468529	0.563783	0.594819	0.285554	0.581653
TAS2R60	0	0	0	0	0	0
FAM170A	0	0	0.0685212	0	0.230602	0.0564058
LRRC46	0.703604	0.621491	0.450391	0.304799	0.37896	0.235995
LOC493754	7.31643	7.68824	8.46678	8.92538	7.84923	5.88597
KRTAP19-3	7.2643	0.875814	0	8.06125	0.63091	780.462
GMPS	16.9541	11.024	15.233	13.1762	12.2921	11.078
PLAC1L	0	0	0	0	0	0
MIR1205	0	0	0	0	0	0
NYNRIN	6.44779	6.17045	9.02164	8.73008	11.2971	9.53331
LOC10012469	0.0832976	0.0736465	0.0840757	0.104287	0.141474	0.0865126
STGC3	0.634863	0.320746	1.23582	0.596127	0.519876	0.39562
GOLGA8J	0.194469	0.208939	0.306888	0.110505	0.297082	0.224567
CHST8	0.285916	0.346583	0.227102	0.324514	0.137571	0.332352
CLCN6	6.18229	6.82197	7.66358	6.15573	9.64735	6.98983
C2orf47	15.4679	12.0402	13.5512	9.00212	9.52718	9.79929
PMVK	244.298	296.968	182.358	241.217	154.077	188.682
CKLF-CMTM1	4.46E-121	7.16E-07	3.34E-57	7.77E-41	7.17E-08	6.48E-17
GLRA2	0.175551	0	0	0.0309071	0.0943393	0.227909
FAM3D	5.7386	4.10373	3.19455	4.59603	5.48242	4.25971
LOC10050649	0	0	0.145613	0	0.0612558	0
GPR141	0.131177	0.463915	0.297906	0.123173	0.584833	0.326977
CSTA	214.502	166.109	224.97	210.453	287.797	287.584
CXCL10	30.8682	68.6773	1.88334	0.0865215	2.34747	0.0574201
OSBPL1A	30.4556	23.5137	25.8141	21.2078	20.2242	20.3834

XAB2	21.7797	32.2943	26.0478	32.913	32.1745	27.2622
ANKFN1	0.208637	0.184464	0.979226	0.705266	0.770718	0.910098
RFXAP	3.07542	3.68796	4.25482	2.58903	4.66047	2.84166
MIR155HG	1.53863	1.74904	0.610109	0.206393	1.35328	0.365261
CRTAC1	0.851821	0.817454	0.84053	1.81124	0.637115	0.738963
RPS24	1399.65	1698.76	1773.51	2069.71	1820.05	1779.77
LINC00230B	0.372893	2.63751	0	0	0	0
NKAIN3	0	0	0.103378	0	0	0.0425496
RGR	0	0	0	0.0763774	0.0518062	0.202753
OR5L2	0	0	0	0	0	0
KDM3A	23.643	19.5337	26.0932	20.4502	31.3302	27.626
PARP16	7.51934	7.14052	7.46905	8.03177	8.26052	8.1566
C1orf186	9.18282	11.2415	11.8404	7.86449	18.0599	13.5198
CCDC105	0	0.0531005	0	0	0.038252	0.0374263
C4B	1.90619	1.86266	1.4028	0.980776	1.83415	1.01129
SLC6A1	0.646896	0.591009	0.571321	0.850395	0.961361	0.362806
LOC10050673	3.08209	3.26282	4.88122	4.60761	4.31344	3.79072
SMPD4	22.1239	28.057	23.5095	26.956	26.8851	26.1072
CYS1	1.6949	2.28037	2.37086	2.45643	1.64271	1.63021
MIR1273G	0	0	0	0	0	0
GPR151	0.176532	0	0	0	0	0
LOC144571	1.38147	1.7431	1.44288	1.52623	1.92633	1.51432
UBE2E3	39.0861	47.1995	45.45	45.6978	39.3318	35.7494
LINC00230A	0.375931	2.99137	0	0	0	0
SNORD116-1	0	0	0	0	0	0
MIR4501	0	0	0	0	0	0
D2HGDH	26.6549	52.1216	40.179	51.2627	63.9742	49.5557
RALBP1	25.3911	23.2179	29.8191	24.428	29.1063	25.2135
LINC00342	23.4714	20.7025	19.7328	21.8817	27.8161	21.9521
TMEM215	0.0714169	0.0473568	0.0270315	0	0	0.011126
FIGF	1.29746	2.42813	1.99907	0.769634	1.27261	1.27E-05
PPP2R3A	7.48135	6.07102	8.72976	9.35313	8.24875	6.78758
ETFDH	44.3136	28.2855	28.1129	22.7737	22.1108	22.0107
C9orf46	25.3233	24.5761	23.093	22.1192	19.9544	19.0099
LOC10028833	0	0	0	0.0485027	0.065798	0.0321889
C9orf50	0.131314	0.1161	0.0994057	0.061651	0.250904	0.0818295
LOC10012836	0.18507	0.0409068	0	0.0434444	0.117872	0.0288319
SNORD47	0	0	0	0	0	0
ZNF609	6.03958	5.22331	6.70837	4.49562	6.74212	6.54184
RPS17L	992.501	1498.66	1130.09	1572.35	1154.91	1091.79
ARID3C	0.3603	0.159277	0.545499	0.592053	0.286847	0.56131
LOC10028951	0.670336	1.17387	1.77042	0.617976	2.00625	1.67585
DEFA1B	0	0	0	0.203782	0.0691119	0

SLC29A1	59.8611	62.1527	74.2217	66.2637	63.5099	52.0027
PKHD1L1	0.280799	0.271909	0.369461	0.19461	0.740919	0.358297
MAPK15	3.74968	6.58171	5.88578	8.33623	8.745	7.18174
CSF1R	11.5885	8.06261	11.0489	5.05043	16.7235	8.77541
TAS2R4	0.538488	1.42829	1.32482	1.13767	2.65799	1.42614
LAMTOR3	15.7638	13.2964	14.105	10.6141	14.1098	13.1512
ERVW-1	0.130454	0	0.123349	0.269268	0.160905	0.385474
ZBTB40	6.32626	6.69847	7.88312	7.03236	8.12168	6.1369
IMMT	39.185	36.4702	30.8729	31.0439	28.5324	25.9636
SNORD11	0	0	0	0	0	0
C6orf52	1.9012	0.251448	1.87993	1.08623	1.1321	2.33654
HIST3H2BB	1.16579	0.343572	0.882507	0	3.46498	2.66372
MAGED4	1.61886	3.07678	2.26678	2.77384	3.89163	4.05978
TRIM35	9.24522	10.5124	9.78423	9.26418	11.3079	9.04313
LINC00189	0.205307	0.18152	0.466256	0	0.130761	0.255878
CSPG5	1.04697	0.8001	0.756712	0.699552	0.537122	0.888712
TNNI3	0.88099	0.908735	1.44498	1.24085	1.68332	1.64699
ZMYM5	8.79516	6.74894	5.8983	6.3865	8.20516	6.75576
MIB1	8.63581	6.45989	9.38736	7.10838	7.80756	6.02016
SEC24A	9.50826	4.69237	6.8017	4.57636	5.65595	5.0401
MCF2L2	0.141735	0.125313	0.168605	0.171112	0.219232	0.126176
GPR87	37.5765	31.037	40.5831	34.4215	40.5775	49.8251
ADAMTS19	0.0757244	0.167377	0.0573238	0.017776	0.0723439	0.0471882
OR52W1	0	0	0	0	0	0
GTF3C2	18.2333	19.4418	21.3668	24.055	25.4702	21.3893
CLOCK	1.94916	0.847058	2.50089	1.24083	1.56757	1.36904
LOC10050751	0	2.64E-11	0.897627	0	0	1.16E-10
LOC10065274	124.931	127.321	137.661	89.4007	112.412	82.8645
PI4KAP1	11.6561	15.6548	9.67565	10.8102	37.5729	32.4313
PCK1	17.5932	6.67106	6.447	2.77082	5.37659	3.7941
LIN7B	8.02474	15.5485	13.8298	19.5592	22.4014	26.3866
CD1C	5.51159	5.11322	8.47197	2.18674	14.0662	3.72483
C1orf183	5.74673	5.88552	5.05383	4.95649	6.28639	5.06362
LOC729706	0	0	0	0	0	0
C21orf49	0.590633	0.445609	0.654066	0.554595	0.602019	0.712571
MIR2053	0	0	0	0	0	0
PRLHR	0	0	0	0	0	0
TTC30B	2.5818	1.24204	2.78794	1.6756	1.9588	2.03474
DMRTB1	0.0545233	0	0	0	0.0347262	0
TMEM50A	56.362	43.3749	46.3058	41.6195	43.631	41.3562
RNF125	4.39155	5.06193	5.40528	4.50541	4.11263	3.45626
PTEN	18.828	19.2781	20.1173	17.5329	18.2851	18.3756
DHRS13	10.7611	11.9048	7.12284	11.3739	8.67921	6.47

RAMP2	50.3789	80.7282	53.4528	46.3481	37.4361	33.8122
EDIL3	3.04312	1.41918	6.22747	2.54344	3.34389	2.06305
LOC10012909	0.21083	0.298244	0.0957598	0	0.134279	0.13138
LOC10050747	0.0579472	0.1537	0	0.217646	0.0369069	0
ATP5I	519.025	695.422	483.066	648.738	515.693	528.48
MCM3	25.105	27.7735	19.2699	20.4022	22.0769	19.0393
MIR4506	0	0	0	0	0	0
MICALL2	12.9886	24.41	14.119	15.14	26.8823	18.7198
SGCZ	0.0939959	0	0	0	0.0299333	0
MIR4436A	0	0	0	0	0	0
LOC10050614	1.15E-09	1.34E-09	6.44E-09	1.83E-10	3.67E-11	0.217573
SNORD113-3	0	0	0	0	0	0
JSRP1	0.396699	0.0876841	0.0750759	0.279371	0.063165	0.185405
HPS1	21.3664	27.623	18.5098	23.8065	23.8752	20.3327
PRCC	28.6246	34.9696	27.9281	35.0505	28.1167	31.8185
SPDYE1	0.53795	0.710368	0.543125	0.599974	0.815214	0.768023
BEX1	1.42919	1.38926	0.546196	1.07539	0.910258	0.710514
MBD4	18.2202	17.978	17.8191	15.0979	20.2731	15.9602
LOC10028920	0	0	0.0647271	0	0	0
ALKBH3	15.806	16.5648	11.4495	15.4173	13.7119	14.6046
PRSS23	14.6969	8.35985	12.351	11.3152	9.60603	13.0973
GPR22	0	0	0	0	0	0.0208995
LOC285547	0	0	0	0	0	0
C12orf68	0.30334	0.229881	0.196826	0.610353	0.331198	0.216033
LOC151009	13.7424	14.5553	9.47994	13.0801	11.7996	11.3988
POU6F1	6.20018	9.01577	7.00571	9.64891	9.73827	7.05577
MAPRE3	20.7917	25.4468	24.6993	26.4844	29.4433	29.0972
TBKBP1	4.49686	6.22396	4.9369	5.5047	6.56788	6.17669
SMG1	20.8057	17.9652	22.7024	15.0882	23.4324	19.92
MIR558	0	0	0	0	0	0
MLLT11	3.32371	2.7707	2.80362	3.83427	2.7822	6.89413
NLGN4Y	1.5456	1.51857	0.0143602	0	0.00604088	0.0118211
LYSMD1	5.65036	5.19728	4.83555	4.02094	6.7862	5.9252
LOC10065287	0.974803	1.51952	1.15647	0.627584	1.29284	0.892493
SNORD42A	0	0	0	0	0	0
RNH1	104.473	137.162	157.764	182.311	148.098	155.611
MIR3179-1	0	0	0	0	0	0
LOC10050610	0	0	0	0	0	0
KIAA1826	6.10035	3.79234	4.96074	3.31158	4.47726	3.41539
HAUS8	4.24843	4.99549	2.98334	3.35169	3.03062	3.79879
FANCM	1.1479	1.21552	0.980117	1.02773	1.13917	0.923268
UGT1A10	1.17E-08	9.05E-09	0.0885751	8.26E-09	9.23E-09	7.27E-09
TMEM183B	24.5629	23.8504	22.1539	26.7242	22.5009	23.1719



TERF2	9.42421	9.60734	8.70827	10.7702	9.48411	8.23441
CALU	25.8318	17.307	21.5754	18.4245	17.8181	16.129
BBX	5.28279	3.72128	5.54349	3.7891	4.47228	3.73202
DLEU1	6.43676	7.91788	6.88528	9.06602	6.32765	6.88865
GPR35	1.89723	3.80667	2.34527	4.08111	3.32502	2.97302
RNF7	27.098	34.5368	30.6145	36.881	33.1534	28.3844
MIR148B	0	0	0	0	0	0
ZC3H15	37.5949	30.3062	33.8821	28.8457	28.5679	30.8273
NDUFA11	97.5239	149.872	112.084	157.079	121.819	112.645
PARD6B	3.04069	2.85525	2.95268	3.4065	3.47258	3.56751
MIR630	0	0	0	0	0	0
GCN1L1	17.3675	17.1601	18.0559	17.2201	17.3118	16.4415
WFDC9	0	0	0	0	0	0
FGB	0	0	0	0	0	0
LOC10050750	0.134226	0.158232	0.10161	0.21006	0.0569929	0.083644
MIR3621	0	0	0	0	0	0
CD160	0.823633	1.57778	1.14307	0.902275	1.66116	0.898193
OR13D1	0	0.098718	0	0	0	0
NDNL2	11.9994	11.1704	11.2944	11.2076	11.5244	11.513
GNAI1	21.7357	19.2699	30.3195	18.12	25.6419	22.8093
ACE2	1.12109	0.594719	0.721372	0.210538	0.606925	0.646221
GM2A	76.7606	63.6723	66.2284	65.3405	61.3694	65.4221
RN5S16	40.8616	221.907	28.0683	297.386	0	34.2456
BMP1	12.6447	17.8678	15.9713	16.6432	18.1305	17.8402
LOC10050567	1.30283	0.383959	0.219166	0.135926	0.553186	0.451037
IGDCC3	0.021639	0.0382638	0.0491426	0.0609562	0.013782	0.0809072
ROPN1L	0	0	0.377359	0	0	0.0776591
HCG18	4.01212	3.70454	4.10369	4.39078	4.43554	3.88942
NPM3	25.0732	31.8566	22.9876	30.0832	24.3975	22.8293
ALDH3A2	91.7051	89.35	118.675	109.905	145.609	145.368
MPP7	11.7926	8.77569	14.7058	7.74071	12.667	10.8502
TMC7	0.926323	0.935863	0.484514	1.07667	0.800467	1.70335
LOC10050717	0.041898	0.0740871	0.031717	0	0.0266851	0.0261091
SYNE2	56.4844	65.7609	54.1196	59.0321	72.8191	62.5803
LOC10050978	0	0.570051	2.92849	0	1.23194	2.4107
LOC10050695	0	0	0.118506	0	0	0.195106
LOC401180	0	0.113181	0	0	0.159656	0
LOC10050638	0	0	0.116187	0.0720589	0	0
GEMIN6	12.729	11.0837	6.86194	9.59808	8.23	10.5762
HAPLN4	0.114438	0	0.0649726	0.214911	0.127551	0.142626
CHERP	13.5323	15.5637	14.9487	17.5203	16.2935	15.2713
LOC152225	0.100496	0.177705	0.0760762	0.0943643	0.128013	0.187875
LOC10028716	0	0	0.215449	0	0	0.177355

EXOSC9	13.6623	13.1673	13.2315	12.0879	13.9962	12.4155
MIR1261	0	0	0	0	0	0
LOC10065276	0	0	0.442629	0	0	0
MTX3	7.12309	6.24432	7.47679	6.21191	8.86548	8.24456
SPRED1	7.87727	5.91005	6.67753	5.95669	6.59483	5.97058
COL6A1	146.004	182.026	171.782	108.547	194.036	143.118
MIR4289	0	0	0	0	0	0
LINC00208	0	0	0	0	0	0
LOC285540	1.52701	0.540034	0.770636	0.764714	0.518699	0.951568
IVNS1ABP	62.7627	52.4399	52.9934	68.6249	55.8799	47.6309
EMBP1	1.47041	1.05639	1.20598	0.798213	1.60966	1.32674
LY86-AS1	0.561287	0.270684	0.193135	0.431214	0.162494	0.0953919
DHRS4L1	4.54987	5.91516	2.45358	4.07658	3.95818	4.03951
MPP3	4.01173	5.30444	2.82193	2.63375	3.52725	2.72114
VPS53	5.27631	6.49262	6.12097	6.65462	7.61082	6.99315
BRDT	0	0	0	0	0.0209864	0.0205334
MTMR3	10.5132	10.1165	13.3268	11.3511	12.5165	11.7749
LOC10013248	0	0	0	0	0	0
DNM3OS	5.41068	5.52353	8.51579	3.40138	9.04384	4.80992
MIR4508	0	0	0	0	0	0
NSUN7	2.64906	1.92055	1.76471	2.3133	1.48473	1.53522
RTP4	9.34947	9.59289	2.00969	2.27604	4.3374	2.01399
MIR4687	0	0	0	0	0	0
FLJ45832	0.0296387	0	0.0224366	0	0.0566311	0
FOXN4	0.0882358	0	0.08906	0.193321	0.0187326	0.0733131
GPR85	0.165683	0.181614	0.093577	0.15345	0.154214	0.079015
RAB33B	5.95924	4.15252	4.62587	3.05075	4.43877	4.23283
DNAL1	1.65656	1.45576	1.70661	1.40152	1.28069	1.30106
GBX1	0	0	0.0629633	0	0.158922	0
SCMH1	15.2044	18.1246	13.4013	14.9874	16.0636	12.8639
TTC16	0.347254	0.275839	0.0262643	0.163493	0.243268	0.151145
ITLN2	0.694624	0	0	0.185252	0.188482	0.368827
CYP1A2	0.253473	0.196092	0.0959403	0.0595018	0.0807192	0.0789768
MICU1	19.7341	17.4675	21.4529	22.7667	23.1289	21.2431
TGIF2-C20OR	2.93E-37	1.23E-48	6.83E-14	1.14E-42	1.25E-73	1.73E-47
ZNF280A	0.0954544	0.16879	0.0722595	0	0	0.0297416
RPL31P11	0.96162	0.972674	0.675955	0.83845	1.05041	0.684847
LOC10050550	1.13231	0.66741	0.380961	1.06322	0.480782	0.235202
SNORA18	367.029	370.862	119.076	196.934	400.736	359.412
RPL23AP82	5.42786	5.16114	5.68772	5.59241	4.69717	5.61155
C1orf172	11.9091	13.611	9.93876	14.7281	12.1729	12.9238
LOC10065280	453.622	420.489	391.957	457.523	469.28	523.115
PRTG	0.180501	0.124895	0.124759	0.0810594	0.189938	0.161385

PKP4	23.6305	22.3575	19.1421	20.6011	22.7774	20.3764
USP46	4.41668	3.30501	4.95658	4.21277	4.71718	4.34726
VAMP5	44.8625	59.7685	32.4624	41.1634	36.4014	28.2117
CD8B	3.51914	3.62932	0.988535	0.887096	2.00229	0.823488
MANBAL	49.849	61.9691	55.3936	73.0809	58.6712	52.4849
FLG2	96.2419	39.5596	202.592	118.161	208.482	181.11
MIR3156-2	0	0	0	0	0	0
CACYBP	16.4682	15.0987	14.0904	13.0927	11.8319	12.1585
VHL	18.0293	19.5918	17.2248	17.8391	18.5594	16.7976
KIAA0930	41.9224	47.4774	39.5048	41.8926	43.9467	44.7695
RP2	3.13851	2.52671	3.20646	1.79696	2.81151	2.48051
MIR548AE1	0	0	0	0	0	0
RORA	25.1042	19.8708	37.9412	21.9222	30.9258	28.7182
TRIM23	5.18312	4.69327	5.0988	2.65694	6.04404	5.25826
SCARNA22	0	0	0	0	0	0
C8orf37	1.19787	1.03325	1.3049	0.905313	1.52586	1.03777
TYK2	21.2769	29.3098	24.8355	22.9862	29.1427	24.1891
SUN2	63.4874	57.5786	72.6857	70.7853	65.2584	72.6083
ITPKB	12.366	10.8098	14.7875	13.7968	16.4931	19.3761
MT3	0.251121	0.888102	0.1901	0	0.319881	0.312976
MIR4750	0	0	0	0	0	0
STX16-NPEPL	0.85641	0.501815	2.64821	0.750174	4.05737	1.29821
GLRX3	28.1136	25.247	20.6611	22.8895	18.2001	19.8035
LOC10050573	0	0	0	0	0	0.466628
PRRC1	17.2129	11.6827	16.9627	12.7946	15.6633	15.094
MTCP1NB	14.7452	22.6157	17.9941	18.84	17.6175	10.4757
RPL34	175.166	257.591	184.85	246.268	200.412	170.598
SPINK2	0	1.08359	0	0.230162	2.02952	1.52747
RNF5P1	14.0996	14.9029	13.5625	15.5286	13.3012	14.93
LOC10065295	31.3306	13.8219	30.6937	19.7166	21.3848	18.0402
KRT19P2	0	0	0	0	0	0
COL4A5	9.7887	12.5287	13.617	12.9852	18.2619	13.5975
PAPPA2	0.0550309	0.0729819	0.0520731	0	0.026287	0
MIR501	0	0	0	0	0	0
PPM1A	16.395	12.5963	16.4261	12.3233	14.9249	14.8066
ZNF334	2.79584	4.08028	3.82934	4.49046	7.24768	6.30939
HSCB	11.9108	13.7925	11.2507	13.8564	14.098	13.2682
LOC10065294	0.484397	2.06E-06	2.41334	1.20791	1.9474	0.722603
ARGFX	0	0.033641	0	0	0	0
ACTR3	70.5357	49.5247	62.822	46.6989	53.9142	61.5921
ERMN	0.556257	0.19078	0.38121	0.342736	1.10623	0.27564
TMEM71	1.32914	0.752179	0.887552	0.554756	1.81563	0.63151
CACNB1	7.30777	10.5883	10.2317	9.2651	15.345	11.0334

PARK7	195.151	197.637	150.461	159.442	141.212	140.23
MIR4431	0	0	0	0	0	0
PCNXL2	1.77501	2.16249	2.42288	1.92918	3.05327	2.71737
LOC729799	1.40084	0.860093	1.44338	0.949986	1.1896	1.35791
HRSP12	28.2699	26.6335	24.8211	12.6198	18.2266	25.8473
C10orf85	0.271334	0.0959586	0.123241	0.0509557	0.207377	0.0676336
LOC645949	0	0.0426607	0	0	0	0
1/2-SBSRNA4	0.746791	1.09978	1.2245	2.33783	1.66411	1.62812
LINC00426	0.872794	1.36526	0.66071	0.567374	1.58214	0.585726
SNX27	7.33347	6.57879	7.92051	8.87866	8.98216	7.73369
TMEM235	0	0	0	0	0.0285653	0
LOC440041	0	0	0	0	0	0
TLCD1	50.8054	49.5684	37.4018	41.4805	31.0501	43.3587
LOC10050548	0.265576	1.17403	0.603127	0.748114	0.845733	0.661982
AEBP2	9.63183	7.44978	8.27891	6.81891	9.30458	7.57271
ADAT3	4.18999	11.4721	7.92962	11.2319	9.85671	10.6126
SIGIRR	13.6489	22.3294	14.6064	18.2829	20.2715	16.8743
SLITRK2	2.06075	1.92324	5.93652	3.87256	4.3545	4.25752
MTIF3	66.1745	63.8721	53.2388	50.2658	54.1182	49.1925
ORMDL3	64.6371	87.4603	69.5968	60.4231	58.209	56.1458
OVOL3	0	0.68003	0.291327	0.180504	0.612765	0.838323
C3orf71	1.60969	2.3882	1.56113	1.90235	2.0333	1.67308
MIR4511	0	0	0	0	0	0
ZNF689	2.87053	1.78957	2.08943	1.31314	2.62519	1.74293
GLIPR1	6.05677	3.154	3.85585	2.12692	6.32384	3.35713
TTLL12	29.2213	30.7967	29.918	34.1839	31.639	30.3269
POU6F2	0	0	0.0349016	0	0	0.0287306
FAM26D	0.589122	0.0744092	0.0637098	2.68685	0.0536021	20.3487
MIR1825	0	0	0	0	0	0
YTHDC1	15.4771	16.6704	16.4458	15.3677	18.7668	17.1943
SPDYE2L	1.81109	1.8858	1.73256	1.59662	1.08432	0.909817
EMCN	9.80139	11.5686	7.60246	6.30185	6.25794	4.30257
GEMIN8P4	0.744452	0.932446	0.65748	1.04854	0.276585	0.773185
TP53BP1	6.3196	5.84569	5.99451	4.76454	6.54181	6.94676
LOC339240	0.0314038	0.0624718	0.0237728	0.0294877	0	0.0195695
LIX1	0	0	0.0744638	0.115455	0.140962	0.122595
SMG5	31.6406	36.6053	31.6952	35.0303	36.3034	34.8983
TAPBP	75.2286	103.63	56.9824	60.3937	78.5474	54.2451
IQCJ	0.452503	0.223099	0.415035	0.139325	0.0923795	0.6035
EPS15	25.1659	21.6326	31.4753	26.263	23.4736	18.4914
MIR4744	0	0	0	0	0	0
FAM115A	15.9638	10.9755	15.873	10.9086	12.0177	11.513
FAM41AY1	0	0	0	0	0	0

MIR3141	0	0	0	0	0	0
RBCK1	35.0725	47.1792	29.2035	35.7823	40.0328	35.8518
LOC10028833	20.8292	31.755	26.6175	38.4136	39.0903	33.3825
FAM86EP	1.85609	1.80775	1.35556	1.82411	1.58703	1.30906
KLHL29	4.33967	4.80865	5.06402	3.719	4.7796	4.889
TREML1	0.602762	0.852679	0.547553	0.226394	1.15171	0.375616
GLYATL3	0	0	0	0	0	0
LOC10052671	0	0	0	0	0	0
FAM155B	0.654897	0.193006	0.0550845	0.296081	0.154484	0.211609
EHHADH	4.23911	3.63566	4.74068	3.38463	3.47589	3.80199
MIR597	0	0	0	0	0	0
LCNL1	0.512197	1.05666	0.990881	1.33596	2.28355	0.815681
TIFAB	1.13336	1.15621	0.857961	0.573036	1.16606	1.03223
TXNDC15	16.3605	13.69	14.496	12.5441	16.645	16.2361
ADCYAP1	0.167141	0.124685	0.334116	0.132419	1.6809	1.04504
KCNJ15	6.08459	4.79667	6.07686	5.91857	6.53589	5.43606
TNNT2	4.37027	10.3281	12.4573	22.7959	17.3384	15.6982
MIR3664	0	0	0	0	0	0
SNORD115-5	0	0	0	0	0	0
CDK15	0.349683	0.432834	0.423539	0.328346	0.979945	0.87163
LOC253039	13.4422	14.0704	4.1327	4.20733	5.7076	4.30063
AGXT2L1	0.206033	0.182161	0	0	0.174968	0.0320963
RBM33	12.9057	13.5327	18.2128	15.6063	20.2354	14.3214
TMEM63B	25.0141	28.3214	30.6	30.4268	33.5962	32.3508
C6orf1	27.452	46.3778	29.634	40.7937	39.9312	35.6433
CREB5	3.12582	2.3858	2.36692	3.66881	3.82615	5.44326
LOC10065295	214.116	438.359	239.196	240.305	323.562	241.711
TP53BP2	8.91124	6.33608	7.95664	6.9827	8.24219	7.11936
LOC613037	37.3937	55.624	33.696	54.6563	51.4495	47.0618
LUZP6	47.9568	35.5301	45.5746	38.7496	37.8316	37.9082
ILF2	92.5783	86.756	83.6788	86.9915	84.0715	97.1527
VNN1	2.26282	4.24856	2.34811	3.72428	4.92276	3.20044
PGLS	64.412	114.794	75.6125	127.837	96.0344	102.242
LOC10065295	6.13924	11.0524	8.38147	14.7898	14.7362	12.2595
PRKCE	3.42646	1.8146	2.08035	2.43346	1.70598	1.61497
LOC10050701	10.6744	4.28984	3.37916	1.45791	2.71944	4.71677
KCNK10	0.134117	0.130127	0.0100272	0.162824	0.152385	0.297403
NCOA5	18.0893	19.9713	17.8928	17.1302	20.2553	17.6865
DYNC2H1	1.64499	1.32715	1.86789	1.73126	2.16959	1.66575
NOP16	49.7927	59.4571	39.2098	43.2614	34.0826	37.1516
MIR33B	0	0	0	0	0	0
HEPACAM	0.307301	0.393177	2.95776	1.12062	0.502558	0.468517
UBTFL1	0	0	0	0	0	0

OST4	245.723	306.718	254.947	324.654	249.744	262.689
ACADSB	10.8773	7.83607	8.31954	7.17221	10.13	7.79248
DOCK6	12.7375	18.3201	15.0407	14.4169	17.8724	15.0551
LOC10050548	0	0.376346	0	0	0.541888	0.127588
MT1IP	0	0	0.0195077	0	0.0328255	0
STAT1	91.9281	60.3194	28.2088	15.9186	29.7597	16.9472
LSP1	40.3674	59.2415	74.5224	71.8502	60.1629	46.0905
MARK3	20.4254	24.3639	19.367	19.34	19.9322	21.2278
TMX1	12.8354	11.3483	13.3444	8.88882	12.1944	11.8425
DPEP3	0	0	0.183718	0.227883	0.173912	0
MIR4652	0	0	0	0	0	0
LOC10050703	0	0	0	0	0	0
MIR4722	0	0	0	0	0	0
CEBPA	118.316	146.766	147.709	144.131	108.076	118.108
ANKRD64	1.60096	2.50811	1.97737	1.8725	1.82466	2.03031
OR6W1P	0.0716748	0	0	0	0	0
EDDM3A	0	0	0	0	0	0
SNORD19	0	0	0	0	0	0
RNF222	3.07331	1.88776	3.37956	3.94897	6.03705	7.80173
KRT75	21.2045	20.584	5.88692	72.6883	24.5802	80.8777
JUND	50.4465	91.3716	66.5868	86.9381	64.1528	58.7734
PCSK2	2.91138	5.39722	2.80435	4.3523	2.45943	2.87246
CEP250	5.50752	5.72456	6.82236	6.54982	7.47213	6.24719
KIAA1984	1.28572	2.19363	2.33998	2.43204	2.99461	2.06374
LYPD4	0	0	0	0	0	0
UNC13D	6.3824	8.70844	6.46988	7.34088	11.6183	9.39949
POLL	10.9045	14.8089	12.6827	13.5554	17.3053	15.2133
LOC10050743	6.93962	14.8115	6.48095	11.8177	13.2218	11.0265
TNRC6C	3.41647	4.15495	3.58871	3.42582	4.44532	4.10416
LOC10050638	1.85735	2.66091	0.97206	0.488298	5.66872	3.09853
C12orf76	3.57078	5.89004	4.31689	5.25456	5.53288	5.38024
GCH1	9.04918	9.53603	6.93971	6.90719	8.36755	5.67801
YARS2	5.70127	3.8326	7.27639	8.76012	7.41239	7.95708
FGF20	0	0.101797	0.0871597	0.108112	0	0
USP49	0.49839	0.550806	0.448025	0.175493	0.555498	0.543507
COPZ1	85.3426	76.1819	75.5245	85.7489	76.3977	76.0132
C4orf33	7.80964	9.26227	9.2018	7.58715	8.9964	8.00584
ULBP2	0.462741	0.337609	0.882708	0.386664	0.537894	0.30413
ADAM17	9.39977	7.75178	9.63321	7.51004	8.50751	8.28961
TRIM14	15.7808	12.5986	8.79898	7.3813	12.2574	7.97847
SLCO1A2	0.0131873	0.0116594	0	0	0.00839906	0
LOC10050683	0.576918	0.510075	0.119108	0.541717	0.200423	0.294145
PCSK1N	2.7983	4.94815	3.77614	6.96873	3.64199	3.18429

AFTPH	20.6631	15.1275	18.4777	17.9428	18.5867	17.0434
GOLM1	18.5269	10.3848	11.9455	15.5925	13.833	12.3075
SMAGP	36.5006	38.6647	32.9022	50.6984	36.8114	43.4913
EXTL1	5.87599	3.84272	3.52912	6.04185	3.27851	3.60115
CNDP2	32.9736	31.1871	31.5959	33.2413	28.9887	33.4096
MKRN1	41.9568	39.5748	40.5816	43.0676	44.5873	44.5113
LOC10028704	0	0	0.0118353	0	0	0
NUDT13	5.03038	4.9657	3.40134	3.89799	6.43886	5.20424
KRT37	0.24551	0.325596	0.278778	0.46106	0.626118	58.2132
RANBP3	19.342	24.5474	19.1853	24.9072	24.3835	20.351
C3orf20	0.0353352	0.0312412	0	0.132718	0.0900218	0.0220194
GIGYF2	10.9283	8.78165	10.6185	8.27697	10.147	8.80629
FBXL6	17.3651	32.5717	19.9463	30.0631	24.7421	23.2202
HK3	0.291053	0.7434	0.440658	0.425125	1.07105	0.382897
TBRG1	13.594	14.0312	15.1117	14.9519	18.9663	13.545
TM2D2	8.4266	8.63243	9.01595	8.60471	8.50112	9.10338
WNT8B	0.0517994	0	0.0392125	0.0486388	0.164957	0.129117
LOC10050760	0.025801	0	0	0	0	0
FCGR3A	4.89864	2.77941	1.94712	1.03072	1.54768	1.66262
LOC10013330	0	0.0500699	0.0857405	0	0.108207	0
SCARNA9	3.97665	4.10189	7.02415	6.84569	3.377	2.8911
GALNTL1	4.4512	4.45377	7.22591	4.21601	5.88012	4.34129
LINC00162	2.86432	4.43179	5.01421	6.05149	5.13084	4.79698
MPEG1	7.129	4.55639	6.25821	2.52034	8.01425	3.90725
DPP3	18.3103	18.7989	12.6163	14.2457	13.4945	14.3274
STRA8	0.237079	0	0.269205	0	0.0754983	0.0738686
MIR1304	0	0	0	0	0	0
C7orf44	29.4446	33.2292	24.247	29.1317	26.6512	26.6729
LINC00477	0	0	0	0	0	0
C9orf102	0.745427	0.361108	0.838814	0.678072	0.643524	0.438307
LOC729966	0	0	0.443559	0.183396	0.248792	0.121711
P2RX3	0.0742707	0	0.0562234	0	0	0.0462824
MIR4705	0	0	0	0	0	0
ADO	10.5703	9.48509	8.91741	7.53043	10.1654	9.32335
LOC10050720	0	0	0	0	0	0
AQP7	38.5727	53.1137	55.7164	31.9483	23.5701	13.7854
CEBPE	0.18709	0.165413	0.141628	0.0878372	0.238317	0
CCDC64B	37.1387	50.4412	38.9307	60.6853	52.102	77.0488
MIR3116-2	0	0	0	0	0	0
R3HDM2	19.563	22.1359	22.8983	22.7024	25.9982	23.1427
ZFR2	0.507358	0.125044	0	0.553948	0.195371	0
C5orf56	11.2508	16.3813	8.57429	7.57328	13.694	10.0812
PRR24	32.9138	59.5741	33.3644	63.4044	62.1916	55.4421

UBA2	34.3062	34.3267	38.285	30.7632	29.261	27.104
OR4K14	0	0	0	0	0	0
PRDM12	0.0405183	0	0	0	0.0774189	0.0252493
SVEP1	3.23333	2.3206	5.22357	2.02879	4.83094	2.48896
LOC10013121	0	0.003922	0	0	0.00565058	0.0165858
CLTB	266.237	323.993	285.853	403.116	324.576	395.723
TCTN2	4.72738	6.47946	6.73826	8.93936	10.1173	7.4712
CTXN1	3.87258	6.4587	4.39735	9.9998	5.66167	9.37868
SFT2D3	7.92547	9.83521	7.1834	8.81013	8.64686	7.48574
LOC10065274	1.24003	2.07698	1.42906	2.00824	1.34701	1.56231
FLJ40288	0	0	0	0	0	0
RRP1	21.3246	30.4325	20.2225	31.2866	28.406	25.9633
LSM6	24.6628	30.9265	27.6998	20.1308	28.6438	20.1904
CSF1	13.0419	12.0866	12.6212	5.42274	11.8216	5.96247
RICTOR	6.50615	5.43713	7.6764	4.93755	7.59381	5.68967
TRAFD1	22.9801	26.5566	21.6183	21.1884	26.5682	21.7416
DARS	48.338	36.4294	40.8031	34.2077	38.6478	37.0524
PURA	7.97534	5.66995	6.73876	6.03874	7.63666	6.36237
LOC10050709	0.76847	1.23498	0.71101	0.841844	1.2461	1.03757
ATR	5.54606	3.64462	4.59825	3.461	4.2929	4.21455
APOO	12.2342	9.96258	8.37628	10.2472	9.02566	7.11016
CCL7	0.312562	0.276348	0	0	0	0
MIR3922	0	0	0	0	0	0
LPL	160.344	109.662	181.419	61.2003	46.0705	35.4715
TAAR3	0	0	0	0	0	0
RNF141	25.6604	21.7596	30.4736	25.7966	27.8413	25.6056
C9orf40	3.71658	4.02047	2.87967	3.16135	3.53674	2.77922
PACSIN1	0.506204	0.320119	0.451472	0.458376	0.379845	0.337924
PRAME	0.193299	0.0427238	0.146329	0.136215	0.138505	0.0301126
AMD1	31.1702	24.7643	23.9569	24.5902	23.3291	19.7119
CXorf40A	10.8668	13.4486	10.9764	13.4814	15.9829	11.0974
PPP2R3C	10.8264	12.5948	10.1799	9.52377	9.68985	8.87705
DCPS	9.41423	8.32347	7.67908	8.90834	8.92424	9.41377
EFNB3	2.67211	4.29054	5.02213	5.8545	6.6706	6.83284
BMS1	8.45261	7.43092	8.17268	7.48115	8.06027	7.29657
POLR1A	3.95124	3.20126	3.92652	2.38799	3.81603	4.09181
REG1B	0	0	0	0	0	0
MIR374A	0	0	0	0	0	0
LOC284576	0	0.0317897	0	0.0675236	0.0458007	0.022406
LOC10050569	0	0	0.824308	0.170411	0.231177	0.226187
FAM40A	12.7784	15.3404	12.8366	12.3115	15.6408	15.5674
ZNF668	3.93451	5.77578	5.36436	6.34664	4.82268	5.43559
C5orf54	3.20355	3.77651	2.91013	2.50674	4.35277	3.26065



ELOVL2	0.334737	0.253674	0.452496	0.202058	0.319794	0.119196
AVIL	3.5604	2.84365	3.1265	2.6255	5.08049	5.10834
NEDD8	198.476	203.764	176.912	199.021	168.95	181.267
MIR645	0	0	0	0	0	0
SIX3	0.0399741	0	0.0605213	0.0750702	0.0254598	0
ALMS1P	0.200248	0.177047	0.303178	0.438737	0.0425131	0.166382
COX7A2	217.065	212.797	197.91	231.459	153.632	163.67
GTF2E1	4.71468	3.24211	4.26306	3.351	4.25398	3.55007
ZNF804B	0	0	0.0159726	0.0198123	0	0
SNORD125	0	0	0	0	0	0
MRPS10	17.1574	16.1864	18.2488	18.7206	18.7519	17.2919
CCKAR	0	0	0	0	0	0
COMMD7	34.432	35.2074	28.2887	34.1787	29.8322	28.719
MKNK2	71.1051	71.3293	81.0107	81.3907	88.4893	87.4579
C20orf11	28.018	26.4374	25.2726	26.5553	31.4621	32.9125
NEGR1	7.25785	3.47023	7.27441	2.85944	6.45435	4.44898
ZNF462	2.38354	1.86538	3.10797	1.79905	2.48414	2.25285
RHOT1	23.2835	19.0026	24.6566	17.8441	24.6516	20.066
CASP4	45.6188	46.3167	40.6055	36.5591	44.8061	39.7779
MIR3159	0	0	0	0	0	0
OTP	0	0	0	0	0	0
LOC731789	0.250696	0.110825	0.0830279	0.0147125	0.129939	0.146459
RALGAPA1	4.10619	4.05877	4.63965	4.50393	6.00964	5.14775
NEDD9	7.95451	6.70229	7.9468	9.67589	7.89002	5.61743
KCTD16	0.0185729	0.049263	0.0421794	0	0	0.0115739
GNA14	1.54037	2.04285	1.25813	1.82701	0.98107	0.75781
SPSB3	53.7931	108.131	79.7094	98.8276	110.785	94.6823
NELF	17.0203	26.8525	17.5205	22.4932	26.4078	22.6907
ARSI	2.06282	2.12779	1.37229	2.58261	1.53279	2.99941
ANO2	0.368856	0.349413	0.37895	0.321611	0.402731	0.262692
SIGLEC7	0.329445	0	0.221681	0	0.209826	0
MIR29C	0	0	0	0	0	0
KRTAP23-1	0	0	0	0	0	2.40591
RASGEF1A	2.32189	1.99885	1.04074	1.46304	1.63449	1.38979
ZC3H12C	3.68366	2.68714	4.2438	3.20679	4.27504	3.29267
FDXR	17.4774	24.8308	17.1661	26.0705	21.7637	24.8151
GGPS1	29.3068	24.5643	16.3523	16.8881	17.1312	18.0556
TPM1	206.077	205.544	153.06	193.366	195.449	294.153
SPECC1L	9.75687	8.071	9.14982	8.04837	8.86609	8.7857
IL6ST	28.2659	21.2328	29.9595	16.4748	22.3027	14.8334
ZNF648	0.0268685	0.0237554	0	0	0.18824	0.0502299
SRSF4	52.965	65.0922	54.8777	64.8516	62.8732	54.4381
GABPA	11.0858	8.9845	10.5847	7.24812	9.93218	8.07117

ZKSCAN2	0.894556	0.708277	0.899543	0.338497	0.739822	0.58241
CEP97	2.04504	1.01098	1.71457	0.908511	1.54059	1.50733
ANK3	11.0544	7.39377	10.8147	11.341	11.6806	13.9558
OASL	4.59898	5.37089	1.73973	0.493448	1.94094	1.1474
LPIN2	5.86096	5.19546	5.43564	3.47201	5.33548	4.44587
OR8B2	0	0	0	0	0	0
SPATA20	14.6183	23.8371	17.4897	22.1287	28.6766	22.0406
PIK3IP1	28.8057	36.1612	29.5194	32.9182	53.8579	39.2043
PAFAH1B3	15.3845	23.27	13.1585	25.036	18.0184	19.4379
DDX28	6.32136	8.53772	6.42934	7.42868	6.32322	5.84839
WFDC8	0	0	0	0	0	0
ZNF878	0.0596323	0.421785	0.0902839	0.391956	0.15192	0.185801
FTHL17	0	0	0	0	0	0.096086
SLC25A3	350.113	372.689	312.555	356.8	286.488	278.528
NOC4L	11.5229	19.5699	9.56072	14.4876	13.4756	11.7648
SPACA5	0	0	0	0.0830814	0.0563534	0
NDUFB9	216.277	222.378	174.431	232.051	154.253	169.161
STEAP4	15.4556	13.5614	15.8522	8.65852	12.2998	6.17973
RAET1G	2.41638	0.95252	1.94271	2.75959	2.58302	1.91909
NOL7	55.552	50.6002	47.5614	47.4327	46.6999	43.5119
LOC10028810	1.46569	1.12771	1.55455	0.523977	0.918388	0.918245
MIR4255	0	0	0	0	0	0
MIR151	0	0	0	0	0	0
LCN12	0.583468	1.03173	0.588918	1.09574	0.619357	0.727186
ADCYAP1R1	2.68808	2.57369	2.32728	1.65961	1.92968	1.49925
LOC10050653	2.21316	0.391347	0	0	0.281915	0.275829
LOC645561	0	0	0	0	0	0
ATPIF1	153.521	198.129	160.928	181.32	171.076	168.339
RDH8	0	0	0	0.0577862	0	0
SMCR8	5.27191	4.51177	5.50922	4.71052	6.20166	4.9681
GDF10	2.76594	3.88596	5.01947	2.38371	2.60627	2.36112
SPOCD1	0.0251204	0.155469	0.209179	0.141526	0.127995	0.125232
RAB6B	1.9331	2.07536	2.50863	1.78274	1.95673	1.73165
TSPAN3	51.5976	53.3085	60.077	47.7589	43.1657	34.5235
LOC10028889	0.696469	0.359202	0.301275	0.0934248	0.887171	0.520615
AMBP	0.378358	0.066904	0	0.142109	0.144587	0.0943106
ARHGAP5	10.8009	6.96009	9.084	7.25405	8.27527	6.93949
CDK8	5.4021	4.25134	6.06672	3.01005	4.46147	5.28999
MATR3	55.3553	48.1824	48.1599	41.0048	50.3186	42.3169
NRF1	6.77097	7.8163	6.74243	7.67073	6.78881	5.85776
VDR	24.223	23.713	25.3539	25.0872	24.8296	24.0717
LOC10065283	0	0	0	0	0	0
PRCP	50.4543	44.126	53.9497	41.6513	47.9212	39.3699

DYNLT3	17.9351	13.0852	15.6362	10.5201	12.8031	14.7391
ACADM	162.963	123.951	87.833	72.1204	67.5708	84.9235
SNORA3	59.6465	0	45.1527	0	37.9892	0
MAGI3	2.59848	1.62614	1.80097	1.69978	1.63656	1.77139
SNORD69	0	0	0	0	0	0
MS4A14	0.688851	0.241601	0.724771	0.175402	0.609785	0.458858
STAU1	33.0183	29.0644	30.0934	30.2386	29.0602	27.4538
SYPL2	9.86355	8.53762	5.3306	4.44854	2.11054	2.96841
MIR126	0	0	0	0	0	0
FAM194A	0.0501934	0	0.0379967	0.0942617	0.063937	0.0625568
LOC10013123	0	0	0	0	0	0.147649
ATF4	261.898	325.847	271.226	332.172	257.607	247.625
KIF13B	10.8126	7.3082	11.1668	8.48098	11.6426	10.6785
RNF186	0.267355	0.236378	0	0.0836806	0.227039	0.0555347
LOC401127	1.09208	1.07915	1.70206	0.965129	1.75934	0.880699
MUC15	27.0847	19.1281	26.0849	20.8494	20.9028	24.4305
POU3F3	1.00267	0.633212	0.162648	0.268997	0.775449	0.4463
NUDT17	2.20735	3.06665	2.62519	3.74817	3.41321	3.60181
SECISBP2L	18.9583	10.7802	18.4194	12.44	16.6245	12.609
MICAL3	8.11252	9.38043	9.219	9.64469	10.5803	10.4238
SCUBE1	0.176805	0.468961	0.172083	0.142301	0.337825	0.173136
ZNF727	0.441084	0.278556	0.333903	0.473338	0.441459	0.43193
AMT	17.9345	31.1869	19.0916	23.5983	38.3122	27.4206
DCUN1D3	4.80932	3.91235	5.93163	3.27898	4.77125	4.23803
FAM36A	1.90582	1.05311	2.57684	1.4856	0.948295	1.98287
PMS2P4	1.61071	2.57805	1.829	2.21633	1.97615	1.42206
WDR44	5.04529	4.27154	5.27592	3.67984	4.7378	4.37232
ODF2	12.1438	15.416	10.9373	11.7949	12.7001	11.6275
CEACAM1	17.8408	9.45505	7.20117	9.16631	6.71866	6.57968
RFNG	27.853	42.5264	29.311	40.2238	38.6485	38.8122
MSLNL	0.156539	0.0830414	0.0474005	0.205783	0	0.175588
OR10A3	0.126329	0	0	0	0	0
OR51B6	0	0	0	0	0	0
LOC10050740	1.11648	0.930555	2.37491	0.959969	3.0036	1.56428
TBCE	10.7983	11.4773	11.2513	10.5686	10.8361	10.429
ABCC6	5.20538	4.65302	5.13894	2.1505	2.06642	1.22289
FKBP1A	178.43	176.288	153.718	180.05	146.753	156.811
TAP2	25.2724	25.1771	12.3549	7.8086	18.7103	12.1108
SLC13A3	1.28996	1.34178	1.68934	1.6147	2.44167	1.73428
LOC10028783	0	0	0	0	0	0
ZNF826P	0	0.387158	0.994463	0.82235	0.418345	0.272877
LINC00085	1.95164	5.22317	3.47388	4.16039	4.56889	3.3527
CD207	32.8481	32.5371	34.2647	21.0679	64.0399	32.4043

MPP1	12.7842	14.0289	11.9255	12.8817	11.6501	12.5478
AIM1	31.6379	23.8921	34.6813	30.0027	32.7484	38.0125
ANGEL2	11.0498	10.1927	11.5469	10.0239	12.2994	9.11622
RBM38	16.6436	19.835	11.9391	15.922	11.5412	10.1419
LOC10050752	0	0	0	0	0	0
GAGE10	0	0.243932	0	0.259064	0	0
C12orf36	0	0	0	0	0	0
C22orf41	1.62272	4.66279	0.921304	1.52371	0.516759	0.758406
NRCAM	0.816799	0.629894	0.51606	0.355856	0.654519	0.52821
LOC10050642	0.856082	0.578801	0.800543	0.472852	0.930121	0.815902
OR5D16	0	0	0	0	0	0
DMRTA1	1.06095	0.508096	1.03739	0.788669	0.506793	0.165285
MIR1538	0	0	0	0	0	0
LOC10050628	4.42E-09	2.04E-09	0.437785	0.306067	0.379126	3.33E-10
C11orf65	0.676476	0.299049	0.597446	0.423467	0.0718086	0.140517
PATE4	0	0	0	0	0	0
OR7G3	0	0	0	0	0	0
KRI1	21.6978	30.8233	20.939	29.5799	29.4936	27.0886
ULK1	20.8977	24.6352	33.0204	31.1123	41.5375	39.1136
SNX6	29.3839	24.8897	30.6509	25.7421	25.2577	25.0856
RIBC1	1.62698	1.75227	1.80901	1.58185	1.2136	1.64926
FBXO15	0.245014	0.288839	0.693086	0.414124	0.356695	0.499699
CATSPER1	0.191891	0.169658	0.261472	0.180182	0.488865	0.334819
MIR3652	352.659	157.622	627.641	90.7506	548.987	209.975
ARAF	29.4212	39.1271	29.5218	38.57	35.4272	29.6348
LOC10050746	0	0.461974	0	0	0	0
MIR3155B	0	0	0	0	0	0
FLJ46300	0.34938	0.128708	0.264482	0.246047	0.185435	0.0725729
PRR21	0	0	0	0	0	0
HIST1H2AC	20.8796	17.2298	14.963	10.7177	16.8446	23.9408
RELL1	7.78513	12.7023	9.90987	13.4402	9.41476	8.54705
D4S234E	19.1445	23.2511	33.3507	40.1071	29.8113	32.9558
EEFSEC	9.26724	12.2291	9.59812	14.5463	11.6579	12.2969
LOC152586	0	0	0	0	0	0
MIR7-3	0	0	0	0	0	0
MIR1471	0	0	0	0	0	0
TMSB4X	407.359	529.651	455.458	418.291	452.013	401.874
OSR2	8.68993	11.0173	20.1952	9.39636	21.1871	13.8772
MCM10	0.852503	0.753238	0.46816	0.460914	0.542964	0.6639
COQ3	13.9675	11.6501	12.2359	9.07342	10.6863	10.7841
HIP1R	32.0059	32.4551	36.1379	42.9804	44.275	49.2474
ZNF436	18.6708	16.3566	16.926	12.5363	17.5073	15.3237
GJA9	3.38E-50	2.07E-137	0.15161	0.375548	5.07E-202	0.141027

LOC646778	0.656571	0.754649	0.894651	1.23302	0.836348	0.818295
TCTB	0	0	0	0	0	0
TBC1D3F	7.65806	11.0622	5.66977	7.3709	10.0234	9.29704
ZFAND6	56.4694	50.6513	54.1387	40.2839	46.5918	51.9276
LOC440905	0.0856325	0.0378554	0.0661748	0.0603057	0.0556761	0.0726323
CBWD6	12.2049	12.4631	8.56681	10.8693	11.9142	11.4548
LOC442497	0.0908049	0.080284	0.0343699	0	0	0.0282929
C1orf27	0.0674324	0.536575	0.102093	0.126636	0.21474	0.210105
OR4N4	0.0817737	0	0	0	0	0
MIR587	0	0	0	0	0	0
ASAH2	0.309653	0.121497	0.271859	0.220219	0.308783	0.304478
AMELX	0	0	0	0	0	0
SLC2A7	0	0	0	0	0.0443748	0
ZNF598	18.4096	30.6109	22.1808	32.8585	29.0863	26.8646
FAM13A	14.4111	16.3972	18.5644	13.9609	16.1851	12.4134
GOLGA6L1	0	0	0	0	0.0135767	0
C1orf93	12.3582	18.3786	10.8848	14.299	15.8258	12.6263
TMF1	10.6064	6.62299	9.84243	5.53867	9.19807	7.73114
LOC10012936	14.0586	13.6498	11.2637	11.5809	10.6293	10.9567
LOC10013361	0.318667	0.0939152	0.160822	0.548576	0.0676536	0.430256
CREBBP	10.9127	10.7723	13.2306	11.5197	13.8709	12.4351
LOC10028825	0	0	0	0	0	0
MIR4523	0	0	0	0	0	0
GNA11	18.1461	14.5268	20.3803	14.1268	17.5251	13.2405
MIR518D	0	0	0	0	0	0
LSM2	40.2979	52.9995	35.4996	52.7862	44.2381	42.8959
XYLT2	12.4691	16.4271	12.6481	16.3865	17.7241	13.5679
GUSBP11	9.47428	14.4555	11.6334	13.031	10.9294	8.55631
HSD17B8	27.7623	36.7658	29.7054	38.5246	36.1228	34.0808
PCDHGB4	0.825575	0.617228	1.13389	0.772441	1.04755	1.02636
COL24A1	0.308308	0.350468	0.444554	0.303282	0.74805	0.439142
PRAMEF1	0	0	0	0	0	0
LOC10012941	2.25E-09	2.16E-10	3.81E-10	4.10E-11	5.54E-10	1.94E-11
SCN2B	0.352848	0.329298	0.46002	0.423352	0.786559	0.684072
LOC10065286	1.96617	1.74612	2.9768	1.38465	2.50452	2.29731
LOC728622	22.4684	16.4401	19.0614	18.2914	18.3636	17.2775
LOC10013270	3.39875	4.12434	3.60163	2.33912	4.58346	2.885
CHGB	0.113576	0.100416	0	0	0.0482247	0.0707755
CPNE4	0.312616	0.55279	0.502885	0.256849	0.248883	0.389618
RPL21	319.079	397.232	306.414	473.656	339.24	289.792
HAUS5	7.16692	9.22584	7.55802	8.93051	10.9954	8.56709
MRPS35	45.9757	36.9853	32.617	29.9938	30.7058	31.2189
DET1	2.82266	2.57578	3.65632	2.49249	2.60579	2.32169

GOLGA8A	97.4452	103.004	91.155	77.1803	121.362	96.5563
LOC550643	42.5339	42.2002	37.0063	41.7459	39.961	42.8163
NUDCD3	24.2154	24.7236	21.837	23.3828	24.4217	22.8307
FAM183A	2.13561	5.39477	3.69524	5.44296	7.77246	8.80888
CUTA	100.395	128.973	109.675	141.693	109.403	107.953
LGI2	0.783498	0.666076	0.501864	0.212219	0.470225	0.309846
SLC38A5	9.15266	20.9662	9.64495	18.9951	18.0843	15.0366
TDP1	5.1028	5.62035	4.96016	3.74347	5.30915	4.60439
DMRTC2	0.0574422	0	0	0	0	0
SNORD57	0	0	0	0	0	0
C16orf91	7.21883	7.62081	6.52501	7.9924	6.17622	6.71413
HIST1H4I	0	0	0.448218	1.11193	0.377108	0.368967
LOC1005063:	2.21E-09	0.155986	0.441435	0.0563325	0.506246	0.210808
CST5	0	0	0	0	0	0
IFNA14	0	0	0	0	0	0
AFF4	17.6371	11.6473	15.7755	13.147	14.465	12.3415
MIR554	0	0	0	0	0	0
CCNT2	13.4026	11.0381	12.5356	9.75042	15.7565	13.1948
AKR1E2	1.32255	1.52011	1.30153	1.17976	1.2214	0.947783
MAP2K6	2.17525	1.38077	1.3089	0.837959	1.56305	1.25125
TLR6	0.747795	0.632407	0.947577	0.671639	0.652289	0.567297
MORC2	8.89704	9.93828	9.41273	10.0861	10.8356	10.4792
MIR4784	0	0	0	0	0	0
ANKRD20A2	0.108928	0.0693135	0.149045	0.0515191	0.0660337	0.106138
ZNF720	4.0741	3.06016	3.1387	2.91145	3.23778	3.05555
MGC16142	0.257172	0.985291	0.648935	0.563454	0.982764	0.587614
RUFY3	24.8006	24.5229	30.4671	27.9196	34.5598	32.4872
MLK7-AS1	3.17E-14	0	0.0913055	0.0746952	0.101755	0.0748738
MAGIX	1.00672	1.96069	1.93003	1.77747	1.67153	1.42588
FTCD	1.27632	1.7104	0.54974	0.526203	0.530598	0.350011
TYW1B	2.44544	1.71898	1.87517	1.94299	2.09676	1.93429
CUL3	16.4627	11.7734	15.4929	13.2292	13.1601	15.931
IARS2	52.8856	38.0965	45.0416	35.4012	37.9838	37.9055
LINC00403	0	0.30645	0.131192	0.16273	0.441514	0
DNAH5	0.138192	0.0106244	0.100064	0.107193	0.061228	0.0673947
DCAF11	30.6169	29.49	23.3984	25.061	27.5222	27.0211
ZFYVE1	10.188	10.4686	10.3403	10.331	12.7355	11.198
C1orf98	0.230224	0.0678499	0	0.0720589	0	0
LOC10012946	0.719615	0	0	0.337853	0	0.448433
SNORA80B	0	0	0	0	0	77.2565
MSTO1	12.6027	18.0909	15.9771	16.7551	17.3668	13.8722
H2AFJ	30.4561	37.9949	30.3299	32.9808	28.1454	33.2935
SYNJ2BP	8.92648	6.63924	7.6552	6.78603	7.57168	6.56169

FEZF2	0	0	0.0373267	0	0	0
C10orf57	134.252	111.887	108.297	102.729	114.429	134.401
NDUFS3	83.4074	101.996	76.4255	101.532	80.8839	69.8213
RN5S8	28.9436	86.6384	57.3897	206.478	46.357	49.0992
PLCG2	4.8128	3.9715	5.70786	4.45459	4.70013	4.1131
LOC645321	0	0	0	0	0.171616	0
LOC10050616	3.89537	3.97162	3.31069	3.57386	7.5458	7.46116
HMBS	16.7529	20.7773	9.66001	13.5291	13.5303	14.1711
MIR941-3	0	0	0	0	0	0
NFAM1	1.9002	1.6649	1.38663	0.610827	2.47501	0.896094
MRPL41	123.918	247.61	151.023	243.17	175.353	165.662
GATA3	31.7098	36.1787	49.4277	53.5104	62.7071	59.1975
LOC10050656	2.49178	4.09142	3.90731	2.33974	3.17405	3.21645
GPN1	26.6135	24.406	23.8898	25.3029	24.1505	21.9143
PFKFB2	9.59986	6.84524	7.44342	7.13673	7.55922	7.3673
MMADHC	66.8805	57.5965	65.7718	60.9568	59.1832	60.7751
LOC400655	0	0	0	0	0	0
OR5AP2	0	0	0	0	0	0
NFASC	4.34661	3.55217	3.23393	3.25399	3.60468	3.61467
ZNF556	0	0	0	0	0	0
MIR518B	0	0	0	0	0	0
ABCB5	0	0.0540504	0.112988	0.126918	0.202485	0.144671
KRTAP5-3	5.25793	1.43038	0.306175	34.8131	0.686934	212.946
MIR550A1	0	0	0	0	0	0
MIR4638	0	0	0	0	0	0
KIAA2013	27.9122	29.0884	27.8784	30.1289	26.9478	28.7911
FGL1	0	0	0	0	0	0
ZNF560	0	0	0	0	0	0
CXXC1P1	0	0	0	0	0.0349326	0.0341786
FBXO34	8.18747	6.23823	8.01409	7.86833	8.20576	8.40133
FAM66D	1.18787	0.666821	0.407813	0.688515	0.154401	0.151068
LINC00317	0	0	0	0	0	0
SNX12	27.4159	20.0405	26.9639	21.8918	20.7612	22.1963
TUBBP5	2.30182	1.60141	1.42841	1.94878	1.85058	1.6226
LMX1B	2.85402	1.11512	2.18563	2.54928	1.6698	1.90258
LOC10050746	23.4055	38.3694	14.7863	9.75983	25.8416	11.96
MIR601	0	0	0	0	0	0
CREB3	21.4454	23.4873	18.3434	22.4133	20.0153	19.5465
HES3	0	0	0	0	0	0
NLRC5	21.7588	28.5686	15.1113	7.14698	24.4759	10.5915
TMEM196	0	0	0	0	0	0
GCC2	8.37707	5.68258	7.30375	5.52846	7.76725	6.71416
C17orf66	0.15779	0.0465026	0.0398159	0	0.100497	0.032776

HNRPD1	68.6769	71.6047	78.1683	72.6491	94.4219	71.7652
AGFG2	14.7158	11.1292	14.1491	12.404	15.5101	14.3246
CRISPLD2	18.0151	14.3984	15.1386	10.4387	14.0132	12.9088
LOC10050765	0	0	0	0	0	0
MIR4789	0	0	0	0	0	0
C20orf7	6.20823	7.36976	6.89324	6.70108	6.12973	5.64028
LOC10050671	1.09009	0.667236	0.486657	0.131227	1.38856	0.40061
MIR496	0	0	0	0	0	0
ZNF117	48.5818	26.749	48.8702	31.122	33.1078	34.9817
THBS4	8.61914	10.3053	3.08822	1.64169	1.85591	1.26154
SEL1L	17.8194	12.5372	16.7492	12.0896	14.2582	11.7548
NINL	3.56824	4.16641	4.03708	4.07889	4.06356	4.37464
SNTA1	10.7237	19.0392	16.0715	15.5729	12.8304	9.30689
XPO7	17.3105	16.3404	18.5893	17.2049	16.9803	15.488
RNF175	0.613164	0.662592	0.876763	0.127945	0.737663	0.764196
LCE4A	0.531469	0.469891	3.62092	0	0.676991	0.993566
OR10P1	0	0	0	0	0	0
LOC10050755	0.961982	1.33278	0.992762	1.24778	2.0995	1.64266
RNF223	1.7287	0.899065	1.61655	3.24645	2.20204	2.47135
ADRB3	0	0	0.028718	0	0.0724857	0.0472807
CFC1B	0	0	0	0	0	0
ZBTB38	9.31659	6.56974	8.60858	6.52133	8.02679	7.06536
C2orf29	25.0381	22.2788	20.5613	25.5416	21.9684	20.1711
RPGRIP1	0.17311	0.481023	0.243369	0.0928841	0.220509	0.215749
LOC10012839	3.32513	3.5544	3.7541	5.05225	4.34809	3.89407
C8orf73	9.17786	13.8376	11.7559	15.4665	14.6329	17.6123
PFKM	19.828	18.9436	17.5334	19.7885	18.6058	17.5983
PNMA3	0.417497	1.56878	1.91604	1.29858	1.8281	0.82928
TPSAB1	142.733	237.315	217.942	196.363	190.396	166.207
LOC10050738	0	0	0	0	0	0
OR2T1	0	0	0	0	0	0
SMN2	12.141	9.5142	15.9149	14.8552	15.1789	13.7399
HIAT1	28.6748	24.0747	24.3268	23.8541	24.5607	20.9734
NFKBIL1	17.229	27.8439	18.059	24.0647	25.5023	26.6451
TTC38	28.7762	33.1054	29.2394	28.2141	23.6028	22.085
PRPF4B	20.8875	17.5805	20.147	16.1435	22.1588	17.6793
PDCD6IP	50.2744	38.6919	50.4802	38.1916	46.5957	45.3475
OAT	69.201	57.087	62.9798	54.9025	54.7885	49.0797
FAM9A	0	0	0	0	0	0
LOC730098	1.19372	1.87629	2.20893	1.36997	2.53429	1.61173
MRPL32	61.2962	56.1126	47.8388	51.1893	46.5542	44.2817
ZNF581	17.9729	31.6196	20.0285	31.7821	24.1143	28.3693
MKS1	6.4242	8.89325	8.57425	8.73064	9.36729	9.19143



ARL15	9.30319	7.57876	7.93442	9.42218	8.02108	9.21501
TUSC5	29.7457	53.3706	68.4	30.2113	26.2626	11.768
RNU86	0	0	0	0	0	0
GPNMB	175.432	206.426	195.429	195.793	193.455	200.887
LOC10050608	0	0	0.0168308	0	0	0.0277098
GPR144	0	0.182831	0.182632	0.0647242	0.109755	0.0214771
LCE1C	158.642	109.866	360.861	416.41	462.876	397.471
AP3S2	6.05981	6.4036	6.45661	6.99189	7.32921	7.57461
KIAA1804	1.31958	1.10835	1.69817	2.19933	1.65988	1.06899
JMJD8	44.2185	53.4738	41.5751	59.9954	47.4511	45.451
STAT5B	24.1881	23.392	28.6325	21.4692	25.3306	19.2566
FERMT2	27.443	20.7337	28.2739	17.466	18.458	13.5816
TMEM237	13.1192	14.2761	15.8663	14.508	16.3678	12.915
RNF103-VPS2	0.720661	2.34E-17	3.39E-15	4.32E-27	0.206283	1.73224
APPL2	40.0579	35.7954	39.1965	35.4586	38.4353	37.3959
TMEM191A	1.07628	2.88584	1.82983	3.34673	3.23064	3.44121
KLHL12	9.7199	9.92588	10.6009	9.68165	9.89753	11.0831
PLEKHH1	23.9618	15.3544	24.9221	21.9391	20.5321	17.1437
MIR193B	0	0	0	0	0	0
LOC10050596	0.137384	0	0	0	0	0.107015
KIF4A	0.688896	0.989845	0.668169	1.01082	0.754121	0.965904
CYB5RL	1.46586	1.29602	2.17745	0.882985	1.832	1.58563
STK25	49.6729	64.8813	51.7808	59.146	57.9045	56.7442
PGAM4	21.3757	20.8688	16.993	19.4399	16.5192	18.1011
ANKRD33B	2.67168	2.8453	4.29777	2.41364	4.18312	3.04597
LRRN3	1.12535	0.71261	1.35518	0.99115	0.955001	0.882515
GPR25	0	0	0	0	0	0
PGA4	0.175886	0.215982	1.38198	0.359533	0.0414899	0
PLA2G2E	0.677357	0	0	0.954041	0	15.4067
TUBGCP4	4.3048	2.86872	4.81517	4.22313	5.27889	4.36418
NPFFR2	0.541176	0.212654	0.529679	0.0501875	0.578952	0.272011
UGT2B28	31.8251	0.389113	0	0.240919	0	0
DGKQ	8.97439	13.1382	11.2016	13.6789	16.4696	13.2138
TDRD1	0.515589	0.208932	0.406566	0.10086	0.150508	0.174034
RING1	37.615	52.6432	36.6825	47.7757	52.7367	48.2768
TBC1D9B	40.0555	44.1059	44.4666	38.8841	41.4528	36.213
SMAD7	9.97069	10.2025	13.6017	16.4772	9.84555	11.1009
RGS19	8.70709	11.3035	10.2607	10.5056	12.5279	9.26321
DOC2A	0.765744	1.11748	0.464576	1.55114	1.35384	1.11892
WWC3	12.8817	9.4801	10.6696	10.096	11.2281	10.9304
MAP7D2	0.855924	0.738262	0.421948	0.499711	0.692242	0.953207
PTP4A1	17.29	12.5043	19.4894	14.6507	13.0165	15.3937
BPIFB6	0	0	0	0	0	0

MIR509-1	0	0	0	0	0	0
CA2	49.1445	43.9564	38.0208	18.2673	31.2194	36.0128
ZNF714	2.21286	1.60506	3.01418	1.53316	2.53825	1.92786
GON4L	8.52082	8.17018	10.1877	7.90242	10.9151	9.21676
BMP10	0	0.0595759	0.255047	0	0	0.0419903
PCYOX1L	8.80741	8.55517	8.84981	8.75212	13.6087	10.3123
GCNT3	0.459679	0.243851	0.0695959	0	0.20494	0.286452
MIR128-2	0	0	0	0	0	0
C8orf45	0.436156	0.61951	0.632171	0.355448	0.337895	0.401394
ICAM3	12.0251	14.28	10.4418	9.74159	11.6385	8.0078
ACO2	53.205	46.913	49.0258	52.7709	41.8679	47.7167
C9orf69	23.2937	30.6751	26.9282	35.4768	28.0183	28.8345
PAX6	0.609469	0.245475	0.534697	0.494335	0.441053	0.379795
GXYLT2	1.80061	2.14306	2.77857	1.43063	2.24953	1.51047
LOC10050639	2.19016	1.79472	1.81972	1.3543	1.76918	1.23166
RGS9	1.33899	1.0298	1.34319	0.642816	0.964851	0.800725
ME3	12.4596	17.6364	15.098	14.4881	11.1023	8.6221
HCRTR2	0	0	0.0436198	0	0	0.107722
PAR4	0	0	0	0	0	0
KRCC1	38.088	30.7052	36.0524	20.5573	32.8922	28.7808
MIR4662B	0	0	0	0	0	0
BAI2	0.816241	1.0825	1.45072	1.64951	1.32227	1.4596
TCF15	1.914	3.46505	0.827946	0.684652	0.174148	0.45437
LOC10050731	0	0	0	0	0	0
SEPX1	130.996	158.507	79.7681	101.726	75.3744	104.633
EIF1B	39.806	38.9793	42.2217	45.7436	40.1663	28.7714
ARHGEF1	31.124	47.2189	38.3795	40.2519	58.7571	52.8108
MIR4452	0	0	0	0	0	0
DCUN1D1	9.70707	6.66596	9.1081	6.66648	8.18331	9.12251
MYO3A	0.0828437	0.249033	0.28848	0.186693	0.158291	0.320073
SHISA5	52.8668	63.1443	48.0389	49.1527	52.9764	45.3795
SCML4	0.277597	0.471988	0.484944	0.260659	1.12882	0.35928
DPH2	13.1802	19.2446	12.5847	18.3648	16.7188	13.375
LOC10012951	0	0	0	0	0.281569	0.137746
MIR608	0	0	0	0	0	0
LOC10050609	1.52478	1.29194	1.53902	1.67037	1.17346	1.42527
SNORD114-1	0	0	0	0	0	0
MIR499A	0	0	0	0	0	0
ZNF681	2.48233	2.07784	2.51293	1.84814	1.9365	1.94047
CDK2AP2	23.7149	31.9766	18.8531	20.1828	18.6402	24.5148
LOC10050557	0	0	0	0	0	0
GABRA5	0.0361947	0.144007	0.0273996	0	0	0
WIPF1	12.1275	9.29636	10.0537	5.5315	11.3896	6.86804

ZFP1	2.88234	2.76075	2.52288	2.87563	2.6963	2.61939
MIR550A3	0	0	0	0	0	0
C1orf150	1.30107	1.28566	2.11467	0.610842	1.51108	1.16846
CCL15	4.75E-31	0.472386	0	0	0.88459	1.13356
RASL11A	6.94627	8.72087	6.04712	6.97901	7.521	6.57951
CHST4	0	0	0	0	0.138507	0
BCL3	22.4898	27.9959	18.0413	15.3916	27.7926	15.6881
TNFSF13	16.0169	12.9476	10.2093	13.012	13.2806	12.3259
PREP	19.7176	13.9644	17.0001	17.9746	19.164	23.5615
SGSH	12.9377	19.2029	19.4783	18.6296	22.4415	17.1378
LOC729603	1.48711	1.09101	2.37126	1.33695	2.33765	1.83369
PRMT3	8.72147	6.7853	6.0369	5.81885	7.25475	6.38317
DYRK1A	20.0506	15.9363	17.1923	14.7399	17.5374	16.3481
TACR3	0	0	0	0	0.0382023	0
FASLG	1.17769	1.43791	0.509441	0	1.00011	0.314524
ACLY	85.0853	52.9487	58.2369	45.8796	37.9368	56.599
APPL1	16.0359	11.4566	14.9113	9.87017	13.2794	11.8026
POU4F3	0	0	0	0.0895622	0.0607493	0
GDAP2	2.96446	2.32831	2.53299	2.66624	2.45758	2.58024
CALM3	84.4494	92.6227	86.6846	90.4431	92.8539	88.2901
GAN	3.26107	1.31913	4.11441	2.86195	3.92321	5.04719
WDR33	20.6917	23.7625	22.9463	24.9107	26.5787	23.7786
GRHL3	17.6606	14.467	18.9084	19.5183	22.4093	25.9231
LOC285733	0	0.141986	0	0	0	0
SNORA70	2231.8	2747.03	1722.61	2629.81	1923.13	1527.11
AGBL2	0.191197	0.410536	0.351505	0.359062	0.434909	0.476584
TRIM39-RPP2	1.07E-37	2.74E-33	3.12E-28	2.57E-56	2.18E-39	5.09E-38
LOC648691	0	0	0	0	0	0
MIR181A2HG	0.458566	1.01359	1.38855	1.07647	2.04444	1.57167
LIPK	10.1131	5.96091	11.4126	5.62728	13.2997	19.6064
MORN1	1.55257	2.34501	4.2121	3.28014	5.47984	3.50718
TP53TG3B	0.270048	0.171362	0.197463	0.301267	0.195398	0.123775
PSG1	0	0.0663575	0	0.0244695	0.114041	0.0162392
BARX1	0	0.257481	0	0.20509	0.139111	0.136108
MIR4437	0	0	0	0	0	0
PPRC1	9.74398	11.6619	9.06692	11.9399	10.4389	9.02387
TNK1	8.39534	11.6943	8.08202	8.17876	10.8217	8.67155
VWA3B	0	0	0	0	0.0129671	0.0126872
LOC10028784	0.392025	0.173302	0.33916	0.184053	0.35669	0.209394
RNF6	17.4485	12.5105	15.6356	10.1661	14.5794	13.7819
SNORA80	0	0	0	0	0	0
MYCBP2	12.8559	8.89114	14.0855	7.33067	12.7304	10.4328
GTF2H4	11.8002	16.3558	14.2366	14.5427	14.5615	14.362

LOC10028910	66.6108	85.4889	78.5545	94.2946	99.5193	105.954
SNORD115-3	0	0	0	0	0	0
USP26	0	0	0	0	0.0227849	0.0222931
MIR3918	0	0	0	0	0	0
CD6	4.112	3.34367	2.54478	1.40916	5.2188	3.98392
LOC10013034	0	0	0	0	0	0.253918
PRSS12	7.77025	7.50642	7.66119	7.69375	7.093	7.69193
ESRRB	0.131852	0	0.0499064	0.0619036	0.0209944	0.0616235
CCL1	0.281796	0	0.426642	0	0.179477	0.175603
PGC	0.159038	0	0	0.167095	0.250773	0.198211
SLN	0.8951	0.474834	0.542076	3.69813	0.342056	3.34673
MAFK	15.0219	26.1256	20.6365	30.058	29.1117	24.403
MGC16121	0.322954	0.856607	0.122239	0.758122	0.925611	0.905632
HOXB6	0.752434	0.565234	1.03329	0.284586	0.671417	0.573343
LOC339685	0.044499	0	0	0	0.0141708	0
KIAA0182	21.2162	16.1551	23.0467	18.3724	21.0302	20.4035
CASP8AP2	4.61655	3.31389	4.57914	2.92165	4.19302	3.6524
CNGA2	0	0	0	0	0	0.0187282
C2orf3	9.82904	9.60924	8.81122	6.40848	8.98516	7.86532
NPR3	3.20282	3.41375	6.86439	7.65848	3.79339	1.75631
MIR296	0	0	0	0	0	0
LOC51145	0	0	0	0	0	0.029407
ZNF181	7.15272	5.88009	6.71772	3.92866	5.32981	4.83748
KLHL35	1.23148	1.51485	1.05383	1.55855	1.12535	0.834138
LOC348761	0	0.0247649	0	0	0.0178399	0.0174548
ADD1	62.4997	63.4667	64.4116	60.3106	70.0907	63.1591
SOX2	0.602221	0.567942	0.425492	0.527777	0.741545	0.52539
MIR3165	0	0	0	0	0	0
ARHGEF25	17.7587	26.8613	16.8564	18.6094	23.7695	20.4569
MIR487A	0	0	0	0	0	0
ALKBH6	11.1358	21.0883	14.2347	15.8405	16.8038	16.1269
PLEKHA2	6.1378	6.02795	6.75716	5.93891	7.49354	7.06691
CISD3	12.9109	17.6226	13.5272	15.7042	12.5199	12.0823
BECN1	35.0811	37.464	36.1982	31.8983	35.1767	31.3446
LAMC3	4.4387	2.77344	6.63713	7.52573	7.75187	7.72137
UBE3B	12.6629	13.2336	14.6433	14.1474	14.7655	15.3069
LOC10013095	0	0	0	0	0	0
MIR4775	0	0	0	0	0	0
DKFZP434A06	0.0404071	0.0178627	0.0305884	0.0569124	0.051471	0.01259
IL17REL	0.161871	0.214674	0.122537	0.0253324	0.257741	0.0504355
SYT3	0	0.192071	0.106264	0.0382473	0.162144	0.135376
PPP1R3C	15.429	10.4561	11.8281	13.5683	6.98352	11.1765
DNAJA1P5	0	0	0	0	0	0

HSFX2	0.475827	0.653047	0.917788	0.545428	0.772179	0.755138
C6orf136	18.0758	23.5798	14.9334	21.6175	19.278	15.6342
LOC10028884	0.647815	0.878647	1.21661	0.67359	0.744436	0.657461
TMX3	20.4093	14.8571	16.0975	10.6722	15.9436	12.7436
KRTAP19-2	0	0	0	0	0	9.13475
CRYBB2	1.68249	2.08257	2.41994	2.52773	1.07456	0.946886
MIR135B	0	0	0	0	0	0
HSP90AB4P	1.06193	0.815006	0.911068	0.799215	0.901795	0.705863
LOC10013031	0	0	0	0	0.0201798	0
C16orf74	6.88581	12.6535	10.6296	13.3117	14.6187	12.368
ERMAP	10.7606	12.0103	11.7242	10.9308	8.85611	7.76831
LOC10028884	0.25044	0.221423	1.51667	0.470318	0.638026	0.936381
CDX2	0	0	0	0	0.0626756	0
LANCL2	5.32919	6.4466	6.34673	8.1865	6.81679	5.34961
SLC25A44	14.2571	14.0616	11.9987	12.6773	13.3283	11.7954
TOP1	29.194	19.2946	23.6871	19.4329	20.1543	22.3894
TGM4	0.0331406	0.0293009	0.0501753	0.186711	0.0211075	0.0413037
S100A1	79.6932	79.6618	82.1001	91.8715	69.1434	70.9132
DAD1	187.248	184.831	177.51	180.313	148.374	157.686
MIR3689A	0	0	0	0	0	0
LOC10050640	0	0	0.0498799	0	0	0
B3GALT1	0.188954	0.125296	0.0715197	0	0	0.0883112
BBS7	4.80185	5.15817	5.42245	4.11085	4.85473	4.40236
PTPRCAP	12.7931	24.6246	10.9959	10.5109	23.3405	13.702
PPP4R1	24.9665	28.5665	22.8523	22.0575	23.7609	19.2203
TNRC6B	4.47945	3.04757	4.69666	3.56961	4.75847	3.9037
CYP4F43P	0	0	0	0	0	0
SDAD1	13.0677	10.9716	10.1415	9.85953	11.3837	9.37392
ERAP1	22.672	21.5488	21.3158	13.3783	21.5676	14.4697
LOC10050581	0	0	0	0	0	0
N4BP2	1.61097	1.48474	2.12861	1.50351	2.33812	1.9591
CA7	0	0	0.0782856	0	0	0.171851
DNAJB11	32.7943	30.046	29.0894	24.1528	24.9925	24.6871
ARHGEF5	12.3075	10.6958	15.1806	12.0166	17.2841	16.9056
MIR5047	0	0	0	0	0	0
SPANXN2	0	0	0	0	0	0
LOC10028809	0.903045	0.723501	1.20601	1.07634	0.867469	1.19184
SLC35E3	4.80334	4.59115	4.02925	3.49444	4.54757	3.58649
ANTXR2	6.54197	5.48085	5.18511	3.36551	4.52996	3.75407
MIR3185	0	0	0	0	0	0
SOX30	0	0.0267458	0.0273143	0	0	0
SNAR-A13	0	0	0	0	0	0
C19orf52	10.4573	11.7986	12.8786	13.3365	12.9727	14.6379

PHF6	10.5432	5.70574	7.66014	4.73483	7.39791	7.02707
ATP13A4	5.79661	2.71323	6.52187	3.73534	4.37236	4.46213
FAM59A	5.73722	3.43293	5.51888	4.496	4.4024	5.21825
ABCA6	6.10173	4.78464	6.44742	2.76243	6.75463	5.16032
LOC10013398	0.826747	0.365479	1.09524	1.16445	0.78984	0.386395
IL26	0.6651	0.29402	0.335656	0.208173	0.141202	0
MIR10B	0	0	0	0	0	0
NUP210L	0.0708001	0.0156492	0.0535961	0.0664802	0.0507297	0
LZTR1	19.3539	24.0556	20.0344	20.6242	24.6245	25.3832
MDC1	7.28844	7.93807	8.12473	7.71585	9.72777	7.16246
FOXRED1	13.7812	18.3901	12.9914	14.3277	16.479	15.4417
C3orf79	0	0.669722	0	0	0	0.157345
ADAM20	0.0358022	0.126616	0.189717	0.168088	0.182421	0.0446208
LOC10050665	0.102633	0.460458	0.539484	0.582094	0.847245	0.570925
MRPL28	47.3626	68.8513	43.4774	68.0666	46.4866	55.3627
SLC14A1	15.731	9.82436	12.6575	4.91307	6.6386	7.62344
MGAT5	2.21657	0.665576	2.75438	1.49227	1.41175	2.00675
CEP57	12.2894	13.2492	16.85	14.2772	14.8423	12.0734
KRTAP3-1	31.127	13.7603	1.47271	316.026	6.81484	4453.29
AKAP8L	35.3188	51.7151	36.0532	49.51	48.6921	42.6257
TPRKB	38.8024	36.5836	27.0342	23.0539	31.4206	28.8876
DBH-AS1	1.30053	1.92768	0.608079	0.754256	1.94898	1.08877
CFH	73.0353	38.7401	72.12	32.2764	64.7008	41.7592
MIR606	0	0	0	0	0	0
TTC28-AS1	6.40741	7.6519	4.93423	6.34848	7.25978	6.21336
IL1RAPL1	0	0.0331054	0	0	0.0476963	0.0233334
TMED10	84.7062	58.24	74.4162	64.1242	61.558	60.0585
TGIF2LX	0	0	0	0	0	0
VWC2L	0	0	0	0	0	0
MIR451B	0	0	0	0	0	0
MIR1470	0	0	0	0	0	0
ZNF155	3.35934	4.65812	4.38672	4.93277	4.51687	3.53578
TP53TG3	0.207097	0.247188	0.156773	0.314907	0.175868	0.105643
C5orf43	18.7975	14.119	15.5092	13.1488	14.2129	13.4333
ARHGAP26	4.66644	2.22306	2.45607	2.44297	3.41584	2.738
ZNF165	1.58317	1.84691	2.50032	1.49459	1.22199	2.24444
SEC61A2	4.8481	6.75453	5.99762	6.83364	6.64118	6.05955
LOC10013134	8.14E-14	0.158845	0.203676	0.297331	0.491194	0.251061
TPPA	0.267092	0.202411	0.60657	0.286623	0.121509	0.142663
RTDR1	0.266839	0.707767	0.0673329	1.00223	0.396553	0.110855
LOC10050664	4.28191	5.19797	4.25654	4.513	5.84117	5.73122
ABCF3	21.6071	25.6445	23.014	25.949	26.7256	23.2704
KIR3DS1	0	0	0	0	0	0

PNN	75.6415	78.9057	70.0315	75.1906	94.3947	70.524
JAK1	35.396	29.8953	44.9586	28.5995	36.6962	31.4116
LOC10050746	0.221258	0.521618	0.0557551	0	0.093803	0.183767
MACROD2-AS1	0	0	0	0	0	0
C10orf112	0.0553818	0.29379	0.188659	0.182009	0.176365	0.362372
MIR208B	0	0	0	0	0	0
MIR181A2	0	0	0	0	0	0
SLC6A9	13.3834	17.7593	19.5905	17.7817	17.1296	15.8642
C21orf63	15.841	18.8957	13.4958	21.0764	16.0174	11.8123
ACAN	0.377943	0.274658	0.165737	0.241553	0.36127	0.676182
TCP10	0	0	0	0	0	0
C9orf147	0	0.146091	0	0.155154	0	3.89E-06
NEUROD6	0	0	0	0	0	0
IFI44L	17.8542	14.2719	3.75232	0.903312	2.887	1.36154
MLF2	165.964	173.943	130.564	154.461	127.085	129.151
LOC283299	0.483882	0.499121	0.457877	0.416494	0.410916	0.376918
NEK1	3.93183	2.45983	3.29357	2.32818	3.10365	2.87068
NFIB	29.8054	27.7459	26.9442	30.4286	28.1873	27.8912
CTNNBIP1	95.8118	101.599	128.591	136.998	128.138	120.865
LOC10050690	0.552955	0.249184	0.80988	0.318301	1.13108	0.438916
RPUSD2	6.07821	5.67531	5.33228	7.78759	5.9335	5.73462
ZNF789	9.69227	15.5067	12.5991	16.3267	18.6324	14.5422
STARD3NL	9.47485	8.95881	7.32194	5.25155	8.63281	6.72437
SMYD3	5.53413	5.26291	5.82238	4.97119	5.2831	4.1608
NEK3	6.67447	9.02785	8.39687	7.21643	9.20021	7.34069
LOC401317	0.296251	1.04771	0.672791	0.92725	0.251579	1.59996
THSD7A	0.551691	0.574311	0.478258	0.292436	0.464722	0.415876
KRT19	152.174	46.3844	40.5857	55.5144	63.8965	75.7439
YES1	18.9837	13.1767	14.8395	11.5842	11.6219	10.8115
TLR1	2.10006	2.07336	1.69574	1.21602	1.87256	0.937879
AOX2P	0	0	0.0198258	0.0491837	0.0166804	0
SDC4	103.611	88.4427	107.21	142.483	144.747	93.6481
GRIN2A	0.41509	0.579078	0.407469	0.39585	0.479092	0.262706
EOMES	0.581407	0.514043	0.385112	0	0.78689	0.15851
LOC10065276	6.18827	9.8505	7.79152	12.2123	11.981	9.4761
MIAT	3.79756	3.34077	1.70857	0.76604	3.80755	1.66005
SDCCAG3	15.1443	26.0563	13.3928	21.3161	20.5172	17.5644
CLN8	9.04948	7.71551	10.7479	10.1918	8.97509	10.7576
NR1H3	34.2833	45.6759	31.4076	33.0086	28.0874	23.9299
STAG3L3	5.49799	4.14073	6.56192	5.44969	6.83045	5.58179
SMOC2	21.3016	19.7049	18.6525	11.8519	15.4705	12.9572
LOC652276	1.5137	1.33832	1.20177	1.10934	1.74013	1.304
PMS2P5	3.53172	5.88612	4.0677	5.23851	5.77444	3.97341

ZNF8	1.61855	1.83988	2.52052	1.82375	2.29735	2.36303
SIM1	0.219685	0.215813	0.443474	0.0916802	0.124372	0.136898
TISP43	0	0	0	0	0	0
KARS	60.6505	61.4888	55.1488	56.2322	47.88	48.7906
MTFR1	11.7975	10.4144	10.3804	10.3697	9.60291	10.3523
ALG2	14.2409	14.1357	12.6253	12.3891	14.0679	12.0912
TRIM49L1	0	0	0	0	0	0
TFAMP1	0.09189	0.0406217	0	0.172566	0.204838	0.114524
IRF2	17.73	14.5335	14.4671	12.1724	16.4278	14.1299
ESCO2	0.704315	0.648657	0.48874	0.440894	0.635492	0.621774
VPS4B	29.8223	25.3876	30.0126	24.7179	29.1501	28.2665
FABP5	199.102	167.977	104.238	151.33	107.274	254.193
MIR3684	0	0	0	0	0	0
AHNAK	163.348	158.776	247.893	175.783	200.002	177.758
TTY2	0.146375	0.402625	0	0	0	0
LOC10012959	0	0.144283	0.123536	0.153233	0.103937	0
BBS4	8.54935	9.77986	10.3673	9.62564	11.8967	9.31698
LOC10013034	0.0743905	0.0657714	0.337884	0.279406	0.142139	0.231785
LOC646626	0.17298	0.152938	0.261893	0.336024	0.110172	0.442948
ANKRD49	13.647	11.9693	10.4548	8.86748	15.3672	12.7223
UBTF	32.6371	33.6758	38.4124	34.2261	36.6971	32.7171
PASD1	0	0	0	0	0	0
CREBZF	26.939	28.333	30.385	25.0127	35.7455	30.3459
NKAIN2	0.30135	0.257268	0.363242	0.159382	0.145946	0.181328
HCAR1	0.835114	0.91556	1.89656	0.721426	0.446787	0.249796
LTB4R2	16.9066	23.8945	35.6023	22.1764	36.3204	24.8596
WSCD1	0.378566	0.916798	0.859729	0.618204	0.628984	0.57438
SKA1	0.973251	0.983088	0.51248	0.913867	0.541299	1.03838
GCAT	8.46516	7.24668	6.81347	10.5633	7.87222	11.6271
LOC441461	4.90747	7.95461	3.30221	4.35204	3.1256	4.92699
FAM138F	0.0856799	0.117862	0.0572295	0	0.231762	0.0376885
LOC10050638	0	0	0	0	0	0
CDKL4	0.0682301	0.0603247	0.0516506	0	0.0869123	0.0425181
ZFP36L1	128.157	116.883	161.062	130.738	169.863	127.832
RAB26	1.70224	4.51504	2.87458	5.34842	5.12894	3.18229
ICAM2	13.0107	19.4857	11.0284	14.0518	11.2457	7.68462
ZNF444	11.1029	19.9454	13.0277	17.7233	18.7717	18.5657
NCOA1	13.7605	10.9942	13.0066	12.3272	12.3579	11.1524
ELOVL3	705.911	633.035	190.018	281.606	217.014	362.347
LOC10013009	0	0.154671	0.264861	0.328532	0.259981	0.181692
XPR1	4.04489	2.83528	3.09574	2.6682	2.63298	3.15942
LGI4	8.90528	14.3737	9.69395	10.3066	13.0804	9.11277
NEFH	0.421069	0.39555	0.239064	0.345955	0.703975	0.705179



LOC10050606	0.635382	1.12353	1.02609	0.974453	1.21403	1.54415
LOC10013054	0.167212	0.221758	0.348097	0.235515	0.239622	0.1563
FAM162A	105.975	103.118	94.453	105.207	88.5176	90.3884
ABHD8	9.79144	11.0931	11.9936	17.233	13.1619	15.3613
TRMT12	5.84374	5.57349	4.49341	5.66	4.86486	4.30107
HES1	60.1883	61.0039	84.1205	81.2633	57.9965	66.0637
CLMN	5.77136	3.62524	4.39682	3.20729	3.08975	2.36248
C15orf41	6.70888	5.37461	4.71981	4.75065	4.59081	5.62904
SNAR-A5	0	0	0	0	0	0
RAB30	1.92876	1.64648	3.72572	1.49882	3.04991	2.56962
EXOSC1	17.4601	24.5075	16.1297	17.1358	16.9006	19.302
LRBA	11.0998	5.95747	9.91222	7.90223	8.33385	7.86358
RBMX	86.6975	88.2291	88.0379	85.5449	101.791	85.5215
LOC10013103	1.67E-42	4.56E-43	9.07E-92	1.76E-129	0	3.64E-106
ARHGEF19	17.4757	24.2924	25.1677	30.3866	35.1452	40.4343
C5orf28	6.63156	5.31854	6.0077	6.46512	6.02394	5.71325
ARL6	2.10896	1.79314	1.96382	1.2978	1.60074	1.46438
GNAZ	2.09622	2.28943	1.70353	1.67886	1.59033	1.45996
NKIRAS2	22.7565	24.4912	20.1843	25.5382	22.8332	24.2091
CDK3	11.005	23.5208	12.8739	21.7491	19.9178	13.0646
MTRF1L	9.62873	7.85353	8.25593	7.04224	7.80457	7.09395
ASGR2	1.4938	1.41009	1.51951	0.788433	2.25381	1.62707
SCNN1B	14.6796	13.8692	17.8563	31.3503	24.0769	29.4465
LOC10021647	0.29793	0.296337	0.352398	0	0.480313	0.41601
SLIT2-IT1	0	0	0	0	0	0
SNORA70B	0	0	0	0	0	0
LOC10013109	1.61977	0.875171	0.885571	1.01396	1.54746	0.953296
LOC729974	0	0	0	0	0.0904941	0
CXorf40B	25.8274	39.1698	28.1169	37.4423	30.1315	22.4302
SLC9A6	6.83093	5.94656	6.64035	5.54577	5.91053	6.22136
FAM107A	15.7484	12.7545	9.99649	7.55873	7.05114	7.36944
CPB1	0.739731	0.261609	0.503982	0.208379	0.282683	0.184387
UBOX5	4.25367	4.93673	3.85325	5.66721	4.628	4.26233
LOC10013136	0.274749	0.425102	0.0519966	0.257985	0.0874945	0.171212
LOC10050594	0.28035	0.660982	0.141485	0.614237	0.0595189	0
LOC10012678	0.428264	0.0784864	0.2905	0.327026	0.426309	0.478544
DPCR1	0	0.0160875	0	0	0.011589	0.0226776
LOC401847	0	0	0	0	0	0
ZNF333	4.31202	4.89184	5.56491	4.56113	6.07175	5.11514
ADI1	84.2305	78.8257	64.3366	76.4824	57.9097	53.3545
ICA1	15.5966	16.2747	15.2631	16.6643	14.3016	11.3205
RPF1	17.6248	16.3595	15.3227	13.5935	15.0642	13.9896
ZNF827	2.06225	1.02433	2.56096	1.39248	1.60862	1.3573

ROBO4	7.5658	10.4054	9.06349	6.24306	8.01494	6.95297
HNRNPM	82.2636	84.2989	78.5993	92.7919	85.8457	81.8956
C11orf84	6.49901	7.47449	4.95979	8.3847	6.36032	6.28888
MIR590	0	0	0	0	0	0
LOC10013311	0	0	0	0	0	0
PRDM1	7.92537	4.93945	7.91017	5.80936	8.67553	9.47773
11-Sep	42.3859	30.9668	40.327	29.8214	24.5636	27.4898
MIR376C	0	0	0	0	0	0
TCP10L2	0	0	0	0	0	0
GGT5	13.0987	17.8942	14.2895	11.5013	14.8125	9.87302
ZP3	7.25347	10.8598	9.10408	15.7352	5.70827	7.83339
SNORD82	0	0	0	0	0	0
FBXO28	13.2867	9.77998	13.6141	12.5018	14.0438	14.6592
ITGA6	38.4813	31.3901	32.4635	33.3758	28.2821	28.0736
CRCT1	114.276	68.7722	183.483	195.13	200.245	225.844
PRSS27	5.47401	6.34402	3.47188	4.30649	5.51232	5.62382
NAALADL2	1.86622	0.920523	1.39787	0.996073	1.35126	1.12622
GNG7	5.46895	6.66151	4.86853	6.656	5.02299	4.24174
HTR2B	0.365377	0.161522	0.207444	0.171542	0.261799	0.256148
ARRB1	12.2896	10.7322	12.6793	9.57004	12.2329	8.78606
STX7	16.7016	17.2209	20.3256	13.5246	19.1443	15.2146
SNX9	24.6357	17.3186	24.5445	20.5236	20.3506	18.2665
FAT3	0.17639	0.155953	0.17062	0.0552093	0.112344	0.112972
TFG	74.0519	62.7369	60.8049	60.5981	54.6066	59.6602
ISOC2	66.4177	83.7795	53.7112	70.5419	44.4579	48.0081
PLK1	4.76865	7.09648	4.0388	6.16237	5.77365	6.23747
TTC15	17.581	23.0687	20.9918	22.8865	22.8615	25.1401
MMP14	43.287	46.25	53.1358	50.5009	60.993	51.6653
ADAMTS4	0.649936	0.871856	0.492005	0.378794	0.699429	0.502774
SLC16A11	4.64745	7.96115	6.11277	7.90953	8.32496	6.1904
LOC10065280	0	0	0	0	0	0
OR7E5P	0	0	0	0	0	0
SNORD49B	0	0	0	0	0	0
MATK	3.03319	4.55582	4.67857	7.08079	6.96297	6.28501
LCMT2	5.32824	4.21501	4.77652	4.31191	4.24198	4.28148
KRT7	201.343	62.5836	45.8357	104.155	77.6413	61.2749
MAFG	7.28902	8.98137	8.46384	8.1916	9.19978	8.67934
PROL1	0.22277	0.0984797	1.60206	2.30096	0	0.0694105
MIR493	0	0	0	0	0	0
CHRNA3	0.495569	0.192388	0.189075	0.205726	0.0984769	0.216561
TMEM212	0	0	0	0	0	0
CYP4B1	7.70135	6.55439	9.05799	4.32517	11.1656	10.7458
ADORA2B	5.5247	7.37531	3.89339	5.75813	7.17762	6.53685

PQLC1	44.103	65.6991	44.2567	64.9804	50.3754	59.4821
GAD2	0	0	0	0	0	0
MON1B	8.6694	7.32252	8.97591	7.03528	10.2463	9.07827
C22orf39	16.6634	20.489	19.5922	19.7526	19.7133	15.8692
NGLY1	14.9271	13.5815	11.7814	14.0781	13.1777	11.4628
LOC10065295	0.138342	0.23891	0.330897	0.12925	0.273674	0.175827
LOC388882	0.0676796	0	0	0	0.129317	0.337401
OR2W5	0	0	0	0	0	0
SCARNA8	111.746	0	0	0	35.5858	0
MIR3529	0	0	0	0	0	0
TRIM49	0	0	0	0	0	0
LOC10050619	0	0	0	0.220779	0	0
NOD2	9.27011	9.9346	7.75363	7.56823	11.8221	8.57758
SMAD9	2.17252	1.7817	2.16211	1.69495	2.3991	1.91355
MIR4308	0	0	0	0	0	0
HTRA2	9.96725	15.1688	11.2092	13.1631	11.9036	11.2434
LRTOMT	4.91966	5.99823	4.84141	4.17145	4.02284	4.75141
TMEM233	0.135857	0.180175	0	0	0.0865284	0.126991
LOC440243	0	0	0	0	0.00448211	0
S100A13	106.592	154.765	104.216	116.48	94.7443	84.0003
RELT	1.97387	2.32667	1.81893	3.84053	3.51576	3.1369
PGBD5	2.40337	2.23529	2.66998	2.13949	3.12108	4.27908
CRYAA	0	0	0	0	0	0
CEACAM4	0	0.247117	0.070528	0	0.474709	0.0580578
C1orf115	29.3489	28.6409	25.384	21.3992	17.9891	16.8918
HRASLS2	5.07347	0.309354	0.132436	0.492818	0	0.10902
LMTK3	1.92027	1.90357	1.82074	2.36771	2.34723	3.15475
C19orf42	47.475	55.5199	44.803	44.1296	45.2711	43.6817
ARHGAP28	2.16843	2.14725	3.16483	1.62889	3.40299	3.87004
FAM47A	0	0	0	0	0	0
LINC00161	0	0.272441	0.106574	0	0	0
LOC10012865	0	0	0	0	0	0
PNLDC1	29.0017	28.0016	19.415	21.1862	13.44	15.8923
CPNE5	0.797426	1.27951	1.76625	1.7194	2.74634	2.61344
DHCR7	180.155	164.215	116.68	129.713	80.8724	119.236
MIR744	0	0	0	0	0	0
SLC11A2	42.842	29.309	33.0536	35.0897	38.5833	38.1414
UBE2Q2P1	2.18877	1.69751	3.90927	2.52309	3.48325	3.34778
XAGE2	0.416532	0	1.4053	0.543218	0.265291	0.360507
NCBP1	9.41991	7.65819	8.99708	7.47099	9.10614	8.85418
EXOC3L2	1.90144	2.98265	1.95015	1.61264	3.35965	2.79024
PRLH	0	0	0	0	0	0
KRTAP5-2	4.80627	1.29872	0.196653	32.5155	1.01186	231.49

TSKU	86.604	72.6792	76.8969	74.7572	75.6958	72.3567
ARID4A	6.21013	5.15296	7.30302	5.16079	7.6038	5.57717
LOC1001323:	0.330195	0	0	0	0	0.411528
ACACB	27.9018	26.4028	29.4871	14.7204	18.5774	14.0905
RLN1	0	0	0.185671	0	0	0.076421
CRYGD	0	0	0	0	0	0.467071
RBKS	3.12598	3.68512	2.14001	3.82127	2.52942	3.0618
PRF1	3.46074	2.95306	1.3409	0.236124	1.92232	1.04189
PRR20E	0	0	0	0	0	0
LOC400236	5.4567	7.09481	3.88777	3.91817	4.08871	4.6672
LOC1001278:	1.66535	3.19019	3.57192	2.86684	2.29811	2.42147
LINC00111	0	0	0	0	0	0
OLFM3	0.142078	0	0	0.0800456	0.0361962	0.0531223
MIR656	0	0	0	0	0	0
MIR3926-1	0	0	0	0	0	0
C22orf32	41.0895	49.8617	39.1902	51.9967	36.1789	39.6372
MPPED2	3.76867	3.17112	1.40111	2.19333	1.68586	1.58704
C15orf39	7.66716	8.98677	9.05437	10.0379	9.13866	7.60361
RAI2	14.857	14.1313	10.8338	8.82658	10.8815	8.63815
EPS8L2	56.8952	72.3741	59.4689	79.7951	79.9515	90.343
ADAM10	9.59461	6.90064	10.5937	6.97862	9.53041	8.10102
ZMAT5	12.6939	16.7875	16.0614	18.297	14.6265	15.7947
APOA5	0.0544873	0	0.0412472	0.0511627	0.385616	0.244484
NKX6-1	0	0	0	0	0	0
LOC151484	0	0	0	0	0	0
CD36	222.951	197.583	187.713	82.9658	72.8143	52.0798
ARL5B	2.65259	1.40231	3.10519	1.33524	2.90863	2.30054
LTK	0.621936	0.361693	0.77648	0.757432	1.22725	1.0476
TM7SF4	0.106222	0	0	0.0498706	0.0676536	0
MIRLET7B	0	0	0	0	0	0
FAM108B1	10.1239	6.01442	8.99353	8.45664	8.47614	9.40821
SNORD105	0	0	0	0	0	0
FAM90A10	0	0.0115191	0.0192323	0	0	0.0365349
PYGO2	22.4982	24.1834	22.0252	24.0182	25.1703	22.1643
SEMA6B	1.63393	2.91112	2.62371	2.2781	2.27053	1.9284
MST1R	9.27352	18.6538	14.592	16.5408	16.3908	11.3811
FIGNL2	0.267806	0.710331	0.608191	0.406213	0.826594	0.654703
TSPAN31	41.4372	39.7917	34.6195	38.1137	33.0266	34.492
PRO0611	0	0.688562	0.196518	0.731277	0.66136	0
TBC1D3B	2.98943	5.04746	2.54108	3.51694	5.37085	5.08918
MEFV	0.174123	0.115462	0.222438	0.122624	0.341046	0.16615
CXorf38	5.05361	6.28766	5.81631	5.30352	7.31119	5.48615
FAM92A3	0.0411874	0	0	0	0.0262325	0

DNALI1	1.4783	1.47459	1.37733	1.60166	1.47266	1.60622
SCML1	10.9664	13.0261	13.8528	9.57836	14.0798	10.1187
TMEM116	12.1571	8.67502	13.343	12.2016	12.9021	11.4016
DYNLRB1	151.03	168.908	156.202	185.649	159.82	163.052
NMUR2	0	0	0	0	0.0317783	0
SNORD116-21	0	0	0	0	0	0
C21orf96	0	0	0	0	0.0456501	0
ARX	0	0	0	0	0	0
LOC10050761	0.0427719	0.189081	0.129514	0.0401621	0.272417	0.159922
POMT2	6.06022	6.8289	5.86195	6.86201	7.30332	7.77508
TMEM156	0.166422	0.098093	0.0839881	0.260445	0.600638	0.103707
MIR548AH	0	0	0	0	0	0
ZNF836	1.86424	2.06685	2.50887	1.75049	2.63855	2.19435
HDDC3	15.1121	18.1749	11.6082	12.1031	12.3849	14.4719
NRG3	0.881184	0.237717	0.469335	0.721238	0.423606	0.167787
OR10K1	0	0	0	0	0	0
MXI1	23.4937	22.7179	26.0352	25.593	26.3933	25.905
TTY19	0	0	0	0	0	0
MAOB	20.2741	20.29	25.3544	16.3799	16.6409	10.5323
INSC	0.249451	0.25016	0.291414	0.425876	0.332692	0.218598
DIS3L2	6.2596	6.89933	8.54214	9.59403	8.99258	8.06381
FBXO3	27.014	22.9149	26.7225	19.6836	23.2107	24.7679
FKBP15	12.8294	11.6201	12.8136	11.1005	16.114	14.2314
LOC10050561	0.168556	0	0.255196	0	0.214709	0
DFFB	2.39433	3.94384	2.905	2.67941	3.55128	3.00453
CCL4L2	1.2457	0.749544	0.528256	0	0.793394	0
MIR548I3	0	0	0	0	0	0
SNORD97	120.4	26.6126	159.502	113.054	153.367	37.5142
ZNF410	30.4242	29.1449	25.3701	27.4629	26.5435	28.8121
LOC10050561	0.0996351	0.113784	0.177038	0.0935558	0.482014	0.467635
LOC645752	0.0953799	0.114781	0.288812	0.17912	0.0675681	0.060675
ULBP3	0	0.156758	0.402651	0.166482	0.451694	0.773401
SGPP1	6.08341	5.72132	5.39528	3.64014	5.1091	3.67943
GAS5	114.059	208.133	115.18	197.525	136.936	111.573
ZNF223	3.31446	2.44821	3.14427	2.08795	4.00822	4.26158
ACP2	13.1578	15.7085	13.7373	15.6997	14.5412	13.8831
VGF	0.0789226	0.0348892	0.0896173	0.259375	0.0753994	4.03286
LOC10065291	1.24891	2.83842	2.02525	1.34033	3.74915	1.88966
RCC2	47.9614	51.2254	46.3465	54.9361	57.3182	59.6709
ZFP36L2	106.751	119.433	128.728	111.372	129.763	97.8336
ALG8	19.2373	14.3141	16.5333	17.7059	11.1606	13.8078
LOC648987	1.11924	0.959046	0.890394	0.91568	0.834791	0.940527
PTPRE	11.0556	10.1819	8.86499	7.67215	12.6477	10.4447

UPP2	0	0	0	0	0.0267641	0
RLIM	12.9516	13.4528	14.069	13.601	13.285	12.6257
ZZEF1	9.82178	9.87325	10.8278	9.54799	10.8464	8.71273
PP13	0	1.75795	0	0.622336	0	1.23904
MT2A	83.9374	162.788	79.5971	155.513	103.759	113.893
MIR3201	0	0	0	0	0	0
LOC10050761	18.8131	30.1242	19.7794	29.2451	24.7625	24.8793
LOC10050566	0	0	0	0	0	0
FBXW2	18.5042	14.1231	16.4138	15.4918	17.0263	15.5179
KCNC1	0	0	0.0106221	0.0296795	0.11165	0.105802
BTBD10	11.7086	9.78278	11.026	9.5207	11.5831	11.1325
ERRF1	18.0476	12.9332	19.1989	13.676	17.2822	14.6599
MIR548L	0	0	0	0	0	0
RNU105B	0	0	0	0	0	0
CRB2	0.561177	1.09756	0.399068	0.191613	0.855634	0.286119
RECQL	10.4704	8.77629	10.8873	6.11155	11.7988	9.90394
LSM4	71.2753	103.135	65.4055	91.6176	65.7323	73.3076
PITX2	1.52192	1.28426	1.88435	1.71146	1.66283	1.28183
LOC10065287	0	0	0	0	0	0.0455459
GDF5OS	2.20E-07	1.64E-08	3.67E-07	1.90E-06	5.26E-09	6.53E-08
MBIP	16.2227	15.9995	16.0396	14.5137	17.0331	14.525
GRAMD1C	10.9696	8.66149	10.007	7.8559	13.9876	14.6521
FAM71C	0	0	0.0441994	0	0	0
NUP133	13.9044	13.4278	14.7642	12.4645	13.4917	13.1568
TMEM200B	5.89578	8.97545	9.34074	8.64495	8.42114	6.94936
LOC10050668	0	0	0.0664196	0	0.083823	0.0820137
METTL21C	0	0	0.0802508	0	0	0
VKORC1	57.8017	75.6642	69.0335	70.1466	63.1443	65.1365
LOC116437	0	0.0361251	0	0	0	0
AMOT	2.68367	2.12357	3.3902	2.77007	2.64177	2.66928
CDK10	44.0582	73.9151	34.4175	46.2942	71.4979	68.279
NADK	44.0687	47.1647	40.3147	42.7544	40.0461	44.9771
EPHB2	3.17432	2.49076	1.66714	2.32862	2.1354	3.46114
FKBP1AP1	0.31876	0.0563655	0.289564	0.0598621	0.081208	0.0397276
LOC10013143	5.41688	5.51721	5.54398	5.65594	8.19718	4.99576
FLJ42392	0	0.0349191	0	0	0.0251546	0
LOC286467	0	0.0300675	0.0772322	0.0957983	0.0216597	0.0211922
CD101	0.94149	0.709994	0.649827	0.806041	1.3051	1.00084
ACCN3	2.98809	4.71042	3.67456	5.04938	4.37137	4.40151
PCSK6	2.71836	2.20191	4.01108	2.73658	3.72378	3.44626
OSTN	0	0	1.86244	1.38609	0.313392	2.14639
GCET2	2.80878	2.70528	3.22448	2.73229	4.3746	3.10291
NOXA1	5.85426	13.9925	7.69829	12.2379	15.3848	12.2111

LOC10050667	30.0147	45.5574	21.9557	43.8538	24.7118	31.4981
MLLT4	33.7939	23.1417	29.3753	26.6517	27.0869	37.1398
ACER1	66.4518	65.6645	48.0651	42.7555	46.5626	53.7868
LOC10050693	6.56537	7.15099	8.32761	11.7573	9.04889	8.44693
TSC22D1	82.0911	67.2478	69.8452	80.3972	73.3487	57.9522
NKAIN4	0.379603	0.469869	0.287361	0.213865	0.773668	0.283863
TNFRSF1A	65.8786	83.5558	67.9641	66.6549	71.3235	55.7566
DCLK1	6.25762	3.84524	5.7949	2.46928	4.05648	2.72863
LOC10050753	1.47873	0.408562	0.559703	0.867815	0.882948	0.287963
LOC10050608	0	0	0.282282	1.05042	0	0
METTL3	34.4495	39.5257	37.7798	35.5698	49.1988	38.5848
CECR2	0.783257	0.888214	1.83035	1.03924	1.95206	2.01603
MIR4646	0	0	0	0	0	0
LOC10013216	2.28298	2.59956	2.04181	3.44238	3.01807	2.94155
RAB28	13.1292	15.3584	13.2853	12.4875	13.5693	12.6028
KIF26B	0.613239	0.50758	0.55312	1.02913	0.963973	0.813074
ARL2BPP2	0	0	0	0	0	0
PLA2G1B	0	0	0.199321	0	0	0
GOLGA8B	66.1578	67.9521	57.4748	49.7251	72.8633	55.6705
MED1	7.86297	5.59446	7.50203	6.05073	7.17858	6.05235
PALLD	58.5842	40.7831	44.3301	43.9332	49.7859	70.4551
SYCE1	1.2712	1.61816	0.871246	0.464492	0.239915	0.611947
HIST1H2AD	1.70272	0.670292	8.93E-08	0.624904	8.51E-08	0.0214391
SPRR2C	0.199106	0.176037	0	0	0.126811	0
NBPF6	0	0.0424821	0	0	0.0306028	0
PRSS21	3.516	3.8526	0.553635	1.20099	5.32131	4.56313
PPP2R1A	88.9623	95.6633	85.399	97.1535	87.9879	83.6326
NOTCH2NL	10.9822	11.1018	13.184	12.6422	9.223	8.05491
ANKRD35	21.7181	26.5871	23.8291	20.9709	46.4315	33.2105
CCL14	128.961	210.702	158.204	164.629	198.147	107.938
LOC10027173	4.82732	5.49579	4.95584	5.65045	5.26463	5.60428
NUDT16L1	24.4162	28.0484	22.4933	30.5296	27.2518	28.9271
RNF123	10.0401	10.4933	10.8684	11.7375	11.0064	11.0109
SNAR-C1	0	0	0	0	0	0
C20orf197	0.146622	0.194451	0.69371	0.688378	0.700383	0.365474
RDBP	43.6373	52.6716	42.8676	52.7215	44.8361	40.9686
B7H6	0.448867	0.158744	0.588977	0.182641	0.362122	0.251743
LOC10028923	2.94365	7.0712	5.21353	5.21518	6.68571	5.39925
WRB	14.3878	13.0243	17.3297	16.2593	13.9846	13.8032
ALG12	15.7182	15.6342	13.6124	14.4383	13.9375	16.9282
NBEAL2	17.5291	19.401	29.1455	27.788	39.1526	34.0988
LOC653513	2.11175	1.99362	3.48178	2.90825	2.15295	3.68467
CSMD1	0.17013	0.260339	0.108976	0.147461	0.258389	0.17126

OR2F2	0	0	0	0	0	0
MCART1	7.48237	5.87627	6.89823	5.40093	6.27343	4.89451
HES6	1.76098	4.2378	1.46128	3.01723	3.37541	5.12651
C7orf11	22.4833	25.8306	27.0204	23.974	20.6301	23.9843
NFYA	6.78537	6.26423	6.48081	4.2133	6.00518	5.78255
HFM1	0.254349	0.328669	0.162921	0.110229	0.0996899	0.134115
LOC10050646	0	0	0.189071	0	0.31815	0
LOC10012878	0.478822	1.5746	0.944769	1.10074	0.738684	0.725714
MURC	0.267202	0.134996	0.144481	0.322584	0.0972472	0.23787
GNRH1	8.20088	8.9368	8.51797	9.31212	12.8587	10.1612
MIR600	0	0	0	0	0	0
LOC10050648	0	0	0	0	0	0
HS3ST3B1	0.458547	0.0448906	0.845586	0.238377	0.614419	0.443566
AES	327.452	443.148	307.395	409.717	338.869	305.198
LOC10050598	0.190366	0	0	0	0.0202076	0
KIAA0355	6.37689	6.77322	6.55525	6.68437	7.73225	7.2542
HDGF	138.379	141.484	121.606	143.288	129.656	129.504
WDR36	9.01452	7.35601	8.57661	6.18193	7.96239	6.26668
MIR4323	0	0	0	0	0	0
SERPINF2	3.53737	6.19162	3.15869	3.13794	5.78985	4.1341
ASB7	3.94342	3.10976	3.48874	2.73859	3.84862	2.95314
AIPL1	0	0	0	0	0	0
RBP1	28.9486	39.8509	35.1776	46.732	45.5505	45.9453
KRT8P41	0.728055	0.252832	0.0216477	0	0.267272	0.238262
STXBP5	6.59132	5.8177	8.73828	5.48636	7.2841	6.10948
C18orf42	0	0	0.0334643	0	0.0281552	0
SLC46A3	26.6019	19.0428	17.8908	15.7455	15.1886	14.9734
LOC10050706	0	0	0	0	0	0
FCF1	18.6285	16.3214	17.8899	15.2412	16.3105	16.0108
LOC692247	3.73759	6.95117	7.34451	9.10367	15.8658	12.6822
KRT31	17.3674	6.61467	8.09061	229.375	9.78509	965.283
LOC10014771	0.155978	0.310288	0.118076	0.146461	0.248358	0.170098
DDX51	8.66756	13.5331	9.24488	13.6992	12.5547	11.1473
GPR180	3.39901	2.81678	2.87958	1.99101	3.25745	2.71571
EFEMP1	32.991	29.7408	43.8633	35.9186	32.6587	28.7034
RG9MTD2	2.44718	1.86885	2.04589	1.64541	2.03667	2.13155
ASCL2	5.30706	11.0815	4.44487	13.4124	7.40745	8.02157
FBXL19	9.14682	13.3721	9.44031	11.4436	12.9313	12.1545
MIR1278	0	0	0	0	0	0
ZG16	0	0	0	0	0	0
OR5C1	0	0	0	0	0	0
LOC257396	0.863442	0.954649	0.980446	0.729683	0.852393	0.941606
ACOT6	1.16888	0.413379	0.884846	0.109756	0.297785	0.437036



ACR	0.718766	1.34158	0.423197	1.27483	1.1699	0.497672
ACCN1	0.198732	0.13178	0.112831	0.0349887	0.0237325	0.0928812
RIMKLB	5.47219	4.48947	6.91657	4.30508	6.21697	4.41359
PLA2G4B	39.9554	56.1308	44.9063	65.754	87.1058	92.8981
GPR183	2.11532	1.92218	2.57989	0.827606	2.84422	1.1351
HNRNPK	122.75	123.248	119.88	115.124	116.654	100.577
LATS2	4.08707	4.05758	4.44426	4.45563	3.83844	3.57212
METTL4	4.61466	4.03282	3.51352	3.15589	4.12834	3.85638
LOC10050691	0	0	0.127886	0	0.161395	0
CAMK2B	2.38136	4.16549	4.67384	6.03027	2.49558	1.90037
TSGA13	0	0	0	0	0	0
RABGGTA	25.4705	29.7066	25.695	31.6487	26.7191	26.7725
MIR874	0	0	0	0	0	0
LOC10050573	3.58526	1.50957	2.76668	4.4092	1.95399	3.12313
BRF1	12.6691	21.2635	15.8424	21.2352	19.2574	18.7656
KIAA1310	20.2812	23.0138	20.2477	24.4077	23.8449	20.6425
TRIM41	14.9345	19.4721	16.5551	17.9345	22.2046	20.5331
FAM204A	13.3877	12.5658	13.8446	13.0592	12.5455	11.9493
FBXW8	4.65286	4.90231	5.46159	4.91279	4.75772	3.40259
CRNKL1	7.5731	5.97578	6.46639	4.89941	6.95489	6.11872
ATP8B1	8.07083	5.95611	7.45474	5.44715	6.95994	6.70876
FUT11	3.40759	2.52542	4.59011	2.16449	3.00014	2.2796
PHF13	9.34683	12.9153	11.4625	12.0364	11.634	11.0334
MIR1224	0	0	0	0	0	0
PLCD1	18.2344	17.7725	20.3192	25.7814	23.3833	30.0884
TSPY1	0	0	0	0	0	0
LOC388282	0.514822	0.758621	0.389723	0.644546	0.819732	0.213877
THAP9	2.10727	1.96652	1.64729	1.20256	1.7085	1.52253
IRX6	25.2249	26.9711	30.6804	36.6078	30.0749	26.9781
LOC10050645	0.236936	0	0.179362	0	0	0.442946
NDUFB5	129.593	116.805	107.781	112.264	87.8484	89.6794
CHCHD3	18.9175	17.3166	14.6242	14.8131	12.4318	14.038
CACNA1A	0.241871	0.475448	0.257709	0.206543	0.181939	0.164375
WFDC6	2.50964	3.02573	0.921121	0.600013	0.653893	1.40754
OR10C1	0	0	0	0	0	0
C5orf49	0.305602	0.404926	0.348085	0.43503	0.458489	0.715269
SLC27A5	1.97391	1.82109	2.46878	2.98167	1.91312	1.41724
MIR519A1	0	0	0	0	0	0
ZBTB5	6.57432	7.15538	8.88263	8.69324	9.63325	8.07699
SLC27A6	4.49367	4.07364	3.40254	4.68972	2.59328	7.01505
MIRLET7E	0	0	0	0	0	0
OR1L6	0	0	0	0	0	0
LOC10050666	0	0	0	0	0	0

NME5	1.00356	1.04861	0.621573	0.856661	0.581067	0.397967
SUGP1	18.3024	25.7418	19.0741	22.6347	22.3029	20.1524
CCDC167	15.8919	17.6636	9.9679	13.8563	13.3027	17.1183
LOC388210	0.682723	1.47552	1.6079	1.63828	1.20786	1.08725
RFK	9.25579	7.88878	7.84748	5.90991	5.98938	5.42175
ASPG	2.15278	2.36758	2.74261	3.81306	2.70879	2.58531
EARS2	12.066	10.4285	8.75465	9.29506	9.33421	10.8358
CYP2F1	0.0572639	0	0.130047	0.10754	0	0
GCKR	0.327153	0.661138	0.919868	0.263307	0.357198	0.43686
ZFYVE9	7.28349	5.67588	7.096	6.59943	6.0643	5.83553
ARL4D	7.87807	13.5139	20.083	14.9212	14.6668	14.0565
RAD51C	15.8439	8.81217	10.2553	7.52887	8.71528	9.10206
SHC1	47.9898	54.1781	45.9697	43.67	44.3843	36.5873
SH2D4B	0.126893	0.112191	0.0213464	0.0264779	0.0718392	0.109826
ADAMTS6	0.287821	0.462679	0.415957	0.393105	0.724927	0.3098
FRRS1	3.48369	2.71575	4.79228	2.46214	4.93857	4.4118
MMP26	0	0	0	0	0	0
LOC10028811	2.06941	2.37507	3.28138	4.20548	4.19958	3.52748
MIR1289-1	0	0	0	0	0	0
BTN2A1	15.254	17.899	13.5792	11.7951	21.1423	15.1292
RCBTB2	8.82123	8.57082	7.45639	5.50248	7.86163	6.09916
SULT1C2P1	0.666889	0	0.16828	0	0	0
LOC152578	0	0	0	0	0	0.112211
UACA	16.838	12.7125	15.4721	11.3097	15.582	15.0563
CTAGE9	2.63296	2.47301	2.78145	3.22892	6.60589	6.69616
DDX60	9.27758	5.40344	4.11374	1.68609	3.82225	2.29685
BBIP1	5.91971	6.08734	5.34086	6.0181	5.20054	4.3775
GGN	0.285477	0.378602	0.648324	0.491441	0.818199	0.65229
LOC10065299	0.97763	0.555659	0.422898	0.524559	1.06741	0.783279
MPHOSPH9	2.09202	1.53736	1.87161	1.60722	2.52641	1.86237
LGALS9C	0.306683	0.81345	0.742915	1.72782	0.469676	0.305779
BGLAP	1.86332	5.44722	1.7619	5.89588	7.39286	3.28529
OR4C16	0	0	0	0	0	0
CCDC42B	0.859884	4.38427	2.27206	4.94687	4.5982	2.37169
KRTAP8-1	11.8907	3.8229	0.40915	21.0615	1.72119	3495.55
TROVE2	4.96418	4.39546	5.08881	3.39237	4.51874	3.63792
RASAL3	4.41072	4.50983	2.65752	1.69045	6.53571	2.76727
GRN	104.618	128.793	121.535	125.301	137.847	119.604
PPIAL4E	0.10784	0.123949	0.0174933	0.0506301	0.224508	0.0672014
OLFM1	8.50844	9.76039	9.4929	6.9553	10.2655	8.09915
LOC10028938	0.295641	0.29604	0.656876	1.42E-09	0.616192	0.195414
SPG11	12.6528	10.1459	11.8296	9.83301	11.854	10.7091
MSL3P1	2.95091	3.616	1.76379	2.81947	2.83566	2.54873

CA13	7.57909	5.51316	7.48358	6.21219	8.50808	6.68165
LOC728671	0	0	0	0	0	0
THAP1	5.48292	4.27284	4.71337	3.28466	3.67603	4.12351
GFI1	0.59812	0.758373	0.508876	0.319496	0.972458	0.557659
MIR495	0	0	0	0	0	0
KDM5D	16.9357	17.4125	0.0730159	0.0164301	0	0
TNC	15.5496	13.678	11.2383	11.2645	11.835	15.6133
EDDM3B	0	0	0	0	0	0
LOC10050625	0.338678	0	0	0.636027	0	0
C17orf63	6.84774	5.76506	6.12143	5.24491	5.47773	6.14592
HOOK2	37.1773	51.7973	56.8312	58.3829	53.862	46.479
SNORD92	0	0	0	0	0	0
LOC653712	0.82997	1.1028	1.57509	0.87979	0.837582	1.07795
UBASH3B	2.5524	1.59796	2.04706	1.50277	2.02985	1.83987
ETF1	58.5099	49.8052	54.4254	57.7579	47.9898	50.8268
LOC10065298	0.869219	0.0853899	0.438669	0.272061	0.307561	0
TMEM56-RW	2.47848	0.793017	2.99342	1.87307	1.88066	3.58105
ETNK1	15.5441	13.4181	14.8975	11.2739	16.5079	13.6946
LOC10050685	0	0	0	0	0	0
MFSD1	48.8671	40.51	43.1519	39.0191	41.3096	39.0173
FAM184A	1.56679	1.21286	1.47895	1.23642	0.859807	0.610765
GPR135	0.172434	0.30491	0.217556	0.269854	0.292864	0.32236
XKRY	0	0	0	0	0	0
SARDH	0.554585	0.517376	0.442981	0.463344	0.567829	0.517363
TNKS1BP1	59.182	55.367	69.4802	67.082	69.1063	66.6674
SLC35B3	14.8623	16.4784	16.288	12.2635	18.0034	13.7164
MIR133A1	0	0	0	0	0	0
PDZD7	0.959842	0.699332	0.963826	0.96624	1.9055	1.2698
OR13A1	0	0.0437825	0.112461	0	0	0.0617176
MCL1	101.69	82.5617	102.424	72.1661	101.578	73.0391
LOC10050766	0	0	0	0	0	0
FXYD3	182.687	216.507	170.513	270.064	191.714	173.107
TRPC7	0	0	0	0	0	0
SLC10A6	3.15369	2.15459	5.04602	1.68254	4.61066	4.60046
CD200R1L	0	0	0.201853	0.180271	0.217381	0.0265854
MAGOH	27.3428	30.3656	29.0676	20.866	25.9816	22.1669
SEMA5A	4.99065	3.38496	6.2544	5.72501	6.41291	5.51063
COPB1	36.8691	27.7769	33.7879	27.942	30.9144	28.1054
ANKRD30B	0.146725	0.111193	0.0317348	0.0196818	0	0.0391855
GEN1	5.00431	6.43313	4.24148	3.77649	5.21095	4.1707
ZNF597	1.36186	0.837615	1.16541	1.27877	1.28221	1.07004
SLCO1C1	0.49381	1.25417	0.475343	0.410242	0.452965	0.328179
FAM83G	11.4838	9.52827	20.8633	15.3566	21.3737	25.0923

HS6ST3	0.145983	0.0537787	0.21181	0.399804	0.0774811	0.0758086
ELOF1	50.5863	60.5464	44.2857	60.9634	47.1956	53.5395
DSTYK	5.54232	5.16934	6.12632	5.81153	6.6432	6.10799
HCCS	10.6683	10.4226	10.755	10.8677	10.1252	9.22485
C20orf196	2.06272	2.51848	2.00763	2.21356	1.93936	2.5708
DONSON	7.83358	10.9313	8.00201	8.41907	9.46756	7.70462
NOM1	5.71385	5.78942	5.86255	5.66082	6.52647	5.11044
FAM26F	5.05515	4.10459	1.24956	1.16246	2.62829	1.86438
FAM48A	13.8654	12.1488	14.8055	12.1261	16.2473	14.0049
RDH13	14.751	16.0364	27.8206	27.4976	31.2021	32.5198
LOC401588	3.81889	3.42466	3.6343	4.40551	4.76031	3.26369
NUBP2	33.0396	62.9654	38.8331	57.891	45.4759	49.1736
ARID4B	10.9433	8.89318	9.50553	6.11931	11.1704	9.14839
CACNG7	0	0	0	0	0	0.0269914
LAMP1	183.198	176.591	194.355	207.256	174.186	184.265
PLS3	73.6067	62.4194	73.3108	59.8262	72.6882	68.8256
SFXN2	4.95306	4.90052	4.13635	3.87571	3.83063	3.57647
C3orf77	0	0	0	0	0	0
KCTD21	5.03645	4.79227	3.60761	3.58835	3.57139	4.18578
HDAC7	29.3042	36.8294	39.9739	37.5608	48.2752	37.1483
RGS12	11.8843	19.725	14.4322	18.1348	21.0562	18.8605
THSD7B	0.131091	0.231804	0.384541	0.138478	0.344406	0.102113
SURF1	61.9331	80.8465	43.1466	51.5171	59.4542	58.1009
YPEL3	87.8804	140.547	85.2052	114.579	115.931	128.955
PLCXD1	7.33361	7.68521	9.49456	7.87122	8.6321	8.20693
SNAP91	0.417545	0.104852	0.161596	0.125276	0.154212	0.0985359
MUS81	15.7268	23.7419	17.7676	18.086	22.1842	20.0027
GCFC1-AS1	1.30127	1.30722	0.878066	0.713773	1.32746	0.775381
ARV1	19.2737	16.3113	16.1232	14.3655	17.4341	16.2166
GPR149	0	0	0	0	0.0278748	0
NUMB	33.2875	32.2505	31.3203	28.8543	34.0264	33.7189
CLN5	14.3123	11.7704	15.2115	12.8693	15.0941	11.9659
ITPRIPL1	1.96338	1.17564	1.05017	0.753564	1.47078	0.860575
MDH1B	0.435799	0.963265	0.857746	0.736575	1.11025	0.624614
DIRAS2	0.355606	0.104801	0.376874	1.31337	0.452975	0.531837
FLI1	6.44706	6.50197	7.64536	4.76473	7.43162	5.19374
COPB2	44.0454	31.7052	36.9878	30.1549	31.2139	30.6768
PRSS50	0.32594	0.648394	0.801899	1.60677	1.60884	1.11711
SCARNA7	0.787561	2.08894	1.19238	2.95803	0	0
SNORD112	0	0	0	0	0	0
MIR3119-2	0	0	0	0	0	0
ENKUR	0.0892025	0.105156	0.0675268	0.0837597	0.0568136	0.0555872
PALMD	53.2559	50.503	65.8813	49.8964	42.8961	49.3666

PLEKHA8P1	4.55062	4.81783	3.9529	2.62435	3.16593	3.42987
TTC25	0.39616	0.612955	0.524817	1.16246	0.599252	0.432023
CCBL2	24.9022	23.6186	19.7638	20.0938	20.4714	18.8401
HECTD3	37.6311	39.3181	36.9184	36.8326	37.5696	34.1475
SERPINB6	45.6575	52.6416	40.6822	36.2417	36.5607	27.5349
LOC10012857	0	0.788364	0.450003	0	1.32513	0.370437
RREB1	13.3888	12.3774	15.0949	12.2621	12.8006	11.0361
AMBRA1	7.50366	7.73714	7.59796	7.42423	8.55597	8.64634
ETV3L	0.336254	0.144661	0.356717	0.153635	0.367651	0.262183
TTY10	0.261142	0.346328	0	0	0	0
KRTAP1-3	16.6901	5.17011	0.368891	169.644	2.7157	1918.11
SH3TC1	3.0566	4.15452	3.5744	3.83394	5.24465	4.70501
SMC3	13.543	10.2992	13.6576	9.4486	14.1298	11.7444
EPDR1	4.2957	4.14015	6.38656	9.88413	3.96837	2.79748
RASGRP2	4.22816	6.87366	3.51044	3.11697	6.45816	4.5904
CTXN2	0	0	0	0	0	0
ZNF354C	1.79227	1.09413	2.22896	0.961663	1.33176	1.19664
FLJ44511	0.168215	0.570113	0.275903	0.342228	0.357123	0.489181
KIAA1009	2.8114	2.88337	3.0363	2.53427	3.37826	3.03671
CD55	23.1588	15.7479	35.9656	24.8499	34.4921	27.5996
MEP1A	0.0679905	0.0601129	0.0514692	0.031921	0.0433035	0
LOC10050666	4.33295	4.70378	5.23149	3.19305	3.77272	5.60529
AHCYL2	14.7286	13.6571	14.7999	18.1339	15.0199	13.5642
PLA1A	1.14963	0.902174	0.511492	0.285975	0.436443	0.337552
SURF4	84.5245	82.0473	82.0424	79.6817	69.453	66.3672
ARFIP2	16.8674	18.18	16.3704	19.6065	17.7763	14.8448
SERF1B	13.6766	11.851	13.2176	15.3827	12.6015	12.9762
LOC644649	2.18291	1.15799	1.07411	1.4348	0.834185	1.3603
HIST1H2BH	0.438431	0	0.331895	0.41168	1.11696	1.63927
UGT2B4	0.0488645	0.172812	0.0739814	0	0.0622441	0
PRUNE2	1.9395	1.51033	2.04421	1.75812	1.88143	2.11508
FAM164C	1.64065	1.59312	1.76557	1.46693	1.3248	1.53236
ID2	52.1819	47.9814	61.9877	58.6468	54.5053	51.1776
LOC10050607	0.472041	0.695582	0.833788	0.443239	0.20043	0.196104
FITM1	1.17036	1.65561	1.15176	2.1979	1.93806	1.82329
WDR19	5.63687	6.3671	8.35582	6.07782	7.30317	7.26573
RGS21	0	0	0	0	0	0
GP1BA	2.01794	2.21233	3.51346	2.27377	3.88141	1.73534
LOC10012910	0.695675	1.16864	1.52723	0.587905	1.37355	0.953733
SPATA8	0	0	0	0	0.072428	0
SNORD115-3	0	0	0	0	0	0
LOC728145	0	0	0	0	0	0
IKZF1	0.686115	0.894331	1.77878	2.77217	0.930179	2.41605

ALG10B	2.20883	1.81224	2.69236	1.40615	2.87324	2.02385
PAPSS1	44.2866	32.3549	38.9877	35.1066	35.2012	36.3191
C16orf86	2.97542	5.18399	3.44486	3.77995	4.79339	3.38111
LOC729020	2.21635	1.06485	1.93287	1.08567	1.56485	1.98139
PLK1S1	8.82312	9.83369	12.3246	10.3896	10.5415	9.08656
TXLNG2P	9.93059	8.27829	0	0	0	0
ENAM	0	0	0	0	0	0
FBXL15	7.04726	12.6514	8.81545	11.3381	11.3579	9.69355
ELMO2	16.9308	14.7187	17.5037	18.1038	19.162	19.4433
ASB4	0.184078	0.158226	0.116121	0.263176	0.158172	0.177018
TMPRSS2	10.0013	4.28495	6.02885	9.50704	4.79717	5.73229
LOC284561	0.0437189	0.0193268	0.0496432	0.0205257	0.0417672	0.0817313
SORD	118.862	89.8617	44.2889	48.5094	45.1462	46.5839
TUBG2	15.0205	24.0162	19.2123	17.4003	19.8663	18.6844
LOC1005058	0	0	0	0	0	0
MIR600HG	6.31778	4.59589	5.8723	5.39163	6.53999	6.14965
ZDHHC2	8.62655	6.08016	9.05051	8.57936	5.68002	5.31513
CKS2	14.5898	22.1133	15.9533	17.3963	19.7647	18.3278
RGPD2	0.692664	0.67176	1.01135	0.629685	0.669571	0.577164
TSPY3	0	0	0	0	0	0
TBX20	0	0	0	0.0747311	0	0
STK17B	7.86438	6.24826	7.10564	5.2066	7.5133	5.32984
HCST	17.0441	17.628	9.33102	5.08353	23.1692	8.27687
MIR373	0	0	0	0	0	0
PCDHB16	1.26314	0.709074	1.44194	0.866021	0.755553	0.587298
SETD5	22.6076	19.9759	24.8154	21.2806	27.0202	23.4628
ATG7	8.23448	8.55892	7.14335	7.31707	9.09019	9.13748
TRIP4	15.3255	14.6196	17.6694	16.7572	14.4808	13.1629
MIR4422	0	0	0	0	0	0
C22orf45	2.09624	2.36302	1.65333	1.46748	1.43514	1.46659
RPL13A	577.999	941.498	672.884	1035.93	680.052	691.505
NDUFB10	136.945	166.568	111.921	143.316	107.443	121.413
LDOC1L	6.57398	5.17359	5.15428	4.98578	5.63636	5.52595
AHCTF1	7.19074	5.19462	6.29812	5.56834	5.63402	4.37167
CDKN2B	15.6046	12.373	16.9214	19.5435	13.8653	23.6778
MIR3190	0	0	0	0	0	0
CCDC17	0.829878	1.46357	1.33938	1.40616	2.51702	1.26044
C1orf54	16.2441	19.3227	16.0964	15.3443	18.0574	7.5465
ODF3	0	0	0	0	0	0.107538
ZDHHC19	0	0.145371	0	0.154389	0	0.102461
MIR557	0	0	0	0	0	0
TARDBP	58.2152	51.6333	56.6704	51.4158	62.9365	54.1501
15-Sep	76.2771	54.7293	67.501	56.3773	56.9593	50.6423

COL11A2	1.00467	1.37877	0.640728	1.16202	1.34664	1.30804
CCT6A	58.6955	51.2613	54.6531	53.7144	48.9722	47.7368
HNRNPU	57.5133	48.8283	48.0784	42.1421	44.4634	45.5498
MIR520E	0	0	0	0	0	0
EFCAB7	2.96639	2.2806	3.12427	2.62392	3.47742	3.40236
SERPINA5	1.45185	3.30633	3.26387	0.991464	1.09282	1.0144
RABGAP1L	5.79019	3.78916	4.96309	3.16305	4.08235	3.55336
LGALS3BP	92.0775	122.094	78.5825	61.805	66.69	44.756
ZNF625-ZNF2	3.93E-96	3.73E-112	2.63E-29	1.19E-61	3.29E-69	2.35E-63
SAFB2	20.9329	23.6865	21.1359	24.2531	26.4941	24.1866
LOC10028917	0.325363	0.249063	0.424704	0.566871	0.512193	0.236844
CDK5R2	0	0	0.030835	0	0	0
SPATC1	0.227979	0.0485209	0.350641	0.274834	0.15729	0.213743
PDSS1	4.38516	3.83509	3.71046	4.37265	3.73693	3.56583
KRT40	0.267713	0	0.0405321	5.07784	0.306914	6.30608
MUTED-TXN1	1.14E-05	0.048595	2.72059	2.05573	0.624356	1.42533
PRCD	0.261298	0.598452	1.58949	1.27973	1.03323	0.781645
SRSF1	61.6836	58.9385	53.872	53.7004	63.3094	54.5602
MYH14	23.5945	19.7066	36.4818	39.4464	33.2531	41.3518
HNRNPH1	262.365	285.851	253.355	280.996	302.955	254.762
TIMM22	13.5091	16.7546	11.9782	15.9148	13.5035	14.6931
HLA-DRB1	192.517	195.765	151.194	93.8003	227.111	102.039
HNF4A	0.12326	0	0	0	0.0196252	0
GPR3	0.437925	0.559268	0.515685	1.00517	0.340899	0.33354
GUCA2B	0	0	0	0	0	0.150351
CA3	13.1958	22.0611	28.515	7.6597	12.2247	11.3628
ADNP2	7.09912	7.31743	8.45268	8.72604	8.1909	6.48019
POLD2	55.6177	64.9544	49.0293	65.3119	52.1712	60.0623
KRT6A	638.505	572.938	430.853	471.926	448.615	876.715
ISG20	11.4498	10.7834	5.37013	5.60932	7.29245	8.9188
CST2	0.523922	0.340324	0.437083	1.27256	0.12258	1.55914
LOC10050559	0	0	0	0	0	0
SNORD116-2	0	0	0	0	0	0
RNASEH1	6.43747	4.55328	6.67628	5.50066	4.14106	5.53595
ARF6	47.7442	38.5103	46.871	40.8528	44.1373	44.25
CYP4F30P	0	0	0	0	0	0
SLC4A9	0.21134	0.266933	0.0914202	0.141746	0.153833	0.112884
WDR48	13.6662	12.3643	14.1822	11.6612	14.6533	12.6668
C2orf70	0	0	0.145391	0.360684	0.122325	0.119684
EIF3IP1	0	0	0.0904319	0	0.152169	0
CPSF6	21.0319	17.6647	18.8458	16.3918	22.5582	16.915
PPL	87.2469	74.6189	94.5409	79.1615	101.213	103.878
SNORD114-2	0	0	0	0	0	0

EPS15L1	11.1407	8.09667	10.9172	7.78645	8.45038	9.93055
OR5AK2	0	0	0	0	0.0821463	0
MMP28	21.0683	37.6066	25.8167	25.2592	29.6456	18.8312
C1orf31	37.5448	37.0904	26.3925	23.9262	20.9541	21.8824
GPR17	1.00415	1.68161	2.48136	1.57837	1.32366	1.10294
ZNF215	1.12553	1.32683	0.527448	0.654242	0.477903	0.601184
ZBED6	4.50312	1.67637	7.89426	3.14742	4.55008	3.08044
FTSD2	18.1279	19.617	16.4389	15.1379	20.4756	16.327
LOC1005065:	3.23267	2.25991	2.50406	1.6236	2.05891	2.48294
MIR4261	0	0	0	0	0	0
CHAC2	2.17543	3.15434	1.77856	1.47074	1.82892	1.35564
SEMA6C	5.64102	8.79215	6.95175	8.17341	9.32475	7.62896
CXorf28	0.200839	0.355138	0.152036	0.377169	0.255831	0
PSEN1	16.7055	12.9683	15.7832	14.2517	15.7327	14.7366
LOC1005068:	0.217913	0	0	0	0	0
UBE2H	26.6182	23.6757	28.0835	29.4939	26.6823	28.7099
DDX54	15.9473	17.8084	16.3312	17.0755	17.5569	16.6822
RPL7A	481.727	666.137	530.536	862.742	577.375	576.249
CHRNA5	0.253814	0.400395	0.279753	0.347874	0.376592	0.107553
MIR769	0	0	0	0	0	0
RNPEPL1	35.0556	53.5482	38.4977	46.4851	42.8932	41.099
TFAP2C	51.3344	53.4485	58.8571	55.3263	54.5954	52.2458
ZNF679	0	0	0	0	0	0
MPDZ	5.31435	3.86281	4.25509	3.19078	3.27083	2.90568
PDE1C	0.299617	0.296141	0.392074	0.248628	0.30698	0.255834
LOC644684	2.12619	2.70305	3.70297	4.11044	3.28508	2.5028
CCDC144C	0.154633	0.111343	0.233505	0.441656	0.169502	0.0706021
LOC1005057:	0.0817864	0.149255	0.139632	0.0776603	0.222748	0.106201
PSMD2	56.1349	46.5272	45.668	48.4853	43.676	44.6589
IFNW1	0	0	0	0	0	0
WDR74	24.9821	35.8215	24.2456	29.9237	27.7937	24.6989
LOC1001301:	0.314359	0.361317	0.571131	0.678909	0.900976	0.685633
YIPF2	25.0768	30.6995	25.2548	30.9779	28.4961	29.2065
GEM	4.66827	3.63474	5.42967	2.4733	5.34199	4.51794
HOTAIR	4.48661	2.88843	2.7369	3.72204	3.44015	4.09879
YIPF3	67.0335	75.5666	65.1455	73.8264	69.3724	72.3098
CSN1S2BP	0	0	0	0	0	0
DNMT3A	6.00377	4.831	5.89793	4.99499	6.17194	5.67936
SLC34A1	0.186358	0.254402	0.199795	0	0.0495668	0.293802
STRN4	29.1459	33.5692	29.4852	33.2546	33.0854	29.4921
LOC284798	0.0412418	0	0.029796	0	0.10507	0.0781186
COL27A1	7.58038	10.1063	8.9741	7.32768	15.878	10.8615
RAB3IP	2.54637	1.54853	1.92058	2.40044	2.13398	2.22396



LOC10050696	0	0	0	0	0	0
MIR106A	0	0	0	0	0	0
FZD3	1.54182	0.94701	1.31693	1.33885	1.24269	2.02785
MIR3179-3	0	0	0	0	0	0
ZCCHC3	8.5126	11.1453	8.50071	8.97959	9.50531	6.86224
ZNF606	3.59732	2.35332	3.4756	2.65476	3.20177	3.14037
WBP1	50.4653	80.0194	54.6253	67.4093	81.552	59.3288
LINC00467	8.48983	11.5595	8.61198	6.69633	4.75835	5.60793
CTSE	0.197232	0.232508	0.149306	0.208348	0.0314044	0.122907
SF3B1	109.857	98.423	125.514	84.4793	133.999	110.506
SCRIB	20.5519	27.4265	26.9887	29.9531	32.4999	42.2003
OR2W3	0.126329	0.446767	0.382526	0.355862	1.04597	0.944672
VPS52	31.2602	34.138	32.0203	36.2874	39.655	36.2493
LOC10050621	0	0	0	0	0	0
ENDOU	25.5708	17.8888	37.036	34.1673	23.2153	36.4431
C16orf82	0.0449163	0	0.0340019	0	0	0
CELF5	0.343584	0.273546	0.234211	0.326566	0.30706	0.300432
HMGA2	0.141047	0.0831364	0.0177955	0.223493	0	0.0585962
GPR18	0.331021	0.594627	0.250585	0	0.655536	0.206278
BCL7C	36.7127	67.0735	53.7379	67.1498	59.8263	48.4068
ALDH3A1	34.2812	55.1076	18.3781	23.8778	32.1945	21.7291
AIF1L	22.4145	18.5087	19.7824	20.0593	17.8503	18.6078
MIR221	0	0	0	0	567.679	0
C5orf52	0	0	0	0	0	0
DCAF17	6.68051	5.49622	6.17057	4.67003	6.22925	5.72011
ZNF222	2.1862	1.87615	2.43252	2.79081	3.30647	2.76279
ENTPD3-AS1	1.10974	1.18523	0.782112	1.27611	0.821248	0.802908
DEAF1	15.1057	19.1154	15.1809	20.6884	15.6099	17.7601
D21S2088E	0	0	0	0	0	0
MAP3K7	13.69	11.1246	13.6479	11.2381	15.3815	13.2958
MTRNR2L9	0.88597	2.34996	0.894245	3.05034	0.940465	2.57646
EEPD1	5.07564	6.09287	10.1524	8.69882	6.04489	5.42583
LOC400794	0	0	0.0454356	0	0	0.037402
LOC10027221	0.329239	0.133622	0.377674	0.206576	0.939255	0.475176
KLHL3	3.16395	3.39149	3.49731	2.78686	4.33343	2.78298
ATG3	44.2773	40.0207	38.1414	32.8895	35.4651	33.7481
ODF4	0	0	0	0.18545	0.0628946	0
LOC10065296	5.94E-08	5.23E-08	1.28E-08	3.09E-09	1.77E-08	2.08E-09
OPA1	16.348	10.8514	14.3321	11.0271	12.1145	11.5573
STK32B	0.858561	0.921747	1.53199	1.84269	1.58188	1.37576
PIK3R2	14.7459	18.3181	18.6484	24.5276	20.3778	20.046
USP6NL	6.31212	4.76463	6.27397	5.98799	7.04304	9.27195
MIR4486	0	0	0	0	0	0

MRV11	6.9695	8.31684	5.60372	5.2449	6.49911	4.75754
MRE11A	5.2988	4.99955	10.3181	6.94107	8.21982	5.55615
ZC3H7A	16.2191	15.5179	14.7607	12.0056	15.6827	13.013
MIR4443	0	0	0	0	0	0
ZNF599	1.49532	1.26581	1.49323	0.926093	1.86422	0.931817
LOC10050550	1.66071	1.06022	0.93049	0.646656	1.33754	0.898882
SNORD58B	0	0	0	0	0	0
UCMA	0	0	0	0	0	0
RAB6A	48.5456	35.0606	38.893	35.7343	36.1273	37.5624
SGK1	105.164	70.0909	42.7285	110.786	72.7089	53.7587
C14orf33	0.568979	1.57205	1.45368	1.66957	0.860667	0.886409
WDR37	9.19334	9.2045	9.77177	10.0908	11.5101	13.0012
PNPLA4	8.64559	6.84953	11.7676	10.962	8.95286	10.944
FAM186A	0.0523534	0.0115719	0.0594477	0.0122898	0.0500163	0.0326244
LOC10050564	48.8578	42.3959	52.7232	40.1686	48.2945	38.942
FBXL17	9.8286	6.79148	9.21981	5.90927	6.8847	5.49037
IL1B	5.24857	1.5892	4.73518	5.46841	3.34284	3.04667
KIF14	0.731702	0.854865	0.336298	0.65025	0.682394	0.626953
RHOQ	31.0722	31.5079	36.5971	27.3212	26.252	21.6455
SMNDC1	21.5127	17.1766	17.3247	16.1887	17.3941	16.575
PNPLA8	24.6878	17.5702	22.397	14.557	19.1037	19.8765
ENPP7	0	0	0	0	0	0
RAB36	1.45806	1.58314	1.58786	2.13771	1.48258	1.14771
SDK1	1.24164	1.39425	1.11196	0.944642	1.59888	1.1149
ATP1A4	0.45192	0.892112	0.250403	0.0883478	1.22664	0.580719
PTP4A3	15.1124	35.7025	16.5533	20.9361	20.5605	12.3505
LOC10065288	0	0	0	0	0.0380006	0
ILDR1	2.28791	1.22152	1.64256	1.61904	1.13366	1.45594
ZNF799	3.0716	3.495	3.20808	2.19058	3.83823	3.41619
LEPREL2	5.94257	8.31881	11.3328	8.7991	9.63187	10.6109
DKK1	1.79862	1.28244	0.614901	0.435839	0.406486	0.614646
CLCN4	1.01059	0.744583	1.44504	0.5799	0.795623	0.559784
FAM35B	2.26539	2.78991	1.94983	1.73274	2.30599	1.70773
MBD3L5	0	0	0	0	0	0
TAB2	20.4404	16.6279	20.7706	16.851	19.4154	17.2494
LOC201477	0	0.0781886	0.133891	0.083039	0	0
DEFB103A	1.24439	1.46695	0.157002	1.16846	0.528373	1.56383
SUB1	40.0791	35.0389	36.8536	29.6332	33.0417	28.8704
CXXC5	14.7501	11.7833	19.9512	17.5762	17.0244	18.3366
IDAS	0.244193	0	0.0369711	0.0917174	0.0622112	0.121737
RP1	0.013402	0	0.0304362	0	0.0170716	0.00835156
RPL39L	12.8462	18.874	11.8698	15.6102	12.8744	10.3597
TOX2	1.71733	2.11024	1.42671	1.37138	1.25649	0.835601

LOC10050564	0	0	0	0	0	0
C1orf101	0.556998	0.440087	0.250149	0.463003	0.562065	0.306631
HIC1	4.54758	6.20564	4.93815	5.12408	4.44949	4.02597
C18orf8	11.2935	9.7726	9.5943	11.1918	10.9952	8.07176
IRF7	18.8367	29.3207	9.79997	10.4787	18.6585	13.6765
AADACL3	159.373	129.105	81.6354	75.6961	64.3773	123.018
NPIP	35.2592	58.2242	15.5454	24.2471	33.0472	28.3275
CTBP1	49.6651	62.6546	58.5218	67.9565	59.3976	58.706
LOC10050751	0	0	0	0	0	0
NOS1AP	0.762676	0.319836	0.56343	0.408095	0.429228	0.476364
OR11H4	0	0.107286	0.0918589	0	0	0.0756171
MYEOV2	142.887	209.87	135.026	186.05	137.238	156.182
SOS1-IT1	1.83709	0.649694	0.927123	0.919997	1.17005	0.686876
EGR2	31.9831	30.5263	55.5055	29.5292	44.5302	45.658
NTS	0.54045	2.38916	1.43193	0.592053	0.573693	0.336786
PPAP2A	43.765	38.2325	45.3554	41.2104	39.8591	34.7483
INHBA	1.22382	0.208081	1.60345	0.928156	0.839414	0.791963
DHRS7B	35.3859	38.7383	29.9978	30.9121	28.3111	30.8218
IFNA16	0	0	0	0	0	0
CBLB	4.44042	4.42482	4.45714	2.99466	4.96876	4.15827
THAP4	41.7303	59.6083	43.4601	69.7174	48.9141	46.8484
APITD1	8.9425	8.76599	4.61264	5.27618	6.02919	6.36104
SLC22A13	0	0.0347851	0.0595666	0	0.0501162	0.0490345
ZNF296	5.51736	7.85255	6.06127	7.13927	6.72809	8.59546
NSA2	73.4524	77.4167	72.5678	63.3205	50.6808	47.2594
JAM3	11.7132	11.9132	10.923	11.2088	11.0744	7.66498
ACAD11	17.5806	20.6929	20.5301	16.7794	20.6744	20.0968
LOC10050615	0	0.107711	0	0	0.232774	0.379583
ALOX15B	986.892	849.945	421.541	445.031	275.014	505.833
C8orf48	1.49868	1.59005	1.13451	1.12579	0.71589	1.35418
LINC00422	0	0	0	0	0.130761	0.127939
IMP3	63.1426	78.5237	53.527	69.7777	60.4673	60.6776
LOC440337	0	0	0	0	0	0
YTHDC2	12.1909	9.94825	12.4499	9.37092	12.5581	9.49367
LOC728752	1.07855	1.13413	0.844724	0.724398	0.979985	1.63001
LOC401242	0.717994	0	0	0	0	0
LOC10050710	0	0	0	0	0	0
SYT9	0.0986027	0.0217946	0.335893	0.0462932	0.0785008	0
LOC10050660	0.0501661	0	0.0379761	0.0471052	0.0639022	0.156307
DDX58	10.1596	8.4076	7.2448	4.55998	7.32484	5.4067
PTPLAD1	34.0636	18.9423	21.5858	21.6805	19.2214	17.0392
FAM43A	10.2341	8.71425	11.4183	12.1229	14.1795	20.6433
TPM2	169.879	223.035	112.952	172.268	145.304	149.545

LY6K	3.70191	5.41671	3.63575	5.80386	3.79348	4.3476
ANKS1A	13.6994	12.6972	13.9792	12.5106	14.1941	14.2626
SNRNP48	5.45496	5.97714	5.9118	5.27535	7.91367	6.81313
CLIC5	3.16762	2.07821	1.47438	0.898857	1.25116	1.02539
MRPS33	81.4837	73.294	52.5441	61.9966	48.7903	65.5428
SOX5	1.02998	0.907977	1.70138	1.05448	1.53564	1.01934
PALM2-AKAP	1.5577	0.400969	2.33997	8.39E-18	0.229151	1.52E-12
GAGE12D	0	0.0314611	0	0	0	0
C7orf43	18.8614	26.6817	18.7135	24.7194	31.5914	26.3331
LOC10050711	0.637249	0.633842	0.964802	0.448775	0.659534	0.694936
MIR1539	0	0	0	0	0	0
ATP9A	14.9466	12.7939	17.0811	11.9994	11.1714	10.8209
ATPBD4	5.47231	4.6933	4.99061	3.7194	4.27046	3.54264
MIR4482	0	0	0	0	0	0
LOC219347	2.13222	3.1653	5.93747	6.72137	7.65412	6.92019
ILVBL	47.9606	52.2386	40.1068	49.1832	39.7524	46.9099
AMIGO3	2.37602	3.69847	3.85066	3.9279	4.39071	3.37836
FAM75D3	0	0	0	0	0	0
PTPRT	1.14402	0.518934	0.354361	0.837075	0.529935	0.953608
PTPN1	17.4231	17.193	18.8141	18.5378	21.1524	17.1013
LIPF	0.0815558	0.384572	0.0617382	0.344611	0	0
PNMAL1	2.17381	1.78138	1.32473	1.16336	9.35252	7.64754
RNF144B	14.2013	10.9652	12.5036	10.4594	14.2012	13.3699
ZCWPW1	3.34072	4.68301	3.77695	2.50587	4.13122	3.4806
DUSP5P	0.450949	0.362711	0.281394	0.46278	0.62642	0.204491
ARAP1	24.7337	29.7645	24.7795	24.2161	28.9824	24.5943
FUT6	0.803573	0.158955	0.176026	0.176396	0.119648	0.208351
IL18R1	4.21293	3.92215	4.96334	2.77697	7.23231	3.72065
NFATC3	20.5451	20.4064	18.8361	19.5786	21.4365	18.3319
GEMIN5	3.91204	3.50594	4.77868	3.75682	4.00921	2.80349
ADAT1	4.23943	3.13584	3.91282	2.99218	3.81185	3.29793
TAPBPL	15.733	20.8593	15.2674	12.5607	16.5551	13.4789
MINK1	50.5467	61.2873	62.3751	62.5435	75.5513	64.2061
SNORA79	0	0	0	0	0	0
LOC10050721	0.936359	1.22002	0.783442	0.879226	0.564984	0.737051
TTC35	43.5488	32.046	35.6968	25.7372	33.3067	31.1831
CPPED1	5.54133	4.51396	4.30087	4.38475	3.72758	3.10394
LOC10050681	0.944352	1.77424	0.71488	0.997573	0.977378	1.21374
LOC550112	7.77707	6.48308	5.31537	6.55142	6.84965	6.6741
ARL2	69.5757	95.0106	78.007	89.7993	69.643	69.0237
CEACAM21	0.0808038	0.0714416	0.558059	0.303575	0.521326	0.362694
TSHZ3	3.20136	2.36159	3.01816	2.23147	3.35241	2.66809
HNF1B	0	0	0.0274639	0	0	0

TP73	7.53181	10.5105	8.75075	13.501	9.80707	8.63834
MIR18A	0	0	0	0	0	0
FGFR1OP2	22.1421	19.4417	21.2398	16.6372	20.3734	19.0682
RBMS1	20.6253	16.3678	22.1821	16.3167	20.5291	17.3116
MIR623	0	0	0	0	0	0
11-Mar	0	0.31058	0.159553	0.395816	0.0894929	0.131342
SLC22A25	0.193664	0.285376	0.0977367	0.0606159	0	0.120683
NAT2	1.25553	0.51803	0	0	0.0533104	0.104319
CEP112	3.11161	2.92753	3.3946	1.44127	2.90955	2.47564
PGK1	91.2342	64.1501	75.8245	67.5896	75.0356	67.5274
FAM154B	0.316407	0.41962	0.646709	0.713042	0.624716	0.650665
SNORA10	246.441	130.733	261.18	277.685	219.744	245.715
OTUD7A	0.653162	0.981078	0.741396	0.704841	0.956177	0.772835
RHBDD2	41.8705	54.7493	44.4505	54.7007	47.7161	40.7101
NOX5	0.835213	0.673349	0.875555	0.505223	0.568554	0.544381
RARS	37.9091	39.4066	35.2278	36.451	38.094	35.2409
PLCZ1	0.1488	0.0438531	0.413021	0.186294	0.284314	0.21636
C20orf165	1.09754	1.45556	1.38474	1.71762	2.79612	1.25389
MAGI2	1.48718	1.77908	1.87027	1.58975	1.54715	1.30753
RPL9	43.1224	53.0126	159.458	202.892	158.033	147.573
ALOX5AP	11.7455	8.733	6.66925	4.1393	11.4753	7.06984
LITAF	115.537	93.8276	84.4933	92.9282	81.8641	77.7078
EVC2	2.2437	1.7893	2.09807	2.00355	2.08739	2.11086
CPVL	12.6253	11.6045	13.7803	6.80813	15.4848	7.04967
GPR97	0.0751621	0.232587	0.341389	0.35288	0.670196	0.234189
LOC503519	0	0	0	0	0	0
GPR50	0	0	0	0	0.0325528	0.0318501
SLC10A5	0.837022	0.296017	0.253452	0.785951	0.479794	0.521597
LOC10065275	0.814958	0.633066	1.04493	0.374768	0.308078	0.301428
LOC10028754	0.14876	0.244765	0.728241	0.695308	0.0955957	0.197876
OLR1	0.432263	0.150978	0.172362	0.18039	0.10876	0.0266019
MIR661	0	0	0	0	0	0
CXorf57	1.45111	2.03954	2.58885	2.06553	2.24835	1.81013
TMEM55B	27.2593	33.469	28.7828	35.8507	35.6695	27.3016
EXO1	0.756545	0.795126	0.563763	0.786374	0.828985	0.964912
RIPK4	11.4798	12.6258	11.0777	13.8828	15.2176	15.6438
OBSL1	18.7453	35.6231	26.7606	34.7863	39.4629	34.0633
DUSP21	0	0	0	0	0	0
GLO1	72.8173	56.6335	78.072	63.7404	73.4261	69.9479
HRK	0	0	0	0	0	0
SPOPL	8.91113	6.54831	8.25187	6.70335	8.1779	8.00138
C9orf174	0.916151	0.704087	0.773954	0.650898	1.17754	0.844682
AKIRIN2	17.0323	19.3343	16.9609	16.8507	16.8708	18.5825

FUT3	6.04783	4.67963	2.92909	3.44416	3.18556	4.31945
RPL23AP32	0.227586	3.62192	0.861421	1.9233	1.88436	1.56004
HVCN1	4.27699	4.94558	3.18481	3.56599	4.49167	3.17938
MIR873	0	0	0	0	0	0
SPDYE2	1.95073	1.91642	1.83778	1.62833	1.12382	0.958936
BACE2	9.70139	12.6854	11.4816	13.813	12.8627	9.60319
LOC10012914	2.75124	3.97935	1.69773	5.85346	5.41293	4.12291
HAPLN2	0.0592875	0.471764	0.0897619	0.50103	0.490887	0.184727
MIR1237	0	0	0	0	0	0
TTC8	16.2927	15.5385	15.2771	14.7891	14.9042	14.4016
LOC10050724	0.27434	0.181916	0.259596	0.257601	0.131047	0.213697
SPN	1.53893	1.43416	1.61621	0.690164	2.41048	1.0281
FLYWCH1	10.4317	15.4034	19.3221	20.2892	20.1599	15.8406
LOC10050559	0.0996351	0.113784	0.26333	0.0935558	0.654429	0.444827
LOC10012879	1.46244	2.88315	0.511806	1.05651	0.787937	0.421396
LOC284648	0.0723491	0.383799	0.164306	0.135869	0.184318	0.0450849
CDKN2C	35.8958	29.2488	35.0698	21.402	19.8731	16.3609
C19orf54	5.85681	7.71949	5.12279	5.70491	7.39018	6.21044
USP17	0	0	0	0	0.0426365	0.00834323
LOC10050619	0.399395	0.211872	0.241876	0.225016	0.356128	0.149332
LOC10050663	2.21947	1.77835	2.41521	1.75841	3.18073	2.42039
IPMK	3.80438	3.0741	3.81237	2.34246	3.38628	3.20631
PCSK1	0.0957382	0.0211614	0.147969	0.0349991	0.0952754	0.0746108
CRYM	1.26837	2.56486	2.19929	1.45341	3.34595	2.36359
LOC730811	0	0	0	0	0	0
FCRL4	0	0	0	0	0	0
MPG	19.4989	34.4196	42.3057	45.9425	41.5868	37.1236
COG7	9.21954	11.2381	9.36552	11.6488	10.7941	10.9413
LOC10028729	0	0	0	0	0	0
C4orf50	0	0	0	0	0	0
ZNF12	10.3108	8.15089	10.9183	7.5213	11.3833	8.91437
ZNF788	1.27247	1.28575	3.69579	2.73103	1.76978	2.34651
ZFAT-AS1	0	0	2.86E-128	0	1.60E-188	0
NXF3	0.05488	0.0970429	0	0.0515315	0	0
ATG5	12.702	9.02196	10.7684	8.86659	8.03178	8.88342
KCNQ4	1.66064	1.79703	1.40725	2.53743	1.65797	2.25526
EXOC2	8.18566	6.85126	7.73335	5.90301	7.57695	6.46121
MRPS9	23.4507	25.6546	24.8869	22.2289	23.097	23.3076
RBP4	129.545	156.559	222.434	92.8982	68.8527	51.9937
MIR2116	0	0	0	0	0	0
WDR5	20.3704	27.1707	22.9226	27.9131	26.3436	23.4209
C22orf43	0.170026	0.450979	0.450488	0.478956	0.0541453	0.105953
OR3A2	0	0.0937281	0	0	0.210997	0.0330307

TTC21A	1.89443	1.31949	1.34447	1.33465	1.74956	1.44614
TMEM150A	12.5954	16.263	10.4509	11.7257	11.9389	10.7758
LOC389906	2.49766	2.89842	6.49906	6.79723	7.6304	7.28808
TAF3	3.04555	2.69268	2.87509	2.456	2.37331	2.21045
GAB2	6.31569	5.89131	8.10397	5.17422	7.33072	6.18882
RPL41	611.202	830.149	641.202	977.473	668.551	637.076
LOC10050728	3.07315	1.75811	1.23162	0.678973	1.38163	1.01385
ANAPC7	34.6939	37.2697	27.7833	39.0691	29.8123	28.7859
ADRB2	4.69609	5.7592	6.30719	5.5475	6.01409	4.49974
CXCR1	0.609379	0.682947	0.399796	0.152586	0.543364	0.329107
SOX12	4.4097	6.81824	5.22083	8.41864	7.02806	5.54797
YPEL4	1.40794	1.73191	1.66823	1.43699	2.37826	2.36507
CHMP1A	49.7985	68.5686	50.921	64.7048	58.2516	57.0801
NEK7	18.27	16.0282	23.33	11.96	16.5846	13.6591
HAS3	11.4739	17.5468	11.5014	11.4577	8.94768	7.63159
TMEM178	3.16809	5.51969	4.69734	5.32381	4.6023	3.08141
KANK2	27.7367	27.3441	30.3168	25.0834	25.2894	18.984
DNAJC16	6.20967	5.56041	5.5303	5.44306	5.60372	5.51245
PRSS38	0	0	0	0	0	0
SRD5A2	0.248232	0.475521	0.313189	0.116543	0.289851	0.232032
ZBED2	1.82456	3.26768	3.29363	5.4472	3.81398	3.87742
ADHFE1	11.0375	16.2644	15.2975	14.5405	14.1646	11.7372
ZNF613	4.6916	2.54781	3.1857	3.609	3.67104	2.62585
MAD2L1BP	15.9661	18.1692	16.3313	15.7774	15.5214	13.8708
CTRB2	0	0	0	0	0	0
OR51E2	0.143599	0.0952207	0.108705	0.168546	0.137188	0.0223712
AKIRIN1	27.6585	23.7338	24.0876	24.3234	19.6345	18.8086
CTSD	407.659	428.185	333.893	408.074	377.435	442.034
ZC3HAV1L	2.2193	2.12126	4.99466	2.3655	4.31686	3.10235
MIR1302-6	0	0	0	0	0	0
RP9	11.0963	16.0211	10.712	12.8091	14.9127	14.5907
OR4A15	0	0	0	0	0	0
TGFBI	42.3692	73.7194	62.1049	69.5061	77.9142	53.659
GPRC5A	4.30512	1.85674	2.06668	4.73262	1.71651	2.02844
DLK2	9.26655	16.607	11.761	15.5367	12.8009	11.1653
ARHGEF38	2.04228	0.451983	0.674042	0.893011	0.773744	0.658309
CCDC28B	4.68063	5.74949	4.44179	4.3705	6.97271	5.17698
PCDHA9	7.04E-55	3.75E-19	0.018247	2.49E-34	0.0228352	3.31E-32
LOC10050550	7.69E-08	1.24E-08	1.89E-07	1.41E-08	5.98E-08	4.62E-08
GKAP1	4.43929	4.47725	3.66177	2.35229	1.67553	3.00428
MRC1	1.60114	0.938337	1.6772	0.472012	1.36368	0.580094
TIMM9	28	34.1094	26.212	31.6101	24.3218	23.1092
SPANXD	0	0	0	0	0	0

HSPH1	27.4421	20.0574	16.8497	15.3302	16.3718	17.6003
CLIC2	5.89936	6.10716	8.4512	3.82149	6.49211	4.09504
TMPRSS11E	20.891	13.6724	23.0857	15.7381	16.1808	22.6849
ZMYND17	3.55166	3.39875	3.32124	3.45265	4.33785	3.56722
CRH	0	0.066904	0	0.0710544	0	0
ROCK1	12.9052	8.81527	11.4518	8.45553	9.82676	8.20283
SNORD14B	0	0	0	0	0	0
SHISA4	7.72053	7.54691	6.19817	6.4977	7.22659	6.17892
IL20	0.0905168	0.320117	0.205565	0.339976	0	0.0564063
RPS27	1096.38	1331.26	955.219	1447.4	976.836	859.135
MYO9A	1.65494	0.943376	2.45615	1.11436	1.56719	1.9201
OBFC2A	9.64773	7.84437	8.32144	5.35714	10.0889	9.64163
SRPK2	16.1156	15.0793	16.5028	15.5407	15.8795	13.5679
C17orf80	7.84336	7.01628	7.13332	5.77469	10.2431	8.82164
MIR3663	0	0	0	0	0	0
CIB3	0	0	0	0	0	0
C6orf154	0.580838	0.813105	0.476339	0.999895	0.308282	0.392116
FAM197Y3	0	0	0	0	0	0
IL9	0	0	0	0	0	0
HGS	41.0282	56.3351	44.9666	55.9962	59.8074	54.2205
CXorf30	0	0.0308055	0.0791277	0.0981494	0	0.195411
N4BP1	13.3234	14.183	15.0122	13.7803	16.7327	14.6025
CDK19	5.57618	4.24154	5.9309	5.04581	5.13876	4.94048
RGS18	0.764822	0.591681	0.434231	0.359078	1.37002	0.387241
TMEM154	16.971	14.8144	23.7161	14.6942	25.1621	24.1783
DDX47	35.6456	32.5407	32.0842	31.1455	31.9454	27.8467
SPINK6	1.2572	0.208413	0.713782	0	0.800719	0.146894
OR6B1	0	0	0	0	0	0
KRT77	88.7118	75.0278	172.646	198.028	144.99	150.307
LOC1000936:	45.1992	41.4496	46.5881	46.9981	49.5318	50.8471
TCF12	25.8503	20.3574	23.1962	18.0298	23.6006	27.6978
MIR4265	0	0	0	0	0	0
PAGE2	0	0.922002	0.592069	0	0.442788	0
FTSJ3	20.4817	21.8406	18.9721	18.091	20.3571	17.6287
IL10	0.456676	0.288403	0.14816	0	0.415513	0
LOC1005063:	0	0	0.14723	0	0	0.121198
C1D	16.6413	15.6471	17.7809	13.0305	13.3039	12.5124
CSNK2A1	19.9623	14.2198	18.8985	18.8709	18.2723	17.4118
LOC728373	0	0.00739837	0	0.00628586	0	0
MGC16025	0	0.0426607	0.073053	0.0906144	0.061463	0.0601363
C1orf68	77.7123	48.237	151.403	166.183	221.627	164.685
MYLPF	0.419004	1.48183	0	0.983596	0.667166	1.04442
MIR101-2	0	0	0	0	0	0



LDLRAD3	6.96833	6.04248	6.49238	5.00173	6.29452	5.26094
SPSB1	11.1238	11.7177	13.6898	16.6226	14.2709	11.4277
EIF2B4	26.6231	34.7041	28.9272	32.0376	31.8931	37.8973
MIR1587	0	0	0	0	0	0
FAM25B	15.3157	9.35261	16.38	14.9849	25.25	33.1624
MIR1908	0	0	0	0	0	0
ZC3H18	11.5596	12.2179	11.4753	11.471	12.4157	13.0645
GRIN2D	0.416143	0.234135	0.486853	0.177614	0.301186	0.341834
PDZD8	3.56637	2.50001	3.72181	2.84645	2.54726	3.17487
WLS	26.9624	32.4803	31.2145	34.2056	29.0731	32.0972
KPTN	5.69907	6.92137	5.30981	7.64476	6.50167	7.29797
LOC727677	0	0	0.0583362	0.0723598	0	0
LOC1005064:	0	0	0	0.0761589	0.051658	0
LOC285972	0.100936	0.223103	0.0382045	0.0473886	0.514293	0.251596
LRRC59	36.5209	28.6507	24.9085	28.9925	20.8173	25.4233
PSD2	0.128897	0.303901	0.146364	0.181549	0.273651	0.174034
UBFD1	10.937	10.8288	11.2416	10.435	11.3148	10.7901
FICD	1.60601	1.07915	1.65343	0.965129	1.26836	1.56124
DUSP27	0	0	0.0548682	0.045372	0.0461633	0.105389
GNRHR2	1.64498	1.56196	1.63367	1.72273	1.86133	1.58068
EFTUD1	8.04205	5.16409	5.57918	5.01391	5.65079	6.42975
C1QTNF1	27.2111	36.7093	25.8731	18.1193	26.5501	14.2853
LOC10050714	0.623881	0.551596	1.1807	0.292907	0.927157	0.712756
TRIP6	41.774	70.3125	55.8403	73.5471	58.6022	52.2257
LOC10050590	1.4512	0.466568	0.0998698	0.123878	0.252076	1.89087
MAGEA12	0	0	0	0	0	0
LOC1002886:	0.110417	0.146435	0.167172	0.10368	0.105488	0.068807
LOC1005059:	0	0	0	0	0	0
LINC00221	0	0	0	0	0	0
NUMBL	7.16951	8.2161	9.79012	9.63202	11.0645	9.07294
MAL	12.3298	19.1948	18.9607	33.2105	14.2008	15.7891
MTRNR2L1	0	0	0	0	0	0
KCNG2	0.233329	0.0687648	0.176631	0	0.148608	0.0484669
EIF2AK3	8.45056	4.85828	6.85406	5.94143	6.07155	6.03129
PDE5A	6.77842	3.91898	4.44535	3.85138	3.83779	3.28435
FLAD1	35.6089	42.8278	31.2364	42.4451	29.0184	33.0561
LOC10050698	1.04486	0	0.703008	1.84536	0.882092	0
GOLGA7	47.2522	37.5335	49.631	42.1071	43.4501	42.8941
CALML3	1618.05	2162.9	1064.34	1719.64	1227.6	2849.92
CRYBA4	0	0	0	0	0	0.192816
ZBTB22	12.4863	14.3279	15.9173	16.6422	16.8214	16.5787
H3F3AP5	0	0	0	0	0	0
LOC646513	0	0.501309	0	0	0	0.706666

APTX	25.4822	28.4543	18.8684	20.3006	24.4955	27.644
DMRTA2	0.0321701	0	0	0	0.0204893	0
MIR3692	0	0	0	0	0	0
MGC4473	0	0	0	0	0	0
SCAF4	11.7965	11.5907	11.2185	10.5813	13.4134	11.0644
ATCAY	0	0	0	0	0	0
FAM127B	61.9042	79.712	55.6707	75.4879	59.4632	65.2444
HIF1A	46.7103	20.0501	27.2375	29.8494	27.0502	33.5654
LCORL	2.10393	2.32719	2.17661	1.40628	2.1368	2.1205
DCBLD1	3.28672	1.65152	3.58988	1.51502	1.77766	1.60048
TM7SF2	114.855	136.091	112.566	127.749	101.364	155.333
PMS2P1	3.76614	3.4584	3.93262	2.88396	2.85507	2.72155
HBQ1	0	0	0.159318	0	0.268084	0.131148
PLCXD3	0.38018	0.325288	0.324933	0.0690934	0.289004	0.145204
ZNF79	3.10643	3.26965	2.83683	2.63909	3.48593	2.70397
TRIM17	3.337	4.45563	1.97294	1.27582	5.10481	3.18965
LOC389300	0	0	0	0	0	0
PSEN2	7.08968	6.26758	5.70076	6.28172	6.15108	6.73826
KCND3	1.86239	1.64661	1.83248	1.43228	1.2381	0.859121
RBBP4	16.5143	14.6237	15.0839	15.892	16.2475	14.2977
KCNJ9	0.0655748	0.0579771	0.0744607	0.0923605	0.0835298	0
MIR30B	0	0	0	0	0	0
CASS4	0.549991	0.495133	0.539799	0.309312	0.705874	0.473936
FLJ40852	0.495768	1.23666	1.34885	1.48119	1.7749	1.70423
PPARA	12.9752	10.1498	11.377	8.86884	6.99818	7.02994
C7orf69	0	0	0	0	0	0
PFDN2	51.6825	56.7658	44.2111	55.2148	45.6927	41.6116
LOC10050673	177.701	171.556	123.91	148.728	136.725	127.306
MIR2276	0	0	0	0	0	0
SCFD1	32.063	25.092	27.1799	22.7847	27.7728	23.8702
NEU1	18.0436	18.8096	17.1209	17.3627	14.4679	15.7664
OR2J2	0	0	0	0	0	0
GLRA3	0	0	0.0206813	0	0.0174002	0
PDZD9	0	0.502771	0.363215	0.40047	0.271635	0
KRTAP10-4	1.76537	0.209652	0	21.1154	0.354494	74.8439
FAM129B	110.647	111.877	101.281	112.67	117.765	127.473
MAGEF1	19.2422	17.2908	20.6121	19.4853	20.3457	19.5539
PSMB1	201.644	210.801	176.81	195.754	170.429	175.673
KIAA1377	2.37844	2.533	2.84396	2.1318	2.8059	2.33269
IREB2	12.1639	9.87937	12.3987	8.2107	11.8168	10.7953
LOC10050700	4.37724	1.93504	0.552266	1.82674	1.23906	0.454618
DYRK1B	7.57244	12.02	11.1801	11.976	14.5313	13.0648
TP53INP2	16.8768	14.9423	15.8492	24.092	19.4985	23.402

FAM7A2	1.00771	0.769008	1.09649	0.534893	0.954615	0.408109
MIR4288	0	0	0	0	0	0
MYOG	0.0603341	0	0	0	0	0
LOC10050641	14.4108	16.5225	10.2013	15.3592	14.5773	15.7643
SNORA14A	0	0	0	0	0	0
CEL	1.10769	1.39172	1.06258	1.43784	1.65255	2.01447
FAM113B	4.71199	8.28824	4.46814	4.89022	6.6024	3.55448
TCOF1	10.775	12.9581	10.848	11.22	10.2236	10.9503
EDARADD	42.6131	36.3037	31.2194	36.6927	32.4096	30.9836
SNORA64	46.407	369.271	35.1303	305.028	177.341	173.513
KRAS	9.27475	6.59769	10.5151	8.78236	8.96096	8.60212
ADAL	3.75227	3.42985	3.27911	3.22635	4.84539	3.61709
PNMAL2	2.57953	2.89608	3.42501	2.6336	3.4423	3.24042
TRPV3	2.99395	1.83258	6.21091	3.62222	5.79394	8.32391
DBNDD2	44.7589	52.1947	46.3216	55.0608	49.174	50.0154
INTS7	4.96869	5.43352	5.10467	5.01668	4.63369	4.70737
LOC283335	3.70691	5.38075	4.68613	3.05386	4.22803	3.06516
GALK1	11.7515	15.5849	11.2114	13.6042	15.6357	14.7966
LOC401357	0	0	0	0	0	0
CALB2	35.7555	45.6779	42.9979	28.2275	17.6161	16.2274
LOC10050761	0.221575	0	0	0	0	0
C9orf123	17.1769	20.5721	17.1222	18.226	16.2162	17.0807
COL5A3	12.7747	15.6755	24.0219	18.5574	22.9952	20.3696
AADAT	2.72433	3.44476	2.17297	1.40689	2.91509	1.94061
NDRG3	18.3042	15.793	16.0257	16.7725	17.324	15.2482
PDYN	0.146969	0.225781	0.123721	0.0344997	0.162646	0.114577
BCAR4	0	0	0	0	0	0
KIAA0748	1.44105	2.1291	2.57567	0.394122	3.16147	1.6319
PARD6G	18.7871	17.2149	22.8035	23.6732	23.1137	22.8879
PTPN6	18.6914	23.3794	18.6358	18.9138	27.1913	19.5922
LOC10050681	3.95984	4.33039	3.14943	4.07237	3.60962	3.12625
RNF170	15.9251	13.2404	13.8017	11.7045	14.3391	13.0366
RWDD4	16.9546	13.2407	13.5983	13.2607	12.034	9.67083
RUSC1	30.9245	37.7354	26.2483	33.4748	34.273	32.9301
RDH11	140.332	111.35	100.721	102.389	86.781	101.857
CSMD2	0.12167	0.120228	0.0487612	0.0940848	0.123076	0.102579
LCE2A	26.8915	21.1821	43.6751	71.8498	62.2813	47.5308
MIR561	0	0	0	0	0	0
MIR4309	0	0	0	0	0	0
LOC10050621	2.25911	2.04719	1.66356	1.54601	2.59478	2.12837
TRNAU1AP	10.4713	16.8703	12.299	12.1258	13.0023	11.3989
NBPF3	5.46522	6.4095	3.64455	3.64575	6.34709	5.24121
SLFN5	4.96787	2.75666	3.63482	1.40528	3.94515	2.16315

GRAMD4	25.6939	28.1674	32.5025	27.9922	32.1273	30.0364
LOC10050680	2.28157	10.7557	3.39541	9.70838	6.54713	6.25071
MIR1225	0	0	0	0	0	0
PIGN	8.35343	6.58408	9.20139	7.90043	8.11493	8.76731
XAGE1B	0.068236	0.0603299	0	0	0	0.0425217
FCAR	0.0816629	0.0720415	0	0	0.186717	0
RBP5	7.25036	3.48631	4.81453	2.14989	7.61531	3.80473
SLC39A1	42.5011	40.2319	36.3097	39.2029	38.8904	31.4752
ALDH9A1	126.015	97.9918	115.322	94.6683	79.3595	92.9443
STMN3	17.7732	26.4698	23.9304	27.2201	38.1937	27.4774
IGBP1	38.8518	55.1636	44.3339	52.2359	44.289	46.0893
AFP	0	0	0	0	0	0
FNBP4	36.6278	42.0761	36.2231	37.5276	45.5862	35.0611
BCOR	5.90855	4.88979	6.81505	5.85764	6.39096	5.26741
POU5F1B	1.06645	0.943869	1.11005	1.64921	1.27392	0.706101
TMOD1	6.81575	9.572	7.0839	8.57754	6.83133	5.15607
C3orf15	1.88752	1.93425	0.911082	1.12518	1.71789	1.4178
LOC10050578	5.63848	5.51442	6.08902	6.70333	5.31236	4.7789
RPF2	13.9461	16.1071	11.5084	9.90986	8.80233	9.63015
LOC10050561	0.0639287	0.169565	0	0	0.162866	0.0796753
MYH10	9.74576	9.44299	11.2645	7.73515	7.65969	8.06905
ZNHIT2	9.21538	13.504	8.72011	12.8194	9.40179	12.5487
CTSL2	33.0055	19.8774	29.6186	21.3061	30.5394	74.9039
UGT2A2	2.15282	0.816958	7.28437	2.67712	0.796105	1.44094
LOC10065299	23.9823	29.2629	7.96136	10.1584	6.73676	18.8248
KRT39	0.498311	0.0550719	0.141459	3.62627	0.238033	28.6849
SSX4	0	0	0	0	0	0
RPUSD4	16.9499	19.141	16.0238	18.0655	16.5258	15.4182
AFAP1-AS1	0	0	0.0757877	0.0401054	0.018116	0.00893168
ACP1	52.5141	52.8496	46.5107	47.8492	45.8453	41.0356
MIR3913-1	0	0	0	0	0	0
KLK6	101.956	54.4347	30.894	29.6656	44.3666	106.556
WWP2	20.719	22.2804	19.6447	23.55	20.161	20.4739
DLX6-AS1	1.14344	0.137858	0.668864	0.488032	0.430337	0.323883
OVOS2	0.558045	0.356208	0.586476	0.538966	0.363024	0.227619
SLC10A1	0.260589	0	0	0.367034	0.124478	0.121791
CHRD1	20.632	16.1497	31.5059	9.9179	13.2932	10.3766
MIR3164	0	0	0	0	0	0
TSPO	264.705	417.78	303.659	435.715	283.138	315.881
MYL12B	472.938	427.826	400.23	427.251	373.647	401.519
NDUFC2-KCTD11	4.92391	3.98988	3.13302	3.99423	2.13375	2.35195
ASMT	0.390688	0.123983	0.0922883	0.350189	0.0929065	0.342939
SZT2	7.48117	8.89667	9.62616	8.90618	11.7024	9.21593

LOC283585	0	0	0	0	0	0
AQP10	0	0.207013	0.0886231	0.329782	0.149126	0.10943
KIAA1704	7.20399	4.84622	9.30654	4.63216	8.47831	7.66095
RIPPLY1	0.135365	0	0.0821799	0	0.125246	0.19388
EIF3L	219.034	264.701	258.022	338.273	240.619	233.893
CPNE2	11.2187	11.451	13.1877	13.446	11.5892	9.69078
GJA4	7.8021	13.5064	6.65071	9.60389	4.67689	6.04678
CACNG4	2.35327	0.279107	0.108625	1.99411	0.493512	0.858416
PPEF2	0.057684	0.102001	0.0436671	0.0270822	0.0551089	0.0179731
PPP2R5E	8.25732	5.51432	7.04882	4.64664	5.61349	5.71128
LOC644339	0	0	0	0	0	0
KIAA1109	8.61485	6.36319	8.68167	5.67485	8.32592	7.04931
LOC10050654	0.2031	0.924075	0.538653	0.912364	0.610242	0.327557
CELP	0.718621	0.850927	1.45067	1.7994	0.991669	1.0449
ZNF384	21.5115	25.9403	22.6642	22.5325	26.7285	22.7104
MIR569	0	0	0	0	0	0
RFX6	0	0	0	0	0	0.0174654
RGS5	29.0114	21.5656	19.8093	19.3446	12.9812	13.4926
IL12RB1	1.34675	1.33083	0.548599	0.183824	1.11648	0.560584
SLC4A11	19.6533	23.4217	14.9044	26.6757	14.241	16.6803
FAM54B	45.6186	46.9517	38.9934	43.0143	49.5885	44.3122
PIK3CG	0.55391	0.394945	0.60868	0.23489	0.84214	0.233827
DIS3L	10.0773	9.84998	9.88319	10.3612	8.68725	8.83977
SNRPD2	149.169	206.394	160.375	242.05	152.73	144.818
KLHDC9	3.37628	3.47286	3.51349	2.90649	3.01874	2.73212
MIR3622A	0	0	0	0	0	0
TOMM70A	28.7588	20.5251	26.1679	20.1913	18.8666	19.3912
CTAGE6P	1.65601	1.60677	2.16546	2.4656	3.89911	4.00684
SPAST	6.381	4.32999	6.52603	5.09026	5.50271	5.38388
SLC25A34	9.88888	9.77173	5.43097	6.15999	7.348	6.44427
LCN15	0.337112	0.149027	0	0	0.107354	0
HLA-DPB1	35.3576	38.9636	35.3416	25.5822	31.3336	13.5079
NFXL1	5.25287	4.13339	4.35422	3.87191	4.3158	4.69728
VNN2	0.882266	0.872401	0.998932	0.419017	0.736695	0.640357
LOC10013261	3.63221	2.2649	3.88952	2.26028	5.31876	3.33068
AMY1B	2.16401	2.16247	2.27907	2.33894	2.55255	1.90567
HOXA4	2.43888	2.80319	1.75393	2.40457	3.1455	2.77364
CDC20B	0.0349075	0.0308631	0.0264252	0	0	0
PDZRN4	1.97976	1.56116	0.669779	0.261589	0.482922	0.321607
SLC7A5P1	0.518463	0	1.57537	0.676151	0.599274	0.586338
TBL1Y	1.75149	1.32226	0	0	0	0
GLB1L3	2.70467	2.03272	1.71484	2.44451	2.99309	2.02253
GUCY1B2	0	0.0581216	0.0746463	0.123454	1.54916	0.860271

F8	5.32264	4.67087	4.72894	2.57025	2.97257	2.01874
TSSK3	8.53763	16.5029	12.6726	15.6404	16.9527	13.0399
TBC1D3P2	0.40486	0.838435	0.347448	0.536085	0.691072	0.601445
FOXP4	11.5911	11.6926	11.4586	11.183	9.68347	8.40214
HSD17B1	4.52105	7.43166	5.17441	7.40218	6.01543	6.00432
SOST	0	0.0391218	0.0334964	0	0.0563643	0.0275738
BTK	3.81212	4.39178	4.95541	3.61568	8.43655	5.18302
ITPR2	13.767	6.63743	11.4848	10.465	8.94431	8.81176
LOC645781	0.17721	0.235016	0.335371	0.748786	0.902926	1.10429
MIR641	0	0	0	0	0	0
MAB21L3	1.49999	1.08261	1.64532	0.718606	1.16982	1.33533
B9D1	5.82024	9.14825	6.7558	6.43669	5.68398	8.38223
SNORA36A	0	0	0	0	33.3947	0
ADAM23	0.811896	0.545548	0.368766	0.518403	0.475733	0.708315
MFSD6	23.6615	17.2523	21.7381	20.1945	19.123	21.1572
LOC10013119	1.27916	1.26409	2.56434	1.59092	2.77434	2.0953
PRKACG	0.334231	0.236405	0.354221	0.188303	0.170299	0.166623
PVALB	0.516293	1.36942	0	0	0.657659	0
C10orf111	0.432997	0.713518	0.281161	0.350255	0.197172	0.269481
TSN	28.7806	28.6651	27.037	28.9238	25.5633	25.7498
KCNJ8	3.53532	4.85803	4.96559	4.11952	4.23205	2.84009
SEMA4D	11.1487	10.0511	11.363	8.11314	14.1181	11.536
JHDM1D	7.4227	5.56144	8.49479	7.41448	7.2651	6.56939
SNORA4	156.316	276.409	88.7488	220.167	149.337	243.523
SPIB	0.146886	0.194802	0.111194	0.068962	1.12263	0.2746
FLJ34690	0	0	0	0.033947	0	0
LUC7L2	66.1352	65.1037	66.2348	70.0387	75.3767	62.8706
TMEM111	82.5264	69.0053	64.0065	65.9775	53.7839	53.0216
SLC25A23	38.1858	34.8173	35.7802	44.2124	37.957	38.626
ABHD6	33.7747	24.8305	19.8171	15.8304	23.7955	21.8565
LOC728054	13.2665	20.4608	17.8229	17.2734	4.4712	3.25574
DACH2	0	0	0.175241	0.0393296	0.166499	0
MIR583	0	0	0	0	0	0
LINC00336	0.0487612	0	0	0.137358	0.0310563	0.0303859
SLC39A10	4.80601	3.73801	4.77337	7.02358	5.00569	7.46448
ENPP6	0.0743892	0.0876937	0.0750841	0.0232834	0.142137	0.0463562
PPAPDC2	10.6509	9.68424	8.97847	8.32896	9.80097	9.50566
C8orf58	7.54262	11.4696	10.6646	17.1476	12.7125	10.8199
MYH6	0.0161145	0.0142474	0.0121987	0.0151312	0.0410536	0.100419
FBN3	0.0316296	0.0652514	0.143663	0.356396	0.201451	0.0788409
PSAT1	34.1962	27.9554	27.3149	31.4757	27.3669	28.2034
EZH2	10.9623	13.3853	9.62871	10.4258	14.2117	13.4744
HIATL1	36.6007	28.8233	37.4259	33.8805	34.4173	32.7667

FLJ30679	0.104538	0.0462128	0	0	0.0332903	0.0651435
GABRA3	0.287198	0.190441	0.271763	0.202255	0.160053	0.0894847
LOC10013048	0.476318	0	0	0	0	0
LOC728095	0	0	0.195418	0	0	0.160866
MIR3910-1	0	0	0	0	0	0
PDE8B	2.96771	3.44525	4.60721	2.86663	2.50338	2.40336
PDLIM3	9.04783	7.34731	4.07742	12.5321	5.41268	3.56719
DDX50	13.3843	14.5374	14.3411	12.4931	13.1789	11.5992
LOC728640	0.440288	0.424663	0.273647	0.366574	0.468036	0.433031
TGFB3	7.36748	6.89865	5.95374	6.30496	8.27603	6.14084
LOC647107	0	0	0	0	0	0
LOC729513	3.52369	4.00686	2.84762	4.42812	4.94313	3.78454
NLRP14	0	0.02261	0.0193588	0	0.0325751	0.015936
MEN1	17.9859	25.1162	21.2101	23.0996	25.3121	25.1913
POLE3	35.7256	34.4864	30.3097	39.7484	34.918	31.5316
SLC18A3	0	0	0	0	0	0
ERCC6L	0.369812	0.408706	0.27995	0.412357	0.235536	0.331274
COL7A1	38.013	82.2785	65.8168	82.1121	105.578	79.6185
LOC729175	0	0.117651	0	0	0	0
BCRP3	2.64869	2.45061	1.86176	2.17383	3.47011	3.30406
MGMT	23.6305	34.2514	18.9524	20.374	25.6248	25.0169
FREM1	2.69426	2.31502	2.65803	2.18462	4.68875	3.46016
SNORA45	55.873	148.198	0	52.4638	177.929	34.8177
RUNDC3A	3.91448	2.59921	3.78383	6.19662	7.04645	9.17774
ATP2B3	0.0929405	0.0801829	0.143797	0.168955	0.0865931	0.0756778
BTC	2.91372	1.25126	4.53745	2.97045	2.22692	5.08398
MAP4K5	22.0878	17.6766	24.0581	18.8835	25.8814	23.6949
HCN1	0.125319	0.0158285	0.0542098	0	0.0228047	0.0111562
TESK1	23.456	34.3157	24.2214	31.6254	26.1756	22.4124
LOC10050664	0	0	0.0464086	0.0287824	0	0
DNTT	0	0	0	0	0.128943	0
CDC25A	1.04084	1.23466	0.974285	1.08006	0.610664	0.648608
KIAA0649	4.1274	4.96358	5.61219	4.66537	5.3572	5.22937
IL6	0.19037	0.168314	0.216167	0	0.060624	0.118631
C1orf86	25.477	58.6076	32.0702	63.3554	40.8223	49.4424
DEPDC5	4.25103	3.59175	3.65529	3.49012	3.75218	3.54444
MRAS	27.2594	17.8931	31.4859	20.2581	17.5808	14.4893
SNORD116-8	0	0	0	0	0	0
ALS2CR12	0.284568	0.212287	0.252445	0.0501013	0.135932	0.303997
ZNRF3	4.18955	3.53458	5.1254	3.43526	4.23721	3.52081
LOC10065297	0	0	0	0	0	0
CEP95	19.0038	22.8309	21.72	23.3025	28.7402	21.5252
CYP26B1	14.7399	11.7459	15.1907	13.2982	15.3968	16.1576

CHRM4	0.515333	0.0650892	0.83595	0.276508	0.515772	0.550515
SNORD4A	0	0	0	0	0	0
LOC10065291	0	0	0	0	0	0
LOC10028761	5.64872	7.03231	3.69293	7.46855	2.20797	2.98068
SERGEF	16.0834	18.9387	14.5776	21.6711	16.4909	17.663
TIMM10	43.9837	52.738	48.8036	67.5133	52.5732	48.2263
KCNH1	0.0531649	0.105764	0.00894299	0.0905989	0.135918	0.132984
TRIM37	5.64031	5.41023	5.52695	4.90129	4.55381	4.38595
MMP16	0.437236	0.106642	0.376644	0.297301	0.268876	0.197304
MUC7	26.5787	4.41903	9.99903	15.2003	4.63772	2.47201
LOC646021	0.962941	0.282809	0.565001	1.60188	0.882816	1.32886
WDR60	5.94015	7.24717	8.30618	6.33277	8.54137	7.53262
LRRC17	3.15335	3.9066	4.05852	3.9309	5.18851	3.38193
MEG3	22.7089	42.4752	30.0006	22.2968	50.4281	39.0716
UQCRC1	162.783	174.774	138.42	170.418	138.46	150.437
MIR1202	0	0	0	0	0	0
MARVELD3	4.52578	3.26883	3.7474	6.1881	5.11805	5.82448
LOC10065280	0.285125	0.168223	0.441288	0.124551	0.731026	0.291377
CG030	2.88158	3.36787	3.76511	4.0401	4.95278	3.66515
MTCP1	1.65583	2.19179	2.36539	1.62658	3.02758	2.34383
LINC00303	0	0	0	0.06668	0.180914	0
DDX11	12.5739	19.2425	8.87747	11.7068	18.4619	16.6927
TNNC1	3.44991	3.0502	2.75669	3.41938	3.41797	3.10532
MARK2P9	0.206734	0.274171	0.156498	0.291179	1.02044	0.676345
IL4	0	0.495615	0.106087	0	0	0
M6PR	60.6767	56.914	46.4128	50.2318	53.2479	45.7559
TAX1BP1	47.9872	33.285	41.8406	32.217	35.3772	35.6394
WDR62	1.73732	3.34969	1.77333	3.95912	3.52866	2.90671
LOC10050701	0	0	0	0	0	0
ACTL7B	0	0	0	0	0	0
LOC10012884	0	0	0	0	0	0
A2LD1	2.75169	3.34098	2.93652	2.17954	3.47669	3.83745
FCHSD1	14.7593	15.8578	19.4536	25.6041	30.0846	36.6773
PRKCA	2.72885	2.61294	2.84143	3.04848	3.3936	2.98428
CA5BP1	5.91936	9.42034	6.54224	9.11577	6.71094	9.36943
TMEM210	0.361215	0	0.273442	0.339175	0	0.225094
LOC10050651	0	0	0	0	0	0
CA4	10.1064	11.1042	5.86793	2.67187	2.56223	1.71204
LANCL1	29.2302	24.0001	34.3963	26.8816	30.5178	26.8669
FAM90A8	0	0	0.0488204	0	0.0154105	0.0130482
IMPDH1	18.0421	24.7108	19.0632	22.9308	21.4613	21.1728
CECR1	12.4429	9.36805	6.89151	3.3359	9.67415	4.4103
TRMT11	7.9621	6.61721	7.91592	5.68198	7.30239	6.45013



CCDC92	21.3383	26.7742	23.7209	23.8789	19.2129	19.6725
LOC10028856	0	0	0	0	0	0
LY6E	357.003	468.847	275.24	352.825	241.281	212.343
CCDC99	3.98684	4.42276	4.32778	4.48523	4.52751	2.74225
LOC729080	0.242707	0.381486	0.0816579	0.316525	0.122138	0.268879
PIP5K1C	11.299	12.8433	11.7083	13.2773	12.1186	11.7228
COL16A1	31.96	52.3507	49.0686	52.3332	61.6554	64.6883
LOC10013151	0.626298	0.174863	0.249532	0.0928554	0.0839774	0.267035
STRN	5.7577	3.85758	6.31923	4.67057	6.21759	5.35917
UGT1A6	13.1742	10.4323	11.7426	8.2844	9.0212	9.71621
IGFBP3	59.0963	91.8103	56.9105	60.3315	68.2448	54.2325
SNORA5B	0	46.3577	0	0	0	0
LOC650368	0.657847	1.16325	1.54931	1.78449	1.90872	1.41202
CCDC6	19.911	14.8857	19.205	19.7923	18.4095	15.9732
KIAA0528	14.5456	11.0509	12.7102	10.0008	16.5241	14.2339
BAG5	19.0915	15.5388	18.7012	17.2833	16.7869	14.7563
SUV420H2	6.12412	13.7507	9.00517	13.1557	14.1428	14.5239
HEPACAM2	0.221149	0.397306	0.167411	0.332271	0.166957	0.0306145
LPPR5	0.0243705	0.0215469	0.0553537	0.143054	0.0620957	0.0683528
WDR81	10.1355	16.2791	11.9296	12.2152	17.3644	13.8888
LOC285074	6.24045	6.0924	7.73652	7.18269	9.39877	8.8099
TGIF2	4.87766	8.98093	5.95616	8.16967	7.96575	5.0851
TTY3B	0	0	0	0	0	0
GTPBP8	9.5973	6.71466	8.01042	6.38429	8.43721	6.92265
HIST4H4	0.934467	1.65239	1.41479	0.87745	0.892751	0.87348
B4GALT3	17.2674	17.8817	19.6033	19.4006	19.5385	19.7276
C20orf134	1.37391	1.79959	1.04005	1.19451	1.19914	1.87087
LOC10028729	2.9615	2.89891	1.28107	0.397257	1.48201	2.04321
TMED1	21.2429	28.8509	18.2824	26.7729	19.3944	20.7374
SHROOM2	2.68013	2.59528	3.11094	2.94802	3.40585	3.03807
ZNF618	2.21923	1.83374	2.15098	2.03513	2.1796	2.2618
SLC47A2	1.81568	2.7704	1.68334	2.1325	3.46918	2.31909
CST9	0	0	0	0	0.0398605	0.0390001
C9orf95	42.2144	42.5581	44.386	41.6129	34.7817	30.0923
LINC00340	0.382794	0.193396	0.455365	0.30809	0.626924	0.477082
LOC391764	0	0	0	0	0	0
HYAL2	23.8273	29.4299	24.1345	27.1797	23.8099	23.9358
MTG1	26.76	33.172	20.9842	27.6383	31.682	32.8431
LOC730184	0	0.197803	0.508081	0	0.284982	0.278831
CCT2	56.7286	50.7966	49.2433	49.614	46.4584	43.6043
ROBO2	0.407472	0.380039	0.898576	0.573651	1.22445	0.824549
RASSF5	14.38	11.7533	14.1433	13.3786	16.3217	12.4853
TMEM138	24.0812	26.9729	20.2162	24.32	20.7257	18.1652

TTY18	0	0	0	0	0	0
ANKRD30BP2	0	0	0	0	0.00917048	0
ZNF551	2.56003	2.00674	2.95688	2.55252	2.48777	2.31894
TEK	3.33028	3.39323	3.48942	2.0022	2.40558	2.3157
ZNF655	42.3309	47.0639	42.7946	41.4897	52.1673	42.2975
IQCH	0.351207	0.553382	0.368897	0.547182	0.432278	0.320948
SEN3-EIF4A	0.22355	0.0868416	0.318635	0.0998491	0.153085	0.395919
LRRC20	3.62523	3.23004	2.75401	2.36145	3.35957	2.89042
RTKL1-TNFRS	3.00313	3.65531	2.73462	2.76525	3.75545	2.57132
MIR342	0	0	0	0	0	0
MIR767	0	0	0	0	0	0
C2orf66	0.472633	0.905389	0.894464	1.03552	0.903067	0.736312
EFNA2	0	0.0423068	0	0.0449313	0.0609531	0.0298187
HIST1H2BB	0	0	0	0	0	0
APLP2	159.948	115.423	112.768	118.674	101.909	101.157
ALB	0.317817	0.521846	0.343699	0.255793	0.549424	0.19805
CATSPER4	0.0766139	0	0.0579972	0	0	0.0477426
NSMCE1	34.6264	41.9745	35.6092	46.0098	36.0627	39.2877
INO80B-WBP	6.70452	5.833	5.91638	11.3037	10.1883	12.9102
LOC1001302	0.0508127	0	0.0384764	0.0476729	0.0323474	0.0316442
DSC2	25.9991	17.0444	16.5285	17.8938	16.7818	31.3389
DFNB59	4.99198	5.59469	4.68377	4.62137	6.09015	4.03088
ACOT13	10.1202	8.22156	8.58402	6.51256	7.17902	7.37685
FAM205B	0.0155996	0	0	0	0.00993548	0.0291631
AFG3L1P	13.8742	20.1612	13.9885	18.4956	19.6378	17.0276
ATG9B	17.6386	16.2453	37.7569	35.6451	44.5469	71.5388
ZNF292	6.42235	4.54754	8.02049	4.5141	7.33067	6.03229
LOC1002888	0	0.189532	0.162279	0.603868	0.273066	0
TMEM8C	0	0	0	0	0	0
C14orf182	0.186689	0.19807	0.423973	0.105179	0.642077	0.488613
QRSL1	6.71384	4.61917	4.2592	4.41737	4.98374	4.86143
TNPO3	16.7962	14.4601	15.6195	14.8011	16.2047	15.1138
LOC729176	4.46774	4.49651	5.28919	4.5523	4.97929	5.12409
BLVRB	127.6	158.35	98.881	121.301	98.7693	99.8645
LOC1005071	0	0.13888	0.0594549	0.58998	0.300134	0.391541
SDHC	38.4552	30.4624	31.7812	33.6299	31.0975	31.9124
TECR	166.037	175.136	174.6	179.561	154.048	175.038
TCF25	58.8874	72.4434	60.7966	67.4862	65.0744	61.9352
ARNT2	1.75992	2.10897	1.12307	1.17453	1.6582	1.43207
ATP5E	497.472	621.451	437.641	597.092	422.199	448.13
PARP6	26.2255	34.7578	27.4521	30.9613	35.2911	31.2465
DIO1	0	0.299373	0.300382	0	0.39633	0.211005
NPTX2	1.03416	0.653099	1.34205	1.14446	1.24675	1.56508

IQCF6	0	0	0	0	0	0
LOC10050624	0.322377	1.1401	0.244041	0.605414	0.205324	0.904013
COL12A1	30.2645	19.7422	35.6745	17.4558	33.3711	24.4401
BCL11B	9.79154	7.85114	10.761	8.97158	8.74207	9.33261
ZYX	72.646	96.8766	53.8315	76.1167	64.6359	50.8067
FEM1B	9.01351	4.69799	9.14737	6.94824	8.49833	8.11866
SLC25A10	21.4889	33.6026	23.8781	31.1225	21.2157	17.6596
ATP8B5P	3.02946	2.29391	2.18014	2.21091	2.08223	2.31148
OR8H1	0	0	0	0	0	0
NVL	13.008	11.5011	12.4893	11.8569	13.8305	15.8646
AURKAIP1	108.58	149.261	101.066	140.403	96.6839	121.296
LOC10013221	5.24215	5.76521	5.90411	5.40252	7.45118	8.5651
CTDNEP1	43.7501	55.4988	42.2177	53.8741	49.0944	46.845
H2AFB2	0	2.47903	0.173271	0.322386	1.19055	1.00438
PRKCG	0.0316733	0	0	0.0297407	0.0201729	0
MEX3A	0.812004	0.552248	0.673796	0.630494	0.934883	0.895242
MT1X	160.672	273.781	254.317	377.629	164.973	145.635
PPBPL2	0	0	0	0	0	0
MIR3678	0	0	0	0	0	0
FAM116A	9.05456	9.19895	8.89808	7.68308	9.2191	7.00126
ANKRD44	4.04253	3.60536	3.72443	2.45707	5.29958	3.46436
MIR17	0	0	0	0	0	0
LOC10050721	0	0	0	0	0	0
RUNDC3B	0.97562	1.19442	0.908991	0.729053	1.22715	1.48125
ALG1L2	3.24E-11	4.05E-07	5.69E-07	0.262721	1.31E-08	3.94E-08
SRPK1	25.5424	18.1569	22.637	22.3126	24.558	26.7732
BRK1	166.712	183.631	154.974	184.928	146.158	150.24
MIR4703	0	0	0	0	0	0
HEXA	23.75	23.1754	29.6186	24.6791	24.8051	22.1995
LOC10065290	58.4456	82.0495	87.6002	84.4866	106.952	92.4121
RPL23AP53	4.63197	3.95715	3.27941	2.83435	4.09415	4.04578
KIAA1045	0.704487	1.83962	1.12861	1.38454	2.38954	1.71519
CREG2	0	0.0249238	0	0	0.0359087	0.0175668
LDHAL6B	0.126542	0.0559404	0.191587	0.118821	0.161191	0.157712
DOCK1	21.1909	16.5778	24.0842	20.0462	25.3381	20.9262
OR51B2	0	0	0	0	0	0
FOXI2	0.342527	0.412965	0.589307	0.467822	0.515645	0.426897
XPNPEP1	27.265	25.5587	24.5495	25.518	26.4757	25.2799
LOC10050559	0	0	1.25039	0	0.789013	0.257327
EIF2B1	44.4821	47.9036	40.3403	44.4373	42.8158	42.6211
TPX2	4.87163	5.56148	3.91074	4.77545	4.05746	6.00486
LOC10013309	0.0843075	0.0239591	0.159996	0.0989543	0.146187	0.319658
C1orf111	0	0	0.218648	0	0	0

RCBTB1	13.0016	10.7687	10.7387	7.51104	10.0816	9.48751
C19orf24	49.3624	87.2065	36.8544	62.395	47.5907	48.8733
PAGE2B	0	0.585973	0.783929	1.24465	2.11059	0.413005
STX18	12.4883	16.1772	12.305	12.6128	12.3647	10.7763
CTNND2	0.247422	0.343758	0.28095	0.331893	0.787922	1.87222
TTY15	1.26649	1.15221	0	0	0	0
LOC401431	0.553257	0.974708	1.12347	1.00384	0.53923	0.913631
SWAP70	19.617	15.1372	18.167	14.6987	15.382	14.8928
PITPNA	45.433	40.0317	46.5032	45.0529	52.801	42.3642
TOB2	18.8356	19.2225	22.6244	20.1561	20.7237	19.8666
HDGFL1	0	0	0	0	0	0
RAPGEFL1	81.145	95.0486	111.021	128.599	154.024	139.594
LOC1005071	2.05762	1.89003	3.65839	4.93184	3.09683	4.00785
SLC45A2	0.226844	0.710865	0.334969	0.743241	0.256851	2.96576
TSPAN1	1.76146	1.96114	3.55583	5.6358	2.11912	1.13832
ARHGAP25	8.80645	9.32921	6.92472	4.94286	10.0943	6.48989
CCDC11	0.458681	0.658997	0.607642	0.430694	0.511239	0.60739
KRTAP20-2	9.59139	16.9602	0	0	0	95.6312
CNOT6L	8.60464	6.89446	9.22511	7.28176	9.49469	7.45324
ARID3B	2.52099	2.49232	3.0708	2.58237	3.47401	3.28477
SLC35F1	0.55716	0.439827	0.331393	0.523165	0.354858	0.347199
MNT	7.87692	9.89104	8.24235	11.2723	10.1226	9.29521
LOC1005064	0	0	0	0	0	0
LEFTY2	0.355209	0.378177	0.225947	0.78824	0.440506	0.355229
PSTPIP2	10.215	10.0188	8.97606	8.91323	11.4012	5.87435
ASAP2	7.08277	8.31432	10.1136	8.86227	9.11221	7.43127
LOC1002880	0	0	0	0	0	0
POU5F1	1.82101	2.34288	2.25343	3.04177	1.55899	0.897518
TIGD1	3.88375	5.62553	4.25364	5.04342	6.89445	5.17508
CNOT1	25.0729	19.433	24.2132	20.7521	22.7424	20.1894
HLA-F	78.7785	123.044	62.1506	43.2628	90.7468	44.0904
NNT	21.2023	12.9298	16.6696	12.31	12.6327	11.777
SNORD115-1	0	0	0	0	0	0
PDE7A	15.1612	11.366	10.1136	11.0333	14.0007	11.5542
LIPT1	7.4902	8.28391	7.41786	8.39001	9.13674	6.78511
PALM	16.8981	27.1544	35.7908	27.6282	28.5786	27.2436
A4GALT	14.3029	16.4264	15.1062	16.0147	14.8696	12.7722
CDC42BPG	17.751	18.405	27.0624	23.5991	32.8972	31.5056
SOX17	2.37669	3.51493	2.159	2.79974	2.0917	1.69648
RSPH10B2	0.0319142	0.0846497	0.0120796	0.119868	0.101632	0.0596628
NR5A2	0.551268	0.695783	1.10159	0.517632	0.78911	0.478159
ANLN	2.74468	3.12563	2.61389	3.14976	2.99923	4.05901
C10orf2	7.51972	9.212	5.0588	8.39061	6.77043	8.16339

C16orf79	7.12622	12.2228	6.99042	11.9121	8.21504	11.0659
TSPAN33	11.834	9.0954	8.6589	12.159	8.8888	7.97966
EPM2AIP1	10.2696	8.65058	10.5106	7.53208	11.0884	8.79543
COPZ2	18.4969	37.5666	52.2885	51.5595	41.0336	36.3892
PAG1	2.81321	2.83594	3.11812	3.0777	3.58908	3.10747
MBP	27.0446	22.1554	18.1829	16.5138	21.7625	16.403
JUP	300.665	305.686	349.647	405.503	417.25	467.735
RNF24	6.33684	4.43855	5.86262	4.39806	4.83474	4.33037
LOC10050594	0.180068	0	0	0	0.114686	0.112211
ZNF300P1	3.30544	3.8103	3.10404	3.41806	5.75614	4.87575
DLG5	19.4099	22.5331	25.6749	18.2852	31.2292	22.0456
LOC284379	0	0	0	0	0	0.114043
IFT122	7.6478	9.29994	10.3598	10.4354	11.0051	11.0117
DNAJC6	0.266728	0.515865	0.391209	0.923547	0.435319	1.04922
GOLPH3L	12.8908	8.7204	10.2073	8.26489	10.5361	9.45288
IFNE	0.439261	0.258911	0.221682	1.03115	0.186512	0.6387
COL6A5	1.96617	1.85606	1.56603	0.510299	1.05661	0.465921
CELF2	9.32094	6.92525	9.41081	5.52195	8.02086	5.62515
LOC10065294	11.1825	5.55098	7.95934	2.51442	5.21017	1.96983
MIR4313	0	0	0	0	0	0
HPS6	8.52395	8.79793	8.6699	9.34371	8.58588	8.61114
LOC283731	0.0784863	0.104089	0.237658	0.147395	0.149965	0.0489093
MIR3178	0	0	0	0	0	0
CPNE3	28.8777	23.1278	26.2177	20.9658	24.6749	21.4831
SPINK1	1.62988	2.88208	1.54229	3.06087	4.41185	4.82445
CMYA5	2.67139	2.04653	3.84614	3.07568	3.13395	3.68773
TEAD4	4.8375	5.31761	5.92728	6.10211	5.68073	5.29236
RFWD2	14.3498	15.866	16.5764	13.9789	14.859	15.2935
VASP	32.3526	39.3307	30.2438	38.1819	34.5785	29.9088
SNORA56	0	0	0	179.713	0	39.7557
PRAMEF6	0	0	0	0	0	0
GRK4	0.569255	1.19611	1.44923	2.0769	1.64072	1.1674
C1orf189	0	0	0	0	0.340439	0
PCM1	14.7328	12.8544	13.941	11.8619	14.4684	13.221
PLBD1	23.3187	17.4816	19.7267	17.5571	16.9393	14.3973
CCBP2	1.91585	1.09953	0.534324	0.347166	0.685033	0.670246
SLC30A10	1.15372	0.710942	0.741043	1.08332	0.534408	0.762522
CCDC66	8.53659	6.98887	6.27068	4.24224	8.0407	7.40454
MEGF8	6.83201	6.50333	7.06259	6.47156	7.42899	7.24724
ZNF417	3.639	2.92651	4.76241	3.10809	4.13778	2.98511
HCG27	1.4711	2.60131	1.80965	1.66912	3.47453	2.48281
GPR152	0	0	0	0.0713469	0.048394	0.0473494
TTK	1.35427	1.60576	1.24997	1.86029	1.451	1.74697

METTL7A	72.7662	59.171	64.9838	59.7855	44.4943	49.8539
NOTCH2	27.2126	18.0121	31.0339	22.8543	27.069	25.9016
TMEM38A	2.52647	1.31734	1.37312	1.03409	1.23779	0.847749
SERPINA13	0	0	0	0	0	0
GPT2	75.6323	82.8508	72.014	57.8637	59.4882	55.8744
ACP5	39.9526	45.3087	34.7857	46.4359	41.9085	51.4786
LOC286094	0	0	0	0	0	0
R3HCC1	20.5147	27.1467	18.9522	21.8607	21.1029	20.353
MYO1C	71.2571	76.3696	81.8275	71.1712	64.8472	57.3938
MED31	7.4386	8.70535	8.17358	8.43003	7.57686	6.42648
MIR4749	0	0	0	0	0	0
ALS2CR8	5.19675	3.25264	5.27194	3.40261	6.08267	4.3815
GSTT2	30.8118	20.1157	20.6732	20.5495	36.021	33.7812
ZBED4	3.91443	3.90114	4.08362	4.41589	3.99075	4.22353
LOC1005065	0	0	0	0	0	0
EWSR1	72.3281	86.9158	71.1599	78.5223	89.4295	74.5853
GPX5	0	0	0	0	0	0
APH1B	5.14558	3.87266	5.25004	3.73093	5.35689	3.64244
ARL10	1.01106	0.931163	2.13668	1.1076	1.90502	1.47012
KRT2	642.585	347.238	1499.63	1092.71	649.02	600.221
PITPNC1	4.9218	3.51188	3.32079	2.79072	2.70011	2.09597
MIR663	0	0	0	0	0	0
EIF5A2	1.68175	1.41025	1.10247	0.895387	1.23675	0.961563
MIR770	0	0	0	0	0	0
CROCCP2	37.7932	55.7783	30.9525	38.505	35.1015	29.9303
LOC1005064	0	0.11431	0	0	0	0
PDE2A	6.78389	9.80164	8.77273	6.87892	9.31487	7.30531
TULP1	0.441886	0.217049	0.408846	0.322719	0.156355	0.489537
MAGEA9	0	0	0	0	0	0
ZNF358	23.6209	48.3854	35.5212	46.652	37.4586	30.7622
CBLL1	9.28778	6.07907	7.00232	5.72814	7.6872	7.16646
KIF4B	0.175291	0.213583	0.16587	0.370642	0.293065	0.218468
LOC338817	8.19139	0.542583	0.78774	0.776675	0.798716	0.665085
LOC728065	0	0	0	0	0	0
SLC25A30	8.22283	5.94827	6.54809	5.56521	7.56668	5.68977
ABCF2	14.9839	15.6549	14.7472	15.8725	13.7741	13.4471
LOC1005074	7.86761	9.56155	7.59172	7.19285	11.7693	12.74
LOC400692	0.306788	0.189461	0.183712	0.115604	0.216529	0.180318
ZFP36	48.6273	55.2279	85.5057	44.7283	80.3967	56.7809
MIR4475	0	0	0	0	0	0
SLC16A4	1.1654	1.14961	0.982283	1.08598	0.844111	0.786014
KPNB1	45.185	36.0817	40.7239	35.5595	37.477	33.8264
RSPH1	1.28113	1.91143	1.63658	3.23296	2.39688	2.64453

KLK11	67.2707	85.8337	118.06	112.879	145.429	136.898
VCL	47.1826	36.1619	37.2873	31.3757	30.8672	27.3571
MIR1343	0	0	0	0	0	0
MIR4494	0	0	0	0	0	0
PODN	36.1075	38.8828	40.5367	14.9116	35.1907	24.1074
HIST2H2BA	0.959743	0.814602	1.32261	0.144189	1.18341	1.47031
SCG5	0.910197	0.649082	0.42531	0.527551	1.54822	1.17938
MED6	18.7913	17.3364	16.9464	17.3379	16.1832	17.0558
PSMD13	78.5909	79.341	69.5818	77.8717	65.4969	69.9139
NT5DC4	0	0.0730588	0	0	0.0526294	0
MIR3909	0	0	0	0	0	0
ENPP4	6.86079	3.56279	4.44277	2.65837	2.73763	2.02178
LOC10050734	0	0	0	0	0	0
OR11H12	0	0	0	0	0	0
GSDMB	14.707	22.8976	16.2481	22.8581	23.6484	23.4624
MTOR	19.3873	15.5017	13.6667	12.4111	12.5067	12.3381
ENDOG	10.2254	13.4608	16.5945	19.4059	10.4998	12.2353
LOC10012826	0	0	0	0	0	0
LRSAM1	14.4824	18.5322	17.1636	20.6697	24.6443	24.3082
EEF1E1-MUTL1	0.729321	2.15E-31	3.37E-35	1.75E-38	0.00038499	0.000139064
DCDC2C	0	0	0	0	0.0425439	0
TRIM49L2	0	0	0	0	0	0
ANKRD12	8.62665	7.59015	9.02197	6.89026	8.39343	6.78012
APC2	0.0373491	0.172871	0.127013	0.218006	0.213474	0.174111
EIF4G2	212.645	183.938	216.311	185.052	187.385	193.74
LOC678655	7.47849	10.8917	7.40658	7.55861	16.7361	12.0676
ABCD2	2.55607	0.954895	1.93496	0.456359	0.710807	0.3926
GSTCD	3.17951	2.09765	2.27681	1.53035	3.48067	2.71562
ZNF429	4.55706	3.83901	4.32842	4.84416	2.51908	2.49149
GJA10	0	0	0	0	0	0
MAN2B1	29.324	39.6351	30.6244	37.5256	39.0978	33.3814
CAMTA1	30.4636	44.113	27.7951	34.4243	29.6411	25.7887
TCAP	1.72607	2.28912	1.58664	2.77843	2.74836	2.45854
RASA4	22.388	30.2391	29.5255	26.0343	24.0832	18.2406
BRP44	58.128	52.1664	38.0629	40.0045	30.7986	33.8329
LOC220594	3.33873	4.27576	8.36345	6.82731	5.19796	3.99298
LOC158376	0.970287	1.22552	0.839443	0.52062	0.529698	0.604642
MYO1H	0.273861	0.282486	0.0691048	0.085717	0.2471	0.270209
LGALS14	0	0	0	0	0	0
NSMCE4A	30.6701	37.6936	30.8067	32.2517	37.3975	34.5615
C22orf42	0	0	0	0	0	0
C7orf54	0	0	0.0890083	0.0368017	0.074887	0.048847
MBOAT1	9.31697	9.18117	10.0203	10.9002	12.9467	9.01268

KIRREL	2.11732	1.272	3.1851	1.55482	3.00827	2.01297
OTOA	0.15136	0.147478	0.087689	0.250603	0.189712	0.123195
XKR6	0.36428	0.345078	0.334854	0.586376	0.36459	0.405364
LOC10050731	5.8912	9.97008	6.11169	11.2288	13.3562	8.53263
B4GALT7	12.6738	16.7542	13.0074	15.505	13.6215	12.3782
VPS37D	1.26094	2.05366	1.8086	2.92886	2.11343	1.77831
VKORC1L1	25.0643	17.2552	28.4982	16.8374	16.5315	17.5328
ZNF408	5.86158	7.801	6.00407	9.32484	7.35329	7.99745
B9D2	3.064	6.21283	3.09589	3.50492	4.22452	3.67272
DUSP18	2.01999	2.442	3.5888	2.12899	3.59706	3.13408
LOC494558	0	0	0	0	0	0
ATP8B4	1.13185	1.83712	0.869605	0.840714	1.24809	0.663212
TPRXL	3.37859	3.34559	2.48941	6.34488	3.2708	2.8914
WDR72	1.70394	1.47202	1.05358	2.68698	1.22608	1.11856
TMEM214	34.6378	33.625	32.6599	32.7629	32.4728	31.2639
LOC732275	0	0	0	0.0721029	0.0244534	0.334958
SNORD113-4	0	0	0	0	0	0
C12orf62	107.21	139.051	102.488	111.431	90.334	75.4389
OR5D18	0	0	0	0	0	0
KIAA0226	6.79032	7.88769	6.21756	5.33939	6.60115	6.50557
DMKN	1605.89	1782.1	2477.91	2436.7	2920.07	2669.2
TMEM8A	11.2082	12.6359	7.10438	10.4488	9.18791	8.88932
ACY1	36.3635	40.9945	30.8329	30.7528	19.413	26.4277
ADAMTS16	0.038777	0.102853	0.0587089	0	0.0987892	0.0483284
DTHD1	0.235972	0.14836	0.127027	0.0218834	0.059374	0.0145229
C1QTNF9B	0.838053	1.54211	2.78296	2.95286	4.38688	4.05905
BARHL2	0	0	0	0	0	0
CYP21A2	0.328656	0.201013	0.205924	0.391614	0.431872	0.0761339
LOC10050749	0	0	0	0	0	0
MIR3714	0	0	0	0	0	0
IGF2-AS	0	0.133371	0.0761703	0.0945323	0.192221	0.188067
RHBDL2	10.7495	9.75547	13.3902	8.75848	10.3964	11.7669
NXF2B	0	0	0.0124371	0	0	0.00767858
PLEKHG3	14.8159	21.3448	17.3076	23.0002	22.6781	23.3839
AEN	6.17002	6.35496	4.76705	5.31574	4.23357	4.39983
REEP1	2.46387	2.60975	2.5159	2.44092	2.55006	2.31213
KLHL18	7.35794	6.93803	8.29489	8.27104	9.28583	8.80419
CCDC149	6.15747	6.07589	5.05307	5.18079	5.03576	3.96009
LINC00488	0	0	0	0	0.0508975	0
SGK110	0.175025	0.154746	0	0.0821728	0	0
IDS	31.8764	28.181	36.8927	31.8737	38.878	35.7238
FBLN7	1.81623	3.52142	4.8792	2.71331	4.55677	3.51352
ALPPL2	0.0202413	0	0	0	0	0



TPRX1	0	0	0	0	0	0
PIKFYVE	7.63576	5.5363	7.45252	4.6158	7.73315	5.35822
HIST3H2A	12.1304	17.9715	10.1755	13.2373	15.6607	15.3226
MIR4433	0	0	0	0	0	0
MAP6D1	4.84551	4.24168	3.12331	4.09938	4.06392	3.9164
NELL2	4.49661	2.06842	3.86765	3.6133	3.96177	7.63882
C4orf44	0.0634016	0.39239	0.575944	0.476265	0.605713	0.316074
ARNTL	8.96772	5.13184	8.76407	7.23668	9.75234	9.07095
EVX2	0	0	0	0	0	0
ATG2B	8.35087	6.60376	10.1596	8.10404	10.416	8.63796
LOC10013233	0.0583871	0.0516222	0.0441994	0.109649	0.148748	0
OR9Q1	0	0	0	0	0	0
TTY4	0	0	0	0	0	0
PHKA2	13.0957	14.808	15.4378	16.1588	15.8646	20.453
LOC10050576	0.354419	0.0783387	0.134149	0	0.0564329	0.110429
PLBD2	9.23697	7.66745	10.7554	8.37544	9.54307	7.6015
CCNA2	4.7476	5.4487	4.35077	4.21595	4.83963	5.03895
WASF2	48.377	45.4819	57.1313	56.0453	59.0319	51.9174
UBQLN4	21.8052	21.3108	17.1008	20.8169	21.7065	20.0852
NBPF9	1.81845	5.45679	4.4491	3.48222	2.639	4.94711
LOC643387	3.43396	3.36963	3.45641	3.36607	3.96556	3.48021
LOC10050618	0	0	0	0	0.0441084	0
FTMT	0	0.491144	0.10513	0	0.176903	0.259626
IFI27L1	13.2014	21.0106	16.7976	22.5435	14.9501	14.0764
NUP188	13.8053	15.6335	14.3681	14.6882	15.6636	15.1784
UPK2	0.25652	1.47419	0.194187	0.963473	0.653517	0.319705
BTN3A1	29.0456	29.5683	16.0076	8.88002	31.9458	17.0804
AFM	0	0	0.0391905	0.0972231	0	0.0645222
LBR	14.1562	14.0189	12.2422	11.7748	12.6579	12.0476
CFHR4	0	0.0665763	0	0	0	0
CDH18	0.132847	0.176598	0.0251412	0.124741	0.0211525	0.0827847
STAT2	50.6142	60.3006	36.7837	29.1181	50.1901	31.8919
CHRAC1	11.7497	13.3743	11.3092	12.4734	11.7987	9.4354
MNX1	0	0	0.265082	0.0616509	0	0.218212
DSG2	19.0517	8.37004	12.4712	14.2717	11.1734	11.6825
LOC10050576	4.99604	9.32516	6.51349	8.86116	8.13179	4.49702
IQCE	5.11803	5.98801	5.12658	5.13459	5.64355	5.35599
CENPO	3.43623	8.73751	5.35962	5.78149	6.00584	4.35448
C11orf40	0	0	0	0	0	0
MFSD3	25.4027	37.2116	28.4762	41.3025	32.7878	34.7884
SPICE1	3.01515	1.94869	3.35032	3.34444	2.66156	2.86782
MIR3610	0	0	0	0	0	0
CLINT1	47.7032	35.2768	42.1143	31.7198	36.9366	36.4848

LOC200261	0.0543948	0	0.0823543	0	0.0692887	0.0677931
LOC10050620	4.4407	4.04638	6.00292	5.23346	6.20496	4.80034
STX1A	1.28889	2.94734	1.61094	3.02152	3.81395	2.07735
LOC10050746	0.290672	0.256994	0	0	0.370261	0.181134
ULK4	4.34179	4.84271	3.9104	3.80508	3.06311	3.49649
LOC441025	0	0	0	0	0	0
GOLT1A	0.966319	0.732307	0.522506	1.03698	0.703376	1.11831
ALKBH5	9.84368	10.6968	12.5944	11.7956	11.3891	9.88721
SLC5A10	1.84154	2.46773	2.9002	4.46414	3.50274	5.28611
KMO	1.00381	0.175626	0.117264	0.119795	0.369668	0.0773154
LOC10065277	0	0	0	0	0	0
LOC10050714	0	0	0.0505074	0	0.0424943	0.0194026
SRSF12	0.381716	0.674979	0.536642	0.409629	0.729352	0.696617
GPBAR1	2.1373	1.85005	2.9122	2.00268	1.93877	1.17658
CLDND2	0.486019	1.28912	1.19574	0.912729	1.47035	0.68145
CNPY1	0	0	0	0	0.0582064	0
SSX6	0	0	0	0	0	0
LINC00277	0.119715	0.317533	0.18125	0.149881	0.127079	0.223804
FLJ22184	0.407511	0.511998	0.324724	0.886128	0.614714	0.521252
NUB1	30.9142	29.0248	27.9184	24.175	28.5283	21.8688
LOC283332	0	0	0	0	0	0
C14orf55	0.490069	0.375517	0.321521	0.398812	0.603447	0.508984
TMCC3	9.18139	6.60097	5.87442	4.80148	4.60947	5.30405
NELL1	1.65747	0.699949	0.773099	0.481112	0.465571	0.663625
TRIML2	0	0	0.0643554	0.079826	0	0
LOC10065292	0	0.137383	0.0882214	0	0.074225	0.0968304
LOC10050649	0.218726	0.193384	0.165577	0.246456	0.250754	0.381642
ZNF704	4.25208	3.3449	4.88989	4.21275	4.5786	3.46532
LOC10012906	2.94764	4.5655	4.03324	4.44526	4.74206	4.07253
SLC2A1	62.597	67.386	63.6197	77.5594	74.5207	66.8982
ACTR5	5.70512	7.71028	5.95378	8.72429	6.61841	6.12003
TLE4	8.69353	8.15429	8.92372	8.22044	10.7108	10.0229
LOC286437	3.362	1.81437	2.97474	2.04991	3.89323	3.10177
HLA-DOA	7.56185	5.76268	7.77488	4.66298	7.88919	3.28801
RPLP2	2238.37	3649.05	2705.41	3865.35	2846.97	2627.06
SNORD12C	0	0	0	0	0	0
CHIC2	13.4855	10.4435	15.7227	14.234	18.1811	17.2366
DCLRE1C	3.92693	5.50746	3.84708	4.19131	5.10759	4.22419
CCL22	6.48538	7.27308	6.87325	4.32687	9.34814	4.4881
RBMX2	16.6507	18.0136	14.2002	20.0547	14.4084	14.5789
CYP11B1	0	0	0	0	0	0
SEPP1	308.955	235.787	317.428	235.315	244.337	225.32
SLX4	1.77297	2.18996	2.29942	1.76272	2.38298	2.39653

SLC11A1	0.405904	0.583172	0.499317	0.381138	0.581676	0.316178
LOC10050740	0.316615	0.331208	0.330195	0.422335	0.356946	0.698815
PGA3	0.175737	0.2158	1.38081	0.271629	0.0414548	0
MIR2909	0	0	0	0	0	0
SUMO1	55.3849	60.5246	49.8594	53.4655	50.5245	50.817
CHFR	11.8154	16.8736	14.9615	16.9192	16.4025	15.2666
ACTA1	2.38192	5.74348	4.15265	3.99874	4.91894	8.4111
NBPF15	21.8893	23.206	20.8225	21.9758	21.1374	19.4725
LOC10050670	0.0814298	0.0719951	0.154107	0.267615	0.0518631	0.355205
ACTN3	0.139686	0.154377	0.158615	0.262326	0.200175	0.108808
LOC399715	0.100797	0.386181	0.254348	0.252393	0.556387	0.355939
DPF1	0.276151	0.371212	0.2839	0.666784	0.26741	0.488391
LOC10050656	0	0	0	0	0	0
LOC10050617	0	0	0	0	0	0
BTAF1	27.7156	26.0822	38.7754	25.796	40.3246	29.4958
HEBP2	110.219	118.009	109.089	112.342	92.1493	106.716
PENK	0.0933549	0.388003	0.577144	0.631147	0.485579	0.261788
COMMD2	11.2327	9.18347	11.1842	8.71084	11.2278	9.27259
HIST1H2BI	0	0	0	0	0	0
RHOXF1	1.19517	3.17009	4.00676	3.04611	2.39238	2.12795
LOC10050589	4.41929	1.94757	2.36971	2.75152	1.93001	2.19227
ASF1A	13.2317	10.0274	11.6301	8.04375	11.1426	10.5011
TM4SF1	86.3748	72.6648	65.4493	118.018	68.9449	91.5001
COL23A1	5.31295	9.88167	6.64599	7.544	7.88188	5.43052
CHD1	8.01209	6.70476	7.48638	6.48219	8.48294	6.43905
TCP10L	0.631929	0.755904	0.140698	0.453754	0.520855	0.393791
MATN4	1.39674	0.989263	5.21175	0.441968	0.883554	1.08928
SLC35F5	13.3155	8.48877	16.234	10.3315	16.0911	16.3115
CCDC25	14.9781	14.0763	12.5077	12.0153	12.5423	11.1468
NFYC	31.0848	31.4911	29.9308	36.87	32.0645	33.6949
WBSCR22	41.5802	46.3081	44.7715	45.3961	39.4996	39.3166
OR52N2	0	0.217141	0.185918	0.230611	0.078211	0
PADI1	8.53573	6.10927	6.84621	10.0186	6.37489	15.6565
FAS-AS1	0.206677	0.0609102	0.104304	0.129378	0.351023	0.257585
ZNF596	3.61017	2.93006	3.97648	2.71442	4.93087	3.76921
LOC10065275	2.19268	2.47342	1.48816	1.98789	2.79306	2.07313
FAM69C	0.90892	1.38399	0.688058	1.84917	1.64021	1.9824
SOX15	13.4734	24.2221	18.1414	26.326	20.1993	18.881
MYO18B	0.28732	0.185637	0.317888	0.228283	0.436374	0.420068
SPINK5	193.632	125.774	179.354	142.733	189.626	214.496
ATXN10	26.0653	21.5002	21.7496	21.7771	22.6379	23.146
XAGE1A	0.068236	0.0603299	0	0	0	0.0425217
LOC10050669	7.31108	16.7661	11.9368	18.0635	14.6714	14.3004

FAIM2	1.34462	0.864603	0.663168	0.650419	0.544979	0.83791
MSLN	0.63799	0.907132	0.957446	1.85005	0.406339	0.367473
MIR4476	0	0	0	0	0	0
DPPA3	0	0	0	0	0	0
LOC441528	1.04778	1.20422	2.04215	1.82017	2.40203	2.4481
DNM1L	18.9503	17.4534	16.3885	15.0407	18.1274	15.7213
LOC10012836	3.46042	5.14591	4.82134	5.16014	4.50834	4.58889
LUZP1	8.84957	7.02888	8.74212	7.51771	8.05702	7.70092
GNAQ	5.86203	3.98996	4.86022	2.49007	4.53361	4.00087
YBEY	10.1109	12.8621	10.1071	10.792	10.4809	8.96277
MIS18A	9.04784	9.68364	7.67324	8.30415	7.88569	9.66554
OR6T1	0	0	0	0	0	0
LOC10028878	9.44E-07	1.30E-07	6.35E-08	8.35E-08	1.04E-07	4.06E-07
ECSCR	35.4798	20.7705	46.6307	41.361	19.2144	43.801
MIR3921	0	0	0	0	0	0
CPNE8	4.17839	4.4482	6.92862	4.5907	5.46731	4.32195
ARHGEF10	8.56459	11.1384	11.6719	11.9905	10.6254	8.9308
ESCO1	6.67679	5.38905	6.00002	4.9953	5.69284	5.64154
SNORA13	0	261.465	0	0	31.3919	30.7143
SIRT7	20.3243	29.1601	19.1169	28.6263	26.5095	27.1886
LOC10065280	215.861	182.758	173.637	177.412	187.986	180.155
LOC10050743	0.201717	0.178345	0	0.568227	0.128475	0
LOC10050711	0	0	0.266806	0	0.149651	0.366052
ZNF677	0.675528	0.398173	0.596608	0.475732	0.806714	0.666521
C17orf28	9.23537	6.52183	8.8228	10.1126	8.88886	7.09734
SLMO1	2.26819	3.03385	2.04141	3.27955	3.70673	3.32235
FEM1C	6.51075	4.882	6.5882	4.99913	5.31202	5.91635
KRTAP7-1	3.45709	0.679232	0.436173	4.68889	0.489298	1786.64
FLJ46446	0.244421	0.300141	0.246704	0	0.282518	0.211546
RRP1B	11.0792	10.8505	10.7526	9.85195	10.3494	7.87187
ASPEN	6.7471	8.54196	6.10488	4.4139	6.5602	4.55281
LOC91948	0.302329	0	0	0.0766479	0	0.0508674
LOC644075	0.136182	0.240806	0.592769	0.255745	0.281888	0.297019
OR6C6	0	0	0	0	0	0
NHEJ1	7.91605	7.99254	7.47212	8.44247	7.59378	7.33852
RNASE8	0	0	0	0	0	0.229588
CXorf68	0	0	0	0	0	0.0717488
MIR1307	0	29.7676	29.1224	0	59.0318	102.226
SREBF2	50.7014	38.1269	47.7888	40.7886	50.2624	52.7895
NUDT19	11.03	9.72241	10.1263	9.41261	10.4629	10.6131
ABCA2	11.402	13.8115	15.0643	12.7704	17.2386	13.6312
ANKRD22	27.207	28.5121	24.9152	25.3013	17.422	22.0192
SLFN11	6.93597	6.88189	7.62364	3.7812	7.3134	5.36996

BTBD9-AS1	0	0	0	0.198068	0	0
C1QB	28.9252	19.6722	13.7275	4.80529	13.8878	5.26884
NCOR2	18.7619	22.4757	23.7591	25.6016	25.208	25.0558
NAT8B	0	0	0	0.140329	0	0
TMEM18	14.2082	18.1166	17.5968	19.4219	16.8365	15.8407
DDX23	30.3216	29.0804	28.858	27.7903	32.3857	28.8043
USP10	20.5002	17.8414	17.2406	19.441	18.7771	17.6994
ELP3	9.42604	9.20259	9.85498	9.1392	9.99931	8.76303
SFT2D1	60.6197	50.8564	51.7539	43.8273	44.5299	44.0514
LOC644662	3.33031	1.23977	1.45956	0.658339	0.223273	0.873814
CCDC122	2.53961	1.69755	1.8304	1.70039	1.65928	2.24414
FAM193B	33.4536	57.4321	43.8488	54.885	64.4817	52.8567
CABP4	0.897215	0.83614	0.49563	0.45539	0.772218	0.347553
4-Mar	0.0217872	0	0.0494791	0.0204578	0.0277528	0.095038
MIR3120	0	0	0	0	0	0
GPI	89.5899	87.9436	78.016	82.4142	75.1942	70.8472
ACTR10	28.9994	27.0313	30.2948	25.5573	25.5588	23.0279
TOP3B	7.94393	9.73135	8.16301	8.14823	13.1127	11.1001
EGF	2.55143	0.576266	0.719289	1.15722	0.583172	1.10797
NTN4	19.7016	11.8285	11.7095	12.6133	9.9209	10.789
NDUFA4	38.1937	39.1679	31.2244	35.6753	26.5256	26.6393
MIR566	0	0	0	0	0	0
ANKRD13B	4.52277	7.50797	5.83943	7.06667	6.59552	7.35321
DEFB132	1.88772	0.984285	1.942	0.272699	0.554908	0.211139
PGM1	79.8805	65.0443	73.9493	58.003	43.2779	43.1767
C11orf67	28.0534	37.8631	48.8285	42.008	42.5031	38.4072
MGAT4B	44.7682	60.8788	48.0988	66.824	57.2972	61.4949
CABS1	0	0	0	0	0	0
tAKR	0	0.0689975	0	0	0.0497037	0
AK8	0.780592	0.862687	1.14489	0.916204	0.963254	1.85452
LOC1005068:	0	0	0	0	0	0
ELAC2	20.5902	22.5003	18.662	21.6342	22.2028	21.974
FSD2	0	0.035808	0.0613182	0.0380293	0.025795	0.0252382
GLTPD2	1.1083	1.06634	1.21637	0.439622	1.49766	0.251633
MIR500B	0	0	0	0	0	0
MMAB	16.81	18.461	14.2127	18.5333	14.3133	14.5833
LOC1001280:	0.0513383	0.0453901	0.0777268	0	0.0326977	0.0319919
DPY19L2P3	0.502806	0.6751	0.597928	0.347466	0.830836	0.513357
FHDC1	7.6292	6.90152	7.69303	8.87856	9.69002	15.7678
MAN2B2	11.8915	11.4051	16.3735	13.4465	14.3887	13.5784
MIR26B	0	0	0	0	0	0
ATP6AP1L	6.28248	10.2084	5.52709	3.34816	6.70495	6.3486
TMEM200A	0.921165	0.407218	1.00241	0.66674	0.660032	0.621867

MIR4756	0	0	0	0	0	0
HSPE1-PHOCL	6.58E-09	0.799475	9.28E-09	0.00617591	5.76E-05	2.36E-05
C1QTNF2	2.10062	1.89438	1.43116	2.24859	1.17735	1.54464
FOLR1	3.03762	2.1287	1.44182	4.39234	1.25864	0.874693
HOXA11-AS1	0	0.122277	0.157042	0.194793	0.132127	0.0861832
INTS5	8.8358	9.48607	8.66807	9.22793	9.8961	9.51393
IPP	4.96997	2.32126	3.9299	3.07056	3.71692	3.32548
SEPT5-GP1BE	14.2449	12.9884	15.6852	17.6353	23.9316	18.9423
SSRP1	52.4025	51.8757	48.4128	49.2717	49.7811	48.1546
SIGLEC16	0.2647	0.351047	0.752318	0.375931	0.547915	0.288663
ZFYVE20	7.60965	7.27075	8.28957	8.35187	8.87487	8.39861
SMAD2	10.3595	9.05538	10.6282	9.5694	8.29677	8.22684
PLEKHG2	3.7823	5.31961	4.26176	4.16102	5.27111	4.72172
ORAI2	1.40817	1.50887	1.47916	1.1976	1.49307	1.24261
SYMPK	23.0148	30.1425	23.6458	26.1682	29.8342	28.5969
ADAM15	117.45	143.972	111.18	142.392	136.926	136.941
TMEM155	0.219558	0.24265	0.0997242	0.164929	0.195773	0.0273639
CHM	5.02088	3.88153	6.00313	3.19989	4.9634	4.0394
T	0	0	0	0	0	0.0249643
CYP24A1	0.77617	0.829176	0.223826	0.488025	0.742099	0.886128
RNU6-2	0	0	0	0	0	0
FXD7	0.185125	0.491028	1.12113	0.869149	2.82978	1.26898
TMEM102	5.24769	7.60908	4.25061	7.63763	5.18054	6.57298
UNC5CL	1.45697	2.49231	1.48656	2.31977	2.94524	2.46718
LOC644100	0.215874	0.190862	0	0	0	0
CASP3	11.2371	11.8197	11.8578	9.87445	12.5845	10.9478
C19orf6	83.4905	160.588	114.723	149.384	156.917	126.718
SCD5	4.984	4.86588	6.69915	6.56972	6.52449	6.9409
DNAJB14	5.78678	4.70056	6.89944	3.36215	5.7818	4.5977
SCRN3	9.33613	6.81232	8.82178	5.99147	8.53391	8.55952
MIR506	0	0	0	0	0	0
MAN2A2	20.8656	20.6311	21.0336	19.3205	20.9874	15.6239
LOC10012943	1.34858	1.07306	1.00421	1.09224	0.678085	0.650308
SUSD3	3.68939	2.92737	2.36321	1.5989	4.94059	3.06543
TMIGD1	0	0	0	0	0	0
CEACAM22P	0.065879	0.0582461	0.0498708	0	0.0419587	0
SOCS4	6.11539	4.28157	5.53372	3.59878	5.34014	4.26768
HEATR1	7.08889	5.01474	7.07349	5.28254	6.61065	5.81364
HBXIP	77.254	84.2234	71.1601	76.6309	64.7415	62.801
MIR646	0	0	0	0	0	0
MIR4660	0	0	0	0	0	0
XAF1	45.0214	49.6805	25.745	14.6461	24.441	13.8336
CLEC2B	20.3437	24.6086	23.5347	19.245	29.2339	22.8319

TFAM	14.7413	12.4646	12.9448	10.5198	12.9737	10.5557
LYRM1	25.7215	27.0283	28.4645	27.8747	23.3616	23.7466
ENTPD4	7.34627	7.08047	8.51672	6.75636	9.21931	6.85082
THRSP	927.769	853.881	553.643	531.007	341.621	464.261
TSR1	15.0569	14.3866	15.7293	14.0139	14.7107	13.1218
OXGR1	7.35391	2.36431	4.75721	3.34798	1.78834	4.77706
ST14	37.4144	41.3295	40.1185	53.947	45.6398	50.6248
SLC30A3	0.343872	0.0434329	0.0743752	0.322891	0.312877	0.367349
RAB5B	90.3784	73.6319	91.0186	84.0484	94.2209	93.5867
CCDC166	1.0017	1.54987	0.315955	1.25411	0.159497	0.208073
LOC113230	4.42068	6.16339	5.72763	10.0581	8.66325	7.20481
TRIM38	9.70575	8.31471	8.94455	6.22665	10.8275	9.18502
TREML3	0	0.0884446	0	0	0	0
ZNF193	7.21314	8.45912	6.4246	7.58369	8.42885	7.27572
FLJ31104	0.0444832	0.0786585	0.101022	0.041769	0.226653	0.0831602
MYBPC1	9.54315	1.00875	0.623757	1.06331	2.03151	2.26024
MAPKBP1	10.9276	15.0445	13.2296	15.4715	17.0157	13.9634
FAM45B	8.20806	8.78676	10.2341	10.2385	8.48229	8.19893
LCN2	86.8912	30.4877	41.8582	132.084	174.055	192.733
FAM104B	18.6064	15.5631	14.9043	14.7712	15.1694	14.1886
ST6GALNAC3	0.789333	0.297762	0.900865	0.485734	0.347487	0.548456
SCARNA5	0	0	0	0	0	0.812091
SNORA70C	0	0	0	0	0	0
NEU3	2.07617	0.869502	2.261	1.26546	2.22707	1.79313
APOA4	0	0	0	0	0	0
MIR711	0	0	0	0	0	0
DHPS	35.7201	36.7744	42.6795	48.2101	45.8483	39.4165
SNORD116-7	0	0	0	0	0	0
ADAMTSL2	1.02869	1.15692	0	0	0	0
TTI2	5.22503	4.63774	5.25281	4.63214	4.84708	5.64128
LOC646670	0	0	0.0662474	0	0	0
C7orf28B	27.1465	26.3661	22.5318	20.7341	26.1339	23.9385
PTPDC1	2.75701	2.63273	2.98524	2.69252	3.45572	2.58404
SCARF2	3.32057	6.1699	5.35734	6.22801	5.76111	4.33113
C2CD4B	0.203337	0.89889	0.667019	0.763722	1.42457	1.56277
ZNF800	6.74684	5.13042	7.37348	5.14598	6.58498	5.32359
GPR133	2.26617	1.70385	2.97174	2.89863	2.13659	1.62345
GTF3A	76.8261	90.0389	70.9697	79.9425	62.2441	64.7808
LOC10050684	9.92883	14.2274	10.0076	11.1767	12.9879	9.39522
IKBKG	19.0209	25.0896	17.9201	22.8999	22.3184	18.5621
MTRNR2L3	0	0	0.059784	0	0	0
KCTD17	11.1875	12.4884	9.55717	10.4462	18.8285	14.2936
LOC554223	0.821037	1.12627	0.293389	0.233984	0.330555	0.340989

CFD	315.694	518.567	723.531	509.874	512	444.331
ZNF541	0.584908	0.7203	0.553473	0.745369	0.266094	0.36449
NEBL	21.5214	15.5817	24.3498	19.9161	22.4957	21.3724
HYLS1	3.88019	3.42127	3.05739	3.7381	3.05414	3.02181
OFD1	12.0838	12.2744	12.3593	13.2376	14.2523	14.9933
MIR632	0	0	0	0	0	0
FEZF1	0	0	0	0	0	1.91E-07
TET3	7.22398	5.13687	9.37381	8.22353	9.52946	8.73101
UOX	0.138094	0.183141	0.0522689	0	0.219882	0.0430271
ZNF784	6.06053	7.64823	6.58769	8.56044	8.47878	6.84319
WIBG	35.8924	45.4923	29.403	34.6041	30.3907	35.6303
LOC10050701	1.53559	1.08614	2.09241	2.30703	3.71649	1.72244
EIF6	125.379	149.583	111.657	137.684	124.057	134.544
HIST1H2BE	0.837117	0	0	0	0	0
PLP1	14.6867	13.148	12.4569	12.294	15.1039	11.7121
TMEM168	18.0534	18.7348	24.1735	20.9869	24.4752	21.346
FKBP7	3.70594	2.0633	4.00096	2.64301	2.68893	2.63087
C6orf225	2.70473	2.45778	2.24656	1.41095	2.63184	2.17707
ARHGAP33	7.29905	12.7576	8.25397	12.2122	15.9178	12.7972
ETS1	21.294	17.8461	16.354	11.3494	13.8936	9.48598
POU2AF1	0.294772	0.318534	0.272732	0.215278	0.312903	0.224509
SSTR1	0.814932	0.440313	0.274181	0.637674	0.519035	0.846385
LOC10050639	0	0	0.140423	0	0	0
TMOD2	3.50876	2.72453	3.31814	2.71758	3.54771	3.04463
MORN3	1.56493	0.691808	1.62891	1.19393	2.61638	1.27995
RAD9B	0.441931	0.439569	0.418181	0.414967	0.457386	0.344241
FBXL20	3.82242	3.39732	4.78579	3.81442	5.37453	4.74226
ERN1	1.48505	0.860973	2.37738	1.60017	2.40335	2.24528
POSTN	34.7779	42.9273	66.5205	73.98	84.3367	76.7287
LOC553103	1.30338	1.54606	1.40176	2.21869	1.4209	1.19544
MANSC1	27.8725	19.2757	21.7034	23.1344	20.9131	24.6313
LOC401176	0	0	0	0	0	0
MIR637	0	0	0	0	0	0
LOC10019093	2.81029	3.52837	3.61833	1.54408	2.56184	1.56374
RPS13	573.88	769.775	876.858	1154.61	732.76	670.008
GJB1	3.52374	1.00285	0.559014	1.56766	1.06007	2.07819
MIR223	0	0	0	418.462	0	0
TEAD3	24.0297	28.1805	26.896	34.2666	35.8167	31.3777
OR6K3	0	0	0	0	0	0
MIR99B	0	0	0	0	0	0
MIR103A1	0	0	0	0	0	0
FOXS1	2.25791	3.10536	2.15239	3.53357	2.07722	3.02252
LOC723809	0.171155	0.0504414	0.25913	0.107141	0.0726729	0.0355521



LOC10050737	4.42965	1.58612	8.16051	10.0793	2.82127	3.02972
TTC39C	18.8617	22.2711	18.6821	20.338	18.7484	15.7899
PFDN5	530.584	705.199	537.674	748.647	568.379	500.145
RSL1D1	34.681	36.9942	34.3427	36.2615	33.3	30.2564
LOC10050720	0.590281	0	0.458528	0.280451	0.535808	0.525111
TBC1D10C	6.87232	9.41517	5.71793	2.55795	13.1311	5.47856
DGAT2	823.986	723.266	546.261	472.924	458.554	506.311
PELI2	3.03025	3.14057	4.84271	3.22474	5.46829	5.97969
PSG5	0.271913	0.0120193	0.205839	0.287238	0.0432952	0.0423607
KLRC2	0.091686	0.243189	0.0694068	0	0.116791	0
LOC10023320	0.685799	0.356671	0.610769	0.113639	0.822191	0.251389
ITGAV	26.5526	22.1436	32.7494	16.0049	27.5192	21.8243
CDKL2	1.33278	1.25087	1.64532	1.50175	2.15479	1.83995
ZCCHC4	4.28795	4.17024	5.27475	4.05987	5.18893	3.34008
KRTAP4-4	6.61873	1.76232	0.161616	61.4098	0.5439	786
GPR116	6.77702	7.19591	7.22164	4.93379	5.56221	3.88412
DBT	7.49516	5.64929	6.64918	5.37034	7.12453	6.94904
HN1	22.5467	26.1675	21.851	24.1687	22.2814	21.4689
COMMD3	46.0789	53.3367	52.9328	52.3636	52.4292	48.2908
SMAD1	19.9735	19.9242	24.1096	18.4612	30.4923	21.9604
EIF4E	19.6328	14.2902	14.8622	13.4662	13.4619	15.5313
KRTAP27-1	0	0	0	0	0	0
POP7	37.0419	48.5566	34.9538	48.0664	38.3373	38.0708
LAX1	1.01826	0.86999	1.56519	0.433889	1.54669	1.53195
HHEX	6.27355	5.54668	5.06572	4.5443	7.26829	3.72325
PRUNE	10.2218	9.30327	8.14255	7.87295	8.74425	7.57713
IFNA13	0	0	0	0	0	0
AHSA1	59.6788	54.3701	44.9022	54.0152	46.8015	50.7391
SNORA61	715.758	1001.98	812.749	728.093	493.86	669.045
IL23A	0.669119	1.08459	0.675369	0.942437	0.781303	0.694944
DKKL1	0.127549	0.451087	0	0	0.32495	0.317935
C20orf111	26.7361	28.7037	24.301	26.5564	28.4096	27.513
MED7	13.8903	12.6239	12.0796	9.49308	10.3549	9.3326
LOC10012805	0.157134	4.92E-50	5.07E-45	0	0.0497332	4.24E-57
CARS2	19.6044	24.7944	28.4517	29.8739	29.2533	31.7982
CORO2A	6.04888	4.63685	6.60384	5.33508	6.53712	5.56693
FAM174A	25.1144	21.4857	30.4325	29.52	30.1498	25.6146
LOC10050596	0	0.049142	0	0	0	0
LOC10050625	1.55869	0.876967	1.66263	1.19748	1.21836	1.01546
C17orf101	7.10469	8.44166	8.7584	10.9627	8.91601	7.62554
IBSP	0	0	0.1015	0.31475	0.170794	0.0835535
CD2AP	17.435	9.77955	14.1124	10.3195	11.896	11.4622
TMED9	110.038	107.87	95.3005	110.913	97.306	100.726

EID2B	0.950484	2.37278	1.43904	1.10249	2.27903	1.39365
LOC730159	0	0	0	0	0	0
PIGF	16.1224	13.4655	13.7982	11.0302	12.1126	11.919
LOC10028763	0	0.163676	0	0	0	0
SERPINB5	123.168	93.8511	142.053	126.616	101.703	143.519
DSCR9	0	0	0	0	0.241399	0.472377
CLEC4E	0.0949633	0.293862	0.0718877	0	0.151207	0
MIR3187	0	0	0	0	0	0
ASCL1	0	0.03595	0	0.0381801	0	0.0253383
ATP2B1	8.43443	8.89891	8.14075	7.11462	9.49935	7.25324
PRR9	49.6658	8.04237	1.79035	157.33	2.14359	200.606
RALB	37.0655	31.0567	30.5165	27.2673	31.2753	31.1341
LOC10049946	7.81617	8.18882	6.01949	6.19382	5.95653	6.27842
EFCAB6	0.360176	0.506401	0.657057	0.498105	0.391131	0.409648
ZKSCAN1	13.0917	7.3096	15.2296	8.5016	13.4256	11.4476
SLC25A29	21.2346	33.1577	26.5751	33.6469	32.0114	27.7455
PPDPF	415.238	636.683	493.675	804.966	545.549	711.35
NHS	2.27972	2.12767	2.43185	2.05425	2.5456	2.26735
GRIK2	0.471635	0.453101	0.357029	0.33782	1.22527	1.07132
MRPL51	135.884	146.956	107.85	141.645	103.321	131.927
LOC10065293	22.8742	5.93423	14.7287	10.4109	11.9634	8.15304
ADAMTS15	10.442	11.4879	13.8011	10.852	16.7017	17.7521
ARID5B	7.6795	7.02204	9.34849	7.3455	9.1813	7.1076
CD34	52.3828	57.5419	64.0048	51.9952	53.2747	40.9069
TM4SF5	0	0	0	0	0	0
LOC340074	0.0504956	0	0.0382254	0.284487	0.0321609	0
CRIP1	180.757	336.838	360.768	441.292	222.944	211.2
UBB	636.689	605.127	553.329	613.572	578.587	571.951
FADS6	18.5817	15.9403	19.541	19.6643	11.0031	11.9236
PIK3C3	8.30828	7.03125	8.51647	5.98001	9.22425	8.98484
LOC10013235	0	0	0.0337881	0.0419105	0.0284275	0
ANKRD23	2.6505	4.10096	3.65881	3.84296	5.36226	4.08062
C1orf173	0.0664407	0.0352456	0	0	0.0338531	0.0082806
APOB	0.112807	0.041068	0.140651	0.130847	0.0972051	0.0702964
MIR3679	0	0	0	0	0	0
MIR4493	0	0	0	0	0	0
PTCD1	4.11156	5.59739	4.13198	1.38238	3.72891	4.32275
PTH1R	6.12998	10.9767	10.46	9.46275	11.6788	8.06028
PSORS1C1	4.65741	6.47081	0.302202	0.999597	1.9493	3.39984
LOC10050716	0	0	0	0	0	0
PRICKLE1	6.42393	3.61897	5.22661	4.12262	3.96156	5.37163
CALY	0.240164	0.424675	0.0909026	0.112755	0	0.22449
CD38	0.361462	0.127833	0.0547258	0	0.0460435	0.360397

SNAR-A3	0	0	0	0	0	0
DNAJC25	8.21833	7.41246	6.67114	5.4166	6.75543	5.74837
OTX2	0	0	0	0	0	0.124033
CKB	82.382	96.4452	104.724	147.445	97.2087	103.903
MDK	36.0252	44.4332	26.6275	37.862	35.8067	33.1672
LOC10013346	0	0	0	0	0	0
NMB	15.7408	22.3384	15.5255	14.7965	11.0358	8.26185
ZACN	1.34E-129	6.26E-219	1.94E-31	1.16E-38	0.214441	2.25E-26
SOX4	12.879	11.4568	10.2886	14.6195	14.2004	13.7089
PARP12	16.8743	21.9682	12.0317	10.8539	14.8666	8.69849
LOC10050579	0.0486071	0.128926	0.0367958	0	0.154791	0.0302899
POMZP3	17.6512	19.9838	16.8735	21.0767	13.5272	21.4814
GFRA1	12.3114	9.45978	13.9955	8.15788	12.5131	10.5431
C10orf103	0.417955	0.499647	0.711029	0.569221	0.763105	0.933166
MIR107	0	0	0	0	0	0
RALGAPB	13.1929	9.31987	12.4673	10.7109	11.8293	11.0482
PGLYRP2	0.166022	0.587146	0.293253	0.467677	0.634444	0.413833
ENO1-AS1	1.19099	1.05521	1.20211	1.11932	1.26466	0.494772
TRADD	19.4238	32.3527	20.927	28.4168	28.4027	27.0189
C9orf80	8.10412	4.79754	7.04176	7.41113	7.54037	5.88452
SLC36A4	4.30546	3.44408	4.28359	4.7358	4.20466	3.34734
PKP2	3.83338	3.34936	3.26033	2.60441	3.47549	2.24829
LOC10065282	2019.06	2540.74	2212.24	3036.03	2003.12	1877.78
PSG10P	0	0	0	0	0	0.0376469
LOC10050568	0	0.0334721	0.114637	0.142194	0.072337	0.141551
LOC348840	0	0.030415	0	0	0.0657302	0
SNORA65	82.6505	36.5372	62.5669	116.411	26.3203	103.009
MIR3622B	0	0	0	0	0	0
MPP5	8.54158	5.98125	8.81607	6.95889	6.96023	6.97773
ATE1	4.67348	2.61869	4.37838	2.86801	3.47748	2.82553
XKRY2	0	0	0	0	0	0
C9orf135	0	0.128188	0	0	0	0
STRN3	12.3637	8.66775	10.568	9.02295	10.391	9.75029
LOC10050581	1.06E-283	0	0	0	0	2.19E-240
MGC45800	0.233693	0.602633	0.545464	0.347438	0.322488	0.327662
FLJ42393	0	0	0	0.0422373	0.0286493	0
LOC10013320	0	0	0	0	0	0
ZNF624	1.14505	1.45783	1.24821	0.989171	1.60444	1.46991
PARVB	23.3327	30.551	22.9456	21.4497	20.3516	19.7086
CD80	0.108885	0.385078	0.0549511	0	0.323631	0.0904702
FZR1	13.9454	18.9084	16.1878	22.2961	21.0699	19.1567
HABP2	0.100173	2.24E-124	0	2.98E-119	0	9.40E-180
LOC10065274	0	0	0	0	0	0

GPRC5C	14.1786	19.9588	17.1043	27.1828	12.2557	10.5962
FLJ10038	3.84321	4.96119	4.86406	4.44688	5.54887	4.01982
RN7SL1	266.032	131.169	151.139	180.636	159.062	137.916
CELSR1	5.73107	8.08976	9.64586	10.786	9.96691	10.3641
PKN2	13.8353	10.7916	14.8145	9.76907	14.1208	12.0389
RGS11	4.54899	10.8698	5.45735	5.5607	9.59303	7.00609
LASP1	44.1436	41.4591	47.2824	36.6888	43.3124	36.1906
LOC10050748	0	0	0	0	0	0
LOC10050762	0	0	0	0	0	0
IL2	0	0.279185	0	0	0	0.0983876
LOC220980	0.0308577	0.245542	0.233595	0.144875	0.412723	0.192292
LOC146336	0.0339327	0	0	0	0	0.0211454
FAM27L	0	0	0	0	0	0
MIR892B	0	0	0	0	0	0
LRRD1	0.0754954	0.0333849	0.0857763	0.0709022	0.192506	0.0706043
PTCD2	2.883	3.06741	3.32916	2.47768	3.64128	3.16683
PCBP4	21.6581	34.6472	21.674	24.9387	29.4129	22.8536
GPR89A	9.92355	11.1553	8.84611	9.8539	9.88327	8.11463
OR2A4	3.2123	1.47861	4.27806	3.25625	5.72652	4.88229
APBB3	13.3696	22.3185	17.1592	18.097	23.7106	19.6041
LOC79999	0.299	1.14858	0.464895	0.139838	0.390458	0.870473
SLC45A4	5.69179	4.15489	5.87753	4.24819	4.51747	4.0198
MDP1	9.64146	21.1936	16.8477	18.4658	17.2188	14.2396
LOC10028842	0	0	0.362854	0	0	0
CACNB2	1.00376	1.20362	1.19267	0.971177	1.75548	1.24246
MIR4448	0	0	0	0	0	0
INCENP	3.76714	4.24655	3.76069	2.98463	4.07874	3.31582
SLC2A9	4.04599	3.32889	2.93369	3.32444	3.5787	4.30664
SNHG11	11.846	23.3783	12.8107	17.9759	20.7706	15.2473
USP42	4.21377	4.34093	4.3718	4.15096	4.6966	3.80981
HSF4	14.3065	25.9937	21.0281	27.9535	33.945	25.8834
LINC00271	0	0.286982	0.14743	0.304785	0.206734	0.121363
TPI1P2	0.153588	0.362114	0.426312	0.336505	0.423891	0.478547
HINT3	23.9336	17.9646	20.4792	18.9969	17.1373	17.1852
ACTR2	64.642	46.9332	50.6126	40.816	43.9949	39.2266
SEC14L1	12.9297	11.6565	11.3173	10.2916	9.9685	9.76217
HRC	1.65811	2.70646	0.965539	1.15773	1.05606	1.11275
MIR3150A	0	0	0	0	0	0
AZU1	0	0.116976	0.100156	0.496932	0	0.329789
C10orf118	6.92572	4.10462	7.06339	5.43119	6.95101	6.52589
KRT83	4.39053	1.32665	0	35.9542	0.955677	433.655
SPCS1	118.695	106.942	94.1707	110.522	85.0863	82.4087
MIR4317	0	0	0	0	0	0

SNORA77	0	75.4493	129.201	0	0	0
ABHD14A	11.1872	14.9149	13.2996	13.6101	13.2604	11.7412
LOC10050671	4.29916	10.2235	8.08011	16.2866	10.2917	7.66764
MT1E	28.1775	39.4685	15.5785	27.0528	42.5471	36.8937
C6orf124	1.40853	1.20641	1.09958	0.702622	1.68206	1.92004
C6orf192	12.3569	12.8445	12.5777	14.0333	16.538	11.6025
MB21D2	3.71636	2.92356	3.34496	3.54456	3.50387	3.06353
MST1P2	6.92311	15.1115	8.24107	11.904	16.9942	15.0877
LOC339593	0	0.158463	0.0339193	0.12622	0.114152	0.251298
CT47A1	0	0	0	0	0	0
ZFY	6.12778	4.07301	0	0.0191043	0	0.0126786
LOC10050641	0.277586	0.276102	0.0788004	0.228068	0.265194	0.216225
DMBT1	0.118911	0.0584073	0.0833049	0.196153	0.0961712	0.547557
YWHAG	72.8312	57.8334	77.7368	50.7018	45.2219	41.0063
DDX19B	17.6265	18.6777	19.5915	18.2724	18.9781	16.6591
MIR524	0	0	0	0	0	0
AARS2	10.5867	10.4854	9.4977	10.415	11.9799	13.0055
S100A12	2.20177	0.324444	0.833375	0	0.701159	0.228675
LOC400099	1.91964	2.80869	2.2146	2.84121	2.18128	1.8287
MRPL17	12.5242	13.2979	9.8056	11.8003	10.4353	10.9317
DUS1L	86.1176	134.094	82.4846	115.709	96.0625	81.2875
C2orf42	3.71599	5.6877	3.7507	4.80241	4.73346	4.0835
COMMD10	15.4883	11.1304	12.8221	8.66867	10.302	11.1731
MIR4746	0	0	0	0	0	0
NKRF	6.40569	6.27439	5.4524	4.59312	5.23726	5.09366
HPX	0.786208	2.49083	2.13267	2.39927	2.46197	1.22483
WEE2	0.0324188	1.48E-11	0.134697	0.0304407	0.14831	0.188584
JPH2	4.39465	4.94416	3.38414	4.71499	3.94512	2.92651
LIAS	11.2203	13.5668	12.2153	11.7783	13.3024	12.3701
GPR128	0.18926	0.0557773	0.047757	0.0888561	0.100451	0.0589694
CYP2J2	5.95541	3.17911	6.0394	5.27551	6.29787	5.91685
FSIP2	0.163839	0.0391504	0.231294	0.237001	0.186138	0.171083
LOC10065276	4.91291	8.30126	14.1739	11.0716	17.1751	15.0014
BRWD3	2.86114	2.48424	4.22073	2.76234	4.21928	3.35102
NCAPG	1.89987	2.51666	1.47586	2.15135	2.40342	2.4509
SLC9A11	0	0	0.0331662	0.0205695	0.0139522	0.013651
FXD4	0	0	0	0.311423	0.211236	0.103338
GSTM5	247.467	19.1409	20.4599	14.8306	24.1515	18.0302
IL12B	0.173093	0.0765191	0.0655163	0	0.192927	0.0269661
SLC13A5	0.0314889	0.174006	0.171631	0.270337	0.183367	0.104655
SBF1	18.1608	22.3505	23.3461	22.4351	29.5761	27.4989
OR13C2	0	0	0	0	0	0
DOC2GP	2.10233	0.371749	0.636589	1.97405	1.07119	1.5721

PRDM15	3.65435	3.98711	3.87279	3.49857	4.19844	3.10567
LEMD3	9.42229	7.06678	9.29691	6.79108	8.29639	7.87893
HSPB2-C11or	5.33E-07	0.499456	0.629348	0.258123	0.175804	3.60E-07
P2RX6P	0	0	0	0	0	57.5475
C21orf2	14.0809	22.366	15.5391	19.9615	19.6059	16.3813
MIR544B	0	0	0	0	0	0
FAM35A	10.3916	10.5433	12.882	9.44968	10.0306	8.25753
ZSCAN18	20.6417	28.0596	28.3011	35.1491	36.914	33.9891
UBASH3A	1.02562	0.456307	0.454733	0.288365	1.30456	0.639121
H2AFB1	0	1.10143	0.410582	0	0.0647705	0.258771
AMN	1.99341	2.55251	1.14478	2.71086	3.10837	2.99844
SNCB	0.456346	0.691667	0.0647727	0.321375	0	0.239941
MIR1289-2	0	0	0	0	0	0
NGEF	5.40027	7.03605	9.85212	15.8122	12.0753	11.735
HEATR7A	7.81478	9.43528	9.21968	9.06286	9.53299	9.98724
SECTM1	8.79286	13.1804	5.91291	6.07702	9.83593	6.11906
FLJ43860	0.0466944	0.0825684	0.0530219	0.0438453	0.1487	0.029098
HLA-DQB1	93.6989	104.422	26.0194	15.2788	66.5863	27.3432
GAL	811.752	1110.65	623.997	653.707	263.824	415.484
TYW3	10.2766	8.71507	9.97854	6.72454	9.2369	8.05864
ZNF217	9.9251	6.87863	9.614	6.64994	11.3849	8.86891
ADH1B	136.092	333.451	271.896	130.176	126.48	70.8472
DRGX	0.467261	0.137708	0	0	0.595202	0
CES1P1	0.541631	0.0399064	0.410018	0.254292	0.0898354	0.0878963
LOC730668	0.093507	0.082673	0.0176963	0.131702	0.11911	0.0437022
CYP2S1	2.68424	5.42453	3.62854	4.50081	5.20209	3.24982
NME7	3.92545	6.18468	5.91751	5.70931	5.3894	6.04572
TMEM106B	13.0307	7.8441	11.3614	7.30888	9.76107	8.69887
LOC10050666	1.40033	0.742852	2.04945	1.57787	1.78376	1.39621
MIR449B	0	0	0	0	0	0
FAM75B	0	0	0	0	0	0
OR11H2	0	0	0	0	0	0
KIAA2022	0.304857	0.23407	0.242924	0.286255	0.204384	0.154979
MRPL35	18.793	15.7821	16.1363	13.7503	14.6903	15.104
NUDT8	30.27	40.7616	13.7486	21.2807	14.5334	16.7347
LINC00272	0	0.623437	0	0.331056	0.112276	0
SNORD45A	0	0	0	0	0	0
CCDC48	2.273	2.56971	1.94634	1.71445	2.91911	1.92729
DDX11L2	1.06718	1.048	2.45148	4.7166	1.6746	2.37814
SGK3	6.0054	5.57142	5.82193	5.02807	6.8062	7.70346
RIT1	11.8709	9.4536	9.26922	9.23037	12.8879	11.2484
MIR3689F	0	0	0	0	0	0
FAM82A1	3.64274	3.42054	3.27346	1.84069	3.12723	2.79546

LOC10065298	584.716	398.945	363.111	349.806	331.15	420.061
MIR3974	0	0	0	0	0	0
ZDHHC21	6.93396	4.06275	8.74321	6.13358	7.69731	7.38349
GOLGA4	28.5041	19.3167	32.198	21.8624	23.856	21.2823
UNC93A	11.9702	7.18471	7.34593	6.07705	11.1568	10.5171
RHOU	8.47204	5.98154	5.54217	4.81593	5.90977	4.38669
SSC5D	2.88909	3.57949	5.74266	3.78309	3.83023	3.25769
LOC10028770	0	0	0	0	0	0
MIR1306	0	0	0	0	0	0
KLHL32	0.0513736	0.068132	0.0194451	0.096478	0.0163601	0.0640277
GALK2	5.36791	3.79273	3.8906	3.60935	4.73636	5.29672
KTN1	60.9482	45.9668	57.175	37.4065	48.1801	42.8034
SCGB1D4	0	0	0	0	0	0
SLC13A2	34.4525	11.6585	15.1571	20.5488	7.05607	11.3271
COX6B2	0.700788	3.71756	2.02555	2.33301	5.51833	3.17601
BAIAP3	2.83242	3.3798	4.6481	6.49074	2.80709	2.11394
LOC10050729	0.117184	0.103607	0.266128	0.110034	0.0746354	0
ASB3	5.41589	5.22998	5.69001	6.5282	7.3718	5.50255
MYLK-AS1	4.44418	4.26273	2.89875	1.88959	2.07029	2.93579
LIMS3	1.05217	1.21596	1.16791	0.865735	1.31233	0.773023
GPR153	13.0039	12.2145	14.1429	14.8318	15.4703	13.3521
LOC10050547	0	0	0	0	0.158421	0
LOC10012865	1.08442	1.29066	1.73655	1.01826	1.96577	1.40352
TRIM73	1.08377	2.01256	0.984345	1.83229	1.07162	1.01354
TRPC5	0	0.0145032	0.0124178	0	0.0104477	0.0204443
SFR1	4.32174	5.26857	3.44366	3.06209	3.12189	3.1181
LOC728379	0	0.00739837	0	0.00628586	0.0085273	0.00834323
ATF7	21.6139	13.23	19.8901	15.4011	20.4369	16.2665
LOC10050618	0	0	0	0	0	0
CD47	28.9565	21.3254	23.5076	18.995	26.1604	17.3353
CCDC60	0	0	0	0	0	0.0514473
FBXL16	4.82401	4.85337	7.61841	8.26968	8.89359	10.3371
NDUFA6	69.9611	74.6471	63.409	70.9657	59.3509	62.2218
CCDC127	10.2579	12.1601	9.2139	9.41636	9.9137	9.47715
SCAND1	37.3021	71.7532	44.695	72.6944	48.3864	59.5414
LOC10050683	0	0	0	0	0	0
NUP210	4.24593	3.74228	3.97518	3.96202	4.70085	5.50607
LOC10050745	4.10839	2.62393	2.13133	2.88604	2.37386	1.63796
MIR1233-1	0	0	0	0	0	0
GFOD1	1.82834	1.93173	1.98344	2.56438	2.06903	2.2604
RFX7	5.49935	4.23103	6.4347	4.25766	5.91059	3.86357
KDM4D	0.234086	0.443495	0.253149	0.408206	0.596363	0.270906
CATSPERG	0.788829	1.09264	1.07487	1.03698	1.94265	1.1306

DYM	12.8087	9.97247	12.967	11.6323	10.8367	10.293
TMED7	27.7486	16.7922	22.0245	16.7698	18.2825	17.3923
RELB	11.8005	14.3062	7.24115	7.89062	15.2593	7.46496
SNORD115-1	0	0	0	0	0	0
SCARNA3	0	0	0	0	0	0
TRAM1	58.0649	44.9166	61.4408	42.416	44.9284	42.1444
ADARB2	0.202281	0.089422	0.0425355	0.0844171	0.164621	0.0980411
MRPS28	39.9123	33.6313	32.9564	32.5505	26.1364	33.0454
LOC1005069	0	0	0	0	0	0
ORC5	13.7278	11.746	12.4132	12.0829	11.2969	11.4806
PWP2	10.2112	12.2429	10.4595	10.2995	11.7528	10.1774
FAM118A	41.254	60.9749	10.386	13.9038	12.6183	9.52097
SLC27A2	20.1394	14.6314	6.09916	6.22447	2.88968	3.75197
RPL11	2091.67	3113	2665.77	3731.44	2714.46	2449.87
LOC144742	0	0	0	0	0	0.0276934
INSR	8.98857	9.31795	9.01079	10.0829	9.10832	9.14016
MYD88	24.9699	26.6809	19.2312	17.6231	24.0831	19.6417
C2orf15	2.04986	1.40961	1.89659	1.2119	2.07923	1.89242
DDX53	0	0	0	0	0	0
ST8SIA4	1.73826	1.14938	1.0466	0.55387	1.80155	0.980273
FRMPD2	0.365032	0.264519	0	0	0.275652	0.193471
MYO7B	0.383285	0.263571	0.677014	0.399888	1.00359	0.583849
CLU	139.221	124.24	171.278	108.822	114.623	83.4702
SYNC	9.30675	8.8456	10.6929	8.41587	5.46683	5.61738
FUBP3	24.8066	23.2357	25.7822	21.6145	25.387	21.8685
LOC256374	0	0.433436	0	0	0.156117	0.152747
EFHC1	6.2951	7.9607	7.61581	7.9336	7.60341	7.6393
LOC339894	0.0512243	0	0	0	0.0652501	0.0957625
OR6K2	0	0	0	0	0	0
COQ4	57.578	88.2906	60.2772	81.7675	71.0056	64.0224
PADI6	0	0.0382596	0	0	0	0.0808983
PHPT1	57.1874	97.847	61.7791	88.1307	73.1058	62.8569
UBL4B	0.642081	0.567687	0.108013	0.133979	0.136315	0.133373
LOC1001286	0.469055	0.207354	1.06523	0.440435	1.49372	0.58459
FAM188A	14.9494	13.5194	15.0998	14.4784	15.8598	15.8103
UBR2	11.1383	9.37117	11.8463	9.01787	10.8437	8.94822
TFAP2E	3.78563	5.99157	4.59934	6.88987	4.10778	3.32013
GMPR2	35.8742	40.9126	31.6247	32.974	35.021	33.3175
C22orf31	1.40231	1.04909	1.71482	2.32962	1.44276	1.20996
STOX2	0.852228	0.349177	1.33749	0.370838	1.03262	0.919662
RN5S10	28.9436	186.547	57.3897	325.228	35.5132	57.3511
LOC1001297	0.806822	0.60634	0.488615	0.530315	0.668031	0.377083
C10orf25	0.773341	0.353844	0.586643	0.433609	0.509796	0.443886



GS52	0.920575	0.597875	1.09825	1.22457	1.3536	0.481594
IFT172	5.8141	7.91208	7.39664	7.62412	9.08439	8.06656
FLJ16779	0.17403	0.285752	0.131742	0.151739	0.205847	0.123941
GLI1	2.1786	2.45448	2.9691	3.57771	4.88306	2.39825
TTLL10	0.593467	0.756039	0.646974	0.721657	0.714307	0.447987
CAPN3	30.5113	57.0103	36.0125	62.7624	59.7764	52.9193
TAF1	7.05645	6.42645	7.55786	5.58613	8.29144	6.36208
QRFPR	0.0865467	0.191298	0.0327582	0.040633	0.110244	0.107864
SLX1B	15.178	18.5298	10.1341	13.5893	9.1605	11.6712
MIR675	0	0	0	0	0	0
MIR4786	0	0	0	0	0	0
C2orf43	5.7293	5.09637	4.7338	3.50994	4.71703	4.52813
GTF2H2C	5.00913	4.22762	5.10905	3.20671	3.56319	3.66853
FAM109B	7.5829	8.9391	8.04961	8.10232	8.96528	7.30527
GSPT1	20.5873	17.7499	18.8164	19.5805	17.7515	16.5783
PTPRD	0.712911	0.346401	1.60036	1.03879	0.675244	0.501842
SPACA3	0	0	0	0	0.194462	0.190264
MIR634	0	0	0	0	0	0
C19orf55	2.96062	3.63085	3.21721	3.00416	4.59243	4.40403
TMEM14A	17.0616	17.9387	16.3192	14.3969	13.8036	12.1407
ANKRD43	0.56919	0.377431	0.64632	0.374122	0.36252	0.33696
NAAA	9.9691	6.43449	11.7055	10.2181	13.4731	10.3714
ARHGEF3	9.20764	7.81462	8.13925	6.92512	9.00319	7.08515
TMPO	21.0557	19.6677	18.658	18.0076	20.5503	20.6333
EPB49	12.11	15.708	13.9864	11.3111	15.1426	14.0268
AGAP11	9.07536	13.0739	14.4759	10.6271	10.3879	7.76449
LOC10013200	0	0	0	0	0.514007	0
KCNN2	0.652054	0.524773	0.730468	0.606746	0.330721	0.597402
SVOP	0	0	0	0	0.0202424	0.0396108
CYP2A7	0.150706	0.227404	0.114085	0.0452829	0.0691092	0
ACAA1	106.89	123.975	87.9222	94.8286	84.5821	86.764
PLIN1	145.626	174.264	242.908	118.067	102.964	52.9347
GET4	55.7575	81.2621	51.5802	67.803	53.0906	50.3383
MEIS2	7.58986	5.15965	9.17827	7.68441	9.70658	8.18213
LOC1005070	0.229611	0.162406	0.0695266	0.215601	0.350977	0.0286167
JUNB	63.787	97.2546	140.194	74.72	113.255	98.7091
TMEM208	58.6032	63.4994	44.1219	58.6162	45.946	45.3511
GTF2IRD1	7.84382	9.23421	9.72703	12.1716	13.2928	14.025
RPP30	9.96118	12.1175	11.528	9.22679	10.6023	10.1702
LINC00158	0.0731521	0.258706	0.276883	0.274755	0.186364	0.0911706
PFKFB4	8.53635	8.84255	9.38386	9.84081	9.04347	9.98941
LOC283553	3.6151	7.4579	4.56108	8.29772	6.52369	5.50679
RAB2A	48.5575	36.5133	42.8565	35.5027	34.1015	34.4417

MIR548I4	0	0	0	0	0	0
RAB5A	43.3847	34.8423	40.9695	36.8182	37.9385	36.7005
C16orf11	0	0.0407434	0	0	0	0
DLAT	18.6302	11.3727	13.802	11.1833	10.6642	10.2734
ARF1	197.922	195.734	191.16	204.765	184.418	188.651
NEIL3	0.464038	1.04433	0.670625	0.673393	0.994118	0.630914
BROX	10.0476	4.94143	10.2682	4.65831	7.87929	7.70916
CDC6	1.82057	2.52942	1.59967	1.92317	1.408	2.32978
C2orf78	0.032602	0	0	0	0	0
LOC10050564	3.33255	2.42647	4.45192	2.48496	4.74445	2.80966
LIPM	6.69078	3.21321	10.3551	7.8314	11.2979	9.46065
C2orf82	61.5272	65.4736	57.1747	150.833	72.5077	92.0647
SCARNA2	0.898168	0.794103	1.01988	2.10841	1.1441	0.83955
NEIL2	12.9066	15.3205	16.8201	17.5132	15.6997	13.6316
MIR4669	0	0	0	0	0	0
HERC1	6.31311	5.44007	7.59055	5.11246	7.24931	5.72646
CNPY3	20.0572	22.2061	16.0845	19.6717	23.2747	19.0634
ZNF18	4.88064	6.45674	4.87149	6.44992	6.00978	5.09154
WASH2P	23.6628	42.2327	28.7784	39.6515	42.2012	40.1027
LOC10050631	0	0	0	0.250091	0	0
MIR27A	0	0	0	0	0	0
RPL26L1	15.4584	19.1014	15.0859	17.1385	12.6925	13.463
LOC10050628	0.285382	0.360453	0.27776	0.459376	0.467387	0.304865
FMR1NB	0	0	0	0	0	0
LOC10050591	0.540063	0.47749	0.408831	0.253556	0.429962	0.420681
GLTP	163.934	132.419	124.686	136.587	161.451	165.807
B2M	4135.05	3423.16	2434.93	1482.83	2798.23	1499.72
HSPB9	0.459708	1.01611	0.522002	0.431659	0.292791	0.572941
DPP10	0.421002	0.336971	0.303607	0.190119	0.154112	0.349406
GPX8	5.14188	3.89998	5.74974	3.45568	5.15339	3.65962
SCYL1	29.7033	35.8947	32.0363	34.4143	32.5986	34.011
CCDC77	5.01451	4.66805	4.21436	4.14248	6.14971	4.31329
LOC10065278	76.6409	50.5479	67.9187	63.6625	54.6788	53.5268
ANKRA2	9.95615	8.51467	9.65	7.33914	12.0601	10.3211
C20orf106	0.796422	1.75162	0.39565	0.373914	1.11158	0.577194
NASP	32.5393	40.5165	26.9607	32.6943	33.6923	32.8784
GPATCH4	18.3862	16.779	12.6844	14.3788	13.0824	12.1205
SELT	24.9329	17.0624	18.4691	16.0839	16.8847	15.0807
CYP1B1	8.35253	6.42658	15.0222	7.6148	17.0899	18.2464
PDIA6	105.252	68.2039	75.5838	65.9419	59.4874	64.3794
MIR34C	0	0	0	0	0	0
LOC647859	5.58547	3.14688	4.03604	5.00925	9.54034	7.12036
SH2D3C	8.10183	11.3992	8.20353	7.02249	9.88936	6.68115

LOC728715	13.1334	27.9346	19.124	33.047	19.5717	14.5799
NISCH	35.1524	49.239	46.8859	49.2181	59.2783	51.0327
LOC10050695	1.01894	9.89E-170	0.418526	0.236527	0.17733	0.340559
IL20RA	22.3281	18.2823	22.0599	21.8404	22.0856	22.7035
LOC338799	11.6544	26.9154	13.4742	18.9684	24.7124	19.8068
TBC1D12	4.5352	3.98025	4.07689	3.05295	3.93982	3.58463
LOC10050685	0	0	0	0	0.256127	0
PPP1CC	70.6417	65.69	62.8756	59.9549	59.0085	54.6965
COL5A2	10.4708	9.91371	16.4147	9.85776	14.852	12.9643
ASB18	0	0	0	0	0	0
MFHAS1	2.92922	2.44415	3.20142	2.88802	2.75181	3.49101
GALR1	0.107615	0.0634311	0.217241	0.168415	0.0685408	0.0447076
BCL6	51.8293	51.8091	48.5578	44.6395	62.0363	47.1136
CCDC56	63.0654	68.7889	48.5192	73.2171	52.0639	60.8718
BIN3	14.8443	18.8667	16.0232	19.2481	17.9431	16.7855
LOC10050605	0	0	0	0	0	0
LOC255654	0	0	0	0	0	0
MIR185	0	0	0	0	0	0
LOC10050711	0.341183	0	0.774832	0.320365	0.217301	0.637832
ANK2	5.88793	7.19572	7.0482	3.81207	7.54226	5.21509
WHSC1	9.31763	10.0821	8.99755	7.91079	9.43349	8.74486
MAGI1-IT1	0.392098	0.485336	0.415549	0.404991	0.349621	0.488678
LOC10028704	0.156932	0.679259	0.68873	1.03754	0.654332	0.365215
IL33	14.9132	15.4711	18.7845	10.6054	19.896	17.397
CLDN4	85.3677	67.5131	89.6829	101.222	106.952	106.896
LOC10050552	0	0	0	0	0	0
LOC10050734	8.287	9.32508	9.88521	7.78136	9.11661	9.70227
TP53	30.2443	34.026	26.9844	31.2447	31.7678	30.7934
MYO5B	6.60449	2.58646	5.49259	4.5906	4.90119	6.21053
BCKDHA	38.5274	43.4303	40.2718	46.6765	40.1019	42.7025
FAM111A	25.6585	24.1253	19.9999	18.7995	30.7602	22.6339
C11orf45	1.02849	1.96223	2.15132	2.38892	1.93068	2.39498
SLC22A16	0.262683	0.371597	0.159082	0.0986622	0.167305	0.130955
ATP5O	280.05	295.56	254.793	325.273	237.722	235.228
C2orf57	0.0765504	0	0	0	0.0975107	0
LOC10065283	1.95E-07	5.41E-12	2.10E-06	1.47E-08	9.59E-07	3.61E-07
LOC10050625	12.1784	0.978853	2.09526	0	2.11541	0.344958
RTN4R	2.59987	3.49494	4.59057	6.45659	4.44842	5.87051
LOC338739	0	0	0	0.0469012	0.0636255	0
RGS22	0.720663	0.575504	1.07349	0.436575	1.24373	0.622927
LOC643962	0	0	0	0	0	0
ZNF501	1.55501	1.57534	2.06001	1.61223	2.41408	1.69578
LOC10050716	0	0	0	0	0	0

MIR323	0	0	0	0	0	0
TTC7A	16.8264	17.7801	17.4013	15.3452	17.1896	16.9857
C10orf96	0.310815	0.274803	0.235289	0.350221	0.19796	0.193687
FIGN	1.60189	1.26522	1.63302	0.86238	0.884221	0.851824
DZIP3	3.49423	2.74129	4.39264	2.521	3.66265	2.95754
ZADH2	10.2924	9.48622	10.3033	10.1454	9.66793	9.90662
PLA2G4E	40.2921	41.2542	48.5604	38.3842	44.8607	37.694
MYLK4	0.682258	0.809183	0.554264	0.453128	0.900863	0.508111
MIR455	0	0	0	0	0	0
C1QBP	93.7988	84.9294	73.9424	87.3776	65.0959	65.5089
LOC10013091	0	0	0.1901	0	0.159941	0.156488
MYH9	123.267	109.97	109.248	103.417	111.492	105.163
PRAM1	1.66563	3.0271	1.50606	1.86811	2.9468	1.67225
MEIS1	4.85275	4.318	4.9452	4.35219	6.47867	5.66036
C20orf194	6.72589	6.11862	6.97456	5.36296	8.06302	6.07044
MPHOSPH8	20.3978	19.0811	21.4386	17.4859	23.4311	20.3292
ZNF503	7.32023	10.6178	10.1174	9.45117	8.10187	8.86545
SAE1	31.6118	32.5093	26.9573	32.4394	28.3928	27.2764
RAB11B	63.7319	81.2212	71.9669	85.1069	80.1064	78.0708
TTC39B	21.264	15.7968	19.4938	14.4291	14.0698	13.381
MEP1B	0	0	0	0	0	0
ITPKA	0.338749	0.648917	0.47013	0.424106	0.215751	0.211094
DMD	13.6758	12.3359	15.3392	10.9866	14.6633	12.2348
MAGEA11	1.05347	0.882607	0.713695	0.525349	0.35634	1.06891
MPP6	1.96491	2.2336	1.66452	1.6693	1.07268	1.07868
SFXN1	11.6659	11.5484	11.5484	9.30004	10.0338	9.11299
LOC10050541	0.287951	0	0	0	0	0
TCEAL7	2.37963	1.85145	2.37784	1.69817	2.84933	2.43193
RGL1	7.10206	6.09598	6.68828	4.776	7.83485	6.91442
CALML4	5.90795	8.22318	6.98587	6.38993	7.89592	6.0733
PCSK5	1.57553	0.886901	0.908571	0.533196	0.742859	0.766779
LOC10050734	0	0.0472114	0.17545	0	0	0.0692316
LOC10012948	1.40639	2.92728	2.06276	2.61365	2.29533	2.62922
C11orf80	16.08	24.2626	18.6767	24.6977	25.8588	27.3126
HNRNPH2	8.10039	5.62389	4.77353	8.22458	6.44157	4.77942
SPATA5L1	5.57883	5.44096	5.70635	5.91641	7.05512	6.04157
RAD52	5.4426	5.24342	5.76811	6.09737	6.90894	6.99371
CASC1	0.335127	0.519379	0.403078	0.127101	0.4529	0.46084
RAB11FIP5	11.5811	10.6939	12.1011	13.4356	11.4343	10.6859
NDUFA4L2	70.104	133.218	95.9915	177.031	181.575	186.686
C17orf103	8.16855	8.54874	10.0242	8.58625	10.3752	11.8746
ACMSD	0	2.80E-10	0	0	0	0.0554276
TXLNA	40.1829	38.2696	35.8925	37.3339	40.4095	36.2237

ZNF701	1.86517	1.46538	2.06721	1.1946	1.63201	1.73249
TSGA10	1.30347	0.734028	2.09554	1.59832	1.22244	1.49397
BPIFC	24.3573	17.8382	23.8198	24.9325	25.1009	31.5295
TSPYL5	4.73508	3.57193	4.01199	4.18102	4.59287	6.26685
PITX3	0.0786379	0	0	0	0.0500849	0
ZNF682	4.97371	5.42573	5.2585	5.61777	8.3091	7.52504
C20orf3	258.882	233.075	272.87	230.649	178.709	171.212
CCNL1	55.8161	63.4294	57.7285	53.8483	70.5546	57.3819
PRKCD	27.2213	23.1577	32.8127	27.1151	27.2684	23.6896
ZNF705A	0	0	0	0	0	0.0178393
ZDHHC8	11.6913	18.6725	14.2894	16.1107	16.4712	14.7992
PCOLCE	49.7608	64.3632	82.437	44.313	66.9984	48.7556
GPN2	10.115	10.9583	12.7798	11.7719	12.6124	13.0503
MBNL3	3.72403	2.61342	4.20315	2.85388	3.07917	2.52882
LOC10027074	2.03239	1.5723	1.05774	1.07346	2.75068	1.50397
PRSS54	1.35E-177	1.59E-129	2.99E-256	0	0.0425984	2.04E-152
LRRC14B	0	0	0	0	0	0.0423303
TM9SF2	73.4593	43.7115	60.4922	49.0929	53.3096	51.1716
TEN1	29.8652	47.174	34.6805	50.2587	36.2968	28.6245
MGC34034	0	0	0	0	0	0
LOC10050696	6.67692	6.35209	4.62579	7.19995	7.22173	7.0608
ACTR1A	57.6556	51.8654	49.1111	53.9421	53.9432	55.6917
CCDC51	9.71758	12.8243	8.2758	7.78279	9.46581	9.39512
LOC10050554	2.4795	1.23312	2.93281	1.16411	3.65192	3.28338
LOC10065275	9.22E-07	2.76E-07	6.76E-07	1.41E-07	2.06E-07	2.06E-07
MRO	0.221395	0.349293	0.321942	0.224339	0.25162	0.112497
LENG9	3.2517	5.36424	2.6634	3.40792	4.54976	4.05554
HELQ	3.71579	4.25152	4.19862	3.05293	4.97683	3.66056
ZNF281	2.93041	1.23375	2.32397	1.23167	2.18635	1.58262
SMEK3P	0	0	0	0	0	0
HLA-DQA2	9.35126	9.05127	14.8286	7.48698	21.6919	9.75308
MIR380	0	0	0	0	0	0
ELANE	2.86149	2.75995	9.05852	4.51887	2.56807	1.62106
MAK16	8.21965	7.99059	6.73117	6.28052	6.82692	6.75386
ODC1	20.6789	18.018	27.5268	18.995	16.479	38.5652
DCX	0.0747003	0.129193	0.0872697	0.156577	0.125947	0.0654632
MIR4796	0	0	0	0	0	0
HMGB1	76.1461	85.3118	79.751	69.6125	83.87	66.6045
ZFAND3	21.5946	20.0341	18.9225	18.9715	18.6146	18.4893
AMDHD2	13.2185	20.2313	14.9723	12.4443	20.3858	18.4564
LOC10065301	1.06234	0.137962	0.619826	7.61E-07	0.299469	0.669608
IRAK1BP1	1.37077	1.73135	1.92712	0.735503	1.06013	1.95247
CNP	28.6038	30.4471	19.1634	23.5727	23.2982	23.0523

ZFYVE21	55.7701	67.2991	65.3605	75.8685	64.5244	58.6439
SH3BGRL2	21.5732	11.6357	13.9192	14.5474	12.5199	13.6511
SPIRE2	5.87887	8.8873	6.57174	9.61024	4.75311	8.16212
CIB1	81.7335	93.3077	58.3606	68.4884	69.657	59.5054
RGL3	2.22006	2.73351	2.0705	1.67543	2.65056	1.67972
ZFYVE26	5.30627	5.0278	5.85548	4.90007	6.40507	5.98721
WFDC12	39.4208	24.062	9.86402	9.13772	19.8548	9.76448
LOC400706	0.321828	0.71135	0.365438	0.453287	1.12736	0.501374
FAM200B	5.9521	5.86893	6.29803	5.5266	7.22954	5.70843
MGC3771	0.399976	0.260641	0.621743	1.11488	0.565487	0.36959
GTF2A1L	5.43E-18	0	0.154275	0.198544	0.216081	0.254476
OVOL1	20.4587	19.7914	43.6462	30.2502	24.7067	39.4474
CTSH	63.0221	58.1176	103.737	102.121	89.1448	72.5556
TMEM59L	0.131408	0.290456	0.248691	0.678644	0.376625	1.06454
RUNDC2C	0.0837003	0.207492	0.316808	0.220363	0.426542	0.167081
CHTF8	37.6725	44.0136	36.8026	35.9558	37.198	36.2671
KLF10	35.7396	37.9106	59.81	41.7218	49.1173	38.7202
CLEC4A	5.6261	6.67869	3.47301	3.96306	7.2326	3.63458
ARHGAP29	7.48393	6.25024	8.74916	6.63797	7.96847	6.78234
FETUB	4.89988	4.2744	2.37391	3.25131	3.12076	5.29256
SNRPF	32.3832	35.9653	28.1371	36.6985	28.5499	31.8106
VPREB3	1.24544	0.440455	0.565682	1.87112	1.11052	0.310442
LAMA4	17.4671	19.2941	22.2217	14.127	14.7146	11.612
HSPA6	3.2938	2.74472	2.98062	2.63072	2.72475	2.2177
SNORD33	0	0	0	0	0	0
LOC10050597	1.67351	1.75879	1.93614	1.69	1.62897	1.69219
HPS4	13.5224	19.0901	17.1747	20.5646	24.6396	21.5976
TRIM50	0.0251789	0.139135	0.317808	0.23161	0.150566	0.28691
OR5B21	0	0	0	0	0	0
RPS6KB1	9.32829	8.43929	9.77124	8.33474	9.31485	8.79835
CAPN12	4.58	7.20358	4.38432	16.5253	5.4539	43.0725
FAM176B	28.6906	52.5794	48.5139	61.0021	60.6306	62.8154
PDZD11	19.861	19.3	20.1819	21.3374	17.8347	20.4045
NPSR1	0	0	0	0	0	0
LRPAP1	10.219	12.3391	10.5649	12.0552	10.671	10.749
TMCO2	0	0.154971	0	0	0	0
WDR54	5.30534	6.85556	5.17468	10.3465	8.51248	6.03992
SENP6	19.6297	16.2674	18.0959	15.3844	19.3429	16.5596
LOC10050717	0	0	0	0	0	0
CDHR2	0.0225706	0.0399109	0.139536	0.0222031	0.117398	0.0632926
SHCBP1L	0	0	0.032484	0	0	0
NEK8	3.97955	5.43202	3.67318	3.44173	4.23179	3.28844
TMEM66	185.855	150.223	155.922	139.282	137.278	137.144

CDC25C	0.932691	0.903792	0.82848	1.27836	0.677366	1.60811
PCDP1	0.201082	0.148154	0.12685	0.220282	0.149416	0.0417687
FAM27E3	0.943623	1.84868	0.968445	1.77209	1.92086	1.71804
CHST14	6.32727	8.59693	7.92427	6.90229	8.91906	6.52316
CCDC164	0.0810721	0.107518	0	0.0761254	0.129088	0.101041
LOC642131	0	0	0	0	0	0.161771
KRTAP6-1	6.22167	0	0	2.92102	0	616.456
MAP4K2	6.70087	8.78253	7.34127	7.20894	8.44986	7.28124
WDR59	17.7415	23.5407	20.6622	21.1064	24.5877	24.3126
SPAG7	44.9743	55.9708	46.9172	46.8273	58.2315	59.4106
HDAC3	40.1012	46.5975	39.5339	43.6798	42.0131	33.9173
LOC10050738	0	0	0	0	0	0
RFTN2	2.57881	3.09633	3.56694	2.69051	2.79826	2.12283
ANKRD50	4.71145	3.81968	5.15416	4.42461	5.68817	5.38438
SLC4A2	18.4151	25.4283	20.8171	25.2216	26.4456	24.7206
CDK6	6.55004	4.86054	6.14737	5.13915	5.57931	4.71735
ARL14	0.343534	0.0759327	0.130029	0.0806432	0.273498	0
WNT3	3.52576	4.51684	8.00706	8.2428	8.43236	11.2994
NEFL	0.164029	0.169195	0.227646	0.10268	0.139295	0.0851799
ELOVL6	11.7885	4.28408	8.99982	5.73817	9.44375	13.0485
XYLB	3.27243	2.06999	2.17514	1.6488	2.01645	2.0724
RASGEF1B	9.70191	10.6031	15.7769	12.1044	16.5923	16.1502
OR52K2	0	0	0	0	0	0
LOC10050731	0	0	0	0	0	0
MIR3128	0	0	0	0	0	0
FLJ23865	0.100387	0.0887557	0.0759934	0	0.191811	0.0312784
LOC10028961	0	0	0	0	0	0
DOCK3	0.831978	0.840666	1.31688	1.10587	1.19054	1.37357
LTA4H	41.2025	40.5401	43.4169	45.027	43.5033	44.1534
RN5S1	0	358.315	36.0878	361.782	18.4343	59.2078
FXR1	9.76431	10.1463	9.73349	8.36417	9.80628	8.4721
LOC10050751	0	0	0	0	0	0
MIR4779	0	0	0	0	0	0
LOC572558	2.5835	5.07592	2.39033	3.50402	6.03329	5.5453
C16orf52	5.69318	4.20427	5.68031	3.62532	5.7794	4.5944
ELFN1	0.549363	1.01768	0.851545	1.35102	0.98303	2.00513
RPL10A	893.581	1309.36	1008.28	1547.63	1041.09	983.051
LOC10050581	0.610295	0.380883	0.570702	0.404511	0.548753	0.223712
LOC727944	0	0	0	0	0	0.563123
CPT1C	1.79517	2.30333	1.33221	2.19163	2.3451	2.50543
ATP8A1	5.40543	3.40185	2.9999	1.89302	2.9495	2.77816
NCR2	0	0	0	0	0	0
ANKRD42	1.92619	1.32071	2.23184	1.66102	1.60235	1.9842

TACR1	1.73927	2.09192	2.57577	1.89894	2.2111	1.00365
ARHGAP32	11.8207	8.65566	14.6597	11.9439	12.5493	13.072
LOC285965	0.0960546	0.0693557	0.101799	0.0736582	0.0734132	0.0606054
STARD13	5.84698	4.54503	4.52552	4.56489	5.5501	4.69024
CEP76	3.23302	2.79696	3.21059	3.26425	2.65694	3.05452
FCRL6	0.587265	0.755233	0.808296	0.100261	0.91808	0.266152
C1orf88	1.03905	1.26316	1.24539	1.74804	1.15811	1.24102
FAM9B	0	0	0	0	0	0
ZNF696	3.11623	3.19308	2.99953	3.2749	3.71975	3.60088
OSBPL5	16.726	20.4612	19.6416	19.8919	22.9642	20.0984
CEP44	6.00893	5.88292	8.48049	5.16515	9.77451	8.63417
MIR1270-2	0	0	0	0	0	0
SHC4	2.2318	0.939628	0.901059	1.63658	1.1507	1.11261
LOC10021654	4.49141	3.99761	4.43976	3.62429	4.61017	4.60436
IL2RG	10.3506	10.2025	7.83547	3.2178	13.452	6.53722
NOL12	12.0908	15.8795	11.8135	13.1022	15.4685	15.1127
ZNF124	1.77038	1.67706	1.53164	0.831179	2.01351	1.22143
LOC10065287	3.15593	9.27E-08	20.2496	5.89E-07	0.0004322	3.30E-06
INPP5D	1.12981	0.772046	7.06769	7.00151	4.95347	7.4247
LOC10050765	0	0.0168413	0.0288394	0	0	0
DND1	5.81078	7.07975	6.29607	7.76371	7.81478	5.69154
CTR9	15.7537	12.1948	15.5938	11.597	13.2777	13.4545
LOC641365	0	0	0	0	0	0
OSTM1	10.0906	9.01736	9.11704	6.54071	7.90557	9.03309
LOC10012993	0	0	0	0	0	0
LOC10050669	3.07974	1.39383	2.87151	1.8724	2.664	2.43655
A1BG	1.04859	2.88069	2.54516	4.82695	4.46237	3.86416
CDCA8	3.04877	3.7503	2.47518	4.19039	4.13683	4.46055
MIR3138	0	0	0	0	0	0
DSC1	37.6157	20.1945	68.0026	29.1967	54.4581	53.0663
THEG5	0	0	0	0	0	0
FAM197Y8	0	0	0	0	0	0
C4orf32	12.015	12.4096	10.8755	7.17624	11.1393	9.59372
TDRD6	0.624592	0.767573	1.30373	1.03702	1.01899	0.915441
LOC10050660	0.402106	1.18506	0.507327	0.503428	0.597575	1.0023
DNAJC3	13.9539	10.1065	12.681	11.0719	9.34646	9.1661
HHIPL1	0.513259	0.55397	0.689064	0.481941	0.741695	0.371808
CYB5B	18.9704	14.2877	15.2529	16.8553	14.0023	13.1492
SLC15A3	9.00986	9.68357	4.7221	4.27948	6.86807	4.43124
ZNF615	3.76037	3.2826	3.74333	2.5707	3.62324	3.39556
MZF1	12.388	23.5929	16.5869	26.2213	21.736	25.7071
LOC653720	0.29998	0.225162	0.510894	0.199263	0.287964	0.261901
MIR516A2	0	0	0	0	0	0



SPIC	0	0	0	0	0	0
LIN37	8.68074	13.751	9.03563	11.8561	10.178	9.22069
CDHR4	0.489659	0.50508	0.494233	0.996194	0.9356	0.508558
ANKRD46	12.4144	8.23996	10.5691	9.12279	9.09853	8.22944
SALL1	0	0.0662157	0.0141733	0.0175804	0.0119247	0.0525043
LOC10013436	16.945	22.5144	12.667	17.7558	15.9678	12.4127
ST7-OT3	4.72E-18	3.59E-08	0.142727	0.318173	0.0886593	0.259976
TAF1B	5.09103	5.32312	5.19444	4.32314	4.5677	4.46911
FAM198A	1.66296	1.95193	1.8449	1.37304	2.46526	1.60803
GNL2	26.1127	24.0196	23.0248	24.1629	22.7035	21.8717
LOC10065285	36.1185	49.9781	35.3898	45.6305	38.1616	34.1083
MTNR1B	0	0	0	0.0598621	0	0.198638
SNRK	12.0123	10.793	13.5689	11.5246	10.9703	9.38316
C17orf39	7.57992	6.31583	7.18124	6.81547	8.80688	8.87442
SYCN	0	0	0.261174	0.647917	0	0.214995
MIR4525	0	0	0	0	0	0
LOC285796	0	0.127449	0.145497	0.0451184	0.153017	0.0299429
EPM2A	3.15149	3.81539	3.65359	3.6789	3.45364	2.75993
PCDHGB1	0.209682	0.148215	0.126553	0.117712	0.172938	0.182474
ZNF74	3.85384	4.80277	4.19049	4.12688	4.87633	5.14145
SIGMAR1	58.1682	63.6628	50.532	54.4386	56.8056	49.9807
FAM124B	0.657829	0.850166	0.806913	0.809139	1.27796	0.790677
CPAMD8	1.18276	1.85122	1.17365	0.915491	0.834747	1.02589
SUN5	0	0	0	0	0	0
MIR548X2	0	0	0	0	0	0
LOC10065295	5.43953	16.031	4.11775	9.53424	8.77665	6.10143
LOC10012934	0	0	0	0	0	0.0790184
ADAMTS2	4.77417	3.55323	7.60858	3.9222	4.77974	3.96702
DKC1	25.8581	23.6218	22.0585	24.427	23.0176	21.0305
TDRD5	1.21593	1.32452	0.455341	0.748818	1.28544	1.04008
IQGAP3	1.26464	1.88683	1.43601	1.95934	2.82918	2.85676
MPI	13.7547	15.5158	14.0926	12.8041	16.1237	15.8496
LGALS2	9.71457	15.3561	10.4739	5.8048	10.6871	6.60405
UTS2D	0.294489	0.706716	0.159236	0.0888817	0.133973	0.0524324
FAAH2	9.85696	8.39717	8.3945	8.33962	10.6921	9.22437
HIST1H2BK	52.7548	38.9777	32.5525	37.4641	32.5645	46.9636
C9orf68	1.38492	1.87134	1.46379	1.52124	1.84734	1.62834
VTI1A	4.68414	3.73118	3.78008	2.67634	3.6729	3.71754
KLF6	32.9697	30.8278	45.729	28.8155	40.7815	30.1164
KIAA0947	7.42691	6.10041	7.77135	6.24263	7.03433	5.36715
BDNF-AS1	3.27928	3.6652	3.96359	3.62267	4.83078	3.57107
COLEC12	5.87912	3.7727	6.62793	4.74873	8.87795	6.49997
MS4A18	0.575863	0.254571	0	0	0	0.0598089

C19orf79	82.0793	88.284	56.6511	88.7892	65.9384	71.5329
LOC10050649	2.37665	2.00789	2.21893	2.4548	2.43874	2.66584
CLDN23	4.2489	3.4279	7.15657	5.9346	5.88587	5.32856
ZNF385C	1.16322	1.30298	0.998559	2.5861	2.07393	2.054
ZC3H12B	0.458678	0.359187	0.595237	0.676801	0.692776	0.334828
MYH7	0.0158788	0	0.0120203	0.0298198	0.0101133	0
SNORD115-4	0	0	0	0	0	0
FAM208A	11.8472	9.82013	11.8973	9.69424	11.3528	10.4382
METTL20	1.41439	1.74123	2.38441	1.38768	1.52081	1.51833
NODAL	0.493084	0.610335	0.671881	0.648197	0.816524	0.276542
STEAP1	6.55255	6.31327	7.24969	3.39189	4.22686	4.39753
AKR7A2P1	1.49713	1.25013	3.21113	1.79628	1.80112	2.28055
SDF4	69.4528	71.982	67.063	76.6493	75.8303	71.8928
MAGEA9B	0	0	0	0	0	0
DSERG1	0.383714	0.22617	0	0.1201	0	0.0797047
IRF4	1.526	3.11889	2.07888	2.2922	2.92705	1.61302
FILIP1L	10.5567	11.6536	16.075	7.98675	14.8687	14.6057
SDC4P	1.82754	0	0.553383	0.686412	0.931176	1.82215
C3orf67	0.0394951	0.104757	0.328878	0.111256	0.528248	0.418398
IRGC	0	0	0.100118	0	0.0421171	0.123624
ZNF212	9.38623	11.4736	8.10127	11.4509	11.1184	8.61856
C13orf30	0.0298883	0	0.0226256	0	0	0
AUP1	83.8712	96.3522	61.9815	79.3506	89.1286	89.5047
EXOC3	33.1188	39.3301	32.2773	31.4719	35.5478	26.6831
GOPC	18.5034	15.9901	19.6276	14.1369	20.0258	17.0424
STRBP	5.56791	4.09453	4.49057	3.83213	3.73947	4.21024
C6orf183	0.197762	0.0437121	0.0748534	0.0464238	0	0.154046
LOC10050651	0.57897	0.411273	0.486494	0.285184	0.389275	0.131542
EZH1	22.8435	27.3586	26.7823	23.2094	35.2787	27.6007
KIF18A	0.766987	0.778584	0.473093	0.533473	0.796072	0.743484
COMMD1	36.0994	38.6276	35.8761	43.9789	27.2366	30.2249
ORC3	9.43831	9.97344	9.78695	8.0898	10.6458	8.95573
MB	12.075	4.44303	3.95675	8.21788	4.34235	4.79164
TACO1	15.3741	15.1537	10.803	11.6041	12.9309	12.6517
UGT2A3	0	0	0	0	0	0
SORCS1	0.830725	0.879148	0.582106	0.901926	0.957957	0.679278
MTRNR2L10	0	0	0	0	0	0
GPR162	1.69691	1.68667	2.00974	0.994733	4.5506	2.86371
PLEKHA6	4.46979	1.94189	2.69332	3.18398	3.21496	3.19359
TF	43.624	32.9013	31.8849	21.5237	7.7559	8.88299
ZGPAT	16.8431	29.8172	19.9577	25.7025	23.5981	22.1173
SCAND3	0.41563	0.0699949	0.194773	0.167258	0.2269	0.493338
NUCB2	34.6673	14.5372	18.0954	10.6647	13.3741	13.4969

KRTAP9-2	12.6858	2.75281	0.360855	96.2435	0.917182	1008.73
LOC10050585	0	0	0	0	0	0
BASP1	10.0299	12.0643	7.72512	14.4006	12.7019	15.3711
C11orf87	0.0322515	0.0998015	0.0122073	0.0605672	0.0308117	0.0100489
OR4A5	0	0	0	0	0	0
LOC283033	0	0	0	0	0	0
MLX	27.8856	30.5774	27.9455	30.6882	27.4219	25.1903
ALAD	29.7808	28.8039	36.099	36.4579	34.688	38.0267
RASA3	8.9837	10.297	16.9317	10.6097	13.2427	8.67154
MIR4522	0	0	0	0	0	0
TIMELESS	5.90395	6.26388	4.32744	4.91014	5.10917	4.85873
SFMBT2	2.59792	1.47146	1.41395	1.23674	1.487	0.835684
SMPDL3B	1.75841	0.937587	1.53649	1.60048	1.06137	2.06834
PREB	39.221	45.0363	33.8448	35.7617	35.627	32.1944
C1orf204	4.97646	6.26057	4.93323	7.93508	5.12398	8.02029
C19orf12	10.4535	12.1723	12.7717	9.4785	9.66652	7.98652
HIST2H2AA4	23.9756	25.5385	13.2681	15.2793	20.4213	25.7413
RC3H1	6.75308	5.7739	7.05589	6.69466	7.35926	6.61904
COL13A1	1.3832	2.48054	1.63729	1.2496	4.31625	1.92212
HERC2P10	0.343409	0.264487	0.499128	0.535674	0.548515	0.502453
CYP2D6	3.00145	5.14008	3.94116	4.39419	5.69543	4.06849
ATM	6.12222	4.39718	5.80129	3.68504	6.23975	4.76666
SMARCA2	35.1171	24.2682	37.6965	26.3304	34.6558	30.6479
RGS16	2.20557	2.31796	2.39419	1.83655	3.15404	1.53001
ITGB3	1.16348	1.06354	1.52267	0.611053	1.14294	0.909361
MIR448	0	0	0	0	0	0
LOC10013471	1.17351	1.15395	0.345808	0.674249	0.998159	0.730162
ACOX2	32.6914	27.774	27.5492	22.1744	17.005	18.9991
TUBGCP2	24.3079	32.9609	25.898	25.1161	32.1808	28.8429
SUMO2	196.641	196.467	172.07	201.54	169.88	165.844
GMNC	0	0	0	0.0254141	0.0861909	0.0168661
BMF	3.1902	3.63775	4.45816	3.93111	7.64297	6.58891
TAS2R10	0.130068	0.459991	0.295386	0.610659	1.49114	0.486317
UGT3A2	1.45267	0.849832	4.08203	3.46318	2.60759	3.79224
SGOL1	0.295041	0.590446	0.333408	0.514473	0.527782	0.84743
HBG1	2.09721	3.97807	0.945356	3.21871	0.357918	0.0778205
TSSK2	6.59E-09	1.10E-09	3.18E-10	3.32E-09	8.61E-09	5.27E-09
NPBWR1	0.47784	0.211238	0	0.673026	0.228254	1.04219
FAM189A1	0.287572	0.308735	0.295441	0.4629	0.196239	0.358405
PSMA4	166.857	153.15	120.852	110.678	116.161	114.021
RASA2	4.42479	2.2306	4.46613	2.5512	5.58691	4.5472
RABL3	9.08083	7.87301	10.1685	7.77092	8.20282	7.46145
RPS6KA1	18.8088	24.0516	14.9071	21.3804	19.4017	13.9209

TGFB1I1	19.6815	28.0263	18.195	22.4932	19.4128	17.7637
MMP10	0	0.105651	0.0452296	0	0.0380539	0.0372325
COX10	6.95204	5.50267	5.92271	6.15488	5.12359	5.73505
DEFB135	0	0	0	0	0	0
PLA2G12B	0	0	0	0	0	0.131069
GOLPH3	41.0134	28.4059	31.388	32.1042	26.0262	24.086
DHRS3	64.0719	84.5025	65.9725	76.6595	60.6022	54.0548
FLJ32154	0.319516	0.600304	0.786096	0.562539	0.661381	0.920879
MIR1185-1	0	0	0	0	0	0
CCK	0.342794	0.612899	0.131192	1.32896	0.588685	0.107996
CHRM1	3.39616	1.53261	2.22277	3.35504	3.04177	2.84384
SOCS6	6.39066	4.47671	5.68128	4.43131	5.57311	5.40176
LOC10050749	1.32499	1.41686	1.99977	1.55772	2.29833	1.94519
MBD1	29.1214	33.4894	32.0406	36.3019	40.3899	35.6196
PHF21A	7.31188	8.62255	8.52477	7.38291	10.3921	9.2163
MIR1302-9	0	0	7.00285	0	0	5.76466
JAKMIP3	0.220641	0.325128	0.411999	0.483417	0.477794	0.311654
NKX2-3	0	0	0	0	0	0
PIR-FIGF	1.76E-06	6.34E-05	4.10E-06	0.666632	8.98E-05	0.78141
DDHD2	16.3815	15.9069	18.2719	14.5135	19.3571	11.8965
PCDHGB6	1.66234	0.801664	1.21676	1.08399	0.880103	1.27859
SLC41A1	27.0902	26.6572	11.7882	16.3605	20.4462	25.2217
CLEC6A	0	0.0583405	0	0	0	0
TP53I11	17.1238	20.6391	22.0113	18.22	25.24	15.3738
PLA2G2C	0	0.342131	0	0	0	0.241141
LOC10012658	1.38264	1.36571	3.84879	2.86325	4.7757	4.03517
IQSEC1	13.8557	14.8015	15.4061	14.365	14.9606	11.1889
NDFIP2	28.6783	26.5008	35.7737	25.8748	29.5687	27.0268
LOC149773	0.147139	0.303545	0.334155	0.230268	0.531044	0.611271
TSPAN32	1.03285	1.75612	0.721732	1.11904	2.88433	0.940692
MOXD2P	0	0	0	0	0	0.04463
CAPRIN2	7.9585	8.28233	10.07	8.74874	10.7417	9.01952
TMEM176A	12.5509	13.1773	20.7272	13.8896	27.4309	15.782
POLR3GL	27.573	30.9021	30.6479	23.2468	25.0435	21.4779
DDA1	9.36293	10.9389	10.9391	12.1782	13.2349	11.1036
OR8B8	0	0	0	0	0	0
MIR513B	0	0	0	0	0	0
CYBB	4.56508	2.46543	2.7408	1.26696	2.93617	1.4434
APOC3	0.289759	0	1.09675	0.272079	1.29184	0.541697
AGAP2	3.56979	3.98818	2.69392	2.02117	3.33626	2.58947
LOC10050630	2.66081	3.99215	2.38047	2.1199	3.13259	2.06007
ZUFSP	6.10119	4.33178	4.61863	3.73248	6.24096	4.95413
MIR1228	0	0	0	0	0	0

EMX2OS	2.88557	2.51661	3.65713	2.10875	4.42411	3.78347
MTRNR2L7	0	0	0	0	0	0
LOC645434	0	0.221183	0.236724	0.0587261	0.199167	0
CUL7	9.23585	10.0202	10.2547	10.163	13.2508	12.4319
LOC340357	0	0.146353	0.375927	0.777162	0.527143	0.103153
A4GNT	0.23715	0.209673	0.762976	0.11134	0.226563	0.147782
LOC10050551	0	0	0	0	0	0
OSBPL2	34.8583	33.8696	38.3394	39.6975	36.8929	37.2419
AGAP8	5.12002	6.85047	5.62416	6.2277	12.392	11.2003
C21orf37	0.979475	0	0.562797	0	0.118372	0.61773
BSN	0.158248	0.191733	0.199658	0.137586	0.164249	0.171661
MAP1LC3B	64.3983	58.6682	57.7788	56.29	50.7097	56.4653
MIR369	0	0	0	0	0	0
OR4L1	0	0	0	0	0	0
KLHDC10	12.9445	10.2779	12.7623	11.918	12.1636	11.4667
CDH3	13.4052	19.4855	11.1626	12.4592	15.1076	12.5869
KLHL38	0	0.151137	0	0.0535043	0.0725831	0.106525
NIPBL	9.43813	6.97375	9.75806	6.69538	9.09609	8.53234
NHLH1	0.590405	0.730798	0.625716	0.480463	0.401101	0.588664
MRPL9	28.7199	40.7588	31.5067	38.0774	36.8171	33.6821
UBR4	17.1395	14.8394	17.6027	17.2606	16.8807	15.808
BSX	0	0	0	0	0	0
ZNF252	5.67956	3.58232	4.36643	3.88762	4.18079	4.93953
C1orf122	103.502	156.984	83.3338	135.892	72.1855	95.222
HSPA12A	9.3997	6.60702	9.05625	7.20568	9.44429	6.4422
LCLAT1	4.59468	3.30609	3.13184	4.1275	2.69831	3.06141
LOC10028736	0	0.0261542	0	0.0277767	0	0
AGAP5	5.157	5.98443	7.93333	7.37577	7.71674	7.31963
ZNF790	2.2252	2.39032	2.3405	2.15577	3.15618	2.25589
MEGF9	19.9473	12.642	16.7314	11.3306	15.6748	15.9791
MIR92B	0	0	0	0	0	0
LOC10065291	4.86796	7.81086	6.73322	9.3676	9.37785	10.7858
LOC10013163	0	0	0	0	0	0
PDCL2	0	0	0	0	0	0.177903
ZNF271	6.13417	5.32992	4.3878	4.31535	4.48912	4.10292
HRH1	2.47515	2.46979	1.75367	1.57825	2.16966	1.31625
GPR124	19.7102	19.5154	25.304	14.4874	24.895	17.5889
MIR621	0	0	0	0	0	0
MIR516B2	0	0	0	0	0	0
SAFB	33.8239	43.8075	37.208	42.4557	44.045	40.8344
KIAA0141	19.8625	21.4447	16.7001	17.2293	19.5767	15.8966
BRD7	13.692	13.275	12.8326	12.1144	11.8613	11.451
FCGR1B	0.405928	0.402916	0.513946	0.0477419	0.270221	0

MMP11	2.29968	2.55151	3.038	4.82682	7.06494	2.19175
RIPPLY2	0	0	0	0.19278	0	0.127939
KRTAP19-7	5.52129	9.76316	0	0	0	337.182
CAPZA1	58.2803	58.2151	57.5615	53.249	63.4398	56.9472
BAIAP2	39.5545	57.6048	45.3276	58.6192	56.1484	54.2084
LOC10050668	0	0	0.0885968	0	0	0.0729318
RNF32	1.38332	1.11333	1.54247	1.37482	1.75932	1.23547
ACOT4	8.85378	10.0152	7.58944	5.31823	3.15122	4.90877
SCARNA6	0	2.66559	4.5646	0	0.960104	0
MIR17HG	3.8729	6.16553	3.01236	2.79451	4.4841	5.37517
MIR127	0	0	0	0	0	0
GREB1	1.07898	0.661225	1.29878	0.639498	6.48728	1.75769
LINC00485	0	0	0	0	0	0
DARS2	7.39182	4.68673	5.26125	4.2585	4.42654	5.35869
ZNF527	1.57823	1.39537	1.84899	1.39372	1.66334	1.34644
SNORA14B	43.7608	0	0	0	0	0
KIF1A	0.128739	0.36044	0.105578	0.110811	0.109326	0.147079
RBM41	7.26489	6.4205	7.36038	6.0847	7.74067	7.49898
IL1RAPL2	0	0.0883468	0.0504288	0.0312758	0.0212141	0.0207562
SLC26A8	0.0313608	0.110909	0.0949616	0	0.13144	0.0781712
SMARCB1	31.7974	33.6958	28.3888	38.9654	31.9053	34.438
LOC10050653	5.87444	6.52246	5.79142	8.33815	10.8764	8.17273
PACSIN3	20.2959	29.9821	19.6178	29.6031	26.163	25.4531
OGFOD2	10.4102	19.8861	10.8357	14.2475	16.1155	14.1015
NDN	14.8636	18.3302	19.0576	14.4202	16.4882	12.8511
TM6SF2	0.363742	0.385917	0.330426	0.273238	0.556006	0.317336
TMEM147	80.1193	98.7186	76.7146	94.6513	87.3984	92.452
DNASE2	23.3596	25.3842	23.1363	28.5049	25.1023	26.4842
LOC10050705	0	0	0	0	0	0
DSCR6	0.365377	0.363424	0.207444	0.514625	0.0581776	0.0853828
LIMS2	31.8092	51.9522	34.6543	37.4819	45.1863	35.1879
CILP	10.175	18.721	16.2754	6.29472	7.71026	6.35412
ZNF479	0	0	0	0	0	0
ZNF454	0.770314	0.604917	0.812179	0.870755	0.621516	0.729081
GHSR	0	0	0	0	0	0
CDH12	0.380147	0.217278	0.507515	0.335646	0.384324	0.41778
C10orf43	13.4852	17.04	15.5008	19.1881	16.6409	29.5768
GTF2IP1	45.1643	41.13	45.2341	45.1132	48.1936	49.3021
LOC641746	0.397983	0.439839	1.43106	0.840823	0.823801	1.73604
SMOC1	4.08324	6.06936	3.25048	5.12737	3.29296	3.10594
IER3IP1	43.8637	44.7727	45.064	34.4824	38.5642	35.2345
C14orf1	53.677	49.4891	47.6959	56.2853	43.4545	49.5448
SNORD23	0	394.019	0	0	283.839	0

PITX1	3.82994	4.9288	3.22143	4.55526	1.30097	1.67066
MIR603	0	0	0	0	0	0
MUDENG	21.1791	14.6975	14.78	13.7312	13.9855	13.0456
C10orf28	7.89342	7.31498	6.19669	5.16081	8.63962	6.9046
DNAJC12	0.493408	0.327183	0.504238	0.347474	0.648459	0.483132
GVINP1	0.584423	0.392317	0.26217	0.13211	0.310185	0.25628
GRIP2	1.56505	2.38157	2.32512	2.21383	1.34542	1.37126
PALB2	4.34569	4.41532	4.56197	3.26893	4.48046	4.72786
ICOSLG	10.0686	8.84805	8.8461	9.36828	12.4562	14.8112
TBX6	2.26563	4.36579	2.41872	1.85465	2.55299	2.71509
MIR3142	0	0	0	0	0	0
HDAC5	17.371	21.9828	24.011	25.3779	24.9974	27.284
SNORD114-2l	0	0	0	0	0	0
TMEM151A	0.0398533	0.0704715	0	0	0	0.0248349
MBD5	1.36746	1.32149	1.68517	0.970481	1.43807	1.2683
FGF12	0.4257	0.299406	0.200052	0.201878	0.225783	0.232003
ORM2	0.329846	0.129613	0	0	0.0466847	0.045677
ANKRD5	2.67085	1.15139	1.91192	1.24725	1.27701	1.49276
AR	2.95022	0.553519	3.52809	1.37345	2.1395	1.75979
TRUB2	23.7392	27.7184	19.2258	25.6167	24.7674	24.9842
SRSF7	55.9637	59.8296	50.3936	44.4094	55.9737	50.1829
FAM157B	0.217532	0	0.459898	0.0814773	0.150445	0.0961289
COQ2	6.1456	6.34868	7.44361	6.37806	6.8807	6.53061
MIR187	0	0	0	0	0	0
SUSD4	18.9312	22.3513	19.5171	22.9138	23.3596	26.4967
MIR1302-4	0	0	0	0	0	0
TXNDC5	47.9175	38.9609	46.5413	45.1633	33.4002	35.7321
RWDD2A	4.9965	3.87389	3.37504	3.60895	4.65105	3.54472
ZNHIT6	4.88975	4.2141	4.55396	4.57691	4.98089	4.60424
MIR4492	0	0	0	0	0	0
C11orf57	12.2043	11.2491	13.4176	10.5616	13.9536	12.0992
AFAP1L1	5.42357	7.75382	7.23288	4.44255	4.20393	4.24262
SLC38A6	5.13017	4.61752	4.50752	4.70625	4.51093	4.7806
TRIP11	7.55956	4.53869	5.36774	4.14893	5.1581	5.20014
ZAK	13.177	12.3844	13.1975	10.6126	10.7398	10.104
PMM1	49.7467	75.392	44.7195	53.7938	51.4314	54.3577
LOC10012926	0.835597	1.13056	1.991	2.19366	2.25086	1.28745
LOC349196	1.76961	2.94517	1.0771	1.30345	4.26524	3.00553
OXCT2	0.286676	0.101384	0.303821	3.55323	0.4026	10.9687
FAM71D	0	0.0517861	0.310378	0.274993	0.111915	0.0729997
SLC26A11	7.97745	8.74579	8.43713	9.73875	12.3896	9.6381
MIR639	0	0	0	0	0	0
TEPP	0.0694627	0.925943	0.272621	0.293508	0.276507	0.609614

MIR3155	0	0	0	0	0	0
FPGS	18.2973	28.0286	17.6979	17.349	17.8974	14.5498
DCTN1	38.899	38.2898	44.6338	41.4637	42.6275	44.2701
LOC221442	2.34906	2.36041	2.26217	2.05484	2.03079	1.23008
SCAND2	4.64191	5.76405	6.31793	6.93456	6.47925	5.58563
RALGAPA2	7.864	5.56229	8.59217	6.33064	9.07296	8.06556
ALG1	2.50087	2.3339	3.20642	2.68779	2.39872	2.6898
CD28	0.488049	0.545056	0.369456	0.217076	0.621683	0.272118
SNORA19	0	0	0	0	0	0
MIR4298	0	0	0	0	0	0
TIAL1	27.1254	26.8326	25.9547	24.555	31.258	27.6691
KATNB1	15.3706	17.9518	17.4965	23.6269	24.8003	25.0927
PPP1R9A	1.35633	0.677962	1.05505	0.8048	0.870332	0.612478
CA8	1.34161	0.474467	0.440096	0.755851	0.882962	0.808167
LOC1002893	0	0	0	0	0	0
TEX13A	0	0	0	0	0	0
LOC1005070	7.3183	5.30571	7.09119	5.63485	6.05938	5.0165
MIR1231	0	0	0	0	0	0
TMEM201	6.2233	8.47567	6.07221	7.42318	6.65309	6.32413
SLC35A4	56.256	58.1223	46.8762	51.9366	51.6632	49.5121
C3orf22	0	0	0	0	0	0
SLC39A3	12.7284	17.3065	16.2339	19.3256	15.227	17.0318
CTSB	142.505	125.661	146.678	152.515	150.7	214.941
COL9A1	0.361606	0.516159	0.395942	0.704308	0.477726	0.73069
IFITM3	480.183	656.103	292.537	227.003	353.052	220.523
RFX1	4.36735	6.78184	4.66548	6.30744	5.49258	6.43778
RAB9B	0.489139	0.887692	1.38368	1.01528	0.606674	0.625663
LGMN	28.4481	22.8051	27.7533	25.7247	27.281	25.3118
LOC1006530	0	0	0.0054759	0.100626	0.00460714	0.0545431
CCL3	2.05956	0.980502	0.599653	0.148761	1.21084	0
LOC1005059	0.366264	0.226679	0.277264	0.240741	0.163293	0.22824
OR8B3	0	0	0	0	0	0
C1QL3	0.607507	0.322272	0.889113	0.608469	0.928619	0.656193
LOC729461	0	0	0	0	0	0
C6orf203	23.7696	24.2088	19.4874	18.4587	17.7596	19.6854
PELP1	18.0319	22.5932	18.3147	21.1645	17.6516	18.351
LOC1005075	0	0	0.301767	0.12477	0.507782	0.165607
LOC1001304	0.655698	1.15945	0.744551	2.15492	1.46166	0.817207
LOC1001291	1.23784	2.12039	1.5445	2.16631	2.16894	1.08199
MIR181B2	0	0	0	0	0	0
LOC285033	5.15097	4.80717	3.24943	3.49316	4.92102	3.03154
C1orf100	0	0.223853	0	0.23774	0.161257	0
LOC285423	0	0	0	0	0	0



NMU	14.4218	12.7508	15.2146	14.5502	16.0254	18.0698
LOC389791	0.44407	0.578133	0.496397	0.797205	1.08148	1.0339
FANCI	6.07173	8.29446	5.54875	6.37719	6.52398	6.44472
DYNLT1	57.6248	69.2297	45.9317	57.6099	53.757	52.8079
TMEM26	0.0373564	0	0.028279	0.0350771	0.047585	0.0814762
CHL1	5.29935	3.26987	5.81546	2.83178	6.0864	4.98056
LOC286178	0	0.0363504	0	0.0772108	0.0523715	0.0768615
PRRT3	1.63926	1.44933	1.71366	1.39264	1.47493	1.70253
LRRC37A	1.93583	2.07213	2.0937	1.78682	3.57124	3.54554
LOC157627	0	0	0.0258011	0	0	0.0212392
TUBB1	0.646789	0.795617	0.702502	0.554514	0.644781	0.648387
OR1S2	0	0	0	0	0	0
ETV2	0.580158	0.833526	0.658774	1.63428	1.66278	1.35574
NAT14	4.95745	7.54461	7.1365	12.286	7.9712	8.5588
SLFN13	4.75119	4.30944	2.64039	3.86296	3.07591	2.47309
AMZ1	0.0659062	0.0582701	0.0332609	0.103142	0.111936	0.04107
FAM98C	16.3409	23.4275	17.9037	25.5661	26.416	22.7662
CTLA4	1.10352	1.08738	1.31192	0.595554	2.7046	1.24215
MKL1	10.6862	12.4448	10.7046	12.0244	13.073	13.4909
LOC1005076	0.0800176	0.353733	1.09033	0.563514	0.356746	0.149591
RFPL1-AS1	0.153784	0.0998933	0.0653268	0.0359993	0.0936587	0.0597581
TAG	0	0	0	0	0	0
SH3PXD2B	6.74784	6.00916	7.62989	8.23809	7.75613	6.89675
SMARCC2	31.6139	34.4981	34.7167	34.4771	40.782	35.9439
SWT1	2.51647	1.90439	2.5288	1.36193	2.2914	2.70956
LOC1005068	4.16302	4.00299	2.62325	3.0798	4.73101	3.98617
CRYBA1	0	0	0.119316	0.295998	0	0
PTCD3	13.6731	12.7438	12.1615	11.9882	13.4203	12.9131
LOC1005056	1.67294	1.29451	0.791614	2.3566	2.13074	2.47597
CCDC86	29.9232	37.6817	25.7655	32.5497	18.6839	22.2442
CBWD2	20.393	19.7383	17.0763	17.003	17.6711	16.7449
PDHA1	83.8853	63.2305	61.031	58.5297	46.4958	50.7691
ZRSR2	8.60581	10.2498	8.72209	9.48316	9.15025	9.61754
PTPN7	4.15362	4.49399	3.01638	1.02367	6.77964	2.04031
KLF2	25.6247	32.681	19.8345	31.46	21.4207	16.7267
CCDC41	5.39813	5.07613	3.87384	3.0473	4.9083	4.33605
MIR4633	0	0	0	0	0	0
ITM2B	499.634	427.226	481.427	415.668	402.138	386.119
GRIN1	0.798794	0.510791	0.664872	0.776431	0.800758	0.656462
SLC24A1	2.50909	1.90986	2.54091	2.32479	2.78336	2.40229
SMURF2	6.16631	5.42952	5.85404	4.10525	5.45645	5.40166
OR4K17	0	0	0	0	0	0
MIR4689	0	0	0	0	0	0

OR7C2	0	0	0	0	0	0
HDAC9	2.40838	1.72284	2.27134	1.19208	1.67129	1.25782
FCHO1	3.70814	3.99836	6.92852	3.84676	8.9056	8.00657
FLJ42875	3.83423	10.0637	4.66042	2.49385	3.80865	2.20618
ZNF284	2.22195	0.736692	2.0675	1.56478	2.9188	2.27887
LRRC67	0	0	0	0	0	0
EIF3C	63.4035	65.0158	78.1975	85.7926	87.0614	88.1944
LUZP2	0.567311	0.339781	0.332484	0.257756	0.268079	0.307908
LRRC3C	0.139086	0	0	0	0.177169	0
RGPD6	4.65243	4.58947	5.4037	5.89121	5.07922	4.91088
RAVER1	12.2366	17.0252	12.5301	16.1321	14.5086	15.5741
ME1	107.402	76.0452	70.6914	31.0464	44.5893	60.6808
FCGR2B	4.16262	2.27941	3.65993	2.29827	5.26274	2.77424
NOL6	14.7523	17.2446	13.474	15.6649	16.2152	11.6582
EEF2	823.106	1066.15	1027.35	1123.69	932.252	900.309
LOC728405	0	0	0	0.00628586	0	0.00834323
TOMM40L	13.1698	12.9281	8.38684	10.8297	12.0317	11.1743
ELAVL1	12.8388	12.0214	10.9862	12.5299	10.7217	11.1103
LOC10012800	0	0.0329583	0.0846576	0.0350029	0.0949687	0.1176
FERMT3	7.30837	9.00374	7.3993	5.10767	10.387	5.68867
ATF2	6.95815	3.7428	6.4829	5.02584	5.11348	4.27538
SLC20A2	17.5538	16.6647	15.0034	17.5623	16.9709	22.3023
ZCCHC17	30.062	31.636	26.0801	26.042	26.3479	25.1574
IP6K1	16.7867	18.3188	18.4486	21.9355	18.2353	17.2761
HIST3H3	0	0	0	0	0.66169	0.215802
UBE3C	23.114	17.4461	20.4512	16.1033	17.6681	17.3331
BIVM	10.4321	11.9261	10.1616	9.88177	11.9557	10.2896
C10orf71	0	0.100547	0.0550998	0	0	0.0832599
ZNF626	8.73088	5.86336	6.15446	5.3197	4.56814	4.5393
MIR378B	0	0	0	0	0	0
MAPKAPK3	43.0816	38.0901	42.6181	45.8366	50.8833	48.5102
LOC10050684	0.669529	0.617942	1.02333	0.963814	0.533532	0.165519
CLRN1	0	0.171201	0	0	0	0
TMEM45B	14.7741	9.25421	12.8319	11.5678	14.8963	11.7464
JAK3	3.64064	4.26572	2.35463	1.5599	5.2228	2.00438
TSEN34	16.4149	21.6716	17.0917	22.9833	21.7494	20.6242
XAGE1C	0.068236	0.0603299	0	0	0	0.0425217
CNTD1	1.86429	2.38358	1.89398	2.97276	2.26673	1.83695
GTF2H5	4.23865	4.51052	4.20779	4.1111	3.51597	3.37681
CISH	17.3899	23.3237	17.1106	12.5191	21.3451	16.6887
HIST1H3D	1.21646	0.895203	0.77442	1.37813	0.651558	0.545277
C1orf123	36.5737	47.6139	32.0201	39.1202	34.2791	32.4362
SAMD10	8.3998	11.1191	8.66772	10.2667	10.919	9.35759

ENO3	4.21979	8.95523	6.15558	7.39546	8.08383	6.01477
TARBP1	14.5179	14.551	18.3564	16.1529	18.8877	13.0089
RPL28	790.571	1362.34	967.679	1747.18	1152.45	1116.1
CAPN9	0.229178	0.0718999	0.0325288	0.0403484	0.171053	0.10711
SNORA46	0	0	0	0	0	27.2699
ROBO1	8.46203	9.03701	11.1391	7.11528	10.6472	8.08347
ARHGEF11	9.73582	9.60464	9.92826	8.40754	10.1078	9.81088
NKX1-2	0	0.323559	0.277034	0.343631	0.233082	0.228051
GOLGA8F	0	0	0.0526787	0.0403348	0.00273588	0
LOC10050633	0.431491	0.624778	1.24736	1.14182	0.633379	0.619708
PCDH9	0.344262	0.580106	0.662081	0.235609	0.338402	0.156362
ADAM21	0.0376731	0.133233	0.114075	0.0707489	0.0539869	0.0234763
LOC10050689	0	0	0	0	0	0
LOC10050630	0	0.317172	0.135782	0	0	0.111774
PRAP1	0	1.54271	0.587054	0.728178	1.26435	0.107389
RPL19	496.014	874.236	705.028	1104.97	736.264	593.464
RBM24	0.931462	0.786289	1.91925	1.89306	0.812814	0.423066
ZNF136	3.88409	3.7833	5.40712	4.4507	4.67506	4.18442
RPS27L	47.972	54.1433	49.0093	42.7528	43.5998	39.6825
LOC10012888	3.14014	5.04043	4.45959	3.91941	5.06785	5.23126
WASH1	20.2206	32.8607	17.3228	22.5705	38.025	38.0644
LOC10028684	0.646458	0.810812	0.962257	0.632499	0.586815	0.945652
CCNJ	3.36178	3.06232	2.87592	2.7403	3.01932	3.06173
RASIP1	8.15949	12.552	8.16783	10.5242	9.59414	9.03317
LINC00032	0	0.0302347	0.0258872	0.0321103	0.0217801	0.06393
KIF3C	1.59209	1.62659	1.13827	1.24579	1.57736	1.87402
MICAL1	13.5657	19.9761	18.4796	17.9944	27.2781	26.5106
SNORD1B	0	0	0	0	0	0
LOC10050629	0.0886881	0	0.0223791	0.0832767	0.0376573	0.0921111
MFF	23.2693	22.3141	22.9681	23.2	20.6001	19.4726
ZIC3	0.371646	0.0438115	0.356362	0.162853	0.331385	0.0463189
KIAA0368	23.5183	20.5433	22.9236	18.6784	20.2695	18.9826
LOC10050571	0.326822	0.371514	0.95428	0.306881	0.713673	0.785552
LOC10050653	0	0	0	0	0	0
LOC10050686	0	0	0	0	0	0
ZNF461	2.78932	2.02772	2.62768	2.50272	2.58584	2.00857
NAA35	9.86086	7.64943	8.09393	7.94658	8.42211	7.03952
KCNAB3	1.98668	3.22024	2.15563	4.10401	3.79598	3.5077
YBX2	7.01297	10.4334	8.57584	13.4234	9.31978	9.62285
HINT2	52.5238	73.1076	60.6791	70.3143	49.5745	47.0585
GK2	0.111754	0	0	0	0	0
PABPC1L2A	0	0	0	0	0.0599582	0.0916624
YBX1	196.137	232.543	196.587	236.166	193.384	178.931

RPS4Y2	0	0	0	0	0	0
LOC10050676	0	0	0	0	0	0
GPR176	1.34793	0.909499	1.50374	0.832689	1.7396	0.685242
MIR1236	0	0	0	0	0	0
C12orf70	1.39623	0.462921	0.396357	0.327759	0.500211	0.271897
GALNT11	28.9261	30.7156	33.013	26.8156	29.088	27.7722
KIR2DS4	0.0683818	0.0604589	0	0	0.0435527	0
ZIK1	1.98694	2.22077	1.61764	1.61929	2.1967	2.35954
LOC653125	0.592524	0.318422	0.738815	0.638023	0.680492	0.552672
ALX3	3.87092	3.42243	3.4832	3.90906	4.37262	4.23272
HIST1H4G	0	0	0	0	0	0
TMEM175	20.1024	33.3825	23.0168	30.0603	30.9742	28.4914
RNF121	10.2498	11.1986	10.8956	12.101	10.9925	10.8976
ATP5D	163.044	283.691	170.202	290.472	173.034	210.662
NOC2L	27.3896	32.7344	26.0157	32.2833	29.147	28.9678
MIR31	0	0	0	0	0	0
LOC10050741	0	0	0	0	0	0
LDB1	67.0156	105.43	91.3986	102.055	124	101.08
CHTOP	35.5176	39.9634	32.9372	39.4907	39.4295	36.0167
TDH	0.323087	0.357066	0.244578	0.151687	0.102888	0.755002
LOC389023	0.71608	1.26622	1.49071	2.35336	1.71028	1.22713
BRP44L	102.468	95.071	92.2416	89.4924	71.3169	68.5466
KIAA1407	3.75351	5.59609	6.12858	5.8511	7.85939	5.80934
RINL	5.41283	6.48338	3.87353	4.50386	4.69119	4.18376
SNORD115-20	0	0	0	0	0	0
LOC10028929	0	0	0	0	0	0
SAGE1	0	0	0	0	0	0
MMAA	2.96403	2.33576	2.8779	2.17814	2.42132	1.95748
WFDC10A	0	0	0	0	0	0
ZNF324	4.43586	5.05788	5.81271	4.59607	4.83205	5.26152
MFN1	19.7154	16.2707	20.0405	13.6877	19.2622	18.2721
SNORD116-21	0	0	0	0	0	0
GPR4	1.49811	1.43971	0.862883	0.978572	0.954152	0.588546
NIF3L1	17.6286	17.0657	15.0581	14.9597	17.6914	15.6226
LARP1	36.6745	29.6752	37.1157	32.7116	32.8581	31.3195
LOC401109	7.54947	9.70875	5.15215	6.17588	5.9011	7.23497
LOC10050704	0.0928215	0	0	0	0	0
LOC642852	2.44291	2.65288	2.69354	2.24398	3.00187	3.10254
PRO1768	0	0	0	0	0	0
GRAP	1.75717	2.20365	3.1917	1.95678	3.89937	2.99141
SMPD5	0	0.138229	0.236705	0.440411	0.199152	0.340992
CCDC113	2.16763	1.68319	2.29294	1.97043	2.2411	2.12599
PDXK	35.3589	35.463	37.6354	32.6573	31.1642	23.7192

GRIA4	1.59721	1.05364	1.64703	1.74758	1.19503	1.01216
PAN3-AS1	2.06619	2.73926	1.7925	1.11036	2.22001	2.50429
PKD1P1	31.0312	38.0066	38.5749	33.0459	46.4119	39.6069
LOC10050706	0	0	2.23E-09	0	3.08E-10	0
KREMEN2	2.72485	7.05397	7.50746	4.72342	7.95538	5.38797
TMTC3	6.95876	5.76723	8.72638	5.35628	9.32669	6.95305
LRRC10	0	0	0	0	0	0
MYBPHL	0	0.0704877	0.120704	0	0	0.0496812
FBXL19-AS1	0.345756	0.262025	0.635652	0.18552	0.566264	0.615601
MIR487B	0	0	0	0	0	0
NPDC1	43.348	78.1419	56.3398	77.25	69.536	69.6111
MAOA	32.2866	32.8593	31.52	20.9746	19.3297	14.6948
LOC728093	0.409378	0.281634	0.431447	0.212211	0.792334	0.402121
H2AFY2	9.97196	9.51987	9.18442	11.797	11.9504	10.5806
DMRT2	2.45077	7.17157	3.2649	1.60072	2.028	1.05478
AGAP4	7.05128	10.1385	7.45879	8.57131	8.47475	7.14455
OR13C8	0	0	0	0	0	0
C14orf177	0	0	0	0	0	0
KLK9	11.8416	9.13588	5.88094	7.29467	10.9046	7.94319
GALNT4	1.40763	0.370543	1.40503	0.656756	0.967707	1.20851
ZNF37A	4.73122	3.73131	4.7471	4.22142	5.30634	5.20423
ELMO1	3.67912	3.32715	3.64098	2.58141	3.64564	2.75354
MRC2	27.3711	31.8515	44.1286	42.9002	38.6286	56.0443
CHD8	11.5546	10.0348	13.1788	10.5027	12.4574	11.2461
LOC10012963	0.108888	0	0	0	0	0
NFE2L2	69.1384	61.4015	74.1775	57.2646	65.5542	62.6481
NOL3	35.75	58.8118	55.2801	67.4486	72.9393	70.0877
CSRNP3	0.414773	0.232861	0.772638	0.415542	0.707006	0.586655
C7	3.71792	4.66217	7.56049	2.21329	7.22771	3.74028
SLC14A2	0.106359	0	0.184033	0.0249672	0.138304	0.104753
TTC1	48.0561	44.1986	36.5544	39.0201	33.1208	38.048
CENPL	2.00379	1.85865	1.6225	2.02259	0.969827	1.39837
MKKS	24.8149	26.7918	21.2235	19.6414	18.5509	18.6356
FAM105A	1.1475	1.07423	1.52272	0.887342	1.59068	0.98428
KRTAP5-6	0.532684	0	0	5.00511	0.169635	36.4589
MYLK	135.536	107.315	92.6198	109.815	79.1308	77.1207
ZNF434	6.72623	7.07823	5.88658	4.9602	6.89611	6.13387
DAAM2	7.59619	8.17153	8.52411	5.47336	8.20511	6.28027
LOC10050633	1.17058	0.73847	4.58119	5.67858	2.44332	2.13115
PCDH12	2.61931	2.06946	2.02502	1.2908	1.41979	1.57436
CAV1	153.106	147.995	193.766	139.116	104.43	84.9356
FBXO22	9.98997	7.8386	10.0198	6.13195	6.94557	5.96811
FOXF2	0.280701	0.330904	0.354154	0.307503	0.327764	0.262382

CCDC96	1.09489	2.06234	1.18921	1.92208	1.81916	1.6019
MIR3184	0	0	0	0	0	0
SP6	6.96063	4.55863	6.92806	13.2413	7.52012	16.4667
PTPN4	2.62348	2.73528	3.01646	2.62609	2.33297	1.92788
LOC10033501	0.0313079	0.166083	0.0474005	0.146988	0.0398803	0.175588
SCN7A	2.85912	1.931	1.94393	1.77735	2.80736	1.87242
C2orf27B	1.08202	1.39697	0.503253	0.704698	1.37609	1.2946
LOC10050611	0.152915	0.270395	0.463029	0.143584	0	0.28587
BTN1A1	0	0.0309339	0.0529718	0	0.0222839	0
AURKAPS1	0.837335	0.370159	0.319575	0.589683	0.756207	1.56568
CCDC111	3.66204	3.55663	5.26892	3.27345	5.29406	4.36932
TMX4	19.5831	11.3659	10.8345	8.81185	9.60688	9.02566
LOC339926	5.98E-16	0.000278546	1.12E-14	2.36E-23	4.05E-22	0.0445418
RFC4	10.7677	12.1904	9.41244	9.85175	10.9342	9.67286
CCNE1	2.82302	3.15524	2.41929	2.60075	2.51041	1.99153
LINC00113	0.596372	0	0.225728	0.559984	0	0
HTATSF1	35.0814	25.8264	29.0952	20.652	26.5241	25.1185
MMP13	0	0	0.0278924	0.0345976	0.0469345	0.0459214
AKR7L	1.03511	0.735168	1.40111	1.11187	2.2569	1.06731
CABYR	2.45116	2.42281	1.82241	2.4829	2.49305	2.31655
LOC10012890	0.166322	0.196068	0.251813	0.156173	0.141242	0.138193
RGS3	15.4389	21.7817	17.7006	16.9536	19.278	18.7035
SNAI3	1.0469	1.52452	0.932362	0.751722	1.64733	1.03614
NANP	2.28995	1.79714	1.83089	1.78783	1.90094	1.26666
FBXO9	27.2703	24.7454	23.7044	20.5245	25.4076	23.1896
POLR2I	27.0275	42.2613	27.8811	41.2068	30.9729	35.4155
CRYBB3	0.867192	0.383358	0.656469	0.678566	0.368213	0.990728
PRG4	0.729268	0.355233	1.04184	0.164973	0.388876	0.310965
KLF11	9.65328	11.6914	12.5226	12.0625	12.3452	9.80673
TFDP3	0.062969	0.16702	0	0	0.0401053	0.0392396
VSTM2A	0.43062	0.0761453	0	0	0	0.0536688
TUFM	92.554	105.694	87.4858	104.783	81.0775	87.9694
SNORD93	0	0	0	0	0	0
LOC10065278	0	0	0	0	0	0
LOC10012810	2.62589	6.0316	3.23143	2.90019	6.0352	3.53597
SBK1	1.15893	1.09296	1.22824	2.3578	1.34093	1.70919
C19orf56	131.802	166.498	127.4	184.838	136.965	138.011
LRRC14	9.20275	13.3828	10.6851	14.5191	13.6367	13.2639
GPR12	8.10222	3.80174	5.8923	11.608	3.05563	2.97727
LOC643923	0.365477	0	0	0.114392	0.853506	0.303666
LRRC56	2.60611	5.39641	1.9144	2.47858	5.53933	4.99256
OR2L8	0	0	0	0	0	0
DPEP1	0.463496	0.801566	0.49341	1.33285	3.89443	1.48338

ZFP64	6.79044	6.49477	6.83448	6.02252	6.64674	7.18586
LOC10028871	42.4219	76.8151	40.7993	58.0652	72.7382	70.6686
LOC10050664	0	0	0	0	0	0.069661
GOLGB1	17.025	13.9964	17.6892	13.6167	16.999	14.4725
MIR30D	0	0	0	0	0	0
KIAA1958	0.523364	0.165259	0.537685	0.526532	0.404762	0.351225
OLFML2A	23.0425	15.9887	20.9541	21.8557	22.0324	17.7581
ANKRD57	16.4418	13.8017	15.7194	18.1125	15.4629	14.5462
S1PR3	6.76591	4.7819	4.12914	4.14431	4.03181	6.05602
C10orf105	0.817902	0.659766	0.846141	0.370913	0.932707	0.621381
FCRL2	0	0	0.0588391	0	0.0495042	0.0242178
UQCC	24.7486	23.7445	21.4561	26.62	21.315	18.1772
ZNF503-AS1	2.3062	1.52107	1.22857	2.1841	1.3509	1.39886
LOC10050615	24.9144	24.1276	15.1508	17.8149	22.2005	16.8586
SNORA43	0	2.90966	0	82.0571	81.5038	96.3336
OR3A1	0	0	0	0	0	0
LOC10050721	0	0	0	0	0	0
FLJ44838	0	0	0	0	0	0
ZFAND2B	26.9066	40.7379	32.6025	45.2023	39.0372	33.3734
EFR3B	1.61793	0.754659	0.8776	1.30389	0.527406	1.14319
ADRBK1	43.7755	62.35	52.2526	59.8322	69.1197	54.4512
OTUD1	9.51931	10.1897	11.0382	9.80543	12.5922	11.3482
C15orf32	0	0	0	0	0	0
CORO7	6.92441	10.2729	7.36129	8.8635	11.3687	8.0594
TIMP3	113.652	82.2552	111.113	116.271	70.4357	83.387
GPR64	2.10116	1.91161	2.10334	1.58977	0.870531	1.45881
SGCA	2.46755	5.66844	7.29102	6.62886	3.98837	4.11936
LOC339535	5.88806	5.45375	6.63287	7.10845	6.07165	4.28072
MGC21881	2.02771	2.70665	2.41595	2.50228	4.33799	3.91228
MIR1266	0	0	0	0	0	0
EPB41L4A	5.97738	6.17471	7.61927	6.96279	7.03842	6.45129
LINC00327	0.591384	1.17645	0.969976	0.601576	0.847476	0.767762
OR1F1	0	0	0	0	0	0
SPAG5-AS1	1.68788	1.80988	1.15409	1.31215	1.45523	0.990431
TEKT2	0.0712872	0.126055	0.161894	0.334688	1.22589	1.59923
GUCY2C	0.0762748	0.337187	0.134728	0	0.0971597	0.269344
LOC10050691	0.243068	0	9.50E-120	1.69E-117	0.317909	0
CEACAM5	2.87993	1.22918	1.46337	3.04594	1.29323	1.66477
SLC39A9	23.6459	18.6882	20.0686	18.4441	18.1765	17.895
LOC728052	1.73311	5.36308	3.27994	3.25473	4.04738	2.52001
XPA	15.5237	17.897	14.4649	14.3955	17.7701	14.1758
HIGD2B	0	0	0.0774052	0	0	0
LCE5A	7.78574	5.26398	36.4033	59.7756	59.8943	41.4777

PMEPA1	25.7916	17.1303	33.8985	23.1092	20.1713	16.2462
C2CD2L	8.66922	9.51579	9.66539	9.96766	13.9727	11.8152
MIR889	0	0	0	0	0	0
PPIF	103.081	90.549	75.0438	83.3567	66.0178	72.9298
LOC1005060	0.792138	1.54079	1.31924	0.595044	0.807228	1.67833
SLC6A13	0.302917	0.662819	0.139053	0.199942	0.195554	0.188765
LOC1001924	0	0	0	0	0	0
DDX39A	28.405	43.485	26.8608	42.8188	33.2708	29.7471
LOC1005070	1.51754	2.18028	0.574391	0.534353	1.69142	1.65491
FAM27E1	0	1.11946	0.539151	0	1.06473	0.147941
ZNF425	2.11856	2.49746	1.55727	2.24876	2.83553	2.44906
ARTN	0.591169	0.778304	0.447518	1.31828	0.794254	0.878061
MIR3196	0	0	0	0	0	0
AIFM1	33.8153	26.8796	23.847	20.3861	19.9979	20.503
PPIAL4B	0.10784	0.543827	0.237566	0.0506301	0.224508	0.137203
MIR3616	0	0	0	0	0	0
OR6C2	0	0	0	0	0	0
SIAE	14.185	11.5991	13.7718	11.8496	11.3408	9.65092
C12orf10	22.1366	34.903	29.186	40.1861	29.4903	28.9686
SLPI	106.124	88.7216	175.428	235.677	161.237	194.047
ZNF542	4.93433	5.15878	4.67438	4.93219	5.31134	5.00479
KRBA1	3.68683	5.23261	3.01129	4.98783	5.49964	5.92506
ZC3H14	19.0563	15.8046	17.0397	14.1472	16.99	16.6083
VEGFB	130.329	199.784	178.067	189.096	149.534	138.902
TMEM211	6.31037	3.6265	5.49353	4.14774	2.41147	6.29177
KAZALD1	1.9664	1.20635	3.09867	0.75364	2.19811	1.70052
MAGEC3	0	0.218663	0.0468055	0.261257	0.11298	0.205491
RNF19A	27.0018	24.2914	26.9764	19.6676	26.9892	20.0908
CACNA2D3	0.32	0.660155	0.62579	1.2019	0.645397	0.747788
LYZL1	0	0	0	0	0	0
NPR1	11.7136	15.9662	14.7964	7.44173	8.77791	7.34292
MIR3148	0	0	0	0	0	0
SMARCD3	17.9183	30.665	19.6238	26.1301	29.8585	19.6182
MYOF	31.2459	29.6778	30.8153	25.0623	32.8901	25.0941
PPP2R2A	22.095	19.3239	19.6141	20.3349	18.8573	20.039
C11orf93	1.92333	2.65276	1.98012	1.25115	1.18912	1.03242
FOXF1	0.47172	0.695109	0.208305	0.369115	0.400588	0.367445
LOC1006529	0.736996	0.0930864	0.239104	0	0.60351	0.196828
MKL2	13.0317	10.9307	14.1297	10.7751	12.3627	9.13162
WDR69	0.0634452	0	0.240142	0.119148	0.0404086	0.0790727
LOC1005063	0	0	0	0	0	0
PGM2L1	1.01339	0.679363	0.691268	0.491462	0.638339	0.61762
NLK	6.13073	5.81283	4.66199	5.05335	5.60085	5.22065



CHMP2A	150.596	151.644	135.406	164.986	121.379	133.44
ANO6	20.8902	16.0482	22.2855	13.067	14.0571	12.565
CEP350	6.15358	3.98033	5.84001	3.84117	5.18867	4.81611
UNCX	0	0	0	0	0	0
UGT1A3	3.44E-08	2.87E-08	2.44E-08	2.39E-08	2.44E-08	2.13E-08
HESX1	1.25161	1.78757	1.23901	0.813628	2.14619	1.91988
SMYD2	21.5877	24.6164	23.9429	23.0989	20.1044	20.8827
SHC2	5.95096	12.2409	10.7873	9.3511	13.313	8.42585
TCEAL5	0.581916	0.603815	0.299794	0.731799	0.681024	0.847288
THOP1	15.4887	22.5674	16.6005	23.0769	19.3019	24.7453
FAM161B	2.79746	1.76393	1.61611	1.46583	1.49809	1.68354
APBB1IP	7.80906	7.98202	11.9095	5.11492	5.60444	3.39452
MRPS34	71.3139	102.855	72.6494	106.964	81.2246	85.3789
UBE2MP1	38.5698	37.1613	33.9702	40.9756	30.5492	30.1979
PTPRH	0.181396	0.259814	0.15819	0.122636	0.187162	0.0180861
ZNF707	7.91579	9.67163	7.2009	9.07686	10.4386	9.88502
C4orf3	95.0755	88.1943	91.6427	90.2978	90.0249	85.5619
GATA5	0.116295	0.37701	0.0586908	0.109199	0	0
FGD2	5.37934	5.79376	5.84914	3.30618	7.3506	3.57565
EPHB1	1.73703	1.02385	1.90979	1.68929	2.66044	1.4948
ARHGAP10	11.0743	10.3367	10.0058	9.33125	9.53534	8.92476
TRO	3.41891	4.4532	4.43109	3.42498	5.32206	4.68086
PRDX4	39.1861	37.995	41.0353	39.6161	35.1905	27.1866
FAM27C	0.671699	0.501081	0.335676	0.41637	0.684494	0.640942
SLC30A2	0.453992	0.35328	0.661623	0.335136	1.02957	0.680804
MFAP3	9.09208	7.7586	9.07026	7.40829	8.27503	7.50597
SPINLW1	0.0572041	0	0	0	0	0
LINC00284	0.196383	0.0347259	0	0.0368801	0.100062	0
GNG12	57.6845	47.3052	69.9479	46.3148	54.1845	47.5996
OLFML2B	6.95507	7.28491	5.90537	4.03021	4.48959	4.45124
TRIM59	2.01622	2.02772	2.1368	2.12985	3.04984	3.43946
GRID2	0.0300831	0	0	0	0.0191601	0
SNAPC4	4.99315	8.53495	6.88246	7.6774	9.58467	7.53897
PPA2	52.0778	40.4906	38.5994	40.3399	41.0903	39.2785
C1orf198	20.54	20.954	24.9691	23.242	24.5349	21.5047
ZNF57	3.97311	4.69871	5.58543	5.57157	4.37067	4.82298
LOC10028879	0.653738	0.577994	1.15473	0.409233	1.3879	0.67897
COL3A1	120.101	93.6585	312.233	86.9201	141.967	133.845
RBM27	6.31482	3.90693	5.76292	4.32731	5.2759	5.06205
PTPN14	9.17316	10.158	12.6843	10.6506	11.3383	11.0284
NDUFV2	54.2994	51.5431	44.9128	44.2042	37.7873	36.0071
LOC10050731	1.56809	2.76263	3.62025	2.33012	2.83857	2.13561
RPL18A	416.489	743.14	613.256	1063.49	642.549	623.406

REG3G	1.06396	1.24614	0.447456	0	0	0.0920849
LOC10050707	0	0	0	0	0.111425	0
C10orf92	0.0312867	0.0276617	0.0947367	0.0293777	0.17934	0.0779861
GPR89C	8.74328	10.7019	8.23473	8.89228	9.32932	7.58552
MIR320E	0	0	0	0	0	0
LOC10050659	0	0	0.0993019	0	0.167095	0.0817441
SNORD109A	0	0	0	0	0	0
PKP3	92.9974	126.447	102.745	154.196	133.699	160.292
TNFSF12-TNF	1.0939	1.34E-07	3.06E-14	2.64E-07	0.327828	4.68E-05
NROB1	0	0.297662	0.203889	0.189677	0.0428854	0.0839193
MIR1193	0	0	0	0	0	0
FKBP3	57.0842	58.7642	48.9696	51.9135	47.9372	53.4758
PSD	0.767351	0.801797	1.02096	0.938873	1.3329	1.56495
RNF183	0.185398	0.409794	0.140348	0.348172	1.23985	1.09756
PSMG4	14.2034	19.774	15.8367	16.6693	17.2327	14.3166
GLIS2	7.98411	6.9188	9.16608	7.94379	8.23386	7.38066
TIAM1	9.09118	6.99807	9.57288	8.83426	12.0097	14.3278
GOLGA2P2Y	0	0.192544	0.0412144	0	0.0693513	0.152672
KIAA1244	4.04537	0.673058	1.40974	1.27603	1.00577	1.24673
EPHA4	6.92077	6.55788	12.0271	8.56106	13.7507	11.2319
SSX3	0	0	0	0	0	0
ODF2L	10.3768	9.68381	9.87432	8.0343	12.4065	10.0197
PPIP5K1	13.1006	11.7299	14.1955	14.2693	16.4757	14.1617
FRA10AC1	9.28851	8.88402	9.35632	8.0485	9.36453	8.52223
SLC27A1	16.3376	25.7801	19.8721	21.9971	21.7811	19.361
HEATR2	8.74696	8.0205	7.6322	8.24077	7.39487	8.01741
EBPL	46.4538	46.4859	24.064	37.2638	37.644	37.1327
OR8K5	0	0	0	0	0	0
CAP1	81.2868	70.5323	70.6904	69.841	68.2626	72.3426
LOC10013167	1.29499	1.37393	1.05874	2.09147	1.38564	1.58168
RAB1B	122.21	138.239	116.355	142.434	125.72	124.791
LOC148709	0.131422	0.154927	0.0331625	0.082269	0.111605	0.846268
SLC26A4	1.01761	0.397947	0.518496	0.328001	1.55502	1.60554
LOC10013224	0	0	0.451421	0.321378	1.27019	0.343958
CNTNAP4	0.022466	0.201114	0.0907039	0	0.103023	0
CCDC104	29.782	28.137	24.1555	21.7327	23.9001	22.7479
ATXN8OS	0	0	0	0	0	0
ULK3	49.2695	62.6438	60.3471	64.1147	78.4946	66.0618
C8orf4	11.4603	5.99881	5.48153	5.78204	3.84928	3.51748
UNC5D	0.0130421	0.0807171	0.0691106	0.0489853	0.041533	0.0731456
HEBP1	41.107	34.4573	39.4773	44.6108	36.051	32.4972
ZC3H7B	24.1574	24.1148	25.5033	21.0281	27.0294	22.6723
TNN	1.54008	1.19144	2.47745	2.62716	4.52025	5.20845

PCDHGB5	1.63464	0.898019	2.31529	0.951027	2.16842	2.72843
SUSD1	2.12329	1.90661	1.75803	1.12148	2.11302	2.08809
SNORD115-2	0	0	0	0	0	0
LOC1006528	0	0	0.335253	0	0	0
DTNB	6.35929	6.78489	4.79137	8.22818	5.67905	6.21509
C10orf62	0.179624	0.158812	0	0	0	0.0559671
LOC1001298	0	0	0.351271	0.872743	0.737977	0.579485
REXO1L2P	0	0	0	0	0	0
NCF1	2.20932	2.82651	1.53714	0.760179	2.10288	1.00446
TTLL3	11.1247	16.8354	17.2122	18.5274	27.8251	19.9547
TMUB1	23.9507	46.4475	28.7836	51.3037	40.7224	41.3729
RASGRF1	0.327792	0.213428	0.105672	0.0842981	0.190561	0.110447
KIAA0087	0.0674313	0.0794913	0.0850764	0.0422113	0.186105	0.140068
TNIK	0.825412	0.875173	1.17229	0.440781	1.21818	1.36764
ARPM1	1.03078	0.683514	1.09243	0.290366	0.393906	0.513871
HIST1H2AJ	0	0	0	0.193009	0.130916	0.256181
MCAM	84.3322	104.684	96.4433	68.7914	51.8641	46.8709
GOLGA6L9	6.78931	7.30412	11.2395	11.2457	10.4386	10.0649
FBXO41	1.80064	1.81076	1.82093	1.98763	2.87147	2.14995
LOC1001281	0.201761	0.0445962	0.152735	0.426264	0.192754	0.440052
SNORD36B	0	0	0	0	0	0
LOC1002886	0	0	0	0	0	0
LOC1006528	0	0	0	0.107442	0	0.071304
RAB4B-EGLN	1.57E-07	1.74E-08	0.434812	1.20E-09	0.436664	1.43E-08
NUDCD1	4.4432	2.81543	3.53252	2.24847	2.71985	2.55347
RBM3	97.9795	135.59	115.315	115.649	102.431	86.2265
CBWD7	12.459	15.0129	9.9452	11.7802	12.8953	11.1843
CYTL1	2.112	3.7346	2.66466	2.75436	6.35208	4.02145
NUDT5	23.9738	20.2216	22.623	22.5184	21.2757	23.8453
HOXD4	3.15129	5.27114	4.2553	2.63912	5.91274	3.66213
DCAF13	10.959	10.1405	8.47551	9.12787	8.65979	9.5892
LOC1005060	0	0	0	0	0	0
SNORD14A	0	0	0	0	0	0
MIR548X	0	0	0	0	0	0
POLI	8.16437	7.67917	7.08902	4.55228	8.70008	7.23298
HAL	22.5928	10.0433	14.4833	9.83677	19.9764	20.1154
FEZ2	24.1749	22.2619	22.0992	17.7202	19.6406	17.8446
LOC1001320	0.853511	3.39579	2.26139	1.80322	2.71803	2.74874
TBX10	0	0	0	0	0	0.0431239
LOC255025	0	0	0	0	0	0
REREP3	0.156546	0.138408	0.829545	0.734972	0.299116	0
NRIP2	3.70921	3.47049	2.83516	3.65196	3.0505	2.76024
CLDN20	0.278377	0.410206	0.772688	0.958436	0.7683	0.983012

C16orf78	0	0	0	0	0.0774891	0
MPP4	0.0822646	0.0727332	0.155687	0.463471	0.0261974	0.256319
WTIP	7.18956	10.4985	7.33857	11.324	7.62189	6.33006
LARS	25.3672	21.7767	24.539	25.6143	22.0662	22.9672
FLJ31485	1.67854	2.28498	2.17828	2.20157	2.40966	2.19161
LEFTY1	0.196134	0.115606	0.299424	0.19184	0.334604	0.203704
LOC10050721	2.2475	0.99355	0.425343	0.527592	1.25252	2.27589
GAGE12G	0	0.0333516	0	0	0	0
MBD3L4	0	0	0	0	0	0
IKBKB	24.9751	30.791	26.4622	24.982	30.9409	24.6397
DPP4	4.03122	2.70078	4.70068	2.32758	2.2964	1.99718
BTNL3	0.08293	0.0824866	0	0	0.0792279	0.103357
MIR424	0	0	0	0	0	0
PCDH10	0.181371	0.0877172	0.284392	0.0841008	0.126767	0.12403
MSH5-C6orf2	3.04745	6.37026	3.86633	4.99282	7.52741	4.45924
LOC644172	1.52527	1.07066	1.18858	1.34799	1.2285	1.03431
LOC400682	2.81213	2.38692	1.23479	1.50523	0.0358212	0.035048
RBPJL	0	0	0	0	0	0
ZNF783	6.28908	8.38871	6.90794	8.07132	9.95613	6.82112
NAA40	11.397	13.0447	11.548	10.7016	13.7298	11.8001
TMEM206	3.90847	2.47542	2.43918	2.62899	1.7496	1.4487
DKFZp779M0	0.212395	1.12672	0.321569	0.398872	0	0
LDOC1	33.147	28.3972	27.6676	28.0046	25.6966	29.5787
SYNGR2	92.3746	124.521	92.2144	119.829	117.244	97.5853
EXOG	2.82039	3.93026	2.69311	3.20836	3.55462	3.05914
LOC10050570	0	0	0	0	0	0.072381
LOC732265	0	0	0.0449559	0	0	0
CPN2	0.0655981	0.0289988	0.0496581	0.246382	0.125339	0.102195
ADAMTS13	1.17927	2.82194	2.00407	3.43795	3.89396	3.57225
HSDL2	39.1271	27.8161	35.6187	26.5202	32.4138	29.4871
MIR582	0	0	0	0	0	0
ZBTB42	4.63759	4.17178	3.83725	4.86097	4.00124	4.43573
C5orf55	2.1918	5.18659	2.5864	2.66337	2.42241	1.76755
CLUL1	0.727059	0.247156	0.211651	0.157477	0.408572	0.557095
C4orf43	11.1593	9.05212	10.334	7.78249	10.1091	8.0005
CPXM1	5.82698	9.81839	9.78101	4.83709	10.7302	7.05176
LCE1B	56.3975	37.5959	146.593	165.149	152.516	139.085
TAT	1.20433	0	0	0	0	0
LOC10050676	4.12653	3.70726	3.92995	3.24979	3.94231	3.31804
SCARB2	65.4416	44.1528	58.8943	52.2462	46.0344	46.1688
LOC728724	0	0.173873	0	0	0.0626266	0
FLT1	6.66585	5.6956	6.67347	5.02057	4.9271	4.23599
LOC10050741	0	0	0	0.292007	0.0990332	0.290687

RRNAD1	13.5685	19.7855	14.9805	18.2354	19.7758	17.8109
MCCD1	0	0	0	0	0	0
TNFAIP8L1	2.99976	5.41287	5.04175	5.96505	6.10914	5.58692
SYT1	0.37538	0.196896	0.168584	0.265544	0.167424	0.138776
LOC1005060	0.567017	1.33686	0.85847	0.177473	1.08341	0.942243
MUTED	5.24635	6.57602	6.70748	5.17383	6.31954	5.6657
LOC1001320	7.74635	12.6934	11.0582	13.355	10.4446	8.39946
OR4F16	0	0	0.267843	0.18688	0.0473234	0.0198437
HUS1	5.61481	5.61657	5.50457	4.17065	5.17722	4.20282
CAPSL	0	0	0	0	0.310362	0
RAB35	26.642	29.7464	24.0476	25.2602	28.9911	27.6083
LOC1002896	0.820447	1.19899	0.923925	1.02324	1.29711	0.760564
LOC1001299	0	0	0.181805	0	0.382404	0.0748299
KSR1	3.73305	3.03343	4.19809	2.39088	4.86519	4.45086
PPHLN1	24.2662	19.482	20.5432	18.4356	23.1325	19.3872
ZBTB7C	27.0087	21.508	21.2756	25.974	22.5943	25.1879
LMOD2	0	0	0	0.0895838	0	0.0297262
TMEM89	0.347609	0.307334	0	0	0.221394	0
LOC1001285	0	0	0.0887093	0	0.149271	0
AMTN	0.354253	0.208805	0.0893904	0.221758	2.33146	0.662266
MIR100HG	10.2337	9.19023	12.132	7.3127	14.7575	9.10454
GLA	11.0416	11.4571	8.59071	10.4399	9.37659	8.50524
MIR520G	0	0	0	0	0	0
LOC441736	0.0529892	0.0936994	0.0401131	0.049756	0.0674983	0.132083
ABHD4	17.8568	17.5658	14.8573	14.7658	15.5228	16.2403
TMTC4	5.86554	4.89962	5.16074	3.90238	5.32465	3.93712
SPSB4	0.0420507	0.148714	0.0954979	0.592275	0.0535647	0.68131
BLZF1	6.53662	3.80113	6.90764	4.61364	6.37055	5.74096
ACSS1	15.3854	15.442	13.5005	14.4059	21.5947	15.43
TAF1A	1.91392	1.67656	2.47244	1.54617	1.99576	1.85338
EXOSC6	10.747	15.818	10.769	15.166	11.6322	10.1036
PLEKHO1	17.6589	22.196	13.2682	12.9929	21.2352	13.1395
LRRC8B	5.23786	4.67457	4.98246	4.00852	4.60569	3.02704
GLT8D2	8.27058	7.45955	10.2107	5.68113	8.87357	6.67582
PON1	0.720241	0.849056	1.13589	1.80345	1.33795	1.57088
GLRX5	71.4909	74.3821	64.1248	76.4598	48.4825	50.6224
CASQ1	1.27028	3.27572	0.641074	0.347893	3.91041	2.80353
LPXN	7.16466	8.6732	5.92428	5.17524	9.87833	5.38974
C7orf23	27.625	30.3435	26.9464	23.2116	28.489	22.1248
ELK3	6.00431	4.50812	5.69966	3.1322	5.34175	4.03859
MIR585	0	0	0	0	0	0
KBTBD3	2.1399	2.03499	2.14212	1.68264	1.71129	1.97811
LOC377711	3.07328	3.39668	3.55208	3.14364	4.2119	3.96715

MIR4650-1	0	0	0	0	0	0
TFAP2D	0	0	0	0	0	0
C17orf72	0.232737	0.942616	0.477267	0.292964	0.45725	0.543635
MGAT2	10.0542	9.77164	9.56978	8.01765	9.27573	7.85469
PHC2	34.4661	40.4936	31.4347	39.396	32.7701	29.4469
ZNF778	2.30545	2.17908	2.38772	1.96449	2.15882	2.14789
NPTN	73.1805	61.8547	63.1952	61.1315	62.2697	63.1523
LOC148696	0.0921991	0.0203792	0.13959	0.0649301	0.161486	0.0287273
TMEM57	8.86758	8.01535	8.53164	9.25685	8.83457	8.22711
ARL5A	43.6372	29.9187	39.7958	25.3424	29.985	36.0547
TKT	181.055	200.975	195.083	186.446	132.907	144.968
LOC440934	0.487618	0.574828	0.184565	0.457865	0.46585	0.202575
MIR4464	0	0	0	0	0	0
GTF2H3	10.0111	6.89131	9.31072	6.1102	8.51672	5.48099
SIX5	8.58694	14.0322	10.692	11.2326	12.9749	11.7907
KLHL24	8.50633	7.63541	8.72648	6.6358	8.78729	6.96536
C1orf213	4.49048	7.07034	5.44969	6.569	7.14353	4.94139
RHEB	17.608	17.3513	14.9564	14.5465	12.9837	11.6629
ZEB1-AS1	2.40109	1.91877	1.8526	1.08394	2.70563	1.98542
SNORA16A	139.221	205.151	35.1303	130.726	88.6706	173.513
CEP128	0.957055	0.596164	1.11968	0.89866	1.01131	0.799713
LETM1	16.3193	16.7451	20.461	21.0699	18.9284	16.3062
SERTAD3	14.5255	20.1038	18.4187	16.2489	16.0346	15.3063
TNXB	18.9773	33.2505	36.4384	26.0972	34.9839	24.4415
LYSMD3	6.54499	5.64553	6.40472	3.83299	6.33269	4.93122
SLC25A17	31.6223	27.0835	22.3719	24.1175	20.4078	22.3686
PLEK2	10.2247	16.2458	10.825	8.83553	15.7613	11.2195
NKX2-5	0	0	0.0480281	0.268083	0	0.0395362
GPR89B	7.82958	8.61013	7.15164	7.38229	8.06732	6.97593
LPCAT4	17.0195	23.3581	18.8925	19.1874	27.3828	21.5851
ARL13B	3.26613	3.02423	3.01472	2.45688	2.97823	2.94761
HIST1H3I	0	0	0	0	0	0
UGT2B11	36.5451	0.162366	0.139019	0.402357	0	0.114439
HIST2H2BE	28.44	21.1233	17.8309	19.198	21.0106	26.0733
PAF1	22.511	23.2625	21.7745	23.2151	23.8343	24.1791
SLC25A1	115.531	154.452	110.577	133.37	88.4806	95.2624
LOC1005061	0.95382	2.10827	1.5885	2.23905	1.70098	1.60483
SERPINA4	0.318981	0.282022	0.24147	0.359421	0.446953	0.15902
ZNF737	4.14193	1.8859	3.94711	2.27842	2.91836	2.36306
FUNDC2	13.7942	14.9556	10.9504	12.984	11.4149	10.2064
CRISP2	1.30606	0.659847	1.21468	0.77606	0.207954	0.203467
GPATCH3	8.14595	9.03463	7.07873	10.4098	8.68793	9.04106
LARP6	22.3375	35.5577	26.3917	15.665	12.1346	8.88679

SLC19A3	8.8838	20.3023	11.7394	8.90274	13.3016	11.8976
LOC10013096	0	0	0	0	0	0
LOC10050714	0	0	0	0	0	0
SERPINA9	3.32896	1.46565	3.4365	1.62641	1.98685	0.777221
SIRT3	12.106	14.0095	11.4176	13.5088	14.008	12.7665
RABL2B	17.2149	22.5338	18.8094	21.0213	28.8456	25.3355
LOC10065271	0.328036	0.362536	1.25197	0.628876	0.26116	0
TRA2B	34.8771	34.7732	31.9671	26.555	31.4958	30.3645
TSHZ2	2.56497	1.88276	2.47306	1.4695	1.99851	1.83811
CENPC1	4.4455	3.54	4.123	3.40018	5.21267	3.70588
FAM99A	0	0	0	0	0	0
LDLRAP1	17.0619	21.9528	16.819	20.3525	20.351	18.7491
FKSG83	0	0	0	0	0	0
FGF18	0.887565	0.83089	0.158092	5.53972	0.299274	11.0619
HAAO	8.6285	10.1463	8.09946	8.4261	9.06764	8.65683
PCYT1A	19.578	15.7395	23.1241	13.74	20.6008	19.4137
MIR3123	0	0	0	0	0	0
TK2	12.9601	13.8237	13.3323	10.9166	11.5392	8.78518
TIMM50	12.9173	15.2622	13.3639	14.6285	14.4597	12.7572
ATAT1	12.1066	15.674	10.2344	14.6788	17.0569	15.2227
LOC10065281	0.879236	0.844326	1.89397	2.02386	2.22892	1.7045
MIR668	0	0	0	0	0	0
ZNF70	1.11634	0.729518	1.48806	0.706411	1.12833	1.02836
LOC145694	0.242634	0.432498	0.187747	0.836008	0.49087	0.377678
MIR4418	0	0	0	0	0	0
NXPB3	2.64471	2.76621	2.55164	2.28857	2.8294	3.44694
DES	46.9684	150.659	64.6867	92.4237	86.4484	97.3362
OTOR	0	0.12925	0	0	0	0
LRRTM3	0	0.0151243	0.025899	0	0.0108951	0.0106599
RPL24	336.219	483.934	404.162	558.592	391.969	391.452
CDC34	37.2725	50.8566	49.5049	62.6731	51.9681	54.4916
DAOA	0	0	0	0	0	0
CYP4F11	1.0382	1.12273	1.80254	1.41426	0.0213063	0.0208464
ZPLD1	0.0271053	0	0	0	0	0.0168909
LOC10013205	0.277558	1.96319	2.52135	0.521244	1.41422	1.55666
C9orf169	27.0243	25.5438	20.7371	34.3698	37.5542	31.5479
CCDC27	0	0	0	0	0	0
LOC10050689	6.662	7.22879	6.5332	6.68203	7.5218	6.51027
MIR660	0	0	0	0	0	0
MGAT3	4.96667	5.38607	5.21374	6.02928	4.3495	3.73576
LOC10013088	0	0	0	0	0	0
OR2M7	0	0	0	0	0	0
ZNF559	6.21474	6.5096	5.6973	4.674	9.5186	7.03978

WASL	21.5155	17.6847	17.5658	16.7841	15.9942	18.1501
FGFBP1	51.8878	105.329	36.8244	33.4963	40.0946	33.7608
NTN1	3.55323	4.39248	4.45463	3.26094	5.2532	3.91747
STARD10	31.2719	41.542	24.1063	46.9039	30.3233	32.3924
LOC10050556	1.25987	3.52735	2.54328	1.57734	3.07595	1.17765
CLASP1	9.94604	8.86409	11.2094	8.83221	10.498	11.7451
BCAS4	1.26117	1.50898	1.08949	2.11589	1.65614	1.50895
OR4B1	0	0	0	0	0	0
CASP14	184.56	119.689	192.688	126.049	199.716	217.716
HIST1H2BN	0.393568	0.173984	0.595866	0.369554	1.00266	0.49051
HSP90AB1	291.754	234.845	241.695	247.81	229.379	231.951
OR2G6	0	0	0	0	0	0
LOC285954	0.056149	0.198573	0.0425051	0	0.0715232	0.139959
CDRT1	1.33976	1.24877	1.2796	1.53001	1.3376	0.992829
AAK1	2.75297	2.01154	2.4059	1.86465	1.98232	1.75378
LOC10050611	1.10383	0.718439	0.275722	0.396777	0.449111	0.399361
LOC387723	1.53894	1.62613	1.27864	1.79749	2.03204	1.82445
RABGAP1	21.5245	20.0367	20.8349	19.7765	22.6151	22.151
PIGV	10.9238	11.1847	10.7009	10.4525	11.6748	12.6379
DBF4B	3.74255	5.5788	2.94591	4.22098	5.13	4.31929
NME9	0.529104	0.212637	0.65542	0.541986	0.79652	0.329715
KCTD14	0.802507	1.80E-64	0.12064	0.323414	2.90E-52	0.312245
AGPAT6	13.6402	17.2933	14.1191	14.3858	16.7579	13.522
LNX2	5.20763	4.5865	5.95136	4.56893	5.481	4.8521
SACS	2.35118	1.79313	2.35955	1.57855	2.37767	1.79696
XIST	0.523651	0.120042	83.7557	61.6695	88.3937	73.6094
MIR575	0	0	0	0	0	0
PHLDA2	22.1061	34.4637	20.0021	30.706	13.8296	28.5293
CTGF	30.242	13.1209	40.4645	67.0695	18.5847	17.0436
SPARC	193.02	195.161	441.994	209.563	177.486	168.075
ADM	12.9321	19.563	22.239	17.6881	15.1876	13.602
PPM1M	22.805	30.1809	19.4897	22.8168	26.9608	17.2149
CDH16	0	0.133286	0.02853	0	0.108018	0
RPL3	1264.87	1696.77	1516.91	2006.2	1565.23	1470.38
RG9MTD1	22.3192	18.0401	17.8455	13.7029	13.4161	15.9247
KCNA1	0.225695	0.0420095	0.233798	0.145	0.0832215	0.0814251
PALM2	0.335025	0.32349	0.24986	0.421998	0.205455	0.174012
MIR3202-1	0	0	0	0	0	0
TLE3	16.0716	16.2776	17.5555	18.8653	20.1331	21.4653
BAMBI	4.76841	3.35112	3.05437	10.103	3.27065	14.5907
GIMAP4	21.1394	15.7072	12.4909	8.16753	12.3222	7.98276
ARHGEF35	13.4095	9.49682	12.9748	10.7505	12.217	11.1812
LOC728407	1.3142	1.45909	1.63881	1.04881	1.69896	1.08775



PRR12	8.72256	10.4402	12.0952	11.1136	12.4823	10.6659
MTA3	19.4394	17.0877	18.0757	15.932	16.2099	15.965
NCKAP1	56.0034	36.5518	52.3029	38.6027	40.3045	40.0227
RN28S1	0	0	0	0	0	0
RPL37	201.991	303.825	247.941	329.343	246.068	228.623
ST3GAL1	7.47659	5.07929	5.63246	5.06398	4.34934	3.15169
LOC1001282:	0.265619	0.70453	0.502687	0.706667	0.902262	0.441393
SEC23B	27.2904	18.7085	16.0169	14.5138	14.6212	17.019
ACSS3	9.00373	7.29474	8.12948	3.78141	5.31747	4.85584
MIR105-1	0	0	0	0	0	0
CALML5	1095.13	1117.36	846.124	1104.15	1695.48	2000.71
C11orf54	17.3065	13.2013	13.037	10.2761	14.7509	13.9038
MIR4673	0	0	0	0	0	0
ARPP21	0.0609813	0.0373229	0.0319562	0	0.0388393	0.076002
PIGB	6.8931	7.19699	8.34366	7.06016	8.65097	5.94421
TCTEX1D1	0.675388	1.15446	0.92029	0.465064	1.14709	0.757571
GBP4	9.55394	6.33983	2.6197	0.774369	2.77394	1.47295
C9orf93	0.333984	0.610261	0.724772	0.480862	0.694873	0.582749
OR10V1	0.128977	0.114033	0.292909	0	0.164293	0.241119
MIR891A	0	0	0	0	0	0
LOC1005074:	0.276566	0.157756	0.263391	0.402102	0.1591	0.177904
DPY19L2P2	0.269289	0.203193	0.296443	0.344458	0.380719	0.345621
MCAT	11.2174	12.5398	11.1905	10.6158	10.6627	11.0643
FAM102A	42.8289	44.7425	38.2608	44.9325	43.5991	36.3587
PCDHA2	0.0127944	0.0701928	0.0778325	4.31E-27	0.117053	0.112095
EXOC8	10.1493	7.60317	9.67184	7.41819	7.45125	6.34819
NAA20	71.5812	68.3736	57.6761	55.7819	53.3652	49.2137
GGT1	7.92654	3.48769	2.46113	3.7958	3.91551	4.51578
LOC1005070:	0	0	0	0	0	0
TPM4	140.906	128.247	124.87	128.385	121.624	124.827
GPR115	11.0204	9.41136	19.5527	14.8752	21.316	23.2751
MUC20	2.65825	2.99422	4.00339	6.28681	8.56413	7.05201
NSFP1	5.69826	2.63352	6.19056	2.79689	2.8426	2.77897
PCDHB19P	0.0417791	0.110815	0.189762	0.11769	0.172961	0.130175
9-Sep	69.9719	75.465	60.3587	70.5916	73.1498	64.7365
ADCK5	8.80856	16.7792	10.8156	14.5085	14.5732	15.2304
MSH3	5.33512	4.88658	5.28999	3.54942	5.34111	4.83783
PGM2	19.0247	15.3543	15.4107	11.0336	14.7736	16.4137
BOLA3	27.2014	36.8915	22.5801	26.573	21.6363	21.999
HOXB1	0	0	0	0	0	0
C2orf44	2.90944	3.08234	3.4934	3.55227	3.30654	2.45434
PRKRIR	16.406	14.5874	16.1993	13.0462	14.6959	12.9679
LOC1005059:	5.98349	13.3227	4.46971	8.70343	5.08458	4.16055

CTU2	6.51906	10.6057	6.96045	8.9755	7.48231	6.75278
LOC10050741	0.25273	0.184467	0.634942	0.314139	0.347815	0.469248
ZNF628	1.70206	2.40328	2.88464	4.05516	2.45935	2.75454
SNORD111B	0	0	0	0	0	0
TECPR1	5.33088	5.14527	7.16306	4.98475	7.15835	6.10413
DICER1-AS	5.33162	9.42776	5.22314	7.21497	7.39072	5.47225
ARRDC5	0.388961	0.0573159	0.196297	0.121743	0.495463	0.201987
LOC10050748	4.14654	4.33948	4.61234	3.09894	6.30596	5.0097
PSG2	0	0	0	0	0	0.041149
ARL6IP5	96.3074	64.5972	76.6655	55.2459	65.6696	57.911
UBE2DNL	0	0	0	0	0	0
MIR3671	0	0	0	0	0	0
LRP6	6.13294	4.14943	6.09351	5.14424	5.61503	5.34818
RETNLB	0	0	0.389746	1.2086	0.327912	0.160417
FLJ25363	0	0	0	0	0	0
RGPD5	4.97009	4.93885	5.80492	6.30293	5.46863	5.23822
TMEM99	12.0051	12.3939	14.1963	17.6153	10.035	12.3993
SNX33	14.2157	16.7582	17.6579	14.4392	20.3279	18.6317
ADCY10	0.407872	0.112827	0.0661585	0.018236	0.0890599	0.100982
LOC285084	0.222094	0.33662	0.336253	0.357502	1.67723	0.751312
LOC339400	0.397545	0.380774	0.72728	1.64869	0.907295	1.81671
LCTL	0.0600555	0.0515464	3.75E-203	0.1101	0.0386272	0.0368515
XGPY2	2.47756	2.23614	0.468882	2.37486	0.788986	1.54391
RNMT	9.4614	8.29706	10.0086	8.85517	11.3552	8.88233
PMS2CL	5.33048	6.80142	7.24486	6.59772	6.17261	5.43545
ZFYVE16	9.85621	6.46159	8.95344	5.8677	8.12268	8.42327
TMPRSS11A	0.188354	0.231301	0	0	0	0
PTPN22	1.98406	1.46192	1.6691	0.478844	2.50921	1.20614
CRNN	2.49921	0.57643	0.987088	4.33633	1.10731	5.58634
TXNDC9	26.8671	22.8239	22.5158	16.8625	15.9949	19.1904
SH3GLB2	75.775	111.121	103.236	122.96	132.395	148.332
HOXA1	1.10834	1.95293	0.981951	1.87203	2.01797	1.32059
BPIFB1	0	0	0	0.0572895	0	0
EFCAB10	0.205464	0.173404	0.165904	6.37E-09	2.12E-09	1.27E-08
TCF20	7.99008	7.24854	8.38698	6.78744	7.78753	7.65703
TPM3	61.921	61.5237	53.1044	58.5659	56.0755	52.2934
SDHD	122.454	102.439	97.2118	92.9273	88.5239	81.7063
CDK1	7.90018	9.48838	6.43691	5.94063	8.05729	7.72115
GJC1	1.82685	2.21833	1.62669	1.23704	1.44054	1.53334
CXCR4	5.9441	4.52878	4.45186	2.67092	7.21339	5.76102
PIGA	6.26299	5.26237	6.75477	5.22454	6.73303	5.3397
FLJ35776	3.20056	4.1922	4.84568	1.7809	5.05839	3.32409
C9orf51	0	0	0	0	0	0

GOT1L1	0	0	0	0	0.0505154	0
KIRREL3-AS3	0	0	0	0	0	0
PRDM11	0.320657	0.567009	0.589509	0.215066	0.175053	0.285457
GPR137C	0.527529	0.577457	0.456391	0.40099	0.367985	0.782699
ASAH2B	1.33732	0.390867	0.847118	0.622672	1.1313	1.23971
CAMSAP3	11.3701	13.7816	17.5112	24.2668	15.4159	38.2528
KCNC2	0	0.0260618	0.182237	0	0.145648	0.0897698
HSD3B1	130.472	62.2426	33.6535	46.592	35.5333	38.7687
HSP90AA4P	12.4813	7.7481	6.63399	6.48326	7.61113	7.77781
MIR4258	0	0	0	0	0	0
CCZ1	31.3807	30.175	29.9543	31.1866	25.8949	23.8372
API5	32.6672	27.2204	27.6571	26.403	26.8278	24.2097
C10orf40	0	0	0	0	0	0
RPA1	26.0273	23.4068	26.5185	24.7539	23.3216	20.7995
MIR99A	0	0	0	0	0	0
PEG3-AS1	0.639396	9.50E-07	0.69105	3.45E-200	0.176512	0
SNX31	0.370356	0.509359	0.529572	0.231839	0.602809	0.333363
MIR3665	0	0	0	0	0	0
C12orf59	0.107532	0.0316909	0.027134	0	0.114146	0.0670092
PSMA6	66.8433	56.7631	49.6443	58.9902	46.3766	47.6658
FAM133A	0.15992	0.119299	0.121061	0.0281546	0.212197	0.116784
JRKL	6.57276	5.73828	6.68273	4.82892	7.49668	7.04352
DHRS4L2	44.1923	49.174	29.0089	39.2485	29.8174	29.507
MAB21L1	0.171365	0.242416	0.363228	0.128727	0.130972	0.149502
LOC10065295	0.0333442	0	0	0.0626194	0.0424742	0
RCN1	29.3902	28.3702	27.6007	19.909	24.4646	18.4646
LOC10012864	1.04204	0.956737	0.758488	0.715025	1.32736	0.624378
PFKFB3	81.0364	85.6631	65.0547	46.6548	51.371	38.4043
KLC3	30.856	41.8277	44.2482	59.4537	55.9343	62.9273
AGAP9	7.41877	8.82442	7.24686	8.02449	8.8795	6.81696
SH2D2A	1.42343	1.74829	0.751872	0.540807	2.39213	0.865673
RNF25	11.3081	21.4628	13.9559	19.4988	18.944	19.7309
PRR23C	0	0	0	0	0	0
FAM75A1	0	0	0	0	0	0
CYP4F3	3.91549	2.51504	6.20668	3.17406	4.9449	4.60876
IFLTD1	0	0	0	0	0	0
MRPL23	88.8732	177.26	101.578	187.654	110.348	131.042
YPLR6490	0	0	0.0869428	0	0.0731492	0.0715702
PCF11	16.7928	13.6731	19.4423	14.1108	20.9096	18.033
ZNF226	14.5403	16.4627	16.7394	13.0925	13.6781	13.6638
TMEM91	191.595	268.969	200.901	262.555	168.567	217.581
SUGT1P1	1.98132	0.673754	0.922998	0.14311	1.16484	0.854776
RIIAD1	0.383748	0	0	0	0.244411	0.239135

REV1	14.6052	12.9676	13.9305	12.2014	14.793	12.1044
RNLS	5.49149	3.38231	3.79554	3.90728	3.18114	4.19521
FCN1	0.777292	1.37446	1.43835	1.05425	1.87023	1.45313
ACACA	25.4099	13.7412	17.8189	12.3565	11.7451	15.8768
FOXO6	1.35672	1.07544	1.31037	1.6693	1.54943	1.28275
THSD1	4.92808	5.42984	4.99385	4.78826	6.36684	6.0111
CHUK	9.08997	7.3465	8.56978	7.88079	7.79622	6.30738
C8orf71	0	0	0	0	0	0
CHRNA3	0	0	0	0	0	0
C6orf118	0	0	0	0	0	0.106197
RHOD	39.3845	57.384	36.5833	54.623	40.1219	48.5846
LOC641515	0.105045	0	0.15904	0	0.200712	0.13092
SP7	0	0	0.0253101	0.0313943	0.173935	0.130238
TRMT112	122.465	166.51	121.713	150.502	111.336	117.672
CLEC4G1	1.82362	1.7546	1.86773	1.25908	3.04034	1.60434
THOC2	10.792	8.79061	11.579	8.51154	12.015	9.45002
LONP1	25.8696	30.703	28.4346	32.9367	27.2309	30.852
DBP	21.0596	46.2633	29.097	37.4869	29.5003	32.3255
GLRB	2.8887	1.96328	1.6022	1.42608	0.971926	1.14767
CT47A5	0	0	0	0	0	0
MIR4457	0	0	0	0	0	0
KPNA2	21.0644	20.9806	15.1545	18.3067	15.5799	19.1196
TRIP12	23.9257	17.2538	21.2711	16.1905	17.991	17.7229
SLC36A3	0.0348812	0.0308397	0.0264052	0	0.088865	0
SMARCA5	12.3732	8.54323	9.82108	8.3707	9.42033	8.81508
RRAGD	9.46006	6.5111	7.62095	7.9633	5.90042	4.55254
LOC10065295	1.69628	2.50762	2.54585	2.73077	3.27766	2.1353
PTCHD1	0.199956	0.0642867	0.137607	0.0853433	0.150508	0.124604
C15orf48	74.371	41.3806	60.4024	38.8207	97.1628	79.2115
ARHGAP9	4.9997	5.07593	4.45487	2.07604	11.4012	4.57
ZSCAN23	0.187911	0.138449	0.165958	0.0882228	0.139629	0.195164
ARF5	206.794	262.958	206.656	267.246	239.924	243.834
DNM1P35	0.339159	0.498468	0.357117	0.45256	0.522713	0.503316
ZNF319	3.31751	3.32014	3.1741	3.56937	3.63895	3.73268
KCNH5	0.127833	0.0282552	0.0306994	0.152318	0.0258289	0.0896178
LOC10012859	0.445171	0.393592	0.280831	0.15968	0.135524	0.184941
LIG3	7.27372	6.55969	7.44874	6.49725	6.74118	6.96785
PPIE	26.5384	27.8738	27.3343	30.6384	30.2756	26.4169
LOC10050731	3.00401	6.49233	8.08551	12.8499	3.18878	4.99192
LSAMP	1.17547	1.04808	1.25935	0.682827	1.63056	1.17945
PLCE1	0.856137	0.901041	1.12968	0.971994	0.912804	0.921063
POTED	0	0	0	0	0	0
ETV1	6.54936	1.80206	3.53453	2.64406	2.01617	2.21164

C6orf186	0.520487	0.0920364	0.236407	0.586475	0.729302	0.324345
ZNF33A	10.6083	9.21495	10.9304	11.7972	15.5747	9.72656
ENSA	232.644	261.061	231.842	278.076	250.585	253.108
MIR320A	0	0	0	0	0	0
DYNC1LI1	22.8131	17.5685	22.7313	18.9611	24.1564	26.8249
RNASE7	21.2819	7.56457	12.3006	10.3967	18.6375	19.4449
C2	6.84262	5.09695	6.00347	2.8895	6.25613	2.9865
LRCH1	8.43135	8.32159	9.28632	7.56554	9.87383	7.64958
CDKN1C	19.0035	31.1268	22.0765	22.2628	14.8879	14.9047
DNAPTP3	23.5029	21.2072	19.3391	19.501	20.0259	15.859
HEATR8-TTC4	0.622011	0.177644	0.224084	0.477871	0.866056	0.203591
C2orf28	101.352	116.845	109.505	117.867	106.711	85.9206
LOC10050597	0.230919	0.56145	0.305912	0.433658	0.919209	0.467671
SNX1	27.2234	23.5903	24.1069	21.6663	24.8617	21.3989
FRMD1	0.284438	1.56991	1.16752	0.753752	0.554605	0.328499
ZNF646	4.37263	4.30161	4.16095	3.71549	5.5503	5.10503
NUP160	10.6411	8.761	10.5017	8.33212	10.837	9.52386
NDEL1	43.7527	48.6143	50.5131	56.5972	52.718	54.1779
FOXG1	0.116786	0.275346	0.736729	0.32898	0	0.072776
POTEG	0	0	0	0	0	0
PHGDH	76.3154	87.3663	88.8101	114.106	101.15	122.612
ARHGEF7	25.0481	28.3337	25.2785	24.3659	25.8843	23.7252
CDC42EP3	5.53703	4.50559	4.33994	5.2452	4.54085	6.12225
BICC1	2.54171	0.983159	2.50132	1.10382	2.61036	1.74228
TEKT4P2	25.9134	38.7547	4.63336	5.4624	44.1183	30.3786
CXorf51B	0	0	0	0	0	0
IRS2	6.89698	9.09269	11.8941	9.81004	9.44393	7.2649
ZNF558	10.6141	10.5501	10.0312	7.79985	11.127	9.69544
POMP	59.9921	53.2375	45.3024	50.0803	37.4555	41.856
FAM47E	2.62575	2.26043	3.13848	2.20601	2.68457	1.55014
LRRC57	8.38722	9.08392	11.5555	12.7583	10.3632	8.98968
SVOPL	0.864697	0.684702	0.805451	1.29725	0.827451	0.952703
PVT1	2.02454	1.78997	1.90538	2.67169	2.50918	1.12522
HOXC13	4.90696	4.07662	5.53987	14.5773	6.57384	28.4429
CLCC1	13.9036	12.9395	12.2075	12.1369	11.6809	9.98573
CLEC11A	8.43495	19.0204	19.8589	22.0896	21.7848	19.8197
PRAMEF14	0	0	0	0	0	0
RFWD3	9.83667	8.47308	9.79093	10.1693	10.3466	9.12793
UBN2	5.81062	4.73602	7.29021	4.89586	7.3975	6.41745
FABP7	32.5428	36.0432	58.6083	88.9135	123.013	123.506
OR5P2	0.85617	0.324417	0	0	0.0779	0
KIAA1217	17.3216	16.9207	15.0406	15.9915	17.6359	13.9736
HCG8	2.50562	2.46705	1.46568	1.81802	1.70465	1.84529

LOC645355	0	0	0	0	0	0
MIR4644	0	0	0	0	0	0
SNORD114-1	0	0	0	0	0	0
ADAMTS18	0.194324	0.272031	0.441313	0.288906	0.412553	0.383466
C18orf63	0.0760991	0	0	0.017864	0	0
CCL18	32.8936	22.7664	1.2576	0	12.3796	0.310573
RPL27	1467.09	2287.71	1974.37	2757.62	1966.03	1817.05
TTY23B	0	0	0	0	0	0
PRAMEF16	0	0	0	0	0	0
CRABP2	297.288	272	203.625	309.088	257.064	261.362
AZFP	0.103282	0	0	0.19396	0	0
STAT3	74.8352	61.0231	61.4035	51.9904	63.4327	48.796
PLXDC1	4.58537	5.16124	4.82377	3.16932	6.97522	5.12619
ACTG1	1141.06	1348.95	1164.13	1274.43	1071.33	1150.74
ACAP3	37.7155	71.8321	53.5477	81.5604	73.7882	71.4546
BMP2	3.01784	2.36246	4.1407	5.07706	2.82306	7.97293
RPS11	1435.65	2135.78	1616.11	2467.95	1826.06	1675.61
COQ9	51.8827	51.747	40.4986	52.4192	46.511	44.8174
ASPHD2	2.05497	1.05326	2.75052	1.62197	2.69351	2.11572
ABCG8	0.150631	0.0332946	0.114028	0	0.0959376	0.0234667
SMPD2	14.6797	15.2684	12.3866	17.7558	16.1674	19.3438
HOXD9	3.64593	8.49833	5.72907	7.88436	9.14773	6.26519
NUP210P1	0	0	0	0	0	0
LOC10050575	0.530393	0.242801	0.474435	0.500808	0.76409	0.51994
DLEU2	0.280475	0.722118	0.328941	0.396987	0.412138	0.524487
LOC10050753	0	0	0.0724293	0	0	0
LOC729626	0.567054	0.501393	0.643895	0	0.9029	0.883453
TFPT	7.82318	12.9955	9.9459	13.8354	10.751	8.50676
PRAMEF24	0	0	0	0	0	0
SEC16B	4.06956	5.03299	6.28973	4.16244	5.46156	3.98511
10-Sep	35.6615	31.0357	32.4973	30.3639	32.0106	25.215
FGD5	4.55988	4.69497	6.04826	3.44614	4.67231	3.77462
TRIM52	14.7976	12.8767	10.6765	10.8276	12.3644	11.8282
CTSL1P2	0.10363	0	0.0784483	0	0	0
TUBB3	5.77809	8.90861	6.21652	9.64338	6.98222	9.17676
MIR302C	0	0	0	0	0	0
LOC10050629	0	0	0	0	0	0
RNASEK	165.258	190.529	158.19	196.839	151.291	145.095
FLT3LG	16.7086	26.6407	14.4878	14.6817	24.2794	12.057
ZNF747	4.92105	5.48589	6.28436	5.82621	5.77794	5.46653
ZDHHC6	24.3974	25.4091	23.9346	19.5854	25.8479	20.3496
FAM186B	0.261266	0.330792	0.373239	0.760273	0.421402	0.782008
SC5DL	42.8318	25.2578	22.6481	20.1753	18.4612	20.9807

RSG1	2.33189	2.60746	2.02485	1.93201	3.27617	4.10297
RAPH1	6.91297	4.89406	5.9618	5.38899	6.7879	6.47729
ZNF16	5.10154	5.63794	4.67642	5.27672	6.11736	5.86114
LRIT3	0.649572	0.62217	0.717106	0.355797	1.18943	1.01197
WBSCR27	1.28797	0.910994	1.755	3.26534	2.05079	2.80913
IL17RE	20.2632	27.3182	27.8615	35.1322	32.5034	32.2712
PAQR7	25.8259	25.884	26.5149	33.1665	31.3069	36.7123
ZNF548	5.02257	5.45745	5.9456	5.05856	6.38512	5.08004
LOC375190	5.33093	8.42676	4.09669	3.41295	3.80685	2.76834
GUK1	198.645	361.454	238.004	358.352	269.956	255.062
FLJ32255	1.52319	0.929873	1.50997	1.22593	1.82477	0.97179
RPS15	605.925	1209.63	832.394	1534.09	933.964	942.513
FAM87B	0.215798	0.478313	0.408401	0.253289	0.516025	0.37065
LOC339822	0.0706324	0.0624487	0.106938	0.0663227	0.0449862	0
ATP6V1G2	0.738718	0.793709	0.634683	0.772595	1.68961	1.2541
IGDCC4	1.78069	1.53534	2.88537	0.912022	3.05559	1.98086
FAM180B	5.04695	4.87409	12.6373	3.20794	8.60478	5.32238
LOC10014460	2.32566	1.31808	1.26397	0.839906	1.29132	1.74653
MEIS3P1	5.34507	4.47868	4.44289	3.54274	4.04956	2.78658
PMCHL1	0	0	0	0	0	0
BLOC1S1-RD1	7.91842	24.4348	15.9195	17.7711	11.5207	5.64339
NRBF2	15.5311	14.2168	14.416	13.1406	14.0862	20.1774
LOC727896	1.27001	1.27594	1.33277	0.704577	0.955908	1.31286
LOC646627	0	0	0.289296	0	0	0.238145
CCDC146	11.1855	11.6424	16.8229	13.6983	22.2203	14.2356
OR5D14	0	0	0	0	0	0
LOC10050601	0	0	0	0	0	0
LOC10065299	3.17902	2.97602	1.98185	2.45827	1.31012	0.466125
RNF103	24.938	20.6647	22.3335	20.6595	24.1531	22.3533
RNF39	20.9314	15.5732	18.9433	24.0423	28.7725	45.322
MIR3619	0	0	0	0	0	0
FAM87A	0.228149	0.453859	0.518131	0.428457	0.593347	0.580539
RAPGEF6	3.46912	2.60575	3.40499	2.02195	2.93852	2.62268
LOC10050723	2.13555	1.92495	3.40244	2.05935	3.58816	3.67384
GABRA2	0.301119	0.231102	0.126638	0.209441	0.119865	0.0260616
CACNA2D1	1.09994	0.452324	2.34307	0.624499	1.38482	1.03612
SLC1A3	8.04468	7.53483	9.29553	8.69725	7.47744	8.01924
LINC00402	0	0.0259959	0.0222579	0	0	0.0183224
LARP7	22.9134	17.8724	22.978	16.2353	19.9331	18.2116
LOC286149	0.148241	0.367487	0.070137	0.139196	0.340173	0.259012
ALDOB	0	0	0.0947638	0.0391815	0.318918	1.69018
MIR4519	0	0	0	0	0	0
OR1L1	0	0	0	0	0	0

ITPR3	27.2041	25.9485	34.4468	27.4404	43.305	39.6296
C6orf223	8.69899	0.197919	0	0.260602	0.142575	0.223611
PLLP	16.9092	15.968	26.7991	26.958	23.0515	23.7646
SERINC2	83.0585	87.8373	46.0543	82.0792	38.8575	59.5896
LOC339505	0	0	0	0	0	0.0161146
TRIM7	17.122	23.0259	18.4242	20.5872	27.5415	21.9924
MTR	8.58246	7.68272	9.83325	7.43051	11.4836	7.6165
DHX30	16.7998	21.918	17.9128	22.5769	20.78	19.3044
LOC10013161	0.512439	0.906133	1.29306	1.6841	1.03352	1.17088
LOC653739	0.890778	0.451684	0.501716	0.406322	0.322616	0.179355
DCUN1D2	9.50834	13.7406	10.6396	13.6386	12.9471	10.8492
ANAPC11	56.5176	79.0704	54.5703	88.6353	58.2887	57.3883
KLK10	52.2144	38.0622	47.2899	50.1614	50.6092	64.6276
USP16	21.4056	19.7871	21.9234	16.0848	20.961	16.8842
SFTPA1	0.112489	0.0441986	0	0	0	0
BCL7B	24.9126	28.4915	26.1416	30.3372	27.4037	22.4438
ATL3	13.0183	9.83139	12.1817	7.34285	10.0764	8.8448
LOC10013131	0.79354	0.81742	0.413824	0.980423	0.266005	0.263025
CENPVL1	0	0	0	0	0	0.0264153
CAMKK1	10.9703	14.6004	12.5495	19.0447	14.2758	15.1287
LOC10050743	0	0	0	0	0	0
PHF12	13.2807	12.8651	12.7137	13.0583	15.0728	11.4531
ITGAE	4.7661	4.65386	3.33336	3.23168	3.90591	3.36427
TRIL	6.34702	3.8422	7.32974	6.13873	6.70101	7.53031
OR2A5	0	0	0	0	0	0
C15orf5	0.0711224	0.0628819	0	0.0667828	0.0905965	0.0886409
RNF185	28.6243	25.4018	27.4468	28.1916	29.6598	27.6857
ANKRD63	0	0	0	0	0.126602	0
RPL21P28	811.464	1094.24	841.459	1258.39	862.306	755.997
PLAC1	0.101242	0.089512	0	0	0.0644817	0.12618
LOC642929	0	0	0	0	0	0
TIGIT	1.30704	1.21486	0.710362	0.188813	1.70761	0.355034
OR10G9	0	0	0	0	0	0
RAB7L1	8.59523	7.70431	5.92274	4.36339	8.59901	6.14398
HSPA9	96.1909	68.8597	70.0368	62.1275	60.7824	61.2
HCLS1	16.2893	13.4149	11.9854	5.8132	19.8122	9.26537
CABP2	0	0	0	0	0	0
PIN4	7.9385	7.46284	7.93325	6.98286	5.92614	6.41682
OGFRL1	18.0267	11.0711	15.2949	11.4739	11.7895	9.23557
POLR3H	15.2783	17.5976	14.0836	16.5769	15.7272	15.7877
POLB	17.405	18.9816	12.5737	14.9327	14.0866	10.9011
FAM13A-AS1	4.44784	4.8753	5.79151	5.73889	7.11737	4.86088
LOC10050621	0.388561	0.458054	0.294143	0	0.0824922	0



LOC154761	2.95352	2.02308	2.04415	1.46134	2.39756	1.56663
CDC14C	0.517398	0.366217	0.625931	0.453523	0.460798	0.279099
LOC1001294	0	0	0	0	0	0
ARHGAP27	25.3483	20.3335	3.20398	2.10554	2.08669	1.98306
ZDHH9	23.3614	21.0994	24.1029	23.0107	19.4798	21.1274
PCNA-AS1	1.59E-10	9.09E-09	0.0138444	1.17779	4.19E-25	1.06E-28
GRK1	0	0	0	0	0	0
TPP1	30.227	30.3143	31.4075	30.0015	38.2024	31.6073
TNNT3	2.01428	4.82334	4.9987	5.93089	5.05806	4.2937
HNRNPCL1	0.232384	0.205459	0.0781849	0.29094	0.148007	0.389383
GYPE	0.312923	0.669534	0.667228	0.352596	0.686396	0.704439
TXLNG	9.16333	8.34015	11.1618	8.65101	10.944	10.7382
BATF3	1.68553	4.36428	2.00508	1.13049	4.83086	1.5005
IGSF9	11.8456	18.3788	15.9643	26.0535	25.27	27.3492
KLHL4	0.0736212	0.18938	0.19904	0.185879	0.114936	0.232425
LOC643339	0.253885	1.34681	0.192192	0.238394	0.323401	0.316421
TBC1D8B	1.82947	1.05095	1.47186	0.866944	1.35759	1.36754
ZNF764	2.72036	3.29105	3.1429	3.69682	7.58899	6.39887
RBFA	5.11685	7.31848	5.87244	6.83767	6.78108	6.65076
LOC1005074	0	0	0	0	0	0
NPPB	0	0.168754	0.288978	0	0	0
C10orf12	0.660587	0.188403	0.40328	0.320145	0.285012	0.185906
MIR4795	0	0	0	0	0	0
LOC1006527	0.293809	0.779303	0.407761	0.367843	0.311881	1.03751
TMEM150B	0.279435	0.370589	0.105767	0	0.355948	0.261198
GLRA4	0.252738	0	0	0.491619	0.244515	0.611516
LAMB3	24.7234	28.6154	25.4751	39.6914	26.5239	21.958
HIVEP3	5.23163	5.18526	5.36285	4.90134	5.38046	3.05621
IDI1	159.543	73.7996	79.0673	64.7425	56.5696	68.8297
ARMC7	5.40697	8.71074	6.03342	7.29827	6.70297	7.01408
WEE1	11.3806	12.1237	19.7403	12.7992	11.3149	14.1823
IL28RA	3.37782	4.0428	3.83852	3.86967	4.45797	3.94865
gene_id	FPKM	FPKM	FPKM	FPKM	FPKM	FPKM
STRADA	18.5117	23.9777	18.3275	25.1835	27.4456	19.97
ZNF34	4.33947	4.64192	5.88056	6.58994	5.86888	5.4084
DNM1P46	0.0637908	0.217556	0.27716	0.287513	0.139229	0.0298138
PCDHGA11	0.810896	0.904029	0.79838	0.717718	1.07693	0.810231
SPATA2	4.46702	4.65013	4.0542	4.30721	4.84877	5.12044
MIR4648	0	0	0	0	0	0
KIF23	2.79848	3.34544	2.14368	3.17817	3.33262	3.04191
RABEP1	19.7033	13.8524	16.215	13.4317	13.2825	12.4442
MFNG	7.37507	7.96955	5.61945	5.92943	8.31928	5.34672
NS3BP	3.58981	2.96689	6.61654	5.78894	10.6863	11.0878

MIR512-2	0	0	0	0	0	0
ARHGEF17	8.28994	9.41074	8.87474	8.73292	8.85965	8.04287
LOC606724	5.69823	6.48507	4.37683	3.15998	9.89326	5.75416
CDC27	11.3331	8.80022	10.521	7.91017	8.84033	8.08906
EDN1	7.43955	5.20121	6.27157	5.29377	9.82256	6.34388
CLDN22	7.21E-08	8.40E-07	5.92E-08	2.81E-07	2.42E-08	3.03E-08
TRIM8	39.692	47.8768	49.8759	46.7247	44.5421	33.5778
DDX17	246.564	260.891	278.791	243.44	336.326	274.821
GLI4	9.40398	26.9676	15.0425	22.8817	19.1662	16.6123
PMCH	1.07321	1.1978	3.75E-06	0.165249	0.0978002	0.815679
ZNF772	2.34277	1.99106	2.11715	1.90996	2.48678	2.63673
LYPD6B	15.0802	22.4618	25.2484	35.0812	26.3046	36.4887
LOC650623	1.79435	1.01476	1.78663	0.758947	1.78117	1.61176
LOC390956	0.59927	0.117741	0.403245	0.781535	0.508904	0.497919
NONO	79.2491	85.9886	76.2884	84.7672	85.6063	73.2149
SUMO4	0.1949	0.172319	0.147541	0.183008	0.248266	0.121454
KCNMB1	12.682	11.0247	5.52424	11.0434	7.76139	9.97797
RASGRP4	1.69862	1.31963	1.70332	1.21204	2.29777	1.54487
THEM5	31.0084	26.8025	60.6712	54.5119	58.3229	66.3036
NPRL2	12.2202	17.1738	12.0967	14.4069	15.8255	14.7218
PTDSS1	36.7993	30.9676	34.936	35.4244	34.9383	30.7682
OTX2OS1	0.0834173	0	0.094721	0.117491	0.0531289	0.0779732
RAD9A	15.6521	28.5423	15.3664	27.0321	22.3495	19.4165
MFSD6L	0.410034	0.483369	0.413864	0.385016	0.377221	0.709767
KIAA1731	2.0117	1.80059	2.28933	1.67931	2.08182	2.34308
SYDE1	5.80337	7.35488	7.12785	6.55834	6.94446	5.86593
POC1A	2.75802	3.01955	1.86918	2.346	2.02256	2.60169
PGAP3	22.2816	27.3556	24.1567	30.875	29.1432	23.2036
MED16	12.6355	18.6393	17.1966	20.126	19.3273	19.6954
MIR509-2	0	0	0	0	0	0
DNAJA2	31.6556	28.3046	31.6308	29.7241	29.9313	26.3831
ZMYM4	9.10612	7.64189	8.35655	6.71004	8.18379	7.25223
LOC646730	0	0.125622	0	0	0	0
UBE2J1	16.3432	12.1566	12.1519	10.5805	12.0324	11.2989
STAB1	7.34412	8.34531	9.71076	3.82792	11.6853	6.91868
RPL36	1711.81	3148.29	2242.7	3901.66	2339.03	2334.1
C20orf46	6.43607	11.2182	9.46587	13.1803	11.3996	12.2612
FBXO45	7.45795	3.77002	7.82298	6.45334	9.44676	7.76316
DOCK7	5.12851	3.61551	5.24112	4.32136	4.70186	3.57433
KCNA7	0.022196	0.0600993	0.0686101	0.0416833	0.141367	0.0836811
TMPRSS4	6.29225	4.25674	2.76111	2.78806	4.94737	3.71288
LINC00313	0.253188	0.895413	0	0	0.322514	0.473329
SYNJ2	6.07318	3.85275	5.13968	5.66061	5.30358	3.74075

ELOVL5	578.739	386.598	205.444	142.994	139.466	222.583
CAPS	11.0789	22.6037	14.3026	21.0372	25.6458	17.8896
TMED2	101.865	79.024	96.9738	89.2501	85.8397	81.8681
MUC13	0.104017	0.030655	0.0262471	0	0	0
FBXO30	5.06125	3.63824	4.56435	3.1614	5.35387	4.5938
CTH	2.46811	2.22943	2.29771	2.18969	1.99107	2.82808
LAD1	97.3258	100.142	95.5554	116.644	102.678	150.703
SNX11	15.4862	15.419	13.3855	14.5208	14.718	14.7965
HNRNPA2B1	251.894	212.818	210.106	191.513	236.989	228.211
RIMBP2	0.982099	1.04197	0.972209	0.907988	1.9535	1.97724
MIR3179-2	0	0	0	0	0	0
PAX8	0.702944	1.16843	0.186334	0.140872	0.231236	0.253266
GCNT4	2.83586	1.51957	2.99245	1.07589	2.55418	2.624
HIST1H2AE	15.0512	5.83654	2.59859	3.47122	1.51361	3.45552
NRSN2	10.6665	12.2862	8.91104	10.734	11.6925	8.95085
CAPN11	1.65212	2.66172	2.05665	1.65474	2.38509	1.34983
NDUFA12	98.6307	84.0281	77.0199	75.1544	75.9313	76.7784
RBM42	32.2711	42.8549	35.0382	48.3504	38.8553	40.26
LOC440040	0	0	0	0	0	0
RXRG	1.16486	1.97754	1.44707	1.35781	2.31514	1.45239
ETFA	136.474	106.682	91.6382	86.3162	78.4214	91.5676
ZBTB45	6.43265	9.84788	8.43184	10.4182	8.55143	8.71658
SNORD110	0	0	0	0	0	0
LOC10065275	0	0	0	0	0	0
OSBPL8	16.6015	11.3006	17.1422	9.86721	15.3734	12.2149
DLX4	1.33843	2.15065	2.10996	6.56093	1.94322	7.01529
MRPL44	17.8123	16.4402	16.3539	15.6519	16.0973	14.5873
POM121L4P	0	0	0.0208706	0.0236688	0.0301019	0.0220891
HEG1	7.95698	6.2321	6.08598	5.55274	5.75802	7.37659
TNS4	41.7203	65.0166	49.746	76.5374	57.2321	48.3592
LCMT1	23.2404	29.1585	24.0561	29.6432	25.7968	33.5385
TCN2	9.21501	9.73426	10.9284	6.90433	7.72065	5.51079
PLEC	35.2581	47.8789	51.8643	52.4221	53.6437	54.0079
CRISPLD1	4.77715	2.12174	2.29204	3.896	3.67111	2.90704
FBRS	38.0991	51.1871	43.7192	52.1933	56.861	58.2913
ANKRD62P1-1	0.209018	0.0616	0.263712	0.786544	0	0.347336
SIRT5	9.34045	9.30842	8.14526	9.11095	10.237	9.76905
SYAP1	16.4184	11.8298	16.1426	13.3086	13.5686	13.7656
SLC16A2	4.23943	4.21922	6.08249	4.27254	4.6934	3.30575
ZBTB20-AS2	0	0	0	0	0.344391	0
FKBP1A-SDCE	4.08E-08	1.05E-08	1.17E-10	2.49E-11	2.34E-09	1.83E-09
TIMP4	24.9162	26.4582	59.4415	35.0634	11.8916	13.743
GDF11	1.30865	1.05245	1.00857	0.798991	1.2379	0.934909

LOC10050716	0	0	0	0	0	0
LOC644794	9.00135	14.3128	7.76487	12.9075	15.3325	16.6973
NKD1	0.835795	0.604601	0.862775	0.907104	1.18217	1.25135
TMED11P	0	0	0	0	0.184549	0.180566
LOC10000967	1.12238	1.8762	1.86902	1.94229	1.19874	1.47307
TEP1	5.28342	5.70673	5.63274	3.94403	6.8329	4.97153
HJURP	2.34321	3.36654	1.99555	2.50582	2.77753	3.73159
C7orf34	0.166729	0.147411	0	0	0	0.103898
WDR52	3.56982	3.03851	3.21236	2.95931	4.98287	4.14549
LOC10012808	0.0942134	0.0832976	0	0.0884649	0.060005	0.11742
LIX1L	5.36656	5.70748	5.53444	3.06729	4.805	3.48961
MIR124-2	0	0	0	0	0	0
DYRK2	3.59819	3.20979	4.1566	3.25919	4.07671	3.89323
GPN3	14.5964	12.3047	13.7648	10.8933	10.4648	8.38787
MIR1273F	0	0	0	0	0	0
CTF1	3.57373	4.95754	4.33801	4.54405	3.73858	3.30014
C6orf165	0.36903	0.122352	0.279358	0.346513	0.117519	0.0862364
DNASE1L3	4.13917	3.85565	6.26726	3.609	3.62486	2.80966
PDXP	5.82391	6.24276	4.17464	7.25915	5.05513	4.62484
PLIN4	154.397	200.47	345.337	168.145	108.606	73.1178
TSR2	42.2144	41.6581	46.1734	43.306	43.9818	42.3075
MIR299	0	0	0	0	0	0
SERPINB8	12.5464	7.17906	14.8117	11.9583	16.8856	13.1303
MIR4765	0	0	0	0	0	0
MGAT4A	5.5565	3.93264	3.88524	5.08569	4.02497	3.27998
SOCS5	8.2903	6.05007	7.71965	5.16886	6.90053	6.80588
BCAP31	260.471	293.273	254.736	279.412	210.435	243.53
LOC10029290	0	0.114353	0.0979101	0	0.24713	0.0402992
UBE2B	29.6335	32.8514	31.7412	28.3633	33.5966	31.2453
OR7C1	0.246581	0.327017	0.466658	0.578839	0.392622	0.230488
CAV3	0.373945	0.671735	0.0629059	0	0	0
MIDN	20.4493	27.8154	37.1487	28.8629	27.7238	29.6323
LILRA5	0	0.597858	0.250719	0.0777463	0.237311	0.0692417
GMPPB	19.5312	15.9984	19.0969	19.0325	17.114	16.6815
VAV1	2.96843	4.7302	2.95261	2.20392	4.44073	2.25847
DEFA5	0.393568	0	0	0	0	0.245255
SPATS2L	12.9262	13.0611	11.2673	9.81184	10.4605	10.0897
N6AMT2	8.28095	8.56243	8.28747	5.53523	6.4363	5.77258
PIGT	50.4602	47.1356	54.1489	52.1341	48.085	39.2115
LOC10013230	0	0	0	0	0	0
SST	0	0	0.167332	2.69825	1.40785	1.23971
DEFB125	0	0	0	0	0	0
ADAMTS8	0.776023	0.851724	0.810281	0.82918	0.920334	0.867118

GSTTP2	0	0.0439713	0.0188243	0	0	0
LECT1	0	0.265378	0.0567872	0	0.19117	0.0467465
MAPK4	1.61765	1.30021	1.60626	1.89376	1.39156	1.58408
CD14	11.8768	12.6338	10.8563	8.3164	11.9347	9.15391
ZC3H4	6.78285	8.8849	8.83775	7.92454	9.24726	8.96
MIR521-1	0	0	0	0	0	0
REC8	7.56391	14.9481	4.40668	5.0797	8.72665	5.13953
STXBP6	5.78233	4.55466	3.93953	3.15899	3.58236	3.50503
TFEC	0.820022	0.374288	0.386614	0.138607	0.595527	0.254734
MED12	7.63701	7.74265	8.77014	7.64568	9.85863	8.03677
FCGR3B	4.34678	2.23548	2.45123	1.62429	4.20924	4.39478
IGSF11-AS1	0	0	0	0	0	0
RPS29	1234.86	1792.75	1354.72	2092.06	1453.96	1299.59
OPRM1	0	0	0	0	0	0
LOC10029178	0	0.724239	0	0	0	0
ITFG3	36.9795	45.6596	42.7688	50.8027	43.9702	43.6723
FAM32A	57.4096	66.4215	57.8327	62.1892	63.5594	64.3768
FSCN2	0.829983	0.900894	0.944267	1.13463	1.13455	1.34455
C16orf59	1.43628	2.7129	2.02628	2.32948	1.74639	2.72577
NOMO1	20.7253	17.1235	11.5171	11.8505	15.1337	15.4915
DUOX1	43.4304	44.2889	41.5834	45.9921	47.7992	41.4288
SLC5A1	11.118	6.02267	9.93112	7.8393	11.4972	11.5767
LOC10050560	3.23077	3.32066	2.65858	2.85991	3.9286	4.13248
BDKRB1	0.944718	1.67052	0.780171	1.85479	2.13329	1.28445
LOC10049940	7.38839	7.11945	7.80101	6.50349	7.47346	6.91144
LOC10050648	0.693339	0.245203	0.734806	0.520828	0.883183	0.864119
PCNP	72.7487	60.1285	65.1468	60.0493	61.5755	54.9347
CD3D	12.4264	13.7942	4.51552	1.34411	8.70911	2.1906
RBP7	52.5851	78.9074	49.7986	49.1798	24.1514	19.0607
C21orf71	0.783793	0.69298	0.296668	1.10395	0.249601	0.244213
S100A11	943.052	1013.82	688.491	889.621	773.794	891.355
C8orf31	0.166722	0.19654	0.0841398	0.15655	0.424745	0.207789
PTPRF	86.7791	77.6062	107.172	85.4603	111.33	102.735
ASB17	0	0	0	0	0	0
ZFY-AS1	2.80983	2.06803	0	0	0	0
LOC10013285	0.0572369	0	0.315938	0	0.306102	0.0509537
EGFL8	19.6957	42.6653	21.7142	39.7069	33.4778	34.0455
MYCT1	4.7925	6.11083	4.56579	3.33679	3.7376	2.70206
MIR4531	0	0	0	0	0	0
LOC10050578	0	0	0	0	0	0
LOC10013009	1.29292	1.31529	1.4875	1.59556	1.62662	1.93628
DNAJC5G	0	0.0910843	0.116981	0	0.164036	0.032099
BMP2K	5.78779	4.49056	7.58827	5.22052	6.15234	4.85156

LOC10050709	0	0	0	0	0	0
CSAG1	0	0	0	0	0	0
USP45	3.24365	2.37884	2.76098	2.27377	3.13217	2.62676
PACS1	20.0603	21.268	19.4522	19.9718	21.2621	17.2104
FUT2	4.20573	2.95216	3.05888	3.97908	3.98135	3.96114
PIK3C2B	12.7966	12.0646	14.526	12.3793	15.6564	14.8906
ZNF833P	1.18872	0.731123	0.978115	1.55296	1.28378	0.644138
STARD3	16.6982	24.7304	19.9743	22.1297	25.4884	25.2237
TGFB1	16.1276	23.3815	18.8584	23.0863	24.0957	18.0148
TPH1	0.807205	0.305863	0.960235	0.378976	1.17512	0.431157
IL12RB2	1.61619	1.06637	0.456518	0.249155	0.291909	0.285608
ADAMTS1	8.23684	5.5906	6.26683	7.65614	5.63027	6.32533
ALG6	5.81774	6.95302	6.77208	5.92944	6.47971	6.01192
NRG4	2.51611	2.6779	2.99815	2.84385	2.28508	2.32286
NT5E	6.92612	4.89014	5.34783	2.97078	4.34785	2.58173
APOA1BP	52.0201	61.2939	46.9318	63.2801	47.3313	49.4181
LOC10050703	0.590367	0.298266	0.5746	0.343166	0.483439	0.64819
ZNF644	14.5072	13.221	11.0005	10.162	12.4642	10.9794
OR5F1	0	0	0	0	0	0
PAPOLB	0	0	0.0172805	0	0.0145389	0.0284501
FLJ43681	1.74795	1.14669	1.27179	0.864026	1.22884	1.23008
GAS8	5.86943	6.95374	6.86101	7.94976	7.09451	7.23093
FITM2	13.1567	10.3154	10.8053	7.69206	4.98031	7.81196
MIR4708	0	0	0	0	0	0
TTC37	25.4843	18.2809	24.8145	17.947	22.8263	20.8041
KRT82	0.636028	0.69465	0.0283222	18.2679	0.166802	18.5816
INTS4	8.51156	8.0815	6.99882	7.92331	9.16639	8.40026
MIR4296	0	0	0	0	0	0
ZNF572	0.72341	0.879441	0.867073	0.622665	1.05587	0.995513
CAPN2	83.0429	67.6875	70.0276	63.9798	57.1621	51.2864
WTAP	63.6504	57.0188	56.0563	55.5319	65.086	54.5807
MIR3140	0	0	0	0	0	0
ASTN2	4.42332	3.53896	2.57237	2.74321	2.16505	2.91403
FAM74A2	0.0341673	0	0	0	0	0
RPL29P2	0	0	0	0	0	0
OR14I1	0	0	0	0	0	0
LOC339290	11.5212	11.7901	15.8659	13.5343	18.2979	15.7033
CD200R1	4.08193	3.61004	5.3799	2.52796	6.37028	3.21008
SH2D5	0.183565	0.352412	0.102933	0.111709	0.170486	0.313988
RARRES3	30.3424	32.3107	15.2283	11.4908	23.2757	8.46163
THAP7	20.4723	40.1225	25.5763	39.3507	28.7091	30.4733
TTC26	1.28855	0.761025	1.29972	1.03642	1.1845	1.30731
TRIM78P	1.91811	1.32665	2.52188	0.646957	2.16429	2.2309

SPAG4	0.447425	0.395585	0.508055	0.280083	0.52244	0.604102
CD53	15.738	12.3065	9.19408	4.3575	13.8626	6.42052
MIR216A	0	0	0	0	0	0
BAP1	36.9065	49.0908	43.4206	57.432	56.527	50.4501
DDR1	106.041	117.227	111.233	137.165	124.453	114.92
TTF2	5.38903	3.92072	4.06447	3.58509	5.07879	4.48588
KRTAP2-2	7.57494	2.29002	0.314686	100.793	1.82863	1296.01
LOC439949	0.797629	0.88253	0.428091	0.315967	0.596984	0.425315
MIR3174	0	0	0	0	0	0
ABCC1	14.1359	12.4592	9.85278	8.84567	12.4996	12.229
RWDD2B	15.1686	15.7102	11.6702	10.2318	13.9591	12.7319
TXLNB	0.701825	0.365006	0.67192	0.387649	0.841405	0.591706
RN5S17	11.918	288.669	37.0903	266.797	55.8452	49.0992
FECH	6.15194	4.82893	5.11174	4.21841	4.68653	4.07018
MIR199B	0	0	0	0	0	0
DUX4L6	0	0.0414532	0.00714616	0.0103414	0.0354733	0.00686307
ARG1	18.6435	7.9438	34.6879	30.2311	41.3925	43.9362
ADAMTS17	1.15556	1.55062	2.28424	2.91254	1.86104	1.92727
MIR203	0	0	337.362	836.924	283.839	555.425
PNLIPRP2	0.582906	0.128842	0.110316	0	0	0.0908106
EXOSC8	18.5379	24.5702	18.6793	21.3549	24.6898	24.0739
LCE3D	112.471	57.5593	37.2712	64.8547	86.0489	78.3752
PEX19	45.9792	39.35	44.752	36.4833	34.7269	29.9859
PLCB4	11.4182	6.25229	7.98975	8.76076	5.08636	4.98773
LOC1002871	0.64633	1.02871	0.781917	1.07713	0.704734	0.643718
CARD14	8.85249	8.60186	9.11129	10.4007	15.0041	15.1016
SNORD3B-2	1.29211	8.92501	6.75218	12.3855	10.1652	1.71102
CDC37L1	12.3166	13.1994	14.3152	10.5137	12.5195	10.3111
CAB39	39.2745	29.9447	33.3148	26.1887	30.478	29.9025
PYGB	90.8307	90.7644	50.263	68.9167	88.5392	79.1398
6-Sep	19.7281	16.0555	14.5139	13.1169	17.2507	15.1341
SERPINA1	3.61788	1.9084	1.44793	2.05724	2.2145	6.64303
GRB7	19.1561	17.0642	19.7887	23.4065	31.0799	38.8413
RMRP	16.1694	15.5956	1.11276	31.7459	17.7881	6.41205
VTRNA1-2	0	0	0	0	0	0
LOC400950	0	0	0	0	0.0167613	0.0491985
EBF3	2.93764	3.56142	4.22861	3.19723	2.94824	1.92769
ZNF643	0.965226	0.314407	0.461483	0.524718	0.258845	0.474859
PHYH	21.3593	26.5436	28.6334	23.5332	19.5424	16.6267
TXNDC16	4.89924	3.55101	5.087	3.73897	3.58501	3.71507
BIRC3	15.2749	11.4573	6.16107	2.7068	15.5665	6.10368
LOC149837	0.792815	0.434943	0.537914	0.10265	0.52235	0.170309
STK10	7.48792	6.24084	7.04037	6.01594	9.19394	7.29149

TM2D1	17.7345	17.492	19.5194	15.3972	18.9012	16.2717
HHIP	0.0552492	0.0488478	0.020912	0.103756	0.105565	0.0344289
WDR41	16.2234	15.3881	16.8121	16.8973	14.2786	13.6678
LOC284751	0.223602	0.35585	0.643218	0.377925	0.740549	0.25081
ST7-AS2	0	0	0	0	0	0
MIR559	0	0	0	0	0	0
LOC144817	0.152069	0	0.0767448	0	0	0
COL9A2	11.0743	18.0857	7.90275	18.3466	18.3745	19.7874
DUX4L4	0	0.0382792	0.007177	0.010386	0.122156	0.0206781
REM1	3.39292	3.84881	2.95615	2.82523	2.32406	1.6755
MUC3A	0.365958	0.367479	0.390152	0.156544	0.328254	0.155404
TNFAIP8L3	9.92991	10.0165	13.8039	11.3584	12.8501	11.532
IL19	0	0	0	0	0	0
GLT25D1	25.7297	33.6398	28.0377	32.2899	31.7136	27.0121
CAMK4	0.0910288	0.160964	0.103364	0.0427373	0.17393	0.170176
CCDC78	0.264321	0.993209	0.650301	0.746732	1.05217	0.947104
TMEM239	0	0	0	0	0	0
TMEM50B	27.9012	29.7208	33.1706	29.4332	35.6573	31.103
LRIF1	9.13312	7.79431	8.07613	5.16298	8.15844	7.55537
FLJ25758	0	0	0	0	0	0
SUMF2	85.5009	93.0774	76.9054	87.105	79.9054	77.5549
UFD1L	25.7828	26.1703	23.7088	24.0937	19.3239	21.1992
TRMU	16.6857	24.4837	15.9319	21.1982	20.3697	19.7547
LSM7	50.1471	96.7758	64.1079	88.7853	71.9588	82.7674
SUCLA2	27.7859	19.7537	27.0899	20.7124	21.1641	20.8547
GRB2	29.1808	20.0355	29.0827	20.9434	24.8263	23.2822
SLC37A4	14.3891	16.8557	12.4372	16.2499	15.8471	15.7625
IRF9	65.0728	78.941	33.62	25.2817	55.6753	27.741
FAM151A	0.678296	3.46E-07	0.645146	0.393141	0.342022	0.242263
BCL11A	11.9353	11.6678	13.5874	15.3376	19.433	15.5704
ATG4C	4.94889	4.46077	5.56257	3.57018	3.73771	3.57594
UBAP1L	1.97436	3.84033	2.39136	3.33701	3.42035	2.70674
RAB13	54.3183	52.0197	43.7961	43.0722	45.8564	42.2958
CCR4	0.767676	1.07466	0.774847	0.480557	1.79277	0.717575
TGDS	6.61687	7.34904	6.91326	6.82932	8.77694	8.48525
DDI2	1.573	0.861297	2.24256	1.42928	1.52344	1.02587
ZNF335	12.2604	18.8109	16.2874	20.3664	21.2209	18.9308
PARP1	18.6248	15.7312	16.3594	14.0413	15.4786	14.0312
GJA9-MYCBP	3.16508	1.42739	2.21922	1.79343	2.3571	0.826536
MIR3130-2	0	0	0	0	0	0
EXOSC7	29.3593	35.034	38.049	41.5606	41.1771	34.5806
LY9	1.15062	1.02239	1.10635	0.474314	1.77659	0.868351
MACROD2	2.17117	1.70245	3.64831	2.90423	2.89978	2.52271



LOC10050610	0	0	0	0	0	0
FAM66A	0.585409	0.396274	0.249276	0.519629	0.524321	0.307802
C7orf40	24.9332	46.7229	28.1337	34.6024	31.6603	22.4753
TLX2	0	0.0421103	0.108165	0	0.0606699	0.0296802
LOC10012834	1.94427	3.19243	1.26156	1.82564	1.32677	1.29813
GP2	0	0	0	0	0	0.329595
ANKLE1	0.645422	0.489121	0.674717	1.06779	1.05704	0.536266
OR2M2	0	0	0	0	0	0
MIR92A1	0	0	0	0	0	0
NOS3	4.21446	6.00941	6.11785	5.40712	7.48577	9.69104
CDRT15P1	1.35544	1.84194	1.10475	0.977458	0.73096	0.84465
MIR3198-1	0	0	0	0	0	0
LHX8	0	0	0	0	0	0
COPS2	26.6258	21.7767	23.3629	17.6066	22.0743	19.4784
LOC10050635	0.608366	0	1.09377	0.49984	0.726509	0.805604
MIR1265	0	0	0	0	0	0
SLC50A1	90.1635	93.9303	60.9378	77.1273	50.3859	74.1199
MCM7	40.895	59.1512	45.92	55.3365	63.042	50.2968
LEPREL4	4.48356	5.26266	6.17372	6.2787	6.17894	7.56298
RNF8	3.12459	3.47958	3.35092	2.92758	3.201	3.62005
OSR1	8.9561	16.9056	12.5198	14.0848	8.99372	9.82678
C22orf34	0.119405	0.281521	0.0301301	0.0373732	0.304199	0.347238
KIR2DS5	0	0	0	0	0	0
GFRA2	1.2871	1.10922	1.7712	1.40073	2.01167	1.84121
DOM3Z	9.82891	15.6985	11.0855	15.3978	16.6025	13.6628
MXD4	25.4309	37.4256	36.9976	40.9323	46.9396	40.3027
FLJ37201	0.347973	0.165661	0.405258	0.175938	0.221626	0.500405
HHAT	4.69077	3.87088	3.83378	4.7137	4.1219	4.37385
SLC45A1	0.54866	1.08212	0.447288	0.277406	0.698889	0.526002
FOSL2	24.4108	21.4313	32.5928	28.6575	28.8537	30.6825
UBD	19.3966	15.6763	4.77435	1.11737	6.13902	2.07632
SOCS7	4.98037	4.65554	6.02866	6.08278	6.38947	5.70343
IL1RAP	6.27595	5.52633	6.79928	4.65103	7.25565	5.83595
S100PBP	10.5162	11.6444	8.71239	9.6839	11.8911	9.72031
GGT3P	2.21237	2.33666	5.06245	7.09993	4.19205	6.08257
LOC402779	0	0	0	0	0	0
NPY6R	0.232904	0.0588341	0.201497	0	0.0847647	0.0414675
LOC10050737	7.23E-07	9.68E-07	6.26E-06	5.75E-07	2.04E-06	2.13E-06
NLRP7	0.068399	0.0839926	0.116503	0.0285444	0.139406	0.00947141
FBN1	6.91261	4.49138	11.7131	5.087	6.70128	5.48473
LOC10065290	5.23934	3.28252	3.98613	3.42326	7.27053	1.39918
ADAM1	4.88552	5.46926	5.18836	5.41251	7.58876	5.78227
LCA5L	0.729829	0.341613	0.812477	0.443428	0.792949	0.882844

CEP170	4.7414	4.01716	5.17425	2.3569	5.50312	4.17872
PRR5-ARHGA	5.71E-24	7.13E-17	1.08E-10	6.73E-65	2.36E-10	2.30E-20
ODZ1	0.940302	0.934458	1.77669	0.92399	1.6248	1.00835
FAM92A1	2.6439	3.95589	4.6957	2.00516	4.33932	2.40798
ZNF131	12.2873	8.86146	10.7936	13.2702	11.0042	10.5315
LOC541473	1.56718	4.26408	2.73855	3.39688	2.91766	1.72783
HSPG2	22.0067	23.9943	40.0921	23.7648	23.2357	19.8873
ZNF398	5.23991	4.29384	5.26242	4.98369	4.61651	4.36948
ANKRD2	0	0.322771	0.383833	0.373746	0.297081	0.412863
GSC	0	0.251175	0.35843	0.355675	0.180939	0
PSMD9	19.1194	22.3856	19.298	24.7106	19.3014	20.1815
CCDC80	57.4596	47.0403	126.431	34.0136	75.0252	49.0081
FAM177B	0.326516	0.0721713	0.123587	0	0	0.0508678
KCNS3	9.81475	8.52331	8.42046	8.02806	6.77893	6.57824
DUT	43.5554	57.761	42.2472	42.9264	51.9377	41.7203
ANKIB1	11.2312	8.73384	12.8721	8.98024	11.0604	9.12586
MRPL36	52.9001	56.3702	45.4667	54.6613	34.1338	40.4506
LOC10028950	0.978262	1.62187	1.38998	1.03528	2.02614	0.995489
TOR1AIP1	19.8045	17.5553	21.8757	16.9319	17.9961	14.9505
GOLGA1	11.3484	10.925	11.599	11.7141	14.3424	12.1231
PLCG1	25.6953	28.4576	29.3928	27.9499	40.7182	35.4223
DSCC1	3.54838	3.09755	2.48214	1.81355	2.3172	2.63105
POGLUT1	9.57158	9.04693	7.38756	7.59674	9.19348	7.31145
ZNF670-ZNF6	0.567585	1.44E-19	1.55E-144	1.59E-154	2.09E-42	0
INTS4L1	0.777928	0.850008	0.74843	0.569574	0.587199	0.435688
MIR4434	0	0	0	0	0	0
KCNB1	0.364794	0.115189	0.335326	0.244668	0.099574	0.146137
SLC28A2	0.0820817	0.0362857	0.0405788	0	0.0436106	0.00426249
MIR802	0	0	0	0	0	0
LOC10050564	0	0	0	0	0	0
TUT1	11.1662	15.3085	12.3851	15.3955	16.9918	14.9075
PTPRN2	1.26458	1.22621	0.864707	1.07258	0.876352	0.711816
SNORD48	0	0	0	0	0	0
MIR381	0	0	0	0	0	0
GKN1	0	0	0.115375	0.14311	0.194141	0
ZNF280C	1.21515	1.23825	1.07579	1.37308	1.36423	1.27061
GFPT2	6.66568	6.59358	6.14508	3.99706	6.07388	4.25659
PABPC1L2B	0	0	0	0	0.0592032	0.0651659
TCTA	29.3674	31.7911	22.6651	24.9749	24.787	24.3114
DTD1	23.3604	22.7758	22.4683	26.292	21.2985	20.4898
ZNF511	15.9863	20.5599	17.4209	21.1943	17.2314	16.2039
DYRK3	1.41957	1.75609	1.50358	1.64329	1.65617	1.76764
C6orf64	10.0099	9.99828	7.57757	9.14514	8.54646	7.11442

SIK2	9.73804	8.50402	10.1005	8.34903	7.72389	7.25363
PTH2	0	0	0	0	0	0
MRPL16	39.202	41.3221	35.3081	36.5414	32.0756	30.9672
LOC10050711	0	0	0.395546	0	0.665584	0
C11orf30	3.81558	2.92678	3.54787	3.07562	3.59531	3.10514
MIR197	0	0	0	0	0	0
SPANXA2	0	0	0	0	0	0
SNHG13	57.6322	80.5086	46.3547	67.5094	47.0758	56.3849
TBX3	14.1266	8.46452	9.29219	11.7257	6.81569	9.11764
GAL3ST3	0.05943	0.0262721	0.0674833	0.111608	0.208182	0.185171
CDHR3	0.543209	0.726897	0.611262	0.620349	0.504933	0.265315
CHST11	1.96619	1.91514	1.61454	0.876396	2.02691	1.51595
FMO2	6.00149	4.9283	12.5886	8.04294	6.01166	2.69781
RBMV2FP	0	0	0	0	0	0
MLPH	17.267	12.2502	7.71709	9.06035	8.32279	8.88989
LZIC	15.9413	11.4259	15.5241	12.1348	12.7653	14.1776
IL36RN	18.259	8.8124	16.3276	12.5707	14.3293	13.5334
PAR5	0.32138	0.0516626	0.486573	0.603542	0.372162	0.182064
KCTD12	25.6345	18.3157	21.3077	12.6035	18.9421	15.4683
LOC10032911	0.296058	0.0320503	0	0	0.0923547	0.0225897
DRD2	1.19452	1.02213	0.732248	1.1172	0.639663	0.53345
TMEM9	36.5781	37.6376	35.9704	38.9911	49.0342	39.466
ANKRD13C	6.56662	5.49156	6.18808	4.86283	7.27593	5.57909
LOC10050701	3.8237	3.38067	0.263142	0.979198	1.99255	2.38277
KRTAP9-7	4.37241	0.62129	0	12.1216	0	141.684
BLOC1S1	99.0361	130.98	113.483	145.767	112.806	109.345
IFITM5	0	0	0.404205	0.167124	0.340077	0.110912
LOC10028901	2.68007	3.07093	3.54965	5.92988	6.15579	4.89246
PEX5L-AS2	0	0	0	0	0	0
SNORD116-1	0	0	0	0	0	0
ZNF883	0.59687	0.86696	0.580929	0.680548	1.1676	1.35494
ABCA8	13.5072	11.8089	14.2465	6.13695	11.5914	6.41204
POMC	5.64315	8.47248	3.18765	9.87952	3.25205	7.08757
LOC10050691	0	0.203222	0	0	0	0
PRPH	1.02629	2.36928	1.33801	2.19503	1.34362	1.24355
BEST3	0.0278161	0.0306319	0.0262273	0.393805	0.158878	0.346983
PPY	0	0	0	0.357361	0	0.711488
TMEM55A	6.27414	5.5472	7.49091	5.33777	6.11474	5.11682
C1orf229	0.045158	0.399259	0.205109	0.46643	0.20133	0.225125
PRMT8	0	0.0766629	0.0328197	0.0407093	0.110451	0.0540336
GOLGA6L3	1.46312	1.4641	1.50197	1.45249	2.03196	1.44905
TPPP3	57.1272	97.9198	138.672	131.91	65.9125	72.4313
SNN	25.2395	26.0255	20.7402	19.6464	16.5525	19.0158

LOC10013227	0.186003	0.370016	0.211207	0.26198	0.414631	0.144886
HLA-DMA	51.9628	54.5733	54.193	42.7768	68.9326	33.5216
SULT1C3	77.4626	0	0	0	0	0.0820942
MIR941-4	0	0	0	0	0	0
KIAA0195	15.0885	19.5134	18.5124	18.113	21.8678	17.2544
UGT1A1	0.132754	2.15E-08	0.18428	0.119236	0.22707	0.0771546
PSMA5	28.8783	25.2314	20.4506	21.1135	17.4457	19.5213
IL11	0.776372	1.14403	0.946878	1.4175	1.64825	1.31702
CDH15	0.0697902	0.215964	0.0528316	0.229362	0.133349	0.217452
PERP	604.542	529.608	726.266	676.616	718.021	767.73
OPTN	50.5058	51.2277	52.7771	38.0511	48.106	37.7703
ACSM2A	0.0335625	0	0	0	0.0213761	0.0209147
FAM110C	9.42862	8.35795	5.2553	5.57089	7.21244	6.59653
COL15A1	23.77	18.6611	25.0922	17.078	19.9959	16.6654
MIR519E	0	0	0	0	0	0
OR7E37P	1.1516	1.73332	1.20251	1.34427	1.54593	1.14636
GUCY2GP	0	0	0	0	0	0.0208389
ABI3BP	9.52017	10.3075	18.7825	9.50221	17.1782	17.1945
LOC10050602	0	0.107711	0	0	0	0
SEMA5B	3.32761	2.7423	2.65897	2.52666	3.99018	3.00804
LOC10050577	14.8043	39.9411	23.1757	39.344	40.9292	26.4221
SLC17A5	7.77063	4.52756	7.50515	6.96103	5.27152	4.23008
MBD3	39.1635	60.6215	38.3176	59.0231	47.4051	51.8842
C3orf39	6.71202	7.44426	8.14769	8.72651	7.20919	6.85558
DAXX	26.7536	31.2056	24.9852	26.8956	28.8027	26.7049
SPRR2A	144.863	63.834	12.6633	78.8482	76.5904	53.1357
LOC10013015	0	0	0	0	0	0
OR13F1	0	0	0	0	0	0
MIR4512	0	0	0	0	0	0
LOC10012796	0	0	0	0	0.118144	0
UMODL1	0.0197871	0.0942895	0.014979	0.0743205	0.0708907	0.133584
LOC10050581	0	0	0	0	0	0
FBXW12	0.0733259	0.0648302	0	0	0	0.184079
SNORD116-1	0	0	0	0	0	0
FAM65A	14.4194	18.0364	16.5172	14.7067	18.3964	13.9849
MIR3136	0	0	0	0	0	0
SIRPG	1.58877	1.41243	1.29547	0.101883	1.08072	0.27046
TENC1	29.222	46.1739	47.4567	36.4441	44.1379	30.4102
CD1E	8.66724	7.82807	9.35732	2.47588	15.4894	5.12681
EFNB1	32.0382	38.2481	36.6934	43.6514	35.9261	41.2766
ADAMTSL1	0.859038	0.823666	1.1722	0.488696	1.17222	0.761209
MIR648	0	0	0	0	0	0
ROM1	3.27296	5.05354	2.7307	2.50177	3.07551	3.00944

CARD10	9.16662	14.659	6.52207	8.11345	7.94388	7.03886
KBTBD4	7.65142	4.51406	8.41444	5.67213	6.37683	5.56485
ZBTB8A	1.65931	1.63897	1.71733	1.38765	1.32928	1.21981
SBDS	84.7487	68.7098	83.1288	74.9663	64.5863	61.2484
RPL13P5	3.73984	2.13952	2.83108	2.27224	2.24181	1.64507
SEC61B	134.382	146.284	117.409	143.887	100.135	111.544
C9orf23	25.5759	36.3926	19.4355	25.8799	27.8551	26.8545
ARL8A	17.5422	20.603	21.0505	21.7997	20.4143	18.2462
KLC4	11.3385	13.4074	11.0306	16.1921	15.5964	14.6353
TAB3	6.0373	4.92816	7.08923	5.16796	6.83192	6.42197
MYADML2	0.0412426	0.0364641	0	0.0387262	0	0.128503
TMEM132D	0	0	0	0.0155774	0.031698	0.0103379
C6orf145	25.7798	29.0578	25.5501	37.1201	27.4051	21.6716
PSMD7	57.7067	48.3919	50.0553	46.8659	45.5025	52.3159
C22orf28	58.0149	57.2421	54.6329	61.3079	55.5838	54.0734
LOC10050716	0	0	0	0	0	0
CEP89	2.39338	2.69629	3.68205	2.46483	2.82744	3.1513
MIR147	0	0	0	0	0	0
MIR4664	0	0	0	0	0	0
EHD2	51.3503	61.2607	65.1813	50.2744	41.1825	38.7746
SNAR-D	0	0	0	0	0	0
ALPK1	7.41033	9.19678	7.95407	6.92457	10.5795	6.87091
KRT1	3355.55	3519.72	3478.32	3891.74	4106.52	4017.83
VPS4A	55.7964	64.3475	56.0564	60.3435	56.272	48.3437
COASY	56.6531	62.4881	48.6218	62.1927	55.1754	52.8968
PARD3	14.6823	12.581	18.6816	15.4673	16.5952	16.6959
FRMD4B	13.9155	8.8758	13.8148	9.28904	13.1643	13.1954
LOC1001328	18.2457	14.7653	12.3496	11.4485	9.4607	11.7445
CA1	0.398409	0.0880612	0.0696143	0	0.0634367	0.279306
P4HA3	0.0449163	0.55597	0.0680037	0.0843513	0.228859	0.531808
PDZD4	3.08427	4.06727	5.00599	5.71854	4.52809	4.64209
GPR150	0.25387	0.149637	0.192181	0.63568	0.0538971	0.0527337
DEFB115	0	0	0	0	0	0
DKFZP586I14	5.47409	5.06421	8.06829	6.02514	8.8201	7.45499
CARM1	16.7431	21.7727	21.1034	22.2485	20.1811	22.0625
LOC644669	0	0	0	0	0.0156106	0
PRMT5	24.942	25.5577	25.1918	25.5778	25.2978	26.8642
OLFML1	9.02051	5.85264	9.84041	5.70042	7.53649	4.70214
LOC1005056	0	0	0	0	0	0
HHIPL2	0.0782202	0.103736	0.325672	0.0367238	0.124547	0.170602
ABCA1	6.48471	5.96334	7.59769	4.38781	7.65477	5.8519
IMPDH2	126.22	167.771	143.395	177.086	150.896	138.278
LOC646813	0	0	0	0	0	0

ZNF600	5.73422	6.59655	8.38231	7.6989	13.5926	10.9581
OR5A1	0	0	0	0	0	0
METAP1D	2.8674	4.63751	3.54714	3.54614	4.1425	4.18382
FAM47C	0.0298303	0	0	0	0	0
RERG	11.9086	10.094	10.7575	13.1793	10.8053	10.9535
LOC10050726	0.326007	0.504411	0.431881	0.612231	0.519089	0.660249
SOX11	0.151909	0.0575608	0.098568	0.173206	0.0483759	0.0270467
LOC10012913	0.916674	0.484932	0.553604	0.772523	0.931549	0.56965
COL4A1	25.0948	19.6043	29.2767	15.2244	15.0062	16.9305
ZNF841	5.74622	5.94947	8.69985	6.83918	8.42718	6.81609
IQUB	0.0636304	0.084387	0.120421	0.119496	0.101316	0.158607
MT1G	0	5.39209	6.92513	10.976	2.58953	9.81784
SNORD114-4	0	0	0	0	0	0
ETFB	101.231	122.576	105.955	117.901	86.8936	91.5901
ANXA11	68.9116	79.8176	72.0551	65.8451	58.5432	54.084
DENND4B	12.7962	15.7009	11.4481	9.94165	14.7251	11.5671
CLK4	27.1843	28.8866	27.4247	22.4263	38.2938	28.9721
LOC10012882	6.8017	8.9191	5.6696	5.52556	6.5224	7.04834
KIAA0100	30.804	24.8328	29.8532	24.5494	24.7791	23.8352
CELA2B	0	0	0.0986011	0	0	0
TNRC6A	13.94	13.1498	16.8757	14.8734	16.5254	12.4698
NDUFA3	171.786	178.65	214.246	334.762	172.99	186.209
FLJ43763	0	0	0	0	0	0
LCE1D	14.1328	12.874	0.72945	0	61.918	58.9799
PYCR1	10.9068	7.07764	6.81737	7.18962	8.09371	8.91664
PEPD	33.2332	32.8762	33.0346	29.8147	29.9034	31.8223
ZCCHC24	18.2467	17.4467	23.806	14.287	15.545	10.8831
RPS14	1102.53	1626.53	1390.94	2061.55	1487.78	1351.83
TMEM86A	15.1289	9.74898	13.3267	11.9356	13.694	14.502
SCGB1C1	0.426289	0	0	0	0	0
FAM101A	1.38338	1.51844	1.91484	1.29684	2.14362	2.76415
CRADD	12.6894	11.8052	9.39087	9.95891	9.83101	9.73682
DIP2B	11.214	8.67657	12.8774	9.47985	12.3486	10.6952
GABRR1	0.0313185	0.0553797	0.0474166	0.0294076	0.0398939	0.117098
EPHA6	0.0266512	0	0	0.0250251	0.0169743	0.0332158
LOC10028890	0	0	0	0	0	0
ZNF207	52.5246	51.076	48.5881	50.4412	49.7292	43.436
NRAS	13.713	13.0287	16.4775	11.6704	14.5426	13.2928
VPS37A	8.04728	6.43311	7.92962	6.71384	6.7726	5.62329
HGF	0.900045	0.569159	1.03344	0.301781	0.789412	0.472715
LOC10050619	22.8153	34.6275	21.3946	31.5646	32.1458	29.2882
SPRYD5	0	0	0	0	0	0
OR52N4	0.336593	0.495991	0.169869	0	0.571675	0.139834

SNRPD3	52.034	56.5306	44.7614	55.4477	44.3383	50.5705
FYN	20.8272	24.9317	24.0071	17.7995	25.6629	24.1172
PIGZ	6.04934	7.71094	7.89452	9.44382	5.05835	4.30161
FGF14	1.17982	0.750165	0.97669	0.969675	0.727217	0.82693
CBFA2T3	4.15534	5.12091	4.18325	3.78739	6.1348	4.42063
CST9L	0	0	0	0	0	0
C3orf55	5.10165	5.48659	6.2731	2.64204	2.2836	1.63734
COG1	13.0419	11.2657	13.9804	13.0369	13.7064	12.157
C3orf62	5.27626	6.57442	5.44282	5.2367	6.66872	5.38337
GJB6	83.1003	66.3791	50.1753	151.445	89.955	251.815
ZNF574	5.72893	6.96809	6.85267	7.93532	8.38616	7.57397
C1orf53	3.15169	5.39889	2.53496	2.4045	1.63095	2.7005
BIN1	12.5728	16.8797	20.4817	16.0609	17.9167	12.9055
KIAA1274	8.37076	8.86234	7.55593	5.94973	9.77196	7.81785
CD79B	6.07168	8.25669	4.9942	6.19904	6.18334	3.78163
LOC92249	13.9897	11.6969	12.0023	11.8711	13.2222	13.0013
RGMB	14.2684	14.5776	19.5063	14.7475	22.4162	17.8883
C6orf221	0	0.101041	0	0.321927	0	0
TADA2B	11.5533	8.9005	9.7006	9.76984	8.39109	8.65438
PGD	107.844	106.859	95.2922	96.6021	78.3655	82.6943
LOC10013439	0	0	0	0	0	0
C11orf71	8.53511	7.73486	8.72252	8.81576	8.01819	7.18027
C2orf74	18.1576	25.0279	19.1564	12.6202	20.4878	18.531
TTL	0.078242	0.0254945	12.4454	15.7752	16.7857	13.1823
LOC644936	0	0.0345865	0	0.036732	0	0
MIR1914	0	0	0	0	0	0
LOC10050571	0	0	0	0	0	0
PRSS3	23.0432	31.2572	25.8082	36.5044	34.7777	31.3318
ACOT12	0	0.0459784	0.0393671	0	0	0.0324065
PLCH2	20.6619	33.1117	34.9697	32.8789	45.048	47.5879
KRIT1	12.8384	13.8803	12.9766	10.7624	15.1069	12.4488
MYO6	16.4076	9.97691	15.1193	11.9293	13.4627	14.259
INTS10	30.8727	28.5721	29.2962	27.0489	31.6582	25.0571
SNX8	6.78933	8.91364	8.1428	7.98804	8.51808	6.6011
TCTN3	19.0568	17.3321	16.437	18.7751	16.5914	16.788
CACNA1D	0.323804	0.407069	0.365479	0.549002	0.392887	0.441799
PARG	5.16789	4.46981	4.93535	4.49253	4.9205	4.60448
TLK2	3.92161	3.89694	4.73928	4.20625	4.17071	4.59635
C2orf72	4.22133	2.06	0.996022	1.36415	1.4665	2.90386
TIGD5	2.98153	4.86375	4.29154	6.38783	5.64336	4.63182
DGKB	0.172595	0.140124	0.0881823	0.109381	0.0919824	0.0977744
LOC10028740	0	0	0	0	0.0085273	0.00834323
MIR4801	0	0	0	0	0	0

SLC18A2	10.521	8.67744	11.3069	7.08356	14.8481	10.0781
GOLIM4	13.296	7.12168	11.29	7.06804	8.66988	8.52658
EIF4EBP3	34.6204	71.1228	40.0895	56.6006	47.6312	45.5857
LOC10050576	0	0	0	0	0	0
GNAI2	84.6163	101.934	88.8784	80.0383	98.1589	81.7036
RAB18	51.0339	45.1104	46.5711	36.2344	45.9525	45.035
CLEC5A	1.62361	1.58399	1.78005	0.94627	3.28055	1.88398
PEA15	81.3721	71.5098	84.7142	63.9928	78.6519	72.1844
ZNF645	0	0	0	0	0	0
RORB	0.435604	0.28885	0.370974	0.153384	0.0520197	0.203587
CTAGE10P	0.368116	0.230264	0.431062	0.221272	0.341381	0.333665
SNAR-A4	0	0	0	0	0	0
ANAPC5	58.1634	69.5129	60.6204	63.2658	64.8939	59.8198
LOC441666	0.629845	0.417652	0.205889	0.134786	0.455854	0.454935
ZNF407	1.72078	1.25633	2.11539	1.95331	2.03162	1.55691
SLC7A4	2.77039	2.48828	4.36085	5.94595	4.62125	6.93297
MAD1L1	9.61291	11.8344	8.85269	9.66469	10.0159	10.6433
FBXL5	34.9444	29.4028	32.2782	26.1701	26.3061	23.3322
YAP1	48.052	41.4657	49.1416	37.94	42.3153	39.4057
FLJ41278	0.0625309	0.027643	0	0	0	0.0194833
PSMD1	36.996	29.5074	30.0388	26.9781	23.3143	27.9906
H1FOO	0	0	0	0	0	0
MAGEL2	0.0903928	0.0998995	0.119749	0.148535	0.259073	0.0844934
PHF20	7.36675	5.79432	6.94314	5.71094	6.15233	5.72564
NCS1	11.2825	13.3118	10.4463	15.2749	11.7616	12.0792
PIP5KL1	3.21971	3.53646	2.75116	5.79225	5.86763	7.3149
RAVER2	8.2119	6.90635	7.49513	7.41663	7.49636	7.68117
BCL10	6.99164	6.23802	8.26533	5.39402	6.54735	7.12011
SEBOX	0	0	0	0	0	0.127655
LOC729400	0.0259872	0.00765876	0.160659	0	0.0919523	0.0881681
C10orf88	4.43336	4.77178	4.25587	4.22318	4.89013	4.12397
NAA16	6.57918	5.8293	6.9202	6.66781	8.31803	6.9255
NUCKS1	53.3344	43.852	52.413	47.7925	46.3453	38.361
APOC4	0	0	0	0	0	0.328212
TG	1.1425	1.39635	1.22949	2.73456	1.01302	1.22848
TJP1	20.1504	14.5568	18.6868	14.8935	17.732	15.7671
SPDYE3	0.317681	0.958912	0.741759	0.529474	0.660818	0.457859
NFRKB	10.9208	10.7543	10.4602	10.6841	12.3552	12.2893
BAZ2B	8.34743	6.4334	7.50578	5.8773	9.1038	7.58311
RNU1-9	44.1589	60.1765	24.1518	70.2567	27.227	27.9645
PRSS30P	0.100724	0.267162	0.177914	0.126104	0.98366	0.376602
DLGAP4	40.4291	46.1768	48.7875	61.2464	56.289	59.2916
MIR4757	0	0	0	0	0	0



LOC1005061:	0	0	0	0	0.177848	0.348018
E2F2	3.28081	3.72008	2.77825	4.83849	4.46246	4.66645
FAM27D1	0	0.15195	0.130101	0.161376	0	0
PDS5A	20.5276	18.2915	19.9687	16.6985	17.0493	16.4312
CHSY3	0.675734	0.721908	0.916499	0.528753	0.80696	0.438634
FBXW7	26.0401	31.1674	37.8181	36.7068	41.2496	34.0056
POLR1C	18.5311	25.0536	17.488	25.6715	20.9588	19.4708
PRSS58	0	0	0	0	0	0
C15orf62	8.52006	6.06219	11.7324	9.02879	14.574	17.445
TMSB10	1199.94	1490.4	1044.96	1175.97	1118.25	1049.18
GTF3C4	4.84106	2.95873	4.12236	3.73575	4.24075	3.96005
PTPN21	8.45825	7.24711	13.9933	9.06851	12.3414	12.0941
LYN	5.80422	4.65021	4.03306	2.95586	6.66124	3.60693
VTCN1	9.99815	4.4028	5.46463	14.3903	8.31021	14.674
APOBEC3B	4.32979	4.81571	0.215854	0.147532	3.38014	2.52409
ENOSF1	20.0193	24.0468	18.2787	23.3827	22.7185	18.1737
TUSC2	20.0597	22.0165	16.4389	22.3195	20.2256	17.8297
C14orf109	24.4796	22.0076	19.3982	20.9411	16.7445	17.2969
LOC728741	2.62291	2.3466	1.75272	3.64775	2.49982	2.00367
LOC1005069:	1.36E-56	6.56E-19	4.75E-25	2.97E-38	4.78E-16	0
CYTIP	2.95964	2.6985	2.20545	1.04214	3.23986	1.84432
FLJ22763	0	0	0	0	0	0
GPX4	433.757	720.687	572.984	663.883	429.462	353.801
RPL23AP64	2.1638	1.53047	4.09502	2.6413	2.20502	1.21355
TRIM34	6.76242	6.91191	4.7467	5.3315	6.66266	5.30026
MIR432	0	0	0	0	0	0
LOC440104	24.09	32.9538	31.0969	33.1714	43.3214	30.5952
C17orf76-AS1	772.021	1072.99	992.214	1240.51	866.212	864.976
CBX3P2	0.683848	1.14205	1.20791	1.14155	0.967881	0.994338
HDAC4	5.1082	4.44185	5.70871	4.46027	6.23185	5.74291
SH3GL3	0.695842	0.506235	0.856315	2.22568	0.249286	0.977352
E4F1	16.8245	27.6055	23.7841	32.2204	29.4139	30.3395
CDC14B	5.7059	5.19415	6.32282	4.95998	5.41533	4.43603
RRP12	6.55066	8.56655	6.44952	8.13005	6.4917	7.6932
TOMM6	140.41	170.328	134.475	160.885	139.243	134.348
FGF5	0	0.0540811	0	0.471779	0.0521598	0.182266
MRPL50	18.5366	18.1087	16.8908	13.2154	18.5837	16.8277
C6orf123	0.513564	1.25713	0.274086	0.386335	0.787666	0.760075
GSX1	0	0	0	0	0	0
PYCR1	5.0195	7.88229	5.35941	7.77332	5.22487	5.67231
MIR1302-3	0	0	0	0	0	23.0587
BGN	49.9171	62.126	58.6239	103.031	78.3476	85.1852
C1orf105	0.11977	0.423573	0.272	0.112462	0.305129	0.447814

SEC14L5	0.384405	0.666662	0.884183	0.472012	1.20532	0.875261
LOC10050671	0	0.262141	0.112224	0.278403	0.377677	0.923813
CAPZA3	0.21374	0.47244	1.21352	1.30454	2.45038	1.79812
TPT1	1860.29	2104.28	2268.07	2283.55	1993.52	1975.31
ADK	23.6265	19.6131	21.4452	21.4233	17.6985	17.7633
EHBP1	19.2158	13.1312	19.3384	13.7869	17.235	13.2733
LOC10013059	2.15639	2.20579	1.62927	2.00944	2.63005	2.03184
LOC10050548	0	0	1.35089	0	0	0
MIR4719	0	0	0	0	0	0
LTBP2	21.1127	15.6826	16.8033	18.5465	17.3864	27.2025
ZNF793	2.85882	2.14962	2.45659	2.53364	3.17387	3.00526
LOC10050659	1.70039	1.47331	1.41592	1.56471	1.7761	1.58942
RAP2A	12.2045	9.80591	12.1724	9.82868	11.3334	10.8667
SH3BP5	31.3673	28.9376	44.2587	32.9662	31.3991	29.6031
LOC10027071	33.2727	62.7178	38.7694	55.8812	44.6677	48.1714
MIR4419B	0	0	0	0	0	0
GJD3	2.94138	3.36797	3.43122	2.89774	3.50107	2.62922
STK16	10.7836	13.4748	10.2032	13.7299	10.9657	11.7642
LOC10028896	0	0	0	0	0	0
GMCL1P1	1.22654	0.602461	0.954289	0.735809	0.82459	1.29511
TBC1D3P1-DI	1.91869	1.33987	2.44508	1.61228	1.41394	1.76072
PSMB7	183.7	182.823	153.892	175.348	149.313	165.291
NMD3	18.7975	15.2562	16.1197	12.9966	13.8429	13.2238
P4HA1	10.5006	6.3131	11.1814	7.78328	11.64	9.81506
HIST1H2AH	0	0	0	0	0.261833	0
SLCO1B3	0.0738981	0	0	0	0	0
MYLK3	0.320106	0.0628927	0.0179498	0.0222648	0.052857	0.022164
LOC10050769	0.712395	0.719834	0.963013	0.764489	1.65287	1.49035
E2F1	5.04933	6.86058	4.91849	7.70452	5.41509	6.20051
ASNA1	57.4217	57.5837	53.9587	54.7313	50.4178	53.7551
EFR3A	19.1211	13.4555	17.9793	12.6913	13.6808	12.9434
RN5S14	17.0257	185.325	66.4116	238.893	40.664	30.5323
PHF11	30.365	37.5741	24.9754	25.4364	31.4842	23.7285
LOC10028759	0	0	0.236211	0.292995	0	0.0972231
ZNF354B	9.54225	8.51896	8.95013	5.24498	9.90189	9.22405
LOC339524	30.8681	29.4442	18.6714	12.49	14.6277	13.5447
ZNF862	6.08982	7.2034	7.95518	6.87227	9.09414	8.85481
LOC10013258	0.322639	0.0534857	0.146696	0.681644	0.279724	0.353417
MMP8	0	0	0	0	0	0
SELK	41.7457	48.1303	41.8657	37.4755	38.7621	37.6714
LOC648570	0.056149	0	0	0	0	0.0349897
FMO1	1.88278	1.92074	4.31238	2.53853	4.64289	4.15158
PGPEP1	3.04934	4.03811	3.62017	3.27953	2.98593	2.41085

IDH3G	38.2902	55.8596	39.6418	59.465	45.5977	39.4692
LOC645431	0	1.93E-171	0.175259	0.0963914	0.0974696	0.174345
LOC10012890	0.199536	0.176417	0.3021	0.187361	0.762514	0
PSMC5	127.821	144.1	113.077	134.436	118.227	125.254
BTBD3	12.4461	10.0486	11.6035	10.5184	12.5098	12.6718
MIR3163	0	0	0	0	0	0
OR8H3	0	0	0	0	0	0
PSD3	4.3911	3.03986	4.59693	4.3338	3.94525	3.72024
SLC25A33	12.6595	11.651	10.48	10.0797	8.01578	5.02859
MIR1270-1	0	0	0	0	0	0
SLX1B-SULT1	2.95939	8.98078	4.21383	3.69767	4.75572	4.27802
ELL3	14.9562	15.1481	18.1158	17.623	20.154	17.3752
MIR4760	0	0	0	0	0	0
ZNF331	10.0797	9.90247	11.1605	10.8696	11.6009	9.23192
LTA	0.797568	0.91172	0.31803	0.0739646	1.55701	0.306796
MAGEA2	0	0	0	0	0	0
RNF14	17.9509	14.928	15.9814	15.3472	14.0151	13.841
SLC16A13	7.40173	6.75696	7.60753	8.70176	5.97899	8.1749
KYNU	9.05444	3.44474	1.67898	1.66693	1.2112	1.26387
BSG	360.674	452.849	348.842	412.597	336.814	402.985
MAPK1IP1L	11.609	9.93718	10.1776	11.4573	9.80656	9.39977
FAM86FP	1.43594	1.42447	2.19762	2.69607	1.179	1.41144
TSPY10	0	0	0	0	0	0
SF3B5	117.1	155.064	123.809	173.142	114.516	127.783
PELI1	19.1184	14.5607	20.6865	19.2446	20.4818	19.1009
LOC143188	0.401016	0.272733	0.537088	0.492409	0.609053	0.422901
CXCR2	2.14826	1.23364	2.05413	1.66362	2.57492	3.4301
POLR3C	11.7289	11.5665	12.5926	11.9134	12.5701	11.6663
ZSWIM1	5.30902	6.56512	6.32715	6.4335	7.47095	7.11595
LOC1005074	3.09248	2.53869	2.84195	3.521	2.24955	2.19059
SFTPA2	0.104521	0	0	0.0436194	0.0591734	0
TCTEX1D2	9.61765	11.5828	10.297	14.7092	11.1571	12.5433
NDUFB4	124.504	130.612	113.959	126.277	99.737	97.0027
SMYD1	0.547264	0	0	0.0205549	0.0139422	0.0682064
LOC728323	1.41623	0.717718	1.34631	0.522897	0.568811	0.613998
GDAP1L1	0.0454696	0.0402013	0.0688414	0.0426952	0.0579196	0
MIR22HG	30.0715	32.3579	33.2311	27.5457	24.6754	16.7569
FASTKD5	10.2762	7.90958	8.17224	7.76928	6.31908	7.32845
PRDM10	4.33746	3.53313	3.50132	3.73677	3.29169	3.47233
LOC441956	0	0	0	0	0	0.0347991
PLIN5	82.2755	99.9573	86.4624	74.7269	72.402	86.5095
DUOXA1	28.6732	35.4321	30.385	34.9757	38.2201	30.3894
PEX16	35.8915	58.1654	27.9115	36.8293	27.5937	28.8769

NES	18.8756	17.4215	11.975	10.6538	9.05221	9.11509
GSTK1	248.004	289.358	203.903	241.623	210.866	175.435
OR5W2	0	0	0	0	0	0
MTX1	18.9194	22.3692	22.5023	25.0573	20.7685	19.8505
OR5B3	0	0	0	0	0	0
LOC731223	0	0	0	0	0.213357	0.417503
LOC10065306	2411.67	3961.45	2752.31	4595.16	2937.65	2795.29
S100A4	511.864	672.531	565.05	560.7	429.631	299.658
NDUFAB1	121.96	114.14	96.647	98.2406	94.7364	97.7326
CD209	1.86678	0.674099	2.0879	0.931459	2.48297	1.07709
AGPAT5	5.54634	3.84304	4.35655	4.04879	2.70197	3.17454
OR4F3	0	0	0.267843	0.18688	0.0473234	0.0198437
FARP1	9.99534	8.85112	11.0655	16.3081	12.6474	14.8013
SDR42E1	9.37037	7.51995	8.78493	6.49745	8.53889	8.21983
COPS3	34.3336	30.4876	30.0871	27.438	25.8842	26.3487
CDK13	12.1546	11.5331	12.1867	10.4212	11.9003	11.1583
RNF151	0	0.140313	0.240274	0.447051	0.303231	0.0988952
CYP46A1	0.346826	0.963732	0.90017	1.02352	1.19915	0.648383
LOC10050726	2.31585	1.84277	1.05186	1.08727	1.76997	1.29882
TXN	266.019	287.185	292.069	314.744	253.342	258.847
DNMT3L	0.0619754	0	0	0	0.0394856	0
LOC10050681	0.70842	1.1632	0.970407	1.96391	1.43953	1.87094
EGFL6	1.08515	1.65878	17.0552	7.43327	1.22144	0.753515
MIR3151	0	0	0	0	0	0
KLHL31	3.53862	2.31695	3.8286	2.14722	2.5408	2.12191
WFS1	12.9578	15.465	12.6845	11.2312	18.8598	16.5859
UGT2B17	0	0	0	0	0	0
WBP11	29.4531	28.1305	27.2667	26.0706	29.0822	25.2045
SHE	3.44782	2.44688	2.59832	1.8873	2.37319	2.14854
LNPEP	1.89199	0.959017	2.75791	1.28312	1.61603	1.40627
RASA4P	16.9573	18.444	17.4903	19.278	18.443	15.8724
LOC10050620	0.0837766	0.04938	0.147978	0.0524433	0.106716	0.069608
LOC10050590	0	0.0394052	0.0337391	0	0.085159	0.0555472
NUDT15	14.5505	11.6007	12.8313	13.2792	10.5029	10.1808
ATP13A1	18.0896	26.4477	21.0382	24.0159	24.0136	23.6475
LGALS4	1.90719	3.44907	2.03438	1.79082	3.92016	2.53902
RAET1K	0	0	0.0837364	0	0.0352257	0
LOC10050606	0	0	0.0837777	0.103917	0.0704862	0.0229883
MC1R	2.84726	7.09954	3.36629	6.36841	5.37918	4.92416
TNIP2	20.472	29.6001	18.2153	21.0891	21.9244	17.3107
EMR3	0	0.0782061	0	0.0830576	0.140843	0.0551213
RNF213	14.4595	13.7181	11.2069	7.2973	14.7244	9.49078
LOC10050603	6.43984	9.53168	7.40277	8.10734	9.41842	8.50169

SNHG9	75.4061	90.3262	90.2278	82.2254	80.5607	75.7902
SIGLEC1	3.20577	1.96899	2.08317	0.719244	3.26142	1.64413
TARP	1.93084	1.40587	0.859797	0.213297	1.95315	0.424664
C19orf60	45.3312	89.0928	50.2282	78.1137	68.4945	70.2317
GMIP	6.59442	7.75737	6.1554	5.4574	8.84496	7.78341
TSG1	0.020133	0	0.0457224	0.0189046	0	0.012546
TEX28	0	0	0.21031	0.0325955	0.447931	0.135257
MUC16	0.137567	0.127242	0.0288385	0.00794914	0.102449	0.0540816
CNBP	122.417	123.085	119.008	117.824	121.3	108.588
C2orf73	0.054076	0.0478106	0.0818717	0	0.0344413	0
IDO2	0.621268	0.510051	0.0671862	0.375017	0.423952	0.387148
IFT88	4.6339	4.47532	5.86553	3.89122	4.66011	3.21719
FIBIN	3.63503	3.24308	5.85369	4.21999	5.13546	3.58312
C1orf65	0	0	0	0.0460048	0	0
APH1A	93.675	103.614	99.1368	106.479	109.894	91.0779
PTGES3	78.1212	73.1892	76.1413	72.4439	70.1891	63.9755
LOC1001293:	0.128306	0.0810287	0.0416265	0.0172111	0.0466965	0.0685328
TRPM8	0.256024	0.286723	0.310098	0.400671	0.13045	0.276542
GRPEL2	9.03704	8.30454	7.77478	6.03571	7.59879	6.97656
LINC00319	0.165406	0.438725	0.425725	0.869757	0.737437	0.700904
L3MBTL3	3.26771	2.59818	3.89675	2.81512	1.99142	1.65547
TSHB	0	0	0	0	0	0.15821
PNMA2	0.338714	0.29947	0.497734	0.318047	0.393388	0.3104
PIN1	34.4391	56.2723	37.8802	49.6235	42.905	41.2802
CYP1A1	0.925309	0.68175	4.29034	6.29916	4.76378	1.70581
FAM103A1	13.6801	12.3664	12.8056	12.2808	11.9287	11.9923
MIR3656	0	0	0	0	0	0
NACAD	1.33959	1.77676	0.983349	1.18162	1.29285	1.55583
GPR61	0	0.0625557	0.0267804	0.0332182	0.0225316	0.0661358
MIR4446	0	0	0	0	0	0
MIR1288	0	0	0	0	0	0
C6orf222	0.262047	0.16218	0.119023	0.172241	0.200279	0.163297
PLA2G3	9.85157	9.02121	8.25673	3.96449	9.21259	5.45696
OPN1MW2	0.0575772	0	0.0653793	0	0.246512	0.179897
TNFRSF10D	2.27886	2.55539	2.18794	2.11372	3.41614	1.92231
CCNB1IP1	37.6017	50.4179	34.752	54.0654	39.885	35.5828
TRAP1	48.3228	63.5512	48.3714	55.0746	66.1577	58.4584
MSH5	4.43787	3.60546	4.82933	6.00718	3.86779	3.95092
ZMIZ1	26.9151	21.4848	28.816	24.7889	29.6649	28.9697
P2RY4	1.10128	0.687307	1.56928	0.790773	0.866452	1.29181
ARAP2	8.83094	6.9174	9.90055	6.30394	9.32479	7.74774
TMEM70	10.1632	10.5123	11.4179	8.89455	9.14094	9.25384
MIR125A	0	0	0	0	0	0

MIR4498	0	0	0	0	0	0
GTPBP5	10.5964	11.5766	9.37552	12.168	12.4447	11.2508
MRFAP1	202.466	213.696	193.981	207.843	191.579	199.995
ZNF629	6.6941	7.18278	7.12538	7.86444	7.7864	6.03199
CASR	0	0	0.0152839	0	0	0.0125815
LOC643542	0	0	6.77E-13	0	0.0211683	6.13E-13
RNF216P1	6.2075	7.9519	6.10471	7.78686	6.61283	5.60656
METRNL	48.5954	56.0222	74.9688	87.7744	85.9682	96.8425
MIRLET7F2	0	0	0	0	0	0
LOC1002877:	0.547021	0.193457	0.496918	0.205458	0.418081	0.340881
FAM196B	0.221461	0.0244752	0.125735	0.0779805	0.088156	0.189757
LOC645405	12.3175	6.97665	10.9271	7.22872	11.8902	13.3126
NEU4	0	0.0581569	0.168995	0.152441	0.117928	0.107957
MIR365-2	0	0	0	0	0	0
RGS6	0.624158	0.460845	0.759554	0.456888	0.574967	0.422047
LOC1005068:	1.40251	2.35096	1.98497	1.46416	1.48685	0.90677
SFMBT1	5.93414	4.82673	5.20957	4.49142	4.23905	4.17476
MYL3	0	1.37032	1.17328	0.727662	1.97427	0.965827
ORC1	0.782962	1.69357	0.970014	1.12096	1.25358	1.10978
NRP1	20.9626	15.2649	16.7073	9.30531	13.2333	10.1906
SRCIN1	1.809	1.38456	1.89063	2.21835	3.06957	3.43236
UTP14A	6.27676	6.14633	5.26252	7.31773	6.76572	6.71782
SNORA5A	0	123.09	175.652	130.726	118.227	144.594
MIR551B	0	0	0	0	0	0
DIXDC1	7.61819	5.5778	8.13586	5.62558	5.88828	4.60617
LOC1005064:	0.996239	1.24217	0.947532	0.719579	0.764666	0.636732
RLBP1	0	0.159198	0.0454356	0	0.0382272	0
MILR1	1.76413	2.14463	1.16852	1.44943	2.52807	1.23675
LOC1006528:	1.25E-07	2.34E-08	1.10E-06	1.14E-06	5.71E-08	6.64E-07
EBP	150.491	161.795	109.105	136.436	97.7193	143.018
ARHGEF18	8.59105	9.07909	10.8862	10.1968	11.2855	9.94907
LOC440895	1.41193	2.17821	0.489454	1.32409	0.0779922	0.0611463
FLRT1	0.973771	1.12999	0.760186	1.0858	0.562056	1.19466
CMKLR1	5.15693	1.89966	3.23116	2.7783	2.72795	3.21818
FOXJ2	10.5462	10.6564	12.665	10.6759	13.9695	10.6986
MRGPRG	0	0	0	0	0	0
IL5RA	0.288677	0.056717	0.158001	0.0406508	0.258233	0.220326
PPP1R3F	2.29482	3.32844	2.336	2.53177	2.5833	2.16231
NXNL1	0.266138	1.17651	0.604403	0.749698	0.593266	0.248769
MDN1	4.66081	3.69352	6.04031	3.52433	4.92127	4.75147
ZNF445	3.49456	3.17911	3.82887	3.37632	4.09412	3.31234
LOC441869	9.35263	14.6931	15.0039	20.4446	18.0098	16.0808
CAMK1D	6.217	3.69833	6.46173	4.21792	6.39028	6.04064

LOC1005065:	0.210811	0.465964	0.877717	1.28666	1.4098	0.591157
SNORD114-2:	0	0	0	0	0	0
MT1DP	0.615345	0	0	0.300375	0	0.383457
COLEC11	0.857597	0.611578	0.288535	0.883699	0.242758	0
SLC25A12	14.6456	12.7977	13.4705	13.7062	13.3389	12.3513
DGKI	0.0808496	0.0893526	0.137708	0.303666	0.128734	0.0377865
RAB39B	0.141166	0.0998477	0.0854905	0.0530209	0.359637	0.105562
LOC1005075:	0.947098	0.10467	0.358479	0.88931	1.13102	0.95906
LOC642423	7.81183	12.8613	8.40265	12.9576	10.675	12.8797
LOC1006528:	0	0	0	0.549034	0	0
LOC1005076:	0.61145	1.03316	0.336304	0.234697	1.52579	0.974973
MYL12A	245.6	226.366	213.487	198.613	192.749	190.345
LOC1005060:	0	0	0	0	0	0
LOC1005062:	0.710566	0.942356	0.806853	1.33442	0.905126	0.885589
FZD7	21.8234	16.9615	18.1724	25.2573	21.2855	24.8901
HP07349	1.64587	9.14684	4.27178	3.97402	5.09158	5.27472
PAR1	0.12598	0.148511	0.127157	0.0394311	0.0534916	0.0785054
LOC1005070:	0	0	0	0	0	0
LOC1001321:	6.49103	3.29648	7.96661	3.78247	7.71812	8.59385
PARVG	7.17633	9.85722	6.21085	3.95093	16.9114	6.64308
HHLA2	0.0377347	0.0111209	0.0856961	0	0.0721003	0.052908
LOC146880	30.8899	45.5782	33.0258	35.9698	52.1864	41.4716
LOC1006530:	6.10328	7.81573	9.87844	5.92897	9.91993	6.03283
FLJ14107	0	0	0.129007	0	0.144719	0.0707978
TBC1D23	16.2444	14.8727	16.5952	13.7775	15.9339	18.0741
SPINT1	118.388	110.472	103.573	153.501	118.598	139.178
BLID	0	0	0	0	0	0
BIK	5.01879	4.7701	2.94442	5.53727	5.11439	6.09862
PLAGL1	27.6748	32.1833	34.1795	23.7601	42.1399	30.9531
ROPN1	3.00864	1.56077	3.84829	6.23463	1.91622	3.10356
LIN28B	0.0348916	0	0	0.0327627	0	0
KGFLP1	2.23174	1.65303	2.23089	1.86178	2.3153	2.24831
LOC729574	0	0	0	0	0	0
LOC1005068:	0.538906	0	0	0	0	0
SGCD	1.81325	1.44448	2.13442	1.0141	1.49419	1.061
IL2RA	0.676382	0.516467	0.418929	0.202081	0.939908	0.191587
ARHGAP15	4.6006	3.85626	3.48268	2.97343	3.99566	2.56904
NHLRC4	0.655725	1.2041	0.572754	0.52099	0.706766	0.660078
MIR378E	0	0	0	0	0	0
SLC9A9	6.59818	5.18816	7.02146	4.69747	7.61258	6.85846
BICD1	0.602744	0.479949	0.642468	0.620825	0.418799	0.43054
RSPO3	4.45476	5.12444	1.9581	1.66418	1.00677	0.716391
BUB3	42.0636	37.757	39.2785	34.4876	38.0009	39.0921

MEF2B	3.08279	8.35098	5.05531	7.80874	5.8755	4.31634
ASMTL-AS1	15.5711	11.2243	10.5159	18.4289	15.6162	6.63589
SNORA33	49.2882	174.31	335.803	0	156.96	61.4286
AIFM2	16.1194	21.8112	15.1489	9.10196	10.0117	8.23873
BTNL2	0	0	0.0605615	0.07512	0.203813	0
OR2A9P	12.0968	12.8131	14.7787	15.2951	22.961	18.5097
ADAM11	0.661108	1.50024	0.900833	0.993233	1.79654	1.18099
USP22	46.4394	44.2861	43.1516	45.3542	43.5502	39.853
LOC1002878:	0.241273	0	0	0.226551	0	0.150351
OR2J3	0	0	0	0	0	0
LCE1E	8.31542	5.99989	5.35446	6.73108	31.716	23.7649
CLDN14	0.643396	0.0813857	0.0696831	0.76637	0	0.802437
BCORL1	1.84225	1.82945	2.37485	1.66717	2.31267	2.36258
EIF3B	82.0248	88.2675	73.9981	90.2154	79.4379	74.8036
TMEM14E	0	0.0756511	0.0647731	0.321376	0.0544968	0
PSORS1C2	19.0963	10.1824	37.1086	143.171	40.4372	574.45
CLEC2A	1.31551	3.60559	7.46888	3.58221	3.26764	3.85293
STK38L	12.207	10.7091	10.2707	14.2123	11.8425	7.92479
TCHH	31.94	4.29569	1.44195	107.38	3.21756	82.8831
SYVN1	29.2141	30.2017	28.9102	31.0901	26.3993	30.8702
RAB3D	21.0321	21.7112	33.6501	37.1278	38.0721	33.1554
LRRTM4	0.0270735	0.0276993	0.106724	0.172701	0.0199537	0
DUX4L2	0	0.0414532	0.0142923	0	0.0294608	0
NPPA-AS1	1.2272	0.113259	2.07547	3.29516	2.66131	2.34169
NTF4	10.1164	25.2728	14.3368	23.8583	19.7791	19.3522
LOC10065278	0	0	0	0	0	0
RNU4-2	0	195.829	23.9529	148.555	80.6108	19.7177
CLEC18A	0.797844	1.32591	0.533082	1.76519	1.36599	1.1706
IL13	0.0864466	0.305723	0.196322	0	0.110117	0
BRWD1-IT2	4.37E-06	1.08102	0.00038188	0.474706	4.31E-06	0.674067
BACE1	11.4628	10.0688	12.9426	10.5249	11.6721	10.751
VAMP7	9.46716	12.3572	10.3341	9.44211	11.4423	10.4882
HINFP	9.09469	11.0665	10.6915	13.0935	15.3797	14.0521
TDRG1	0	0.281184	0	0.0995425	0.0675189	0.198184
MIR4715	0	0	0	0	0	0
C4orf51	0	0	0	0	0	0
KCNMB4	3.19222	3.05275	3.69876	4.77144	3.9418	4.42507
PECR	100.038	89.0865	55.7622	41.3018	39.2772	47.4621
RAI1	7.06342	7.71477	8.71578	8.71781	8.95001	8.21697
AFF3	1.55237	0.619316	0.618594	0.471507	0.802889	0.552849
C17orf61	110.064	131.029	107.138	138.895	94.5169	93.4832
SCARNA21	37.0029	0	0	0	23.5674	23.0587
TAPT1	7.828	7.40606	7.84255	7.37018	8.73505	7.19221



MIR576	0	0	0	0	0	0
C1QA	25.0682	18.4698	16.6047	10.0039	18.2945	9.37287
LOC10050693	0	0	0	0	0	0
LOC286114	0	0	0	0	0	0
MIR4697	0	0	0	0	0	0
ARHGEF12	26.3205	20.0688	29.0374	23.6188	25.2131	22.6319
TMEM95	0	0	0	0	0.0615767	0.0602476
MYBL2	3.32408	5.2901	2.85186	5.30614	4.21073	5.50079
ZNF585B	3.41692	3.11628	3.46047	3.33849	3.6957	3.61592
VANGL1	5.30414	4.76705	5.40066	5.18629	4.27164	4.67118
OR2T10	0	0	0	0	0	0
MIR3666	0	0	0	0	0	0
RTP1	0	0	0	0	0.0293503	0.0861503
SHPK	8.52198	7.77922	7.86112	7.14657	7.17317	7.54408
TSPY8	0	0	0	0	0	0
SLC15A4	14.4451	13.944	13.8926	13.6983	14.5422	12.1733
ZNF503-AS2	1.13336	1.72592	1.80943	1.87851	1.59388	1.52258
GNG8	0	6.17185	2.6422	3.27736	2.22301	6.52507
LOC10050743	0.921712	0.81492	1.04661	0.432736	0.293522	0.861558
INE1	3.69362	5.20465	7.68924	7.04488	8.38073	6.54548
LOC10050642	0	0	0	0	0	0
PIH1D2	1.87071	1.35255	1.06553	1.07368	1.32949	1.22099
SNX14	20.9869	19.5095	19.8705	13.0155	16.1809	17.9491
LOC10050754	1.38867	1.66996	1.62343	0.89369	1.34624	0.875769
IL1RL1	0.753204	0.809594	1.06516	0.367025	1.15984	0.662951
NQO2	112.096	119.083	87.8045	86.7921	69.7206	74.0627
C18orf18	2.79001	3.66275	3.58409	3.57242	3.3924	3.10844
OR11H6	0	0	0	0	0	0
C1orf190	0.848563	2.80067	1.79876	1.91256	1.89134	2.18521
SNORD3D	1.29211	8.92501	6.75218	12.3855	10.1652	1.71102
CRELD2	20.8368	27.1822	19.0762	21.4078	18.7873	19.1597
C9orf9	6.76817	8.57166	8.16997	10.9928	11.767	11.057
SNORD71	0	0	0	0	0	0
TSPY26P	0.461179	0.570844	0.558584	0.173216	0.881183	0.68973
CSNK1G3	7.65014	5.59222	7.46058	5.56326	6.8739	6.51277
HNF4G	0	0.0209927	0	0	0.0151225	0
DTNBP1	10.2914	13.3049	9.35251	9.44643	12.3382	9.7107
HTATSFP2	3.83669	2.59509	1.93626	0.964628	2.60384	2.15569
UCKL1	26.0671	35.2479	24.3996	31.9389	32.2289	26.5078
HES7	0.705911	0.624122	0.346275	0.899424	0.610072	0.435401
SNORD115-1	0	0	0	0	0	0
GSTM2	128.036	166.847	115.085	146.718	167.165	116.575
LOC10050723	47.1207	61.6265	47.2407	49.8648	52.3696	49.8704

TMEM41A	18.0498	17.8323	18.4502	19.0049	18.9426	18.9079
CCDC18	1.50817	1.21402	1.19281	1.0991	1.44801	1.29051
CTRB1	0	0.124093	0	0	0.089393	0
ZNF275	3.5216	3.74164	2.68875	2.52617	2.5991	2.09091
LOC10065270	160.824	135.738	122.76	138.162	109.948	106.088
ADSS	25.8061	21.5768	22.0113	24.299	21.0601	17.3579
LOC390858	0	0	0.220736	0	0	0
ZNF132	2.49007	1.91188	2.57947	1.19983	2.00329	2.34798
TECPR2	3.70389	3.37005	4.07671	4.51563	4.16395	4.50194
LOC10028708	0	0.136555	0.467679	0.145026	0.19674	0.192494
LOC10012870	0	0	0.0398613	0	0	0
PLCXD2	0.150086	0.0884196	0.0756965	0.187961	0.127348	0.0311703
TMEM238	17.7353	28.4436	13.8941	28.659	15.3675	12.9796
CPNE1	51.5548	63.2347	52.063	59.3049	62.8023	58.1548
LOC219731	0.313718	0.471528	0.379977	0.353491	0.459559	0.312793
OTOP3	0	0.0517532	0.310181	0.109927	0.0745629	0.10943
GALR3	0.0979121	0.259703	0.07412	0.183876	0.311804	0.0610147
MIR338	0	0	0	0	0	0
FLJ30838	0.0904371	0.0799588	0.051346	0.127378	0.0144	0
FAM98B	10.5307	5.96814	9.05257	9.10523	8.8055	7.28644
OR4M1	0	0	0	0	0	0
FAM179A	0.830478	0.416078	0.440073	0.805799	0.793404	0.931533
ZNF608	2.65088	2.59915	3.8591	2.58487	3.92869	3.62151
KAT5	24.4367	30.0235	27.1066	31.0114	31.6094	29.9548
MIR4672	0	0	0	0	0	0
OSBP	25.5695	22.2215	23.6322	22.2118	22.2852	21.2254
LOC10065295	0	0	0	0	0	0
TSPYL4	10.9451	9.71855	11.8669	9.06165	14.1668	11.3968
ZIC2	0.234001	0.0591112	0.17714	0.125556	0.319364	0.291639
BARHL1	0	0	0	0.0511966	0	0
TCTEX1D4	0.437147	0.463798	1.19132	0.410474	0.890949	0.435859
RPA2	28.0735	26.5009	26.5416	25.9577	24.6341	23.3384
CNGA4	0.217579	0.0961849	0.205886	0.357531	0.346443	0.338965
C7orf58	3.75803	3.44454	5.27416	1.66519	2.44803	1.69258
SCARNA10	0	0.696312	0	1.47902	0	0.98155
RPSAP52	0	0.0877785	0.150313	0.0932238	0.189699	0
TIFA	9.65252	6.76453	6.59831	5.30476	7.05243	6.4375
VSX1	0	0	0.0406974	0.0504807	0.0684814	0
RMND1	10.7702	11.0132	9.34721	10.8792	10.0815	7.59282
TNK2	25.5213	45.3468	35.1472	51.5174	49.8953	51.5782
C11orf74	10.5163	9.0283	6.80711	8.15727	5.9213	7.12313
ADH6	0	0.319135	0.249087	0.622937	0.364913	0.512017
HOPX	359.951	236.161	472.892	365.213	565.07	533.154

LOC10050766	0	0	0.0435383	0	0	0.0358402
CD151	144.745	174.484	167.809	205.132	154.903	167.037
DHX29	12.0699	8.67895	11.0235	8.28137	9.46779	8.7908
NUP54	18.3741	16.5503	19.8844	17.901	19.4402	16.0999
KCNA5	0.661506	0.55408	0.13178	0.130767	0.266095	0.0885917
CCDC50	15.1685	13.1044	15.4783	12.2184	14.0735	10.775
NGRN	91.2403	93.1517	82.3303	87.1836	80.5185	81.645
SACM1L	22.274	17.1469	20.9619	15.0846	18.8648	18.0459
DUSP23	51.9779	65.3783	44.9899	74.4068	47.8461	47.18
RNU5B-1	0	0	0	0	0	0
SLC5A9	2.01027	2.324	2.20046	2.90361	2.57993	5.52995
MOB4	16.0057	9.87243	12.5709	10.1097	11.6028	10.3356
TAF7L	0.473683	1.20106	0.816079	1.14162	0.80415	0.874251
LRRC29	3.2934	3.97049	3.3189	4.45531	5.40138	4.17047
LOC10050730	0	0	0	0	0	0.0392179
LOC10050719	0	0	0	0	0	0
PDCD10	39.8974	32.7348	31.9474	22.7875	29.8487	27.0044
ANKRD45	0.225394	0	0	0	0.0957033	0.0468187
ZNF667	2.0975	1.87726	4.24772	3.70517	4.97916	5.45578
SPATA21	0	0	0	0	0.0979296	0
PAPD4	22.7477	21.3791	24.2662	20.3629	26.5455	21.72
LOC10050659	0	1.17632	0.251761	0.624712	1.05916	0.829032
RABEP2	16.8838	23.6971	17.6185	30.1172	26.4612	27.3656
PAK4	23.2432	20.5123	20.1442	24.9828	25.5324	28.5991
FGF10	2.90841	0.791211	0.16936	0.210073	0.997438	0.697077
LHCGR	0.0961751	0.28344	0.436831	0.301023	0.142927	0.139842
USP5	34.2395	34.1955	34.0199	36.3882	39.4012	38.382
TM9SF4	23.4898	22.199	23.0534	27.0297	27.1575	25.4864
AKAP14	0	0.316883	0	0.138313	0	0.315137
NPIPL2	10.332	14.685	26.6803	40.1188	19.8862	13.7677
MICALL1	28.7658	27.5232	24.1041	26.9634	26.1337	32.5196
CNTLN	1.70407	2.16179	1.89411	1.25736	1.71204	1.36409
SENP2	11.5988	11.3214	13.393	11.2686	13.2972	11.449
C11orf88	0	0	0	0	0	0
GPR101	0	0	0	0	0	0
HEATR7B2	0.0364345	0	0.0275812	0	0	0
LOC10050741	0	0.144795	0	0	0.104306	0.204109
MIR4450	0	0	0	0	0	0
ANO1	45.4913	35.4786	37.8969	34.0191	31.0393	28.1779
TIA1	36.6886	34.1679	34.7213	28.1646	43.4956	38.7634
PDE7B	1.30235	0.867536	0.91836	0.418797	0.68176	0.566987
LYPD3	343.757	341.071	343.502	382.273	404.977	429.779
UBL4A	28.1189	33.6814	28.3704	35.5635	28.0867	31.0289

TINAG	0	0	0	0	0	0
LOC10065286	0	0	0	0	0	0.0455459
GH1	0.189302	0.847406	0.431843	1.027	1.6919	0.177744
TRANK1	3.01023	3.1461	2.4012	1.62	2.976	2.08303
LOC400958	0	0.0289885	0	0	0.0208825	0
PLK3	10.2462	14.5401	17.2075	16.7762	17.3566	25.6473
NLN	4.00953	3.01371	3.21719	2.71852	3.08252	3.12492
LOC10050549	36.5018	22.1499	34.069	15.7315	24.099	21.3936
LOC10050694	6.31E-07	7.61E-07	3.73E-07	4.38E-08	1.39E-07	6.88E-06
IL17C	0	0	0.0841161	0.313011	0	0.20773
RGPD3	1.25036	1.20645	1.617	1.35303	1.47355	1.39649
LOC10050657	0	0	0.267167	0	0.449562	0.219929
CEMP1	16.4671	34.5962	17.3406	26.0043	30.843	24.3833
LOC10065295	22.1048	29.2293	17.0793	26.0688	22.7226	21.5503
LOC645954	0.537733	0.267429	0.679252	0.280513	0.419544	0.29786
MMP1	1.80284	0.624627	0.155145	0.20527	0.487319	0.278133
TNFRSF11B	0.562817	0.497608	1.01598	0.447173	0.303314	0.107915
DDX59	9.07245	8.68004	9.52216	9.1362	9.96547	7.12841
FAM122A	9.08949	7.34685	9.09975	7.42384	8.37543	6.93779
RRAGB	10.1059	9.74722	9.19732	9.69069	11.3441	8.00527
CRAT	465.484	597.702	276.121	290.946	146.878	200.851
MIR4469	0	0	0	0	0	0
CD3E	6.82249	9.29936	4.62668	1.60155	10.0937	3.14433
MIR1203	0	0	0	0	0	0
GPC3	13.8129	8.47712	23.0391	11.6402	18.8253	10.7995
FZD6	20.0212	18.6383	25.3157	19.3516	22.0793	24.5482
C1orf182	0.516037	0.304165	0.260428	0.48455	0.547778	0.750335
KRT33A	1.69122	0.0393204	0	17.9566	0.283252	173.71
LOC10050568	2.09452	3.13572	2.02232	1.81779	1.83983	1.80151
PGR	0.802669	0.398848	0.75792	0.416246	0.954132	0.390647
ARMCX6	25.5179	28.0641	26.8133	40.7091	36.5272	34.3968
FDX1L	14.7066	22.8846	11.0216	24.3043	13.7692	19.0013
NRIP3	0.436433	0.635544	0.544159	0.626758	0.539582	0.463943
KLK5	121.859	88.4987	127.211	135.493	166.248	214.362
OPHN1	3.1855	2.57482	2.95774	2.94736	3.48233	3.55516
COX18	6.404	6.45734	5.13971	5.77192	6.0158	5.96603
LACE1	1.44223	1.79316	1.36472	1.43887	1.00468	0.926825
LOC10050564	0	0.563188	0	0	0.129322	0.396946
LOC10050593	31.5188	25.9665	28.9207	22.8696	24.9407	23.2122
SIGLEC11	0.138636	0.0622177	0.139932	0.101701	0.0622497	0.0194899
SRPK3	0.93402	1.09935	0.707059	0.826218	0.890565	1.03225
ZHX2	6.88007	6.83098	7.02861	5.62399	7.54433	6.56286
KRTAP10-6	0.301378	0	0	10.7101	0.156325	33.3463

LOC1005075:	2.58997	1.41973	1.72535	0.680944	1.68256	1.38801
PTPRR	0.152623	0.341567	0.464211	0.611461	0.681383	0.311265
GJC3	3.68515	1.99111	1.7048	2.88358	1.43433	1.8499
MIR3609	0	0	0	0	0	0
LOC1005074:	300.159	311.678	272.934	332.49	257.05	239.523
SF3B3	16.7657	16.0849	16.1972	16.3626	18.7079	17.8403
MTA2	42.3496	50.7336	45.4208	47.233	48.6126	45.2063
AA06	0	0	0	0	0	0
MIR4701	0	0	0	0	0	0
MAST2	12.7172	13.6164	12.747	12.5868	16.1897	16.4054
BAX	33.5517	48.6808	25.6763	32.9061	37.1433	36.7127
TUBB4	0.890523	1.78731	0.686155	1.2405	1.12499	1.42621
OR10A7	0	0	0	0	0	0
B3GALNT2	14.5338	16.3428	12.4955	15.4663	13.7087	13.7949
ZFP161	8.91944	9.05509	9.62873	7.1852	9.54239	7.62947
DACT2	1.82699	4.18785	4.63576	7.71983	4.67604	3.90043
LOC10028679:	2.66258	2.6005	2.20589	2.16289	3.45039	1.7861
ZNF607	4.15427	4.36123	3.98481	3.52369	5.21843	4.59336
RPAP1	6.66608	7.46783	8.1179	7.484	7.89799	7.25018
C8orf39	0.373246	0.660001	0.565098	0	0.594306	0.232591
FAM24A	0	0	0	0	0	0
TUBA3C	0	0	0.0261345	0	0	0
FAM180A	3.95531	1.9028	4.18306	5.6802	4.44558	3.91465
PPIAL4C	0.0539201	0.0834273	0.0481067	0	0.134565	0.358408
ALCAM	37.2054	18.9077	27.7326	18.7981	22.294	23.5406
ZNF483	0.339559	0.517231	0.324099	0.446841	0.28606	0.163366
PDS5B	6.01809	4.41347	5.87928	4.29467	6.12466	4.70553
KRTAP9-8	11.1903	2.28897	0.457811	100.206	1.24285	1251.41
DEPDC4	0.294361	0.260255	0.222833	0.368534	0.437454	0.428011
ZWILCH	4.87314	4.69429	3.83555	4.2483	4.62798	4.48994
TUBA4B	3.40464	2.73061	3.4764	4.08906	2.52169	2.91107
LOC10050729:	0	0.296872	0.423641	0.210193	0.213858	0.697473
PLN	13.1083	11.1542	4.47235	4.91183	5.17386	3.98838
HIST1H1D	0.656244	0	0.124195	0	0.313474	0.204472
GALNS	11.2961	13.519	11.1199	14.8819	15.0183	13.5968
WIZ	14.3315	19.0066	16.0085	19.55	17.8692	18.5016
PSMD8	121.509	132.194	108.544	116.843	97.0477	128.558
CHADL	3.41074	5.40965	5.61706	5.70276	5.28058	5.04758
TTLL5	5.18026	3.89754	4.93645	4.99771	5.34363	4.58266
ZNF529	9.26995	9.18883	8.15648	8.31795	11.5907	8.87535
IGFBP1	0	0	0	0	0.0409435	0
TMEM117	4.49785	5.09414	5.37467	3.94417	5.0665	6.02269
COIL	9.15381	9.00368	9.87443	9.99197	8.67221	8.93659

GJB2	208.115	151.821	79.4644	177.265	150.269	316.245
FAM20B	14.3455	12.114	13.0656	12.0188	10.0391	10.0632
TEX13B	0	0	0	0	0	0
PRPS1	11.4039	12.5326	11.4957	10.2068	11.548	9.61338
DGKG	1.16418	0.537345	0.532553	0.301877	0.666216	0.630887
RNU6-15	0	0	0	0	0	0
TAF9B	13.2389	11.2433	9.93717	8.71924	9.59572	11.0153
CHKB-CPT1B	0.947533	0.744101	0.54645	0.273886	2.61476	0.648881
LOC285370	0	0	0	0	0	0
SETD8	22.156	28.338	24.098	26.5432	23.959	25.2329
CTCFL	0.0854048	0	0	0	0	0
TMEM109	60.5437	52.1025	45.1249	51.3082	49.4853	43.9722
MIR4300	0	0	0	0	0	0
SLC25A45	5.94847	9.91159	8.27795	7.60601	8.81447	8.35476
C9orf125	5.31678	5.17954	8.3478	7.07253	9.81396	9.0806
ISY1	7.80919	10.4629	7.54388	10.2294	8.60122	7.85081
ABCC6P2	1.00244	1.06614	1.28367	0.489738	1.16639	0.524357
AWAT2	297.067	241.113	144.957	124.382	133.266	195.037
ASMTL	9.99066	10.4803	10.7082	13.1057	9.81654	9.93416
LOC10012919	1.46644	4.26005	2.32594	2.55723	1.95692	2.04523
DCAF6	25.9797	21.3856	23.3716	22.6451	20.3138	21.3909
AP1G2	43.9289	59.7864	41.4293	56.0664	65.4903	58.5008
MIR659	0	0	0	0	0	0
CHKB	49.1165	79.2573	46.003	60.272	71.4162	60.8396
C21orf33	133.033	153.722	117.325	125.106	108.094	114.893
SERTAD2	13.0456	9.59136	13.8442	10.3976	13.6864	12.8519
OR13C5	0	0	0	0	0	0
DCAF16	14.821	14.497	16.2007	14.1766	16.4379	12.8319
CYP4F24P	1.10506	1.7365	0.309717	0.10458	1.9805	1.71671
KIAA0232	11.7204	9.21822	11.913	9.73275	8.92661	7.79054
CXorf67	0	0	0	0	0	0
NUS1	38.2851	29.6957	27.9182	24.1483	22.4788	25.1838
SNHG3	33.897	42.6252	19.6613	29.373	19.9239	25.1644
VPS13D	11.2073	9.65071	14.318	11.0539	13.1962	11.4941
MIR1295	0	0	0	0	0	0
FLJ46020	0.135276	0.318939	0.204809	0.423405	0.574385	0.280993
IQCF4	0	0	0	0	0	0
LOC1002875	2.19406	3.15226	4.1523	2.31772	3.49353	2.39268
TTLL1	3.94615	6.16645	4.26082	5.19407	4.09176	5.09905
CST11	0	0	0	0	0	0.246305
ATP11B	12.2953	9.30954	14.3594	8.38754	12.6767	12.1927
TTLL13	0.175383	0.206751	0.132766	0.219576	0.186171	0.109291
RRAGA	70.1657	66.0659	63.9042	69.8026	57.282	59.7659

MAPRE1	46.3221	40.3792	38.7496	35.0412	34.5054	30.6567
PCDHB2	1.27493	1.22761	1.49504	0.975248	1.00504	0.810803
OR5AK4P	0	0	0.0980475	0.121617	0.0824922	0
LOC728975	2.43631	2.5302	1.67127	1.96621	0.861396	0.811373
ZNF77	2.42644	3.30735	2.56391	2.32586	3.18742	2.5831
CHST9	0.136274	0.200809	0.171934	0.725104	0.202519	0.226454
LOC1006528:	0.555066	0	0.197034	0.104601	0.531218	0.187817
5-Mar	14.172	11.5408	11.6129	12.6303	11.2591	11.3879
LOC285696	0.0595067	0	0.0450469	0	0	0.018541
IL4R	23.4927	28.981	17.0573	15.3999	24.5572	18.3775
SNAR-G1	0	0	0	0	0	0
BNIP3L	83.924	72.1889	91.5331	71.7617	74.9719	76.224
FAM71E2	0.0932592	0.549693	0.423587	0.116759	0.89096	0.368063
TIRAP	5.48221	4.38959	5.35422	3.32304	4.64215	4.14021
TPD52L1	99.1894	83.8201	68.9526	99.8327	53.8722	76.8013
LOC1005072:	0	0	0	0	0	0
TOM1	41.5799	40.8445	42.0993	57.676	47.2263	51.001
ZFC3H1	13.8748	11.9852	13.8535	12.3918	16.3108	14.2771
SCHIP1	1.64378	2.92827	1.0817	3.27887	3.37216	2.44023
EMX2	2.77049	2.89084	3.59527	2.0363	3.74059	3.23836
RNF168	6.76028	6.48569	7.55386	6.19585	8.13037	6.96891
MTUS1	39.3895	28.6416	28.2871	33.746	28.6345	29.0666
CCDC90B	18.1915	16.984	17.6592	9.49683	16.0392	17.385
LOC1001309:	1.26275	0.558221	2.23045	1.58093	1.34042	1.70493
LEO1	14.5091	10.5915	10.8029	8.33561	11.3991	9.99317
SLC26A10	1.65321	3.03443	1.31326	1.49747	2.36762	1.65861
OR2AG1	0	0	0	0	0	0
ANKRD28	12.0002	10.6098	12.2075	9.56754	11.5848	9.588
TSPAN10	1.05276	2.21062	1.89275	3.70697	1.08958	2.82916
TBX5	0	0	0.0203812	0.0379211	0	0.0503468
C7orf51	1.09645	1.16329	1.26578	1.1325	1.29192	1.96437
LOC1001340:	7.14E-89	0.278283	0.0940442	6.97E-272	0.121277	0.191683
LOC1005074:	2.50847	4.7481	2.2129	1.84909	1.52945	0.909295
ZMIZ2	33.7273	41.555	39.0338	42.3903	52.3247	40.0575
LYAR	11.3013	9.1982	6.99615	6.58152	7.1571	7.36473
CEACAM19	10.4035	11.2436	11.9355	11.4319	14.8142	15.9912
DUSP28	3.44204	4.07794	4.16904	3.42595	3.5953	3.4748
MTRR	13.1808	10.3203	11.5543	9.79961	12.6012	10.6383
NDUFB11	174.266	223.119	164.675	242.004	164.219	174.728
MME	18.4533	15.5637	18.8076	6.10842	7.31973	6.50078
SCARNA17	1.34074	5.92698	2.70652	2.93751	1.70785	3.62046
FGFR1OP	8.21601	7.86049	8.11155	6.72585	8.14847	8.67686
PRELP	21.7338	17.9754	25.4725	20.0896	18.7114	18.182

PNPLA2	140.076	202.264	195.959	144.892	137.489	112.292
FHOD1	9.63493	12.9348	10.7294	9.90414	11.1427	9.19572
ALKBH1	3.77607	3.92368	4.3025	3.87465	5.15712	4.29378
KRT3	0.308262	0.428286	0.300029	0.620257	0.36462	0.274423
PLCB3	10.9258	15.1107	10.9924	13.1129	13.4081	14.1792
TNNI2	3.43336	3.87336	11.8011	18.0287	11.3814	9.24077
NCKAP1L	3.4121	2.98791	3.57932	1.74344	5.69184	2.58831
C3orf37	36.0859	36.2599	30.2025	32.8297	33.3591	33.0873
BCYRN1	10.7603	65.5274	24.8741	85.5748	45.7644	69.5171
LOC286297	1.26826	0.583678	0.607144	0.207248	0.362616	0.217594
LLGL2	32.6378	34.7458	34.1558	44.3152	36.2889	37.3077
APOC4-APOC	8.16E-09	4.93E-09	6.84E-09	0.0994233	4.63E-09	5.96E-08
LINC00204A	2.03638	3.76641	1.4053	2.26341	1.65297	1.27187
NANOS3	0.596823	0.395755	0.451799	0.420306	0.47515	0.278936
FAM19A3	0.487692	0.354933	0.0820403	0.636022	0.0690247	0.270141
DAGLB	10.665	13.6348	10.9778	14.2576	13.4094	13.2384
AKD1	2.92914	1.8699	1.77671	2.09472	2.09954	2.41494
LOC10050748	0.0546525	0.241602	0.0827445	0.205271	0.104425	0.2384
HIST1H2AB	0.351582	0	0	0	0	0
LOC10050696	2.87229	1.64629	2.57921	2.75283	2.57374	2.13552
MIR581	0	0	0	0	0	0
C14orf119	15.1977	14.2378	12.9398	13.7077	12.8345	14.6196
TMEM163	0.549781	0.923556	0.249712	0.103247	0.315143	0.890761
NLRP4	0	0	0.100934	0	0.0339683	0
CD22	0.901173	1.21348	0.955771	0.812361	1.658	1.00938
KCNJ1	0.441246	0.847411	0.49739	0.53569	0.943514	1.05986
MIR371B	0	0	0	0	0	0
C19orf75	0	0	0	0	0	0
BCL2L2	43.5139	37.5756	45.3874	34.7215	39.9424	36.5293
COG4	25.7288	29.0266	25.5555	26.6955	33.0009	37.0022
TGFBR1	8.87577	6.00775	6.69604	5.51798	6.1113	4.98766
LOC728066	6.20822	6.03048	5.72979	5.63777	5.70897	6.0628
RAE1	17.0989	21.8082	18.3225	22.0219	19.8674	20.6985
LOC10065285	1.96E-06	1.17E-06	0.149147	1.75E-05	3.21E-06	0.00731517
MSI1	0.775888	0.536863	0.383055	1.52045	0.751994	2.87998
C6orf70	15.2522	23.0734	17.3939	16.042	22.74	17.0032
DCAF7	13.5274	10.4319	11.7309	10.6556	12.5215	11.2396
LOC494141	0.242127	0.199557	0.127285	0.133412	0.129581	0.0885391
GOSR2	18.6155	18.1054	16.2305	14.5787	17.2891	16.9926
EN2	0.261129	0.128263	0.175712	0.13622	0.147835	0.144644
LOC10050584	0	0	0	0	0	0
PLEKHG6	10.7232	17.0223	12.2299	13.0032	11.1547	9.16206
CD84	1.96078	1.5419	2.21529	0.711764	3.07397	1.58167



CAND2	1.32843	1.43538	1.14424	1.48389	1.15236	1.05607
MIR4502	0	0	0	0	0	0
APPBP2	9.54743	6.43204	8.33336	6.26295	7.93231	6.74957
P2RX5	0.204752	0.394477	0.111068	0.257759	0.39189	0.228016
NDUFS2	78.6269	75.4333	57.4875	63.0852	67.2206	65.5507
RAC2	27.0918	32.5446	19.1711	12.4429	27.1483	15.6897
USP53	11.7148	7.03287	11.5177	8.13459	12.4446	9.55332
PACS2	11.0142	14.9885	13.6154	14.3339	14.3184	13.0446
PLEKHG7	0.0906929	0.0801849	0.04577	0.141932	0.154034	0.131871
GLS	25.2211	12.9401	20.956	19.7107	15.9257	14.7173
RALGPS1	7.61271	6.04347	7.59397	7.03836	10.3923	7.73251
ATP6V0E1	159.295	125.738	119.676	130.489	110.763	142.589
GALNT14	1.77355	2.22142	2.15374	3.1919	1.97678	2.37158
MIR125B2	0	0	0	0	0	0
HTR3C	0	0.0549606	0	0	0.039592	0.0387374
IFI6	111.754	147.279	26.007	12.4105	32.8957	15.461
AADAC	2.78535	2.69716	3.16278	1.3077	3.75919	3.55407
TMEM174	0	0	0	0	0	0
CAPN8	4.10136	4.5647	3.39696	9.37859	4.73265	15.6956
STX11	2.87856	2.51419	3.2092	1.32689	2.01115	1.45678
PDPN	10.849	12.226	8.97155	11.1373	7.72306	8.38851
EYA4	1.12615	0.935354	0.323401	0.301438	0.216602	0.138193
SNORA47	0	32.7157	0	0	23.5674	0
RPL13AP6	27.5	42.611	35.2092	56.5185	34.3148	35.1044
LOC728034	2.73403	2.62934	3.50865	3.85158	3.42956	2.64687
RELN	0.73179	0.510453	0.775509	0.51159	0.730139	0.607994
HOXB4	1.72535	1.79464	1.53658	1.23888	2.26241	1.48625
SYNPR	0	0.137139	0.11742	0	0.0246953	0
TRNP1	7.18241	7.52621	4.95383	9.1421	6.84484	8.25532
ARL4A	23.5165	18.9313	19.4149	16.5696	23.1448	23.3253
VCY	0	0	0.0522141	0.064766	0	0.042982
SLC2A8	10.5533	15.0923	8.87247	10.9597	10.9959	10.1222
RPL31	580.587	781.277	715.574	944.676	710.058	676.765
ZNF835	0.468702	0.541903	0.518568	0.203125	0.597038	0.33701
MCTP2	2.83875	2.41121	2.39245	2.43032	2.27997	2.28156
LOC91149	0.0837479	0.0370223	0.0633976	0.0196595	0.0400046	0
SPATA4	0	0	0.068589	0.0850773	0.0577073	0.0564616
HSD17B10	91.2734	96.5397	91.2716	103.403	78.1037	84.1384
MIR3689D1	0	0	0	0	0	0
LOC10065275	1.72939	2.37847	3.34562	2.4358	2.44768	2.93369
FLJ44342	7.54868	8.65031	9.45629	11.5136	12.2839	8.46483
FTSJ2	20.6992	21.5374	17.0298	23.186	19.7963	17.5441
BCL9	3.68296	3.67336	4.8848	4.18705	4.57508	4.33407

AMFR	25.0394	26.5321	23.7712	23.9218	21.8955	19.2108
OR4D11	0.127905	0	0.0968244	0	0	0
DMBX1	2.76902	2.60115	1.88662	2.19783	1.41101	2.0921
LOC283392	12.2482	20.325	17.8016	8.07637	11.6134	9.42283
SV2B	1.04903	0.919666	0.816123	0.533526	0.768274	0.555647
TIMP2	115.092	92.6269	140.017	86.3849	110.629	87.4984
UBE2Q2P3	0.923281	0.762139	3.14681	2.05451	1.80474	1.48672
C18orf54	1.13227	0.933208	0.958825	0.792879	1.18565	1.04043
LHB	0.299153	0.793476	0.679381	1.4045	0.95266	1.11852
ADRM1	73.7338	100.484	72.814	95.2658	78.6854	88.7382
HAO1	0	0	0	0	0	0
SETP20	2.3474	1.12419	2.59145	1.46945	2.05572	1.52375
IAH1	32.5627	39.2911	32.126	30.7012	26.3492	24.4498
RPS6KL1	1.63048	2.06406	1.5148	1.63538	1.98252	1.57025
ZNF24	17.9064	13.4362	16.0532	12.7916	16.9191	14.0637
ACAA2	132.397	125.598	92.9937	90.0013	70.5153	82.0694
ZNF248	7.53102	7.14778	6.10503	5.56811	8.23344	8.14194
ILK	62.1404	71.4387	57.7603	58.9708	66.9754	56.8537
IGLL3P	0.449929	1.0608	0	0	0.764166	0.498447
CECR5	26.43	28.2752	26.2943	33.1836	27.365	28.2229
SLC6A18	0	0	0	0	0	0
EPGN	0	0.257997	0.110449	0.822004	0.0929265	0
UPK1B	0.450516	0.796635	0.113681	0.235015	0.127527	0.124774
B4GALT2	35.3597	49.1882	39.0939	47.54	39.0518	35.2382
MOCOS	7.97007	3.50708	5.25489	3.58669	2.66675	2.38031
LOC10012929	1.02543	1.03632	0.854743	1.02059	0.445665	0.562394
ARMC1	14.7191	11.1958	11.7601	9.68391	12.5758	10.8807
LOC338667	0.178319	0.220722	0.809932	0.468829	0.249859	0.0444484
PSKH2	0	0	0	0.0918405	0	0
SLC46A1	3.74549	2.68139	3.03797	2.78671	2.91467	3.16982
TNKS	7.03071	6.19003	8.38167	6.78639	7.75334	6.35433
MIR1238	0	0	0	0	0	0
LOC10012815	0	0	0	0.490277	0.166275	0
TUBB6	94.616	108.836	68.8314	68.5947	63.2727	68.6617
MIR4735	0	0	0	0	0	0
MAEL	0	0.322805	0.138194	0	0.0387565	0.0379199
NLRC4	0.459401	0.620905	0.256292	0.4883	0.544138	0.418684
JRK	5.34335	6.28353	5.1456	6.02859	6.52493	6.40467
JMJD6	8.85617	13.1363	8.50733	11.7215	12.6438	9.71782
NETO1	0.288578	0.103465	0.400067	0.129989	0.0694344	0.0862676
LOC10050751	0	0	0	0	0	0
GRPEL1	48.8064	35.5589	31.6377	31.717	23.9747	25.464
DEFB105A	0	0	0	0	0	0

SNORD115-1	0	0	0	0	0	0
SMAD6	3.40805	2.5432	4.45168	4.55844	2.69403	3.63335
WDR66	1.67665	2.5917	2.25205	3.50997	3.51375	5.2091
UQCRH	204.757	222.462	194.722	230.162	180.318	168.145
LOC80054	6.82871	7.92681	5.83752	4.36194	6.12445	6.36857
DDX1	45.4086	39.2305	41.6177	38.4994	37.4605	36.9519
SHISA3	0.367757	0.232248	0.556788	0.295987	0.301148	0.294648
C19orf57	2.67782	2.33057	2.0588	2.82874	2.77147	3.07668
SLC17A2	0	0.0754576	0	0	0	0
LOC10028759	0	0.206829	0	0	0	0.145777
TFAP4	5.12803	10.8474	6.05874	9.04526	8.36369	8.27264
TRIM66	5.34995	6.16707	6.81825	6.21353	8.03484	6.3904
ZNF213	7.45589	9.22738	7.65897	8.8076	9.74618	9.46746
VDAC3	58.6867	63.0297	56.7827	63.0901	60.2978	48.4617
PTAFR	5.32099	5.36465	4.53853	3.6402	5.70437	4.41059
TMEM225	0	0	0	0	0	0
GPHB5	0	0	0	0	0	0
LOC10050578	2.31826	2.83799	1.07996	2.67915	1.59009	1.22239
ASTL	0.170655	0.0754412	0.452154	0.160242	0.48911	0.797588
BPIFA3	0	0	0	0	0	0
DMC1	0.494079	0.794242	0.54403	0.421757	0.715185	0.783717
LOC10013093	8.97821	9.6021	9.1268	7.10562	7.92389	8.28623
YWHAH	66.5872	60.7847	52.2214	56.6507	45.5375	47.5054
FTO	17.6525	13.5663	14.8707	12.3678	13.679	11.776
CFLAR-AS1	0.447271	0.397059	0.311553	0.10498	0.370183	0.13924
MRPS21	127.006	188.1	126.032	168.215	139.296	129.737
LOC729506	0	0	0	0.0629499	0	0.0417768
TRIM61	0.202742	0.298752	0.358112	0.317285	0.430424	0.171963
POC1B	8.34255	6.28054	6.28527	6.74583	7.32566	7.06771
C11orf52	21.5836	20.3446	12.3268	18.1771	13.5996	13.1135
C10orf55	0.484541	1.04295	1.00556	1.16205	1.00489	1.20092
MIR1185-2	0	0	0	0	0	0
LOC10012948	2.33492	2.72124	2.49064	3.18902	2.23069	1.98412
GMCL1	5.36841	3.36842	4.55552	3.78064	4.43941	7.17635
POTEC	0	0	0	0	0	0
LOC10065289	3.6501	1.54344	3.36383	2.53329	2.52692	2.57127
MIR4474	0	0	0	0	0	0
MIR2355	0	0	0	0	0	0
EXOSC10	34.2637	38.6627	31.2743	37.9875	35.8224	30.9948
METTL10	9.75689	10.5587	7.82915	7.62243	7.6559	7.34473
LAMTOR2	66.6672	79.0036	57.509	75.4168	57.7064	65.1793
SLC31A1	34.1335	24.3324	30.5999	23.5634	26.3634	33.2289
C19orf25	9.65714	14.9292	11.3122	14.6785	12.7969	13.7614

TMEM88	3.21838	6.80443	2.96597	3.54757	3.47575	3.83672
ACO1	84.7963	61.2981	69.6365	38.1616	42.2014	51.0312
DKFZp451B08	0	0	0.0444331	0	0.0124612	0
LOC10050595	9.48032	11.3145	10.3279	10.4377	7.78165	11.4443
TEX21P	0.666701	0.196485	0.841161	0.208674	0.636939	0.761677
ST20-MTHFS	8.01E-10	4.60E-11	3.01E-14	3.12E-12	9.84E-20	9.87E-17
PTRH2	21.5092	23.0722	15.8037	23.6125	13.095	17.543
DHDH	0	0.847447	0.0806212	0.600012	0.203492	0.199099
ZNF610	0.820052	0.677121	0.625673	0.850566	1.45751	0.779759
C9orf43	0.201574	0.534595	0.343284	0.473091	0.128328	0.0941746
CORIN	3.39644	1.34613	4.74328	0.788136	2.73509	1.80025
ARHGEF33	0.367351	0.29765	0.312536	0.254259	0.229095	0.204948
C22orf40	6.57346	8.23877	6.56196	8.54637	8.74141	6.93221
C1orf94	0.0517994	0	0.0392124	0.0486388	0	0.0322792
LGI1	0.514694	0.0379217	0.324689	0.120822	0.0273176	0.213824
APCDD1	93.4399	125.641	111.126	131.995	139.246	118.685
LHX9	0	0	0	0	0	0
LOC10050634	14.7116	12.2451	20.3457	10.388	4.80954	3.60984
EML6	2.10206	2.04009	2.46922	2.00784	2.0467	1.49812
ERVV-2	0	0	0	0	0	0.0126803
LOC10050747	2.93569	2.92	2.22233	1.37828	1.1686	0.686024
VPS37C	17.32	19.2321	16.5795	19.306	19.8562	18.7544
MAN2A1	4.75155	2.14202	3.99503	2.06328	3.15787	4.17812
SNORD38A	0	0	0	0	0	0
TCEB3	15.2825	13.8779	14.7945	14.014	14.0351	14.4506
TRIM63	0.952885	1.89558	1.35251	2.06909	1.44138	1.74428
GAGE2C	0	0	0	0	0	0
MAVS	17.606	17.8772	18.8455	17.0697	19.9469	16.8585
C3orf17	15.6342	15.5951	13.9677	14.075	16.2077	12.2116
SNAR-H	0	0	0	0	0	0
COX6A1	320.448	348.89	278.193	326.36	241.988	256.596
BPESC1	0	0	0	0	0	0
KBTBD6	3.27631	2.39225	2.85641	2.60978	3.048	2.8331
STRA13	49.2305	74.549	36.0481	58.1615	46.2916	49.7547
CCM2	20.6974	33.2865	23.3364	29.7171	26.1153	20.625
LOC10065283	0	0	0.101866	0.151624	0.271577	0.136963
DSPP	0	0	0	0	0	0
FMN1	1.45179	1.27013	1.95673	2.00554	1.74902	1.92441
RPL6	687.632	920.516	784.76	1066.29	757.097	771.264
ACRC	1.24555	2.50532	1.6972	2.04672	1.92375	1.94044
SBF1P1	0.156128	0.17945	0.177285	0.175922	0.149158	0.243231
FAM134C	34.5492	36.8315	34.1866	37.7692	40.0124	40.1697
GADL1	0	0	0	0	0.0170829	0

LOC10050679	0.236936	1.04742	0.179362	0.444959	0.603624	0.442946
MRPL54	53.09	76.1008	77.6426	100.55	65.0367	64.6183
FOXD4L5	0.107156	0.0164426	0.12391	0.0815005	0.0454867	0.0480781
HIBCH	42.9164	34.5375	47.1137	40.0633	25.7849	27.4208
ARL1	34.1025	24.7039	33.9779	28.3769	26.1347	26.5496
ESPN	12.1593	16.3102	16.5979	13.9778	23.2507	14.0273
MIR3180-5	0	0	0	0	0	0
SHROOM4	1.54027	1.49275	1.65179	1.27016	1.84368	1.19362
MIR4802	0	0	0	0	0	0
ASXL2	3.6331	1.92261	4.40647	2.37804	2.99799	2.82586
HSPBAP1	6.05735	8.95747	7.87236	8.10379	8.77429	8.08383
COL4A2	38.6386	40.541	45.0234	28.3315	26.6008	27.1578
HFE	4.60252	2.43956	3.88045	3.75962	4.43369	3.19494
KCNG3	0.0257989	0.142573	0.087891	0.0969044	0.0164315	0.0643107
LOC10065300	0	0	0	0	0	0
CLEC12B	1.0582	2.12557	1.65365	1.63837	2.16164	1.54773
TXNDC8	0	0	0	0	0	0
SNORD115-1	0	0	0	0	0	0
MTM1	9.25234	7.52186	7.76303	6.64361	8.24637	7.4793
ZNF276	15.4887	24.5664	19.0638	26.0167	26.8936	20.6226
LOC340508	0.0901396	0.0796958	0	0	0.0287052	0
MIR518F	0	0	0	0	0	0
NTF3	1.73384	2.21897	1.29827	2.36127	1.20894	1.37986
RIC8A	29.3276	37.4853	29.728	34.6847	32.1226	30.9969
OSBP2	1.65524	1.87877	2.38752	2.87746	2.59284	2.78777
SLC26A3	7.06006	0.426287	1.38175	0.258704	0.175477	0.321917
RPL29	1001.4	1613.8	1171.44	1896.75	1106.04	1092.52
LOC10050668	6.64643	5.23365	2.75588	4.18908	3.03869	2.62446
RGPD4	1.45506	1.46951	1.59378	1.64027	1.58138	1.41548
LOC10065282	0	0	0.0626097	0	0.0263383	0.103079
SPAG11A	0	0	0	0	0	0
RAB27A	11.7284	11.0082	9.07815	9.61563	10.1943	10.8575
MLST8	21.5007	32.7335	22.2783	30.9568	29.6608	27.1558
APEH	39.0019	40.8022	31.0077	34.8847	33.0205	33.8904
LOC10012882	5.4228	1.37773	3.68042	3.33608	2.93772	2.95199
INVS	2.42261	1.85819	2.05844	1.67498	3.029	2.1014
FASN	444.51	339.761	391.931	248.975	259.859	359.488
LINC00152	6.47639	12.9353	11.2924	14.8574	9.32945	7.18225
ZCCHC14	9.41191	8.51636	10.6717	9.95043	10.7778	8.64738
FANCC	3.45719	3.76488	3.6863	3.38481	3.83991	3.96721
PRKD2	24.8368	33.4148	25.2422	30.6731	33.9662	28.4448
SLED1	1.03207	1.36874	0.651071	0.9691	0.657333	0.643144
WDR25	3.79487	4.59572	2.75291	3.41694	3.24337	3.85448

SEPW1	267.015	360.819	285.984	388.136	272.066	270.656
MAF1	55.2917	72.7791	57.8375	68.7428	57.4748	56.4553
SMAD5-AS1	1.2146	2.86367	1.48865	1.62927	2.83649	2.09045
PPM1N	1.28893	2.44197	2.36962	2.76636	3.87007	3.5188
HIST1H4B	0	0	0	0	0	0
RYBP	13.0972	8.97862	11.9603	10.9271	10.9649	10.9863
MDH1	159.429	133.23	144.648	120.904	115.371	122.815
SLC22A24	0	0	0	0	0	0
SRMS	0.921749	0.626887	0.214698	1.86417	0.587067	1.32553
AGRN	20.6913	27.6648	20.5601	26.1246	28.1602	24.8246
S1PR1	9.79591	10.1572	8.22856	5.89785	6.28052	5.61767
SRGAP2P2	5.41181	3.15893	8.99016	3.10553	8.0905	6.39372
DUX2	0	0.0211041	0.0150579	0	0.0211149	0.0072307
BCDIN3D	3.58551	3.4681	2.58983	2.45284	3.2417	3.20549
AIG1	24.1249	21.8176	25.0664	19.4696	17.3738	15.4266
CCS	38.6063	64.0747	37.856	47.6983	48.2425	46.2867
PRAMEF5	0	0	0	0	0	0
MRPS16	38.264	38.0007	34.7135	41.2545	31.4829	30.6126
TMEM17	2.58958	2.95733	3.06301	3.44473	2.98939	2.92486
TXNL1	65.0251	56.17	53.1621	49.5457	44.0672	48.2025
MGST1	974.873	774.543	772.725	630.072	505.557	638.887
MYCBPAP	0.124053	0.30162	0.539976	0.145605	0.335793	0.270566
OR2H1	0	0	0	0	0	0
C16orf58	41.3069	50.5559	44.1441	47.8953	51.5096	44.9986
NXF4	0	0	0	0	0	0
RNASE6	6.32296	4.62651	6.35451	4.50405	9.51236	5.23096
LOC647208	0	0.182019	0	0	0	0.0641455
PGLYRP3	12.9975	11.7469	22.4479	20.1599	37.0371	30.3181
LOC338588	0	0	0	0	0	0
IFIT1	22.3626	15.6587	10.0978	4.15753	8.0317	4.8547
DEFB122	0	0.280882	0	0	0	0
RNF4	25.5401	24.8512	21.8984	23.2125	22.8322	20.7851
C15orf57	8.62435	8.37502	9.25756	8.16962	9.18444	7.0605
CTNS	6.65257	7.54197	6.944	5.62252	6.50885	6.69549
GUCY2F	0	0	0	0	0	0
CENPN	2.42646	3.07996	2.47763	3.55552	2.13435	2.83209
LRRC8E	5.17585	4.76884	6.35152	9.05502	5.49999	6.11122
RPL10L	0	0	0	0	0	0
SPEG	10.9628	21.1797	7.50093	16.8103	13.8545	16.4675
SLC16A12	0.544361	0.240645	0.443783	0.589784	0.42716	0.313129
PDIA3P	101.168	71.7392	88.1506	72.0972	68.1149	65.3935
RNU6ATAC	0	75.4493	0	80.1298	0	0
MIR4691	0	0	0	0	0	0

OIP5	1.89713	3.11503	1.91485	2.46	2.07136	1.97035
C14orf142	11.7266	9.85806	9.53	7.40243	9.17851	8.92199
DEFT1P	0	0	0	0	0	0
SGCE	15.2725	14.055	12.6896	8.34172	11.4741	8.24569
CYTH4	4.79787	5.46991	4.56391	2.19328	7.47864	2.65544
MIR374C	0	0	0	0	0	0
UAP1	24.9867	17.6888	17.7907	17.5145	13.438	11.6508
CES1	7.95335	8.90599	26.6038	16.7924	8.41004	6.04884
BOC	26.0211	33.5037	37.8152	43.1022	36.4997	31.8649
LOC731275	1.67494	1.69465	2.26925	1.45775	2.70917	1.92086
EFNB2	34.6339	27.5316	42.3574	36.4249	37.2854	37.6107
PPM1B	36.3731	28.8966	31.0164	26.3972	28.1902	27.1862
PUS7L	2.00087	1.44185	1.49628	1.04372	1.41621	1.53956
FLJ27352	4.464	3.33959	2.72941	2.09581	2.73379	3.74469
LEPRE1	9.1479	11.8435	10.6345	10.65	11.6896	10.5523
ANKRD29	6.8107	9.8247	8.24239	7.06831	7.5911	5.0818
MMD	24.0955	16.0347	35.2277	15.1296	17.2209	8.02344
OLIG3	0.558852	0.411752	0.246782	0.306106	0.118645	0.0870633
SERPINA2	0	0	0	0	0	0
SLC22A2	0	0.106535	0.0304055	0	0	0.0500589
ENPP3	3.31526	0.884874	1.91777	0.792929	1.59359	1.16939
BAD	36.4254	56.5839	49.0073	57.9016	48.9011	45.5689
HPS3	4.83182	4.74003	4.75006	3.78697	6.25216	4.81404
LIG4	5.51951	4.35639	5.31319	2.85365	6.26496	6.44538
APOLD1	5.47612	3.84824	2.28553	2.81597	2.20145	2.31374
AGSK1	6.06151	11.7236	11.6075	18.2886	11.2072	13.4679
SPINK14	0	0	0	0	0	0
SPAG6	0.661869	0.194823	0.326198	0.662109	0.140345	0.235398
DECR1	111.825	96.5591	92.9192	76.9397	77.3836	76.8783
WDR20	12.7674	14.65	15.0451	15.3952	16.2698	13.7426
EFTUD2	17.8357	21.0401	18.9828	19.4534	19.7735	18.7453
ELOVL1	386.648	390.493	297.502	330.414	223.437	308.942
ILF3	69.014	84.8067	74.2255	84.7831	86.0627	72.8294
LRRN2	0.775109	0.358223	0.306713	0.20924	0.572396	0.386812
FAM114A2	10.2246	7.69614	8.55066	8.69253	7.8321	6.69439
LOC10050989	1.44404	0.760602	0.790784	0.692388	0.684894	0.784986
PHLDB1	26.1255	38.3982	49.2326	40.4652	36.1447	25.4105
FAH	39.5365	39.6989	35.4031	25.5707	22.0984	19.4411
TFCP2L1	25.2554	18.1206	21.3206	39.4731	18.9227	17.3417
MYL1	0	0	0	0	0	0
MIR671	244.337	942.513	0	524.044	1048.15	586.503
LOC10065279	0.41359	0.0914176	0.234818	0.194177	0	0.193299
NTRK2	15.3307	14.8066	24.9961	13.0529	17.0277	14.1133

TP53INP1	9.82141	8.34131	12.0557	9.30711	14.0739	12.2846
EGR1	18.6255	18.5126	169.167	31.1135	51.0721	30.5605
IFIH1	13.2959	8.4985	5.53361	3.13467	6.5803	4.34
LOC10050657	0	0.0788688	0.0675282	0	0	0
AHSP	2.21621	3.63894	1.91735	1.48642	0.604935	0.591877
HMCN2	0.264565	0.825999	0.644641	0.287238	0.489711	0.340035
LOC10050586	0	0	0.144295	0.134237	0.0303506	0.118782
CLEC7A	6.67764	7.82973	6.77554	3.2146	11.0954	3.17372
SLC12A6	5.56679	4.75629	6.63991	5.31089	6.87447	6.23687
MTMR9LP	7.39293	13.9236	9.8684	8.58494	13.4293	10.059
MFSD4	11.864	5.75023	6.63666	12.1691	6.34241	5.86405
LOC10050567	0	0	0.251761	0.312283	0.635457	0.414494
MX1	33.3213	28.7792	8.28161	4.87253	9.07093	5.11016
MIR4699	0	0	0	0	0	0
CPT1B	17.52	26.0521	15.2832	23.4651	25.8359	26.9563
SSTR3	0	0	0	0	0	0
C6orf138	0.0302211	0.18815	0.0228775	0.0785742	0.00962398	0.0839353
GRK6	10.7642	16.4638	9.7856	14.0008	13.5363	12.7152
HMGCL	48.1445	55.1931	36.8463	42.4954	42.5848	50.9496
SBK2	0.108888	0	0	0	0	0
OSCAR	2.11144	3.31828	2.3762	3.25736	3.91673	2.13841
LOC10050583	0.231585	0	0	0	0	0.144314
HCFC1	9.55215	10.0649	10.2425	10.6682	11.0081	10.3153
SLC35C2	29.1198	43.8784	35.7748	45.5896	42.8279	37.5065
FLJ14186	5.37997	7.81738	5.92098	6.08718	6.85536	7.11101
SRPX2	3.97056	3.46922	7.67347	4.86871	3.09415	4.80302
C6orf174	0.261969	0.152479	0.258791	0.214011	0.218978	0.236188
BCO2	3.35538	1.78505	1.99907	1.97789	2.20525	2.35734
AADA2L2	15.2187	15.2325	28.3669	19.9522	26.2439	27.1089
SNORD116-2	0	0	0	0	0	0
LOC144486	0.0392098	0.312002	0.267138	0.14727	0.249729	0.0977356
RARRES1	16.0916	11.5246	35.709	31.7163	14.0284	19.5562
SNX29	6.0627	4.83144	7.63544	5.16945	6.79635	6.26399
SCGB3A1	26.0543	11.3555	6.9448	12.7491	0.46744	3.20145
RPPH1	13.7357	5.75253	2.73632	11.54	3.22307	1.802
GAGE12E	0	0.0333516	0	0	0	0
SNORD10	136.581	140.882	292.945	277.869	275.466	85.1114
ACTN4	112.273	106.973	109.62	130.76	118.766	131.463
LOC730227	0.438084	0.358811	0.940949	0.280087	1.04737	0.8428
ZNHIT3	37.8853	39.02	37.5009	41.2159	34.7985	33.1866
SPANXN5	0	0	0	0.750273	0.33927	0
FA2H	115.418	120.962	44.7424	48.4973	112.967	102.344
ACY3	0.595092	0.0751632	0.193066	0.079826	0.162436	0.15893



CEP120	6.26978	4.78577	6.15429	4.98454	6.05583	4.59729
TMEM41B	30.4669	31.2537	32.082	31.2929	28.2658	27.8243
MIR586	0	0	0	0	0	0
TMEM136	2.50077	2.50823	2.78118	2.34065	3.87325	3.12622
NAP1L3	1.59635	1.28309	1.78521	1.19235	1.84859	1.15304
LOC10012890	0.122635	0.108367	0	0.115144	0	0.0254688
GPCRLTM7	0	0	0	0	0	0
TRIM6-TRIM6	4.10E-124	0	2.28E-250	1.21E-96	1.01E-203	1.07E-95
MIR103B2	0	0	0	0	0	0
XKR4	0.149704	0.088239	0.151102	0.0234282	0.0953471	0.139933
TAMM41	6.75342	6.99229	6.65971	5.50696	6.50853	5.09443
MED18	11.8247	12.871	9.54254	10.0259	12.54	11.887
UBE2U	0	0	0.151618	0.940332	0.063782	0.0624052
C1orf170	5.81343	9.99098	6.67537	11.0401	12.3767	12.2927
CLEC2L	0.0859635	0.152007	1.23642	1.7758	0.438005	1.44636
METAP1	27.48	23.9768	23.2081	24.6166	26.1498	26.6204
GPR114	0.44234	0.52912	0.236367	0.146594	0.662891	0.308076
LMO3	1.85286	1.89104	1.87822	1.95538	1.38006	1.26175
NHSL2	0.293079	0.329791	0.705926	0.225161	0.509082	0.431681
SIK1	21.5316	25.4128	53.0875	34.2815	27.4926	20.8433
MIR758	0	0	0	0	0	0
ACN9	6.01014	6.33226	5.80087	5.64342	4.91246	4.21342
TMEM107	6.58445	5.86437	6.93253	6.89436	7.51947	8.69131
MCOLN1	11.7096	16.1575	13.4262	15.5957	16.0704	14.8381
RAI14	14.9476	9.64041	12.3553	10.2941	12.2872	14.0038
LOC641467	0.746168	0.565667	0.478758	0.528	0.960769	0.525254
LINGO4	0.308694	0.51174	0.525787	0.543485	0.516099	0.38473
L1CAM	4.41408	5.14669	3.83759	5.03159	6.69068	5.39316
C7orf61	1.51954	1.65351	0.530907	0.768289	0.81891	0.801233
LOC154822	0	0.021479	0	0.0456229	0.0618913	0.0302777
IST1	69.2589	71.3637	61.2004	69.5797	74.3451	64.2
DOHH	9.22585	14.6127	9.6826	12.5791	12.0633	12.2935
FNIP1	6.85286	5.45151	7.33813	6.13289	7.2197	5.46424
LOC1001280	0.229611	0.459142	0.0441963	0.211564	0.156846	0.141636
LOC1005066	8.96548	17.552	16.4825	25.2553	18.762	27.9345
HSD11B1L	3.76739	6.12878	4.17221	8.01962	6.59639	6.37562
KCMF1	9.17953	8.68297	8.35778	8.92643	8.24916	8.23566
MIR149	0	0	0	0	0	0
BRD1	15.3957	17.4745	18.3167	18.5191	20.3336	18.023
SLC18A1	0	0	0.0275179	0.213337	0	0.229363
STK31	0.247359	0.430397	0.254769	0.204771	0.386908	0.416203
FGD1	4.06799	5.5256	4.95471	5.48426	5.47134	5.73561
PTCRA	0	0	0.160871	0	0.135349	0.0662136

C6orf125	76.723	86.5886	71.4215	98.4008	54.4443	66.4876
DNAH10	0.102795	0.024236	0.466899	0.418267	0.0349178	0.0939511
BMPER	2.31823	0.512408	0.54841	0.489775	0.516772	0.469502
GPR62	0.0939375	0.372166	0.248298	0.2199	0.119258	0.145847
VEPH1	0.734301	0.518959	0.694461	0.89005	0.775135	1.13955
NIPA2	21.9638	17.6616	18.213	18.1539	24.1191	24.3823
DEF6	20.2161	31.5928	21.4118	28.4323	34.4483	26.6046
CYB5D2	16.5447	17.1569	17.2402	19.49	14.6253	13.8215
PRSS36	1.02006	1.95924	1.22485	1.38719	2.12827	1.16172
MIR548I1	0	0	0	0	0	0
OR6C4	0	0	0	0	0	0
NME1	69.0615	72.1726	58.2453	71.7119	53.0845	64.8575
TRIB3	9.65077	9.51713	9.42871	10.7659	9.37755	8.81532
POU5F2	0.0854065	0.0755111	0.0646532	0.0801954	0.163188	0
LOC10065278	0.396102	0.399788	0.64221	0.410779	2.40199	0.742114
SLIRP	178.427	162.819	128.183	154.251	105.593	113.079
FAIM3	1.60194	1.11752	1.07579	1.10032	1.58009	1.22517
FMN2	0.0445472	0.0919002	0.0337225	0.0557721	0.0567447	0.0740264
GOLGA5	19.5145	15.8817	19.5489	16.1871	16.7329	14.968
OR51L1	0	0	0	0	0	0
MEF2C	5.80632	4.32259	4.78138	4.21499	4.24779	3.27475
NOX4	0.102671	0.160126	0.353461	0.459229	0.508955	0.335683
PRMT6	7.54004	7.63792	5.04815	4.98089	6.15369	6.0917
SNX18	7.61549	6.56676	8.61127	6.01252	6.80674	6.61684
MIR3920	0	0	0	0	0	0
TTLL8	0	0	0	0	0	0
CTAG1A	0	0	0.0872976	2.97804	0.0550858	0
KRT72	3.49335	3.12738	3.99434	13.9085	4.79878	15.441
GJB5	43.4369	53.3986	56.7902	63.7798	58.9126	67.6701
RAB6C	2.90567	1.89053	2.49759	2.16641	2.05147	2.37887
LOC10018894	0.526956	0.349426	0.199454	0.742206	0	0.57466
LOC10050751	0.0993885	0.175746	0.225713	0.0933242	0	0.0619347
THNSL1	2.85495	2.22586	2.14157	1.80342	2.5622	2.32898
LLPH	20.7117	18.3934	18.3269	15.9042	17.0022	17.3809
PTPN20A	1.78838	1.18987	1.56945	1.33515	1.58146	1.79978
LINC00244	0	0.205785	0.176195	0.655654	0.444725	0.290083
C13orf33	10.7742	6.7131	9.50476	4.38128	7.94278	6.10605
SNAR-B2	0	0	0	0	0	0
SNX19	15.1714	11.716	17.2987	13.8319	15.6869	15.6229
PDIK1L	6.35774	3.79587	4.63892	3.41457	5.60725	4.72161
MCTP1	2.1183	1.56084	1.9324	1.1989	1.97167	1.20161
DPY19L3	7.12728	5.31469	5.9141	5.36582	7.18968	6.14047
CCDC87	0.068343	0.332335	0.12934	0.128346	0.152348	0.127765

ARPC4	104.187	122.66	97.1412	123.446	109.302	103.738
EIF1	426.69	480.24	443.574	517.1	402.46	360.316
KCP	0.404844	0.432468	0.472462	0.138072	0.889022	0.483426
TARS	26.1207	21.794	20.8337	18.6089	18.7104	23.7613
NFYB	13.1607	13.0091	12.4213	9.70579	12.825	10.665
PCDHB14	2.67264	2.83167	4.52868	3.03196	4.06178	2.95289
C2orf80	0	0	0	0	0	0
LINC00261	0	0	0	0	0	0
FLJ22447	1.20002	0.212196	0.666176	0.07512	0.509533	0.348974
GCSH	14.5075	16.7131	11.7585	11.2141	9.08428	9.22308
FAM83E	1.43827	1.45329	1.0499	2.21871	3.46788	2.68881
QRFP	0	0.415194	0.710986	0.440951	0.897281	1.46319
TGM2	5.12747	3.32308	1.28153	0.772008	2.02926	2.34218
GAGE2E	0	0.0385341	0	0	0	0
KBTBD5	0	0	0	0	0	0
MGC72080	13.6154	15.696	10.9812	18.5198	12.5215	11.8546
CD72	1.93766	3.42632	1.51921	2.98907	3.2175	2.71681
SCAP	44.3756	50.1515	52.4318	57.9449	61.753	58.845
FER	1.1807	1.25268	1.65991	1.26704	0.923878	1.30335
C6orf108	50.9849	64.6767	44.9621	60.8189	48.9397	47.1751
LOC10065281	0.0996351	0.0770797	0.274589	0.0935558	0.465399	0.490356
FOXO3	12.8612	9.86016	12.1519	10.1911	12.5194	13.8518
SPATA17	0.452141	0.239853	0.410728	0.169821	0.460754	0.225404
PPP1R16B	3.3256	3.06415	2.37239	1.58348	3.06273	1.95292
PLSCR3	15.9653	20.3164	12.3972	29.4959	13.3637	21.8166
HLA-DQB2	39.9976	41.0273	37.7196	23.5845	72.948	33.9652
TTC29	0.0587215	0.0519179	0.133358	0	0.0374001	0.0731856
NFKB1	19.46	17.9043	17.295	14.4662	17.2116	15.0996
LOC10050716	4.20522	6.72792	6.51833	7.70936	6.88713	5.82336
LOC10029370	2.16138	4.58629	4.58129	6.4944	6.33233	6.19565
HPR	0.524527	0.982551	0.135976	0.189747	0.573607	0.125926
MIR4731	0	0	0	0	0	0
KPRP	54.045	26.9664	102.16	97.5537	141.607	111.897
HSD17B2	16.4964	14.0498	13.118	20.0373	19.6638	19.8052
TNRC18	11.9654	13.6511	15.7821	13.5693	16.4786	15.4234
PARM1	12.2226	9.59265	9.61346	10.2056	8.67121	26.2838
OGFR	25.6904	45.1317	24.7056	27.7767	39.7333	30.4018
TNIP3	0.386575	0.341788	0	0	0.107715	0
SRSF3	70.8803	75.1027	65.5602	63.8003	65.6222	62.0056
HOXD1	0.681425	1.01957	0.490926	0.836724	0.715189	0.555292
MIR3197	0	0	0	0	0	0
DEFA3	0	0	0	0.208942	0.0708618	0
LRRN4CL	5.21643	5.50691	8.04508	4.56917	6.76872	5.11858

ACAD10	8.35492	12.0752	10.2041	11.292	11.2922	11.0787
LOC441124	8.39279	15.8685	7.79992	12.5443	9.47648	12.5747
AARSD1	13.564	14.6978	13.2332	13.4522	13.5236	12.6745
SNX15	15.9372	20.1042	20.6493	17.281	19.1709	17.7088
NBPF8	2.75459	1.8149	3.74691	2.06368	3.05985	2.49082
ZNF83	31.5771	37.6748	44.1737	44.044	59.7982	47.6251
USP37	3.94261	2.54651	3.065	2.29438	2.69902	2.62605
SAA2-SAA4	0.0161009	0.956025	5.57E-07	0.212202	0.00466426	6.90E-06
CSNK1G2	32.0348	46.8009	34.4544	43.5744	42.5976	37.8736
ANKRD36	2.14908	2.5918	2.91604	2.47232	3.15006	2.4362
STON1	2.62987	2.15465	2.93828	2.29694	3.32571	3.36193
TCEAL8	41.9152	39.4452	45.5427	39.2832	43.2849	41.5966
PDCD1LG2	3.35032	1.88836	2.06067	0.904445	2.72064	1.48754
BBS12	1.24966	1.13178	1.22257	1.08767	1.26134	1.12025
ENPP2	11.7515	23.239	16.0256	10.7559	12.1907	7.8911
CLDN18	0.183929	0.104064	0.379143	0.147373	0.263231	0.1672
LOC10050615	0	0	0	0	0	0
RASSF8	4.26373	2.81913	3.27181	2.64474	2.4708	1.88764
A2MP1	0.374179	0.330826	0.070814	0.351349	0.297896	0.116586
NCOA3	12.1079	9.63995	12.0248	8.75464	11.8648	10.5379
ATP1A1OS	5.30756	4.38767	5.30259	4.92677	6.40568	4.28487
FAM8A1	16.2745	12.4079	17.0073	11.5902	15.9955	15.8533
FZD8	3.91293	2.9928	3.92597	7.08592	4.62831	6.17334
LOC221122	0	0	0.0681873	0	0	0
SLC8A1	2.18001	2.23691	1.69846	1.43447	2.22957	1.24942
CENPH	8.01423	10.0033	5.65047	6.78747	7.15604	4.99413
GRIK1-AS2	0.339451	0	0.170143	0.10514	0.417622	0.344775
CXCR5	0.110051	0.221041	6.09E-17	0.140408	0.309835	0.13211
RPTN	5.0342	7.22363	8.14245	8.85996	6.58783	8.69131
ALAS2	0.338967	1.19832	0.277501	0.767803	0.184226	0.321237
LOC10065273	0.477551	0	0	0	0.152077	0
TRHDE	0.952297	0.67743	0.972931	0.505274	0.437729	0.70774
TCEB3CL	0	0	0	0.0202478	0.0137339	0
TLCD2	10.1262	10.0218	9.23799	7.58837	6.91968	5.55176
SNORD74	0	0	0	0	0	0
MIR564	0	0	0	0	0	0
MTA1	23.8316	38.0021	30.026	33.9365	35.5209	32.2212
KIF5A	0.275649	0.177245	0.0758792	0.0705901	0.319205	0.21862
TOB2P1	0.027322	0.169094	0.330926	0.0513098	0.22622	0.0851294
PRSS56	0	0.0419803	0	0.0445845	0	0
MIR186	0	0	0	0	0	0
ZNF295-AS1	0.214985	0	0	0	0	0.13397
METTL5	35.315	32.7161	29.3843	25.1218	24.8703	24.7125

CNOT4	7.77394	7.2942	7.23326	6.7577	7.54636	7.21419
LOC10050736	0.593475	0.587873	0.415985	0.123836	0.29574	0.359984
FBXO17	10.333	15.3757	14.5966	15.6799	12.0751	12.2169
MIR4266	0	0	0	0	0	0
TMSB4Y	0.951678	1.57064	0	0	0	0
REG4	0	0	0	0	0	0
LILRB1	0.954967	0.993201	0.453314	0.13674	0.503872	0.218055
LOC646576	0.905221	0.800339	0.609118	0.661102	1.02496	1.56693
SP9	0.0743905	0	0	0	0.379038	0.092714
C14orf105	0	0	0	0	0	0
IL15RA	9.52172	11.678	6.85591	4.68442	10.2307	7.35836
CCNH	17.9798	15.6049	19.3489	11.4125	13.6478	12.4807
MIR4291	0	0	0	0	0	0
CXorf49	0.0187964	0.155799	0.151776	0.0176495	0.127696	0.095657
NINJ1	61.0886	77.9559	81.6809	102.048	76.3273	69.6652
HNRNPUL2-B	9.65653	2.42925	12.5255	0.362728	7.89163	10.8128
SRP9	147.328	124.466	117.797	99.5937	115.244	109.53
12-Sep	0	0.0899445	0	0	0.167375	0.106858
MIR204	0	0	0	0	0	0
GLIS3-AS1	0	0.649547	1.13836	0.907723	0.817135	0.804567
LOC10065274	5.12E-09	9.95E-09	2.24E-08	1.75E-08	5.85E-09	9.71E-10
SCCPDH	11.2721	9.28003	13.8508	13.5756	8.28049	7.96598
LOC10028783	0.335864	0.360993	0.739033	0.186452	0.34066	0.164612
PAQR4	12.5011	18.4456	13.7918	17.2558	14.1629	15.5443
ITGA9	1.32972	1.00148	1.84544	0.85551	1.28604	0.951381
GRAMD1B	0.326142	0.256315	0.0822972	0.136108	0.323123	0.270984
PUF60	68.6345	87.7527	66.0013	90.2574	68.9777	78.8374
RNU1-3	48.9911	64.514	22.6473	65.5909	29.0632	22.9783
MIR548M	0	0	0	0	0	0
MFSD8	10.5907	10.268	10.9047	9.9445	12.3098	10.9552
NIT2	74.7397	86.8026	64.9979	71.765	60.6385	57.479
CCL23	1.83603	1.06009	0.907657	1.50654	1.88713	1.76674
LOC643406	0.0579243	0.0843012	0	0.0241733	0.0512393	0.0160427
SPIN2B	5.15495	7.29285	5.29181	5.38497	7.30071	7.13737
ALG3	23.9825	28.4368	19.2398	27.9746	20.125	21.775
SPP2	0	0	0	0	0	0
MIR301A	0	0	0	0	0	0
LRP4	7.68138	8.32813	15.1258	10.4067	17.5477	14.7624
FAM126B	7.01317	5.36849	6.72628	5.05535	6.35526	4.90005
ELF4	7.03633	8.371	7.99021	6.45939	8.11536	7.64441
OR5M3	0	0	0	0	0	0
CASQ2	6.19529	4.8543	3.70696	3.06539	4.60739	2.77412
RBM1A1	0	0	0	0	0	0

SRP14	141.84	143.219	144.136	144.974	127.158	133.582
CD46	126.523	88.314	102.821	80.9768	95.1911	80.7349
MIR4751	0	0	0	0	0	0
LOC10050710	9.31673	13.3465	12.0524	12.6241	7.51124	7.05514
SNORD96A	0	0	0	0	0	0
MBOAT7	23.5977	31.2437	23.5342	31.9381	28.093	30.5235
AGR3	0	0	0	0	0	0
RANBP9	24.7056	21.7587	23.1128	22.6302	24.2516	23.2321
CD4	14.3298	12.2092	12.6938	8.36083	21.7834	11.3895
PWWP2B	7.76684	13.306	10.2383	14.581	11.8404	12.8251
AQP5	201.335	94.0571	135.786	171.467	87.5363	89.6439
APOPT1	25.8927	33.8193	27.7927	31.1622	25.9558	28.8329
CYP20A1	3.02767	3.14837	2.55241	3.11753	2.79938	2.49775
ZNF512B	10.559	14.293	13.2877	15.1765	15.6681	13.2879
UBE2A	58.4368	49.2052	48.8273	45.2949	48.5483	49.9455
LOC442454	35.1711	34.3176	32.7411	33.3226	27.1431	30.1113
LOC401052	4.38779	8.48628	6.93381	5.45909	6.6372	3.3495
HORMAD1	0	0	0.16807	0	0.638558	0.384328
OR8D2	0	0	0	0	0	0
ZNF192P1	0.841567	0.457884	0.980109	0.729432	0.907075	0.685792
VWCE	0.555652	0.835163	0.694042	0.80871	0.654711	0.605953
BRSK2	0.448573	0.148725	0.169786	0.289577	0.142849	0.209649
LOC283403	0	0	0	0.241256	0.109095	0.16011
DEFB134	0	0	0	0	0	0
ZBTB8OS	12.6726	11.8532	12.5123	8.85232	7.95387	9.80497
KDM4B	12.482	12.8221	15.8131	13.9069	17.4083	15.3289
CLVS1	0.431198	0.674111	0.507391	0.422256	0.547769	0.601969
GOLGA2	34.018	33.7605	36.4693	37.1614	38.8918	40.4545
KLF7	3.04473	1.71827	2.84431	1.33823	1.81542	2.26067
RNF135	18.2072	23.1293	19.1184	23.2349	23.0521	19.598
LOC285441	0	0.0799508	0	0	0.0374716	0
MGC2752	6.52291	6.96754	7.64142	7.78778	7.95178	7.48585
MXD3	8.17234	20.4164	9.49991	19.4103	18.0335	15.4609
PTPN5	1.01393	1.73375	0.372886	0.310611	0.247318	0.226214
MIR4679-1	0	0	0	0	0	0
SLITRK5	0.501461	0.154212	0.31359	0.327557	0.33327	0.434768
RAB11FIP3	13.9968	19.8505	17.1152	19.1111	18.5126	18.0642
RIPK2	8.36965	7.15899	6.92526	6.87203	6.59516	7.93258
LOC10065276	55.7455	80.197	47.9928	80.0961	50.7152	46.5757
MIR5095	0	0	0	0	0	0
WDSUB1	7.93232	6.15002	7.86202	6.68453	6.07684	7.49874
PPM1L	2.33826	1.29209	1.91758	1.25027	1.40651	1.74043
KCNJ5	0.547352	0.302459	0.543832	0.44971	0.544705	0.575584

PTF1A	0	0.0729456	0	0	0	0
LOC10050744	15.2882	23.1389	21.74	20.0082	15.0451	17.0293
FRAT2	12.7028	14.756	10.8093	14.6267	14.2617	13.9538
SCFD2	5.45298	4.95893	5.11864	3.94992	3.98903	4.23304
KRTAP19-6	0	0	0	0	0	49.3819
LOC10050721	0.240421	0.070855	0.0606667	0.225751	0.102084	0.39952
TRIAP1	30.9991	30.4434	24.9828	26.6	26.3652	24.8451
ANKMY1	1.91962	4.13243	4.09379	4.49091	4.15255	3.6006
DUX5	0.490236	0.682413	1.53793	0.998966	1.9258	0.458241
IFI27	409.433	559.497	88.9428	52.7522	124.944	62.9638
LOC400743	0	0	0.194873	0	0.163956	0
LOC10028886	0.286841	0.0838452	0.223359	0.178344	0.416955	0.490099
LOC10050689	0	0.0470697	0.1313	0.10015	0.143737	0.0993856
ADAMTS9-AS	0.870787	0.769895	0.797967	0.903724	1.22598	0.713997
ANKRD54	15.6267	23.2493	15.3131	23.8288	17.7817	17.956
MIR944	0	0	0	0	0	0
ZNF195	8.04452	8.52549	7.00127	7.52705	8.31351	8.55012
LOC10012984	0.104319	0.242728	0.526785	0.456665	0.880359	0.273966
PLIN3	102.201	109.938	79.7028	80.2448	81.4104	78.8816
ATP2A2	38.353	29.6579	33.8739	32.6645	31.7642	26.0928
PTPLA	3.71661	2.8379	2.36589	1.34835	3.06651	2.94768
UBE2Q1	23.925	23.5666	24.7754	26.843	24.8496	22.937
LDLRAD1	0	0	0	0	0	0
MIR615	0	0	0	0	0	0
LINC00264	0.238524	0.547398	0.401254	0.31107	0.202557	0.264246
MTRF1	6.07512	6.99509	5.098	4.99691	6.53877	6.74979
MAMDC2	3.11802	2.99648	4.16655	2.39314	4.5071	4.34223
ESRRG	2.84881	0.618056	1.03	1.9162	0.772978	0.870789
RAP1B	34.7206	33.9466	33.4666	29.6118	33.7606	26.4603
LOC10050751	0	1.21559	0	0	0	0.214194
STRADB	5.75818	8.23736	6.20297	4.7286	5.75512	4.55418
CNR1	1.18016	1.39119	1.12274	0.85554	1.22945	1.29167
MIR3156-1	0	0	0	0	0	0
ZKSCAN5	3.71208	3.83235	2.86243	2.46815	3.48022	2.85915
MIR4497	0	0	0	0	0	0
LOC10065291	1014.44	1481.49	1102.1	1746.74	1147.44	1104.33
TUBAL3	0.252219	0.401394	0.577569	0.933902	0.845475	1.10172
OPRL1	0.431692	0.570551	1.20709	0.950748	1.11316	0.691712
LOC283588	2.29312	2.34422	1.7359	2.11956	2.98946	2.45605
LOC441009	0.0651933	0.0576398	0.0493517	0.122431	0.041522	0.0406257
INSL3	0.874736	0.154677	0.132436	0.164273	0.334274	0.10902
MYSM1	14.3303	10.0236	14.5474	9.4524	15.0328	11.6326
OCEL1	13.3712	17.0348	11.3973	15.3235	14.6184	12.4658

MRPL19	8.48546	6.11974	6.88237	5.61155	5.77503	6.13383
MIR551A	0	0	0	0	0	0
RASD2	4.81723	3.66755	1.72204	2.16742	1.70451	2.54327
APLN	0.521269	0.325322	0.5803	0.374296	0.663999	0.535019
SCYL2	15.8488	12.2865	14.0977	10.9985	15.084	12.5014
CCL19	68.5997	124.953	55.2039	24.1783	121.685	43.4834
ZDHHC12	26.7741	38.467	29.1355	46.8611	37.8668	34.0081
SECISBP2	23.8514	25.6617	23.3678	24.2165	31.0448	24.5932
LOC10065271	0.21377	0.0933644	0.0805409	0.20325	0.0677914	0.0678554
LOC10050571	0.0588339	0.0520172	0	0	0	0
HOMEZ	5.54752	4.04875	5.36823	3.90677	4.76655	4.35384
POLR1E	14.6343	19.7067	14.6148	15.1156	14.0527	13.0479
RADIL	0.774451	1.53472	0.869288	1.00303	1.10557	1.36461
CCDC84	16.3109	32.396	19.4563	37.0452	26.7306	23.15
NUDT9P1	0.422104	0.373197	0.239651	0.198174	0.26884	0.394556
ATXN7L3	22.3012	26.4907	26.9832	27.3534	30.1643	26.7806
XIAP	8.47063	6.72502	7.58245	6.55116	7.49902	7.06773
APOBEC3H	0.591867	0.717635	0.602733	0.651284	1.06432	0.536897
MGC12982	1.36741	1.13786	0.913358	0.604226	1.28075	1.30323
NUP205	11.8008	9.9078	11.3801	9.39145	10.8953	8.93092
DNAH12	0.0502481	0.0590042	0.216881	0.0589876	0.106299	0.00616506
TMPRSS11BN	0	0	0	0	0	0
MIR4315-2	0	0	0	0	0	0
LOC10050671	0.311429	0.240928	0.117877	0.182767	0.421495	0.36388
MALL	12.4596	10.7963	11.6325	9.31486	11.6591	10.0707
ALPP	0.0173949	0	0	0	0	0
B3GAT2	0.0826799	3.77E-132	7.95E-198	4.59E-185	4.05E-137	0.0953668
SYNJ1	4.19737	2.6681	3.48894	2.6533	4.41184	3.58151
HIST1H2BM	0	0.352478	0	0	0	0
SLC12A7	18.0226	22.1864	21.0962	28.7383	21.1559	15.7278
MIR4489	0	0	0	0	0	0
LOC729737	6.39921	7.52048	8.85702	7.44476	9.37525	7.72287
C11orf94	0.595852	1.58044	0.451063	0	0.379501	1.11393
MIR3973	0	0	0	0	0	0
SHF	6.37947	7.24675	8.09977	12.1321	12.5494	19.9526
DEFB124	3.29254	5.82212	0	9.27494	8.38816	8.2071
MAP1A	3.07277	2.18151	3.95784	1.70533	2.19074	1.89195
NSAP11	0.0501661	0	0.0379761	0	0.0319511	0.0312614
JPX	1.77281	1.8473	2.34855	2.67531	2.78245	1.85438
ITGAD	0.0249574	0.110329	0.0755714	0.0468691	0.0953729	0.0466571
FOXI3	0	0	0.20007	0	0.448877	0.109797
RFPL4A	0	0	0	0	0	0
ZNF99	0.0731077	0	0.0276715	0	0	0



TTY21B	0	0	0	0	0	0
CPE	69.4552	42.3515	57.6906	43.8827	40.3066	34.5785
TIAM2	0.97481	0.454638	0.547774	0.643741	1.05463	1.31933
SETD2	10.824	9.76847	11.9508	8.90896	11.3539	10.3695
CXorf56	11.3193	12.1419	10.4975	11.7783	11.7186	11.9831
DKK4	0	0	0.115757	0.287169	0	0.0952899
ZNF100	3.64308	3.27847	3.62785	2.34164	2.52745	1.95939
PRPF6	35.9977	40.8436	42.7392	43.2872	43.5127	39.5453
NPY2R	0.081149	0.0239156	0	0	0.0172281	0
TMPRSS12	0.0737956	0.326227	0.111727	0.0692929	0.0470008	0.0919726
LACC1	5.09018	3.84514	5.8349	2.89518	4.46625	4.0211
KIAA1949	18.6987	24.6595	20.0606	19.3677	25.9966	16.6243
C4orf38	0.563689	0.747567	0.391156	0.352863	0.658197	0.380539
YIPF4	20.4541	14.8682	15.8031	13.5631	14.5382	16.0312
MIR4771-1	0	0	0	0	0	0
SNORA74B	0	0	0	0	2.67503	0
LOC10050554	0	0	0	0	0	0
KRT18P55	0.0531724	0	0	0	0	0
HEXIM2	3.78617	3.79885	3.87469	4.67831	3.90536	4.22381
TMEM63A	18.2052	13.5186	18.2838	15.3394	22.3875	25.4326
GNB5	5.67486	5.8732	5.15503	6.26889	5.57024	5.17959
TM4SF20	0	0.078394	0	0	0.0282363	0.0276268
MOB3B	4.50393	3.90452	4.87072	4.1742	4.85237	3.42631
SYNRG	7.18449	6.37048	7.03656	6.26914	8.22675	6.56772
NLRP1	16.3783	27.49	29.5363	26.0976	35.836	25.6122
PPIAL4F	2.53544	1.91688	2.23929	1.36701	1.73484	1.64942
OSTF1	57.7409	53.7742	50.6842	53.797	44.6763	50.308
FEV	0	0	0	0	0	0
TSPYL2	20.4086	31.936	28.814	32.9557	38.8377	25.7436
PYDC1	18.3702	13.4059	12.5819	16.1541	13.9287	16.5353
NPTX1	0.44174	0.390559	1.07008	0.829575	0.393886	0.385384
PRSS16	2.78529	2.70884	3.9534	4.11917	3.52576	4.07884
IL17B	0.384121	0.679232	1.01774	0.90171	0.733947	1.31653
LYSMD4	10.2284	13.5344	9.78332	11.8431	13.3592	11.1974
DEFB126	0.464886	0.411023	0	0	0.296089	0
LOC10028811	0	0.0418082	0.10739	0.0444017	0.331291	0.0294672
MTMR7	1.66504	0.890973	1.45829	1.42402	1.3948	1.59801
MZT2B	69.8784	148.208	98.5539	166.247	86.7119	86.8252
TRIM56	3.68289	1.81171	5.45016	2.0281	3.7213	2.12246
LETMD1	49.085	64.222	50.8595	58.707	53.1184	46.3025
FAM5B	0.165599	0.12201	0.167146	0.0777473	0.404305	0.154791
LCE3E	28.3963	19.7554	12.8622	22.2922	34.0956	40.1767
AATF	20.5494	24.9022	19.303	21.4095	19.8913	18.5068

IDI2	5.002	5.77749	4.21344	3.48497	3.90682	3.66943
POM121L2	0	0	0.0709083	0	0.0198862	0.0194569
SLC16A1	10.0134	9.02982	9.43267	6.94046	9.74923	7.79598
OR5M11	0	0	0	0	0	0
KRBA2	1.79339	1.72551	2.83501	1.58491	2.92275	3.22122
MIR3065	0	0	0	0	0	0
DAO	0	0	0	0	0	0
WNT1	0.0891814	0	0.0675108	0.0837399	0.255601	0.138935
TAL1	1.77331	2.41994	2.24707	1.71941	2.45529	1.94585
LMLN	3.04065	3.41795	4.24139	3.15193	3.82124	3.96079
LOC10027221	3.20298	4.17907	5.55559	4.55517	6.65476	4.94146
ASPRV1	205.674	106.845	241.53	209.373	280.727	327.289
SH3GL1P2	0.362436	0.559575	0.509497	0.543287	0.248253	0.344417
HLA-DRA	342.625	302.927	251.37	138.739	364.895	163.316
MIR3135B	0	0	0	0	0	0
SEMA6A	5.51274	5.10729	6.55935	6.03694	6.75687	9.63098
PPP1R13B	12.7202	12.5533	13.5212	17.3316	15.6209	16.0352
C18orf61	0	0.371714	0.106088	0.526364	0.178514	0.0873306
KBTBD13	0.190366	0.140258	0.12009	0.0893754	0	0.0197714
TRIM46	0.693479	1.0033	0.381795	0.473575	0.983744	0.707149
PLA2G2D	0.22922	0.202662	0.0289202	0	0.0973278	0.14284
SRXN1	47.2059	36.8609	26.4979	29.8931	19.803	27.3939
ATP5L	109.315	111.251	95.0627	108.259	86.3281	90.4688
LOC10028721	0.0582398	0	0	0	0.0370932	0.0362925
NEK5	0.102628	0.0472592	0.0258968	0.128489	0.0871529	0.00266474
KCNK16	0	0	0	0.0970881	0	0
ITIH5	15.2564	18.2941	30.8232	15.4357	13.3605	8.76402
CUEDC1	8.20893	6.88674	7.27349	6.00002	6.53539	4.97013
NIPAL1	4.24225	1.81354	8.18732	4.02718	5.34444	6.01344
POTEJ	2.32316	2.59922	2.10365	1.73548	2.36935	2.32596
WNK2	9.78627	7.95807	9.99376	7.98487	7.60323	9.28947
OXR1	33.0159	27.4645	32.1115	21.7613	26.6149	26.4697
TPCN2	4.67967	7.12754	7.21574	7.59969	8.68908	7.55336
CCDC53	29.7702	30.2535	24.3365	27.5402	28.5254	23.1345
DLX2	0.309147	0.429516	0.267458	1.78317	0.196898	0.880674
TEKT3	0.0587964	0.675793	0.400583	0.49688	0.674059	0.549591
LOC10013070	0	0	0	0	0	0
MIR510	0	0	0	0	0	0
MIR4252	0	0	0	0	0	0
LOC10013089	1.72336	1.238	1.10075	1.36537	1.02902	0.839006
MIR4420	0	0	0	0	0	0
THBD	21.7314	22.8681	32.1879	25.4671	20.0761	17.4887
TPMT	11.3089	10.348	9.36636	9.5627	8.94529	8.5817

IFT140	3.87123	5.48308	4.39084	5.67544	5.71953	4.68823
WNT10A	7.30384	12.0844	9.57075	15.3206	11.5344	10.4071
LOC10050687	0	0	0	0	0	0
LHFPL1	0.238068	0	0.135164	0.223542	0.22744	0.22253
LOC10050737	2.04021	1.31249	3.05615	1.7775	2.02044	1.72902
MIR4762	0	0	0	0	0	0
LOC10050687	0	0	0	0.605414	0	0.401783
ARMCX3-AS1	0.593217	0.850775	1.61985	1.82958	1.38346	1.25572
SNORA11B	0	0	0	0	0	0
G2E3	3.55947	2.91901	4.41279	3.9074	4.5998	3.58969
RPS7P5	0	0	0	0	0	0
BRMS1L	5.91965	4.68285	5.71943	5.19277	6.02745	4.46548
SPATA2L	4.49568	6.58106	5.30833	9.59834	6.7598	7.42317
DEFB116	0	0	0	0	0	0
CPO	0.371169	0.328165	0.140489	0.697044	0.591	0.40477
CES5AP1	0.138668	0.367804	0.104972	0.130207	0.0883183	0
UG0898H09	0.43257	0.167323	0.255827	0.253861	0.189411	0.185322
C7orf57	0.241509	0.0854108	0.0731294	0.0453546	0.153818	0.0601993
SLC25A28	37.0364	57.2738	35.9058	51.777	51.0358	41.5689
SLC38A11	1.46998	0.832279	0.88201	0.637814	0.548351	0.274289
AGAP3	35.8124	46.61	43.2257	55.1184	51.0525	48.9654
RUFY4	1.70399	2.85375	0.684385	0.277887	2.45095	0.337963
R3HDML	0	0	0.120185	0	0	0
POP1	2.74991	3.23909	2.25588	2.33227	2.57062	2.29587
GPR21	0.110452	0	0.167225	0.207425	0.140695	0
CRABP1	8.27662	10.8301	8.89694	7.92705	16.236	11.8626
OR52A5	0	0	0	0	0	0
APCS	0	0	0	0	0	0
LOC401463	0.0741951	0.163997	0.252748	0.034834	0.165394	0.115588
SPESP1	3.51864	2.84303	0.690745	0.743265	0.794149	0.487488
TTY8	0	0	0	0	0	0
ZSWIM3	2.26779	2.41344	1.63719	1.43194	2.10334	2.82739
HNRNPA1P1C	168.89	179.547	175.281	174.524	183.443	167.993
GLT25D2	0.371533	0.279213	0.464067	0.174432	0.331284	0.254676
SULT1C4	0.700305	0.675453	1.34943	0.358677	1.05425	0.476073
TRPC6	1.65778	1.11319	2.11276	1.12314	2.05824	1.39921
SNORD9	0	0	0	0	0	0
DUSP5	16.354	16.6809	13.4973	11.798	13.6169	18.4683
TACC3	5.64504	8.71038	4.92657	6.61731	8.72503	9.8736
CDCP1	10.4347	10.4934	12.2186	12.6322	11.6887	10.7526
LSM5	14.494	15.4226	14.678	11.8989	12.0663	12.3555
RASL10B	1.51761	1.75252	1.40674	0.872456	1.63726	1.02291
CBR1	66.8335	84.684	77.7586	103.126	68.6722	68.5867

SPAG5	3.56947	4.45005	3.90737	3.80982	5.3319	4.30467
VEZF1	12.9068	10.7836	11.8258	11.0211	12.4504	10.1253
DBX2	0.0736033	0.0976132	0.557181	0.241893	0.0468784	0.114666
LOC10065298	0	0	0	0	0	0
SAMD11	0.378785	1.34837	0.839683	2.44628	1.30148	1.23487
LOC10050663	3.33723	2.7236	5.6356	6.02617	9.9735	3.99927
USP6	0.472133	0.434886	0.735578	0.659145	0.93207	0.800753
DIRAS3	8.66459	7.77588	6.26324	6.72895	8.21555	8.68776
CIAO1	27.6707	33.3919	27.0981	31.1743	32.5218	26.7862
AKT1	51.7363	55.2443	49.8246	56.1647	53.8852	46.3457
C14orf180	17.8061	24.5059	30.3392	10.2972	12.0369	5.21336
CENPF	2.43479	1.96655	1.51748	2.20028	1.78392	2.46982
GPRC5B	12.2432	10.9487	7.64824	6.29161	7.75308	6.99549
PIK3C2A	10.4329	8.4563	10.986	7.52162	10.1964	7.92553
LOC10049919	0	0.0388239	0	0	0	0
FBXO25	11.8716	12.8288	10.7875	9.85827	10.2895	10.5527
LOC10028820	0	0	0	0	0	0
SLIT1	0.0959438	0.127263	0.199577	0.101348	0.0839163	0.0373205
LOC10013000	0.608513	0.593155	0.368518	0.345687	0.196205	0.342464
GMDS	17.2005	15.73	12.3819	16.4621	13.1461	11.7181
LOC84856	0.397095	0.468115	0.601206	0.145866	1.37696	0.962316
CINP	22.2113	20.7051	19.2812	20.2344	19.0668	22.0399
CYP2U1	2.72517	2.30154	2.78655	2.10059	3.08277	2.1291
FAM110A	24.5718	30.3791	26.7941	38.9775	28.1499	39.1703
FOXP3	2.60312	3.13318	2.3422	2.15327	3.63377	2.12265
LOC10028918	4.32105	4.09297	5.06059	2.80345	4.38867	2.37256
CCDC136	0.622803	0.80046	0.523695	0.366132	1.0127	0.546212
ZSCAN1	0	0.532245	0.265832	0.141316	0.127804	0.125046
PLXNB3	5.82057	7.91388	7.35083	8.36628	8.56632	9.0431
DCTPP1	34.6504	36.6728	23.839	37.8951	27.2618	27.3719
CLYBL	2.59124	2.27632	2.15019	2.6047	2.32745	1.99773
ANP32AP1	6.87624	5.97472	6.13935	7.44969	5.50154	5.60249
PHF17	17.4561	13.4861	15.6295	15.157	13.1017	11.4189
ZNF486	0.635206	0.936015	1.33571	0.463904	0.719978	1.27546
USP35	1.77959	2.62898	1.73937	2.05175	2.13774	2.62502
PARP8	4.36791	3.64438	4.0133	2.81444	5.52913	3.16329
LOC10065297	0	0	0.0677903	0	0	0
ZNF688	8.73885	17.3619	12.9741	18.3904	15.0891	15.4667
CRTC2	20.6399	26.5613	21.4093	22.7572	28.367	23.9731
MIR3183	0	0	0	0	0	0
LAMP2	63.5726	48.0163	56.8405	47.8421	53.3689	46.368
PRR25	0	0	0.140489	0.174261	0.0591	0.0578243
MIR3607	0	0	0	0	0	0

C1orf49	0.664974	0.522602	0.447455	0.935709	0.509056	0
PRAC	0	0	0	0	0	0
OR5B2	0	0	0	0	0.140863	0
MIR4417	0	0	0	0	0	0
EFHD1	28.3338	13.381	7.61584	14.0271	10.2314	27.0736
COL11A1	1.63188	0.90062	0.760481	2.53124	1.97478	5.10988
CABP1	1.29322	2.81584	0.386691	1.35593	2.40303	2.05376
BID	12.2488	16.0497	12.3221	14.6246	12.8356	11.4726
DENND4C	15.573	11.384	15.698	12.2175	15.7195	13.8683
FRZB	24.5551	10.3123	15.1167	22.9212	11.3845	9.18101
SNORA35	0	0	0	0	0	0
ARMCX3	21.8166	14.5313	18.5092	12.889	17.4252	16.9802
LOC10050598	0	0	0	0	0	0
GNB2	117.524	152.99	121.063	143.471	149.217	141.116
POLE	11.8352	15.2465	14.465	15.5333	15.3687	14.8937
OR10J5	0	0	0	0	0	0
RCAN1	19.0154	24.6868	19.6117	41.0137	24.1402	20.5789
C18orf21	18.4136	20.9167	16.1651	24.1452	17.3111	16.3474
LOC10050586	1.17378	1.29723	2.22139	1.65324	1.68207	0.914312
LINGO1	1.25644	2.582	1.49096	4.43212	1.75186	3.55505
C9orf139	0.483597	0.541545	0.468738	0.216593	0.770818	0.386024
LOC10050619	0	0	0	0	0	0
VGLL4	29.2526	28.9	29.9897	34.3786	32.423	28.7975
KIAA2018	2.93384	2.02555	2.86288	2.4466	2.97927	2.1777
PLA2G4C	6.35339	10.8103	3.9325	3.97737	5.44282	3.88447
SLC25A6	257.69	257.99	328.167	384.039	371.151	259.633
OR4S2	0	0	0	0	0	0
TSPAN18	9.37371	8.18468	9.1451	8.62863	10.3255	9.83235
LOC286184	0	0	0	0	0	0
LOC10013014	0	0	0	0	0	0.0205265
PP2D1	0.135149	0.119021	0.204282	2.08E-11	0.215894	0.0425466
FBP2	1.18473	2.76829	2.49835	3.01948	0.485074	0.685538
KCNV1	0	0.0300565	0.0257346	0	0	0
CCAR1	25.6143	21.6314	23.4292	17.4321	25.6484	21.228
AGPAT4	4.03335	3.99183	4.38394	4.12641	2.19312	3.39873
FZD4	21.8633	19.546	30.6687	18.0431	17.0356	10.8449
A2M	86.0627	78.6166	64.7269	47.0144	48.5224	39.3997
TRIM64C	0	0	0	0.0507398	0	0
AP3B1	15.6348	9.79969	12.3543	9.44262	11.3604	11.7099
VWA5A	25.0302	29.2818	31.5938	21.8638	35.9438	24.8223
HYOU1	23.4474	18.6578	18.143	17.3152	16.0612	19.2335
KCNK15	1.89209	1.31768	1.98608	1.70218	1.63945	1.2893
RN5S9	0	0	0	0	0	0

LOC10028778	1.47071	1.30031	1.85556	1.38097	1.40505	1.52747
C14orf34	0.370665	0.359292	0.243572	0	0	0.230983
ZER1	18.4764	20.3845	21.7781	22.9262	22.3033	20.0748
C9orf72	7.66058	7.75125	9.09451	6.3452	8.94514	5.92456
MYADM	25.9774	23.4177	38.4136	24.5718	20.5218	18.3576
FAM96B	46.8097	72.4732	55.331	65.678	56.1455	60.6547
LOC644838	0	0	0.0370495	0	0	0.0304987
MIR3153	0	0	0	0	0	0
HDAC6	17.8011	21.4655	18.8286	20.3211	23.2098	19.7333
FTSJ1	18.3192	22.7813	18.6548	22.2615	21.2523	18.4039
ATN1	55.598	69.9278	60.5945	64.7535	82.2644	67.357
MAGEB4	0	0	0	0	0	0.0563915
LOC10050709	0	0.123838	0	0	0.0892092	0.058189
KIF17	0.59734	1.00858	0.706495	0.512343	0.676987	0.485101
PSMG3	49.9261	73.5214	43.6463	66.3468	55.2354	58.1755
SDHAP2	12.5272	14.3982	9.92772	10.5031	14.7381	14.4383
TMEM104	5.98307	6.80124	4.85273	5.54157	5.18456	6.4803
ACTR8	4.16199	4.82671	5.6057	5.12613	5.35322	5.15346
PLEKHO2	12.0679	10.5846	11.7939	7.17592	10.8027	6.97037
C21orf56	4.72272	9.54463	0.427518	1.64843	9.03287	9.29176
SLC38A1	24.496	11.1683	15.9197	12.2435	17.3723	13.8516
LOC10050766	36.5918	57.9594	30.2151	43.6752	33.5572	30.6008
ZDHHC1	7.35366	10.7755	8.75893	12.6993	8.48286	8.39592
IWS1	17.1828	14.2449	15.323	14.5686	14.58	15.0291
HAR1A	0.214647	0.379554	0.108326	0.100775	0.592408	0.133759
CCDC117	11.9189	8.39574	7.89253	7.6756	9.74233	8.57121
UPP1	6.08374	7.16261	4.11369	4.76989	4.43895	4.45354
LOC10028793	7.25474	8.91284	6.49033	10.4389	8.46082	7.33873
POF1B	41.1039	16.6738	58.1341	27.6414	56.3099	57.528
RASGRF2	1.38533	0.654647	1.39224	0.38127	0.562863	0.506061
FLJ20712	0	0.290185	0.165639	0.102729	0.418081	0.136352
MIR4328	0	0	0	0	0	0
C1orf124	9.0651	9.55813	8.54277	6.39644	6.17228	5.48536
PAQR9	0	0	0	0	0	0
SNORD115-40	0	0	0	0	0	0
SMAD3	14.1811	14.8187	17.6314	16.0309	18.3261	15.9085
KLHL23	0.00286525	1.15608	2.03274	0.000163188	1.50551	1.26484
GCNT6	0.0959772	0.084857	0.0726553	0	0.0611284	0.119618
SLC38A8	0	0	0.0638846	0.079242	0	0.052589
AQP4	0.246107	0.0166207	1.35216	1.38981	0.14256	0.107111
HKR1	19.2073	21.4002	17.7826	23.7492	23.3623	23.0063
CCT4	76.6282	66.7875	65.8193	72.6477	60.9507	62.2668
OR5K2	1.0024	0.997037	0.379409	0.352963	0.159608	0.395287

ZDHC3	12.5968	12.6804	15.9394	14.8352	16.8178	15.3889
CMAHP	11.9951	13.0576	17.7609	9.24284	12.4445	9.40782
VPS26B	28.9034	28.7194	29.8879	30.0996	32.0707	28.948
TTY1B	0	0	0	0	0	0
CLECL1	0.219467	0.388079	1.16297	0	0.27956	0.410288
ZNF304	5.64328	5.20299	5.83451	4.26803	6.61507	4.65238
CLEC4M	0	0	0	0	0.157319	0.194349
LRR9	0.0405937	0	0	0	0	0
RBMS2	7.00004	8.17244	7.56876	8.0964	8.84138	6.6474
ZNF888	3.9547	3.56136	3.09949	2.62291	3.08049	2.64752
C1orf15-NBL	10.6111	22.6506	30.7913	17.9393	19.9996	19.2512
ABCA9	5.60971	4.51738	8.32098	4.11428	9.03834	5.45144
NCAPH	1.20726	1.16268	0.799663	0.850196	0.961136	0.994126
PKLR	21.5348	13.6343	12.6482	14.6207	13.4293	14.792
PSMG1	20.4964	25.1188	20.1244	19.6269	16.9316	12.8989
SATB1	11.8912	11.5128	14.0304	9.29193	12.6525	11.7662
LOC643529	1.31359	0.861033	0.445763	0.489123	1.15398	1.03027
MIR631	0	0	0	0	0	0
TTLL6	0.0396477	0	0.0862559	0.148915	0.101008	0.0247068
ENPP5	3.01005	0.80736	1.92019	1.74665	1.1632	1.34884
SLC38A2	69.8718	55.7493	75.4314	68.8308	80.8312	75.2046
SIRT2	40.3147	49.6325	39.3981	46.9852	44.7092	48.235
ZNF7	15.1696	19.3639	17.0581	16.4393	18.8172	15.6234
SKOR1	0.180835	0.351743	0.574951	0.611285	0.529805	0.315529
MCRS1	34.7496	43.7876	31.5551	45.9185	40.4721	37.9952
MIR4427	0	0	0	0	0	0
PHLDB2	7.58208	8.7778	8.11565	6.18024	7.91882	5.15165
FREM2	0.138866	0.143239	0.262805	0.347714	0.460648	0.31369
SKINTL	0.284709	0.377583	0.377171	0	0.679998	0.354837
TAF15	88.5189	90.1796	81.17	83.3797	87.5047	83.6043
LOC595101	2.92454	2.4468	2.70591	2.2989	2.87204	2.25213
TBX18	5.84004	3.97835	7.37427	4.11278	6.93605	4.6684
MIR3687	0	0	0	0	0	0
KCTD5	13.5025	12.7726	15.0059	13.1796	17.278	15.8905
HULC	0	0.605544	0	0	0.218108	0
ANKRD11	11.0863	12.4408	15.094	11.325	14.7318	14.3232
PUS7	7.93118	8.16013	7.13634	8.48081	7.15459	6.08556
TTC31	14.2273	19.1101	14.232	15.32	22.3899	16.0261
UCKL1-AS1	0.524427	0.49656	0.739982	0.445383	1.13737	0.819933
LOC10050650	0.524817	0.170659	0.541811	0.35966	0.769818	0.453667
SETDB2	5.91914	5.21717	5.89054	4.90906	5.2934	5.27062
MIR184	0	0	0	0	0	0
BIRC2	22.6483	18.2668	17.3032	14.5868	21.3207	18.4159

STAG2	15.8784	12.8446	17.2846	12.3694	15.065	14.3888
APAF1	4.90157	4.36787	4.54903	3.28201	6.23347	4.47434
TUSC3	8.87965	7.19317	7.64832	7.43966	5.75911	6.17246
ADAD1	0	0	0	0	0	0
HIPK4	0.0412426	0.255249	0.0936627	0.193631	0.157606	0.308408
FLJ42969	0.159701	0.0470659	0	0.0499857	0.101715	0.033173
SNRPA1	11.2553	14.6855	9.34754	10.5685	11.3444	11.6444
CD7	2.41824	3.51252	1.69986	0.729864	2.86035	1.23785
GAL3ST2	0	0.132182	0.565877	0.070191	0.42849	0.419241
MIR132	0	0	0	0	0	0
CTSW	2.73642	3.32617	2.26443	1.12357	4.29688	1.22465
VPRBP	7.27665	5.06162	7.04559	5.49716	6.12888	4.85128
LOC1005060:	0.359598	0.794835	0.41173	0.337657	0.343545	0.168065
MRPS25	41.1201	39.5757	33.172	30.5748	33.9307	31.7397
TNFSF12	23.6854	32.4649	30.4732	30.3949	30.9962	21.0801
PNPLA1	6.53395	4.39908	7.49328	6.77601	7.86776	9.90822
RBM47	31.6835	20.0777	18.5775	17.8506	17.4118	16.9359
PTBP1	75.2018	91.4454	86.9265	107.773	88.8586	83.1933
SNORD83B	0	0	0	0	0	0
GUCA1B	1.93046	2.61972	1.76724	2.82439	3.25966	2.68572
HOXD12	0	0	0	0	0	0
MIR491	0	0	0	0	0	0
UPF2	12.761	10.0472	11.2114	9.00867	10.3226	9.77472
RPS5	752.855	1239.54	955.969	1735.3	938.472	876.035
ANKRD37	6.51996	8.93771	5.41746	8.99381	7.44453	7.4232
C4orf39	0.988972	0.999299	0.891259	0.663307	1.46972	1.52604
SIT1	3.78685	3.34809	1.70635	0.592632	3.04354	1.23609
F2RL1	12.553	12.3521	16.9373	13.8977	18.0385	16.0329
CHRNA1	1.09791	0.649358	0.634473	0.352573	0.336302	0.14624
SUMO3	67.2187	68.089	60.053	72.5305	63.1477	47.5572
PIWIL3	0.0280529	0	0	0	0	0
LMCD1	15.365	21.4242	16.0908	17.792	16.1296	21.988
C19orf66	23.3452	39.2033	18.127	19.0224	26.5657	20.1197
ATAD3B	17.4149	30.8554	18.4521	26.8588	22.9338	21.0045
RSAD2	5.06525	4.60209	1.08042	0.446714	1.15854	0.889386
INCA1	1.67264	2.5631	1.92912	1.75748	3.20605	2.51697
MIR519B	0	0	0	0	0	0
ZNF22	14.7446	11.6877	11.7919	10.7577	11.4623	9.96811
SNORD18A	0	0	0	0	0	0
FKBP9L	7.21846	7.38352	8.92972	6.84541	8.39988	7.26225
TIMM23	38.7292	40.5312	34.0439	44.8934	28.3756	30.7585
SNORD111	0	0	0	0	0	0
FAN1	11.2952	12.2729	13.4745	14.7119	16.3421	14.3056



SNORD114-9	0	0	0	0	0	0
SNORD63	0	0	0	0	0	0
DNAJB9	15.2907	10.1481	12.5673	10.3674	10.017	10.1472
TMEM30B	11.0862	7.81438	9.94524	7.82783	8.03383	7.30285
LOC1005056:	10.6354	11.1081	8.77168	9.80586	11.341	7.96884
OS9	107.015	102.011	109.86	99.3607	104.077	95.1522
LOC729082	15.1649	10.6389	16.1385	12.795	9.93859	10.717
POM121L8P	0.0873448	0.145418	0.289074	0.224002	0.0785663	0.0767557
UBE2J2	21.2487	32.3083	27.0577	32.2105	30.8379	29.2048
FASTKD3	10.4595	10.458	10.3238	8.77203	10.7953	8.87632
MAFF	14.9188	13.5547	15.4559	25.4243	18.3236	14.214
PIP5K1P1	0.206161	0.385082	0.294789	0.194254	0.262824	0.228392
TMEM167A	33.0497	23.1749	28.3259	18.5089	24.7998	23.7779
ST6GALNAC4	39.9298	45.7227	20.7545	29.6367	16.7984	22.7864
P2RY13	2.60097	1.40532	2.2971	0.780169	2.43884	1.01301
GPR37L1	0.287798	0.363504	0.062247	0.0386054	0.157114	0.051241
MECR	35.3475	43.7861	28.7937	35.8034	24.6345	26.6251
FBP1	50.6416	38.2644	26.4513	36.4452	27.4273	36.6725
PURG	0.224545	0.132574	0.169806	0.0700058	0.366043	0.116148
LINC00323	0.0511392	0.0904281	0.387126	0.144057	0.227996	0.0637355
LOC1005065:	0	0	0.203384	0.252275	0	0.167423
QSOX2	8.57471	9.58523	11.7034	10.7621	13.769	10.6068
SNCA	4.21536	4.70801	3.82031	6.73059	4.40831	4.06368
KANK1	21.1771	14.8449	27.3233	22.0223	22.0577	25.6501
TGFB2	2.18657	1.13739	2.19871	2.7579	2.13046	2.25733
ZMYM1	5.76238	5.54852	6.18119	5.78319	5.80974	5.69887
MTBP	1.88161	1.60624	1.37527	1.64495	1.59099	1.55665
MARK2	20.8011	20.5084	23.7227	25.1961	25.5262	26.5203
LOC728392	11.6209	25.8457	20.7633	31.3122	28.6862	26.8525
PXT1	0.146206	0	0.258251	0.137285	0.12416	0.121479
FOSL1	1.46024	2.75051	5.33482	1.13269	0.930037	1.93861
ZSWIM6	3.52472	3.30146	4.01556	4.2108	3.63409	3.25119
FAM157A	0.154697	0.0256451	0.16674	0.0817078	0.431315	0.211002
LOC150622	0.00791859	0	0	0	0	0
PELI3	7.36008	8.99628	5.85587	7.43828	6.98358	6.31767
LOC1001304:	0	0	0	0	0	0
IQCF1	0	0	0	0	0	0
UQCRQ	76.8954	90.0924	69.0843	89.6538	54.9362	65.0794
ENAH	8.27376	6.44287	7.20127	6.45712	6.58532	7.01949
MIR605	0	0	0	0	0	0
MIR3928	0	0	0	0	0	0
ATP5B	567.493	472.199	448.398	491.594	437.82	442.212
CAPNS2	50.8746	70.1402	60.758	84.4162	79.97	105.676

GUCY1B3	6.47739	4.86652	3.7754	2.7127	3.17643	3.14577
SIRT4	2.13208	2.62268	2.38591	1.74086	2.42066	1.90628
SGK223	5.62566	6.85985	5.43018	5.81261	6.40681	5.55174
LOC440434	20.6217	19.0896	26.4122	19.5605	25.2134	20.682
CLDN25	0	0	0	0.182238	0	0.120943
LMO4	23.681	22.8392	20.8337	20.9674	24.7413	21.8807
SKA3	1.50902	1.48077	0.829755	1.27869	1.63509	1.40343
OR13C3	0	0	0	0	0	0
ACD	8.9179	12.5935	10.1807	13.5692	11.9934	11.3966
KLF4	56.2133	56.333	121.982	88.3548	101.311	82.561
MIR1269	0	0	0	0	0	0
LOC10050637	0.0894089	0.204616	0.282865	0.109974	0.236709	0.180561
NEUROD4	0	0	0	0	0	0
MIR941-1	0	0	0	165.817	0	0
PRKCQ	0.792211	0.905758	0.539463	0.436528	0.652481	0.501772
C6orf35	4.9088	4.8656	4.67401	4.3212	4.35992	4.26581
C5orf48	0	0	0	0	0	0
SHB	6.38877	7.60165	6.06346	8.49105	6.08332	7.61579
BATF2	1.29399	2.37287	0.471638	0.270008	0.732576	0.477842
RARRES2	93.7745	168.299	152.591	121.957	123.582	85.8522
C2CD3	2.28132	1.11607	1.91118	1.05678	1.85014	1.7249
WSB1	86.8923	95.3915	85.0099	86.3677	118.074	104.857
RHPN2	21.8144	5.43674	13.8175	17.7662	9.33927	7.95862
CYP19A1	0.295613	0.089843	0.0769243	0.113086	0.0575289	0.0633232
LOC256483	0	0	0	0	0	0
TFDP1	32.0248	35.292	29.6281	31.7158	29.8516	27.2976
GNLY	6.1053	5.09004	3.90139	0.872811	3.32802	0.97395
MIR2054	0	0	0	0	0	0
HAO2	36.0078	20.143	26.4531	27.5947	19.7418	26.8175
DFNA5	1.85992	2.4858	1.75098	1.36363	1.6175	1.49787
LOC10050588	3.91474	4.12068	7.20788	13.4675	7.60271	16.5101
LOC389493	1.91516	2.96321	0.906116	3.59661	1.82966	1.19345
MIR22	0	0	0	0	0	0
RUVBL2	43.84	43.8218	36.0944	48.4455	40.2445	49.4455
FHL2	32.8965	33.2277	25.253	44.2374	26.9187	26.6051
CCDC112	4.89445	3.86251	3.73574	2.01365	4.63713	3.35246
FLJ31662	0	0	0.0274972	0.0682146	0	0.0452707
ZRANB2	67.8208	63.3642	72.0603	46.4093	76.7005	60.2492
BHLHE41	13.1736	15.5602	16.3008	12.5156	9.47828	8.24148
ARL17B	1.34976	3.88468	3.57622	3.80941	3.00884	3.15793
PCMTD2	31.8056	32.0151	33.3555	26.5748	37.073	39.3966
WDR85	14.5275	25.1889	17.5445	24.2568	25.5018	21.9807
CYLC2	0	0	0	0	0	0

ABCC13	0	0	0	0	0	0
LOC348120	0	0	0	0	0	0
P4HTM	10.9163	14.3396	16.8241	19.7801	20.6946	18.7418
ATF1	10.5958	9.11881	10.278	7.94431	8.82698	8.53602
MYBPH	1.56556	1.74302	4.82833	4.90011	1.95729	2.02344
C15orf37	2.28322	2.90506	3.15984	2.79509	2.07073	2.1764
TMEM69	23.404	18.5854	18.5516	18.6694	19.0923	16.84
GPATCH1	4.2805	4.9251	4.86054	5.03792	4.89236	4.25692
MIR3972	0	0	0	0	0	0
SNORD24	0	0	0	0	0	0
FAAH	9.32375	14.6647	12.4446	15.4977	17.2525	12.7518
MIR548G	0	0	0	0	0	0
USP40	10.1461	11.0999	13.2665	13.3763	15.546	13.039
SNORD119	0	0	0	0	0	0
MARVELD1	18.8839	24.5301	20.185	19.8823	29.0515	23.0205
TNFRSF8	0.773609	1.14011	0.977497	0.521234	0.928989	0.85715
FAM41A2	0	0	0	0	0	0
RAD17	13.3103	13.3879	13.4954	12.8024	11.7879	11.9796
ARHGAP1	44.5266	47.5225	47.7161	48.6997	55.2545	54.8392
TREM1	0.301203	0.258831	0.228013	0.377101	0.258965	0.182429
NINJ2	4.79107	7.79802	7.66587	8.69074	4.64654	3.93555
MS4A7	4.12794	2.03096	3.41871	0.830941	2.74053	2.00394
KIR3DL3	0	0	0.0473127	0	0	0
MTHFD2L	2.49348	1.86249	1.82249	1.41288	1.77978	1.41988
KBTBD8	0.805215	0.511122	0.593923	0.310188	0.460246	0.540374
C1orf55	6.59055	5.48292	7.86102	4.17889	7.18696	6.25893
ENTPD1	7.02235	4.8466	6.4166	5.33255	7.51496	6.45323
TCF7L1	14.6774	16.6888	13.4623	14.9037	13.4135	12.9538
ATP9B	7.23806	6.4782	6.70999	6.46183	6.59582	7.00856
AVP	0	0.201715	1.20897	0.428457	0.145309	0
SIGLEC9	0.13321	0.339163	0.562203	0.23053	0.628259	0.33896
LOC400043	6.40464	7.73426	10.6427	6.52724	9.50144	9.83174
LOC10050643	0	0	0.278605	0.691159	0.234404	0.458688
C1QTNF9	0.801695	1.01325	1.17043	0.967859	1.93318	1.67717
PRDX3	85.6777	65.5559	70.4918	58.2917	53.0742	48.8788
LOC10065271	0	0	0	0.259634	0	0
KRT16P3	6.86234	6.78546	3.30961	6.1451	2.27246	18.9098
KIAA1656	0	0.479266	0.410351	0.508997	0.345249	0.675592
EDA2R	1.72401	1.32114	1.89208	1.2683	1.62781	1.62913
PPIA	231.145	252.938	205.318	260.181	215.272	213.6
EPC2	7.99858	6.28608	7.25781	6.39786	6.89537	6.62905
SLC24A6	11.4285	16.2793	14.242	14.4651	18.3462	10.8284
SNORA62	106.367	62.6956	26.8402	83.2311	79.037	66.2836

CTSG	37.8498	52.209	100.333	64.1191	57.4916	55.4401
INHA	1.51716	3.28638	2.297	4.62992	3.57527	2.97811
IRAK2	2.58027	2.88297	1.48105	1.0916	2.87141	2.191
SUGP2	24.3302	22.2186	24.628	21.2533	27.8511	23.9624
PABPC5	0.770784	0.454319	0.302549	0.294863	0.527281	0.498109
SEL1L2	0	0	0.311784	0	0	0
LOC10050679	1.18425	0	0	0	0	0
PTGER4	5.10184	3.84813	4.53854	2.54413	5.34222	3.95161
AIMP1	25.3011	22.624	22.8235	19.7603	23.8401	21.2489
LOC10050680	0.351991	0.311208	0.266459	0.0734475	0.498189	0.219346
TTC28	2.82423	2.80351	3.17123	2.34195	2.41037	2.25728
GABRG3	0.103136	0.0911861	0.234223	0.0484214	0.131375	0.224944
LOC10050703	1.96129	2.3567	2.19012	2.02447	3.05665	1.73106
LOC148189	1.79005	1.76466	1.39552	1.30659	1.31406	1.37764
DGAT1	21.0248	27.3512	21.8869	22.524	21.8839	16.8312
LOC10050730	102.848	241.826	147.251	232.334	150.945	149.545
LOC10028807	0	0.180316	0	0	0	0
LOC285456	0	0.0458553	0.0588925	0.0730499	0	0.0323197
C12orf28	1.54299	0.944458	0.808653	0.891597	1.05834	1.33135
LOC10050595	0	0	0	0	2.71E-11	0.638056
MET	4.09746	5.11876	4.58987	3.70537	3.99927	4.1953
RESP18	0	0	0	0	0	0
TRPV6	7.98992	7.33822	6.30912	10.7362	9.16866	10.8164
QSER1	8.84431	5.7746	8.20701	7.3192	7.79403	7.35911
KIAA1919	3.5861	2.42199	2.58273	2.10456	1.53853	1.7381
MIR4536	0	0	0	0	0	0
CCDC3	52.7315	82.1541	83.075	98.5818	100.243	79.2561
CCT8L2	0	0	0	0	0	0
LOC10050589	7.40204	14.7777	8.13394	13.9008	9.12464	9.07648
GATAD1	14.4075	16.01	18.4329	17.258	21.7779	14.4358
RNF41	7.52924	7.99688	8.15233	8.17726	7.88327	6.60589
LRRC61	4.97889	5.33904	3.61762	5.82241	4.89737	4.49643
U2AF1	61.0512	70.8457	64.2711	75.3194	60.6603	57.9862
MIR224	0	0	0	0	0	0
MIR2277	0	0	0	0	0	0
MGAM	0.0294376	0.0130134	0	0.0414621	0.0382791	0.0183443
ATXN1	5.71633	4.45203	5.75499	5.17931	6.27542	5.48296
LOC10028749	8.2647	6.72676	9.43395	8.86848	11.2791	8.82837
XCL1	0.800708	0.428301	0.607824	0.0751852	0.305985	0.0498967
NAT8	0	0.190076	0	0	0	0.0669849
ZEB2	10.8899	9.41695	12.2071	6.85018	10.0951	6.60136
C8orf46	1.30591	0.753005	1.61182	0.933004	1.19337	0.725335
CNPY2	42.1984	47.7511	40.8034	42.3594	41.1214	41.1686

KCNQ5	0.427855	0.351855	0.393689	0.473994	0.175804	0.228985
PXK	6.72058	5.08664	7.43856	4.87631	6.7124	6.12337
HGSNAT	30.4184	32.8505	30.4883	34.5245	35.9141	28.5597
METTL17	34.6801	53.4623	37.3206	49.615	57.1483	43.3833
PSMB10	43.2557	71.3338	30.3618	30.3255	43.8124	24.4122
ACVR1C	2.2644	3.31216	4.63565	1.21674	1.82665	1.08132
MIR614	0	0	0	0	0	0
YTHDF3	18.7529	14.2186	17.4906	13.0837	15.3343	13.8742
RTBDN	0	0.0984791	0	0	0	0.0694103
ASXL3	0.198784	0.0659072	0.122266	0.0816617	0.0474776	0.0309685
POLRMT	6.8975	9.64812	9.21548	10.2386	10.857	9.55876
ARC	0.304387	0.478436	0.870487	1.07975	1.1632	1.11701
IFT43	13.8778	19.3929	19.5562	23.1177	21.0021	20.2585
LOC283440	0	0	0.195966	0	0.164876	0
CGB5	0	0.353092	0.672523	0.764061	0.310954	0.3733
PEX6	18.9703	22.388	14.935	19.2906	21.7302	24.4486
SPRNP1	0	0.0786329	0.192723	0.213429	0.23366	0.196458
EDN3	0.985107	0.93209	1.59871	0.845318	0.699577	0.763564
MAGEH1	13.5371	13.1459	13.4395	11.8081	12.815	10.1413
LPAR1	13.7183	8.5698	12.229	6.08619	11.1654	8.64469
MAP1LC3A	39.1074	52.587	46.0155	61.9905	73.1306	70.2196
NT5DC2	30.0285	38.2101	31.7458	53.5929	42.3665	54.7404
SOLH	10.7162	16.0492	16.0086	17.5613	16.531	15.4506
PGAM1	155.263	141.302	116.931	132.225	124.745	131.996
C19orf22	38.4287	50.4526	31.9384	44.5071	39.662	41.9074
NKX6-3	0	0	0	0	0	0
NEU2	0.993885	0.263619	0.526663	1.30654	0.696312	5.8838
FAM107B	20.4693	18.4176	24.0257	15.4103	15.0946	14.8654
SLC5A11	0.17285	0.45847	0.0327121	0	0.192656	0.188498
ATP6V0C	257.254	332.658	249.754	300.274	235.16	292.383
MIR1910	0	0	0	0	0	0
PIN1P1	0	0.313208	0.0893904	0	0.150417	0.29434
TMEM86B	5.70562	10.3015	5.45582	10.3766	8.30069	5.80108
LOC10050700	0	0	0	0	0	0
SIRPB2	1.47	0.491327	0.782613	0.268392	1.49031	0.717169
CD163	4.48824	1.44848	2.70364	0.756971	2.29589	0.865588
FAM178A	11.6109	14.115	11.7362	12.0031	13.1023	11.3749
PSME4	15.2536	13.2493	12.2676	12.3721	12.7373	11.4266
SLC25A27	11.8473	13.5059	15.2073	15.3392	18.7226	16.2375
TUBB	217.777	246.542	211.614	222.029	220.69	206.538
ENTHD1	0.184893	0.196165	0.139965	0.104167	0.0471038	0.0691306
RTN4IP1	3.39168	2.72916	2.50982	2.68376	2.33008	2.23229
KLHL6	0.967306	0.694875	0.846671	0.326415	1.08777	0.640458

TMEM143	4.30899	7.81999	6.00882	8.00697	6.84661	5.99219
LOC10028874	0.890693	1.16052	0.851697	0.660274	1.13458	1.373
PABPC1P2	0.0248097	0	0	0	0	0
F3	26.0804	15.2055	28.583	21.7569	24.7831	20.0087
POFUT2	11.1737	13.4647	13.058	13.5853	15.7798	12.2179
TPI1	216.87	220.86	180.353	237.772	227.654	229.876
LOC10028706	0.509141	0.375125	0.513896	0.0796792	0.216183	0.158637
PEX5	19.0993	19.5946	18.7331	18.6838	20.9271	17.3415
FAM47B	0	0	0	0	0	0
KIF25-AS1	0	0	0	0	0.0226707	0.0221813
SCAF1	16.4138	20.5438	17.6579	22.1776	18.5706	19.208
TUBA1A	64.6455	57.4241	62.2344	59.6956	64.4869	71.9747
GIN51	2.91142	4.13978	2.38573	3.29744	3.28804	3.17965
RNF11	57.314	45.6803	49.47	35.3931	39.0112	45.3685
C2orf50	0	0	0	0	0.0698458	0.136676
SF3B2	60.0621	60.5023	61.3271	62.6386	62.1407	57.3656
PYROXD2	5.38574	6.08443	4.68104	3.93332	7.05098	6.24619
ZNRD1-AS1	0.541478	0.147305	0.914396	0.234664	0.610155	0.571029
ANKDD1A	7.64092	9.09194	6.72415	6.39744	7.23899	5.87251
ILDR2	0.0349874	0.0206225	0.0617999	0.0438035	0.0519953	0.050873
PSG8	0	0.0809983	0.0569567	0	0.0479205	0
UCP3	1.18621	1.99162	1.99565	1.91579	2.04368	1.77497
UBE2R2	23.5131	22.7696	24.2212	24.1413	21.7777	22.907
ACAD8	76.5487	67.1737	63.5541	58.1005	57.7548	60.5933
LOC10050752	0.265755	0.117482	0.100589	0.249539	0.253891	0.0828035
LOC10050659	2.96E-10	0.100816	0.64739	1.13E-11	0.4585	0.294013
SIPA1L1	7.93357	5.77957	7.24791	6.20791	6.96385	7.10805
SRSF10	55.9869	57.1393	49.4977	44.2424	57.6944	47.2965
RASD1	19.4974	32.1356	29.1091	24.1277	24.6059	27.2997
NAPA	131.38	158.894	117.299	158.808	120.259	135.762
ANGPTL5	2.65678	1.51546	3.66557	0.925445	1.52837	1.14824
ZNF552	6.07291	4.35147	5.21829	5.17557	4.98605	5.27299
TMEM202	0	0	0.0645934	0	0	0
SOX14	0	0	0	0	0	0
CNTN4	0.54203	0.615569	0.534319	1.08092	0.744007	1.4145
NUFIP1	2.19949	1.47095	1.92118	1.90642	1.68823	1.35306
NUPR1	193.33	251.249	195.48	252.263	234.706	236.054
ELF3	16.3253	7.07043	8.44649	13.6527	13.2837	11.5893
PCGF5	10.3727	6.98733	8.31704	5.37756	8.15386	6.36399
KIF11	2.77019	3.06992	2.36995	2.69025	2.92447	3.01505
LOC401397	36.7291	33.5469	32.615	25.9542	29.37	30.1279
FAM171A1	7.87619	8.68817	7.34543	5.44818	7.53245	5.15428
SPDEF	19.6155	6.36388	6.82141	7.01663	3.56949	6.06042

C1orf52	7.88123	9.81468	9.47759	7.91083	11.5399	8.62135
VAMP4	11.3843	10.8574	10.947	9.60745	13.3204	9.76766
AQP6	0.983515	0.702339	0.257721	0.390714	0.361388	0.18858
DENND3	3.84682	5.4293	4.94249	3.67838	5.11366	3.04595
GPR148	0	0	0	0	0	0
SLC9A10	0.30693	0.18787	0.571933	0.243864	0.375934	0.367819
OR10A2	0	0.116976	0	0	0	0
NBN	16.2089	10.239	13.697	9.08474	11.6573	10.0485
PRR13	68.9787	78.7529	66.4458	57.3692	65.477	59.1573
GNG5	56.9088	67.4528	52.0269	70.1455	53.9343	55.9081
TP53RK	7.35768	6.14263	7.09469	6.93497	7.53121	7.35135
EGLN2	30.8664	45.9426	32.6043	38.9839	36.462	34.1194
LOC284788	0	0	0	0	0	0
GCDH	16.4759	19.6424	13.1242	11.5357	11.4807	16.9208
MIR183	0	0	0	0	0	0
ZNF815	0.63779	0.657339	1.82246	1.66218	1.03738	1.14723
FAM69B	6.49947	12.3218	9.9483	11.2451	12.3322	9.32973
CERCAM	11.4115	14.0789	22.7256	14.1119	19.1914	19.4744
FAM104A	15.6436	17.9027	17.7188	20.9739	17.5673	15.577
LOC1006528:	16.3128	15.3757	15.5991	21.1994	21.099	20.1613
MIR3152	0	0	0	0	0	0
RFC1	21.1427	16.2055	23.928	23.3425	21.7531	19.9345
SRP72	28.8571	23.8647	26.462	24.9192	22.4885	21.3749
NEMF	15.1418	12.8444	14.0732	11.1348	13.9016	14.0873
LOC730236	0.208195	0.276109	0.236407	0.195492	0.198901	0.194607
SOX8	5.43686	4.69179	5.05224	9.53771	2.67483	4.76757
PPP2R2B	1.78713	2.98588	2.03126	1.26097	3.70811	1.95674
ALDH3B2	190.062	181.129	174.712	214.142	211.928	261.086
FKBP2	100.789	138.606	102.401	149.966	105.562	129.83
DNAJC11	22.4193	20.8013	20.2043	19.5631	21.1723	21.4474
TSPAN11	7.42033	4.71447	4.42847	3.72684	4.79199	3.73149
HMGCLL1	0.373899	0.509211	0.466751	0.426667	0.187534	0.258027
IRX1	5.44645	7.54579	6.88582	7.59211	7.58146	8.4675
RAB33A	0.619691	0.273946	0.547295	0	1.05249	0.321804
KDM6A	6.30971	5.05016	11.363	8.40375	11.4215	10.461
NARS	68.6146	54.4639	58.7074	49.7006	53.9341	47.6121
F2RL3	0.25669	0.259371	0.249835	0.0344326	0.233554	0.18281
C19orf51	0.33067	1.12766	0.679437	1.46376	0.872509	0.70649
MIR3198-2	0	0	0	0	0	0
GNAL	4.11083	2.6619	4.59934	2.74419	2.78678	2.88496
MIR1251	0	0	0	0	0	0
SYT2	0.175861	0.133587	0.114378	0.270246	0.254775	0.210417
MIR4271	0	0	0	0	0	0

CTAGE15P	2.18731	1.81442	3.13521	3.26012	5.21349	5.1519
BEGAIN	1.83778	2.55267	1.39121	2.67582	2.6023	2.73354
LOC157381	1.67308	1.40648	1.51568	1.49373	1.57219	1.82881
TCEB3C	0	0	0	0.0173735	0.0117843	0
ERCC3	25.8406	33.723	27.1933	30.6888	31.9193	26.3541
CCDC67	0.0376424	0	0	0.106037	0.0239746	0.0703714
SPTY2D1	7.72931	5.17592	7.20868	5.44951	6.81823	6.09522
SLC25A42	7.49627	6.87941	8.16489	7.90018	9.32723	6.54384
C8orf77	0.152706	0.270025	0.369917	0.372809	0.466843	0.609022
PRKAB2	12.7209	10.8084	13.6131	10.2312	15.1772	14.7171
PRR5L	1.8738	2.45955	1.75894	1.96115	1.95464	1.97965
IFITM4P	0.717537	0	0.543179	0	0	0
LOC1001299:	3.04939	0.719012	3.48397	1.13797	2.9269	2.73064
MAGEC2	0	0	0	0	0	0
C11orf83	10.9622	18.0245	8.38394	16.2765	9.99041	11.8291
DNAJA4	50.0237	39.352	34.6123	36.6813	36.5547	37.4525
RBBP5	6.26046	5.11333	6.28691	5.47166	5.43026	5.70012
IPCEF1	0.461774	0.630623	0.476474	0.354931	0.605606	0.461894
EMR2	1.61704	1.33271	1.76836	1.54027	1.9849	1.89269
SMARCAD1	12.0544	10.8512	13.0377	10.9135	14.663	12.8979
MYL10	0	0	0	0.109065	0	0.072381
RBM4	81.1746	84.8071	61.094	80.2907	73.8078	79.3927
C1orf114	0.167631	0.395223	0.169197	0.367273	0.177942	0.348202
SAP30BP	25.3075	35.8642	26.4432	32.6119	33.2317	29.312
DKFZp686D0:	0	0	0	0	0	0.0131274
PLOD3	9.32585	13.5562	10.5497	9.84903	11.2973	9.05839
FBLN1	131.446	101.535	224.96	76.9641	138.851	107.816
LOC1005059:	0.11467	0.0506921	0.130209	0.269184	0.146068	0.214373
EEF1B2	216.463	284.571	256.61	314.594	253.662	242.099
PHB2	180.013	223.153	182.223	251.024	170.89	162.733
CYP2G1P	0.040183	0.0355273	0.0912563	0	0.0511856	0
LOC1005074:	0	0	0	0	0	0
ASB5	0.0655282	0.0289679	0.0744078	0.030765	0.0208676	0.0204172
ZYG11B	6.6342	5.18637	6.29087	5.21303	5.64122	4.4968
LOC1001331:	0	0	0	0	0.0786295	0
TIMMDC1	40.6799	39.8054	36.9134	37.2569	37.2684	36.5889
FOXL1	0.496212	0.4113	0.258249	0.436815	0.256783	0.154609
LOC1005056:	0	0	0	0	0	0
LOC1001291:	0.0847637	0.0749383	0.1925	1.03152	0	0.710157
SNORD26	0	0	0	0	0	0
LPIN1	68.122	54.1116	27.1267	23.2479	24.8417	34.252
LOC1005061:	1.31032	1.02978	1.68994	1.27594	2.25638	1.20968
TXNDC17	21.0529	18.4032	14.2451	16.233	14.1665	17.1385



SNAR-C4	0	0	0	0	0	0
GNPAT	88.9784	74.7548	53.0689	47.6916	40.046	46.8578
HSPBP1	20.4398	25.744	17.8557	28.3814	21.662	23.6977
SPZ1	0	0	0	0	0	0
QPCT	23.0005	26.9131	23.9819	27.2438	21.0063	25.4593
LOC284837	9.62058	9.51099	15.2987	14.9044	18.7979	22.7474
CDK5RAP1	20.8549	27.7767	22.0436	23.6396	22.2845	23.4977
PNLIPRP3	83.2411	66.6758	58.0111	59.6144	40.5015	56.9973
MIR4311	0	0	0	0	0	0
LOC10012959	0.386966	0	0	0.363355	0.985844	0.241141
ACAP2	14.7398	10.4866	14.5125	9.28092	12.7932	10.971
KLHL30	0.717924	1.26949	2.23428	1.17347	0.406444	0.530228
RPL32	263.979	404.77	314.343	505.462	325.168	302.703
RPL3L	0.491418	0	0.159431	0.329595	0.134137	0.131242
ZBTB12	2.05944	1.93942	1.48792	1.43225	2.57466	2.20486
MIR4695	0	0	0	0	0	0
YJEFN3	6.35084	13.932	6.47903	13.7536	11.61	13.25
GXYLT1	3.59793	2.3631	3.15165	2.44915	3.32279	2.79458
NCOA6	11.2258	9.7097	9.82423	8.32642	10.3224	9.54823
RNF157	3.01323	2.43983	2.3577	1.05613	1.58026	0.954812
FBXO24	0.647811	0.889641	0.202157	0.437494	0.297591	0.84363
LOC644135	0	0	0	0	0	0.084848
OR13H1	0	0	0	0	0	0
GTPBP2	23.2995	28.5979	21.6051	22.254	28.68	23.1102
SAMD8	5.98573	5.34189	6.44849	5.19831	5.72093	6.06111
PAGE4	0	0	0	0	0	0
RPL22L1	15.7276	16.1918	13.2377	16.2051	12.3363	12.1359
HRCT1	3.01128	6.32315	5.79386	5.53727	4.87466	3.51844
CHRNA6	0	0.152463	0.13054	0	0.146441	0
4-Sep	13.2958	18.9336	12.6916	13.0567	13.4886	11.6331
SLC25A39	99.9807	124.014	85.3568	119.192	111.052	124.789
LOC10050729	0.714855	1.53791	1.86147	2.80531	2.02008	1.83507
MAPK6	18.5687	13.9354	18.3067	14.7134	17.4833	17.0486
C7orf59	136.979	219.021	205.747	250.484	219.092	234.28
INSIG1	319.77	279.879	225.126	238.501	123.307	195.182
MIR4435-2	0	0	0	0	0	0
TRIM22	45.2017	39.8227	22.391	11.9491	25.5609	12.6146
E2F8	3.63587	3.77366	2.53298	2.17706	3.22185	3.11947
C1orf74	4.31765	3.45383	4.09858	4.95514	4.23403	3.63014
AFMID	42.3629	19.714	17.749	28.2606	21.7006	24.7208
H1FNT	0.170026	0.526143	0.193066	0.079826	0.162436	0.0529766
C7orf33	0	0	0.0613056	0	0	0
SNORA71B	41.3253	0	0	38.8038	26.3203	0

DHCR24	480.856	357.059	328.931	302.076	277.26	364.478
MMP23A	5.87274	10.0293	7.02135	3.13408	8.55701	7.52675
FAM169B	0	0	0	0.028101	0	0
ACAP1	6.35722	9.39147	5.20841	2.94688	12.0956	5.84203
CCIN	0.0533878	0.0472021	0.161659	0.150391	0	0.066538
CYP3A7	0.0990401	0.087565	0.488111	0.511484	0.536173	0.678893
CCDC132	9.63944	8.05128	8.40707	6.34869	9.11396	8.71418
STAG3L2	8.31758	6.08289	11.1718	8.84779	10.1116	8.59611
C9orf172	0.237792	0.540618	0.59146	0.414667	0.562531	0.52922
FNDC3B	8.61395	5.85741	7.86194	4.75269	5.25925	4.35934
ARID5A	10.7039	18.3948	10.3829	13.9667	17.4812	10.1353
OR2A1	0.65022	0.255504	0.843999	0.492457	0.409016	0.400187
FAM111B	2.26728	2.18676	1.24793	1.82435	1.83839	2.87959
MYOM3	0.710415	0.876424	0.925495	1.179	0.568214	0.916287
LRR3	1.0475	1.42481	1.46393	0.832261	1.12903	0.903814
TAS2R5	1.9729	2.2676	3.13633	1.57464	2.95289	1.96708
TMEM158	1.79567	2.18298	2.12396	2.37109	2.10865	2.06313
XAGE2B	1.68989	0	0.284279	0.352617	0.239178	1.05307
LOC10050630	0.703164	2.17593	2.39535	0	0.895698	0.657273
LOC10012940	0	0	0.278901	0	0	0
CFL2	12.9752	11.866	12.9561	7.89021	8.05052	7.0025
RAB17	5.37859	5.19335	3.37686	6.0215	4.90768	5.5751
LOC149134	0.711036	0.71846	0.538258	0.858409	1.03511	0.69628
BANF1	59.6715	64.2976	54.5255	69.6276	54.9439	58.1711
SPR	22.9869	19.2091	14.4823	14.2735	13.9321	15.8956
ALG9	4.752	5.3838	6.30083	6.29063	5.64411	5.3921
MIR1206	0	0	0	0	0	0
C4orf27	19.0738	19.8781	18.2057	14.7952	18.4864	16.0202
AGAP7	4.26052	7.5304	9.09781	10.7908	8.61282	7.40729
HRAS	70.3155	133.559	72.527	124.559	80.3226	88.3465
C17orf90	34.8207	52.3166	31.528	47.8688	45.3697	38.5757
DMTF1	27.2193	28.4543	29.7389	26.7654	39.624	33.788
KLHDC8A	0.282635	0.249888	0.366782	0.644518	0.154296	0.679344
FLJ32756	0	0.170518	0	0.362192	0	0.240369
KCNH2	0.295494	0.503108	0.502534	0.72007	0.911541	1.26149
BLCAP	73.7251	93.0241	72.3149	80.0961	70.6538	61.2707
ERVMER34-1	0.628865	0.4641	0.712666	0.28595	0.400528	0.60832
C9orf89	19.5733	28.2787	22.0235	29.866	28.1059	21.2897
KRTAP4-3	5.58138	1.23368	0.288078	74.2054	1.21187	499.895
ENTPD6	20.7359	26.1691	17.7342	23.2563	27.2127	23.9729
B3GALT5	0.349431	0.152058	0.58025	0.318598	0.294538	0.250812
SPATA24	1.19463	2.46451	2.11014	1.12174	2.66304	1.61296
GAP43	0.625608	0.823643	0.565967	0.99018	0.629232	0.389852

AURKA	2.96429	2.5779	1.98546	2.14363	1.94946	2.60242
OTOF	0.108369	0.217376	0.153779	0.12749	0.182258	0.153211
GPR157	4.42482	4.2599	5.806	4.70882	5.63639	5.75983
MRPL45P2	6.32678	4.46637	4.96678	5.94075	3.96315	3.1152
OSTC	60.5954	51.496	49.188	53.4863	47.306	54.6095
SDS	0.265462	0.176028	0.100478	0	0.253611	0.0827123
GDF2	0	0	0	0	0	0
HBD	0	0.29166	0	0.154877	0.328286	0.205568
LOC162632	1.11815	1.03286	18.1092	15.0899	14.8588	12.6506
C6orf62	108.37	102.879	100.315	86.9189	103.655	97.5917
MIR4634	0	0	0	0	0	0
LOC10050601	0	0	0	0	0	0
PPARGC1B	5.18976	4.28718	4.40397	4.26702	5.1968	3.87068
LCE3B	0	0	0	0	0	0
CTIF	12.5695	13.4012	17.1974	12.3303	11.0527	11.42
SP110	9.60635	7.5169	5.0516	4.57121	6.98593	5.7086
MIR4500	0	0	0	0	0	0
FRAT1	2.42394	2.04264	2.80975	2.7028	2.99116	2.54897
MIR4730	0	0	0	0	0	0
PRDM2	18.0464	15.266	17.8743	16.654	21.0009	17.152
CLCNKA	4.41384	4.63917	3.46523	4.96612	2.66062	2.25457
MIR1296	0	0	0	0	0	0
PRKCH	20.2699	13.4596	15.111	14.005	15.6063	15.2345
PNO1	10.7796	8.7904	7.76409	10.0727	7.73212	6.65217
KLK1	16.9315	23.5062	33.1553	46.3812	48.0367	51.6213
LRRC40	7.6717	7.49996	7.08671	5.52171	6.86644	4.9281
DFFA	10.0723	8.82543	7.81261	5.72883	6.62864	7.00724
MIR3940	0	0	0	0	0	0
LOC10013058	1.07707	0.928463	1.22297	1.2377	1.50659	1.10337
LOC10050678	2.70574	3.93012	3.2187	2.54065	1.96949	2.64959
LRRC16B	2.63025	2.51154	2.77163	2.98347	3.41745	3.34368
GOLGA6L10	5.05208	4.35253	6.24142	5.6848	7.40804	7.57188
CHTF18	6.54673	14.5273	8.62426	12.8671	12.2432	12.1189
GAPDHS	1.22959	2.36519	2.24312	2.58004	2.16496	2.20725
LOC10050644	0	0	0	0	0	0
KALRN	3.50387	3.06791	3.5361	3.48551	4.1617	6.4398
MIR3126	0	0	0	0	0	0
BPY2	8.53242	8.58588	0	0	0	0
FAM74A3	0.138653	0.0488995	0	0	0	0
LOC10065273	0.0496533	0.131701	0.375878	0.0932473	0.28462	0.278476
APC	4.24881	2.87077	4.229	2.5627	3.36111	3.29743
TERT	0.114886	0.154445	0.0869696	0.0239722	0.0162602	0.0944933
DCN	553.298	355.296	821.497	291.77	503.647	364.709

NPIPL3	38.7517	49.6727	34.278	46.0302	47.2084	43.9549
KCNJ12	1.93188	2.00086	2.66026	2.24591	3.22255	3.03833
IGJ	9.3479	6.62552	0.994206	2.39387	3.19828	2.45525
GBP2	59.3881	57.2712	36.0068	25.5891	45.0505	35.7761
TNFRSF10A	2.58423	2.17854	1.81979	1.74937	2.37317	1.68528
MIR548K	0	174.35	0	0	0	0
MIR1258	0	0	0	0	0	0
ZNF488	0.421819	0.870207	0.702502	1.32027	1.43285	0.806103
LAPTM4A	163.01	126.92	171.968	139.809	149.081	133.255
PTRHD1	30.4907	44.7952	35.2247	60.4595	42.7822	35.7626
PRR20A	0	0	0	0	0	0
10-Mar	0.297129	0.179581	0.131207	0.190721	0.0827919	0.108008
KU-MEL-3	0.695719	0.527238	0.150475	0.279973	0.379806	0.681282
KCNJ3	0.0689816	0.121978	0.0261097	0	0.0878695	0.0429864
TTC36	7.54972	8.78288	3.30879	3.17142	3.03692	1.48568
ZNF627	5.67717	4.06479	5.32592	4.67669	4.96898	3.97185
LOC10028909	0	0	0	0	0	0
THAP3	12.1207	25.6105	15.24	26.2707	18.9457	18.0992
FAHD1	19.4103	20.0149	19.5228	19.3269	15.149	18.5725
EIF3A	63.2298	46.5918	55.6462	41.7883	49.4618	46.1122
CPSF4L	0	0.946539	0	0	0	0
HSH2D	1.54337	1.44035	0.681529	0.281788	1.03759	0.507596
WDR55	17.07	22.4025	18.3054	16.9818	22.4705	16.4718
CSDE1	176.509	140.415	177.496	147.745	142.777	136.87
DLEU7	0.286739	0.0845054	0.144709	0.0897477	0.487001	0.0595611
C5orf51	8.95614	5.53966	8.20278	5.65836	8.21595	7.71706
FOXA1	8.50346	1.40791	0.94026	1.46534	0.973645	1.76633
C11orf48	35.7973	39.3812	26.9013	29.9418	23.7119	25.905
UBE2K	23.9573	18.9758	23.243	20.2391	21.7428	20.0389
STX19	4.59699	3.54551	4.73865	3.76546	5.23275	7.37495
LOC10050738	7.35533	5.08056	5.22002	5.39573	7.46616	5.72941
ECI2	56.529	41.2754	42.5554	41.0412	33.9446	31.3983
COG6	9.36747	7.27873	9.09925	5.40537	7.32936	7.16527
FOXB2	0	0	0	0	0	0
PXDNL	0.180842	0.230951	0.410695	0.207543	0.486313	0.388165
MIR4710	0	0	0	0	0	0
ADAM28	1.22266	0.950051	1.32527	0.705509	1.93706	0.967506
PTGER3	11.8269	11.2834	17.0973	8.22791	12.077	10.1596
HOTTIP	0	0	0	0	0	0
UPF1	25.1811	27.2728	25.8565	27.3095	28.96	28.7496
ADAM29	0.288592	0	0	0	0	0
LOC10065288	6.41958	6.89203	4.97536	6.67373	9.7836	8.33419
ST7-OT4	2.04E-26	3.25E-36	4.87E-21	0.0699792	3.29E-13	0.0930975

MAN1A1	10.8162	5.67931	10.0114	3.72542	6.43764	5.0772
MCTS1	8.30212	6.35428	7.56035	5.85572	8.06937	6.1865
ASPM	1.44258	1.56622	1.09305	1.17915	1.60404	1.47678
VOPP1	17.7832	16.3206	13.3084	11.3649	17.0755	10.6604
HSD17B7P2	8.78889	7.35784	4.47466	5.18518	10.2045	10.5658
LOC440297	1.03383	1.06527	2.24641	1.66188	2.09199	1.68018
PROK1	0	0.140975	0.844931	0.598883	0.152332	0.0993624
LOC401561	1.14112	1.76559	2.59151	1.60724	3.27054	1.24442
C12orf66	2.01156	1.8127	2.48913	1.99779	2.02031	1.15709
BCRP2	0.856424	0.922969	0.775739	1.10791	1.30066	1.28424
LOC10023315	0	0	0	0	0	0
FAM90A12	0.0156343	0	0.00986272	0	0.020745	0.11453
C1QL2	0.100606	0.266848	0.418875	0	0.256305	0.0940399
LOC151162	12.2096	9.60813	10.1753	12.0344	10.2943	13.4982
PRSS55	0	0.401483	0	0	0	0
NARF	30.3107	50.204	40.2505	43.5403	48.7692	43.2877
LOC10012999	0.283331	0.250503	0.12869	0.266043	0.397001	0.388431
CCDC144NL	0.0118696	0.0262359	0.013478	0	0.0833154	0.0221899
YIPF6	13.4142	9.45224	12.7797	9.38256	9.91247	9.51166
FAM198B	12.5337	8.1593	9.78696	8.46604	8.894	7.14632
IFI16	51.4162	50.2613	40.0508	27.4445	51.5469	31.3716
SNORD94	78.1578	103.653	0	73.3889	49.7791	97.4093
LOC10028787	0	0	0.0729766	0.0905197	0.0306994	0.0300367
AIP	23.6481	38.9324	27.2298	33.8608	40.7991	33.5947
ZNF716	0.0369451	0	0	0	0	0
FLJ45974	0	0	0	0	0	0
PHF2P1	0	0	0	0	0	0
SLC33A1	9.16006	6.53347	7.55576	6.62347	7.84753	7.61086
NEDD4	4.77586	4.7964	5.13957	3.59349	5.16279	4.03409
LOC10050727	0	0	0	0	0	0
TRIM67	0.0333239	0.0294629	0.0336351	0.0208604	0.0282989	0.0622981
PPM1D	2.81075	2.57448	2.69414	2.44938	3.55461	3.32667
ZNF586	3.68162	3.74992	2.89808	3.92478	3.78343	4.31469
PQBP1	71.3712	102.674	66.5244	90.2693	82.9759	77.5175
WBP4	11.1076	11.7078	11.1454	10.2663	12.5954	10.7492
IL4I1	1.51917	2.06533	0.79574	0.438937	1.82432	0.436837
DSCAML1	0.179465	0.329549	0.177658	0.129627	0.246189	0.0946295
CTCF	21.3672	18.3383	20.6419	21.4452	20.8302	20.1854
OR6C70	0	0	0	0	0	0
MIR128-1	0	0	0	0	0	0
TBCD	15.338	21.2409	16.9057	18.1208	20.713	18.5343
LRFN2	0.126001	0.167103	0.143075	0.236626	0.100313	0.215926
CADPS	0.386189	0.3738	0.430961	0.186926	0.537661	0.400439

MIRLET7A1	0	0	0	0	0	0
MUM1L1	0.746754	0.516166	0.353923	0.243215	0.268181	0.595976
GAGE1	0	0	0	0	0	0
MIR208A	0	0	0	0	0	0
ZBP1	1.62187	1.50303	0.308649	0.397813	0.792084	0.68294
UGT2B7	0.0551754	0	0	0	0.105424	0.412595
RNU11	0	0	0	0	0	0
CCDC144B	0.63843	0.461786	1.76531	1.12719	1.06604	0.492746
LOC10012551	1.96641	1.36008	1.09595	1.77466	0.889107	1.3266
FAM83F	11.3331	14.1511	10.5736	11.8552	11.1121	12.2352
C9orf131	0.139887	0.146583	0.117289	0.249401	0.260587	0.152897
UGT1A9	1.44E-08	1.12E-08	1.18E-08	9.98E-09	0.073322	8.76E-09
MIOX	0.226458	0.13348	0	0.07088	0	0.0940792
FAM75A6	0	0	0	0	0.0073476	0
SREBF1	80.3469	66.5638	52.253	55.2492	51.4395	54.758
CCDC158	0.270497	0.263072	0.143337	0.279391	0.120597	0.084281
OTX1	16.1749	14.4243	11.7684	17.1233	11.9706	12.7789
POM121	14.1675	13.6938	14.5701	14.3347	15.2222	13.456
OR2A7	2.64131	1.36358	3.65566	2.99697	6.31286	5.39655
CDK2	18.6027	22.4531	17.813	21.4697	23.4135	24.1509
OR6N1	0	0	0	0	0	0
ITGB2	12.3992	12.0421	9.13045	4.82603	17.2049	8.81499
LOC10065284	0.0996351	0.113784	0.685547	0.0935558	0.675345	0.362339
OSBPL11	7.57263	4.5926	6.91693	5.32804	5.4741	4.71894
KCNA2	0.815683	0.650904	1.09043	0.674752	1.29766	0.549701
KIAA0040	7.62796	7.23993	7.86759	7.12418	6.72315	6.09449
FERMT1	8.87933	9.13969	11.1226	9.6189	9.11991	7.21066
ARMCX1	9.58012	11.2653	12.9089	9.44536	13.6982	11.4026
C8orf44-SGK3	5.70E-42	0.000872032	0.797536	1.62054	3.21E-05	0.301881
LOC10050576	0	0	0	0	0.13025	0
MIR4707	0	0	0	0	0	0
FIG4	7.72592	6.15334	6.33192	7.25452	7.46236	7.14212
MTFMT	5.43146	5.35005	5.10507	4.65509	4.41122	4.33872
RAET1E	5.39483	3.68103	6.08775	3.28386	7.0493	5.19856
FBXW10	0.372039	0.278961	0.498524	0.403563	0.346317	0.23221
FLJ44635	83.9036	94.356	91.057	102.023	83.362	83.2327
RNF216	8.85715	9.52569	10.3373	9.30754	9.717	8.28379
DSCR3	19.4801	18.1367	17.2082	17.6067	17.4976	17.3661
TRIT1	15.8415	16.6881	13.924	16.4574	17.5111	13.5024
PCBD2	6.99514	7.69311	7.39413	6.96883	6.08521	4.83751
NR5A1	0	0.0566486	0	0	0.020404	0.0399271
LIPT2	1.81583	3.04571	2.87075	3.56327	2.52759	2.53227
GHRL	1.69345	0.64957	0.962078	0.571381	2.91723	1.09948

UBXN2A	9.43937	8.39421	10.0953	9.43026	9.61219	8.54973
MIR4704	0	0	0	0	0	0
MASP2	3.62449	2.58549	4.83296	4.06118	4.17096	3.69612
CCDC150	0.425437	0.681761	0.805145	0.724054	1.06692	0.646216
HHLA1	0	0	0	0	0	0
FLJ27354	0	0.852134	0.729604	0.301665	0.511543	0.500501
HOXC10	4.70523	3.22522	4.08216	6.20525	5.45483	6.39132
PLXNA4	2.53841	1.85696	3.09948	1.22111	1.839	1.64055
LOC10050631	0.545145	0.160661	0.641943	0.284379	0.154314	0.415203
CSTF2	6.96265	6.60857	6.5497	5.19179	6.554	6.98679
KIAA1456	3.22963	2.85309	2.18025	1.69712	2.32914	2.25977
DCUN1D5	2.81611	2.52894	3.37072	2.69274	2.70448	2.10861
RNASET2	45.4503	40.7358	33.7989	47.4469	28.38	30.2109
LUZP4	0	0	0	0	0	0
ZNF90	0.964916	1.33732	1.42141	1.3713	1.0797	1.07258
SHISA6	0.197415	0.22064	0.129759	0.100408	0.134029	0.179918
ANKRD20A4	0.228221	0.0713973	0.104511	0.0514255	0.148368	0.1548
RP9P	6.13791	10.7029	6.38901	8.16501	6.84133	7.70289
TXK	0.41021	0.302235	0.672817	0.641967	1.06683	1.08641
ARHGEF26-A	0.542772	0.342305	0.351701	0.54531	0.567428	0.337769
SH3D19	24.5931	24.0012	37.3319	24.4922	28.2677	22.2646
SLC16A5	6.51267	8.51817	9.28982	11.8263	12.6495	10.1628
LOC10050689	0.0683177	0.0302011	0.0517169	0.142834	0.121505	0.255436
CSNK2B	145.339	178.711	146.791	168.065	166.911	155.552
DAND5	0.0608112	0.107531	0	0.114201	0.232386	0.113685
TMEM106C	32.527	42.5071	36.178	49.1011	34.5168	36.854
TMEM126A	33.1825	28.9322	24.6563	26.4195	21.8158	20.8685
TBRG4	28.1358	35.8696	23.3063	29.7297	26.2981	24.2412
GNPTG	57.2639	72.9466	59.5386	66.9803	61.9687	62.7736
IFNA8	0	0	0	0	0.071286	0
KCNQ3	0.369883	0.264822	0.373239	0.182231	0.263593	0.225014
LOC10049917	33.5695	39.8329	33.0532	33.2719	41.2366	29.8016
BLK	0.0776933	0	0.0588143	0.182382	0.14845	0.0726228
GPR125	9.28	9.106	8.50396	9.19233	8.33148	9.36909
NHLRC2	3.83907	1.74336	3.92393	2.03385	2.74006	2.15032
FAM200A	4.01836	3.5169	3.41064	3.08715	4.26553	3.28818
MIR105-2	0	0	0	0	0	0
FARSA	30.1877	35.9021	30.6118	35.3793	31.8891	32.745
CCDC61	10.142	14.6916	9.84636	11.8906	13.6124	12.5687
DOK5	1.36839	1.4619	0.647425	0.374762	0.835222	0.248711
RN5S4	11.918	128.79	39.3458	334.99	9.48827	24.137
TMEM221	0.806885	0.808516	0.610816	0.808162	1.16486	1.1062
LOC286370	0	0	0.0278813	0.0691675	0.0234579	0.0918062

CIDECP	10.036	15.3894	14.0075	12.3685	11.2858	10.1628
CCL4L1	1.2457	0.749544	0.528256	0	0.528929	0
NAT8L	6.11771	11.6255	14.832	7.72052	6.48362	4.02579
GAPT	1.19875	1.18215	0.977263	0.779265	0.939679	1.00559
DNAJC28	2.31813	1.40334	1.35457	1.30073	1.01105	1.56656
C1QTNF3	2.59574	2.8233	4.66581	3.89895	4.75137	4.05636
GPSM1	11.227	15.9654	15.9512	21.4009	25.2358	26.6981
CKMT1A	55.5042	54.497	65.9204	74.6225	65.0668	75.8532
SNTG2	0.441139	0.877562	1.66972	1.29445	1.47506	1.03087
TBC1D26	0	0.197253	0.211112	0.163664	0.320825	0.069514
GPR110	0.171874	0.256432	0.115214	0.03026	0.0615754	0.0200821
TBC1D9	9.85553	4.96816	6.91737	6.60778	5.13981	5.03978
GTSF1	0	0.136555	0	0.145026	0.0983702	0
RPLP1	2854.9	5084.47	3658.77	6273.11	4000.92	4040.62
FJX1	4.92659	10.6915	5.7072	7.46466	5.63373	4.00036
SLC37A3	14.0694	11.9538	12.1633	10.2573	11.4354	9.86175
LOC401068	0.831605	0.632911	0.420852	0.669889	0.630292	0.462401
ZNF468	4.04204	3.13252	3.53203	2.71772	3.8058	3.39107
APOBEC3C	11.9335	12.8756	11.407	7.78677	15.9095	10.3354
KIAA0895L	10.9314	13.7932	12.3288	16.0872	18.6658	17.81
MIR4743	0	0	0	0	0	0
CLLU1	0	0.0396156	0.0339192	0.0420731	0.0285379	0.0279219
MMP2	73.929	62.9031	101.148	41.1898	69.3069	55.509
C19orf73	1.74286	1.84912	2.11097	3.92765	2.33108	3.14963
MIR4276	0	0	0	0	0	0
LOC151475	0	0.10222	0.175043	0.108561	0.073636	0.168109
DEFB104B	0	0	0	0	0	0
KAT2B	14.9745	11.2749	14.4577	10.602	12.5975	12.5626
MIR409	0	0	0	0	0	0
BCL2L14	0.556985	0.260311	0.18805	0	0.425455	0.183485
CCDC115	38.4747	42.1406	42.6621	46.0075	45.4735	37.6532
MED9	16.1807	17.2728	13.3972	17.9558	16.6294	15.7549
LOC92659	1.04334	0.776805	1.20551	1.59843	1.46892	1.74518
MIR4499	0	0	0	0	0	0
C4orf46	2.34149	2.46452	2.06794	2.2248	2.57429	2.01497
LOC10013117	0.0541713	0	0	0	0.103506	0.0337572
UNC5C	0.563348	0.346121	0.375861	0.466215	0.267579	0.279654
SPPL2A	21.689	16.1769	16.1074	13.8988	14.1085	12.0424
VAX1	0	0	0	0	0	0
TBPL2	0	0.150743	0	0	0	0
NSUN3	2.86967	3.05311	3.5655	2.71927	2.77291	3.50398
LOC10050609	5.78054	4.62353	4.26957	5.03294	4.96288	5.98073
SDHAF2	32.0621	33.302	27.9573	32.0899	24.5164	22.2316



ZNF837	2.33545	3.59872	3.45829	4.62253	3.28529	4.06102
GPR33	0.427977	0.37839	0	0	0.0681452	0
CYBA	50.869	86.6762	51.9343	71.9222	73.1144	64.9777
MIR3649	0	0	0	0	0	0
IGSF22	0.580472	0.329139	0.331914	0.802282	0.576199	0.652801
LOC10012826	0.399695	0.219881	0.649148	0.515605	0.76379	0.808735
MRPS22	37.177	33.3186	31.6803	34.241	32.4767	29.5603
SNORD79	0	0	0	0	0	0
TWISTNB	6.75004	5.70173	6.59149	5.5842	6.50464	5.0351
SYP	1.87181	1.8756	1.73186	1.44514	2.03993	1.73669
H3F3B	257.703	245.043	289.496	314.277	315.663	260.153
DEPDC1	0.68863	1.10823	0.783648	0.487316	1.2663	1.19851
MFI2	40.4295	21.3935	29.7977	43.1642	23.7472	28.3128
MIR4445	0	0	0	0	0	0
SNORD14C	0	0	0	0	0	0
LOC10050657	0	0	1.32E-05	0.000135794	0	0
LOC10050624	0.0528073	0.0466889	0.199877	0.198341	0.235433	0.0658145
MEPE	0	0	0	0	0	0
LOC643783	2.39901	2.9558	3.36355	3.12656	3.32238	3.35788
TCEANC2	2.30551	2.12244	2.50097	1.85239	3.13358	2.90301
SNORD20	0	0	0	0	0	0
DTYMK	16.027	25.7828	16.3469	24.1247	16.7197	19.9527
DDX5	273.147	239.573	240.758	199.252	240.306	222.005
MCOLN3	4.46834	7.36396	4.43792	3.96074	4.43962	3.36365
SHFM1	265.963	254.144	220.804	240.87	178.101	199.209
AAAS	23.7173	33.7504	22.6041	25.6756	32.1311	32.1848
SAT2	50.9602	78.6295	47.6303	62.0516	65.8035	57.6477
GGA1	30.6154	41.9738	33.8857	41.1524	42.9	42.2604
OR4P4	0	0	0	0	0	0
C17orf74	0	0.0568367	0	0	0.0409435	0
PSMD14	49.9381	39.2041	34.6997	25.7555	31.845	35.2328
IL5	0	0	0	0	0	0.0956067
DEFB121	0	0	0	0	0	0
PDRG1	17.7633	19.3674	16.2207	19.2225	18.7714	19.4582
GTF2F2	29.4824	27.0538	28.3488	22.79	35.9428	34.6102
XPO5	11.0209	10.758	9.68585	10.9205	9.94109	10.9995
GPR112	0	0	0.00718942	0	0.00604881	0.00591824
LINC00246B	0.25513	0.27294	0.115881	0.143738	0.390724	0.286176
PSG11	0	0	0	0.0653227	0	0
USP41	1.46247	1.29303	1.40233	0.918037	0.746578	0.609256
OR3A4P	0	0	0	0	0	0
HMGA1P4	0.471999	1.66925	0	0.443199	0.601237	0.588259
CCDC169	0.245194	1.38E-10	0.232934	3.89E-47	0.162777	0.209725

PCDHGB8P	0.104954	0.0927936	0.317803	0.049275	0.100269	0.327014
ITPRIPL2	10.9244	12.2109	12.109	9.78692	12.3722	10.4464
TYW1	8.32047	7.01611	6.43311	6.95086	7.71327	6.71645
AGPS	5.79649	4.3912	5.86001	3.00053	4.48067	3.62756
LOC10050658	0	0	0	0	0	0
RFC5	8.19196	7.7545	8.12142	7.73202	7.98938	7.93295
MIR139	0	0	0	0	0	0
LOC10050659	11.5556	18.9195	17.791	20.5805	19.1056	17.0098
LOC10013050	0	0	0	0	0	0.163106
DUSP2	7.27956	6.60258	15.8194	16.3814	12.3504	12.0056
LOC401093	1.10818	1.18225	1.283	0.889293	0.949764	0.786256
LOC10028882	1.71E-06	1.74205	0.15208	0.746418	1.21128	1.78615
SMC4	14.0595	11.9014	11.941	9.08896	12.1786	13.1297
SAA1	88.7415	85.3345	22.9745	23.2737	225.827	147.224
LOC440419	0	0	0	0	0	0.0200471
TNIP1	50.7109	52.6909	51.665	47.9857	51.1354	42.8
SASS6	1.75318	1.77149	1.97179	1.95193	2.37678	2.23184
BPY2B	8.53242	8.58588	0	0	0	0
TMEM105	0.0891163	0.157582	0.0674616	0.0557859	0.151357	0.0185112
KIR3DX1	0	0	0	0	0	0
LOC10050572	0.447603	1.06341	0.569158	0.914848	0.573412	0.417566
PRORS1P	0.808852	0.967537	1.4047	0.580794	0.727288	0.65229
RNU2-2	0	32.7157	0	34.7452	53.0266	115.293
KLF16	11.7746	14.8675	13.2002	16.6328	14.2288	11.9852
AGAP6	11.5246	15.8112	13.8543	16.4006	13.7627	12.513
MIS12	12.9898	12.6975	11.91	12.0079	12.2558	12.7454
MAPK3	33.5926	35.3377	42.9969	45.5606	37.7862	41.1987
ZNF687	7.88462	7.8951	9.02224	9.07612	9.19164	7.71786
MIR598	0	0	0	0	0	0
USP31	6.08241	6.00807	5.95043	5.74435	6.89009	5.08482
CHCHD10	143.511	177.846	144.951	196.479	128.869	116.985
PMF1	33.7547	47.962	40.2374	53.6399	45.7374	39.6743
GSTP1	384.895	483.034	327.636	467.934	401.297	541.346
DUSP13	1.47501	1.16114	1.08949	0.625972	1.34369	0.825733
RBMV2EP	0	0	0	0	0	0
BORA	2.5324	2.45033	2.30549	2.17199	3.55754	3.02658
LOC10013290	1.58015	0.894122	3.21812	2.62629	2.12001	2.88801
LOC10050590	0.0606912	0.482934	0.459436	0.227952	0.541164	0.189101
TKTL1	0.243919	0.0345041	0.132946	0.164905	0.374762	0.222355
LOC389765	2.20396	2.63302	2.11918	1.39804	2.54138	2.11557
H3F3A	163.412	176.957	167.275	182.161	178.721	177.613
TMEM37	10.1525	32.1924	32.5447	19.8899	19.1191	9.91948
YWHAZ	276.753	234.885	254.461	251.18	249.062	259.636

RHOA	217.806	181.648	205.894	173.577	165.225	164.114
SNORD116-4	0	0	0	0	0	0
PCNXL3	10.6205	14.3869	12.9011	13.6286	14.9443	13.5353
PPP4C	68.2496	82.2114	60.9337	84.9033	65.4926	73.1005
WNT9B	0.0738547	0.130595	0.33545	0	0.188154	0.138069
C8orf82	14.6274	23.4696	15.0392	26.6067	20.8404	18.7153
ATP13A3	13.4654	10.8959	11.1656	8.52664	8.70838	7.2674
HOXB9	0	0	0.0280944	0.034848	0	0
HOXB3	3.98569	5.96898	6.97845	5.24456	7.32187	4.89979
CDK2AP1	71.4923	66.2967	58.6592	73.3173	40.5818	42.498
TRAM2	6.00137	4.91255	6.82992	5.39458	8.34035	5.6139
MIR3913-2	0	0	0	0	0	0
GNG3	1.07287	0.948847	0.406151	0.503926	0.512617	0.250815
SQRDL	57.9962	51.8364	45.8685	41.616	45.0838	46.1623
SRP54	30.9463	22.9486	28.3629	24.3952	24.019	23.8205
MIR1252	0	0	0	0	0	0
MIR1973	0	0	0	0	0	0
LOC10050748	13.0757	13.4875	13.4517	19.0465	15.8018	19.5349
UBL5	132.324	170.786	152.983	182.257	142.398	147.933
RNF215	5.62061	9.79544	7.03684	7.66277	6.95307	7.88069
FSD1	0.0565273	0.199912	0.085583	0.212313	0.396028	0.140902
ANKRD18A	0.445227	0.625196	0.872337	0.762347	0.667218	0.505932
NOVA2	0.943623	0.98152	0.546251	0.938168	0.318176	0.933924
ATXN7L3B	42.474	33.8823	38.9624	33.0105	40.205	36.1365
C9orf156	10.1854	11.2851	9.71121	8.53491	11.2909	7.91381
LAMA3	10.1937	13.4008	13.87	14.5366	14.0016	11.4573
PCGF1	15.0478	22.1642	19.0757	15.8931	16.7264	14.7899
PTGR2	11.4981	9.72873	8.82074	8.93636	8.88405	7.95074
MCHR1	0.250705	0.147772	0.253047	0.431581	0.505639	1.35398
MIR383	0	0	0	0	0	0
ATF7IP2	2.70087	3.01508	2.95328	2.48484	2.2241	2.12509
CUBN	0.700845	0.64053	0.572272	0.532381	0.591819	0.471087
MIR4723	0	0	0	0	0	0
WBSCR17	3.10083	1.61268	1.77201	2.22654	1.37471	1.2882
TEAD2	13.1294	16.2949	10.0217	11.5462	12.6189	10.0778
HPGD	55.6638	19.5636	29.47	22.2597	31.9139	27.7417
GAR1	27.0382	31.4877	23.7087	26.5906	24.2471	22.7959
ZNF717	1.19655	0.514662	1.46886	0.880615	1.70956	1.30991
SHISA8	0.465089	0.959473	0.821509	1.81963	0.789915	1.54573
STAT4	2.10181	1.73013	2.52378	1.7694	3.02351	1.67107
CHGA	0.151404	0.267723	0.725886	0.473886	0.835726	0.0943485
TCEB3B	0	0.057629	0	0.030602	0	0
MIR181C	0	0	0	0	0	0

PPIC	34.6001	30.1918	36.7242	23.7517	23.5905	22.068
LOC10050693	8.43065	9.51799	7.26572	6.57657	10.5738	7.7592
TRIM60	0	0	0	0	0	0
GDEP	0	0	0	0	0.0313211	0
KPNA1	14.9088	12.1913	13.1499	11.7943	13.4294	11.7167
CSNK2A1P	20.0128	12.3322	19.7917	14.3627	16.1367	15.4525
LOC10050662	0.388561	0.343541	0.0980475	0.243235	0	0.322846
FLJ42289	0.386492	1.25327	0.499971	0.753553	1.01376	0.74363
BTLA	0.551343	0.205648	0.320141	0.161781	0.351154	0.184057
SLC38A10	23.832	29.4402	23.7706	25.2028	27.3488	26.5145
CNPPD1	48.1874	55.504	45.9076	48.4625	54.7125	64.8192
C7orf71	0.207781	0.0459267	0	0	0.0330842	0.0647401
WDFY1	16.4706	13.2064	15.0765	11.0075	13.5544	11.6515
SNAP29	14.0823	12.5179	13.6692	13.3158	11.5538	11.6075
ATXN3	6.01275	5.90447	6.17498	5.438	7.78866	6.56003
MAGEB5	0	0	0	0	0	0
DNPEP	35.443	42.6381	34.5069	39.8663	36.1164	29.2677
LOC10050606	0	0	0	0	0	0
ZNF283	1.60965	1.59671	1.24824	2.175	1.72533	1.5413
CAMKV	0.131196	0.0579977	0	0.0615955	0	0.020439
MAP3K1	11.7222	8.17274	13.5261	10.164	15.5601	13.3409
LGALS17A	0	0.445604	0	0	0.0642	0
MYL9	332.996	556.555	308.852	389.239	318.263	340.024
COL6A6	4.53824	4.98094	5.2886	1.12306	4.03663	2.36134
MIR3118-3	0	0	0	0	0	0
HSF1	35.3755	49.6421	37.1144	56.0223	45.9374	44.8772
LOC10065290	0.577384	0.340324	1.89403	0.542154	1.59354	0.719602
LOC284276	0.272952	0.482654	0.585441	0.299014	0.753326	0.42523
PRMT1	59.4329	70.9804	49.5428	68.6234	56.7327	56.7819
MIR198	0	0	0	0	0	0
CCNY	20.3477	20.0617	22.1434	20.2178	20.8452	17.7979
LOC10050698	10.1214	7.1819	10.7362	8.07713	10.9215	11.0473
MIR1468	0	0	0	0	0	0
TMEM110-M	7.02E-07	2.57E-07	2.96E-07	1.54E-07	1.87E-07	4.75E-07
CASP14L	0.227201	0.468712	0.0573308	0	0.0482352	0.047194
AZI1	4.71648	10.259	6.99911	9.16258	8.9233	7.70463
LOC653375	12.1904	10.5017	10.0563	10.4189	10.4516	10.5181
EIF4G3	13.3828	10.4963	11.9728	9.89453	13.2925	12.9723
PEBP4	3.12365	2.40151	3.08428	4.71839	2.94095	3.30063
YIPF1	16.5076	16.2826	15.0571	15.9604	14.7304	13.943
CPXM2	5.73216	5.34699	8.57903	8.14768	11.1367	10.88
PLEKHB1	10.3988	5.70682	6.04948	12.4661	8.33011	8.69387
KLF1	0	0	0.0498803	0	0.0839334	0.123182

COQ7	11.8063	9.39931	10.6477	9.47703	8.85702	7.59221
C1orf56	5.20022	4.90519	4.97013	6.52638	5.77607	5.73965
LOC10013399	2.26032	2.59616	3.43105	1.75037	2.8595	2.5746
ANAPC1	7.10289	5.55738	7.06486	6.05371	7.36735	6.1615
STK11IP	10.273	12.817	10.6853	13.6889	13.4156	14.1788
HIF1AN	14.4258	12.3402	14.4666	14.2442	16.919	14.8709
CA5B	2.85508	2.83763	4.11683	3.64428	4.38359	3.39303
ARGLU1	118.016	132.539	129.212	108.785	171.624	133.462
RAB41	0.538718	0.285781	0.489375	0.303509	0.686226	0.738554
LOC729040	0.221967	0.0981244	0	0	0.141372	0
STX5	29.2121	30.0115	27.421	36.7557	31.4058	30.5822
DHFRL1	3.42859	2.02972	2.83585	2.09373	2.25498	1.99252
ROMO1	105.243	157.233	111.74	136.926	94.8629	121.962
WFDC10B	4.30543	4.6823	2.56644	7.23337	3.37883	5.49999
RN5S2	40.8616	82.8334	36.0878	248.473	24.6695	24.9622
UNC80	0.0311112	0.123255	0.0845671	0.0984053	0.155085	0.182036
NUDT3	13.0407	12.0857	7.78291	9.37851	10.9676	10.2604
FCER2	0.880255	0.899973	1.00036	0.758995	1.6193	1.11029
PIM2	6.64326	7.90034	5.13523	3.86575	9.8925	5.30594
LOC730651	0.194942	0.301622	0.147572	0.0915236	0.186239	0.303699
TJP2	30.2741	26.8113	30.3642	23.9587	24.6931	25.4729
LOC10050641	0	0	0	0	0	0
FRY	5.22793	4.12502	5.66696	3.71264	5.87592	4.3474
LOC10012821	0.0412058	0.0364315	0.062386	0	0.0262442	0.0513554
FAM123A	0.035134	0.124254	0	0	0	0
CA10	0	0	0	0	0	0
TGM7	0.747922	0.311184	0.432962	0.330488	0.336251	0.575738
SREK1IP1	6.01626	6.14226	7.34516	6.07103	7.3037	7.01618
AGTPBP1	5.33333	5.91849	5.00101	4.65756	5.3818	4.43134
LOC10012821	0	0	0	0.0613889	0	0
ATP6V0B	136.394	150.51	113.168	151.279	116.209	130.936
MIR3689B	0	0	0	0	0	0
MYOM1	2.74883	2.68686	2.41814	0.973044	1.96852	1.43081
PPIAL4A	0.138101	0.560896	0.304228	0	0.287506	0.0860584
LOC10050641	1.14936	1.32887	1.20472	1.12074	0.985431	1.84568
KIAA0564	7.63991	4.69321	6.77006	5.24129	5.50038	5.24768
MTSS1	24.7465	20.7734	27.488	25.4771	28.5931	30.1344
ZC3H10	4.6467	3.80875	3.95728	5.49942	4.93252	3.83067
LOXHD1	0.212301	0.377941	0.128659	0.0361539	0.196665	0.135939
KCTD11	18.3164	17.113	22.0768	16.5279	25.3793	24.1434
OR2T8	0	0	0	0	0.20535	0.0198437
TMPRSS11F	2.52688	1.22657	2.96306	1.90746	2.84009	2.59353
LIPN	6.66873	2.57434	5.97259	3.79238	9.69114	7.74574

MIR655	0	0	0	0	0	0
SCARNA13	1.13E-15	6.73892	11.9186	11.9567	12.7282	11.0392
SCAF11	20.9274	16.27	20.8485	14.1451	20.0887	16.8272
INO80C	13.7441	22.0636	19.2561	25.017	18.8115	20.2835
SNAI1	2.59338	2.51127	1.68274	3.30483	3.22482	1.80847
LOC729059	0.312315	0	0.472848	0.293259	0.198915	0
LIM2	0	0	0	0	0	0
CD70	0.660582	0.700854	1.30017	0	0.589019	0.329317
KLRC4-KLRK1	1.96E-05	3.19E-05	2.18E-06	6.74E-07	0.948904	2.73E-07
SAC3D1	7.84646	13.754	7.54098	11.9805	9.64726	8.9288
GALNT13	0.745078	0.46412	0.397383	0.508812	0.280412	0.284912
TMED5	20.8945	13.6312	16.0476	11.3005	12.7352	12.3846
PHACTR3	1.56645	2.00792	0.434026	0.266428	0.876314	0.379296
OR2S2	0	0	0	0	0	0
ADAM6	0	0	0	0	0	0
EPHA8	0.253132	0.0170632	0.0425828	0.105639	0.143308	0.140215
AOC3	54.9829	63.5322	72.6513	37.8742	36.8231	26.5836
KRTAP12-4	0.396954	0	0	1.86367	0	13.3577
RTKN	26.994	33.06	24.0847	29.5464	27.5209	30.8797
C22orf36	10.2585	24.2926	8.65135	19.7722	17.3086	18.8977
WNT5A	5.25108	3.38045	3.8633	3.92914	3.87746	4.48912
ZNF821	5.79688	8.98919	6.26741	7.5334	8.37038	7.16945
MIR1269B	0	0	0	0	0	0
LOC10050575	3.95986	6.51736	4.70398	2.80299	4.3263	4.10004
SPINT2	191.185	177.393	174.045	212.956	177.014	197.063
LINC00251	0	0	0	0	0	0
CCDC42	0	0.0864756	0	0	0	0
MIR3682	0	0	0	0	0	0
LOC440704	0	0	0	0	0	0
LOC10050675	0.9724	0.729012	0.57962	1.81463	0.914491	0.913462
ABHD14B	65.1458	76.5996	57.1281	68.6943	53.9035	46.1171
MYH2	0.0491141	0.0434236	0.0535387	0.0295151	0.0613109	0.00979387
HAPLN3	10.006	16.1865	6.24281	5.78184	11.5319	6.33811
ALDOA	769.115	833.7	672.966	827.045	678.548	708.494
SNORD14D	0	0	0	0	0	0
PDHX	29.9372	20.2214	18.9873	17.8301	16.5391	16.0728
USP18	8.20304	7.25261	8.17179	6.15386	3.45479	4.03885
DAZAP2	136.524	121.816	117.455	121.404	123.293	99.4563
KIR2DL3	0	0.0147646	0	0	0.010636	0
OMP	0.332575	0	0	0	0	0
LOC10050575	42.764	41.9112	35.5793	49.4357	44.1953	34.3165
LOC157273	0.0571835	0.101116	0.194797	0.295319	1.40219	0.979945
LBX1	0	0	0	0	0	0.0537189

LOC10028814	0	0.0411337	0.105657	0	0	0
TCF4	12.7038	10.1493	12.3462	8.88106	12.9172	11.3469
FLJ37798	1.92054	2.66357	1.9955	2.40448	2.01469	1.3376
HOXC11	2.076	1.56686	1.57154	2.42478	1.54796	2.30337
FAM197Y2P	0	0	0	0	0	0
C6orf204	2.38951	1.31023	1.91977	1.02804	1.95444	1.15639
SLC30A7	6.27938	4.96383	5.39722	4.03567	5.76737	4.6089
DNA2	1.7306	1.65088	1.9134	1.58224	1.4358	1.5609
ZFPM1	2.13435	4.28631	2.70055	3.92234	3.12657	3.07808
LINC00307	0	0	0	0	0	0
PTH2R	1.10803	0.391859	0.223675	0.624252	0.188189	0.506349
ARPC4-TTLL3	11.8297	18.2432	10.5433	13.587	16.339	15.5202
MIR125B1	0	0	0	0	0	0
KIAA0240	6.45905	5.38695	6.69678	5.18477	6.37127	5.9143
GPX6	0	0	0	0	0	0
SERINC4	1.31156	2.48786	1.54191	2.38162	2.50828	2.68731
ZIC5	0	0.0186167	0	0	0.0536438	0.0262429
GGT8P	0.0477203	0.0808874	0.25846	0.238042	0.168602	0.278721
COX5B	508.623	622.716	484.835	576.925	437.66	478.497
CLDN5	20.4078	44.6455	30.4293	29.1822	30.2634	23.7346
LOC10050647	0	0.361431	0	0.383852	0	1.91058
KLF17	0.0316407	0.0279747	0	0	0	0
ST6GALNAC6	50.0812	67.1466	49.3332	45.0545	46.9976	37.6345
ZC3HAV1	10.0647	8.31523	7.86965	5.79395	8.71959	7.31434
TRIM24	8.57996	6.70175	7.69006	6.71787	8.44372	7.44887
CEP164	7.14235	10.806	9.12317	9.65168	10.3683	10.7853
TBC1D25	5.69454	7.57481	6.36911	8.55052	7.28645	7.00129
ZNF514	10.063	9.3883	11.2864	11.1011	15.7477	12.9456
MAGEA6	0	0	0	0	0	0
LOC10013027	1.45096	1.49245	1.31657	1.65377	1.76602	1.15154
LOC646096	0	0.125622	0	0	0	0
LOC650157	0	0.134974	0	0	0	0
TMEM35	1.19296	1.58211	0.903079	0.746782	1.07639	0.898279
GSTZ1	25.2944	33.3111	26.8687	38.5304	25.8946	33.7651
KRT76	0	0	0	0	0.0253938	0.0248456
PTCHD2	0.0369155	0.081596	0.0419179	0.0693262	0.0940468	0.0460084
STRC	0.731203	1.12365	1.67375	2.55018	1.64106	1.03065
C14orf183	0.364035	0	0.183718	0.113941	0.0772853	0.151234
TMEM59	157.01	110.217	134.701	123.352	116.967	128.234
SLCO5A1	0.235543	0.114751	0.142866	0.24921	0.136339	0.147045
FP6628	1.27967	1.47082	1.21089	1.41187	1.73193	1.39551
GGTLC2	1.89375	1.78338	1.14495	1.94933	1.8526	2.45098
ZNF582	1.32937	0.940276	0.905706	0.956997	1.21358	0.911248

S1PR2	3.77938	4.18897	4.79946	4.01166	5.26773	3.5754
SNAR-A9	0	0	0	0	0	0
MIR1294	0	0	0	0	0	0
TXNRD1	18.0101	12.4121	12.8755	13.4672	12.3464	15.9483
SLC6A19	0	0	0	0	0	0
SDHAP1	9.39776	10.004	8.77631	7.34615	10.7737	9.57285
LXN	10.0318	11.6751	12.631	11.0537	9.64916	10.3339
HIST1H3H	0	0.315657	0	0.670478	0.45478	0.222482
MCM4	16.0189	13.7893	14.0323	14.4368	16.6752	14.384
STK24	42.5494	38.8075	44.3974	48.1774	47.5107	45.6004
TMEM119	12.8409	9.12188	15.789	14.5665	16.3096	13.5755
ITM2A	36.1011	24.2235	52.6054	35.7675	30.4477	29.4102
SNORD114-6	0	0	0	0	0	0
LOC90246	0.434857	0.416512	0.329189	0.102081	0.161561	0.135492
LOC1005074	0	0.0432258	0	0.0918146	0	0.121866
ZDHHC8P1	1.06774	1.57338	1.01784	0.891191	1.83865	2.19325
MIR592	0	0	0	0	0	0
OR8G1	0	0	0	0	0	0
NIPAL4	28.4425	23.5196	23.4759	26.8638	31.2559	30.1328
LOC285593	0.176727	0.156251	0.548875	0.438338	0.585915	0.403805
LOC1001280	0	0	0	0	0	0
SUFU	6.90129	6.68264	8.4606	7.87847	7.8181	7.59037
LOC1005055	0	0.0320268	0.0274216	0	0	0
FABP9	56.5013	6.63118	3.02809	151.65	6.68767	133.359
AFAP1L2	8.67356	8.39419	7.97479	7.12614	9.38839	12.6175
RPL23	948.076	1254.87	1052.26	1365.14	1070.82	1042.47
SNORD49A	0	0	0	0	0	0
SNX30	4.50692	2.88093	4.62147	3.43477	4.46077	3.16639
FLT4	3.18192	3.64646	3.65704	2.18666	3.9889	3.19533
PRELID2	0.973264	1.20862	0.962789	0.828322	0.652948	0.837988
LOC440117	0	0	0	0	0	0
MIR549	0	0	0	0	0	0
SRI	21.5862	23.402	23.3441	20.5587	20.6225	18.576
PDZRN3	10.8262	10.9983	11.9481	18.5528	9.94823	44.777
LOC285889	0.0371573	0	0	0.0348901	0.0473314	0.0231549
PATE1	0	0	0	0	0	0
C12orf53	0.424712	0.751008	0.392956	1.01915	0.871616	0.67636
CACNA1C	0.774843	0.839232	0.860574	0.983809	1.16508	0.941905
FAM100A	16.4775	25.0521	14.397	24.871	19.8122	23.0312
MOGAT1	14.1329	11.0145	8.08343	6.48782	4.26728	4.69707
KLHL9	10.7064	8.76621	10.1352	7.51407	10.2355	8.32946
LOC1002891	1.01676	2.76345	5.33083	6.32944	4.31719	3.40267
MIR935	0	0	0	0	0	0



GOLGA8DP	0.00600251	0.00796056	0.026086	0.0140907	0.00229382	0
PTPLAD2	2.9186	3.12369	4.88393	2.88476	4.6961	3.11101
LCP1	31.7966	25.3515	22.9956	10.9054	30.4758	14.4908
ODF3L2	0.132826	0.35231	0.150825	0	0.169196	0.0413859
LOC729668	0.20469	0.180974	0.154952	0.448469	0.347649	0.170072
LOC441601	0	0	0	0	0	0
SFTPD	2.24551	1.75626	3.98814	6.73097	2.47531	2.31424
CD1B	4.13959	3.72902	3.07456	0.880077	5.91975	0.73008
MATN1	0.214682	0.119992	0.105123	0.0750741	0.0695535	0.0714335
SNORD90	0	0	0	0	0	0
UGT2A1	4.37151	2.20231	6.89312	4.43834	2.09567	2.5539
ANG	14.2079	19.7626	21.2152	19.1747	19.7692	16.9551
PRR3	3.67233	5.24187	4.94681	4.78311	4.64094	3.96883
LINC00242	0.41879	0.407294	0.242326	0.0786474	0.160038	0.142587
MIR940	0	0	0	0	0	0
RAB3C	0.348456	0.616165	0.175855	0.872519	0.739778	0.072381
LOC10050571	0.5319	0.313515	0.93952	0.83241	0.677541	0.55243
TBX15	8.21391	7.16274	10.4769	6.4713	9.65675	7.55514
NUFIP2	12.883	9.24845	11.6519	8.56292	11.3353	9.30058
C11orf95	8.13195	7.56976	8.44651	7.31291	8.081	6.37453
AMICA1	7.83827	7.67923	7.61733	3.8794	17.1685	5.90749
LOC10065293	16.5772	8.71424	10.0726	2.9528	10.7268	8.8415
ADAMTSL5	0.873038	1.14239	1.21605	1.44279	1.22329	2.04559
MIR30A	0	0	0	0	0	0
HLA-A	431.729	499.599	400.003	314.43	413.567	246.003
SNORD19B	0	0	0	0	0	0
HSF2	6.67616	8.6491	8.29966	9.05126	8.08894	6.88065
LINC00282	0.296294	0.115466	0.151384	0.103468	0.297241	0.184638
CCDC165	1.31884	1.31873	1.53321	1.62167	1.99994	2.98408
PYDC2	0	0	0	0	0	0
DNAJC19	21.2266	18.108	16.8268	12.7098	16.4874	14.8729
CCNYL1	7.68411	6.91252	6.86915	6.68672	5.59324	5.32235
LOC10028925	3.24336	3.43124	3.66933	3.12118	12.8652	5.53344
SNHG8	654.55	850.931	571.776	756.55	294.026	313.029
LOC399815	0.159162	0.223103	0.19328	0.144206	0.317488	0.0633668
LOC10050636	2.38465	0.780979	0.256768	1.30E-07	0.977576	0.000768613
LOC283922	2.72123	3.49249	3.78779	2.55536	3.91365	2.62569
SH3BP4	17.2728	9.49135	10.1371	15.0505	10.8474	10.3007
LOC10050598	0	0	0	0	0	0.117965
MAP6	5.22148	5.09704	4.38374	15.7648	4.15484	3.32458
CEP68	10.2975	9.39196	12.1318	9.96382	12.2737	9.85975
FOXE1	1.53492	1.73405	1.31256	2.32204	2.13623	3.57801
DKFZp686O1	0.0203461	0.14391	0.0462063	0.0955233	0.0647927	0.0760729

MOCS2	40.1016	31.4397	27.4354	21.3047	22.456	23.5475
FOXN3	16.8444	15.7778	21.9084	17.1013	21.8176	17.9559
C20orf103	0.51127	0.769977	0.703171	2.04558	0.868126	3.08356
FIGNL1	5.63086	5.61921	6.96354	5.15643	4.94291	4.63798
MRPL18	51.0733	58.4243	36.4639	43.525	33.8393	40.6507
MIR33A	0	0	0	0	0	0
KDM3B	16.4602	14.3553	18.4949	16.5852	20.5397	15.6256
RSPO1	3.29808	3.7984	4.05674	7.6923	4.47718	4.74399
MIR4738	0	0	0	0	0	0
MIR670	0	0	0	0	0	0
TRMT61A	8.96426	14.5034	10.0174	13.7712	12.681	11.5713
LOC10050591	0.668122	0.295356	0.126443	0	0.212765	0.104086
EDF1	448.812	608.952	444.394	615.966	512.401	562.612
TOMM34	18.2265	19.1538	12.1855	15.3982	13.8085	14.0119
LOC10028861	0.137429	0.0810039	0	0	0.497944	0.301523
ZBTB16	5.68444	5.68323	7.27902	4.1231	5.73882	4.73991
TWF1	30.3851	23.2039	27.0245	17.4493	21.8027	19.5645
ZNF497	1.53052	2.50569	2.44255	2.68747	3.01687	3.062
RPL12	187.471	311.538	268.936	390.579	248.171	249.139
LOC10013074	8.76333	7.57055	8.71001	6.2813	6.8595	7.50346
CNBD1	0	0	0	0	0	0
RBPJ	12.5002	17.6036	16.0195	17.7436	16.6621	12.1828
RWDD1	38.5553	48.6984	38.231	36.3862	30.1586	25.7042
ZBED1	6.77271	11.1957	12.7908	13.0092	12.58	10.8322
SDK2	1.17682	1.13365	0.910803	0.964826	0.822237	0.831853
FAM24B-CUZ	1.64E-14	0.195224	3.69E-12	1.90E-39	1.08E-16	2.97E-15
ZW10	10.4742	8.12979	9.36829	7.72527	9.29107	10.5338
HHLA3	4.42684	3.67839	3.58986	4.44405	4.92947	5.80658
C9orf167	1.26886	2.15903	1.57673	0.876721	2.19572	1.19351
CDR2L	4.25074	4.37232	5.82575	5.68706	3.83979	3.75691
MAGEB17	0	0	0.0608251	0	0.0511752	0
HAS2-AS1	0.766629	0.550875	0.774077	0.306007	0.624975	0.499202
AP4E1	4.49448	4.37741	4.29884	3.06805	4.34382	3.63655
LOC10050741	0.0734432	0.454537	0.389178	0.482734	0.374211	0.640734
DPPA5	0	0.366299	0	0	0	0
NDUFS5	304.177	325.244	249.124	290.338	238.256	274.727
CSGALNACT2	9.38707	8.74116	9.93256	6.19717	9.84723	7.27516
LOC10050581	0	0	0	0	0.0339049	0
LOC201651	0.171767	0	0.195043	0	0	0.0535189
TMEM48	7.48	6.1943	6.25359	6.40636	6.95008	6.05645
LOC645188	0	0	0	0	0	0
NDRG2	233.162	183.983	177.89	212.56	211.742	204.678
MIR502	0	0	0	0	0	0

RFC2	19.2352	22.4673	17.0454	20.0714	23.1319	20.1166
CCDC88A	4.66604	3.32554	4.17655	2.50007	4.29659	3.00906
LOC10050565	0.626185	0	1.23649	0.159093	0.107912	0.4224
NLRP5	0	0	0	0	0	0
C3AR1	2.12079	1.21879	2.24763	0.846339	1.72219	1.32158
ZNF673	7.04278	6.74922	4.95727	5.52215	6.94515	7.85236
MPO	0.0615097	0	0	0.086635	0.019588	0.0191651
DDOST	70.001	64.8782	66.0135	74.2067	69.9508	63.3266
FBXL7	3.4386	3.05896	3.18149	2.96969	2.9336	2.64542
SF3B4	30.717	34.498	29.6554	32.2045	30.5354	30.329
LOC10050668	2.46519	3.17975	3.15593	2.53174	2.53082	2.32213
REPS2	1.56284	1.1075	1.0566	1.03061	1.01812	0.966412
LOC10050563	2.14069	1.84142	1.71137	0.918595	1.67785	1.1738
KANK4	3.08621	2.77515	4.5	2.70032	2.44587	1.5626
LOC10065274	2.16738	3.63582	4.9591	5.89759	4.34506	3.13389
TMEM150C	4.79739	3.16897	5.1344	3.36556	5.12759	3.7455
GRIN3B	0.394857	0.563829	0.5977	0.798311	1.39244	0.964938
LOC10050699	0.469708	0.242995	0.358983	0.184741	0.32192	0.317923
H2BFXP	0.901063	2.52277	2.2737	2.11521	2.19992	1.21659
BZW1	112.108	84.418	70.7866	59.9386	55.582	67.5747
CCDC72	84.306	120.18	86.8743	97.6448	79.7146	82.3913
SLC25A20	35.9221	33.1705	23.2371	26.6536	18.9899	19.0257
LOC728228	0	0	0	0	0.125726	0
DNAH8	0.454215	0.497743	0.198557	0.114134	0.052969	0.0637854
LYNX1	63.3518	74.6301	87.1395	87.0024	91.4122	70.3844
ARRDC2	20.3825	26.2178	18.2594	19.4449	28.2482	21.1024
MIR515-1	0	0	0	0	0	0
DGCR6	41.086	51.6722	27.2583	43.6942	43.8092	47.2362
GPRASP2	3.64677	3.89102	4.37729	3.02181	5.67737	4.63571
HOXB13	0	0.0288961	0	0	0	0
PPP1R12C	37.8384	65.0417	44.6804	53.1613	53.2315	48.9909
SIRPB1	1.70555	1.00694	1.76977	0.801742	1.33334	1.5887
WIF1	1.18454	2.81965	0.413864	0.770031	2.37939	1.78861
LOC10050730	2.69188	2.08558	2.03777	2.84078	3.20417	3.34351
MIR3655	0	0	0	0	0	0
HAX1	67.2229	75.8015	56.6836	73.4335	54.1981	63.3166
METTL21CP1	0.175982	0.38898	0.432962	0.371799	0.420314	0.411241
SERPINI1	5.56714	4.7426	2.81502	2.31228	2.69318	2.30653
FN3K	10.1483	9.776	6.24906	11.0225	9.64704	10.5243
C2orf55	4.09066	4.33112	4.26268	5.78531	4.31011	5.27135
BTG2	46.8598	45.6329	60.5094	42.9602	73.4164	59.6913
LOC10061653	3.63201	0	0	0	0	0
FTLP10	0	0	0	0	0	0

ZFHX3	2.54114	1.68847	2.45181	1.64825	1.93668	1.51951
RGS9BP	2.20412	2.04009	1.85102	2.06963	0.833514	0.815522
MIR375	0	0	0	0	0	0
MLF1IP	5.58867	5.77495	9.63371	11.4793	9.85479	10.6103
FGF17	0.274512	0.647218	0.554153	0.687368	1.16559	1.53958
PCDH8	0.189968	0.282263	0.0898792	0.0247743	0.186716	0.198945
GRHL2	16.5741	13.9544	15.9444	14.6301	14.2232	15.9911
EHD1	22.3407	21.262	25.1849	23.1956	25.177	22.931
C5orf17	0	0	0	0	0	0.219091
PCGF3	21.7855	25.622	39.2881	36.478	41.6547	32.2993
KIAA0319	0.506399	0.318935	0.425553	0.338769	0.596363	0.475977
EBF1	8.20749	9.0465	11.9844	7.6382	7.60877	5.19412
C5orf22	9.04465	6.6279	7.79266	5.71286	6.43525	5.78857
DNAJC3-AS1	2.51783	2.2261	1.72324	1.23068	1.58165	1.99887
MYL4	1.03738	1.04033	0.785183	0.974082	0.774881	0.478852
LOC10050613	0	0	0.587678	0	0	0
SNORD88A	0	0	0	0	0	0
PTX4	0	0.0675689	0	0	0.0973492	0
TRAPPC3	56.6465	63.7919	50.8845	59.5598	51.9575	51.0556
SCN5A	0.19375	0.241348	0.249542	0.171319	0.491785	0.170108
NLRP8	0	0	0	0	0	0
ECHDC3	23.9758	27.6026	26.8365	29.7964	29.1932	30.0811
C19orf20	8.92558	17.4156	10.7175	16.184	10.5854	11.7634
MIR215	0	0	0	0	0	0
MIR320B2	0	0	0	0	23.5674	0
ZNF665	0.449927	0.371277	0.476836	0.16899	0.725954	0.467292
ZNF174	5.67451	5.48546	5.08193	6.20839	5.18294	4.60216
SSPO	0.221933	0.291677	0.444985	0.388622	0.53484	0.459752
SCUBE2	6.38546	5.12123	6.34358	7.42354	6.47207	5.86312
TARM1	0	0	0	0	0	0
ZNF391	1.73674	0.944934	0.859627	0.689943	0.978509	0.999013
C10orf26	24.6664	20.1325	30.7025	21.9637	28.4406	25.2788
NIPSNAP1	33.5722	28.9946	25.7391	31.6532	29.4171	29.8559
RNF10	44.2452	43.1542	38.9426	40.4642	39.8673	41.756
SLC35A2	33.0977	35.2237	27.3497	28.3362	30.1656	30.0707
SSBP1	104.747	110.133	84.9826	92.069	89.9573	92.2011
OR56B1	0	0	0	0	0.134113	0.0656092
H2BFM	0	0	0.0209466	0.0519641	0	0.017243
RARA	11.2718	14.7391	14.058	16.405	15.4913	11.5587
LOC10028716	0	0.847276	0.290178	0.179967	0.244141	0.358307
LINC00316	0	0	0.569164	0	0.478865	0
FANCA	5.33716	7.38303	3.72457	4.49353	5.28217	6.01818
GRM8	0.12416	0	0	0	0.0790782	0

ALDH7A1	8.41312	9.42862	8.18894	9.18137	8.43515	7.60204
EMP2	95.4847	96.9887	90.216	106.373	101.109	102.69
COL10A1	0.120019	0.15917	0.227139	0.225393	0.363095	0.33656
RNF113A	10.4856	14.0985	8.84113	13.1277	11.8364	10.9434
ADAMTS12	0.486656	0.464692	0.839954	0.36557	0.458731	0.570135
SLC9A3	1.99174	3.77203	4.2329	3.71529	5.26441	3.85749
BCL2L1	43.1783	41.8805	39.6883	47.7877	38.2786	47.8497
PDZK1IP1	99.2777	104.586	79.9858	110.053	130.93	121.277
SYPL1	114.706	85.3156	93.932	84.456	91.3444	89.2424
C9orf53	0	0	0	0	0	0
P2RY6	1.46372	0.945634	0.900424	0.716606	1.40283	0.576537
CDH8	0.0194786	0.0172217	0.0589815	0.0731602	0.024812	0.0121382
MAGEE2	0.0451802	0.0798909	0.102605	0.169694	0.0863265	0.197081
PRDM14	0	0	0	0	0	0
DAZL	0.0325428	0.153458	0.110862	0.162978	0.0932735	0.0202793
CRYBA2	0	0	0	0.184159	0	0
COL4A3BP	13.2534	10.7085	15.4143	8.60521	12.242	11.4963
LINC00461	0.239662	0.103784	0.268806	0.124001	0.116818	0.0731494
AGPHD1	4.78252	3.84353	4.67221	3.87286	4.33457	3.93044
SNAPC3	7.84885	5.29665	7.1057	4.57242	6.89655	6.88743
TYR	3.54062	8.24485	3.62403	9.22456	4.73241	11.2494
RCAN2	23.6684	13.3548	14.0681	16.2215	11.7793	10.6172
HSPB3	0.162044	0.429808	0.122668	1.36941	0.722448	0.807833
WBP2NL	0.26322	0.271509	0.564566	0.823864	0.754407	0.437406
ATXN2L	35.8606	47.3359	40.3705	42.9215	54.8406	47.087
LAMP3	10.2419	8.76815	4.6921	3.10403	9.38047	5.99604
CRYGN	0.181484	0.320914	0	0	0	0.113093
LOC10050766	2.37E-07	0.200445	2.24E-07	1.08E-07	1.61E-07	1.91E-07
STARD8	2.49394	1.85224	1.91526	1.43524	2.13475	1.46709
MIR3137	0	0	0	0	0	0
C17orf104	0.289181	0.292201	0.40655	0.21335	0.381518	0.257436
AP1S2	9.94858	9.03252	9.52363	9.00644	12.1611	11.5928
RFFL	6.30176	4.68625	6.57222	5.33957	6.68426	7.21105
CRLS1	14.6713	16.0551	14.335	12.3666	11.8384	11.7002
SPACA7	0	0	0	0	0	0
OR10A6	0.505315	0.111692	0.191263	0	0.241378	0
LRRFIP2	26.3293	27.8013	25.2745	28.7114	29.3313	26.6209
CANX	81.8036	41.2188	68.693	40.6265	44.8171	46.8674
OR5M10	0	0	0	0	0	0
TMCO7	2.88656	2.39261	2.18514	1.86342	2.27255	1.97366
PRR23A	0	0	0	0	0	0
PRR11	1.09111	1.29059	1.07153	1.46757	1.38047	1.34148
PIGK	6.92385	4.82703	5.43142	4.53722	4.86282	3.62379

MIR200B	0	0	0	0	0	0
ZSCAN20	0.645394	0.366825	0.540913	0.497797	0.55786	0.703818
MIR4514	0	0	0	0	0	0
SYS1	12.2913	11.0537	10.3322	9.65773	10.6344	9.85533
MIR1244-1	0	0	0	0	0	0
TSLP	1.30383	1.26408	2.03595	1.10609	1.25822	0.943264
LOC1005076:	0.362635	2.56495	1.37258	5.78865	0.230964	2.03381
DCHS1	3.27396	4.58187	4.62548	3.09064	5.19628	3.73126
ZNF845	2.52302	1.89212	2.01225	1.22682	2.12339	2.02141
SNORD109B	0	0	0	0	0	0
MIR1279	0	0	0	0	0	0
TFIP11	12.3499	12.7465	13.513	13.1105	14.4547	14.7666
ZNF735	0	0	0	0	0	0
LOC1002887:	0	0	0.151377	0	0	0
DBNDD1	5.54353	5.04349	5.55571	7.17068	5.0224	5.4455
TAC4	0.563316	0.724533	0.21041	0.25569	0.859171	0.343404
C4orf40	0.0201374	0	0	0	0.0256513	0
CDH19	1.64662	1.34584	1.43452	1.69186	2.07751	1.62613
POTEH	0	0	0	0	0	0
LOC1006529:	0	0.154093	0	0	0	0.108608
LOC1006529:	7.75E-09	1.53E-09	8.44E-09	1.63E-08	1.06E-09	2.27E-11
CLSTN2	1.75959	1.52076	2.58921	1.54084	1.28439	1.62627
MIR4423	0	0	0	0	0	0
KRTAP19-5	31.1083	19.2528	0	49.6574	0	3729.75
LSS	35.1033	43.8249	40.1661	42.6546	44.4544	40.5789
POGK	18.6462	15.4765	16.9768	17.6753	18.339	17.8166
LY75	8.27641	5.89583	6.42774	4.98509	7.60342	4.39274
TNKS2	22.4017	17.7192	23.9559	19.7193	21.843	18.1164
ZDHHC4	23.2043	25.3689	19.824	22.421	21.0614	18.0296
C1R	153.163	164.476	65.2477	62.9819	19.8203	79.7815
OR51F2	0	0	0	0	0	0
LOC727849	6.90111	13.192	12.2887	20.0192	12.1923	14.4105
LOC1005072(	0	0	0	0	0	0
C22orf25	14.3144	16.5439	12.025	14.2837	14.2993	12.8349
ZFP91	22.2052	18.7441	22.1211	19.1522	20.0515	16.6445
LACTB2	11.1004	10.119	7.82897	5.17289	7.463	6.57231
OR5K4	0	0	0	0	0	0
IFIT1B	0	0	0	0.0493031	0	0.03272
LRRC30	0	0	0	0	0	0
GZMM	1.88976	3.34161	1.71667	1.18297	2.88863	1.0206
CFB	12.5463	16.639	6.97843	3.34028	9.76924	5.36317
TMC4	7.53693	8.56358	10.3769	16.0985	15.9711	14.5467
TNS1	50.8653	47.5586	76.1034	42.5773	47.4906	32.4858

LOC10028696	0	0	0	0	0	0
USP13	3.22802	1.95552	2.9233	2.24523	2.20823	1.74335
LOC10028896	0.154109	0	0.102271	0.255632	0.662993	0.168123
NOTCH3	42.6248	47.7074	58.1415	55.9939	60.6472	62.3244
SEMG2	0	0	0	0	0	0
LMAN2	48.4367	53.2156	50.8327	54.1062	55.0134	54.4303
NDUFA5	44.2205	37.6067	39.4377	26.7972	37.138	33.1309
RASL10A	1.59156	2.2577	1.08624	1.70618	1.26265	1.89814
MLN	0	0	0	0	0	0
MIR4776-1	0	0	0	0	0	0
MEST	16.2109	19.191	27.2589	20.3983	10.5245	15.1667
GGNBP1	0	0	0	0	0.0749209	0
PAX2	0.0965297	0	0	0	0	0.0150367
TMEM128	18.5475	18.0652	15.7898	15.0746	17.2353	14.3622
RDM1	1.25657	0.246884	0.479727	0	0.529241	1.15877
DCDC2	0.0838792	0	0.104079	0.123066	0.13523	0.0522699
TMEM60	21.722	23.0463	20.3689	20.1334	19.0118	18.5141
LOC10065276	1.65054	2.89603	1.89476	0.769287	1.31602	1.30684
MIR153-2	0	0	0	0	0	0
SNORD115-4	0	0	0	0	0	0
LOC284551	0.109575	0.064586	0	0	0	0.0227608
FPR2	0.244487	0.21616	0.185078	0	0.034603	0.033856
DMXL2	2.77633	2.83066	1.58221	1.28822	2.74613	2.33773
ERN2	0.108357	0.311359	0.328109	0.152619	0.10352	0.101286
ELAC1	3.70311	3.59742	3.94535	3.56301	3.58147	3.27625
AASDHPPT	20.0447	14.0216	16.5195	12.2397	15.5648	15.3369
MYT1	0	0	0	0	0.0331398	0.0108081
LOC729121	0	0	0	0	0	0
TMEM54	85.6243	109.8	86.8931	146.22	103.231	123.681
LOC10050656	0.075829	0.402259	0.358769	0.427213	0.872345	0.665486
FBXL21	0.175272	0.154965	0	0	0	0
GPIHBP1	5.314	10.2652	8.62012	8.17649	7.67915	4.42455
EFHD2	36.1252	56.2922	38.0893	45.2411	57.6141	42.3626
LOC10028909	0.588304	1.55905	1.1127	5.7937	1.1225	1.46429
SMYD4	3.76332	4.35717	4.40894	3.57577	5.23604	4.15983
C17orf50	0.226044	0.0999271	0.0855584	0	0.431907	0.211292
FAM156A	26.5535	44.1753	32.3331	37.495	48.4407	39.7073
SASH3	4.72659	5.00158	3.71893	0.908607	7.18228	2.15688
MIR103B1	0	0	0	0	0	0
LOC10050740	0	0	0	0	0.332792	0
PRR5	17.1392	22.8272	28.3815	21.3958	20.3185	14.7747
CT47A9	0	0	0	0	0	0
HIST1H4D	0	0.533582	0	0	0	0.37608

MIR3176	0	0	0	0	0	0
LOC10065291	0	0	0	0	0	0
RNU1-1	48.9911	52.5215	19.355	64.9374	31.1737	27.9645
FAM197Y7	0	0	0	0	0	0
SNORD116-2	0	0	0	0	0	0
TIMM8A	8.79627	8.78208	6.73089	8.8655	6.70324	8.64689
ARHGEF6	9.50621	8.45319	15.5389	8.08668	11.9929	8.19791
LOC728554	12.4186	13.5602	7.23488	9.18904	9.07587	8.87996
KDM4C	7.13648	6.50088	8.51653	6.50664	9.69077	8.27157
DOK2	6.22918	7.13346	4.49098	2.22823	7.63253	2.80966
IFRD1	31.4367	26.9294	23.1186	22.7884	21.3569	30.224
C14orf39	0	0.0640285	0.30152	0	0.138373	0.0902572
UBTD1	16.3597	22.4256	28.5153	33.1112	25.3923	27.1144
MIR3154	0	0	0	0	0	0
ESYT3	5.14543	2.73727	6.2718	4.2173	6.0544	6.31772
CCDC57	9.12022	11.6994	8.09243	9.19695	8.956	7.48134
LOC728819	0.676059	1.02468	0.584892	0.816183	0.492098	0.361107
FHOD3	3.3574	4.07294	3.69414	6.06681	4.26426	7.22535
CUEDC2	35.9162	48.4635	37.7226	44.4955	38.6843	38.0836
CRK	19.6973	17.2398	18.6594	16.6961	15.6934	14.1477
GALNT7	11.387	3.90745	6.05962	4.12867	4.85411	5.57835
TTY5	0	0	0	0	0	0
MIRLET7F1	0	0	0	0	0	0
ABHD13	4.73415	4.15356	4.9706	3.72996	4.65566	3.88828
GAS2L2	0.0991371	0.292169	0.725457	0.620587	0.357799	0.185334
VWA1	15.1069	19.1571	10.405	13.8375	15.6112	13.1325
SNORD86	0	0	0	0	0	0
ANKRD34C	0	0.0156613	0	0	0	0
MAP1LC3C	0.537066	0.751212	0.500262	0.138509	0.493967	0.41181
RSPH10B	0.0319142	0.0282166	0.0120796	0.179802	0.182937	0.0596628
SLC2A11	3.95687	4.44676	4.58434	4.42049	4.07581	3.88691
RBM15	2.02043	2.06951	1.48226	2.28831	1.85455	1.42191
ERAS	0.0877621	0.155187	0	0.0824072	0.279481	0.0546896
IL17RA	5.80629	5.80442	6.50152	5.97863	7.12997	5.50959
COL1A2	123.049	81.9117	301.652	90.6181	153.044	155.651
CHST12	7.36869	7.90479	8.77628	9.64059	8.97958	9.398
OVCH2	1.86993	1.87371	1.03807	0.468222	1.23067	1.28179
LOC10050550	1.04E-08	4.04E-09	0.166572	0.181563	0.542965	0.288264
YWHAQ	161.249	137.256	131.409	144.394	132.928	186.125
LOC10028857	1.11607	1.39472	0.364887	0.988031	0.409329	0.243275
CLCA4	2.4932	2.39973	4.27862	2.42961	3.57969	2.92516
HIST1H3F	0	0	0	0	0	0
SLC38A3	0.329793	0.109343	0.686553	0.774177	0.210047	1.92669



ZNF286A	2.56897	2.22465	2.32469	2.08989	2.53963	2.61519
DEDD2	16.6078	20.4887	18.4197	20.9307	23.8377	31.3572
AP1M2	27.447	22.7801	24.5057	28.8929	25.3228	30.3653
IL1R2	25.6347	27.5853	22.7488	26.3725	20.4621	17.3319
ASCL4	0.180456	0.0398869	0.204909	0.508335	0.1724	0.477922
LOC10050624	4.29796	4.2222	5.96489	7.62301	6.6914	2.97589
DDX10	5.05007	4.35539	3.84639	3.81101	3.90706	3.35936
EVPLL	3.30248	2.82977	3.52313	4.50485	4.05765	5.58167
AMPD1	0.0423127	0.149655	0.0320309	0	0	0.140647
RSRC1	8.8413	5.17296	7.67717	5.86012	6.33496	5.87413
RIMS2	0.313065	0.146085	0.191686	0.266123	0.123986	0.481803
KSR2	0.120889	0.0777324	0.0457567	0.103193	0.0559961	0.0890295
BRSK1	1.46704	1.83281	1.4727	2.0064	2.49841	1.55016
SON	34.8884	28.4642	34.215	28.9165	33.3546	30.0322
MIR450B	0	0	0	0	0	0
MIR1302-11	0	0	7.00285	0	0	5.76466
MIR3139	0	0	0	0	0	0
INTS9	7.61074	7.3438	7.2533	7.41623	6.56308	6.66295
NPVF	0	0.167278	0	0	0	0
RAB11FIP2	5.88737	4.75869	7.18099	4.32768	5.6396	4.50479
NR2F1	0.989432	0.929468	2.48108	0.493564	1.29974	1.27168
UBE3A	24.0296	16.6334	21.7971	17.6449	19.2212	18.9505
LOC10013173	0.859123	0.887605	0.37434	0.119246	0.868868	0.22596
LOC399940	0.0656571	0	0	0	0	0.0409148
CCHCR1	13.5872	19.8934	14.3124	21.5081	19.9796	20.5638
PGAM1P5	0.0477272	0	0.0722595	0.0896302	0.0607954	0.148708
RNF214	7.16215	6.93365	8.39357	5.90696	7.86845	9.21047
LINC00486	0	0.284905	0	0	0	0
ZNF684	3.08827	2.64378	1.89254	2.43955	3.21579	2.2605
SS18L1	13.522	15.5137	14.2501	15.2563	17.4957	14.7693
SERPIND1	0.183963	0	0.174076	0.0863692	0.0585836	0.143298
COX6A2	0	0.361858	0	0.768611	0.782014	0.255045
MIR210HG	11.6207	16.9935	14.7173	22.2381	25.8059	22.0274
ZEB1	9.32246	7.0909	9.50151	5.08434	7.50856	5.3659
P2RY1	2.23091	2.16967	2.84685	1.1671	2.84176	1.82713
RAB38	61.274	52.5369	41.0564	42.2296	42.093	46.6326
CLTC	41.7661	28.1181	37.9952	28.2421	30.2355	31.4399
FSCN3	0.220175	0.291997	0.333347	0.361796	0.175288	0.102903
C4orf10	3.36356	3.66511	2.43011	3.55993	3.64806	3.67602
FKTN	4.34974	4.41653	5.1714	4.07221	5.8612	4.11007
DNAH11	0.0718613	0.0724638	0.124043	0.0205568	0.0876622	0.0772622
SERPINC1	0.599877	0.648235	0.100913	0	0.297162	0.207677
MIR4453	0	0	0	0	0	0

HSP90B1	143.831	104.941	109.874	85.3922	92.0168	104.542
MED8	44.938	42.902	40.9998	40.3457	42.2438	44.3193
LOC10065291	0.301653	0.266702	0.570882	0.708118	0.512332	0.250636
KRTAP6-2	0	0	0	0	0	3.70427
CENPQ	2.98762	2.37193	2.6309	1.71755	2.64067	3.15359
PDHA2	0	0	0	0	0	0
BOP1	16.2885	22.4524	13.0102	19.4295	15.2483	16.4377
OR10Z1	0	0	0	0	0	0
KIAA0020	18.4331	15.5252	13.2928	12.9921	11.5352	11.5727
C19orf35	0.246386	0.450286	0.207598	0.466298	0.42418	0.244131
LOC10065279	0	0	0	0	0	0
ME2	6.13043	5.30915	5.59108	4.81338	3.91783	4.18529
TGFBRAP1	4.31254	2.89672	5.61797	3.39029	4.53505	3.99972
ARHGAP20	1.59089	1.1471	1.64863	0.710654	0.70829	0.721876
MIR28	0	0	0	0	0	0
RAD18	3.00666	3.07182	3.51525	3.43491	3.07458	2.62308
ZNF404	3.15779	3.09105	3.67107	2.96512	4.27383	5.65743
LOC729458	0	0	0	0	0	0
RHBG	3.51536	4.2471	3.19183	4.40059	4.40233	6.17085
PCTP	50.986	48.7097	31.0572	31.8587	23.9562	27.6213
NBL1	81.8011	98.2883	89.0104	94.0862	108.976	82.6021
PCMTD1	34.9203	21.7824	28.2148	21.666	30.299	27.8832
CD247	2.95892	4.07048	3.1511	1.18741	4.60932	1.80836
KISS1R	0.261698	0	0.0495266	0.122865	0.416692	0.122309
CCDC79	0.124061	0.0731243	0	0	0	0
RBSG2	0	0	0	0.103218	0.0700122	0
IL24	8.37E-43	3.51E-79	5.38E-296	0.0932029	5.47E-66	0.125086
C19orf29	10.0072	13.645	10.8962	14.5269	14.3151	13.9296
MIR129-1	0	0	0	0	0	0
SNORD115-3b	0	0	0	0	0	0
SPRR2F	21.6918	13.83	2.32397	5.81448	2.52377	4.35604
PDCD2	26.9986	25.9082	26.8785	25.4284	26.382	23.2695
IMMP2L	6.43741	7.25516	7.28295	7.50596	6.26267	6.17157
LOC10024073	0	0	0.505344	0	0.425171	0.831986
SURF6	17.4685	22.0415	18.407	19.7409	22.1119	20.1303
GNL3L	3.98554	3.47971	3.43483	3.22376	3.41521	3.35719
TGOLN2	42.8558	29.8263	39.5391	29.7088	33.5696	27.7468
PPM1K	12.3022	10.0169	9.29296	8.54028	5.49145	6.76528
LOC154092	1.09237	0.515124	0.34665	0.561845	0.639923	0.182627
AMPD3	6.00461	5.11438	7.27583	6.46255	9.12623	7.92564
LAGE3	10.8328	18.2384	12.5189	21.48	12.331	14.5784
C22orf29	11.5804	11.7729	10.4776	14.8722	16.9624	15.8411
ZNF277	8.06169	8.48057	9.54966	7.14925	9.08052	8.34958

MFRP	2.91607	4.5394	3.62253	3.53384	4.00025	2.43842
NMNAT1	5.27831	4.39223	4.62249	3.25557	3.88912	4.78872
THRAP3	39.6469	34.4794	36.9861	30.2767	35.4243	34.2552
C16orf88	10.1028	5.40634	11.2303	10.435	6.67156	7.05771
ZNF876P	0.192773	0.238612	0.612906	0.724042	0.908557	0.792843
MIR136	0	0	0	0	0	0
SRC	12.1471	14.9027	13.0249	12.7699	15.4571	15.5591
ADCY2	2.22746	2.30405	1.82947	2.20091	2.16975	1.73281
ZBTB39	2.16011	2.30263	2.78334	1.97077	2.80036	2.30076
SPCS3	32.8976	26.3859	34.103	25.8672	27.0963	25.1727
MIR3125	0	0	0	0	0	0
C14orf56	0	0.0815491	0	0	0	0
C14orf102	3.85996	3.81266	4.29641	4.21007	4.53641	3.60742
PTCH1	3.36606	2.613	4.23689	3.14866	4.08233	3.24736
KCTD13	12.3698	18.1732	12.6251	19.8207	17.2854	15.8768
NKX2-8	0	0.256811	0	0	0.0369998	0.144805
WARS	63.2585	67.2683	32.2459	28.9554	27.7262	24.4974
MIR23A	0	0	0	0	0	0
HTATIP2	52.3103	46.811	34.6179	39.0204	31.7513	33.7712
FNBP1	13.9734	14.1865	14.3408	15.2162	20.4578	16.7642
C6orf170	2.42076	2.43892	3.18206	2.32591	3.13139	1.9529
CRB1	0.019259	0.0824024	0.0836192	0.0777903	0.0527645	0.0516256
BRCA1	2.59464	3.06549	2.26906	2.86769	3.14291	3.89173
MIR1324	0	0	0	0	0	0
LOC100505959	2.5305	2.33458	0.499723	0.929778	0.560588	0.377085
C7orf60	3.91153	2.45147	4.36661	3.09171	4.14686	4.04192
STAG3	0.794032	0.91951	0.645243	0.617401	0.839267	0.662849
PREPL	17.0687	11.7013	17.0099	11.9682	14.7652	14.0589
MIR23C	0	0	0	0	0	0
LOC10050756	0.958891	1.11551	2.06304	2.41682	2.28218	2.23291
MAML1	11.224	10.753	10.9949	10.9481	12.9209	11.3057
DDB2	31.184	50.8963	34.2693	42.1714	48.3938	33.6549
ARID3A	1.30894	1.72028	3.77603	2.49136	4.50632	4.78382
C20orf26	0.165871	0.188015	0.053798	0	0.0528287	0.101341
ZNF473	2.35152	2.7909	2.16505	2.28762	2.47189	2.74589
MIR522	0	0	0	0	0	0
PLEKHH3	15.6528	24.7558	20.8772	25.5917	23.7572	22.726
C18orf34	0.214637	0.189768	0.22849	0.283417	0.101261	0.0743053
IL13RA1	36.6783	29.4375	33.035	25.1618	30.3052	24.0242
PHRF1	13.6633	18.4021	15.0806	16.1595	18.3677	17.0288
CCDC135	0	0	0	0	0	0
DAPL1	85.9861	119.855	95.4116	137.634	95.1401	133.463
AGR2	23.7762	9.66136	24.5438	10.7117	11.4721	18.1088

CCL16	0.215863	0.890644	0.272349	0.337819	0.504109	0.358711
MIR196B	0	0	0	0	0	0
LOC10012996	3.08046	2.64573	3.06482	2.39665	2.24224	1.64538
CXorf1	0.206675	0.182729	0.312908	0.194064	0.184285	0.128791
CMAS	35.7275	27.4725	27.412	21.5703	27.0673	24.2981
OR6V1	0	0	0	0	0	0
CPLX3	1.43747	0.907802	0.932722	2.74774	1.04633	2.84728
MIR1246	0	0	0	0	0	0
COPS6	56.5191	65.2581	57.2584	68.3766	54.8207	54.5867
ZDHHC11B	1.74734	2.51044	3.85821	2.87168	2.61258	1.49719
YLPM1	8.829	7.12637	9.72561	7.72157	8.5412	7.8318
FGF14-IT1	0	0	0	0.0904724	0	0
MIR199A1	0	0	0	0	0	0
BPNT1	10.5158	9.91482	11.6609	10.9542	9.83707	9.36875
COPS7A	39.8462	42.0244	42.2775	44.2663	39.6618	39.127
LOC284749	0.027322	0	0	0	0.0522045	0.0510776
VSIG10L	27.7146	12.1928	16.7599	21.2647	15.4091	16.3564
KRTAP10-10	2.29273	0.368561	0	45.1117	0.862876	162.161
MIR4753	0	0	0	0	0	0
PAPL	10.8822	5.2264	8.9752	11.4481	14.2255	25.0601
ICAM4	0.376084	0.619117	0.496532	0.0882835	0.507672	0.421848
MON1A	6.05036	9.31604	6.63238	6.84187	6.19907	6.54038
ATP2B2	0.739579	0.445448	0.681422	0.815054	0.662017	0.621032
LTN1	7.75776	5.22533	7.50293	4.86011	6.67887	6.10007
OLFML3	49.1549	16.6289	43.2376	20.8567	32.1889	20.3849
C2orf40	33.3811	32.9519	23.675	25.7145	15.8939	15.8537
C9orf71	0.537304	0.395875	0.271161	0.50452	0.513317	0.390629
AASDH	6.91927	5.41077	6.2396	5.97939	6.09244	5.54865
SDCBP2	38.4578	47.4906	44.6755	51.122	53.6581	60.0197
LOC10019098	15.2118	7.76343	23.5612	11.9224	17.9328	12.3051
ANKRD19P	7.74703	11.6063	7.9121	11.3877	9.32518	7.61243
LOC10050613	0.0677293	0.059882	0.0512715	0.445177	0.258823	0.379854
ANXA7	68.3649	57.2202	63.5558	55.3191	52.8615	46.8474
TMEM218	8.69328	8.85191	10.4259	8.62143	8.52293	9.03895
LOC646938	0	0	0	0	0	0
APOL1	22.3239	22.8975	7.51512	5.21683	10.0867	4.56828
HIPK3	11.8073	6.37653	13.53	6.66594	9.32151	7.34966
LOC339788	0	0	0	0	0.0301328	0
CD300LG	12.2956	13.4008	10.919	9.36323	4.92396	2.84655
GART	18.1356	18.3289	18.8097	16.3339	16.0449	13.9486
LOC10050731	0.110452	0.195309	0.0836127	0	0.0703474	0.137658
LOC730183	2.53188	4.92477	3.44997	2.3774	3.22514	3.15552
MIR4771-2	0	0	0	0	0	0

ISY1-RAB43	9.03462	5.54098	7.13177	5.42276	7.61043	6.42153
C6orf195	0.0497336	0.0439713	0	0.093398	0.0633512	0.0619837
ATP2A3	60.5761	29.3672	39.597	53.5406	28.9442	22.0158
LOC10050711	2.38717	3.94613	3.6142	3.92426	4.00106	4.54105
MIR19B1	0	0	0	0	0	0
NLRP3	0.54467	0.338078	0.44483	0.148841	0.564776	0.333617
BEX4	34.3685	37.0239	34.3943	41.891	36.4285	42.1843
ZFP28	2.52593	2.78105	3.33723	2.57319	4.29513	3.40054
ABCC5	16.7913	17.124	18.3776	15.1043	22.5667	26.5961

nib before and during treatment compared to normal controls. Results are reported in fragme

Patient 10 TO	Patient 10 T24	Patient 11 TO	Patient 11 T24	Patient 12 TO	Patient 12 T24
74.2626	120.576	36.8387	48.9404	8.06793	8.12195
0	0	0.0259371	0	0.0445997	0
11.7261	10.4874	16.6995	17.8221	18.4911	22.7124
4.21236	3.57535	7.64474	4.21121	5.89996	4.9139
7.75641	7.49684	6.34324	4.24216	6.24987	7.20006
11.4918	15.304	12.8523	15.4162	8.92844	11.1751
0.0479124	0	0.120725	0.3821	0.103795	0.201403
12.6701	12.5793	12.3021	13.2746	9.79826	10.6771
181.011	203.384	192.498	189.81	180.946	204.904
3.64828	4.02578	3.243	3.44566	3.33898	5.2752
65.0906	67.5005	65.5118	70.5389	63.7047	73.9009
93.4059	79.0725	85.2353	75.7016	81.569	92.9998
18.1759	18.7047	17.5799	17.9356	19.5134	20.6651
0.351421	0.30818	0.327955	0.400368	0.63442	0.87539
0.943489	0.817558	1.1981	0.701277	1.85354	0.699687
0.218967	0.438673	0.260657	0.290763	0.341957	0.479239
2.34239	1.16347	2.01987	1.65093	1.79384	1.05853
0	0	0	0	0	0
34.7781	36.577	33.6126	38.3343	40.3714	48.5701
1.47168	2.0481	2.06245	1.96287	3.85838	3.39465
13.4689	16.1525	19.0306	17.1233	13.8372	13.0405
0	0	0	0	0	0
21.155	17.9862	32.6967	18.756	23.3094	14.1101
0	0.0411572	0	0	0.0715466	0
37.8033	40.3253	40.1378	37.4995	33.8135	38.8831
0	0	0	0	0	0
14.8592	14.7778	14.9932	14.8727	16.683	17.3932
0.147408	0.0803685	0.127677	0.178435	0.0997932	0.147164
1.44569	1.42099	3.56576	2.59816	2.77899	1.74608
0	0	0	0.0351103	0	0
22.7107	21.6613	24.1446	21.6352	23.6786	20.9522
7.61897	7.50245	6.57322	4.89492	9.64994	8.52112
59.3385	56.2042	50.6369	56.6394	48.1646	61.3248
0.0496993	0.0929028	0.0626139	0	0.0538333	0.0208914
2757.85	3054.2	2096.22	2537.34	1911.38	2570.32
26.2362	27.1739	23.4879	30.1664	35.4525	32.8906
9.60346	10.7174	12.117	12.7047	17.1715	15.6655
27.0239	26.7498	28.9414	26.515	30.0698	29.0537
78.838	81.4017	65.9364	76.2717	57.375	70.4437
0	0	0	0	0	0
31.9096	34.5375	31.5125	32.0089	24.0983	31.289

13.783	12.1519	13.2905	11.4598	24.3392	19.5548
0	0.0446927	0.135547	0.286009	0.116539	0.0301507
105.815	107.822	103.334	107.244	66.9387	82.2875
32.6222	31.4739	25.7791	29.1732	18.9344	21.8227
14.867	14.4631	17.3157	14.444	19.3033	17.9382
14.2995	13.6488	15.9211	12.0238	18.8309	10.9689
0	0	0	0	0	0
46.3658	48.9179	54.8818	57.9659	51.704	57.6081
12.125	9.20052	14.7978	10.1708	11.5779	8.74701
0.939926	1.12004	0.838427	1.01613	0.743145	0.53065
1.43013	0.201995	0.400124	0.543128	2.01456	1.60162
6.9967	7.43171	4.26264	3.91966	6.1292	5.42508
4.23143	4.41477	5.57893	4.14812	5.11635	5.04656
0.473668	0.473617	1.01393	0.399323	0.411662	0.296158
0	0	0	0	0	0
0.0928866	0.098445	0.167893	0.273851	0.136428	0.0386613
0	0	0	0	0.0476195	2.05E-07
29.3422	29.9264	30.358	34.5836	28.7531	29.4392
7.68195	8.5869	9.8541	8.64724	9.63211	9.708
32.1277	32.0202	36.5378	29.5422	40.404	37.0529
4.05908	5.90328	2.123	2.43953	1.77487	1.58885
9.84402	30.669	12.402	28.0378	7.99713	20.69
34.4146	34.432	34.7451	34.8073	35.957	36.2111
0.240088	0.149599	0.340285	0.15386	0.17879	0.151384
8.1845	8.52736	9.0404	6.57139	7.72403	5.82152
0	0	0	0	0	0
0	0	0	0	0	0
30.4703	29.5643	35.5543	29.3874	31.8321	29.0402
1.08145	0.74872	1.21108	1.50587	1.43496	0.711352
0	0	0	0	0	0
4.55775	6.2104	6.2104	6.86889	5.37688	5.69406
1.6696	2.17523	2.61338	2.248	4.00058	3.25393
4.81008	3.25803	5.93004	6.75171	7.17861	3.81366
10.6991	8.79388	9.58021	7.2239	14.9817	7.9955
3.18948	1.67082	2.84942	1.90923	2.99134	2.05697
0.319793	0.996314	0.879038	4.67011	0.472354	1.4787
0	0	0	0	0	0
0.809859	0.693214	0.848262	0.500421	0.887609	0.680859
7.48773	8.19325	3.91143	5.40968	8.20977	8.75162
1.66572	2.32772	0.895919	1.84194	2.59998	1.85581
130.152	126.826	119.089	115.584	149.553	159.338
0.127116	0.0792057	0.160147	0.0724103	0.0688445	0.106868
0.0222748	0.0555177	0	0	0	0

1.42909	1.70969	1.83645	1.80723	1.84207	2.10254
1.62633	1.31567	1.21949	1.95461	1.52368	1.51487
17.6694	18.8654	18.5303	18.3601	18.0925	18.9158
56.5528	55.0076	57.5778	50.0907	52.6329	54.9766
0	0	0	0	0	0
4.08847	4.08997	4.02967	4.11925	3.64533	3.55414
0	0	0	0	0	0
0.884342	1.1022	0.563193	1.02978	0.421056	0.539225
37.1876	27.8878	32.7904	22.054	45.8506	29.7408
39.5506	32.5436	36.9726	32.4653	32.2452	32.9078
0.807335	0.307443	0.917234	1.07016	1.11988	0.789851
0.0215903	0.0538117	0.0544014	0.122988	0.0233862	0.072605
0	0	0	0	301.382	467.836
55.0048	58.3147	55.1872	64.0481	42.1683	50.1043
0.0347541	0.108276	0.218926	0.237569	0.07529	0.131482
26.6387	6.37526	61.0145	51.9128	2.75553	2.00152
14.8724	16.2507	12.1246	13.5667	9.78659	12.897
0	0	0	0	0	0
24.9665	22.9035	31.5247	31.8637	42.7107	30.3864
0.0418004	0	0	0	0.090494	0.0351287
25.5062	24.1458	27.0458	25.0592	28.9402	24.9432
5.43622	4.95998	8.11261	4.60817	7.53575	3.12847
0.114329	0	0.0411595	0.241925	0.0884466	0.109837
1.14868	1.45665	0.82449	1.24711	0.781219	0.91452
1.49518	2.17748	2.9744	3.25663	1.76372	1.5527
161.49	139.555	170.721	141.58	116.118	142.653
3.83859	3.58865	4.35295	4.17566	6.76886	5.47343
61.8542	65.1381	46.7681	57.5575	43.8515	45.6366
14.6458	14.704	12.0951	11.1968	12.2966	13.9256
33.2555	35.3359	39.3878	46.4262	32.8519	41.1993
0	0	0	0.0284211	0	0
2.76899	2.45572	2.63244	1.52895	3.25692	1.71381
8.94759	9.25211	7.55557	7.78244	10.6645	8.93335
0	0	0	0	0.0411934	0
0.0967325	0.120616	0.0609613	0.220456	0.104824	0.121993
10.9759	18.4709	8.88613	13.2494	8.01258	10.0905
2.28096	2.35244	1.51942	0.95583	0.482779	0.837587
0.276066	0.137613	0.556484	0.125807	0.41864	0.0464183
17.2212	18.4319	19.598	17.2551	16.4908	15.5319
3.0026	2.76749	3.0364	2.47973	3.98142	2.46636
12.3471	12.9788	12.6468	11.994	11.4033	12.4796
0.0368205	0.140731	0	0	0	0
42.4114	43.7628	47.8297	42.8128	43.3576	42.9785



0.11006	1.09726	0.831961	0.62695	0.476861	0.185058
3.84151	4.38834	1.63565	3.2419	2.2539	2.8558
43.424	40.9309	32.3078	28.4368	31.2194	27.207
7.13568	8.15144	7.6466	7.0316	7.97354	5.86115
56.4831	55.2201	61.9374	66.6123	48.7185	57.4043
0	0	0	0	0	0
0	0	0	0	0.0582973	0
13.9477	13.5825	13.0284	12.4626	16.7697	17.1343
0.0163652	0	0	0	0	0.0275168
0	0	0	0	0	0
0.799511	0.530382	0.0986018	0.452374	0.126924	0.499024
0	0	0	0	0	0
8.71446	8.57126	9.26281	9.02258	7.93075	7.45174
1.8339	1.54425	1.90531	1.60391	6.84972	3.60473
17.4568	16.18	19.038	18.2678	16.9043	17.0154
27.5227	28.4635	26.8139	25.7595	28.7708	29.6435
13.8026	15.1484	16.3721	15.3733	18.5082	18.918
0.822721	1.44745	1.46331	1.76435	1.04842	1.38334
30.1965	29.1847	32.6949	29.6643	29.3504	25.421
14.0847	13.962	14.6129	13.4972	15.4626	14.0185
19.5709	18.6431	18.9042	17.9299	19.0496	17.0885
2.17186	3.5377	2.79941	2.95378	1.39038	1.93017
0	0	0	0	0	0
12.602	12.0702	13.7105	10.9397	15.1339	11.7152
1.96851	3.07264	2.60529	2.53719	1.74457	1.57137
0.0057964	0	0	0	0	0
0	0	0	0	0	0
25.6956	22.2425	27.486	23.0526	31.8621	27.0616
0.102852	0.0427247	0.172771	0.0390592	0.111407	0.028823
0	0	0	0	0	0
9.02845	9.40121	9.76212	9.0737	8.5811	8.63124
14.4088	14.5561	14.3539	12.9573	15.2695	14.9507
1.43725	0.578943	1.46322	0.82699	1.21085	1.31816
10.67	12.1007	13.6287	12.5347	11.6375	13.0366
0	0	0	0	0	0
0.262908	0.561255	0.470576	0.371579	0.517274	0.273306
5.36063	4.08561	6.75362	7.34806	7.61767	7.39002
1.7796	2.50749	3.41749	2.84071	2.67373	2.62332
30.4516	37.256	42.2556	45.0728	34.0216	37.5188
0.848002	0.746733	0.605835	0.866246	1.66342	0.9059
267.717	230.893	93.5981	82.4398	89.2275	102.873
0	0	0	0	0	0
0.118675	0.591573	0.448541	0.27041	0.514187	0.399088

10.3355	14.2827	12.5576	12.6628	11.1952	10.982
30.8588	32.3255	34.1822	32.4394	32.9413	30.3299
31.8766	22.637	27.0788	22.7794	41.5484	39.8836
4.49256	5.41994	4.45572	4.51934	3.77911	3.37514
11.9096	13.4528	11.815	15.8722	10.434	11.311
1.47878	2.07687	1.95177	1.65801	1.52551	1.48004
3.61484	3.98525	4.54261	3.64039	3.45359	3.54412
0.695779	1.73416	0.681785	0.572498	1.29796	0.454961
5.35136	5.66494	4.85709	3.99892	7.87408	7.44182
0	0	0	0	0	0
0	0	0	0	0	0
24.2702	24.5819	24.5729	23.0482	23.0413	22.7923
7.38485	7.05	7.36199	7.23632	8.31101	6.83509
0.107564	0.0335115	0.135515	0.153182	0.0873834	0.0226076
1.41429	1.1766	2.03634	1.15091	2.48081	1.58534
0	0	0	0	0	0
4.5383	5.0119	4.55549	4.24562	4.83587	5.64556
1.17E-09	0.143418	2.09E-10	8.53E-10	4.52E-09	0
0	0	0	0	0.179599	0
0	0	0	0	0	0
2.2878	2.32183	3.60311	3.29552	4.76172	4.69874
10.7517	10.5831	11.6184	10.7969	11.1413	9.29776
0	0	0	0	0	0
0.0491378	0.306256	0.0619387	0.0560373	0.106505	0.0826235
0.0697945	0.0869778	0	0	0.0756	0.0586771
31.8673	28.0629	25.431	26.9056	21.31	24.1424
3.84764	8.05882	1.57193	2.71615	1.24855	1.70984
1.85034	0.913656	2.26518	1.63076	4.31103	2.42146
0	0.0448528	0	0.0410047	0	0.0302587
5.99661	5.65236	7.47638	5.09001	8.58694	5.48415
22.9162	26.1797	27.0681	27.2021	23.0361	22.5253
8.19577	8.31396	8.62589	8.3425	9.19611	6.57963
0.733197	0.152285	0	0.27844	0.264728	0.205469
25.6626	25.5413	27.3274	32.1754	28.1413	34.1106
0.522212	0.336146	0.65791	0.65741	0.499163	1.01733
147.98	148.525	134.392	112.191	133.318	120.635
0	0	0	0	0	0
1.10169	6.97475	4.54166	4.73971	10.6006	10.8788
16.0697	15.7781	14.7249	14.9163	18.2358	17.1198
56.6597	55.1202	55.7985	55.7877	55.1314	53.813
0.230278	0.353196	0.513283	0.484341	0.537238	0.521223
0.342285	0.365619	0.462031	0.417814	0.6091	0.678299
3.62519	3.43601	4.51896	3.24302	5.44794	3.83116

1.20516	1.21754	1.56913	2.72734	3.30379	3.1608
0	0	0	0	0	0
25.5167	25.3561	26.3247	23.2706	27.0596	23.6525
50.9337	62.9105	67.0545	83.2773	54.8377	66.083
5.79387	8.96822	6.13692	6.23247	7.49073	6.62418
17.3613	15.8126	16.7208	14.7232	16.4018	11.6332
6.2568	7.04905	6.5236	5.52501	6.51282	5.14976
0.0972882	0.0603594	0.152219	0.105127	0.174912	0.120868
0	0	0	0	0	0.095635
0.0837827	0.042285	0.0775818	0.0343613	0.0588067	0.00633873
29.4052	22.581	25.8322	19.1951	18.2498	17.9065
0	0	0	0	0	0
0.660201	0.524414	1.93365	1.45713	0.616689	0.416212
0.0569599	0	0.0751207	0.0648934	0.0616978	0
0	0	0	0	0	0
77.1937	74.1188	64.2715	68.7419	64.0642	78.8177
0.759574	0.641484	0.870394	0.513761	0.778561	0.547053
0.153251	0.0687534	0.517439	0.174597	0.0398397	0.0463825
2.09576	1.59425	2.75714	1.5277	3.45527	1.99533
47.5823	48.8461	63.7828	56.7526	56.7529	55.9044
20.9255	15.2118	1.28154	1.15889	6.45354	9.28484
20.4759	18.7686	18.1546	17.741	28.2139	28.204
7.85204	9.12847	6.85012	6.46275	7.30552	6.86384
6.0568	6.35377	6.28625	5.61022	6.21672	4.90467
2.26655	2.19689	2.16327	1.4085	3.02545	1.6553
6.57156	5.48246	8.24476	6.32825	8.39334	7.03507
33.2185	31.6374	29.2737	30.2958	25.5414	29.8083
5.84075	6.84855	7.20193	7.1734	7.77736	5.68816
3.4534	5.93778	4.05554	2.78899	2.99398	4.72773
16.0888	18.2135	20.8347	18.2916	16.6666	18.5014
35.7439	32.935	38.2773	29.9022	50.3237	44.7985
0.737759	1.21009	0.602115	0.988151	0.613545	0.459758
0.145889	0.151505	0.39823	0.886446	0.316048	0.367951
0.0431957	0.0788869	0.0655411	0.0798417	0.046043	0.052458
0.0269539	0	0	0	0.0497068	0
10.4929	9.54515	12.2286	7.049	13.5105	10.04
4.72778	4.66064	4.88992	3.69804	7.41403	6.40698
24.1382	23.4862	20.4745	16.998	20.9316	20.4655
20.2699	21.9258	24.2082	25.6796	22.4306	22.0602
23.4383	20.6405	26.1413	20.0166	31.5187	24.8246
3.34796	3.56473	4.58659	3.1477	5.5981	2.67804
0.267445	0.179464	0.388779	0.328133	0.579382	0.36321
9.82238	10.4072	9.1039	10.5989	8.20218	8.91259

21.0008	18.2855	21.1432	22.7243	21.7046	19.159
1.85183	1.48109	1.60179	2.17274	2.63457	2.23072
78.9616	78.8388	71.6096	67.1851	61.087	65.4995
0.000223257	1.09901	1.42222	0.924412	1.27349	8.41E-06
1.20232	1.69166	1.75906	2.20933	3.15079	3.91279
1.48909	1.63738	1.76568	3.0936	1.61295	1.76738
0	0.0441848	0.357351	0	0.0768096	0.059616
0.0464447	0	0	0	0.573151	0.429513
19.5436	19.2959	20.5785	17.1121	20.9617	18.9515
0.493607	0.136696	0.898261	0.874779	2.01985	1.19883
0	0	0	0	0	0
0.312097	0.0729431	0.171975	0.311042	0.190176	0.114716
0.219701	37.7832	0.553583	468.315	1.07089	17.547
0	0	0	0	0	0
0.406824	0.253492	0.128135	0.231744	0.110166	0.171011
0.700347	0.810731	0.778163	0.598246	0.717031	0.55741
29.8575	30.2361	24.7722	26.0154	28.79	35.1585
579.933	514.524	260.91	270.307	195.925	255.582
18.6149	19.8721	11.9139	13.8278	14.2839	17.4409
6.86438	7.37775	5.89936	6.13428	7.96052	7.00453
19.5019	20.9876	21.5122	20.6193	19.0655	17.3788
10.6822	15.2236	13.8978	16.2894	14.7383	16.7051
1.14088	0.980526	1.28865	0.986043	1.74713	1.19067
2.56063	1.0775	4.73429	2.95517	6.51982	4.1098
1.75981	1.76755	1.52219	1.34659	1.16647	1.45741
0.203244	0	0	0	0	0.341739
5.19658	5.07576	5.43471	5.80608	6.21561	5.12789
4.20861	4.10181	3.36924	2.64642	2.96175	2.52216
0.635372	0.735242	0.514591	0.361934	0.835698	0.534165
0.578272	0.489848	0.571788	0.224554	0.292448	0.219301
10.2841	11.4089	9.52045	8.72807	12.1368	10.8805
5.21695	3.44475	9.3357	3.25271	8.85588	4.015
535.972	607.588	587.186	586.376	553.711	600.126
0	0	0	0	0	0
0.428258	0.530644	0.990857	0.502971	0.625258	0.442389
31.0785	28.2601	24.9855	22.8824	20.7035	23.5128
13.0863	14.1637	14.6818	15.6918	15.1512	12.8834
0.139883	0.0435805	0.044058	0	0.0378796	0.0294003
36.7339	38.0025	39.9182	36.1507	38.7608	32.2846
0.863543	0.511953	0.457225	0.349802	1.18132	0.832566
31.6471	30.9945	29.0243	31.6957	29.3577	33.8105
2.89792	2.0314	2.60131	2.47616	2.35423	1.94905
0.18339	0.15236	0.46209	0.417867	0.198645	0.154178

31.257	34.8223	32.3475	40.9322	33.1763	29.1284
0.210729	1.15985	0.5193	2.03281	1.01266	1.3516
0.320334	0.309435	0.234617	0	0.0252129	0.0391396
0.235836	0.764135	0.297119	0.698577	0.204362	0.0793079
1.76151	1.90127	2.37577	2.88163	2.46278	2.04841
45.2123	51.1877	60.2884	62.4618	63.7746	63.1241
18.8158	16.8379	24.6412	19.9405	29.0086	19.944
34.2576	24.9195	25.2968	20.9375	23.3587	27.7417
14.5014	16.0138	13.4688	12.6381	14.8133	16.0892
0.890809	0.910946	1.12229	0.884817	1.17514	0.777709
1.32871	1.29192	1.59372	0.565165	0.18241	0.458896
10.1681	11.3057	11.0844	10.0929	9.06831	10.4168
13.1253	12.9902	12.4529	11.3283	13.8988	12.9848
83.4742	80.7323	82.7556	82.7451	71.4026	87.4805
18.1597	19.5317	17.9038	19.7925	19.711	22.2843
15.2561	17.8693	14.2962	16.8847	13.7812	14.3099
0	0	0	0	0	0
4.07624	3.59303	4.96846	3.13375	5.5281	4.84787
0.688661	0.246851	0.79565	0.791749	0.685533	0.349478
0.772707	0.272311	0.91102	0.433151	0.456059	0.492383
1.73342	0.972083	1.69249	2.61668	3.52051	2.69602
6.64592	7.13728	8.71765	9.33084	8.19402	6.60617
0.957145	0.53013	0.334962	0.363486	0.287989	0.491751
4.53325	4.65855	4.77988	5.03753	4.70323	4.62483
8.92073	9.31311	9.84133	7.58451	11.447	7.80535
7.49474	8.20369	8.494	8.54557	9.50781	6.33894
6.32345	7.11147	7.63653	6.46386	7.28476	5.67913
79.8965	65.2255	81.5664	77.7893	70.202	77.4166
1.01449	0.67183	0.865204	0.566061	1.27054	1.25261
59.8134	68.8816	56.7441	69.157	66.8963	80.5785
0.419935	0.429872	0.793586	0.615118	0.601072	0.40348
44.6994	49.0025	38.9113	39.691	46.1307	39.6244
7.79411	7.36849	7.44923	5.9198	6.71512	7.14008
0	0	0	0	0	0
0.360208	0	0.174593	0	0.133211	0.41112
0	0	0	0	0	0
0.790881	0.197119	0.398558	0.545127	0.770999	0.465432
0	0.0373465	0	0.0341424	0.0649221	0.0251947
0	0	0.0809428	0	0	0
0.279354	0.626546	0.137672	0.110662	0.118366	0.0816628
14.14	15.9626	11.501	17.1879	12.9826	10.1018
2.22349	2.66225	3.07591	2.63252	2.97513	1.79601
0	0	0	0	0	0

0	0	0	0	0	0
1.77148	2.00226	1.29757	1.78355	0.490865	1.10832
0	0	0	0	0	0
3.9038	3.53697	1.07188	2.30138	1.7314	1.77647
4.02496	3.32134	4.2143	4.7095	4.27138	4.29838
480.488	591.971	494.327	537.711	469.966	577.268
0	0	0	0	0	0
35.8068	35.2668	40.8117	31.2353	41.8668	40.3301
1.77987	2.08498	1.7939	1.46	2.35206	2.30439
1.63164	1.48379	1.00004	1.40674	1.09863	0.704407
10.9643	11.5162	11.4221	14.6368	11.7535	12.6251
0.267175	0.190259	0.144258	0.130452	0.289398	0.128353
11.5511	11.5969	11.9796	12.5128	11.0322	10.075
1.91876	2.67179	2.07161	1.79767	2.02936	1.47874
8.96292	9.74298	9.70606	10.2187	7.9983	8.5354
9.85863	9.88596	10.2478	9.20153	9.71354	7.85332
1.15256	1.08973	1.33526	1.08676	1.86533	1.01351
2.8893	2.72888	5.50644	5.17026	2.86475	3.52301
0.062629	0.0260161	0.170957	0.154596	0.633159	0.219387
7.54166	6.68338	7.70352	6.91385	8.56627	6.5445
0.04636	0.0288869	0	0	0.0753243	0.0584631
91.4443	85.3924	88.4976	88.5418	87.1202	87.4493
0	0	0	0	0	0
13.4309	12.2026	13.4825	13.5832	14.7296	14.6327
2.12333	1.61067	1.34585	1.05177	1.32854	1.09768
12.3743	11.5335	13.2539	10.7621	12.6865	11.6033
0	0	0	0	0	0
0.141082	0	0	0.0542248	0.0515546	0
6.37036	7.72443	5.60908	6.44809	7.59454	6.90848
66.7637	77.9794	67.867	83.9409	51.6743	58.0881
83.2201	83.7406	84.1225	88.2831	73.76	94.0194
28.1332	21.0609	35.6976	24.132	29.4094	34.1122
0	0	0	0	0	0
0	0	0.185764	0	0.249552	0.0619809
43.4076	49.7757	35.9482	42.916	33.094	33.0295
55.0298	52.8891	64.3135	55.2793	62.8261	49.457
0	0	0	0	0	0
40.034	35.1797	40.7871	37.6813	40.9372	40.2967
0	0	0	0	0	0
0.187102	0.0666189	0.0336744	0	0.492186	0.247184
41.8245	48.3415	45.8304	54.7589	38.7437	53.5582
2.58901	2.74024	4.15541	4.00016	1.95921	2.68349
0.0563803	0.0526958	0.0177577	0	0	0

6.62773	6.12981	11.586	9.75796	8.2323	7.84713
12.887	9.9038	14.1673	12.2818	16.6657	13.2649
0	0	0	0	0	0
2.41741	2.95437	2.3425	2.77098	1.3594	1.01042
21.6393	22.553	23.4449	19.866	26.466	20.2665
1.44163	1.09993	1.61238	1.18992	1.48187	1.06359
0	0	0	0	0	0
0	0	0	0	0	0
0.185941	0.0695157	0.234258	0.317759	0.422955	0.297013
32.8544	23.4733	53.0201	22.844	46.7758	27.6576
10.0297	11.3549	9.54205	10.3938	11.1002	9.44512
7.45654	8.24447	8.65461	7.48292	8.38609	7.73597
86.06	88.4795	93.9501	96.0443	76.6674	87.2728
3.15782	3.22963	4.03326	3.84576	4.03381	3.44211
0.00919975	0.0458589	0.0115903	0.115292	0.0298949	0.00773434
0	0	0	0	0	0
6.2851	6.30652	5.89354	5.55839	6.87007	5.25983
0	0	0	0	0	0
2.64406	2.71887	2.77399	2.68015	3.85489	2.67083
105.08	94.2951	62.5448	51.1146	44.6999	51.7888
52.9621	48.7273	57.7679	65.1054	53.5356	56.408
6.85348	7.38723	4.8218	5.00932	7.46211	5.20807
0	0	0	0	0	0
1.00997	2.05956	0.115674	0.0697357	0.895072	1.0292
0	0	0	0	0	0
34.5137	37.1862	37.2828	38.257	32.0112	36.9374
7.89724	7.7849	9.18407	7.09404	8.18402	8.80976
4.40282	5.41321	3.44465	2.82827	3.38238	2.86956
26.1316	26.3991	24.8405	25.5703	24.8583	24.5525
7.98684	7.84505	7.44188	7.61432	8.73129	8.04357
0.60027	0.550652	0.724742	0.512908	0.478619	0.567736
0.131997	0.164495	0.166298	0	0.90147	0.0993626
37.6238	28.1098	23.8521	30.0812	30.2242	37.4242
2.07292	1.49308	1.84487	1.71165	2.80152	1.31104
11.8952	10.846	9.89254	11.4428	10.4414	10.3224
0.0164071	0	0	0	0.0177719	0
9.49E-37	1.97E-169	0.138708	0.17261	4.81E-90	5.79E-237
0	0	0	0	0	0
41.1972	37.0219	41.3743	38.9072	43.2314	41.722
9.48077	9.26606	10.9051	9.23065	11.6403	8.3126
0	0	0	0	0	0
14.779	14.5185	13.9647	15.0936	15.9978	17.5992
78.2813	53.4876	110.349	74.9533	106.047	65.0717

7.73889	10.9351	8.13787	7.9837	12.409	9.73365
0	0	0	0	0	0
0	0	0	0	0	0
0.23635	0.293093	0.176036	0.245372	0.144005	0.228458
333.663	311.384	360.517	304.085	326.201	277.322
3.8226	3.1771	3.80611	3.27457	4.56761	4.09606
0.197513	0.196912	0.398139	0.360036	0.342306	0.232472
11.2727	11.2958	12.3664	12.7263	15.2173	18.9285
30.2178	32.754	25.3517	30.6356	20.2379	25.5935
1.47008	3.42589	3.25542	2.94382	4.43328	6.99069
20.2569	20.7381	20.4556	19.1062	18.0043	17.9201
353.178	372.312	360.661	328.015	416.94	373.914
5.03178	4.68931	4.60289	4.287	5.28444	4.70848
1.67074	1.6757	2.9997	1.5933	2.23555	1.44966
0	0	0	0	0	0
77.9356	61.0489	35.9086	38.8142	25.6873	48.8603
0	0	0	0	0	0
7.49779	6.7165	7.26017	5.83984	7.63253	5.74373
1.46203	3.47833	2.0094	3.48276	0.863806	1.67611
13.1837	14.5342	16.4067	16.5252	15.3975	16.4833
9.27754	9.04207	10.3737	8.41492	9.69601	7.30626
25.8009	0	0	0	0	0
0	23.4193	0	0	0	0
0	0	0	0	0	0
3.07032	8.92787	1.54726	2.09878	0.665142	0.860419
2.37429	2.5335	3.2156	2.53593	3.34332	1.87134
1.8969	0.78797	1.39406	1.08055	1.88346	3.32238
17.3319	13.7421	13.9513	13.6763	11.8185	12.713
173.851	197.264	162.996	174.581	119.438	147.671
9.64786	10.1941	11.1155	9.06657	8.23224	8.21526
0	0	0	0	0	0
0.758562	0.726185	0.602955	0.756826	0.946785	0.725976
9.53687	8.32494	7.35408	9.21818	14.138	14.6946
6.80384	7.16402	11.2305	11.4407	11.1138	15.6308
1.12945	1.42386	0.824255	1.33852	0.749576	0.586731
5.87772	6.33598	6.54401	5.55998	8.71614	5.71098
1.61342	1.15684	1.68153	1.26852	1.51484	1.84231
14.126	16.5149	17.4756	14.5588	13.9996	13.5287
1.20808	1.64222	1.62566	2.31395	2.52691	2.37649
2.33706	2.32008	4.54129	1.94052	2.57436	2.49762
0	0	0	0	0	0
0.858698	1.28413	1.73094	1.36962	1.30217	1.44384
41.6977	39.832	33.1551	20.5919	55.6404	25.2347



10.2467	9.61651	8.22499	8.93826	9.56021	10.663
2.06465	2.71204	2.81206	2.35222	2.59905	2.25182
0	0	0	0	0	0
0	0	0	0	0	0
6.71897	6.76363	7.07411	6.04117	7.51165	5.93514
792.19	683.57	537.206	585.91	402.617	627.574
3.32E-23	7.48E-08	4.40E-05	0.000170953	1.18E-06	2.03E-05
0.0515108	0.0641926	0	0	0.111591	0
42.992	39.3144	41.5278	36.4622	47.5852	41.9862
0	0	0	0	0	0
40.0817	42.8859	42.0486	43.8693	36.5266	45.118
0	0	0	0	0	0
18.6466	18.5222	21.732	16.7452	18.0539	15.2849
0.258552	0.393809	0.542897	0.458211	0.591235	0.893624
44.9189	40.2929	46.0375	42.4014	40.9993	39.9222
12.3943	12.2267	13.4843	14.6275	15.4665	16.8138
0	0	0	0	0	0
0.486571	0.500576	0.792751	0.860893	0.490012	0.234768
0.028728	0.179004	0.289545	0.229105	0.155588	0.193216
0	0	0	0	0	0
0	0	0	0.0373054	0.0354683	0
11.9002	10.753	11.9656	10.5432	13.5301	12.4446
20.013	21.6046	22.777	23.1354	20.999	22.7436
40.8115	37.198	39.185	40.3974	32.8941	39.4581
0	0	0	0	0	0
0	0	0	0	0	0
0	0	350.539	0	0	0
1.79665	2.39329	1.44676	1.62369	1.06505	1.73481
31.9694	31.4744	24.676	26.5113	31.1106	35.2843
0.252398	0.351543	0.18705	0.169149	0.595031	0.274604
0.586486	0.474484	0.839082	0.574076	0.540878	0.218816
11.6831	12.1793	18.1162	13.8608	14.2568	12.0562
0.0347178	0	0.0218697	0	0	0.0291877
0	0	0	0.475231	0	0
0.583218	0.363101	1.1037	0.166481	0.631205	0.367704
33.3381	30.3369	32.0788	30.4362	31.7003	38.6369
1.44942	1.59377	2.14831	2.42838	1.56998	1.68446
58.8415	38.7531	40.5746	30.887	49.6677	21.8604
11.7255	7.28966	12.207	6.06243	10.2176	11.1164
0	0	0	0	0	0
0	0	0	0	0	0
0.111172	0.0692712	0	0.0633282	0.0602096	0.0467318
17.053	17.5476	17.4329	20.9824	15.7271	21.505

0	0	0	0	0	0
0.670651	0.368303	0.687395	0.466207	0.455561	0.248465
13.353	12.8076	10.5255	14.4814	9.90502	12.1986
6.87628	6.40631	13.9318	12.429	37.4919	21.7203
0	0	0	0	0	0
11.7013	10.9876	14.5142	11.5963	14.834	11.458
0	0	0	0	0	0
0	0	0	0	0	0
65.0447	61.1777	65.4289	68.8245	70.3811	85.1493
1.37218	1.19816	1.28439	1.49342	1.84589	1.06518
0	0.221277	0	0	0	0
113.57	123.341	102.302	123.645	84.2542	108.381
0	0	0	0	0	0
12.991	10.4055	13.4978	8.82098	17.431	13.3285
5.78607	9.41606	4.53625	2.52741	0.621599	1.2406
40.7552	38.6377	38.1709	37.7378	33.063	37.1147
0.0936087	0	0	0	0.101395	0.0786979
7.782	8.74655	7.01186	7.49113	6.90883	5.3209
2.27087	2.36203	1.64305	1.44537	1.99715	1.468
7.63398	7.32633	7.7559	8.47821	8.7629	9.49556
40.8788	45.4827	46.1652	47.4653	45.605	41.6945
0	0	0	0	0	0
10.3759	10.0754	11.9814	9.78768	10.0126	9.507
354.283	329.968	365.901	377.629	457.602	467.604
25.544	26.8261	23.8705	27.6236	26.331	25.418
10.9155	10.1986	10.5996	9.62439	12.5694	9.95843
0.1303	0.0541268	0.0547199	0	0	0.0365151
6.56025	6.30474	5.36522	3.53431	7.39499	4.83289
0.369594	0.177149	0.0358181	0.161951	0	0.215115
43.0314	40.1092	48.7163	41.5988	47.4973	42.9441
0	0.0963421	0	0	0	0
0.360566	0.46713	0.769861	0.652429	0.466278	0.494801
2.19864	1.79961	2.19631	1.44761	2.36743	2.39166
32.7825	30.7646	34.0892	30.0296	35.5084	31.7686
17.125	16.0121	22.2693	22.2197	19.5151	24.3448
38.5572	41.5518	37.6583	37.1502	34.7639	36.9228
0.665221	0.552665	0.558721	1.26312	1.0408	0.994238
15.0749	12.791	14.714	13.1857	14.4618	15.6396
1.2623	0	1.9879	1.43812	2.05095	0.530617
0.996731	0.962376	1.72663	0.823384	2.17264	1.42445
2.16181	2.14813	2.30456	1.86519	5.12685	3.11186
0.0376196	0.140644	0.142185	0	0	0.189763
21.314	21.7774	23.6786	22.958	25.3393	26.122

26.0067	23.2055	27.0925	20.9703	20.4093	19.9658
11.9518	11.8541	14.1947	10.959	14.1976	11.3343
31.2706	32.6191	32.3543	32.1479	29.7137	32.8195
9.80741	10.7002	10.8415	11.0865	4.7949	3.20825
0	0	0	0	0	0
6.97471	7.54684	7.41907	6.89937	5.20245	5.1966
0.930517	0.739561	0.515436	0.175403	0.245146	1.09278
0.409521	0.100533	0.100533	0.158814	0.519996	0.562455
1.95115	1.36987	1.558	1.8159	3.09576	2.79554
18.5048	21.0428	20.9401	22.5772	18.6063	18.4375
18.7824	18.6644	19.4656	16.4235	20.8732	15.5668
0.0274267	0	0	0	0	0
0.0196199	0	0	0.0223526	0	0.0659787
18.9782	17.1594	13.8721	10.8772	22.5841	18.2595
0	0	0	0	0	0
2.67462	3.56141	2.35413	1.87838	3.25427	4.55878
1.33516	1.67849	1.72424	1.05667	1.94386	1.04289
4.54722	3.79735	5.51481	4.37888	6.02929	5.50648
12.0954	11.8493	11.7298	12.772	10.5819	13.0039
0.157527	0.294466	0.396923	0.897342	0.511892	0.198653
1.70209	1.9472	1.64379	1.6826	2.16135	1.79075
0.113946	0	0.0358889	0	0.0925681	0
38.9635	41.4745	45.5221	34.7277	46.3447	39.7441
0	0	0	0	0	0
2.18302	2.86472	2.98918	2.93708	4.15756	4.66017
0	0	0	0	0	0
0	0	0	0	0	0
1.8066	2.14787	1.33423	1.0646	1.46203	3.71851
0.705545	0.839783	0.242423	0.184969	0.277903	0.136494
0	0.293369	0	0	0	0.197913
1.87544	2.4164	2.64311	2.7523	2.54791	2.16463
0	0	0	0	0	0
2.76057	2.77351	3.15439	2.29175	2.73521	2.46477
2.10408	1.44525	2.7552	2.83127	1.47154	1.29535
0	0	0	0	0	0
8.51168	7.97323	8.15655	6.91495	9.74047	7.86425
0.138788	0.0432393	0.0437131	0.0395296	0.112749	0.0291701
3.95911	4.68563	4.27531	4.80886	3.70974	3.56619
0.665148	0.62168	1.25698	0.189448	1.26083	0.978597
0.484847	0.928862	0.708292	0.700756	0.72011	0.470346
221.881	248.383	220.536	223.077	222.477	233.774
21.7034	24.2694	21.8807	20.2481	17.6694	25.2647
55.8256	62.6598	54.4548	44.9077	81.7909	67.5048

0	0	0	0	0	0
0.0876022	0.0236684	0.0245251	0.0998036	0.151823	0.0163658
1.22287	0.787802	1.17547	1.23141	1.45078	0.884139
0.77828	0.515771	1.12902	0.411703	0.518059	0.0972155
22.2614	26.1186	23.6244	26.7114	20.7832	25.7652
0.0706274	0.176031	0.0889802	0	0.0382511	0.0593773
1.16764	1.10829	1.01842	1.0811	1.50324	0.93988
12.5801	12.9122	13.1243	14.2897	8.9244	10.267
0	0	0	0	0	0
0	0	0	0	0	0
0.0777573	0.477364	0.323877	0.281779	0.71241	0.395693
6.41463	6.24342	7.07869	6.24121	6.79605	6.29823
13.4218	12.2108	17.6733	12.8016	23.8842	18.9171
36.6127	34.5101	0	0	0	0
15.9958	15.4728	17.2349	12.8743	19.1694	14.775
17.7881	11.8655	7.35848	7.24559	7.93755	10.6869
0.634034	0.569648	0.717425	0.766297	1.17262	0.530148
0.116354	0.338332	0.635217	0.353492	0.462116	0.260853
1.22151	0.779575	0.970849	0.960761	0.945219	0.892503
0	0	0	0	0	0
2.69158	1.76539	2.39155	2.03356	2.17893	2.78687
9.75561	12.6455	14.3696	12.038	9.63016	9.58681
6.19233	6.16878	5.6716	5.52274	6.80875	6.94161
9.48832	8.86395	11.3101	11.2662	10.6216	9.54447
2.01065	2.08806	1.62844	1.52713	1.24451	1.24766
6.20245	4.76584	7.87491	4.90616	5.67406	5.29552
3.25689	4.04069	1.02124	5.54104	2.65604	1.06482
4.0019	2.4393	3.5523	2.02754	4.59832	2.60923
0.0169527	0.0422528	0.0213579	0.0193139	0	0
0.0646273	0	0	0	0	0
2.13361	2.00181	1.94651	2.16535	2.55016	2.13394
12.283	11.8652	11.867	9.70455	13.9187	11.3652
16.2966	17.726	18.0095	25.2059	15.4456	13.5965
14.1768	15.4424	17.6392	13.9985	19.7077	15.4864
8.82393	7.98893	5.22103	3.88751	6.29223	8.95798
18.4246	18.0529	19.977	19.2509	22.2276	20.7369
63.4492	61.5444	55.9007	71.9139	57.6266	75.2477
2.33047	1.82704	3.36511	1.39491	2.80698	0.892163
3.33803	3.37714	4.90979	2.33041	4.63211	2.98071
0.278342	1.19536	0.187024	0	0.48239	0.617774
46.8526	46.8198	46.7926	47.8338	48.7961	50.8842
11.7621	11.2352	12.0087	11.9548	10.0488	10.7208
0.0418436	0.0651819	0.0263584	0.131097	0.192628	0.0527677

0	0	0	0	0	0.0136614
47.4253	50.8996	43.5925	51.3039	48.6851	50.1926
0.0693555	0.0345723	0.0873778	0.0158031	0.105174	0.058308
25.648	27.1087	20.5541	22.1208	29.0932	34.6089
0	0	0	0	0	0
4.64142	5.14511	6.44691	4.77596	6.70523	4.96873
27.6205	27.1351	36.866	38.9404	34.6333	35.7095
0.697016	0.466481	0.504117	0.676454	0.265646	0.141072
1.31074	0.466697	0.825668	0.559987	1.21694	0.590331
0.152509	0.207334	0.104803	0.0789775	0.045053	0.0349679
1.24604	1.34791	0.652865	0.830943	0.662924	0.553983
1.33415	3.74088	4.83239	2.46995	5.23856	2.94429
6.52075	8.72607	7.4433	8.42616	7.96381	8.79339
7.31046	6.68577	8.13317	6.58234	8.14205	7.06293
33.7368	33.9785	37.4313	31.8753	34.4551	31.9924
20.1869	21.1297	25.7492	18.3373	20.2292	18.9971
12.0908	13.8327	14.3091	15.3501	14.6307	13.1018
0	0	0	0	0	2.22E-276
10.8643	8.55133	9.25971	9.60847	4.69402	7.81259
9.94709	9.49713	10.6478	6.18368	14.1049	10.9688
26.8276	26.8656	34.2174	27.1555	39.2052	32.9913
47.1589	46.6257	45.5057	41.1507	41.8507	35.5811
4.77629	3.91422	4.8074	2.95736	3.88018	2.64062
0.191747	0.32259	0.181179	0.294914	0.781029	1.42028
7.36605	8.00398	8.64799	7.59169	8.56575	5.9565
0.0233946	0.0291543	0.184223	0.119945	0.231702	0.0885113
0.736506	0.7968	1.16241	0.931296	1.08707	0.605581
0	0	0	0	0	0
0.213827	0.370099	0.26939	0.0541349	0.255537	0.179767
7.84233	6.55372	6.48605	5.59203	9.44405	4.25839
11.3427	9.40168	11.4443	9.29448	13.3824	10.3907
0.451352	0	0.568638	0	0	0.379457
0.476765	0.334206	0.150164	1.22213	0.193658	0.150308
20.0459	20.8564	16.1025	20.5375	17.1805	19.975
0	0	0.112667	0.101885	0	0
13.2901	13.3142	12.8512	9.38307	10.9996	8.94487
82.5092	80.3278	82.6817	74.1565	78.8599	71.1471
0	0	0	0	0	0
13.8164	10.7134	12.0686	10.8086	14.0011	14.4033
16.3055	22.2698	14.7805	18.2601	14.5717	16.4249
116.974	144.904	96.4544	119.672	104.25	135.686
46.97	54.3346	44.0349	49.7146	44.4296	40.4806
0.44163	0.687948	0.32456	0.838569	0.279046	0.433164

0.291711	0	0	0	0.315975	0.49049
1.28312	1.3943	0.859013	0.796765	1.65852	0.970975
1.0101	1.01961	0.865349	0.701978	0.678351	0.683605
0	0	0	0	0	0
0.0235846	0	0	0.0268695	0.101523	0
8.51674	8.2643	7.54906	7.63198	6.56335	8.34876
7.7163	3.93386	14.1425	8.65826	12.3913	25.1508
2.94002	2.77583	3.69329	3.13568	3.27703	2.81347
6.4667	6.24352	5.05644	4.26695	5.84135	4.60627
59.8837	73.4736	71.2469	70.9661	61.5564	68.1382
5.78383	4.82131	4.29588	5.76954	5.60136	8.28153
460.601	671.549	194.947	191.793	143.569	90.8146
0	0.128332	0.0648689	0.0586608	0.250974	0
5.12304	5.33738	6.91086	4.61673	7.52975	5.84423
1.09174	0.846549	1.23789	1.40964	0.998598	0.897442
0	0	0	0	0	0
3.66324	3.71342	2.82419	3.48827	3.67183	3.63132
3.71701	3.33001	4.46709	3.47365	4.52715	3.54255
31.0973	31.0273	35.0402	31.1007	31.7757	28.573
8.51899	10.6625	13.8592	8.73499	11.8755	9.96455
0.176285	0	3.35E-26	0	3.29E-280	0
0.0336627	0.0419504	0	0.0383513	0	0
136.068	58.3823	57.8458	38.3309	52.1906	40.7328
1.64687	2.89103	2.13478	2.69676	0.92166	1.12735
1.63369	1.26206	1.46994	1.63355	1.91214	1.68819
1.46444	1.66477	1.08104	0.85334	1.33299	0.785603
60.4432	60.7016	62.1963	43.1878	45.6622	35.6131
7.45975	6.16747	10.4323	12.9269	7.19116	5.07403
39.527	36.3446	40.2608	34.2162	38.3788	34.3264
0	0	0	0	0	0
1.65931	1.77742	1.68104	1.54349	1.86698	1.36387
2.24374	2.72005	3.32677	1.42619	2.18236	1.36037
1.32928	1.76008	1.46536	1.51442	1.25986	1.04769
6.20833	5.68419	7.59102	5.03614	8.17338	4.53296
0.402033	0.320551	0.949884	0.249699	1.1878	0.753763
2.1107	2.62437	3.19596	3.02386	2.97723	1.23169
116.692	133.693	104.27	106.358	83.8931	110.041
2.8904	3.68828	4.77758	5.09833	4.37292	3.23093
0.181274	0	0.228379	0	0.523607	0.1524
0.713304	0.384397	0.607202	0.395346	0.542934	0.372776
0	0	0	0	0	0
10.2003	7.06903	13.0274	7.92105	13.0972	8.2281
36.4771	41.5998	29.0551	39.6916	30.108	34.4811

0	0	0.265077	0	0.0759681	0.0589628
0.673913	0.614875	0.803548	0.562123	0.560512	0.566567
25.4566	22.9097	31.2499	24.2789	17.959	19.3453
12.7484	13.8172	17.9273	16.9276	24.8461	29.3605
144.077	148.05	91.5364	104.041	65.4988	103.246
4.86571	4.31361	5.2055	4.16904	5.40647	6.77078
0.0579336	0	0	0	0.0627525	0.097411
4.28266	3.69363	4.0631	3.45112	2.55988	3.02968
44.6449	144.243	22.1339	280.994	70.6186	13.2062
16.7712	15.2798	15.8261	15.1881	16.8083	13.38
3170.87	3641.39	3311.52	3273.97	3193.05	3770.22
6.07112	5.36124	5.11051	4.57923	7.50017	5.0937
0.212521	0.0529687	0.214197	0.193697	0.368318	0.357338
1.0901	0.813279	1.20904	1.41852	1.41401	1.11837
6.00894	5.39655	6.21982	6.28344	5.59205	6.26136
0.0972827	0.0871589	0.139387	0.0925706	0.112367	0.0702688
0	0	0	0	0	0
1.29383	0.403091	1.73191	0.557369	0.175181	0.475884
0.215591	0.134334	0	0	0.116762	0.0906248
35.6788	36.6005	35.5398	42.3832	29.5348	34.0194
4.85909	4.67452	4.85809	4.38574	3.22193	3.6978
0	0.0458922	0.167007	0	0.143587	0.0309598
0.0100939	0	0	0	0	0
3.71561	2.94335	2.92117	2.8549	2.30873	1.92511
164.617	175.794	112.691	113.413	93.3043	93.0944
72.17	65.4038	73.883	58.0858	76.4866	57.9493
50.0918	55.8241	47.5737	50.2056	29.1264	37.7528
5.97975	5.6099	5.89709	6.17474	9.19416	10.3746
0	0	0	0	0	0
5.68428	6.09395	5.27782	5.37596	7.068	7.30573
0	0	0	0	0	0
0	0	0	0	0	0
2.51895	3.07699	2.94436	3.23742	8.1183	6.9491
0	0	0	0	0	0
1.73808	1.66712	2.34791	1.18747	1.90368	2.13478
2.96511	2.89024	2.81095	2.8095	3.11634	2.4928
18.2999	18.1362	16.2157	17.1319	15.6809	16.8634
5.2848	5.7168	5.46704	5.31462	5.69083	4.41694
18.9868	19.7226	18.5175	19.3485	17.3294	18.8396
0	0	0	0	0	0
4.20051	4.40188	2.23708	1.7402	1.57178	1.76571
0.0271444	0	0.205188	0.0618503	0.0294023	0.0912825
10.7207	13.4333	10.6953	10.6362	7.32187	6.94306

0	0.47318	0.478365	0.216292	0.411281	0.319217
3.71221	3.61884	3.35677	3.4789	4.05342	3.14607
0	0	0	0	0	0
1.08818	1.17417	1.40438	0.86177	1.96927	1.23838
7.43837	6.60596	7.58295	6.04423	9.26006	7.70905
7.92426	6.82389	7.92442	6.50342	7.22573	6.97296
0.0975017	0.0486026	0.0982703	0.177731	0.147857	0.0819709
754.814	708.479	483.409	577.377	502.728	702.76
0.942013	0.503115	1.27157	0.459951	0.947486	0.282844
0.779601	0.686459	0.578828	0.626379	1.39004	1.07888
0.383222	0.411566	0.27943	0.251389	0.41892	0.27693
478.311	489.977	469.352	533.065	403.267	508.831
7.56838	7.33318	7.9731	6.83053	9.88155	6.79839
99.4196	98.3527	104.477	105.461	101.827	93.1605
0.29787	0.895138	0.265942	0.339205	1.18607	0.660339
3.94363	3.77007	3.2669	4.06209	5.67605	4.58714
24.761	25.9796	24.1682	25.7815	21.1076	23.015
1.14915	0.824525	0.438716	0.39673	0.490351	0.468415
12.5853	12.2868	16.6856	13.0512	20.174	15.1554
47.8708	44.6301	52.2782	41.7485	42.7852	49.2874
5.83338	7.80265	2.98868	4.65211	2.69594	3.23677
5.70751	6.98158	5.30182	4.94429	5.24207	5.97029
0.0360424	0	0	0.0410624	0.142521	0.110618
0.611961	0.672904	0.634926	0.656185	0.584879	0.605274
7.29057	7.17969	8.22006	6.27785	7.47559	6.00662
0	0	0	0	0.0256763	0
46.733	48.7652	54.6454	45.895	40.308	40.2601
0.0892089	0.185287	0.187317	0.0338781	0.0322098	0.274996
7.58807	7.4307	6.34909	6.75871	6.03246	7.46851
19.2166	13.869	29.087	19.1368	23.7352	26.7324
2.21192	2.25068	2.85708	2.15898	2.57366	2.00326
0	0	0	0	0	0
0.037515	0.350634	0.118159	1.17536	0.142224	0.630787
0	0	0	0.0816659	0	0.0301319
10.3415	10.8352	12.3619	12.4705	9.51504	9.80514
0	0	0	0	0	0
50.9481	38.1228	48.2374	45.024	70.7383	65.3354
45.6194	53.8993	38.7916	47.3979	42.6099	44.0668
78.4809	83.8039	80.7616	85.341	72.5546	84.8716
12.1363	11.8158	12.1291	10.8353	12.103	9.89247
0	0	0	0	0	0
39.8576	40.9418	33.1964	40.0892	35.0442	44.4447
4.69432	3.49527	5.2125	3.94319	4.97709	3.96329



426.961	446.424	503.397	463.448	446.493	445.941
10.1255	7.66124	13.0669	8.02997	12.8816	16.5272
1.50155	1.22037	1.15149	0.743778	1.2493	1.5551
0	0	0	0	0	0
1.07832	0.993664	0.843472	0.987846	1.01583	0.985309
0	0	0	0	0	0
0.213308	0.318989	0.752464	0.243018	0.0462102	0
28.6639	24.6803	27.4554	25.3505	27.298	26.6781
4.06E-207	0.064752	0	0	0.0272549	0
8.48651	8.29443	8.67852	8.13076	7.14219	6.5608
0.124253	0.0819764	0.478832	0.283119	0.625442	0.301094
1.0163	1.38714	1.03651	1.16076	1.3128	1.13922
0	0	0	0	0	0
0	0	0	0	0	0
275.292	290.02	306.325	333.394	352.246	277.315
0.0403039	1.35612	0.101554	5.69378	0.0873127	0.440492
2.30862	2.63725	0.484754	3.06853	1.6671	1.6174
8.59815	7.04984	10.4543	8.80419	11.6539	6.96365
0	0	0	0	0	0
4.74224	6.24428	5.63635	6.50375	5.54375	5.46124
0.0267288	0.0666189	0.0336744	0.0304517	0.231617	0.0674137
0	0	0	0	0	0
6.11354	7.3946	9.36342	11.6767	9.28398	8.44023
0.0770109	0	0.0485112	0.131606	0.166833	0.016186
0.28313	0.352836	1.42681	0	1.5334	0.238031
8.06575	8.48552	8.64922	8.15832	10.0315	10.2456
11.7665	12.2756	17.4853	11.7643	17.2969	38.266
0.175156	0.124731	0.472867	0.313583	0.271037	0.0841463
0	0	0	0	0	0
135.619	147.304	112.912	138.398	78.8713	124.434
20.3403	20.9559	22.674	20.8447	23.3825	20.05
2.62873	2.8182	1.6635	1.3359	2.80871	2.58353
52.661	50.8358	54.7659	55.0219	53.907	64.5793
2.06153	2.60645	2.267	2.19786	3.38127	2.55331
0	0	0	0	0	0
4.09723	4.63966	6.38757	5.28602	7.27513	5.39495
4.86226	6.47879	4.03743	4.47435	5.48633	5.9937
0.0163466	0.0814845	0.0411887	0.0372468	0.0177063	0
0	0	0	0	3.13271	0
0.0468221	0	0.0589891	0.106687	0.202867	0.157456
12.0387	12.0662	11.4648	10.815	11.6612	11.4644
0	0	0	0	0	0
0	0.217085	0	0	0.0943438	0.0732251

4.17074	4.13477	4.88656	5.05779	3.72043	3.94838
9.76136	19.9831	11.1324	13.2864	12.851	25.2408
13.4669	12.975	14.1414	12.1434	19.8411	19.5247
5.30899	5.03486	5.17416	6.2006	8.96947	7.04589
11.2759	11.8236	14.4667	13.3852	13.7453	12.5486
11.0022	14.4326	14.8825	15.4374	9.28301	11.3917
0	0	0	0	0	0
1.96932	0.838008	1.27079	1.42278	2.13313	2.18059
0.694877	0.865954	0.583629	0.791661	1.00357	0.681556
0.404918	0.243964	0.638389	0.158799	0.345532	0.29637
6.93995	6.64295	6.48546	5.97793	8.54835	6.65868
0	0.0768545	0.0194228	0.017564	0	0
42.7336	44.8235	65.1019	56.2958	64.3728	56.0173
3.46123	3.84283	5.54992	3.89553	6.65756	16.2778
13.9759	13.0998	15.5864	13.2584	17.7154	13.8139
0.512127	0.322264	0.842295	1.32727	0.670328	0.922672
1.67452	1.2331	1.4247	0.941488	2.1004	1.15183
0	0	0	0.150147	0	0
2.76115	4.31944	2.5292	1.70408	2.42493	1.54055
0	0	0	0	0	0
0.864609	1.17369	1.9365	2.05216	0.674299	1.40725
0.383737	0.159404	0.107434	0.218592	0.323288	0.161306
14.5267	14.154	11.5211	11.9762	7.12697	8.28111
0	0	0	0	0	0
33.1248	29.6071	30.0321	31.5415	28.9634	29.371
0	0	0	0	0	0
2.43055	1.81726	2.92595	2.36281	3.76769	2.27045
17.5096	17.737	19.442	16.8234	19.8116	17.7026
30.6058	29.2778	28.3589	27.201	28.2941	33.6111
1373.17	1739.99	1357.16	1432.61	1290.35	1598.02
30.8115	37.42	30.6679	36.0676	36.4019	38.7976
0	0	0	0	0	0
0	0	0	0.0561261	0	0
18.7967	21.0611	23.6452	23.4339	17.0155	20.9576
0	0	0	0	0	0
9.84298	10.1194	10.5611	9.01184	8.72736	9.1141
24.7095	23.4148	25.9522	23.9145	33.4428	28.7128
0.0913599	0.170779	0.143875	0.104085	0.0494796	0.0192019
23.4259	26.1333	23.6649	26.0966	21.2587	26.7164
32.0083	34.5967	24.7182	32.2018	30.9973	32.9431
29.2775	28.036	34.4217	27.9418	38.5225	36.8901
1.89878	2.42315	2.62257	2.6323	5.02883	2.29815
5.33097	6.38943	7.62491	6.34143	6.30088	6.31408

4.16576	16.9489	16.8863	15.8092	9.26323	11.2131
0.977917	1.03597	0.873371	1.0323	1.56816	0.874173
13.5003	12.275	13.978	10.0596	10.5483	8.49163
28.4371	26.8892	31.3001	33.1411	29.7532	24.6799
0	0	0	0	0	0
26.8446	23.9295	24.5753	21.7295	20.2402	19.575
12.3027	11.9376	9.82037	12.3044	9.1553	10.1062
0	0	0	0	0	0
1.1301	1.38732	2.40485	1.70551	3.13469	2.01803
61.9756	30.6423	91.2225	68.0611	152.35	117.62
29.9943	25.8926	18.3778	22.2235	18.2428	20.0469
1.31787	1.84762	1.7641	0.563036	2.14124	1.03871
0.109433	0	0	0	0	0
65.3221	61.72	59.8022	57.4743	48.6866	53.4365
0	0	0	0	0	0
0.0400796	0	0	0	0	0
18.4199	17.8946	11.3614	7.57842	10.1414	8.55888
11.4857	9.78435	8.88186	9.96847	9.86524	8.67543
8.23891	8.5108	11.6271	13.0569	11.2325	7.8153
2.87187	3.62794	2.67643	3.00295	2.72723	3.20819
0.327946	0.631605	0.751207	0.203794	0.290638	0.40103
0	0	0	0	0	0
9.2553	8.48851	8.7954	8.5839	8.35241	9.14036
1.33144	1.2007	2.02232	1.96919	2.93058	3.04552
0	0	0	0	0	0
10.3928	10.0397	11.3507	9.92369	11.1357	9.18518
0.530691	0.509571	0.554209	0.465853	0.543755	0.474322
0	0	0.0178407	0.0161333	0	0.0357157
0	0	0	0	0	0
0.323907	0.58767	0.439012	0.537252	0.590962	0.355015
4.69681	4.90633	4.56851	3.5411	4.22711	3.58574
2.42813	2.50931	2.95961	3.46353	2.6301	2.83798
132.992	127.868	158.89	174.575	147.183	158.044
0.10988	0	0.0307625	0.0278184	0	0.0205281
0.0676122	0.0134789	0.12461	0.0554596	0.0732362	0.0568424
191.761	177.38	211.471	166.967	208.623	166.871
3.47687	2.27585	5.35386	3.92113	5.09752	1.50581
8.17428	7.78156	10.5656	9.52508	11.0948	10.704
0	0	0	0.30507	0.580094	0
3.57018	3.0479	3.62094	3.33798	4.70884	3.85552
2.27493	2.16795	2.82393	2.84906	2.51851	1.73677
0	0	0.378377	0.229215	0.0810474	0
1.11664	0.9909	1.17227	1.02153	1.2461	1.35119

0.0946591	0.202224	1.07331	0.415968	1.37687	0.829916
18.546	21.0121	21.2294	17.9295	18.551	15.1196
9.45126	8.6448	9.414	7.73901	11.7084	9.01885
0.481733	0.164296	0.625305	0.746095	0.947171	0.497249
20.1808	18.5898	18.5954	16.4226	20.0047	16.7459
0.545603	0.649028	0.969921	0.932492	2.46867	0.977161
22.4737	21.8198	23.7622	21.6901	27.656	20.7013
3.25984	4.13305	3.39267	3.29404	3.96085	3.95597
6.01512	3.48581	5.98769	3.32775	6.86401	3.10078
0	0	0	0.0550313	0	0
0.147994	0.110658	0.261031	0.0337214	0.224426	0.12442
0.0566371	0.0352905	0	0	0.0613481	0
6.1783	6.35749	8.02224	6.64504	7.37584	6.42421
13.9297	14.5172	17.0447	13.7281	14.4207	12.7213
1.97059	1.31835	2.01226	1.11071	2.40412	1.43005
14.7991	13.6727	13.8176	12.3854	15.7196	13.029
5.12993	5.77755	7.54589	6.2299	8.60734	6.4346
19.4781	19.8785	20.9449	19.5732	24.2353	21.3813
10.2449	7.71347	11.4617	12.2189	11.097	8.5457
20.6481	18.411	17.5852	14.185	17.9149	24.2854
42.6995	43.4339	47.6928	38.2822	42.4567	40.8417
0	0	0	0	0	0
11.4987	11.0792	10.5734	11.0734	11.0141	9.78285
0	0	0	0	0	0.0271279
52.611	52.2573	44.7748	49.7347	50.0257	55.2723
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
40.7013	38.622	31.7788	32.5266	21.9316	28.8482
0.327297	0.186721	0.186721	0.201626	0.341652	0.305421
59.3615	57.9769	66.8728	67.2955	48.08	58.5
498.481	695.943	636.38	659.802	587.817	598.438
3.9286	3.51609	4.27454	3.32293	5.22251	3.90333
27.5742	27.6655	22.655	29.2938	23.3576	23.8605
12.7144	13.2589	12.6716	12.7546	11.3573	13.3457
15.5317	15.9791	16.0748	15.0389	15.4586	14.5806
0.233493	0.145489	0.294167	0.221679	0.126457	0.130867
168.945	182.399	189.64	175.56	169.126	166.434
107.351	80.3251	127.588	93.4194	102.599	80.2088
1.26421	0.8804	1.31165	1.44029	1.93322	1.00031
13.5341	13.5532	13.7571	11.2766	12.7679	12.0618
1.93529	1.09625	1.55157	1.20264	1.52456	1.03538
0.543428	0.334981	1.43318	1.7644	1.72991	1.45304

0.298059	0.457878	0.957681	0.550955	0.975434	0.537633
4835.39	5694.72	5504.52	5933.52	5420.75	6777.9
0	0	0	0	0	0
0.614604	0.52822	0.854412	0.531192	1.07894	0.374166
0	0	0	0	0	0
9.04446	10.2465	9.6189	11.0179	8.99098	12.2451
16.7677	16.8346	15.7123	17.4623	15.6497	14.1809
0	0	0	0	0	0
15.9809	17.2528	16.5303	17.9272	16.4267	15.5408
0	0	0	0	0	0
1.77224	1.92227	2.10872	1.30866	1.42197	1.13125
119.088	154.075	120.151	141.255	93.9792	107.766
0.136837	0.475749	0.294002	0.203707	0.379819	0.397671
9.45038	8.91882	10.6804	7.76115	9.83261	8.57581
0.0309837	0	0	0	0	0.0260483
44.4724	43.3556	44.436	37.8254	49.0809	43.4502
0	0	0	0	0	0
1.02887	1.00836	1.13377	0.953988	2.07764	1.29622
40.2213	42.7597	34.6682	39.0678	30.7432	35.3637
19.8969	20.2043	21.6475	21.3895	15.5594	17.7993
0.210398	0.203931	0.26507	0.399504	0.379831	0.393075
1.77113	1.3465	2.72579	2.95302	2.35306	2.16017
0.560729	0.908414	1.76609	0.894361	0.668108	0.612835
0.784474	0.859299	0.983793	1.13672	0.676913	0.507073
0.645408	0.609542	1.12447	1.1235	0.602196	0.458093
2.55872	2.32395	2.78651	2.66806	2.34877	2.36991
26.4906	25.6585	33.286	32.8896	30.1662	27.876
1.70103	1.22869	1.37467	1.39809	2.61796	1.89269
0	0	0	0	0	0
0.0759436	0.147878	0.127572	0.115363	0.148071	0.130355
0	0	0	0	0	0
0	0	0	0	0	0
627.045	352.697	206.081	126.192	251.794	117.036
6.48359	6.23042	5.99219	5.97999	6.27185	6.38146
8.34134	7.45248	11.5468	7.93605	10.0709	7.23529
24.8217	22.2788	25.1439	21.9039	24.4464	21.8784
71.5503	70.4384	73.4336	66.0328	66.0397	61.0715
0.347412	0.498752	0.986259	0.641198	0.728537	0.427262
0	0	0	0	0	0
0	0	0	0	0	0.0217449
0.372711	0.98468	0.262954	0.169849	0.11304	0.188005
8.12979	9.39222	8.06108	7.56686	9.95512	8.21211
0	0	0	0	0	0

42.9596	39.8962	45.9383	45.2137	41.9604	40.3138
6.86236	6.47517	9.41494	6.66255	8.9299	7.55313
29.2761	29.8824	34.5827	31.2125	31.9128	27.4297
13.3232	14.8184	13.9699	16.0973	12.5541	13.2265
0	0	0	0	0	0
0.427898	0.473996	0.59043	0.371426	0.272208	0.239826
51.9881	53.9176	51.1532	53.7432	43.0286	49.727
0.240417	0.171204	0.0865401	0.117387	0.0372021	0.144373
14.0561	11.1769	10.7324	12.4516	10.3995	11.1233
0.278472	0.377209	0.488118	0.275877	0.65573	0.407157
2.9903	3.2125	3.05284	3.40679	2.90396	2.68736
6.68107	7.38927	9.39041	8.80095	8.8877	8.67102
15.6058	13.7642	14.2611	13.3345	17.0824	16.3075
0.112226	0.069928	0.388818	0.0639286	0.0911707	0.0235874
1.14299	0.979271	0.840001	1.0309	0.928548	1.041
1084.7	977.075	939.872	756.757	1089.54	1160.65
1.62617	1.5199	1.44617	1.24419	2.33131	1.51458
0.0467083	0	0	0	0	0
2.72581	3.1809	3.33755	2.69481	3.48015	2.10031
22.8593	24.9671	17.6465	17.5169	16.0866	16.8189
29.297	33.207	29.3633	32.362	31.1289	31.4749
5.71142	3.89017	4.16229	4.22933	5.69684	4.15973
0	0	0	0	0	0
0	0	0	0	0	0
0.238144	0.205113	0.0859584	0.472963	0.176378	0.213199
3.3058	4.73898	3.59318	4.18471	2.41059	2.65207
0.198506	0.247378	0.250088	0.339231	1.07509	0.834431
0.0214033	0.0800678	0.188968	0.0487994	0.0927388	0.0539644
9.53996	9.4625	9.68115	7.72189	8.17936	8.92801
25.8565	28.1567	20.4747	22.112	16.62	19.5156
5.8881	5.94475	5.65287	6.29569	6.82125	6.30025
66.5488	68.943	78.054	66.2697	82.2247	74.6873
3.3034	2.9059	3.18256	2.14003	4.56042	3.32176
2.57593	3.64105	2.25655	3.41999	2.97863	2.95733
0.981689	1.43123	2.03198	1.43618	1.96638	1.49491
0	0	0	0	0	0.0366126
5.6907	6.46792	7.26882	4.28332	6.36673	6.74036
9.70784	12.1156	10.0964	15.5845	7.2158	9.40606
0.0575287	0	0.0724778	0.131083	0.0623139	0.0483651
9.2633	8.18481	10.8882	10.2855	10.081	7.76767
34.3459	42.0394	37.105	41.6188	36.6821	36.6631
0	0	0	0	0	0
6.48189	6.02258	7.72141	5.81491	8.3197	6.1568

11.7548	10.9136	11.4055	9.36876	9.74492	9.56513
5.22961	8.09242	6.69242	6.8318	4.22178	5.09187
6.1445	4.84637	6.17334	6.0699	4.80214	4.80611
28.4665	28.5187	31.9278	40.7656	34.0496	36.2388
0.576499	0.299347	0.0605254	0	0.0260188	0.0201946
31.1094	34.9624	32.8997	34.822	31.825	36.5241
3.85226	3.79589	4.46954	3.30692	4.89078	3.43447
0	0	0	0	0	0
2.6516	2.34507	4.76848	3.98323	11.2107	6.01353
2.98825	2.05493	2.72715	1.5256	3.7984	1.55867
94.6666	113.04	74.5682	87.4469	61.3993	77.6084
7.58573	8.07126	6.11978	4.87708	5.98234	6.4893
0	0	0	0	0	0
15.762	14.9376	15.2813	16.9377	18.9898	19.7966
4.59151	4.97249	5.94098	4.99177	6.17284	5.14418
0	0	0	0	0	0
21.2381	19.7859	20.5656	18.4016	22.074	19.9642
0.181583	0.614404	0.326919	0.206925	0.140524	0.23993
0.598459	0.351847	0.501133	0.338819	0.652167	0.503298
0	0	0	0	0	0
0	0	0	0	0	0
16.7635	16.4758	18.6062	15.5501	20.8386	19.3252
0.389745	0.809499	0.81837	0.88806	0.844328	1.31065
2.35277	2.72259	2.11725	5.04184	1.51695	2.44896
6.91045	7.47483	7.44277	6.43558	9.00746	6.0486
1.67327	2.39234	3.0656	2.28858	1.98876	2.8296
4.90505	3.7236	6.61193	6.13457	3.57352	4.51782
0.267846	0.429343	0.308118	0.367555	0.462195	0.589948
9.39633	9.55084	10.9357	10.1757	11.8793	9.01248
0.18906	0.117803	0.119094	0.0538483	0.204786	0.178814
9.9879	9.24491	9.89373	9.09454	11.3885	10.634
58.6242	57.9909	59.5043	50.2576	51.0955	55.5807
117.765	126.133	140.958	121.317	141.508	121.057
7.49251	6.53359	4.8858	3.94856	2.67905	3.43644
2.90479	3.96768	5.51108	4.43579	5.41829	4.80917
0.0085052	0	0	0	0	0
0.536201	0.375103	0.871755	0.461741	1.48517	0.808746
3.31465	1.63136	1.32735	1.41339	0.660484	0.170879
0	0	0	0	0	0
36.3421	35.3653	40.4761	30.3856	38.7876	31.6712
0	0	0	0	0	0.0610435
14.9699	14.0138	16.3193	17.2171	18.4251	16.9135
2.31193	1.73884	1.85795	2.27046	3.02212	2.1447

0	0	0	0	0	0
65.0493	51.5722	41.6359	40.1804	37.4305	43.0318
0.100593	0.438757	0.190099	0.343812	0	0.211425
8.71719	9.02987	9.03614	10.0466	9.82077	7.60695
0.269899	0.240063	0.19203	0.175992	0.240662	0.242707
8.813	9.62406	9.84398	9.78173	10.9238	11.3048
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
6.71719	7.07838	6.84481	6.58364	8.45291	8.31867
0.381239	0.308173	0.376456	0.270128	0.424111	0.337837
5.98621	6.48956	7.42541	5.99475	9.9487	6.90177
4.42768	4.1139	4.662	4.3783	5.71501	3.89025
0	0	0	0	0	0
0	0.0507952	0	0	0.0441505	0.0685351
13.9296	14.0037	17.0596	11.2429	17.5897	13.0414
0	0	0	0	0	0
12.0491	12.1797	10.7638	11.5515	10.2756	10.5325
2.52079	2.47924	2.8489	1.91459	3.43985	2.58674
13.1575	5.08876	13.9398	7.20331	22.5432	11.7631
1.2147	1.72255	1.37203	2.00425	2.72222	2.85235
0	0	0.168235	0	0.12857	0.0997897
0.116557	0.0871515	0.117475	0.0265582	0.101001	0.0979905
82.2943	84.6959	73.6164	73.655	72.2593	74.4017
7.32514	4.50841	6.67366	5.23604	6.98733	5.24992
0	0	0	0	0.0425472	0
0.0335402	0.0208989	0.0422558	0.0382118	0.018165	0.0140988
32.8686	38.0166	33.7208	36.0774	31.9466	33.6886
7.47642	7.18754	7.97429	6.32269	7.32789	5.82362
60.189	60.3823	54.8185	54.7327	47.131	48.7552
0.282949	0.176305	0.200517	0.161179	0.312869	0.178409
0	0	0	0.132539	0.126012	0
2.60778	2.38246	3.95139	2.79033	4.84778	5.14027
1.96564	1.85932	1.32772	1.36254	1.73153	1.25434
5.18218	4.80689	5.89558	5.83598	6.84861	5.96126
0.0688137	0.0428777	0	0	0.0372688	0
2.8775	4.07763	5.20638	5.45208	4.16562	5.25622
12.4636	10.5361	10.5516	7.64244	17.5848	14.416
0	0	0	0	0	0
19.4861	19.8414	20.924	19.3103	22.9566	23.0466
1.57408	1.16471	1.70424	1.40104	2.15791	1.17861
0	0.187346	0	0.0856365	0.0814194	0.126388



0	0	0	0	0	0
0	0	0	0	0	0
31.4028	21.0501	32.2807	30.4641	29.0429	31.6686
2.26704	2.9059	2.20331	2.43521	4.0693	2.28711
0.0178178	0.00760264	0.0361118	0.0079433	0	0
70.8084	67.7524	74.6988	62.5278	72.7838	68.06
49.0005	41.2238	40.9072	46.58	34.2792	43.7104
0.247101	0	0.103771	0	0.0892183	0.138494
7.4946	7.83827	8.55449	8.25928	8.87007	7.70002
20.7142	18.7972	20.6198	19.5051	23.2099	21.0659
5.05136	4.75095	6.00376	5.68254	8.29333	8.17298
8.13708	7.60193	5.95096	5.8632	9.02112	7.06461
34.0148	35.6053	35.7353	38.412	35.7369	38.1558
14.5753	13.7597	18.3944	15.7687	19.0376	16.3698
0	0	0	0	0	0
0.48764	0.972315	0.982969	0.611116	0.475382	0.655944
4.78674	4.12072	6.07028	4.84353	4.40035	4.60673
53.188	48.759	67.0132	52.0349	75.8022	56.5101
0	0	0	0	0	0
0	0	0	0	0	0
1.12496	0.495684	1.25161	1.11354	1.30854	1.27817
22.763	23.5105	19.1931	24.6217	18.3244	24.8708
22.8091	22.3835	24.6357	24.4013	22.4285	20.4515
102.929	100.765	99.8229	93.5596	77.2223	83.4773
0	0	0	0	0	0
9.56704	9.13208	9.5675	10.2574	11.2956	9.17522
11.8745	12.177	11.1146	7.20951	8.7697	6.52497
0.842638	0.875079	1.5924	0.960003	0.456364	1.00359
52.1208	57.3755	44.7436	33.3506	15.8916	26.7791
0	0	0	0	0	0
3.20063	1.22229	3.86419	1.84483	3.9358	1.79992
28.5513	30.4277	30.5763	27.5664	28.8656	29.9911
0	0	0.130981	0.0789641	0.0375378	0.029135
0	0	0	0	0	0
0	0	0	0	0	0
22.7539	24.1587	29.0731	24.7549	26.418	25.2567
3.97034	5.06752	5.44572	5.52939	4.23124	4.68369
0.0647796	0.0106748	0.00616673	0.117108	0.0800821	0.0209185
0	0	0	0	0	0
0.254275	0.528129	0.213566	0	0.367234	0.285029
229.501	203.283	192.828	230.718	147.484	215.946
63.9247	42.7091	45.1859	41.7096	58.2549	47.87
5.61619	4.65867	6.43069	5.55163	7.23841	5.67862

3.67828	3.75044	2.61195	5.40969	3.04251	3.20483
2.35275	3.39122	3.14268	3.26175	1.93437	1.57286
1.13963	1.49666	1.18178	1.12859	0.788199	0.714922
0	0	0	0	0.168103	0
11.2076	11.5209	10.8481	17.3875	7.14483	8.08134
0.0478726	0	0	0	0.155564	0
0	0	0	0	0	0
27.3	34.3247	21.4126	37.2196	14.7948	19.9423
0.0404378	0	0	0	0	0.0339966
1.73129	0.413895	0.39161	0.553196	1.27887	1.76375
0.119408	0.0992041	0.0501456	0	0.0862269	0.167313
0	0	0	0	0	0
0	0	0	0	0	0
1.83686	2.40648	1.2461	1.74392	1.40296	1.84125
0.455445	0.567575	1.0478	1.0152	0.92231	0.832387
8.76539	8.90421	10.6478	10.9091	13.0447	11.0607
0.0129542	0.0645813	0	0.0664231	0.0140317	0.0435679
1496.57	1707.16	1450.7	1502.26	1421.55	1560.9
0	0.100491	0	0	0.17469	0.0677932
25.1486	21.6865	16.2791	16.7702	14.1244	17.3891
0	0	0	0	0	0
0.146996	0	0	0	0.077987	0
259.706	275.761	382.877	422.935	378.129	475.253
73.8907	40.8734	68.5521	66.1433	83.1676	45.1118
50.4378	48.0026	47.8968	47.045	45.6644	42.0448
2.63926	2.21761	1.93963	2.36904	2.51227	2.28609
130.791	145.32	122.899	140.936	122.916	149.574
0	84.8911	343.285	155.216	73.7862	0
38.6965	45.0866	44.1049	47.1224	42.4693	45.5634
2.75752	0.943521	3.40917	1.4323	3.53692	0.777038
11.4854	10.139	6.78587	5.33716	9.16813	6.77338
13.3664	14.5979	12.3624	16.3757	13.5955	14.1394
0.0214058	0.0533519	0.0809047	0.0731619	0.0231864	0.0359923
4.14572	4.86689	3.63339	3.65531	2.86355	2.81859
0	0	0	0	0	0
0	0	0	0	0	0
0.670005	0.898327	0.637808	0.39428	0.431843	0.290951
10.5097	10.5384	10.9945	9.92912	10.7453	10.2833
2.34242	2.00079	7.87832	4.68732	4.7841	2.66062
0	0	0	0	0	0
7.06896	4.80013	3.3758	4.1163	3.80523	3.68142
30.1149	30.533	29.6939	23.3865	30.185	26.3588
0	0	0	0	0	0

8.15125	8.57034	6.95557	7.7102	8.13183	8.43074
0.0195019	0	0.0368543	0.0111091	0.021124	0.00819774
15.8687	19.0976	17.2627	16.621	11.4895	14.2738
0	0	0	0	0	0
7.20913	6.94129	8.42082	7.1254	10.1187	7.26494
21.7128	14.9962	13.6775	24.588	21.9604	34.8589
9.19469	8.93064	10.183	8.23483	10.071	7.39249
27.9184	24.0613	32.5535	26.1531	25.0336	22.4299
0.428713	0	0	0	0	0
7.4846	8.05611	8.72269	7.27779	10.0407	9.48682
4.53494	5.41013	5.41494	4.89672	4.8924	5.33334
29.6989	32.6125	30.0844	33.0227	23.9541	22.443
2.99691	3.8134	2.75656	2.91936	2.67943	2.67953
0.671921	2.24E-05	0.832484	0.889778	0.606629	1.13388
85.3933	91.1895	93.7459	106.805	100.919	114.79
0.754534	1.06696	1.01191	0.273119	0.415471	0.626447
46.6736	45.9907	37.5334	39.7816	39.0656	41.9971
0.132912	0.165635	0.16745	0.757122	0	0.111741
4.93705	5.06692	5.8993	4.18866	6.7853	4.83783
0	0	0	0	0	0
3.63209	3.61356	4.70791	3.65589	4.80409	4.55436
6.09401	5.9808	7.34823	5.27224	7.90162	5.63838
0.0462876	0.00760264	0.0447493	0.0781734	0.010573	0.00820625
18.3959	18.8887	20.0634	16.8307	19.829	17.5858
0.23895	0.238011	0.385112	0.33194	0.325838	0.21276
0.110654	0.230888	0.090866	0.0894168	0.0725758	0.0636502
21.7762	23.7322	21.556	22.223	21.4018	21.8065
6.71007	6.30957	6.45556	6.67171	4.88952	4.154
263.426	282.715	198.889	489	138.822	243.936
0	0	0	0	0	0
0.232149	0.301466	0.214968	0.0952134	0.0905247	0.0790438
32.9242	32.8228	32.4147	35.7014	32.7188	33.2207
1.63634	1.90764	2.66006	3.90891	4.40252	5.5915
13.8435	14.0351	13.0402	13.3754	10.8518	9.88954
0.917947	0.953287	1.63835	0.784351	0.966682	0.728856
2.03004	1.73429	1.86589	1.54186	2.50315	1.34173
1.0666	1.59504	1.56772	1.41769	0.924257	1.34506
2.75984	3.16384	2.94063	3.01148	3.15387	3.42992
0.231082	0.0411391	0.103975	0.188048	0.643637	0.346917
2.75708	3.04647	3.77455	3.14109	2.7475	2.79694
167.413	169.341	144.408	148.965	143.218	165.403
0.169304	0.464288	0.767875	0.154308	0.293419	0.370138
6.81442	7.69599	9.17541	8.34582	7.48123	5.81848

0.470116	0.246677	1.02869	0.648352	0.750429	0.624051
3.47843	2.93366	4.53725	3.02222	3.15883	5.46471
48.2152	48.2951	46.5861	46.9288	37.01	42.0634
23.1718	24.148	20.7522	24.3222	19.6589	25.4311
2.90133	3.26289	5.17085	5.29408	1.81406	1.58646
14.514	14.6391	13.8632	15.1313	13.719	11.8792
0.0745575	0.0929135	0.187863	0	0.0807592	0.0626814
3.56528	2.84582	4.13546	3.56757	3.91898	2.49119
0.0546181	0.117432	0.068662	0.056014	0.134802	0.0831137
0	0	0	0	0	0
37.8637	44.3724	41.2389	44.5403	38.0122	43.3922
123.724	109.334	145.326	109.847	99.8152	79.008
0.11773	0	0.148323	0	0.0637613	0.0247442
0.841633	1.30336	0.538452	1.57612	0.513623	0.52814
56.604	58.6938	65.533	61.7999	51.81	48.0295
0	0	0	0	0	0
41.0854	46.4896	50.6963	49.2673	60.9463	81.3345
26.3223	26.2885	37.0591	31.1134	30.8138	33.596
0	0	0	0	0	0
0	0	0	0	0	0
2.97053	2.25637	5.41184	2.86857	4.50466	1.83139
0.229266	0.571423	0.577684	1.25376	0.248336	0.424043
1.11367	1.28009	1.30774	0.960867	1.5811	1.22716
0	0	0	0	0	0
7.6517	7.13871	9.79708	6.80353	11.1816	7.14154
156.175	165.087	141.471	141.991	114.477	114.724
55.4373	59.5083	53.1245	59.8899	47.395	57.5047
18.4392	18.0009	23.5508	20.5329	23.3794	20.9531
3.01028	2.70593	2.85993	2.86733	2.1916	2.73822
0.169503	0.084494	0.427099	0.270357	0.293764	0.142504
8.66487	8.83134	7.75849	8.81405	7.97777	7.64889
0.158561	0.126463	0.363659	0.404647	0.278235	0.127972
0.801367	0.399465	0	0.54779	0.34721	0
22.9264	28.5709	0	0	0	19.2745
3.16841	2.32115	3.88972	2.88316	6.84199	4.10196
11.5162	10.7296	10.3791	10.6057	13.6103	11.7762
17.6193	15.6049	19.3453	16.6378	24.3018	18.7854
0.0982339	0.0816126	0.12376	0.111916	0.0354683	0.0550576
0	0	0	0	0	0.0735582
13.1597	15.0863	16.8773	12.2447	15.7397	11.7307
1.32039	1.89862	0.83175	1.62001	2.14533	1.40893
289.735	301.921	261.732	265.076	248.744	261.09
1.12079	1.17079	0.809843	1.52101	0.874808	0.969977

0.231536	0.4809	0.226879	0.0879285	0.222929	0.389311
0.0649918	0.161985	0.16376	0.074044	0.422387	0.163918
5.76016	5.25777	6.68401	5.0082	6.62237	4.84264
0.0620252	0.115944	0.13675	0.105996	0.0335922	0.039109
8.5917	9.36781	7.93283	6.53227	8.01963	6.12594
0	0	0	0	0	0
0.0572202	0	0.0180223	0.0162975	0.0309899	0
1.77199	1.4958	1.43767	1.31674	3.30542	1.96444
3.80947	2.98033	6.10901	3.84065	6.65533	3.4764
0	0	0	0	0	0
29.233	31.0654	30.2391	28.1356	23.8241	28.5348
15.1005	15.0673	16.3071	13.7173	16.0034	15.4161
1.86968	1.61233	1.80534	1.12203	1.74676	1.07238
6.95882	7.45392	7.77017	9.7311	6.22675	6.39822
73.0754	72.0521	69.9559	65.9687	56.7042	68.2477
164.739	178.512	138.257	164.281	145.998	161.71
30.4762	30.0633	30.8292	33.5861	36.1778	34.0389
83.613	80.0433	77.3059	82.8462	79.3122	96.2379
5.48326	7.45444	4.81474	8.14001	4.49951	6.07661
18.3815	16.9798	20.1443	19.8899	18.4255	16.8178
1.46613	1.36257	1.47143	1.27399	1.615	1.31616
0.448583	0.209634	0.0706437	0.0638829	0.242948	0.424271
0	0	0	0	0	0
7.10249	7.69337	7.43792	5.63355	8.43988	10.7833
7.11027	6.93455	5.84211	4.41424	6.96501	6.48016
0	0	0	0	0	0
0.0551092	0.0826125	0.106203	0.0480197	0.17146	0.138993
130.28	145.625	190.804	229.459	154.884	138.324
12.7582	12.2174	8.66783	8.42497	9.02373	12.1919
16.0827	13.9979	17.9127	14.3878	23.0054	17.1282
1.13867	0.548121	0.675638	0.63551	1.78955	0.785416
9.1802	9.83022	11.6942	9.06433	11.2696	11.6626
0	0	0	0	0	0
1.44985	4.51474	2.9911	3.43559	5.03519	5.94288
7.26815	6.71529	8.9891	7.09059	8.3099	6.5416
783.84	531.964	1077.65	587.144	951.217	693.784
8.07538	6.82494	9.65743	7.25281	11.1842	8.64397
7.82373	7.71869	6.64367	7.03463	5.87817	5.91654
17.9741	21.1509	17.0476	14.4663	17.1036	15.5844
0.0181088	0.00451344	0.0365032	0.00412622	0.0392302	0.021314
83.4195	91.8222	84.8249	80.2464	74.2354	88.2202
20.3794	9.98613	18.9447	12.7924	15.8862	17.4659
26.1318	29.6378	27.2236	31.479	28.2994	36.0638

1.12262	1.35962	1.11568	1.69316	1.37008	1.5285
0	0	0	0	0	0
0	0	0	0	0	0
23.4382	18.4326	28.9911	25.4712	29.3623	30.968
3.17215	3.00379	4.56836	4.14517	6.18889	5.30649
0	0.319477	0	0	0	0.323289
6.52605	5.82411	6.15315	5.6722	7.62756	6.36261
0.63686	0.465245	0.332007	0.150117	0.666046	0.387715
4.28063	4.28796	3.60021	2.93674	4.18186	3.34382
0.0224572	0.0279861	0	0	0.0729754	0.05664
56.0602	54.8817	61.0503	52.7331	49.0005	52.2623
27.2544	24.3583	19.731	19.7536	17.3835	20.2285
39.7661	42.0145	50.4369	52.6268	57.7508	67.6742
0	0	0	0	0	0
84.8158	85.7687	85.7461	74.7942	88.1066	85.356
0.663943	0.419305	0.34692	0.280002	0.282109	0.273594
3.04992	3.12089	4.1968	3.48067	4.19163	2.94835
4.82259	5.01572	5.76438	5.71013	4.25783	4.83656
0	0	0	0	0	0
0	0.00651062	0.0131639	0	0	0
0.0648991	0	0.0408817	0.221815	0.0351487	0.0545615
38.7587	40.1366	40.9726	38.4546	45.7296	38.5115
590.293	679.8	602.844	632.091	519.531	657.553
0.0871297	0	0	0	0	0
32.6203	48.5134	31.2317	50.3691	29.1432	34.4233
4.818	4.01232	4.64402	4.18215	5.12764	3.87696
0.194313	0.244598	0.289316	0.383562	0.402824	0.431229
9.17872	3.01777	6.19759	3.38039	12.4756	6.73025
0	0.03006	0	0	0.0783833	0
52.2299	61.931	70.2004	62.5436	73.3081	86.1773
0	0	0	0	0	0
0	0	0	0	0	0
1.37089	2.15421	1.30405	1.84291	1.60601	1.75182
32.9379	19.0952	28.8678	17.8807	30.8126	20.7253
0	0	0	0	0	0
0	0	0	0	0	0
83.5381	85.9771	85.3073	77.4962	60.9131	68.4204
0.665031	1.82425	2.46905	2.12441	4.88851	4.45835
15.3057	13.9382	17.5297	14.0448	21.0287	17.0093
2.47482	2.40712	1.74907	1.37538	1.24226	1.87763
0	0	0	0	0	0
60.4167	42.8213	48.7575	34.2249	90.1342	43.1052
496.223	577.309	542.549	571.772	453.992	568.684

0	0	0	0	0	0
0.0878762	3.01162	0.193745	98.0635	0.356946	2.34568
44.6449	231.647	0	247.743	44.6484	20.3306
5.99776	4.98516	5.68747	5.25908	6.91429	4.62369
6.41544	6.08666	5.98705	5.65474	5.84809	5.33805
0	0.0317481	0	0	0	0
26.3735	28.8534	30.7985	36.1436	24.5603	31.895
0	0	0	0	0	0
9.83882	6.77968	6.05191	3.36276	6.70777	5.9361
0.863318	0.57112	0.665575	0.792905	0.596584	0.763464
1.74671	1.67599	1.48019	1.62024	2.59512	2.15714
0	0	0	0	0.0409358	0
8.79131	9.03927	9.35359	7.68948	8.49535	6.23455
0	0	0.0251289	0	0.021605	0
0.283886	0.458806	0.212357	0.146552	0.288281	0.17527
18.4816	17.2513	18.8067	15.5044	20.3176	14.8171
12.9133	12.5863	15.8144	15.5543	16.4293	15.2383
1.27064	1.48451	1.30067	0.814287	2.0645	1.46884
0	0	0	0	0	0
16.8734	18.9469	15.0016	12.6505	15.1392	15.6495
0	0	0	0	0	0
0.393455	0.658442	0.692704	1.31572	0.919558	0.503343
40.3737	44.5885	43.8773	46.9889	32.3773	38.5764
4.87291	4.84116	5.13541	4.42582	5.61272	4.36671
3.05907	2.83341	3.0832	2.75045	3.37621	2.63435
4.93986	4.45783	5.18952	5.64554	4.98174	4.95149
0.863137	0.507299	0.850278	0.517349	1.20248	0.596564
2.63593	2.47317	4.53824	2.33596	4.15678	3.38392
0.0128204	0.0159767	0	0	0	0
0	0	0.0865676	0.0782828	0	0.0577673
0	0	0	0.0564155	0	0
9.11539	8.13342	8.89734	7.04011	10.8191	9.06436
0	0	0	0	0.216886	0
18.9651	22.3086	14.6326	20.062	20.9	22.4667
12.291	12.4157	12.4539	9.53405	14.808	10.2618
1.99077	2.6772	2.28193	3.02412	1.49849	2.29774
13.8312	13.5449	12.8252	11.6705	14.6216	12.5149
0	0	0	0	0	0
16.5076	16.1566	13.4591	19.2657	6.97813	10.0871
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
19.8218	17.7717	18.478	19.1491	16.5167	16.5118

0	0.0791184	0	0	0	0
3.27412	3.52816	3.04585	3.72789	3.93364	3.84579
0.120597	0	0.0759671	0.0686969	0.261256	0.101387
10.7946	8.97636	11.5349	9.18676	17.611	14.8279
35.9532	34.0875	26.8532	26.0078	31.3208	28.5698
0	0	0	0	0	0
3.40272	4.06993	4.62933	5.86176	4.79248	4.68604
5.76566	6.12581	6.96899	5.48797	8.0868	6.7841
0	0	0	0	0.0439357	0
0	0	0	0	0.0788211	0.0305886
1.67011	2.62271	2.43928	1.91982	2.27837	1.87446
26.756	28.0974	26.0775	25.8891	23.464	25.2885
0.263847	0.0897639	0.345236	0.624817	0.369354	0.511878
48.3355	52.863	39.7066	36.9044	51.741	56.3488
0.672454	68.9329	0.952151	885.315	2.26704	24.9052
8.48794	6.81991	14.9952	9.35207	10.8982	10.2578
101.27	108.369	84.239	95.2885	65.7419	80.3966
4.68193	3.59233	4.25036	3.03216	7.03252	4.11579
4.2086	4.58195	3.5251	3.63561	3.83229	3.07164
16.636	16.5962	14.5777	12.9836	14.6144	15.124
3.77102	3.3648	2.5275	2.42309	3.79059	3.90586
0	0	0	0	0.0861396	0
0	0	0	0	0	0
0.0950588	0.133278	0.15817	0.0919309	0.163636	0.205813
0.0286231	0	0.0480812	0.0326098	0.0723425	0.032085
0.151218	0.167508	0.428654	0.239278	0.145596	0.12713
0.0526208	0.0291449	0.0589284	0.0266444	0.0791635	0
0.761887	0.658593	0.77703	0.705276	0.733686	0.742974
2.26285	2.28005	1.64587	2.31688	3.1581	2.11019
8.73242	7.79841	8.60058	7.58304	10.1674	7.72407
10.1908	10.7107	7.27026	7.83342	8.31213	7.53533
0.188641	0.552194	8.90357	6.10727	8.37967	11.5674
0	0	0	0	0	0
5.83419	5.53603	6.42927	6.63319	3.94772	4.34186
18.1291	15.6269	16.388	14.5363	23.0129	21.7487
72.5297	76.7154	64.9933	79.267	56.5341	69.8919
0	0	0	0	0	0
0	0	0	0	0	0
16.118	15.9253	17.6432	14.4495	17.3806	16.8423
37.0727	34.8623	37.3786	37.0394	30.8644	32.4394
4.01795	150.6	11.5754	645.183	37.8608	126.401
2.25944	2.50286	0.527143	2.76482	0.906438	0.914594
2.84132	3.18	2.55364	3.6082	2.31315	2.31266



4.39269	4.46857	3.7657	3.61623	6.9147	14.5499
0	0.263508	0	0	0.229037	0
25.4302	25.2234	25.7318	24.4006	25.2154	24.2855
7.69661	10.4703	7.13285	8.24066	3.90652	4.25165
10.254	12.2548	9.10653	9.76711	12.9278	11.8711
0.756377	0.807343	0.673348	0.661489	0.847712	0.794202
0	0	0	0	0.00923618	0.00477912
28.1196	29.1278	29.0857	26.4125	29.3581	29.4109
6.46531	6.74279	6.29676	6.00758	7.8971	7.47858
0.0788715	0.0982896	0	0.089857	0.598024	0.198925
9.23721	7.21889	6.3365	6.046	5.90526	7.70155
0.0233586	0	0	0	0	0
6.04687	5.68328	6.00091	5.54207	6.80599	5.31088
5.42781	5.30202	19.2768	32.3118	9.95801	12.5489
0	0	0	0	0	0
29.391	29.9106	38.6127	36.6367	37.7125	39.5713
0	0	0	0	0	0
5.6698	5.93994	5.8272	5.32179	8.09852	6.48633
4.88145	4.42215	4.44791	4.14536	4.64362	4.54306
0.148251	0.288673	0	0.0422247	0.214111	0.124636
0	0	0	0	0.0251478	0
0.141826	0.0964054	0.0487309	0.0293781	0.544663	0.433581
0.349028	0.220319	0.373182	0.239678	0.292791	0.609378
0.0117963	0.0147005	0	0	0.0575203	0.06201
0	0.23143	0	0.105787	0.301734	0.0780638
14.413	14.4573	13.5703	14.9675	13.4149	15.1013
15.0659	19.2931	21.6426	23.6013	17.2946	19.7902
0	0	0	0	0	0
0	0.0672583	0	0	0.05846	0
0	0	0	0	0	0
1.03958	2.10824	0.526233	0.939027	0.767844	0.818297
0	0	0	0	0	0
14.5191	15.7873	14.1541	14.1804	12.5221	12.1844
1.11154	0.691675	1.2721	1.05021	1.42218	0.561607
0	0	0	0	0	0
28.3548	25.4396	39.5466	32.1383	46.0699	32.8736
93.9768	97.5295	87.939	86.4195	59.8332	69.003
4.88426	5.65456	4.15085	3.45727	7.41927	4.98096
0.500115	0.42283	0.58464	0.264041	0.811838	0.375501
0.233851	0.0546421	0.115085	0.0666056	0.296839	0.153595
342.78	390.412	315.19	413.775	271.752	346.555
0.661035	0.274594	0.277603	0	0.477346	0.740987
6.70853	5.66644	7.91885	4.8273	9.85769	6.71634

6.98361	5.39064	8.86399	5.28441	12.0806	5.17017
3.41979	5.43411	2.45136	3.71343	7.85507	6.03907
0	0	0	0	0	0
16.8681	16.1604	16.3169	15.537	16.0251	16.6419
0.340376	0.726933	0.904635	0.178455	0.810181	0.65551
0.394505	0.983264	0.786947	0.33709	1.46001	0.912079
0.200634	0.583402	0.674051	0.990506	0.579526	1.40563
25.9718	26.0271	21.9928	26.1034	27.4735	26.8422
0.0326654	0	0.0411537	0.0744303	0.0884563	0.12358
0.0228853	0.0394383	0.0398705	0.153163	0	0.0865813
0.838599	0.870885	1.5093	1.04639	0.865099	0.788952
0	0	0	0	0	0
5.76511	5.94064	6.44552	5.48997	7.0547	6.29895
32.7958	30.0323	27.3678	22.9511	26.0935	25.0768
1.17362	0.579981	1.28739	0.714647	2.09316	1.08024
0	0	0.0465143	0	0.119974	0.0310394
1.70077	0.712019	1.58721	1.41229	0.818466	0.608835
56.1175	54.0699	54.3316	53.8105	55.0856	55.2846
0	0	0	0	0	0
6.9896	6.4721	7.27838	4.73249	5.34318	4.63909
0.372311	0.541302	0.0781763	0.141389	0.604919	0.156503
0.166576	0.570864	0.157396	0.426999	0.180432	0.315095
21.2602	18.1676	21.8104	16.8165	12.3696	16.9545
0	0	0	0	0	0
0.53435	0.713471	0.577031	0.565292	0.206713	0.513411
26.4882	29.5987	22.107	22.3127	20.2257	24.2376
0.294774	0.314285	0.43885	0.141538	0.651276	0.595405
26.3593	26.9012	27.3904	29.166	20.3723	21.3927
0	0	0.0294284	0	0.0253015	0.0785513
5.49605	6.22787	6.25124	5.27431	5.52889	4.82019
1.49297	0.895739	1.79065	1.32428	0.488419	0.247565
3.21957	2.47138	10.0033	1.46188	7.68232	0.961186
3.72703	4.18812	2.71494	3.02646	4.99416	3.95009
11.9752	12.274	11.9735	13.9537	10.8652	12.8482
0.850445	0	0.535719	0.322966	0.767654	0
31.6517	36.1418	27.7444	29.9988	19.7953	24.2025
1.20985	0.59029	0.683342	0.581025	1.51016	0.777597
14.4552	14.3646	15.0106	13.7721	16.686	14.2999
7.36512	8.61183	7.76112	7.30324	5.63859	6.6315
9.26419	6.284	5.08229	3.60725	6.04627	2.9971
0	0	0	0	0	0
14.0011	13.881	13.3648	12.769	14.6383	13.3381
1.69331	1.14158	1.46884	1.04364	1.05238	1.1202

0.163601	0.0679599	0	0.0621293	0	0.0916943
11.0043	11.9271	10.193	11.8151	10.709	12.3761
17.7232	17.6278	19.9979	17.9479	18.5868	19.1222
15.3706	16.6351	13.7242	14.9023	17.4759	14.4486
24.5063	19.4933	16.8153	11.9786	15.9418	11.5284
4.8974	3.04732	2.41111	1.74728	4.59331	3.69414
117.411	106.623	118.456	113.3	117.483	122.021
3.91991	4.37453	2.85275	2.94E-05	3.90E-09	7.69E-23
0.100402	0.125121	0.168656	0.0762578	0.0725025	0.112546
11.2447	12.9177	15.0368	13.5392	14.9128	14.7034
0.130045	0.105341	0.131071	0.111119	0.22538	0.169463
0.094878	0.236474	0.119532	0.0540464	0.20554	0.558355
319.153	356.417	333.805	349.079	268.497	300.962
0	0	0	0	0	0
15.4281	16.8694	15.1386	15.4644	11.7703	14.7478
10.1018	9.42711	9.68262	8.40658	9.41194	8.94581
0.0615217	0.0766683	0.155017	0	0.266556	0.103444
0.106796	0.133089	0.134548	0	0	0
32.8247	33.4493	35.5986	35.5331	39.9969	43.5065
9.61613	8.30687	8.40399	7.45933	7.87411	7.99986
0	0	0	0	0.0774772	0
320.857	305.116	358.194	378.876	283.86	307.764
0.345465	0.704484	0.63307	0.572483	0.612328	0.448857
0.042348	0.158322	0	0.144739	0.0458705	0.106807
7.3894	6.90958	6.67817	6.12182	6.73555	6.28748
6.36673	7.37685	6.95288	7.71638	7.20972	7.8113
11.0629	9.08538	14.9255	9.65804	15.5183	9.87084
4.16818	2.60109	3.51743	2.52688	6.62512	4.18214
0	0	0	0	0	0
18.4735	20.2343	16.1769	18.2462	13.4597	18.1542
65.7662	72.4801	61.524	67.6012	63.7787	71.2245
53.5582	52.1781	22.9048	25.5711	40.1746	54.8739
8.99297	8.92207	8.9649	8.92751	7.84957	7.52376
0.765591	0.857288	1.13228	0.758456	0.336516	0.503719
2.13175	1.88606	1.58459	1.76862	1.01334	1.59195
0	0	0	0	0	0
19.2805	20.1892	22.0338	18.5645	21.9055	21.7181
18.9872	18.3852	18.486	19.9631	16.2013	19.0747
0.210088	39.1407	0.397019	487.853	0.341344	13.6001
14.9247	14.837	16.093	15.9716	21.8069	15.7833
0	0	0	0	0	0
0.809778	0.807316	0.816162	0.369027	0.526281	0.340395
155.011	151.204	174.732	116.255	188.042	139.151

1.0326	0.994369	1.0644	1.06948	1.47438	1.26272
198.103	205.567	208.384	216.509	184.135	192.627
0	0	0	0	0	0
0.191824	0.033201	0	0.136588	0.235676	0.13999
55.4513	53.6431	49.0961	45.5787	46.0063	56.4773
7.98436	8.12769	10.0657	7.87919	12.6763	11.1932
0.173914	0.0722437	0.0973804	0.242167	0.0627933	0.0487371
15.1867	14.0087	14.9076	12.0755	15.4718	12.6702
0.157431	0.174392	0.826419	0.079715	0.227369	0
0.0597357	0.0744425	0	0	0.0647045	0.100441
3.03954	2.75203	2.45203	1.74395	2.98472	3.62177
34.1063	34.9983	34.3677	29.5841	34.0046	33.2604
23.1122	23.8775	19.3269	19.6971	18.46	21.0997
1.91005	2.38031	0.267377	1.69252	1.60917	1.24896
0	0	0	0	0	0
0.330999	0.309368	0.364884	0.282826	0.179266	0.278275
6.01951	7.02101	6.04538	8.85919	6.70586	6.66353
0	0	0	0	0	0
0.0963225	0	0.0303386	0	0.187804	0.0809795
0	0	0	0	0	0
2.54812	2.40006	3.06094	3.71317	2.0861	2.39133
4.34211	5.12003	5.24005	5.34792	5.84256	5.13669
47.2394	50.6169	46.7219	53.819	48.0387	59.0828
7.71523	7.2097	17.4071	11.6911	11.0903	8.82932
4.64705	4.6144	6.00832	4.51466	6.54098	4.25024
0.362791	0.173888	0.56254	0.222558	0.36274	0.445773
22.0481	21.3485	15.0663	15.3012	18.5425	23.2754
0	0	0	0	0	0
27.6437	29.1243	28.3019	30.0731	28.2179	27.6916
2.28811	2.14695	2.21666	1.82232	1.95922	2.60623
0	0	0	0	0	0
2.27198	2.04995	2.21089	1.4586	2.77429	1.68456
33.7941	30.5411	30.6646	28.723	28.6885	25.4516
1.79328	3.06656	2.10165	6.74693	0.813118	1.22715
57.3762	56.4362	53.5573	59.1397	61.2844	68.7685
5.54644	5.68778	5.53628	4.96896	4.66245	4.50069
17.1109	18.7566	7.75924	4.40031	12.4945	12.5914
2.08139	1.50243	3.06645	2.66932	3.3017	1.88372
0.0284429	0	0.191121	0.127176	0.123238	0.0239123
16.6714	23.9297	20.986	25.4444	15.9625	12.5903
9.89618	10.8003	10.5774	11.0076	10.8273	10.0509
629.582	561.048	632.526	703.231	545.363	579.466
1.46072	1.29271	1.33355	1.59182	2.65997	2.06454

1178.96	1420.71	1074.35	1217.09	1107.81	1278.97
15.5883	14.1972	18.5325	17.4259	18.2722	16.9712
0.891645	0.838156	0.731093	0.909898	1.09867	0.646501
30.2511	34.5783	29.2582	38.9279	32.0237	40.169
9.49725	9.92976	11.83	11.1563	12.7864	11.3978
0.660757	0.640449	0.369981	0.878254	0.795242	0.894982
6.46427	6.13144	7.54197	6.6786	7.5926	4.95033
0.536404	0.850775	0.614356	0.83334	0.739483	0.491958
0	0	0	0	0	0
32.6093	37.3009	34.2158	41.6181	30.4534	37.0626
19.2265	19.7994	19.094	19.0517	20.0961	21.7161
0.317909	0.181331	0.134123	0.143275	0.179324	0.094281
27.3682	24.9581	26.5528	23.254	30.7252	28.9653
11.0424	12.3474	10.272	9.6322	9.65704	9.22388
0.0516833	0.0966115	0.162784	0.0883228	0.195938	0.217254
8.58186	8.59912	9.42388	8.41188	8.13373	6.9955
0.142817	0.272531	0.033735	0.137285	0.11602	0.140705
2.6418	2.53433	2.71392	3.15704	4.39093	3.22081
0.144712	0.27051	0.410211	0.082434	0.208999	0.0709691
3.82478	4.25802	4.85079	4.44466	5.68962	3.88008
0	0	0.0754146	0.340986	0	0.0503249
0	0	0	0	0	0
0.805562	0.729613	0.560955	0.522963	0.695042	0.437138
6.31096	6.11843	7.38857	6.98893	7.54423	6.12599
0.022249	0	0.0280305	0	0	0.018705
5.32117	5.45757	5.87348	5.41853	2.55035	3.52343
335.953	336.104	280.645	269.585	205.943	248.428
0.370224	0.115343	0.583035	0.84358	0.300764	0.544691
0	0	0	0	0	0
5.35046	7.81943	3.86064	3.82366	5.21609	4.66176
0.205253	0.0735277	0.254596	0.140305	0.277052	0.084115
31.4536	45.6304	44.2611	60.5764	28.8498	38.4447
4.8585	7.70453	0.952567	1.49116	1.60089	1.84013
0.361235	0.300114	0	0.137183	0	0.303695
0	0	0	0	0	0
14.4357	14.859	16.8032	13.3541	15.7185	13.4947
0	0	0	0	0	0
11.2559	12.3191	12.2521	10.3486	12.1764	9.68361
6.92E-10	0.0568247	0.0666436	0.0407926	0.0493913	0.0127784
1.64079	2.64327	2.14983	1.66246	1.51663	1.81812
56.0437	50.6249	40.5743	31.824	31.5984	37.4383
53.7199	52.1298	41.8026	37.2794	39.4083	44.4688
1.84535	1.13098	1.37205	0.965022	2.19545	1.9329

1.24365	1.31921	1.72487	1.25966	1.87182	2.21154
15.4503	17.3881	18.1789	19.4633	14.9661	15.9648
0	0	0	0	0	0
13.1157	13.4976	14.6316	16.027	16.3147	16.1485
0	0	0	0	0	0
0.48204	0.700837	0.581995	0.434767	0.652669	0.320828
0	0	0	0	0	0
46.7466	64.5248	63.5007	72.7255	82.256	113.43
77.8974	84.8955	73.2843	88.2861	105.154	131.289
0	0	0	0	0	0
39.3587	42.5848	41.5626	42.885	37.8425	36.4401
0	0	1.23995	0	0	0
40.5087	42.1572	45.6542	41.1819	54.9731	48.5842
0.104853	0	0	0	0	0
0	0	0	0	0	0
0.72129	0.434962	0.618371	0.483071	0.280048	0.244653
4.94094	3.77534	2.40816	1.15048	1.99232	2.72885
13.8107	12.3275	14.7435	12.9998	9.63873	12.164
0.623501	0.811562	1.48322	0.139613	1.20888	0.676177
7.42654	6.36783	6.25457	6.41673	7.61028	5.73589
11.5746	10.8726	5.61909	5.96012	4.83835	4.86687
1.67366	1.07375	1.08458	0.940803	1.66745	1.53331
12.7695	17.6624	33.1115	51.4303	31.1212	26.5841
0.119344	0	0	0	0.0588286	0.491473
3.48745	3.65264	3.91975	3.07141	3.43798	4.09154
0	0	0	0.12258	0	0
0	0	0	0	0.0685421	0
15.5342	14.8529	17.7523	12.2761	18.4362	14.5375
1.8104	1.74043	1.80295	1.0411	2.03569	1.50753
0	0	0	0	0	0
9.98258	8.71935	12.0846	8.51815	12.5049	8.08468
14.2157	13.627	15.0053	14.0604	15.3309	14.771
0	0	0	0	0	0
0	0	0	0	0	0
30.006	29.3475	32.8451	26.9903	31.3825	27.6705
6.60621	5.92427	3.36902	4.1616	1.704	2.24817
1.97484	1.73797	2.95921	0.327588	1.44592	1.00033
1.84442	1.82293	2.57733	2.77667	2.06553	2.22955
1.99932	2.02102	1.70734	2.10063	1.90094	1.58753
28.3724	29.7064	29.0064	28.4824	28.5912	36.7571
1.82076	3.63765	4.47855	15.0803	3.72529	4.6165
3.27773	3.39391	3.92704	3.35901	3.90715	3.35674
1.99778	2.75912	3.64519	3.74856	4.19302	4.5171

58.2204	57.7675	35.3728	36.2795	48.4418	46.2218
9.72387	13.6816	10.6421	15.2818	8.92471	9.60361
24.1867	25.2436	22.0171	24.1516	28.7088	28.1773
182.94	194.764	195.307	177.786	183.699	187.705
41.1669	33.679	36.5479	38.6541	50.1915	42.88
0	0.0368671	0	0	0	0
0.888857	1.1975	0.317789	0.520014	0.75462	0.979533
5.4696	5.67264	6.47467	4.72584	5.52701	5.40075
0.487018	0.606921	0.531762	0.22194	0.527527	0.600514
66.2628	70.701	78.6829	75.0638	82.008	78.1531
12.6818	13.519	13.3725	12.5481	14.1998	12.0756
0.825082	1.3174	0.454774	0.616876	1.42435	0.67198
21.2553	20.975	18.821	17.0759	19.8971	19.3422
0.745495	0.704268	0.87862	0.424665	1.09404	0.717726
0	0	0	0.0201685	0	0
0	0	1.03457	0	0.592994	0.69038
11.3564	10.2638	9.49584	10.2031	9.81322	10.6684
18.1923	18.6391	15.6131	16.5184	18.9782	21.0684
0	0	0	0	0	0
1.24855	0.853256	1.57299	0.734167	1.5269	1.15125
0	0	0	0	0	0
0	0	0	0	0	0
8.95601	8.68771	7.30729	6.64116	6.2433	7.70913
0	0	0	0	0	0
82.5412	73.13	75.6368	66.2005	54.1061	63.5893
42.341	44.1368	41.4067	42.3218	33.5321	38.5836
0	0	0	0	0	0.0686581
3.95782	3.19951	2.2043	2.40245	3.21816	1.76259
1.05718	1.19769	1.45297	0.437973	2.29023	1.85836
11.5812	11.8469	11.8816	13.9894	11.1552	15.6037
0	0	0	0.189448	0.720475	0.419399
0.330145	0.37004	0.332529	0.132342	0.107211	0.0693436
12.4778	11.476	13.3245	9.98025	15.5523	12.8254
0.279384	0.757152	5.67E-29	1.29853	0.328381	0.363371
105.062	129.081	112.102	118.33	100.797	108.763
2.59579	2.12421	2.28487	1.95954	3.11617	2.2885
118.924	107.852	135.159	127.817	160.381	145.183
0	0	0	0	0	0
9.54969	9.8007	12.056	11.3005	9.48527	9.55756
1421.25	1622.86	1468.8	1437.37	1324.64	1520.7
2.68091	2.9273	2.83071	1.89076	3.15281	2.66171
14.3246	14.7979	13.9134	13.542	14.0522	12.8416
0	0	0.0631862	0	0	0

0	0	0	0	0	0
1.36407	1.06027	0.988487	0.525184	0.351941	0.126926
7.76398	8.30223	5.49866	4.92319	8.3318	7.33862
17.5523	16.6156	16.9792	14.4536	15.4316	14.704
0	0.076476	0	0	0	0
79.4542	74.6557	62.5297	68.851	49.5947	54.3953
11.3074	10.6884	11.7906	10.7307	12.287	9.59727
1.33555	1.04533	1.5032	0.805592	2.71859	1.77977
45.799	44.6961	51.3005	45.8754	45.9553	39.8178
4.10694	6.81271	8.05296	6.17557	6.83979	3.09122
42.9286	48.1316	36.5002	39.0253	30.0509	38.4752
10.3023	10.2538	14.0389	14.5194	18.3829	13.5406
11.6029	11.8276	15.5315	15.5815	13.9598	12.8244
37.2451	39.484	38.7156	37.1911	28.5407	33.9393
2.91225	2.33856	4.20325	4.28658	4.4246	4.12918
0.0686388	0.106922	0.216187	0.0586492	0.241631	0.0865582
69.2041	72.9536	28.5915	28.4748	56.3678	52.209
0.415586	0.0690536	0.663198	0.126259	0.360123	0.256218
11.2387	8.28347	7.93349	7.27388	10.2314	7.02202
0.508101	0.41002	0.660875	0.53287	0.644908	0.463372
0	0	0	0.0624981	0	0.0230597
8.47E-10	9.71E-10	0.0245616	0.0199893	0.0360356	0.0203589
58.0452	63.7357	54.7195	56.8085	52.3537	67.5442
26.3256	29.5803	25.2733	31.6494	29.9925	34.6986
0	0	0	0	0	0
12.3739	12.4522	10.1571	11.0447	8.58658	11.4152
2.39136	3.05369	3.97983	3.12806	4.54097	4.16981
0	0.0232169	0	0	0	0.0156626
62.3757	59.7184	60.5484	60.6203	52.5127	66.4568
17.6194	16.5201	20.0325	16.9003	22.9134	19.7406
0.905263	1.08418	0.62209	1.25905	1.20978	0.751181
4.68068	4.64358	7.19199	4.3053	7.44968	4.66811
7.57387	7.03722	6.65915	6.60116	5.08755	4.69121
0	0	0	0	0.0409627	0
12.2358	10.9211	15.858	11.5618	20.3505	12.7195
1.28569	1.13595	1.14734	1.3427	1.27658	1.80178
1.87464	1.79319	2.81468	1.38535	1.7932	1.90874
0	0	0	0	0	0
0.486841	0.317796	0.311542	0.281727	0.678004	0.532731
0	0	0	0.0220893	0	0
7.43742	7.16202	6.12658	5.71801	5.99979	5.96851
0	0	0	0	0	0
14.444	14.6737	13.483	10.2032	12.4299	11.0736



13.3419	15.553	13.9247	11.1898	11.8387	10.4717
0.0209304	0	0	0	0	0
54.6429	102.144	172.105	31.1269	0	160.786
22.3098	31.2137	28.1333	35.2234	32.7404	38.4662
0	0	0	0	0	0
6.44568	5.66232	9.25217	8.00556	7.72579	7.99518
0.436815	0.870974	0.330194	0.199062	0.0946299	0.220342
1.22481	1.26239	2.03248	1.45872	2.44805	1.82167
1080.6	1239.37	1062.08	1177.91	1044.67	1299.61
4.50424	3.98234	3.67709	3.56788	4.29206	3.9692
0	0	0	0	0	0
17.988	18.7413	17.4973	13.559	16.6749	14.8941
0.00589672	0	0	0	0	0
2.15188	1.61205	2.03571	1.71848	1.75024	2.62402
4.87193	15.0224	7.29535	46.656	20.5157	20.6667
15.3601	14.0829	13.1314	12.6246	13.9935	16.4877
1.00411	1.18302	1.79244	2.16555	1.202	1.46197
1.41E-08	1.44E-08	0.0960205	1.46E-08	1.12E-08	0.131402
0.0867057	0.324157	0	0.197565	0.187836	0.145789
0.111065	0	0	0.189801	0.36091	0.186747
1.38468	1.72559	0.387666	0.876412	1.49986	0.905424
1.01625	1.54775	0.894441	0.937391	0.820485	0.732388
0.0535703	0	0.0674908	0.0610317	0	0
76.5425	80.3737	85.7037	86.2762	63.7691	71.657
6.15228	7.85569	6.08154	5.90928	6.74604	4.72668
0	0	0	0	0	0
2.21615	1.58722	1.89344	1.58164	2.67641	1.7989
20.2655	18.1914	19.536	20.6513	16.5647	18.8356
3.08275	3.18412	2.23931	1.20235	1.8952	2.03133
0	0.0350151	0	0.0640221	0	0.023622
1.52742	1.33088	1.65836	1.24592	2.63639	1.5138
17.8931	18.5856	21.0768	18.5979	26.7107	27.552
0	0	0	0	0	0
7.0922	6.72113	6.86273	7.31196	5.72508	5.37305
19.3091	20.1599	17.7732	15.6999	20.1482	19.477
93.1577	103.626	97.2263	112.827	75.6798	92.1135
0	0	0	0	0	0
5.19203	5.63106	5.11218	4.41895	6.12493	6.49598
11.215	11.2459	9.4414	8.12183	6.27167	6.53422
0.151847	0.189232	0.0743966	0.153775	0.164478	0.177305
10.6723	9.92911	10.2009	8.34745	11.4693	8.53244
11.003	9.13775	10.7902	10.0574	11.6931	8.66864
0.156231	0.171438	0.239868	0.225966	0.189357	0.192082

2.22582	1.71371	2.26099	1.63642	2.57773	1.56717
0	0	0	0	0	0
2.09276	1.24116	0.125477	0.056734	1.76524	1.67573
0	0	0.0331596	0.0299861	0.0285095	0
51.9497	50.3696	43.448	47.2942	51.4679	45.6436
2.59579	1.97125	3.27032	2.44905	3.25104	3.20527
0	0	0	0	0	0
0	0	0	0	0	0
9.35836	8.33233	7.68037	11.5316	7.00428	6.87572
0	0	0	0	0	0
7.34525	6.7332	7.20739	7.68436	7.15295	5.78928
13.5096	11.4836	14.0521	11.6384	12.2848	10.4638
0.323833	0.379822	0.119995	0.108511	0.206335	0.224206
4.76278	4.02969	5.76422	4.56574	6.71973	4.82977
0	0	0	0	0	0
0	0	0	0	0	0
1.27969	0.579907	0.366413	0.331347	0.630059	0.489022
0	0	0	0	0	0
75.7647	67.3239	47.5091	63.366	37.6455	49.3355
108.73	108.232	93.3595	103.698	89.1363	94.2238
12.289	11.0025	9.42918	8.2804	9.56327	5.6677
0	0	0	0	0.085432	0
11.4925	12.4664	13.1753	14.5911	15.5437	12.5995
12.827	7.16353	12.338	9.27757	17.5259	12.9763
0.535401	17.7184	0.224842	153.555	0.902121	11.0863
0	0	0	0	0	0
6.26531	10.6822	9.27816	7.72048	3.70071	6.01153
1.12081	1.19721	0.268963	0.364833	0.231245	0.403833
4.20821	6.42275	4.34861	4.63273	3.02176	4.80994
9.13674	11.3862	7.16969	9.67573	7.74773	10.2711
12.9428	13.9332	13.0181	14.5058	14.6691	11.4505
10.0164	10.0211	9.26194	9.48276	11.24	9.44877
5.90788	5.18988	6.3144	3.58605	8.07779	5.41465
2.9998	5.29599	1.88966	4.27203	2.70777	5.2541
0.328115	0.260207	0.150319	0.475766	0.129239	0.426315
3.8123	3.9112	2.87494	3.26512	4.47152	5.19376
14.9051	20.0829	19.0725	21.0933	21.8255	23.4374
4.24675	2.4562	1.87968	1.32737	2.37902	1.21387
24.4022	21.8977	28.1336	22.6423	34.4087	25.6517
2.67971	2.25701	2.58442	2.54763	3.1228	2.53253
0	0	0.303106	0	0	0
4.52642	4.22608	7.82965	5.35585	7.56721	3.57294
0.098829	0.0788221	0.12451	0.112594	0.0770754	0.0709006

55.4118	61.3562	50.6986	58.6795	43.4905	57.0097
42.6271	40.2141	41.3436	37.5698	26.4662	38.9704
10.6315	10.9392	11.5816	9.29821	11.7362	10.9137
151.896	209.173	121.021	84.8826	2.57366	5.42193
11.9967	6.83253	10.8274	8.01718	10.0705	7.38713
0.462732	0.648034	0.45994	0.527182	0.360346	0.330483
3.78039	2.73313	6.47142	4.07673	5.47013	2.59591
6.32033	5.30038	6.94009	5.33883	7.24462	5.20439
18.3296	15.597	19.919	15.6441	22.1461	16.7286
0	0	0	0	0.0745167	0.231345
0.0646998	0.0806289	0	0	0	0
3.08765	2.66324	3.86142	2.747	4.14064	2.79406
0	0	0	0	0	0
2.55153	1.96443	2.93469	1.88561	2.78511	1.27858
1.40747	1.68629	0.687469	0.771826	1.26803	1.27109
0.0622015	0.116273	0.313459	0	0.101063	0.0261468
0	0.0923162	0	0.042198	0	0.0622784
0	0	0.0250474	0	0.351737	0.133715
0	0	0	0	0	0
0	0	0	0	0	0
3.19786	4.77345	3.85175	4.1237	1.97935	1.97943
2.41927	2.1535	0.870837	2.75623	0.748716	1.16223
10.742	10.1545	11.9659	10.9873	12.5399	11.0903
16.9918	16.5072	16.609	16.8075	13.6447	13.2009
57.7022	40.4114	42.8432	42.6153	71.0271	61.2115
3.5943	3.54847	3.44033	3.53653	4.57586	3.61043
27.4932	27.9059	25.76	26.3883	27.7948	27.5008
9.72774	11.0531	8.74108	10.1863	12.0864	10.8241
0	0	0	0	0	0
0	0	0	0	0	0
4.11666	4.38839	4.52468	3.70395	4.87499	5.06622
0.36617	1.00362	0.195006	0.852635	0.941838	0.579756
0.640586	0.233648	0.767676	0.765408	2.55547	1.49743
47.6925	46.0919	34.8009	43.4264	27.8714	36.7716
1.75325	0.993137	0.200804	0.907932	0.863221	1.07199
0.0834086	0.103944	0	0.095026	0.542079	0.350613
0.406174	0.553224	0.811338	0.891499	1.33041	1.5156
38.6371	35.5805	39.362	37.2365	33.2261	32.3445
15.3926	11.1101	17.7762	13.4694	25.622	18.4107
0.555329	0.331543	0.588753	0.362748	1.14423	0.871387
27.427	26.2481	29.3266	27.4814	22.9668	24.3294
11.0174	10.7472	12.1383	12.4189	13.7233	12.1227
0.0538198	0.0670702	0.0678051	0	0.590259	0.167821

1.13E-19	3.13E-36	8.16E-54	1.25E-20	0.179183	1.28E-19
22.8571	20.5716	21.7469	20.3281	23.0423	22.5343
0	0	0	0	0	0
701.225	849.889	640.781	634.951	676.878	859.411
35.2253	33.7797	37.4089	32.3145	38.9609	33.7023
5.52702	6.54338	5.22243	9.44526	5.08874	6.27295
510.298	669.557	606.541	786.652	429.535	612.651
7.50299	8.20745	6.63486	8.06853	7.05928	5.83239
21.0532	23.1768	23.0878	26.4781	23.3586	25.7844
3.92054	4.4436	4.79716	3.99716	4.46561	3.07966
4.69285	4.03961	2.36492	2.48512	0.837786	1.14707
3.82205	5.02049	5.14058	4.35439	5.03509	5.99226
0	0	0	0.0923865	0	0
7.11049	7.27079	6.5188	7.30581	8.76655	9.29568
0.227863	0.0982571	0.158934	0.229958	0.437267	0.403021
12.6701	14.199	15.0001	15.7541	10.8558	13.2729
0	0	0	0	0	0
2.96569	2.11107	3.94732	2.39273	4.05595	2.49489
0.0425838	0.0530679	0	0	0	0
27.3665	32.6213	26.752	34.9321	22.4056	28.5476
0	0	0	0	0	0
0	0	0	0.161576	0	0.059616
5.29951	3.62357	5.43583	4.32787	7.21351	5.99306
16.2152	19.8427	17.939	19.7144	21.423	18.3675
0.6125	1.04366	0.953232	1.4346	0.728837	0.824913
5.42793	5.36064	5.97386	4.49562	7.51273	5.63365
20.6313	19.8006	18.7854	17.9797	17.0218	16.3538
0.0569656	0.106486	0.0717684	0.146025	0.015426	0.0598646
146.001	131.953	91.8527	94.5506	83.2112	100.504
0.371963	0.0617367	1.82558	0	0.526238	0.3877
0.0947999	0.0590698	0.179151	0	0.0513427	0.0398497
1217.32	1084.71	1109.36	998.221	999.617	1356.32
12.3709	12.4651	18.9143	15.5994	21.3748	19.5048
0.8795	0.571434	0.636354	0.334758	0.577264	0.857737
0.673224	0.838971	0.848164	1.78965	0.607685	0.377325
0.349316	0.198006	0.480494	0.253565	0.275306	0.641193
4.2701	4.43222	4.03824	3.15153	4.92255	2.77781
0.988121	0.772797	0.821454	0.379204	1.95907	0.475503
0	0	0	0	0	0
6.97246	7.24535	7.51402	6.57493	7.78486	6.98008
7.46137	7.1824	7.9307	7.75379	8.11333	6.6478
4.04176	3.33194	4.20052	2.5669	6.26426	3.84352
11.4199	10.7903	10.3893	11.7937	10.7214	11.4411

32.5959	32.2472	38.1576	33.725	40.7184	44.094
1.12084	0.93119	0.74527	0.922242	1.38269	0.916126
4.35391	4.6793	5.88781	4.45984	3.1588	3.92899
41.1612	48.8434	47.7253	54.6565	42.68	42.1241
0	0.299488	0	0	0	0
7.71355	6.87896	6.45598	5.43868	6.55364	6.36395
0	0	0	0	0	0
0.93905	2.17331	0.507028	1.68118	1.01716	0.676689
0.150758	0.0626249	0.126622	0.171756	0	0.0422481
0.177218	0.206328	0.409256	0.20163	0.265871	0.296474
1.29824	1.47342	1.08066	0.8892	1.42297	0.896547
0	0.0933079	0.282991	0.0853027	0	0.314737
0.79628	0.950977	1.1704	0.415795	0.970329	1.05995
0.0147679	0	0	0	0	0
0.8014	0.642024	0.669379	0.244559	0.880725	1.23731
8.96453	8.65155	8.43713	8.77648	10.6311	9.65732
0.869875	1.23324	2.3877	0.861075	3.91147	2.99981
10.4435	9.847	7.22828	6.78474	7.0013	5.95916
11.2876	9.9294	12.5478	9.80246	15.7027	12.2807
0	0	0	0	0	0
0	0	0	0	0	0
63.1616	63.3716	64.7917	65.4386	100.821	113.457
1.61675	1.72467	1.31992	1.1936	1.54109	1.26134
0	0	0	0	0	0
20.1132	19.6342	22.5244	21.005	20.3338	22.6867
22.7866	29.1423	22.1747	25.3355	19.7132	21.4625
0.748076	0.52824	1.1541	0.572258	1.16992	1.12404
0	0	0	0	0	0
6.5993	6.90278	6.85259	5.79404	7.27249	6.40812
29.2761	25.3596	32.6548	27.5937	33.3815	31.8705
5.22412	4.42968	5.19067	2.81225	5.60032	3.07891
7.97E-07	2.39E-06	1.97E-06	0.716188	0.161814	6.64E-07
19.5367	17.6618	19.1636	16.3419	27.4507	24.0409
9.50836	9.55496	8.60268	8.47855	8.2798	7.70644
0	0	0	0	0	0
0.583758	0.145496	0	0	0	0
0.0503846	0.0627892	0.190432	0.114805	0.0545755	0
188.049	220.502	133.463	144.436	163.25	194.2
133.958	78.1144	137.486	105.257	173.775	120.5
0	0	0	0	0	0
37.3152	27.8917	36.9989	24.5787	47.6114	25.4979
11.8768	11.7032	15.6449	16.2969	13.715	14.5791
2.89624	2.21675	2.69717	2.02865	3.01635	2.44973

0	0	0	0	0	0
3.251	3.15252	3.18566	2.06165	2.60284	2.05981
7.61432	7.27471	9.04931	6.61951	10.2905	6.84343
0	0.01603	0.0162057	0.0146547	0	0
12.2749	11.4007	10.7355	9.51523	7.19557	6.86952
0	0	0	0	0	0
10.6498	10.7918	11.2248	10.2502	12.7626	11.0348
12.9258	14.3956	13.514	12.6004	11.4631	12.3007
6.38089	6.86067	5.50004	5.83483	6.84287	5.09717
19.3131	22.1245	13.9462	16.9546	10.5239	15.0816
25.7353	28.491	26.1406	25.1867	25.6149	26.9478
1.29E-124	0.958402	2.88E-188	0.515558	0	0.124573
4.92009	7.55417	6.26709	5.51247	11.6892	7.35864
0.0510875	0	0.0643628	0	0.0830054	0.107375
0	0	0	0	0	0
0	0	0	0	0	0.132895
27.831	29.2937	24.9841	30.6241	26.4718	32.5372
3.52414	2.92785	3.4981	2.55499	4.08718	4.72848
10.4355	11.2305	11.3752	9.78542	11.4894	10.1123
0	0	0	0	0	0.173302
0.215715	0.179826	0.310405	0.23412	0.289033	0.189946
2.9663	3.84208	3.75189	4.19109	3.30164	3.44611
0	0	0.182037	0	0	0.121475
0	0	0	0	0	0
75.5749	64.7804	85.2073	67.3826	100.261	75.8909
47.2557	25.6542	44.3989	25.4009	63.0124	25.0682
0	0	0	0	0	0
3.962	3.98047	4.83158	3.46791	4.94913	4.1946
22.6382	23.5006	24.4435	18.5249	27.6075	21.6601
1.60138	1.88776	1.38135	1.47926	0.718836	0.751987
0.560962	0.48735	0.462415	0.484561	0.492214	0.481624
0	0	0	0	0	0
0.0723641	0.12024	0.212726	0.0274811	0.0783833	0.121675
0	0	0	0.0788471	0	0
0.174089	0.192844	0.194957	0.242411	0.251426	0.130097
1517.93	1778.05	1614.55	1611.38	1537.82	1573.63
0.0502516	0.0375741	0.0759716	0	0.0326589	0.0675954
8.16974	9.33051	10.3059	8.09933	8.78105	7.30098
0.394259	0.409437	0.532188	0.25667	0.518565	0.142054
0.0617856	0	0	0	0.13385	0
0.13833	0.114925	0.348552	0.105065	0.149837	0.116296
5.96243	5.07671	4.95477	3.69455	5.44434	4.83785
13.0512	11.7873	13.6314	15.7803	10.215	11.2023

4.1994	4.97613	5.24443	6.44028	2.88972	3.19764
7.00515	5.52175	9.78871	11.5301	9.07649	8.29921
0	0	0	0	0.0332037	0
0	0	0	0	0	0
22.1237	22.1012	18.4966	18.4755	18.845	20.1075
1.9126	1.84039	1.6623	1.65492	1.8881	1.23139
99.6001	102.787	92.0301	85.0506	62.2011	79.7393
54.8025	49.7217	50.903	45.4862	49.8131	49.4264
13.8973	14.3152	13.1799	13.5156	12.4056	15.0466
3.90904	3.29695	4.90529	3.48067	4.77468	3.76202
1.6393	2.49423	2.28141	2.19337	2.31248	1.77881
20.4533	19.5871	20.6808	18.1933	19.7012	18.5513
12.3247	11.1767	11.6937	12.0835	11.5669	11.5764
0.276527	0.337575	0.188049	0.457251	0.405318	0.31728
0.268742	0.202706	0.178198	0.161144	0.681777	0.654022
2.41271	2.54198	2.65292	2.12188	1.88507	2.65548
0.102304	0.127491	0	0.0777022	0.110814	0
170.805	173.087	153.788	149.477	131.643	171.132
5.69796	4.553	6.43927	2.93308	4.7981	2.72142
0.194432	0.291067	0.162141	0.138446	0.223045	0.102163
29.1876	26.7033	31.9242	26.1755	35.2962	27.7518
0.0347177	0.0432651	0	0	0	0
0	0.390768	0	0	0	0
7.71294	7.28373	5.63193	9.63858	5.59376	4.99229
10.0461	13.0834	12.6159	18.7379	11.5908	10.6745
0.0786181	0.0979738	0.231111	0.119424	0.170315	0.0881269
1.92142	1.98085	1.83579	1.49008	2.16637	1.75775
64.6445	63.9686	62.4331	58.1439	51.0073	49.9532
26.3544	23.1909	29.8046	27.1926	31.6314	30.1121
0	0	0	0	0	0
16.2926	18.2647	20.0138	20.6093	21.9215	23.2306
51.1733	43.0365	42.1205	44.0403	45.3749	54.1684
0	0	0	0	0	0
14.8305	13.8167	16.4421	12.1885	19.1218	14.9102
3.91623	11.6111	20.0066	18.4106	26.2444	37.9352
30.7324	35.4151	31.5213	37.8552	19.66	21.7032
1.65692	1.15118	1.90264	1.40318	2.22342	1.42989
1.43217	1.62654	1.80432	1.92362	2.42199	2.05845
0	0	0	0	0	0
0	0	0	0	0	0
1.5734	1.2746	1.607	1.16524	1.33784	1.43135
31.0859	31.0596	31.3224	26.4682	31.0421	25.8494
181.792	199.539	238.305	218.223	225.127	251.516

44.9722	43.737	49.218	41.3481	54.6318	45.7756
7.22935	7.8166	7.29288	6.34607	8.56867	8.47392
9.58847	9.31678	8.97035	9.38273	9.79475	10.8546
0	0	0.0281392	0	0.0241931	0.0187775
0	0	0	0	0	0
2.62078	2.19636	2.42253	1.65464	2.7613	3.55693
0	0	0	0	0	0
13.0021	11.6335	10.6873	11.8183	14.8428	17.3759
0	0	0	0	0	0
0	0	0.173286	0.535349	0.0372463	0
4.02839	3.94472	4.52034	4.07301	6.3067	5.64635
2.68475	2.61086	3.35922	3.80398	3.88146	2.21582
1.38747	1.309	1.74993	1.15193	3.75547	1.1067
0.160255	0.0869845	0.175875	0.0795218	0.130381	0.129339
2.67632	3.10679	3.00227	3.1744	3.01807	3.14386
9.12914	11.0765	7.62799	8.89154	8.75835	9.5347
1.2628	0.393424	1.59094	0.431605	0.889094	0.796237
2.64337	2.09893	3.47242	2.7214	3.7344	2.39479
10.175	10.0106	8.38528	7.62957	6.71945	4.73737
1.19958	1.73323	0.60036	0.792815	0.643154	0.877112
1.84918	2.4279	2.74572	1.93745	1.78839	1.59627
8.00691	8.05172	9.46057	6.5137	15.0071	11.7569
2.13339	2.29193	1.0195	1.34099	2.17804	2.14404
17.5942	16.9754	15.1563	17.0752	17.2388	17.1832
0	0	0	0	0	0
94.3886	76.6455	102.003	90.166	107.594	125.789
0	0	0	0	0	0
0	0	0	0	0	0
36.7789	38.534	37.1374	31.2351	38.0968	35.7773
0.641095	0.798932	1.02024	0.961038	2.08326	1.04959
15.4305	15.5597	15.2479	16.2377	13.4924	12.4032
12.9984	14.6882	11.3755	15.2231	12.5371	14.6724
0	0	0	0	0	0
8.61525	8.96483	8.57472	11.5819	8.81868	11.3352
0.351263	0.214403	0.0541876	0.20882	0.186357	0.162722
0.867204	1.1037	0.813602	1.17718	2.4183	2.69911
0.0398229	0.0992545	0.100342	0.0680543	0.258812	0.100439
18.1982	18.7286	15.6634	16.3124	11.3654	13.2779
12.5177	11.3017	12.5716	11.5983	14.8867	15.4921
2.66828	2.596	2.35905	2.55994	2.53529	2.34165
33.2213	30.6272	27.7662	28.3761	28.6033	29.2142
0	0	0	0	0	0
0.107795	5.23904	0.135806	36.2288	0.233523	0.634374



10.1241	10.4816	10.9104	10.0082	11.3712	11.305
38.711	34.9751	35.3611	25.3591	34.0689	46.3772
9.98711	10.12	9.94208	10.4082	9.9666	11.0666
65.6038	72.9993	48.8785	60.1576	43.7007	60.7526
0	0	0	0	0	0
35.4368	34.798	30.6019	28.6477	28.4104	26.4968
1.58397	1.93869	1.55013	0.918407	1.51658	1.27816
7.17539	6.97083	8.50937	6.71132	8.15436	6.52895
15.3677	14.6102	16.9966	16.9527	16.1707	16.1164
3.38517	4.58113	3.76504	3.94705	4.35426	4.20223
14.3147	12.987	12.2787	9.73341	11.82	9.71677
0	0	0	0	0	0
0	0	0.351364	0	0.0503485	0.0390781
1.02511	0.604926	1.3362	0.670039	1.60876	0.758583
0.230575	0.287343	0.290491	0.328363	0.312193	0.484618
0	0	0	0	0.0439357	0
0	0	0	0	0	0
0.0342432	0	0.0431415	0	0.0741831	0.0287887
7.7846	7.59139	7.92215	7.8356	7.84269	7.67562
3.4462	3.95286	3.54548	3.19258	5.28282	2.74688
5.57224	5.38946	3.71966	4.21645	2.97283	2.76185
9.05555	8.02905	4.37644	3.7209	4.21302	4.5679
24.4208	24.2142	24.867	29.0048	28.1096	25.924
55.783	46.4862	76.3667	65.03	111.412	82.1124
0.174551	0	0	0	0	0
0.0716483	0	0.0200589	0	0.0172459	0
54.672	56.4181	47.2203	48.2731	46.2896	54.9844
36.7938	36.734	35.912	35.805	38.5002	37.109
4.77274	4.61755	5.4851	5.15386	7.30437	6.31138
0.0302511	0	0.0381126	0.0344646	0.147455	0.0254325
9.89249	10.296	11.2182	9.51966	9.9706	7.96613
8.34318	8.94106	9.80455	8.34704	9.78393	7.65276
0	0	0	0	0.0458032	0
0	0.0830268	0.0139888	0.228502	0	0.233789
0	0	0	0	0	0
0.29424	0.23687	0.154979	1.22E-25	0.260506	0.0627524
0.299168	0.186411	0.062818	0.227224	0	0.125757
48.0032	47.4841	46.1687	42.1823	39.5646	42.7397
29.0421	28.6844	32.5012	28.9715	26.6403	26.9891
12.5656	11.0859	14.9775	11.4801	14.3958	9.61697
18.9581	19.4573	23.1903	27.1113	44.4726	32.3316
0	0	0	0	0	0
85.9648	92.9724	92.5572	126.96	78.4503	111.137

3.17596	3.34896	4.49843	3.92519	4.61059	3.65751
7.57758	5.94585	8.38679	6.81976	8.56392	4.47019
0	0	0	0	0	0
17.1883	16.0047	13.7866	12.6359	16.9535	15.6031
0	0	0	0	0	0
25.3388	19.9648	31.854	23.8415	46.1476	38.7443
3.0485	3.59909	4.81768	4.63081	3.50483	4.00174
0	0	0	0	0	0
0.129732	0.194006	0.0326887	0.177362	0.140523	0.283575
0	0	0	0	0	0
22.9263	18.9138	22.7875	21.6713	25.7012	24.767
11.2544	10.1776	8.28145	9.53132	11.8671	11.0526
13.3538	14.1296	16.452	15.1672	14.902	13.7274
0.0433757	0.0810822	0.163941	0.123543	0.0704756	0.145866
0.308871	2.71E-05	0.969558	0.446242	8.88E-06	2.19E-06
0	14.2155	0.384259	184.584	0.991119	11.1799
0	0	0	0	0	0
5.04036	5.42475	6.35012	3.91527	3.72247	8.28237
8.66941	5.79	8.24996	4.67954	6.83776	5.13731
13.397	8.57363	22.0101	8.55962	33.5329	7.30573
2.75331	2.88329	3.82238	3.34296	3.57005	3.02463
0.472118	0.313788	2.29989	1.79292	1.90918	0.899675
0	0	0	0	0	0
4.99558	4.60724	5.78366	4.20326	5.27873	3.04392
0	0.0337003	0.0681392	0	0	0
0	0	0	0	0	0
14.1175	15.4871	17.7309	15.6025	19.237	17.2458
0.435586	0.502746	1.17747	0.77127	0.523497	0.501477
21.0733	18.7461	28.353	19.581	29.9761	29.6283
6.94E-09	0.272254	0.255787	0.963729	0.903486	1.15276
96.4233	93.1897	87.6072	92.2033	77.1821	103.702
6.81957	7.23152	6.04883	5.71769	6.54836	5.77616
4.33668	5.3049	4.29042	5.39537	4.81268	4.07088
0.953564	1.04573	1.29746	1.04292	0.950251	1.15441
9.5361	9.13653	7.42807	9.14121	10.3293	9.82743
0	0	0	0	0	0
0.0290613	0	0	0.0331091	0.0314786	0.0244322
0	0	0.15532	0.140456	0.0593507	0
3.8994	4.39498	4.09998	3.42708	3.7991	3.54781
32.2615	34.2666	34.2375	32.015	31.1568	31.3193
6.2341	4.86464	5.51874	5.61333	9.32215	8.97361
3.38326	3.54864	3.94273	2.4733	5.13054	2.74953
0.276282	0.237664	0.309773	0.0964323	0.59125	0.193835

0	0.108829	0.109982	0	0.0946092	0
0.230079	0.208526	0.105406	0	0.11328	0.0703382
0.0891524	0.0830211	1.04E-08	4.34E-08	2.71E-09	4.81E-08
7.84423	6.66991	7.06409	7.42045	7.2084	7.18993
1.28823	1.73213	3.4595	2.47184	1.54226	1.56754
15.975	18.2691	16.4713	18.5085	14.8318	16.9099
0	0	0	0	0	0
0.0325045	0	0.241853	0.111095	0.140833	0.0403476
22.6275	20.8577	21.6824	18.3046	20.0219	19.7603
45.8529	57.1418	57.768	52.2394	99.3338	77.0982
0	0	0	0	0	0
0.0201077	0.0375872	0.0253327	0	0	0.0947651
25.632	25.0567	22.8176	24.4808	25.8521	26.9364
0	1.17475	0.197938	0	0	0.198128
15.936	12.0871	22.6166	17.129	20.9348	13.1185
61.5172	60.8429	61.2682	57.5362	58.9257	59.4151
3.03499	3.99232	1.31703	2.26672	3.21438	4.6495
0	0.302346	0.611318	0	0.262795	0.203969
1022.11	1150.44	866.763	555.917	246.452	498.921
10.7607	12.592	10.7641	10.807	9.708	10.8224
17.3832	17.7073	13.8747	18.7269	15.5007	15.6359
0	0	0	0	0	0
4.61672	5.07649	4.24255	4.17686	4.23592	3.33338
0	0	0	0	0	0
29.2994	28.1979	25.9072	29.7459	24.2585	28.4829
32.5688	26.4437	41.462	23.6241	48.4339	30.3462
17.7808	20.2046	19.318	18.9206	22.9413	23.6097
0.0643638	0.040105	0	0.0366643	0.156865	0.0405836
3.84785	4.56611	2.68632	8.27893	2.94674	4.13123
0.401368	1.83308	0	0	0	0
7.39869	9.30683	10.0601	8.37319	8.03662	9.8247
16.5685	16.0894	13.5608	13.5416	15.1835	15.3373
75.3149	74.9599	83.51	59.2224	108.949	77.1674
2.11247	1.33383	2.27106	2.50297	3.0204	2.62845
0.922038	1.4353	0.66736	0.232993	0.22152	0.171933
0.779978	1.28526	0.667197	0.999448	0.703539	0.701618
2.01604	1.78062	2.31798	1.82855	1.84451	1.25061
11.8379	12.8656	10.5865	10.3819	11.1621	10.2626
9.59705	7.27535	22.4091	14.7378	15.3314	12.4821
0.372337	0	0.234545	0	0	0
0	0	0	0	0	0
1.91493	2.246	2.1287	1.41165	1.58616	2.4622
4.05798	5.43871	1.35046	0.523379	0.501752	0.773898

15.3882	17.3543	15.2415	17.3043	13.5001	13.7473
11.6471	9.42301	16.2115	15.0126	16.501	13.7866
3.25132	3.17195	3.20484	2.74458	2.96781	2.67426
0.238333	0.29701	0.450397	0.135764	0.387236	0
0	0	0	0	0	0
14.6937	16.5641	10.4947	12.2908	18.2037	24.3849
0	0	0.0900845	0.0407316	0.0387258	0.0300571
42.9356	45.4066	35.3718	41.043	42.6248	47.8442
0.0408648	0.00760264	0.0412357	0.105307	0	0.00820625
1.06002	0.789804	0.371121	0.889053	0.66481	0.774999
15.1359	14.3275	13.9086	14.683	14.3342	17.5986
62.3675	0	52.3826	47.3695	0	0
0.0588034	2.03E-143	0.0719968	0.0349118	0.100219	0.0795383
53.6012	56.7924	50.7677	51.0488	42.7373	49.9488
0.466062	0.290403	0.146792	0.398232	0.631036	0.293868
0	0	0	0	0	0
2.93531	4.54069	3.28734	4.31918	2.18168	2.12516
1.16192	4.83688	3.08343	1.38009	12.8535	0.228622
12.2417	10.6502	12.3673	9.69259	13.9897	17.6627
2.71062	2.391	1.97996	1.76807	2.25964	2.87953
0.030295	0.0377535	0	0.0220893	0	0.0163004
21.8671	22.7509	21.2898	22.8175	20.7552	19.9786
34.159	34.418	35.155	36.1823	33.3945	36.9452
10.7388	10.7695	11.7267	8.18185	11.3297	9.14478
18.9424	20.3339	20.5567	17.8826	18.7054	18.1447
10.2237	9.30846	4.86236	5.63206	4.72049	2.39672
1.24758	1.1211	1.34723	0.908885	1.59956	0.906151
0	0	0	0	0	0
0	0.134839	0	0	0	0
0.581054	0.460103	0.433087	0.442546	0.861612	0.561802
7.33506	6.15224	5.41524	5.87281	6.78128	8.56265
4.347	3.89876	5.10318	4.4272	5.56468	7.14303
13.8342	15.728	13.5843	13.9803	17.7988	15.6202
20.8912	23.3962	23.378	28.6345	16.7609	17.0399
0.0565129	0.260838	0.126574	0.0214614	0.0612137	0.129336
0.891903	0.932216	2.60981	4.19563	1.09075	1.4271
0.256204	0.266067	0.295881	0.0972962	0.161884	0.125646
0	0	0	0	0	0
1134.33	952.666	1261.15	1010.03	441.424	476.91
1.69704	1.87091	1.5598	1.25005	1.85663	1.03355
0.0253862	0	0	0	0	0
0.530582	0	0.66845	0	0.287334	0
0.805122	1.35267	1.33488	0.866148	0.979335	0.717907

12.9332	13.6841	10.053	12.4366	12.3624	14.9167
8.49257	11.4394	14.9477	19.6888	12.8177	17.2852
0.00464441	0	0.0234055	0.0211655	0.0201232	0
6.77411	6.32901	7.07362	5.61954	6.14109	8.56164
0	0	0.421886	0.152604	0	0
0	0	0	0	0	0
4.95322	5.50175	5.64343	5.27509	4.84037	3.75686
7.43599	7.0178	8.20047	6.7724	7.96557	5.78556
0.491437	0	0	0.279943	1.06463	0
0.412023	0.515246	0.576766	0.419117	0.198353	0.194846
0	0	0	0	0	0
31.7378	30.5164	31.6299	29.2924	24.1727	22.6778
23.7679	17.8322	21.1769	17.3976	20.371	16.2869
0.548289	0.455518	0.46051	0.624657	1.18779	0.230477
0.333781	0.73948	0.513963	0.591533	0.642746	0.654765
0	0	0	0	0	0
0.0967691	0.0904452	0	0.0826855	0.104818	0.0406775
10.974	12.1807	12.2074	12.2388	14.0429	11.5248
0.928543	1.27286	0.81888	0.634724	1.50867	1.01483
0.280816	0.194418	0.353788	0.177738	0.202783	0.314781
18.7879	16.9066	24.2701	23.8155	20.3606	20.9396
13.6849	12.367	12.636	11.5574	10.864	10.1838
12.929	11.9703	10.8591	9.94467	11.8286	13.7251
3.18385	2.89798	3.10673	3.02275	2.92462	2.28307
17.8416	17.1595	32.8689	45.6465	27.3624	23.3844
60.5647	57.348	56.6464	60.2614	46.216	46.7153
33.5094	33.4406	31.2489	30.1774	42.4201	42.1928
9.23271	10.517	11.4956	10.4776	9.92256	12.0676
2.0539	1.23565	3.03375	0.887575	2.5316	1.07177
0.241982	0.196805	0.27176	0.263712	0.3532	0.305071
0.0717553	0.0298071	0.0602675	0.0136249	0.0647699	0.0807931
161.82	114.31	167.529	151.496	203.869	291.852
7.87441	8.25309	9.74486	7.5752	9.88935	8.00955
20.4185	25.3338	23.8382	25.2815	22.5869	24.7895
20.8448	23.4779	22.1489	25.1826	24.3466	23.6796
2.53796	2.61839	2.77812	2.08564	3.15467	2.57093
6.78938	6.11046	7.78273	7.05905	8.26474	8.58149
15.6892	17.9835	15.3731	16.8696	16.1974	13.9161
0	0	0	0	0	0
22.6834	21.0409	21.1482	15.8068	21.7077	22.2383
0.247497	0.213924	0.646788	0.248344	0.652411	0.152934
71.5246	76.323	65.2666	74.4645	64.871	77.0828
0.191946	0.241522	0.0964615	0.254723	0.25917	0.114435

0.756667	0.544139	0.842149	0.661237	0.860664	0.223149
30.9834	29.4626	30.4839	29.5787	33.7778	37.5786
10.571	7.28748	11.4288	11.36	9.58249	9.07623
3.10581	4.41505	2.26121	5.68989	2.58651	2.62422
1.02296	0.916274	1.26865	1.01976	1.67939	0.96752
2.56958	3.6948	0.701372	1.30769	0.391476	0.501052
3.96241	4.60257	5.1388	3.62116	4.92256	3.9044
1.70198	1.67233	1.44324	1.0441	1.57765	1.27953
0.629676	22.582	1.14588	194.755	1.3641	10.2346
3.38479	3.37471	4.92069	4.20064	4.67024	3.22237
30.2673	28.4891	26.8378	27.6513	20.1535	20.2084
0.0254647	0.0317341	0.128327	0	0.0275829	0
8.21E-25	2.74E-19	3.74E-09	1.71E-119	1.19E-06	9.01E-43
26.2364	23.3212	27.5385	32.1035	24.7787	27.6169
5.42983	3.82133	5.2336	1.77577	7.41436	4.19963
0	0	0	0.0386908	0	0
1.2801	1.40366	1.84085	1.21468	1.74579	0.890302
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.241443	0
6.75856	5.89088	5.56169	5.91958	6.62251	8.99924
6.14793	6.32353	5.73216	4.41418	6.39406	5.66884
1.51097	1.93043	2.01557	1.5623	2.77818	1.7293
0.130091	0.0405299	0	0	0.105684	0.0546847
34.8636	35.0859	32.3045	28.9627	24.2331	30.9306
0.0898136	0	0	0.102323	0	0.0755073
0.0630179	0	0.11909	0.0717952	0.10239	0.02649
0.0932519	0	0.274129	0.318721	0.269356	0.130663
0.0499303	0.041482	0	0.0758463	0	0.0335816
14.5676	15.5015	16.4131	20.1395	12.9178	18.9482
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
5.79796	6.45872	7.93226	6.75409	9.12698	8.06218
21.4159	23.9227	17.8071	22.116	19.3291	19.2618
9.1287	10.093	14.3698	15.2355	15.4648	14.5501
0.37041	0.153868	0.116666	0.492335	0.33435	0.207605
16.7454	9.23301	11.9144	11.529	12.9186	13.6729
1.9531	1.12357	2.7187	1.55036	2.75165	1.14831
1.01607	0.539531	0.54752	0.515217	1.13774	0.686627
2.80325	2.97858	6.13397	6.0512	7.25544	8.36016
49.3132	53.4743	47.3913	48.9882	37.7877	44.4949

0.556601	0.510365	0.463136	0.454615	0.38673	0.361959
32.5921	32.7914	31.2154	32.2709	31.424	32.1904
6.85355	6.86589	6.76994	6.36721	7.38494	7.75874
0	0	0	0.0264504	0	0
2.80458	2.40182	3.81804	3.02864	2.72112	2.64839
0	0	0	0	0	0
25.571	26.8838	28.8677	27.9642	28.1844	25.0651
0.0298596	0.037211	0	0	0	0
0	0	0	0	0	0
0.998151	0.969271	0.99618	0.66747	1.03627	1.11646
0.145527	0.0362711	0.110006	0.0994777	0.094579	0.0489385
12.5631	14.0765	9.38251	7.04265	8.55878	9.40849
63.7816	62.6386	62.6048	68.0563	50.5583	56.8531
1.35031	1.50468	1.78929	1.39974	1.15308	1.22984
51.0991	60.4205	51.1398	62.6495	46.1178	47.3337
14.6337	17.1006	14.7871	13.643	11.1407	13.5789
30.8526	29.2177	28.8886	25.4635	34.1864	26.7504
7.77346	8.08629	10.1898	8.39441	12.7127	14.2089
2.88285	2.87408	3.63197	2.53366	4.46092	3.04687
14.1508	15.6043	15.0531	13.5781	16.0796	15.169
7.0132	7.4077	6.72775	6.86607	5.65705	5.73057
31.9738	35.0791	34.9187	33.0789	28.0571	36.1548
15.757	14.7567	15.6023	13.6309	14.6275	15.1693
0	0.0542085	0.0548025	0.0991155	0	0.0365702
84.9404	65.2123	184.922	96.908	134.082	91.6835
0	0	0	0.275247	0	0
0	0	0	0	0	0
78.3872	66.389	81.6908	67.6998	94.4605	70.1071
0	0	46.9163	0	40.337	62.6154
0	0.0798429	0	0	0	0
46.6286	46.8482	42.752	38.8035	34.2403	33.8458
28.4363	27.9683	25.8535	27.9067	22.3868	24.6872
20.0044	18.8103	18.1231	19.0596	18.6682	18.1369
29.6022	27.6336	25.8807	25.9329	25.448	27.8322
0	0	0	0	0	0
0.047714	0	0	0.0350167	0	0
2.09049	2.68411	1.28227	1.22772	2.12714	1.9255
0	0	0	0	0	0
3.41523	4.4334	3.94414	4.5394	2.81302	4.09748
10.961	11.078	10.8343	11.3238	14.5282	12.9505
8.01582	7.37846	5.66908	6.64166	8.66284	9.526
16.9738	16.5716	25.8852	26.1075	20.4291	25.4927
0.417582	9.29E-163	4.93E-55	1.05E-89	4.37E-64	0.283464

108.526	91.9405	70.6495	64.5502	52.5524	65.5488
1.52296	0.843515	0.639568	1.34951	1.09976	0.853579
9.30066	9.71019	9.58235	7.67717	11.2849	8.41865
7.19916	7.72592	8.37487	6.64024	9.69394	8.40457
0	0	0	0	0	0
0.994881	1.81545	2.59634	2.63123	2.15527	2.24038
0.70941	0.715672	0.766074	0.461839	0.402505	0.738412
0.128657	0.123332	0.187025	0.146576	0.0643192	0.108163
5.02209	4.62777	6.37172	4.43462	5.84985	3.95924
0.840004	0.575747	1.21703	0.933078	2.27469	1.65957
0.124001	0.231795	0.0390559	4.48541	0.134316	0.755808
0	0	0.676864	0.306043	0	0
15.7017	13.47	10.7596	10.1099	10.3348	10.0033
0	0	0	0	0	0
20.1518	16.7127	25.4772	20.8678	22.2867	22.5495
0	0	0	0	0	0
0	0	0	0	0	0
13.633	12.2498	12.1791	12.8519	13.0286	14.2227
0	0.0488008	0	0	0	0
0.217311	0.067703	0.492806	0.505475	1.41153	0.285464
1.00772	0.579608	1.07426	0.574038	1.25947	1.01012
4.49339	5.33918	6.13422	4.72302	6.70475	4.66634
0.0803584	0.0500615	0.0506073	0.182928	0	0.0337353
8.31058	8.01457	7.92862	7.89663	4.53828	5.66772
0.197126	0.245658	0.24835	0.153548	0.290871	0.195735
1740.7	2343.8	739.634	482.386	38.9221	64.3749
0.195885	0	0	0	0	0.0411706
60.9016	43.1962	45.0819	37.3846	33.8042	17.9839
13.2891	14.4327	14.04	15.8106	15.1078	19.0017
15.6008	14.0562	15.7068	13.9607	14.728	11.0055
27.1809	25.9143	22.6127	18.1014	25.0839	21.1368
0	1.39968	0	0	0	0
0.793302	0.593167	0.509602	0.518314	0.72427	0.395872
16.8367	16.5278	17.5934	17.3493	17.4628	15.904
0.132606	0.330507	0.334129	0	0.287273	0.445934
22.8854	20.4948	24.8698	20.7591	23.5308	25.68
0	0	0	0	0	0
0.83496	0.424923	1.06243	1.10077	1.13347	0.819214
0.119224	16.0216	0.225307	106.219	1.03313	9.6725
0.225488	0.148087	0.0832949	0.0150938	0.15827	0.100192
0	0	0	0	0	0
0	0	0	0	0	0
0.138384	0.319445	0.171988	0.182172	0.123165	0.286343



27.7996	29.305	25.7091	28.1582	30.4795	33.2759
0.649827	0.551871	0.589865	0.37794	0.674861	0.349415
23.1023	28.79	0	0	25.0239	0
0	0.0246856	0	0	0	0
0.0383202	0	0	0	0	0
4.11162	4.93366	3.88442	3.88122	5.54015	4.07473
0.0841231	0.104834	0	0.14376	0.182241	0.194489
0.436947	0.363657	1.18977	1.01167	1.75069	1.62346
14.579	14.2865	15.3759	16.9005	15.7917	12.4929
0.439646	0.76372	0.755304	0.92587	0.678246	0.660827
2.30262	3.0716	2.86026	5.39453	2.35377	2.01773
0	0	0.0849062	0.0341246	0	0
8.06335	7.99695	7.68502	6.04774	13.1492	7.67437
22.813	24.9468	30.92	26.3785	48.0205	37.3906
0.675732	13.6339	0.932402	76.875	2.23067	11.416
0	0	0	0	0	0
14.8574	16.2766	16.6907	14.4112	13.5393	13.8751
0.0427799	0.0266561	0.0269482	0.170584	0.254861	0.0719311
20.3744	13.8348	28.7192	15.2592	34.5032	29.1148
0.0810615	0.252547	0.153188	0.184704	0.263412	0.0681493
0	0	0	0	0	0
12.3421	13.5672	15.1925	15.9654	11.416	10.8326
1.01844	1.02283	0.924955	1.13162	1.19316	0.746052
1.74625	1.74707	1.89016	1.40104	1.78494	1.63351
32.8629	33.5128	32.6311	35.1032	37.96	39.5577
9.38018	7.0101	7.63187	6.8952	7.30529	4.83083
0	0	0	0	0	0
21.6493	21.7101	23.4599	25.9108	20.2478	22.46
0.320129	0.445878	1.32857	0.858158	0.346757	0.221641
4.65611	4.60105	5.90047	4.48673	5.93211	4.39154
7.64961	7.02111	8.39657	6.43265	7.90654	8.82691
24.116	25.3343	61.1806	66.2709	31.5774	33.7006
0.09418	0	0	0.0357659	0	0
10.8118	11.3953	11.828	11.024	9.99189	9.42368
3.3615	3.10154	4.19428	3.53511	2.73083	3.26083
0.0968873	0.167207	0.268624	0.2738	0.480742	0.105857
0.194989	0	0	0.222148	0.422417	0
5.22968	4.61843	8.04408	4.09306	9.0116	5.6127
0.0534904	0.0333396	0	0	0.0918507	0
5.57777	6.17599	5.47747	5.49172	6.40001	5.18955
0.0670318	0.027845	0.1126	0.0509121	0	0.0563545
0	34.048	34.4211	31.1269	59.1881	22.9695
8.5888	8.3648	8.411	7.44159	9.55078	9.08151

0.196025	0.326413	0.410425	0.749281	0.390959	0.44098
15.8189	17.2292	16.4244	16.8203	22.8084	26.9506
0.0812463	0.0506245	0.0767689	0.0925625	0.110005	0.0853809
0.0454553	0.453171	0	0	0	0
31.1556	31.4558	33.1052	30.2355	34.9364	33.0742
73.3167	85.3765	77.348	77.9047	140.776	162.568
0	0	0.120141	0.289716	0.0344312	0.0534476
5.04973	4.3187	5.14567	4.90703	3.8342	4.3078
3.8228	4.23464	4.58683	3.52568	5.06095	5.71356
1.29827	2.134	0.513672	0.59824	0.606046	0.254623
9.45077	9.20212	7.30241	10.2869	7.06192	8.40339
12.6109	13.933	14.56	15.2679	12.7219	12.2478
0	0	0	0.169504	0.0805784	0.125082
8.00195	6.59766	6.95847	5.82443	8.74051	6.76698
270.1	268.11	136.384	153.355	104.143	145.543
9.20523	9.95922	11.7837	12.4769	9.00909	9.58037
15.7951	20.3315	10.7335	20.8478	6.63548	8.00986
2.82341	2.85622	2.2598	1.36235	3.20218	2.73671
24.5051	22.2272	19.3444	20.8504	18.9836	19.4283
6.00487	6.57431	5.54492	5.70294	4.97837	4.66197
0	0	0	0	0	0
9.12361	6.11277	11.0722	4.76822	11.1889	6.1238
0	0	0	0	0.213375	0
0	0	0	0	0	0
0.105462	0.183997	0.15944	0.0720905	0.0228468	0.0354652
0	0	0	0	0	0
0	0	0	0	0	0
25.0878	30.6664	20.5313	19.4848	15.5937	18.3967
0.083288	0	0.0524654	0	0.0902159	0.0350106
0	0	0	0	0	0
0.0932134	0.096802	0.0782902	0.0353988	0.084139	0.156731
1.10172	1.09837	0	0	0.716019	0
8.21852	8.72459	9.58717	9.44029	9.52492	6.94738
228.594	210.39	159.936	167.734	125.473	182.226
0.0455271	0.170208	0	0	0.0493141	0
14.8919	17.5466	0.0936135	0.056241	0.098031	0.0831612
17.9314	17.6678	14.9679	15.3972	13.2038	11.3745
0.558448	0.306402	0.258559	0.496776	0.501771	0.195309
1.86541	1.49814	1.92139	2.29236	1.53728	1.58451
0.298157	0.504264	0.469543	0.327553	0.461368	0.447614
0.790376	0.849532	0.709478	0.641579	0.824014	0.531583
0.0318088	0.15856	0.0801488	0.0724784	0.0861365	0.120339
11.6821	10.8174	7.95343	8.58488	11.1957	9.54811

12.6662	13.1479	11.0407	11.2611	12.4634	13.3439
1.02598	0.974157	0.584743	0.695766	0.793804	0.533964
10.1591	1.39322	0.379633	0.645607	0.434509	2.17377
3.60519	3.61743	4.62731	3.16728	4.99592	3.32975
17.1562	20.1893	17.4558	27.3146	14.3021	14.4235
9.18268	5.91577	14.7639	8.935	14.6739	7.54673
0.446226	0.390895	0.512765	0.118453	0.246586	0.0924875
0.144059	0	0.124068	0	0.156042	0.0798823
0	0	0	0	0	0
1.22989	0.566156	1.40194	1.15019	1.20444	1.05858
58.9297	68.6456	56.9147	58.5834	44.5693	56.0984
0	0	0	0	0	0
0.0694579	0	0	0.0791322	0	0
0.510566	0.397666	1.12567	0.581679	1.0715	0.509721
3.35647	4.38198	3.89193	2.9137	4.7435	4.67066
6.56928	6.0725	6.83631	6.4425	7.57184	6.81761
2.89375	2.2425	3.6457	2.78427	3.27932	1.85016
0.506513	1.36763	3.29702	4.23178	0.548644	0.496803
0	0	0	0	0	0
0	0	0	0	0	0
0.630568	0.785814	0	0.179599	0.170755	0
5.83966	4.45451	8.14646	5.17966	6.96925	4.02482
13.268	15.2619	15.9143	13.0179	13.7732	11.3516
0	0	0	0	0	0
5.99782	33.6351	7.55638	30.7494	53.0565	20.1698
23.1417	16.5503	28.9548	26.1837	37.04	67.37
0.168099	0.733195	0.42356	0.287268	0.0910405	0.353307
7.53987	8.97981	4.43293	4.58136	6.39751	6.55015
0.0349071	0	0.0268485	0	0	0
35.5912	33.0938	36.6012	32.2292	45.3901	42.9822
6.68686	6.26501	8.35837	4.86271	8.7671	6.37039
24.3829	24.8799	26.0919	24.1296	27.8168	27.4635
0.289985	0.438817	0.260956	0.377571	0.314106	0.487749
45.298	44.4761	49.694	51.3133	46.7779	53.7948
22.2068	22.4418	22.0678	26.122	18.9731	23.33
0	0	0	0	0	0
12.7273	12.0603	11.3051	14.0572	13.8574	15.2592
24.0062	24.1687	22.7809	21.6558	24.14	25.8527
0	0	0	0	0	0
38.6336	36.6388	31.2038	29.6755	22.5678	21.5357
29.7387	34.4532	33.2098	31.9042	33.9907	38.6466
0	0.0130387	0.0527265	0.0357603	0.0226662	0.0175924
29.3948	29.8073	36.0294	33.2014	43.6491	40.1356

3.73872	2.68763	3.63634	2.18018	4.18063	3.60028
0	0	0	0.117111	0.445379	0.0781898
73.8093	58.1424	99.8743	65.1482	85.9309	68.098
12.0917	21.7429	7.9299	13.7129	6.57863	8.58739
0	0	0	0	0	0
2.11E-266	4.96E-132	3.14E-151	3.93E-141	3.44E-178	3.29E-122
254.607	255.361	349.599	356.765	335.861	354.908
15.3405	10.6396	13.7248	12.2799	19.7647	15.5984
1.86458	1.90243	1.0859	1.36903	1.8425	1.41531
2.21051	2.10107	2.61971	2.02752	2.31326	2.31515
0	0	0	0	0	0
0	0	0	0	0	0
1.61182	0.942832	0.87028	1.12427	1.14017	0.719018
8.3379	11.7089	5.997	6.74634	5.74014	6.25997
0.226336	0.112824	0.671935	0.257861	0.58839	0.133198
5.9028	7.78084	3.59512	5.18359	6.93403	5.8989
0	0	0	0	0	0
4.24852	3.13364	5.29639	2.43861	5.37289	2.68875
0.0571034	0.106098	0.0535095	0	0.12151	0
0.0766403	0	0	0	0	0.0322162
5.98345	6.29666	6.63368	3.87803	6.39474	4.31493
0.754013	0.416723	0.187246	0.0376262	0.892757	0.391031
15.7395	16.2705	14.9055	16.8989	15.8192	20.6355
0.0786813	0.196105	0.198254	0.13446	0.085226	0.132297
6.40432	5.93396	7.92769	4.6856	6.31202	3.82772
1.48057	1.62741	1.6138	1.21297	2.00015	1.51047
0.688528	0.750788	0.699871	0.793342	1.44075	1.15113
27.0324	26.7306	27.978	28.4731	28.2077	29.8499
6.83817	6.56764	7.67853	8.76008	9.13559	8.17715
1.72452	2.27935	2.69935	2.02426	1.9816	2.41638
9.39468	9.22412	11.3431	8.7602	12.033	10.0728
0.0338808	0	0.213424	0.0385998	0.0733979	0.028484
2.53989	2.51551	2.97639	2.94207	2.77463	2.38223
21.5376	22.1852	18.7147	20.0406	16.4371	16.9851
0.0701117	0	0	0.0399385	0	0.0294719
16.1342	16.1998	16.9189	14.0684	15.7493	13.5893
51.3432	57.5782	41.1432	54.8619	28.5919	40.9717
0	0.0486191	0.0491518	0.0222239	0.0211295	0
14.4717	14.2055	15.3763	13.3331	14.2292	12.5032
0	0	0	0	0	0
13.1055	13.9897	14.3879	12.8485	12.5949	12.6526
19.9069	19.7636	7.59046	8.74539	8.21155	9.25294
0	0	0	0	0	0

1.05354	1.12423	1.42365	1.41853	1.28973	1.442
7.24591	5.6529	11.6634	6.64769	9.96081	8.22609
0	0	0	0	0	0
2.56879	2.0748	2.81996	1.99116	3.42928	2.63412
1.21907	1.42426	2.39977	1.07059	2.42087	1.40922
0	0.0713352	0	0.0652151	0	0.192498
6.41919	6.16034	4.50198	5.31478	4.24397	5.16806
0	0.20255	1.13924	0	0.360738	0.439388
25.04	26.4066	26.445	25.1696	25.7565	27.8713
0	0	0.00831199	0.015033	0	0
9.98674	10.923	10.3703	9.62106	9.78965	8.22646
0.99096	1.23493	0	0	0	0.833112
29.4087	27.5758	32.7605	31.9701	30.7206	31.7187
38.4536	36.8197	36.4707	32.0065	32.1482	29.8523
1.14717	1.70715	0.924521	2.17614	1.55277	1.17843
14.5761	13.2146	14.6316	15.1874	14.3057	18.3673
0.298878	0.260131	0.262981	0.104042	0.495974	0.442381
378.826	327.863	382.887	363.847	383.257	338.52
5.59614	3.42683	5.39872	3.71612	5.50649	4.91744
0	0	0	0	0	0
3.22223	2.59337	3.12923	3.70928	3.4539	2.79363
0.107393	0	0.4059	0.244703	0.116326	0.180574
24.3209	21.5632	23.0818	25.023	22.2821	29.3643
1.63107	1.45269	2.49028	1.67764	3.14474	2.26204
0.529729	0.465767	0.845947	0.39083	0.777905	0.422479
3.12315	2.2674	2.86982	2.39931	3.92607	1.63803
0.336243	0.580189	0.488789	0.412543	0.336195	0.369663
167.577	174.704	185.397	180.501	139.225	162.152
0	0	0	0	0	0
15.8129	15.643	12.939	11.6388	10.948	9.7536
0.56082	0.72839	1.29065	0.49773	0.921865	0.48999
11.0265	12.221	13.9672	10.4698	14.5806	12.5739
20.791	22.0713	24.7385	24.8566	20.6206	24.6005
6.26403	6.11344	5.61001	5.01414	4.97956	5.28695
20.1403	19.7192	18.1163	17.8447	17.5978	16.1966
3.83151	3.77174	1.83467	1.85192	3.85106	4.37111
0	0	0	0	0	0
40.6118	45.2801	38.8405	40.2375	38.0725	47.4107
3.15343	2.70577	2.99593	2.9448	3.13576	3.56381
0	0	0	0	0	0
14.7214	14.4911	17.611	15.5009	18.986	16.5074
46.1355	43.897	51.0068	44.1693	52.6727	46.4928
13.8372	13.8337	18.6471	15.6761	18.9722	19.4474

8.62504	9.14195	6.92609	10.3955	5.53392	4.63183
0.851687	0.831073	0.789567	1.28154	0.722358	1.01324
0	0	0	0	0.0864978	0.0671354
1.78174	0.994209	1.87619	1.48456	2.10277	1.60972
5.7478	5.12713	5.755	4.68725	6.38974	4.85768
13.6899	14.0991	14.2482	10.2979	12.3853	13.43
0	0	0	0	0	0
7.48101	7.70008	6.88377	8.11574	8.0203	7.10506
0	0	0	0	0	0
0	0	0	0	0	0
27.1805	28.1148	20.8725	25.9094	23.7755	25.524
276.892	200.951	230.213	278.766	244.75	284.076
0	0	0	0	0	0
10.061	9.5928	9.31511	8.19284	12.2875	10.0195
0	0	0	0	0	0
0	0	0	0.509871	0	0
18.6552	16.5496	20.3155	16.3956	25.4599	20.455
6.13835	8.30048	5.9452	8.37941	4.65894	6.39521
24.2848	22.6465	23.357	22.4108	23.5562	20.9144
0	0	0.211944	0	0	0
4.03521	4.94046	4.25135	3.17237	5.23992	2.89648
52.9832	54.5942	50.3635	49.7706	73.0515	94.7154
0	0	0	0	0	0
0	0	0	0	0.0447842	0.0347594
5.52386	3.29729	3.84028	2.8205	4.94422	3.49924
14.6744	14.5369	15.74	13.7603	13.8725	11.5611
4.15415	3.31783	4.60694	5.63256	4.37296	3.78756
0.223532	0.0304672	0.164276	0.148555	0.158894	0.0822171
24.5691	29.7195	25.9459	31.2442	27.1881	38.8069
0.368448	0.48381	0.103651	0.485199	0.432534	0.202713
0.0533718	0.133024	0.0672407	0.0608056	0.635924	0.0448703
2.39222	5.96236	0	0	0	0
7.56732	12.9803	7.50643	8.547	12.4365	14.1133
0.280719	0.699664	0.353665	1.11937	1.21628	1.29802
8.34939	9.04283	4.48303	5.27287	4.96293	4.04747
0	0	0	0	0	0
12.3876	10.3058	14.3797	13.1268	12.5688	10.7042
35.5592	36.6972	33.7683	33.0011	32.7149	30.0856
0.240588	0	0	0	0	0.404531
3.45868	3.39479	3.00909	3.50761	4.70585	4.30584
0.458158	0.441524	0.551727	0.382841	1.10574	0.376106
4.32022	7.99406	4.92216	6.52627	10.4871	10.1811
0.0822216	0.102464	0.0776904	0.0702552	0.0222652	0.0460831

0	0	0	0	0	0
103.75	70.6173	46.9404	48.7655	35.2999	51.5248
0.480492	0.162268	0.255101	0.347365	0.205202	0.249435
0.667999	0.41695	0.726427	0.276592	0.525943	0.204106
8.878	10.2409	11.5541	11.5404	11.447	10.4341
2.36763	2.40015	3.70102	4.16437	5.60371	3.76462
3.27597	3.45697	4.57659	3.58177	3.64863	3.10953
2.29516	1.59836	2.29625	1.92267	2.12047	2.44034
8.11135	8.51307	7.93764	7.26702	8.60639	7.39017
263.504	149.128	334.57	177.017	384.692	153.001
32.5164	35.793	30.431	40.0225	24.293	23.7646
0	0	0	0	0	0
0.961348	1.07324	1.13547	0.867071	1.18232	0.913454
0	0	0	0	0	0
12.7205	13.0538	15.741	16.5046	19.1059	20.5705
7.51911	7.65792	8.65546	7.47924	5.3332	6.06466
0	0	0.0339379	0.0460349	0.043768	0.0226471
18.6812	17.39	17.1719	15.931	15.861	14.1953
9.70252	9.42407	9.73278	10.1947	10.6862	10.5733
0	0	0	0	0	0.0259229
1.89738	2.25415	1.83087	1.82442	1.7374	1.62036
6.19985	5.07392	4.77887	3.45278	6.66399	6.32013
1.03026	1.23026	0.748698	0.814118	1.57254	1.18025
0	0	0	0	0	0
11.2904	11.4827	12.4804	8.67289	12.5507	8.45298
4.27131	4.11315	4.36206	3.87087	5.0472	4.37986
0.234585	0.330061	0.295543	0.965581	0.319672	0.241752
3.08253	3.38951	4.11198	3.51187	3.33893	3.58239
0.0494918	0.074012	0.074823	0.0563852	0.0536085	0.141469
4.23976	3.93086	4.81057	4.743	4.85525	3.91872
2.35894	2.08893	1.56431	2.42515	2.30574	3.12236
0.143325	0.0723972	0.173756	0.0791483	3.28E-94	0.262419
2.7571	3.31527	4.07624	4.47699	4.92682	4.24384
43.557	71.5528	34.8663	49.1671	44.8948	52.6109
5.74992	3.08044	1.43783	1.70212	0.171694	0.710725
0.17107	0.213187	0.492624	0.0835273	0.450013	0.102729
4.99847	4.86925	5.49892	4.3312	6.02428	5.47477
6.08109	5.25532	5.74305	5.56138	7.68639	5.79513
0.621426	0.610149	0.284693	0.10727	0.448744	0.379957
0	0	0	0	0	0
19.1502	16.9687	19.3104	18.126	14.6307	13.4982
0.525816	0.448515	0.272814	0.137153	0.358169	0.462311
7.43964	7.22408	8.04463	5.59359	7.64449	6.0181

0	12.8533	0	165.179	0.319198	5.69816
20.6942	19.8673	17.011	15.6784	17.3	17.5137
0	0	0	0.0972073	0.0462102	0
16.5395	14.3662	14.0552	11.5803	12.1801	11.1359
29.5379	35.0024	23.5305	28.1172	29.0506	32.2366
9.95967	10.4001	10.0507	8.91837	9.49778	9.25154
32.4959	33.8549	30.2138	32.9496	23.5129	24.2599
5.24606	4.80632	5.39017	3.92938	6.49848	5.16002
0	0	0	0	0	0
0.142052	0.0590083	0.0894824	0.107892	0.0512892	0.119425
1.3435	0.918983	0.793179	1.00478	1.03198	0.942955
23.0896	26.8754	25.1931	19.8885	23.3846	21.7461
97.9601	112.314	99.9126	109.404	87.8305	98.3347
0.889309	0.580515	7.25592	7.23696	1.42199	1.74452
0	0	0	0	0	0
0.240417	0.128403	0.17308	0.508677	0.70684	0.635239
0.837768	1.42367	0.287854	0.173537	0.659966	1.5367
94.4929	85.3326	76.907	65.0822	69.5059	65.3187
2.86702	3.17143	4.05887	4.11046	3.62889	3.06031
0	0.191221	0	0.174816	0.332414	0
5.99674	6.34475	5.66274	4.01519	4.05423	5.62207
28.3059	30.9849	27.2617	31.1401	21.8505	28.4587
10.0991	9.95195	10.7651	8.80627	10.7205	9.15144
0.0978594	0.121952	0	0.0557447	0.0529996	0.0411358
8.52823	7.83357	8.93348	7.56543	8.39688	7.52424
5.04009	4.99063	3.8638	3.31014	5.88926	4.44838
0	0	0	0	0	0.0392682
44.489	45.9114	40.5686	38.2401	33.9223	34.6345
0	0	0.0635884	0	0	0
7.90246	8.32185	8.53566	8.08447	9.53868	8.01447
7.91334	8.10404	7.6914	8.0189	10.3213	9.7482
15.6362	17.4324	14.2355	17.4272	14.6756	16.4216
28.6328	29.3587	29.9614	26.0776	25.79	25.5251
0.241714	0.0860639	0.0870069	0.15736	0.112208	0.116121
0	0	0	0	0	0
0	0	0	0.0233124	0	0
0.132972	0.0736484	0.297822	0.0673299	0.0800178	0.0869484
0.719347	0.599452	3.1146	2.47931	1.65189	0.647661
1.03562	1.23461	1.62846	0.804637	1.15183	1.2652
15.9528	13.1887	12.1533	9.17627	14.3265	12.808
0.294741	0.204059	0.144406	0.205207	0.567569	0.234026
7.15779	7.71137	6.8117	8.67014	6.26105	8.08002
0.203898	0	0.256882	0.261335	0.386502	0.299984



16.4039	16.4071	15.541	18.2774	16.5571	20.5466
19.4066	19.3662	20.2316	17.7408	22.2333	17.843
0.126875	0.221356	0.0319688	0.0867279	0	0.0853323
0.898582	1.11981	0.716986	0.682493	0.194665	0.0503633
38.0989	36.5175	35.436	37.7111	37.0218	42.3293
1.18792	2.06357	0.99774	1.02529	2.06657	1.96726
0.684569	0.321928	0.537001	0.338455	0.923391	0.510371
0	0	0	0	0	0
3.20062	3.43372	3.67113	3.29195	3.6642	3.44759
61.476	68.1352	56.6874	68.8464	48.3128	72.357
34.8193	37.5668	36.2716	38.7584	35.4556	39.866
0	0	0	0	0	0
69.8254	70.6166	64.6159	103.772	65.9756	89.022
0.671452	0.278921	0.140989	0.59498	0.242434	0.282249
28.7697	24.9899	30.353	28.1494	24.7267	24.5166
21.2012	21.5402	23.5164	25.2689	21.2267	20.0419
0	0	0	0	0	0
0.0228364	0.021344	0.00719263	0.0130085	0.0494718	0.0191988
23.6134	26.3472	27.222	23.3852	27.1793	27.4515
0	0.0974291	0	0.0429444	0.152086	0.0587876
0.237131	0.295512	0.252789	0.374067	0.41492	0.368047
2.54977	2.84169	4.75322	3.33002	3.32322	2.73617
1.1349	0.885154	1.82546	1.57499	0.759563	0.939954
0.0714262	0.0175825	0.0899866	0	0.153249	0.023723
0	0	0	0	0	0
6.49316	5.99897	6.10697	5.63295	5.60436	4.93336
0.274389	0.321829	0.427029	0.367773	0.524493	0.407086
44.2528	42.3716	46.5582	33.9034	59.9022	41.2031
10.4895	13.5231	13.1502	10.6901	12.8944	10.666
0.0964247	0.120164	0.218666	0.329565	0.0835562	0.0324262
23.8291	21.3577	23.3047	20.7483	21.1799	16.3937
49.4146	38.7489	44.9559	45.0474	59.2685	68.0389
184.259	185.084	161.544	187.649	135.87	174.329
3.17409	2.86686	3.99889	3.68254	5.17293	6.04695
20.7884	16.7174	18.2844	12.8027	24.3355	17.2315
0.0154811	3.77E-150	0.0704073	1.00E-38	0.0341069	4.91E-27
1.07289	0.993224	1.11997	0.733394	1.42776	0.618508
96.4815	104.601	64.2525	63.5059	53.5142	72.161
86.2506	82.0903	63.5579	58.3504	45.1249	59.6174
0.0499303	0.041482	0	0.0758463	0.0721113	0.0335816
3.09969	5.10172	1.88701	3.7985	0.533428	0.486968
0	0	0	0	0	11.9483
1.87095	1.69154	1.94116	1.50462	2.54316	2.18977

0.1898	0.189223	0.191296	0.324354	0.287822	0.430831
0.365576	0.172527	0.204396	0.212929	0.535881	0.37245
16.8601	17.6582	17.3998	18.9165	17.8185	21.1541
18.0092	18.3703	18.3703	19.9478	17.963	19.4971
0.0919978	0.0382158	0.0579519	0.0698743	0.0830418	0.0515624
34.5569	43.5479	33.1041	42.1579	43.667	48.9257
43.6804	44.0576	51.7511	49.0465	53.1233	61.0894
10.8832	11.5652	11.8333	10.4999	14.4795	11.656
19.3711	16.7695	13.4481	9.20852	15.8046	15.5167
19.6946	18.1121	18.3408	18.7733	18.2258	17.6673
0.0225892	0.0563014	0.0569183	0	0.0489364	0
9.3319	9.9232	12.956	11.6282	12.0902	13.8692
9.88448	8.4958	14.657	9.59616	13.951	10.0125
3.56931	3.68722	5.39428	3.87923	3.6119	3.00076
0.24478	0.228783	0.0770968	0.139437	0.13257	0.0514474
37.9205	36.1633	37.7083	35.7427	28.6723	28.9852
72.1576	70.116	71.6852	65.3076	52.9098	58.2586
0.60546	0.251508	0	0.22993	0	0
0.158394	0.098695	0	0	0	0.199745
3.9477	2.49188	4.18428	3.86119	5.78296	4.0895
0	0	0.107654	0	0.138836	0.0359193
0	0	0	0	0	0
0	0	0	0	0	0
5.56883	10.3061	2.80128	6.25543	7.88616	3.56273
10.608	13.1628	13.3645	14.2427	14.4309	11.354
0	0.0266462	0	0	0	0.0179761
0	0	0	0	0	0
85.2005	78.8816	61.1297	73.2126	51.1209	68.3285
0.353599	0.220327	0.278427	0.302137	0.861775	0.891825
15.554	16.1571	14.4639	21.6107	11.6116	12.5522
209.779	217.715	219.101	219.254	195.764	236.927
0	0	0	0	0	0
15.5941	15.1521	15.0779	14.0964	18.0958	15.8656
10.7367	11.9236	13.7286	12.1159	14.1268	15.4141
13.024	13.5866	15.4803	13.9316	12.5913	10.0205
1.31947	1.32528	1.29018	2.89433	1.47189	1.85439
0	0	0	0	0	0
0.0474677	0.0887312	0.0299012	0.162237	0.077124	0.11972
0.830824	1.27233	0.862123	0.440293	1.77019	0.991257
1.49745	1.13729	2.0647	0.937213	2.58965	1.15627
0.0752079	0.0624826	0.0526394	0.0476017	0.0271545	0.0140507
0.20762	31.6951	0.472462	327.62	0.764624	10.8918
0	0.141013	0	0	0	0.03171

16.9373	16.4199	15.8163	15.3476	15.4299	13.9783
2.59053	2.43706	4.54357	3.09602	6.54736	4.5266
1.49216	1.30617	1.84087	1.27058	2.19232	1.56267
3.24474	2.70192	3.91171	2.42932	4.65508	3.10442
0	0	0	0	0	0
0	0	0	0	0	0
4.53504	4.89862	10.3671	10.0259	13.7306	14.3444
0	0	0	0	0	0
0	0	0	0	0	0
0.0215984	0.0807478	0.217687	0.0492135	0.070185	0.0544742
11.3142	13.1167	13.8851	14.2382	15.8196	16.8639
11.8246	12.7608	13.1659	11.493	14.2529	11.5599
0.905382	1.74284	1.72736	1.57724	0.901399	0.88841
0.0347388	0.0865828	0	0.0791546	0	0
69.0719	63.3991	60.0974	64.9322	50.0857	59.1068
21.6934	22.1332	18.1376	21.3312	26.5848	20.5528
5.2569	5.67771	6.80236	5.5607	6.27249	5.5743
23.0666	24.6171	24.6131	25.4028	24.2791	24.8491
0	38.3485	0	0	0	0
0	0	0	0	0	0
0.322417	0.120704	0.406199	0.300393	0.354086	0.221669
10.6858	11.6755	6.51594	4.86178	9.28409	8.73697
5.89636	5.53166	5.94701	4.52873	6.85327	4.85966
0	0	0	0	0	0.0139325
4.34762	4.16306	7.28365	5.13192	5.15739	7.29061
58.013	55.6807	54.9526	51.3864	50.5934	50.2819
0.146013	0.0699852	0.311309	0.396682	0.669133	0.321052
64.6372	47.8998	87.2427	64.9894	101.094	67.6362
0.616735	0.967946	1.15082	2.05531	0.717232	0.364767
7.46632	7.42853	8.57488	8.17742	10.923	8.32522
0.10353	0.172025	0.0434774	0.0393165	0	0
23.7956	22.1043	25.3365	24.1213	28.0749	27.3562
2.57676	1.83652	2.72279	2.23474	4.17852	3.57948
48.8424	49.8914	49.3693	56.6714	43.4841	63.5527
5.29824	5.72143	5.15661	5.71339	6.06532	6.31194
22.0766	23.9138	20.5492	19.0884	18.7436	18.3253
0	0	0	0	0	0
0.187242	0	0.0471795	0.127993	0.0405633	0
7.36322	8.98858	8.85705	8.64626	7.1617	7.15398
0.269012	0.363628	0.490927	0.148562	0.289915	0.231685
8.42794	7.57185	6.61771	6.43097	11.1034	9.91966
19.6246	22.035	23.1292	17.7073	18.3017	17.8939
24.2084	25.4025	23.079	21.7853	24.3165	21.992

6.27765	6.30325	6.52596	5.39541	7.42614	6.26776
0	0	0	0	0	0
21.289	22.5771	27.4993	26.873	29.1791	28.8355
0	0	0	0.174692	0.0415223	0.0644553
3.02715	2.79411	3.18387	3.20859	3.61528	3.37352
2.94441	3.66932	4.05242	3.83373	1.71527	3.47388
12.45	12.9214	9.48739	12.0284	7.62407	9.35337
19.9771	19.9996	22.7941	17.882	18.6456	18.5544
2.00378	2.26053	2.01957	1.7542	2.1476	2.4471
13.8564	18.0477	12.3889	22.4065	20.9158	24.6514
0.38261	0.20446	0.18722	0.144509	0.490546	0.231775
101.215	64.614	117.579	87.0249	125.928	160.484
1.06859	1.62761	1.19669	1.42034	1.54331	1.04811
80.1331	79.7582	74.3495	59.4092	74.9548	83.0752
12.8815	13.2478	12.9168	13.3654	12.3335	14.1587
1.13183	1.51898	0.548439	1.0415	0.848752	1.24433
1.67187	2.80152	2.32052	2.59345	1.81094	1.56438
0.60739	0.968198	0.938288	1.21282	1.61197	1.10455
13.7253	14.8574	13.5715	14.911	14.0687	15.8247
0	0	0	0	0	0
3.93E-06	4.58E-06	5.21E-06	0.0403064	4.63E-06	4.05E-06
9.74942	9.66384	12.3026	16.3581	15.0946	14.2274
0.790168	0.350331	0.31629	0.483408	0.79069	0.477378
0	0	0	0.0961769	0	0
0	0	0	0	0	0
1.9827	1.76541	2.75372	1.83828	2.48196	2.13125
60.2808	66.7872	60.0384	63.5025	69.3958	76.3908
0	0	0	0	0	0
1.41952	1.18969	2.23917	1.30318	2.60443	1.42369
0	0	0	0	0	0
1.43466	1.1907	1.3601	1.27459	1.72317	1.03309
13.2397	13.5587	16.631	10.9422	15.4748	13.5227
0.348841	0.579633	0.146496	0.794857	0.377857	0.488791
0	0	0	0	0	0
31.7854	33.9092	34.4461	35.1913	28.3001	29.4497
0	0	0	0	0	0
0.45517	0.288968	0.443611	0.567489	0.697686	0.368227
24.9718	24.8013	27.7319	25.0349	29.9469	25.3251
7.56929	6.98266	7.82204	7.84775	7.11882	6.31214
226.116	195.108	184.178	185.019	260.178	172.291
23.6611	25.9458	23.6678	29.1313	28.4024	36.6936
39.6725	41.54	44.9587	44.4207	46.8296	48.9557
4.45852	3.98748	4.09448	2.70825	4.15176	2.47338

296.547	313.271	85.6974	95.0634	151.663	154.459
45.7478	45.8552	49.9897	46.9808	50.5978	48.3261
42.1938	53.7225	44.1639	47.6536	32.3196	37.3965
14.1746	9.30879	14.8501	8.0227	9.52034	5.13549
21.0106	21.9373	27.7768	22.2269	22.4258	19.7836
0.759542	0.426051	0.191432	0.043283	0.082314	0.0959449
7.02476	8.04774	8.063	5.96782	6.86898	5.05307
23.2438	24.2509	21.8642	25.7481	22.0019	24.9565
2.08734	1.97501	2.24042	1.76153	2.3447	1.1699
0	0	0	0	0	0
0	0	0	0	0	0.137031
4.13368	2.24123	5.6345	3.4335	8.23058	4.25637
0	0.0710955	0.0718746	0	0	0
4.86085	4.6781	3.69583	4.5455	3.67912	3.69054
0.648076	0.549189	0.849141	0.590674	0.898538	0.74099
0	0	0	0	0	0
0	0.0733025	0.370528	0.402081	0.318568	0.197806
25.4762	28.4719	27.299	31.8134	24.5511	30.2598
85.7247	87.7185	69.1839	77.6325	64.8915	75.2517
0.669864	0.515494	0.491854	0.39374	0.754739	0.384786
0.0916721	0	0.358233	0.0809874	0.0769992	0
72.1358	75.4122	69.97	81.3896	66.8917	82.0792
0.406349	0.555714	0.611806	0.182851	0.87187	0.275543
7.74613	8.21371	8.18386	6.42525	10.2452	9.10575
0	39.7988	1.08743	1152.5	0	61.6803
0	0.0634539	0.0427661	0.05801	0.0183844	0.0285382
0.818323	0.494899	0.454838	0.45244	0.795144	0.607036
17.0564	18.1683	20.5079	18.259	18.5498	22.2763
1.85994	1.03927	1.53568	1.17054	1.17439	1.40227
0.0763153	0	0.192292	0.391251	0	0
0.286065	0.511927	0.416227	0.406645	0.464263	0.450049
0.979573	0.910961	1.50662	0.844564	1.55984	1.36542
5.398	5.67395	5.08486	4.65486	7.50527	6.73899
0	0	0	0	0	0
18.2505	17.7982	19.2887	18.1066	26.992	25.9864
17.0987	15.2248	16.0035	13.0936	23.2181	17.6913
0	0	0	0	0	0
17.571	19.0732	13.3084	15.4152	15.6714	19.448
0.181414	0.414476	0.342833	0.826728	0.884268	1.93188
0	0	0	0	0	0
15.5826	16.0864	16.7114	17.5924	18.5875	16.3114
3.68807	3.42833	4.60868	3.39403	5.25321	3.16326
9.18914	9.39203	7.39004	8.19315	7.69133	6.18339

0	0.00651062	0	0.00529071	0	0
0.976105	0.845702	1.10092	0.857875	2.25557	1.97731
453.869	440.002	416.887	396.432	282.077	322.834
5.91361	4.68865	6.27701	5.08213	8.33219	5.90333
0.37076	0.34103	0.166823	0.311855	0.325104	0.398302
0.0810918	0.30317	0	0	0.175674	0.0681749
2.01904	1.64974	1.41357	1.73814	1.62825	1.56544
0.00997204	0.0124271	0.0251266	0.00568049	0.00540075	0
1.19204	0.76916	1.39527	0.753463	1.79813	1.03769
3.9249	4.35832	4.21367	3.88001	4.1025	2.8375
28.8531	30.1458	26.8283	27.6937	26.4211	26.4649
110.598	124.238	143.008	153.919	134.726	142.56
0.187828	0.117035	0.236636	0.106994	0.203451	0
0.0301566	0.263067	0.303943	0.309212	0.0979949	0.152118
4.06529	4.73395	4.44998	3.41669	5.60657	4.14611
0.416397	0.829611	0.402788	0.551111	1.44118	1.18019
6.82467	6.64256	7.29465	5.90035	7.25472	5.43748
51.1856	59.5507	40.7651	50.2873	33.438	46.7621
0.24894	0.232672	0.196018	0.177258	0.471882	0.313931
0.401806	0.0556367	0.0562464	0	0.241794	0.150135
43.3051	45.8385	48.3707	48.4162	42.9449	44.3118
1.57045	2.16949	2.43866	1.98336	6.67244	6.27396
12.3123	12.5857	10.8857	8.74601	14.0159	16.4636
19.1809	20.515	15.8867	16.2233	16.5675	18.1144
12.6882	12.1033	9.06792	9.3828	7.64636	10.3567
3.50479	3.41997	5.2903	5.42439	6.66147	4.05842
1.22117	1.24357	1.07931	0.751986	1.32358	1.37021
17.9698	13.5168	17.4981	15.5652	15.0831	16.3714
0.462371	0.242613	0.183954	0.360423	0.316314	0.245508
0.0421961	0.0591579	0.0132902	0.0540825	0.0114265	0.0354748
50.6085	50.2498	69.0922	54.9267	64.5923	50.8984
11.7001	12.5485	11.967	10.3975	9.0818	8.73396
112.214	93.3765	120.17	95.6681	92.8617	98.1713
11.1298	13.1778	12.5187	10.5003	11.2757	8.30194
111.991	91.7532	73.7911	58.7014	69.8699	125.043
19.7628	19.7291	18.4729	19.3681	23.0179	30.0585
0.845097	1.21113	0.42588	0.385122	0.961161	0.781532
0	0	0	0	0	0
0	0	0	0	0	0
0.409046	0.458656	0.500776	0.570256	0.781369	1.02731
13.3582	11.6797	13.7809	11.0553	15.1874	10.8403
3.24733	3.77842	1.89965	2.1142	0.915594	0.869047
23.6023	43.9175	35.4021	38.0893	77.6509	63.1927

0	0	0	0	0	0
32.7175	30.2897	25.3972	30.6877	33.6156	42.5364
10.6005	10.6333	6.595	6.35954	6.00543	7.08658
0.211449	0	0	0	0.229037	0.355536
22.187	24.5226	25.3277	23.9456	25.9899	26.887
324.716	436.626	316.556	510.135	253.713	291.832
0.0647816	0.103182	0.0473272	0.0838489	0.428494	0.208902
0	0.152609	0	0.279031	0	0
0	0	0	0	0	0
1.37327	0.792302	1.85828	0.724328	2.14862	1.75317
0.422654	0.332156	0.609406	0.650055	0.773318	0.398778
0	0	0	0	0	0
0.153374	0.10922	0.0828124	0.149774	0.450928	0.239466
2.33254	2.5623	2.85159	2.12594	2.62013	1.81573
18.3882	19.2206	15.1009	17.7806	17.5099	18.5532
0	0	0	0	0	0
0.250419	0.0891634	0.0901404	0.611353	0.658747	0.601515
0	0	0	0	0	0
20.1514	23.2274	19.4544	20.0965	18.7977	18.4053
6.67482	6.44941	7.7642	5.85443	8.43833	7.87161
170.767	172.16	199.626	153.403	176.975	147.836
0.0387384	0.0965516	0.170817	0.110335	0.272745	0.260543
0	0	0	0	0	0
0.390086	0.583349	0	0.355534	0.591546	0.459129
0.17277	0	0.435329	0.196833	0.187141	0.14525
118.232	113.827	99.3296	94.0069	87.4115	104.293
0.144688	0.174254	0.177952	0.215382	0.285596	0.174434
124.96	137.847	122.596	143.611	130.569	148.221
0	0	0	0	0.156867	0.0811686
11.5025	9.64056	11.2522	10.201	11.14	10.6373
29.7632	173.899	41.9241	236.6	55.6186	20.3306
0.715596	1.74498	1.46741	0.904567	1.40676	2.75367
10.2914	9.77835	10.119	11.8489	11.9505	13.7301
0.116073	0.123986	0.125344	0.207806	0.16165	0.0697028
23.5007	26.065	20.2317	25.1675	16.546	18.1108
42.0223	35.4873	40.7009	36.8503	42.2847	50.3718
7.84702	7.29756	9.7485	7.49464	9.59177	8.20044
0.0916724	0.114242	0	0	0.0992976	0
37.3224	39.9337	29.1307	42.6639	25.3178	31.9056
46.4234	43.5516	41.0233	39.692	47.7495	45.3695
15.2209	15.1229	18.1932	15.0627	17.0161	13.1303
0.0745688	0	0.0234865	0	0.0403857	0.0470182
6.97339	6.94791	7.10209	10.4101	10.1419	11.6187

0	0	0	0	0	0
4.2458	4.62966	4.20842	3.27226	3.48308	3.59569
0.100437	0	0.0316338	0.178793	0.122391	0.172397
0.196002	0.0814193	0.219497	0.347359	0.424612	0.238018
109.33	107.148	125.643	103.129	93.3145	116.39
11.2777	10.8726	10.5387	14.2927	11.9291	13.8457
6.76026	6.63161	9.30628	7.38104	8.65285	7.31632
0	0	0	0	0.387867	0.0602088
6.51511	6.01026	6.43144	5.31789	6.33911	5.833
0	0	0	0	0	0
1.98151	1.39572	3.31046	1.66859	2.47294	1.37616
6.17005	5.81102	6.92454	6.44364	7.14418	6.29027
1.50812	1.17374	2.29393	0.787694	3.26374	1.90121
0	0	0	0	0	0
9.642	9.59575	10.0261	9.89796	18.1887	13.9794
3.01998	3.25033	3.09718	2.67254	3.78485	3.07406
4.21735	4.20452	4.64417	4.96491	4.77117	3.887
0	0	0	0	0	0
2.53821	1.74861	2.53738	1.0191	3.27293	1.43855
0	0	0	0	0	0
8.7884	8.48218	8.46013	7.73961	7.54209	7.95855
3.25188	3.16183	3.91681	3.88802	4.27717	4.97209
0.186895	0.316883	0.129742	0.187723	0.22664	0.138526
33.5061	36.2121	32.5492	30.6867	31.6256	28.679
15.0413	17.7825	18.0107	16.2569	16.392	16.2218
0	0	0	0	0	0
3.22405	2.65744	4.12579	3.9334	4.61963	4.1191
6.99651	7.61011	11.1959	8.04929	13.512	7.57629
7.82558	6.15158	6.55982	5.38176	4.63497	3.05211
3.97757	3.48115	2.60121	2.59442	3.15732	3.16531
109.077	118.587	106.34	116.852	97.8978	110.134
3.13181	2.41059	3.71353	0.524708	5.08847	1.62623
0.345046	0.572768	0.631971	1.14246	0.58836	0.702661
14.6079	15.4061	13.8852	16.5743	12.5729	13.7346
47.7294	48.9465	42.3069	34.7379	40.3426	41.5628
0.0292829	0	0	0.0333615	0.0317186	0.0492369
92.5707	92.8231	94.5668	83.5352	79.8515	78.9446
219.663	162.322	203.711	190.772	256.026	368.284
6.70816	7.45373	3.99668	5.49657	8.37575	7.66768
0.604223	0.592301	0.20284	0.375131	0.868918	0.694887
52.1495	49.5014	40.4557	40.5637	39.5913	56.8414
0.113495	0.159118	0.28602	0.232748	0.030733	0.194811
14.2273	14.1267	12.5825	13.9928	13.0635	14.9393



3.26377	2.03265	3.67541	1.80054	4.57286	2.7739
0.0204631	0.0255011	0.051561	0.0466265	0.0443304	0.0172036
0.502322	0.391246	0.395533	1.14775	0.766281	0.675693
0	0	0	0	0	0
0	0	0.840878	0.380202	0.722958	0.280563
4.29705	4.6034	2.70683	1.88951	4.4095	5.54562
11.2476	14.1021	13.8504	13.1705	10.8012	12.2182
3.28761	3.012	3.67683	2.95198	3.84023	3.20898
0	0	0	0	0	0
1.68895	1.19514	1.4683	1.01066	2.01229	0.723567
14.7689	14.3829	12.994	14.6306	12.2347	12.8092
51.8758	53.5051	52.1305	52.8883	45.9906	54.2445
8.59625	7.91506	11.7958	16.0627	12.4842	14.546
30.8582	36.4429	34.9134	36.1423	36.9235	41.1544
0.0125622	0.0626252	0.113967	0.0644107	0.0612389	0.0475307
13.5185	16.5258	14.3279	13.6901	14.0387	12.7362
1.74476	1.10247	1.20743	1.42784	1.06473	0.826389
2.01872	1.91538	2.80341	2.01241	4.29873	3.81862
38.1522	36.2511	51.0856	40.6103	47.9796	42.5506
0.721306	0.719112	0.45437	0.698505	0.351587	0.60641
0	0.160095	0	0	0.139152	0
13.8602	12.4219	16.4407	12.9082	18.6883	14.1694
119.743	94.3649	96.156	106.467	133.935	183.15
0	0	0	0	0	0
0	0	0	0	0	0
2.53861	1.9499	2.49425	1.38243	1.97153	2.20135
12.6404	12.8949	11.6286	12.9684	16.979	16.8334
0.362891	0.357027	0.433127	0.195838	0.0827529	0.1124
0	0	0.0450414	0	0	0
77.3695	84.7689	76.1356	96.1544	54.9159	81.4192
18.6809	17.6578	20.1913	18.2373	19.1072	19.8575
4.57553	5.16827	4.19733	4.55155	4.28822	3.75985
0	0	0.0358181	0.0647804	0	0
12.3018	13.0029	12.672	10.1172	12.8746	9.94905
12.9058	12.3937	13.5688	12.7088	13.334	11.3279
8.5396	6.45155	12.8371	7.90181	14.6163	8.78596
0.417908	0.236726	0.574367	0.605965	0.987643	0.606861
0	0	0	0	0	0
0	0	0	0	0	0
2.2575	2.14857	2.95457	3.4566	2.36122	2.99083
1.07347	1.12653	0.747385	0.740225	0.336587	0.427488
1.97103	1.21218	1.43508	1.45814	1.76067	1.36655
0.89329	1.59031	1.44696	4.07084	1.10582	0.643714

0.0886037	0.0552089	0.334883	0.151417	0	0.0744902
31.0912	30.3501	29.8279	31.363	27.9979	32.5153
0	0	0.0385171	0	0	0
2.54254	2.22901	2.57003	1.76832	3.8108	2.08783
0	0	0.170198	0	0	0
7.87806	8.06612	8.76027	6.68304	9.67113	6.87815
0.260417	0.649063	0.164044	0	0.705197	0.766276
0	0	0	0	0.0391141	0
0.0681113	0.0848803	0.128716	0.038799	0.0184442	0.0429465
2.92601	3.05938	2.64038	3.56268	5.00012	2.49817
9.27994	12.1876	11.0381	17.8786	12.4516	17.0329
29.6746	25.9972	26.2821	27.659	19.8408	20.5174
7.78026	8.10906	8.86526	8.47083	9.2012	7.02305
37.2704	41.5519	36.4789	34.6563	44.1336	49.1591
15.7697	15.2063	11.8804	9.83736	13.1433	15.3591
5.79904	6.56922	5.97709	10.211	4.22531	5.76126
31.8761	34.5056	43.1871	41.2982	37.01	44.0359
0.391056	0.289354	0.523465	0.37591	0.820693	0.534244
2.18684	2.79512	2.68446	1.34154	3.03685	2.4042
0.0393604	0.0245254	0.0495883	0.112107	0	0.0165454
0	0	0	0	0	0
0.91407	0.569556	3.52676	4.8164	0.43317	0.576352
2.80115	2.8561	1.71105	1.5473	3.264	2.06951
3.97562	4.51134	5.7824	4.7503	4.06124	4.15756
0.104045	0.12966	0.196622	0.355609	0.112699	0.0874717
6.33251	6.31325	6.6148	5.77161	6.11338	5.26179
0.538964	0.632147	0.778871	0.307016	0.927203	0.333172
4.40591	3.84451	4.21947	4.19431	6.90473	3.66111
1.53275	2.08376	1.57995	3.17498	1.35838	1.64004
5.35709	6.62599	6.26887	5.87465	4.99857	5.58332
37.8674	38.1714	37.5632	36.1438	36.8734	32.4323
18.624	18.9798	17.3841	19.9565	17.2265	19.3885
0.243275	0	0.102164	0.27716	0.087837	0.13635
0	0	0	0	0	0
184.976	139.525	259.018	216.247	307.381	274.854
0	0.0417556	0	0.11452	0	0
20.8354	21.1226	23.5085	19.1605	20.6941	17.9929
1.64966	1.54752	1.37789	1.54974	1.81031	1.38496
0	0	0	0	0.0142626	0
2.37831	2.96385	1.08957	0.738974	1.17097	0.727083
6.55026	5.98924	6.91368	5.86083	7.68504	5.40128
0	0	0	0	0	0
0.825302	0.652964	0.498791	0.402896	0.474911	0.332848

1.84434	1.79876	1.61642	2.10123	1.99776	1.55056
4.75345	5.36764	5.57311	4.53136	5.82134	5.0239
0	0	0	0	0	0
0	0	0	0	0	0
2.68896	2.36092	2.92574	2.29775	2.68105	3.18545
54.0804	61.4781	48.0942	51.2269	50.8643	57.0022
0	0.104135	0	0.0952004	0	0.140503
0	0	0	0	0	0
1.30357	0.922081	2.99212	2.90463	4.1328	2.66722
4.18829	4.44444	5.8512	5.10229	4.49177	4.53199
5.51419	5.12656	7.99465	3.29069	8.91188	4.96698
8.3943	12.3355	7.37311	10.6818	8.9775	6.51351
24.6538	23.7198	23.3007	26.3351	29.1415	27.3415
71.4818	73.8842	71.8401	82.1722	75.372	108.616
10.6941	9.9417	13.5597	13.5156	9.05091	10.465
0.0450995	0.0562029	0	0	0	0
153.145	152.664	156.57	136.458	112.034	121.595
0.619657	0.421209	0.390339	0.994769	0.762727	0.876149
14.6215	13.8509	16.8349	14.6295	16.6169	15.4676
10.229	11.7401	13.2519	11.3023	13.4128	9.71962
0	0	0	0	0	0
26.0057	25.605	25.0798	24.3971	22.9978	21.4697
0	0.0426739	0.215707	0.117038	0.0370916	0.0575774
4.37223	1.96719	4.28486	7.88535	4.20993	3.16463
25.2551	24.5888	22.3572	19.5686	24.6819	24.2799
0.0673155	0.0209721	0.0212019	0.0766914	0	0.0377286
0.973947	1.09809	0.905938	1.30994	0.616961	0.774066
0.199883	0	0	0.113862	0	0
451.738	455.546	424.211	523.823	199.731	333.407
10.337	11.2236	12.7836	12.5348	12.5868	13.5251
22.4595	24.712	22.3759	27.7324	17.7905	24.9344
1.127	0.86516	0.681805	0.313978	0.356356	0.172102
0	0	0	0	0	0
0	0	0	0	0	258.678
89.7642	87.6096	90.396	97.9485	74.8796	88.4781
3.55E-25	4.72E-14	1.10E-08	1.17E-16	7.55E-20	2.59486
25.4777	28.5863	27.5322	24.6591	22.9511	20.6204
5.99782	33.6351	7.55638	30.7494	53.0565	20.1698
10.5532	9.28189	7.75167	6.05492	10.6056	10.1373
1.63421	1.03786	0.970041	0.769792	0.970172	0.779422
17.2509	15.624	14.7245	12.1986	13.8364	16.4667
7.25712	7.24941	8.83815	7.23115	7.22442	5.92683
0.0234035	0.0274503	0.24729	0.0745974	0.255791	0.109436

5.43871	4.37068	5.05894	5.73296	5.67087	4.40146
0	0	0	0	0	0
0	0	0	0	0	0
14.5807	15.0015	13.1764	16.1209	18.348	20.1889
42.455	34.0804	32.6286	24.8303	40.6345	37.3994
0	0	0	0	0	0
0	0	0	0	0	0
17.0875	18.5078	15.798	14.5207	14.2018	14.0826
4.30554	4.26498	3.77493	3.12416	4.43327	4.30679
15.3927	13.9758	14.3338	15.5797	14.2794	15.6049
126.315	76.2314	98.0395	64.4665	116.638	72.8301
19.3384	19.2796	19.2151	22.6971	18.5229	18.4462
0	0.88239	0	0.806686	0	0.14882
28.4937	31.0181	27.4021	30.4572	21.5607	27.4228
32.1942	41.9696	27.7879	42.7023	27.108	32.0299
18.2723	14.9743	14.3673	21.3832	22.584	14.6899
20.1632	23.9728	22.588	24.417	21.6732	20.8952
1.3358	1.42768	1.96716	1.97825	2.64564	2.76934
3.26381	5.11787	3.89408	7.85544	2.20078	5.05173
0	0	0	0	0	25.8707
115.712	126.518	107.899	130.102	79.7583	93.8424
0.940089	0.782993	0.790321	0.841324	0.882812	1.05727
0.156295	0.0973876	0	1.1129	0.084648	0.164249
2.96561	3.58862	3.2489	4.99455	3.86406	4.01084
7.51583	7.27427	8.59166	7.47603	6.91158	6.43893
0	0	0.141425	0	0.121592	0.141561
0.455478	1.0091	1.68782	1.13428	1.07842	1.44399
0.112694	0	0.0709892	0.0641953	0.0610341	0.0473717
14.5203	14.2159	16.7837	12.6194	17.9729	14.4208
11.5341	12.4137	12.7856	11.8607	16.7932	13.4749
0.0657741	0.117097	0.17757	0.0642303	0.152668	0.0473975
35.4144	35.426	32.5712	31.9209	28.8789	33.6668
0.512162	0.793234	1.21882	0.647255	1.01678	0.923947
0.542097	0.9224	0.656696	0.997665	0.632357	0.482041
0	0	0	0	0	0
118.723	125.776	143.332	142.502	120.629	147.445
5.51225	5.14597	5.95067	5.13072	6.15196	5.49414
0.217373	0.295517	0.273858	0.607867	0.599338	0.348883
0	0	0	0.276406	0	0
16.718	16.1014	13.0762	14.5736	24.1087	20.6565
15.658	15.8466	14.826	14.5616	13.6321	16.3518
0.178849	0.0607857	0.225323	0.0740943	0.0880569	0.0683456
0.386752	0.240985	0.213172	0.302926	0.340374	0.264182

0.761454	0.838583	1.09318	0.625415	0.97824	0.714601
0	0	0	0.0218249	0.0207501	0
0.936054	1.08874	1.13998	0.995335	0.47316	0.550866
22.1342	21.9433	21.3245	19.2837	19.6773	19.5728
0.142795	0.355901	0	0.325367	0	0
0	0	0	0.0546312	0	0
14.5919	12.3858	36.3218	39.1434	17.1564	14.6616
0	0	0	0	0	0
0	0	0	0	0	0
153.463	164.816	140.304	167.294	122.528	150.081
0.706147	0.72	0.808766	0.731365	0.486745	0.755576
0.172253	0.643985	0.651041	0.78498	0.746324	0.724076
26.1894	21.1136	24.9412	19.6729	32.7781	24.0754
2.02691	1.80879	2.03805	1.44235	3.60838	2.15381
0.032838	0.0818452	0	0	0.0355694	0
26.3502	25.6595	25.0786	24.0124	20.1305	18.3788
0.932132	1.07868	1.64392	1.18123	0.953529	0.854459
5.92433	5.96659	6.75432	6.06356	7.16452	6.72563
0	0	0	0	0	0
19.8459	17.5521	17.7785	16.5406	17.524	15.751
0	0.0653614	0.0660776	0.0597538	0.45449	0
0.0707894	0.0220544	0.0445921	0	0.0383388	0.0446351
0	0	0	0	0	0
0	0	0.0203632	0	0	0.0135886
1.16573	1.21061	2.16801	0.774725	1.83392	0.455021
0.0609904	0	0	0	0	0.0128187
8.83964	8.1969	3.94606	6.30419	0	0
6.78657	6.49467	7.6202	6.57434	7.06046	6.13357
0.140237	0.0907883	0.229935	0.0559135	0.088714	0.15794
3.94882	4.54108	4.90178	3.4899	4.79622	3.95449
0.0647167	0.0788206	0.0648011	0.0439313	0.0738221	0.0356631
0.0190301	0.118577	0.0959008	0.0216807	0.185518	0.0799943
6.98134	7.42412	9.03002	6.46903	9.09966	7.84529
32.9781	46.9217	34.1037	39.0698	31.058	37.373
5.35784	5.52212	5.56141	4.95238	5.78526	5.071
14.9499	14.7463	13.7946	12.006	16.3776	13.7867
3.1505	1.96772	0.724861	0.816959	3.26128	2.89907
6.2836	6.82231	8.76908	7.50898	9.79397	7.54003
11.8751	9.81623	18.7199	16.3165	19.8437	17.9101
10.4278	9.82059	14.6202	13.3398	18.3789	12.3737
18.1603	19.3411	23.3278	19.851	18.8735	17.1741
0	0.273547	0.276545	0	0	0.369082
55.7805	68.1717	56.3252	75.7366	44.1351	55.6236

0.0935949	0.102666	0.058958	0.0399866	0	0.00983579
0	0	0	0	0	0
0	0	0	0	0	0
0.680987	0.9657	0.443765	0.508307	0.991987	0.454063
6.38453	6.16547	5.84717	6.71013	6.07347	7.46703
51.0425	47.1492	51.9048	53.1648	45.5725	51.1374
0.0935101	0	0.0589045	0.0266336	0.0506441	0
0.754453	0.614745	1.16985	0.363649	0.785777	0.683068
3.4435	4.90432	3.56361	3.78301	4.92883	4.75605
0	0	0	0	0	0
255.296	279.924	275.153	259.082	221.747	227.761
0	0	0	0	0	0
7.6101	7.3928	8.90818	5.05184	10.385	15.6169
3.81068	4.62965	3.25424	4.08708	2.08984	2.39945
0	0	0.0613317	0	0.105462	0.0409272
3.43726	2.38389	2.83613	3.47386	3.28891	2.45946
0	0	0	0	0	0
1.67611	1.59734	0.49799	0.224839	1.07026	1.32477
22.9925	29.7725	25.9121	24.9671	23.2512	27.4598
0	0	0	0.0209875	0.019954	0
0.75795	0.659049	0.58568	0.564194	0.753405	0.531993
11.3669	12.5618	9.73954	7.2641	14.6053	10.9777
31.0835	32.4033	32.7583	31.7461	31.9718	29.7993
0.0374971	0	0	0.0854397	0.0406161	0
12.4434	13.6264	13.492	12.9719	16.1041	14.6203
0	0	0	0.0408076	0	0
10.0528	9.0382	12.1711	11.453	17.6225	16.0262
4.32348	4.81179	3.58099	4.55503	4.88012	4.68565
0	0	0	0	0	0
85.4675	90.0774	83.7508	85.0417	64.5496	82.8526
0	0	0	0	0.020823	0.00580081
25.7517	29.6462	23.335	28.5932	22.7973	26.3675
0.0373737	0.0207	0	0	0	0.00698234
0	0	0	0	0	0
4.67715	6.00529	4.85688	4.1337	3.6538	3.09805
10.0564	8.89004	5.32744	6.14988	6.73349	6.17916
17.2667	19.6823	16.1871	18.4566	14.8523	16.096
4.02849	4.45645	5.25259	3.80726	4.38016	3.01954
12.2965	11.6897	12.229	9.79923	11.4833	9.37306
2.66698	3.32359	2.58	2.79428	3.40468	4.18403
0.107594	0	0	0.24516	0	0
0.19832	0.276688	0.309768	0.124499	0.318278	0.0204158
14.2578	16.3118	17.472	17.4864	23.2923	21.7464

0.834097	0.976883	1.1933	1.08885	1.91898	1.65101
0	0	0	0	0	0
0.349258	0	0.943963	0.524821	1.12795	0.621236
0	0	0	0	0	0
0.0351893	0	0	0.0200453	0.0571745	0.0443761
0.352338	0.266586	0.285361	0.143362	0.490687	0.370268
15.1452	17.2233	20.0239	18.2387	19.399	17.2352
31.7657	32.9717	27.8972	39.6949	30.9841	33.8578
10.5579	9.29024	8.58156	9.01055	10.9032	10.9759
37.2093	40.9978	37.5778	37.6471	33.9845	36.5093
0.316689	0.631452	0.379033	0.613357	0.325879	0.492552
2.12035	1.67901	3.33916	3.19574	3.63647	2.50678
8.52201	9.4159	9.99827	9.01798	8.16191	7.09541
0	0	0	0	0	0
4.00244	3.86276	3.3743	5.31418	5.54144	6.1479
0	0.346232	0	0	0	0
11.2928	9.72185	7.34414	5.7421	11.4171	9.9876
6.12205	7.37012	7.15612	6.42684	6.68759	6.16314
19.4976	21.1079	19.6925	22.6632	21.5471	21.4399
0	0	0	0	0	0
0.0981929	0.61184	0	0.11187	0.478623	0.123828
0.140581	0.0583971	0.059037	0	0.050758	0.275772
0.545381	0.29128	0.0981573	0.0887634	0.253177	0.262005
5.01909	5.37999	6.32332	5.83813	5.81676	6.31466
4.36446	3.21395	3.37413	2.93821	4.94238	4.86454
10.6667	9.5897	8.57653	9.34733	9.62273	10.4731
14.047	14.2639	16.9694	13.3579	18.6417	14.9532
0.173411	19.6657	0.327709	279.274	0	7.84838
95.1972	108.317	94.5033	74.3498	68.9315	73.4547
2.68558	1.47881	5.90136	3.34426	5.95324	3.78051
3.94487	3.53514	3.98377	2.77966	4.40494	3.56447
11.0152	10.5503	10.7539	9.89773	10.8264	9.74539
9.80425	10.2536	13.1754	11.564	22.7804	40.6956
0	0	0	0	0	0
0.301201	0.653078	0.438388	0.486693	0.0287914	0.29254
0.233781	0.0752979	0.271876	0.298297	0.494306	0.0923852
0.0636093	0.118905	0.120208	0.072469	0.137801	0
8.85381	9.52537	9.9058	8.27915	11.6443	9.36899
0	0	0	0	0	0
5.637	3.37732	2.04859	0.741015	4.69683	2.82523
0	0	0	0	0	0
14.6267	15.2441	13.9304	15.9201	19.3798	21.7391
18.9504	18.0636	19.5836	16.5999	18.2603	18.1816

0	0	0	0	0	0
97.1352	98.1671	84.7051	89.3285	86.4558	108.039
2.98606	3.05331	5.30538	2.96581	4.47845	3.34722
1.08957	1.35782	0	0	0	0
0	0	0	0	0	0
7.7582	8.47018	9.92357	6.80432	7.76591	5.10914
0.139468	0.278087	0.0351417	0.158893	0.211496	0.211054
66.6253	88.3681	41.4398	80.5314	79.1745	93.2132
2.93992	2.74789	3.18146	2.44425	2.60711	2.1318
0	0	0	0	0	0.0803961
20.5177	14.6566	30.2806	19.5352	25.3992	23.0711
0.0342337	0.085324	0	0	0.0370813	0.0287807
0.252886	0.315146	0.2124	0.576217	0.821763	0.850417
0	0	0	0	0	0
0	0.0431262	0	0.0262841	0	0.00969794
13.5393	14.7125	13.9171	12.3005	14.9719	13.643
199.686	236.404	183.605	189.373	156.337	166.919
50.4765	56.9545	46.231	62.8147	53.6035	63.6542
32.6047	24.6968	37.2906	35.5293	38.1111	37.5877
14.604	13.4221	16.1481	14.6013	14.5753	14.4615
71.0911	76.8616	77.613	67.451	74.0813	68.1494
1.64557	2.0507	3.99826	4.82082	1.61269	1.41639
0.52789	0.518724	1.13182	0.653452	0.747709	0.601669
12.2025	11.1865	15.1388	12.2137	18.8912	12.2744
0.112863	0	0	0	0.244503	0.0948856
1.22234	0.986915	0.867591	1.90256	1.95805	2.40265
26.9665	26.5672	23.335	24.2713	23.2214	22.2737
0	0	0.117746	0	0	0
10.9967	10.9486	13.4023	13.9788	18.3575	16.7745
0	0	0	0	0	0
0	0	0	0	0	0
94.4427	84.4376	82.088	85.8801	85.2174	105.768
1.16854	0	0	0	0.63287	1.47361
1.3482	1.26009	1.69896	1.67998	1.87106	1.31055
16.0928	16.8002	18.2963	14.5084	18.6319	16.0912
0	0	0	0	0	0
0	0	0	0	0	0
8.40552	9.01807	9.86597	9.50737	10.1855	9.44759
97.5749	95.585	55.5776	57.7022	37.4226	47.3925
0	0	0	0	0	0
42.5636	41.7499	67.1217	49.6268	53.1828	50.3056
1.79513	1.98065	2.25959	3.60723	3.36751	2.66592
0	0	0	0	0	0



59.3241	66.5433	60.5026	70.9448	64.4881	71.599
6.96745	3.34088	10.5627	5.29815	10.0695	6.21605
0	0	0	0	0	0
88.5751	90.8588	89.0035	103.67	76.7921	98.6525
7.32588	7.39972	6.80075	5.95223	6.03499	5.78562
2.16531	2.70455	3.25403	3.46053	4.62719	4.40276
0	0	0	0	0	0
6.91823	6.29357	7.56177	8.25622	7.46586	8.34758
0.723894	0.590152	0	0.61854	0.58808	0
0.153485	0.0478181	0.0966842	0.30601	0.249377	0.419369
7.64576	7.53257	8.86535	8.32526	6.91366	7.67933
16.025	17.2999	15.6924	15.0592	15.0561	12.9461
0	0	0	0	0	0
0.720822	0.684409	1.42706	0.586585	0.520519	0.346288
0.230366	0.861247	0.464365	1.1023	0.299434	0.503546
2.84473	4.40262	3.19798	3.80255	3.73155	3.38538
1.99528	1.88791	1.69912	2.75729	2.12122	2.06576
0	0	0.0759671	0	0	0.0506935
0.218524	0.10893	0.688271	1.17011	0.686432	0.661377
5.31199	6.69491	7.63428	10.8626	7.52639	8.10852
32.6499	36.6871	32.397	38.2433	31.493	34.7642
1.42489	3.32942	1.57076	1.62335	4.24437	3.44402
35.7047	34.882	36.8269	36.5925	34.7742	33.2102
31.345	27.624	27.8805	24.9385	27.5797	31.5861
0.494575	0.899329	0.622367	0.745229	0.840034	0.312361
3.22919	2.95448	3.86232	3.44611	3.09931	2.95537
0	20.5146	0.412722	201.167	0.532266	11.2919
13.8177	11.7721	16.1715	14.6027	13.1413	12.8469
0	0	0	0	0	0
1.48612	1.35512	1.36997	0.660726	0.785236	1.03609
92.3172	0	77.5375	0	0	25.8707
0.894778	1.04073	1.20244	1.33655	0.947668	1.03643
11.955	10.8516	10.4493	10.274	11.1571	10.6767
0.294415	0.184	0.218593	0.364964	0.206185	0.334735
1.31563	0.897841	1.26286	1.32044	1.23845	1.0929
5.19377	3.26496	8.95633	5.65565	8.16553	4.79433
0.688465	1.28695	0.758945	1.37262	1.86433	0.1447
0.028263	0.140885	0.106822	0.0321995	0	0.047522
5.18137	5.65163	5.33452	4.60818	5.62442	5.3865
0.988563	0.781234	0.668287	0.714209	0.731272	0.891908
0.0477628	0	0	0	0	0
3.06725	4.24181	3.25186	5.32646	3.44389	3.4904
0	0	0	0	0	0

0.0243972	0.0304037	0.0307369	0	0	0.020511
0	0	0	0	0	0
0.537296	0.641679	0.987168	0.73966	0.775985	0.639925
17.8421	14.7061	18.1147	18.813	16.9705	16.7947
3.79683	3.85054	4.42056	3.69918	3.43193	2.86183
2.92705	2.63533	0.838182	1.50176	1.32831	1.82925
29.9046	24.6777	24.1885	24.6213	18.459	25.9593
0	0	0	0	0	0
37.7349	39.7648	39.6478	37.6307	40.7152	42.1827
8.67106	9.09233	9.13825	7.84373	7.2525	6.98683
12.2426	13.2423	9.8492	10.1934	10.824	10.9656
0.381179	0.573989	1.06051	0.398082	0.688142	0.253699
19.3401	19.9848	12.686	13.8997	11.4619	15.2783
0.164333	0.130322	0.13175	0.0510604	0.291276	0.100478
5.92303	7.18143	9.89662	11.0203	11.8445	11.8777
0	0	0	0.149778	0	0
67.1774	62.0401	70.3885	55.5464	68.1369	49.7498
0	0.0352559	0.0356422	0	0	0
25.2148	23.9665	30.6229	26.3532	31.5942	23.444
0.0376934	0	0	0	0.0408287	0
0.464038	0.578284	0.779494	0.176224	1.00527	0.520164
1.58398	1.64496	1.99559	2.40614	3.14552	2.72216
5.75011	4.99835	7.90016	5.7018	6.97171	4.86403
0.0407601	0	0.102704	0.0928746	0	0.13707
0.497101	0.702659	0.543659	0.314632	0.46742	0.906862
44.4612	43.3467	44.6264	54.0279	43.6098	57.2159
0	0	0	0	0	0
0.0482333	0.180325	0.0607669	0.109903	0.208981	0.202752
0	0	0	0	0	0
2.80695	3.79335	1.7284	0.658901	3.74292	1.35062
0.933181	0.925586	1.15903	1.75373	1.66647	1.51529
2.4623	1.9513	3.31078	1.76804	3.36347	1.64558
39.8375	43.8578	46.7438	46.7972	36.8909	45.6392
12.7453	12.9338	13.0174	12.0083	13.3552	10.6278
27.4574	15.2206	25.2492	20.4622	15.7875	16.5091
32.9644	32.8395	34.7125	30.8592	32.4924	29.8637
0.154265	36.9111	0.194352	315.65	1.16968	20.751
6.41065	7.29008	6.47566	6.37728	7.51345	6.68401
8.1048	7.1328	9.05562	7.71718	9.32364	7.80852
2.93222	2.99109	2.55627	2.90108	2.99716	2.33012
12.4427	11.4006	10.8551	11.1443	10.87	9.56591
122.417	140.035	103.684	126.182	156.235	135.809
57.6697	45.5793	46.7769	49.6659	45.7796	56.1553

160.235	167.093	166.945	180.613	119.762	175.437
28.5054	36.4298	32.9714	36.013	32.3382	33.1892
0	0	0	0	0	0
3.29247	2.53999	4.7406	1.78621	2.54738	2.89983
7.16972	6.69372	6.99299	8.68964	5.89859	6.37387
0.502125	0.550657	0.835037	0.549179	0.935493	0.540478
0.251151	0.248782	0.46245	0.616284	0.174385	0.167834
1.52265	1.48939	3.19732	2.92857	3.90143	4.58849
9.07091	10.1691	8.72075	6.88512	8.09096	6.87296
0.0268659	0.0334803	0.101541	0.0612158	0	0.045173
13.6528	14.4058	12.7922	13.8302	13.3758	13.5219
0	0	0	0	0	0
16.9361	17.5773	17.2779	17.2335	21.038	20.2686
12.2109	11.924	12.6286	11.0567	12.4864	11.5683
0.257024	0.264914	0.373594	0.26469	0.374709	0.220235
4.07696	2.67405	11.9849	14.4777	10.0459	9.78155
2.16992	1.87447	2.64059	1.17989	5.12818	3.83514
6.80843	6.92043	8.29904	6.50765	7.35477	6.9477
0	0	0	0.0731148	0.0347572	0.0269768
24.1254	23.4312	24.7381	24.4533	29.3436	27.5531
54.3994	53.0229	68.5329	67.0222	78.837	57.4989
3.72621	3.33205	2.9027	3.40265	2.9886	3.8979
704.81	848.42	710.118	779.11	687.317	850.427
4.15741	4.72981	2.20699	9.87459	2.4414	3.3321
0.897695	1.16794	1.28551	1.54763	1.56501	1.34341
0	0	0	0	0	0
1.08094	1.10153	0.697449	1.0336	1.39016	1.36275
10.0751	9.84315	10.8679	7.88906	10.8364	7.58346
440.863	355.146	291.768	276.919	174.889	105.055
8.19782	9.04395	8.20809	7.35373	7.38418	7.97296
0	0	0	0	0	0
46.6167	48.5292	48.0731	49.0571	45.9127	49.8662
23.1231	25.5989	21.9589	17.9448	21.9337	19.3316
0	0	0	0	0	0
29.9055	32.9216	27.4658	30.8247	25.2102	29.7893
0.338745	0.211072	0.42677	0.257285	7.70536	6.028
22.9592	22.3196	24.5818	21.7836	29.0005	23.1371
2.75E-09	1.75E-17	1.87E-33	3.71E-13	7.12E-21	4.29E-19
0	0	0	0	0	0
3.26939	3.19566	2.54793	2.46274	3.2297	3.00643
15.5917	15.9704	15.8211	14.7888	14.9766	14.051
5.90974	8.46949	14.5908	10.9889	9.42536	20.5999
19.6546	19.0128	16.5494	23.7509	12.1541	12.3964

26.3381	29.88	24.6229	26.2181	21.2911	30.8964
0.0309422	0	0.00866283	0	0	0
0.199057	0.0902053	0.216585	0.144316	0.196013	0.152136
68.6193	68.4012	71.6263	64.9466	80.9718	78.4931
26.2541	27.6738	32.8152	26.7948	29.3216	25.1328
11.2185	11.9505	7.396	9.73464	7.19114	9.35404
0	0	0	0	0	0
2.46502	2.55992	1.81158	1.40417	1.55753	2.59046
0	0	0	0	0	0
84.6193	81.3388	67.4335	90.8118	68.5088	111.607
96.2554	89.5483	63.6908	69.5891	55.7733	64.3465
19.1875	20.7335	21.0902	20.8759	21.3181	23.0815
0	0	0	0	0	0
1.46518	1.07406	1.08583	1.0801	1.49369	1.52162
79.3871	88.0235	71.1157	91.5275	66.7597	76.3534
0.0805251	0	0.10145	0	0.174446	0.0676984
1.13795	1.43934	1.95912	2.17087	2.32737	1.96447
17.9782	16.1074	21.3582	15.0175	25.1848	19.3625
1.36581	3.22497	3.35087	5.89657	3.27028	5.13691
2.37922	3.36929	3.40621	3.26504	2.34283	2.18207
0	0.224039	0.226494	0.409636	0.194732	0
0.667877	0.719834	0.670868	0.658076	1.18291	0.925704
34.0747	32.8804	33.6414	36.7885	33.1939	41.054
0	0	0	0	0	0
0.302588	0.0707025	1.00665	0.846168	0.0614537	0.0476974
7.0624	6.92286	8.58564	7.04031	14.5417	10.9879
5.84741	4.94104	6.70803	6.5955	5.0926	5.17473
3.43586	3.78545	4.79236	4.06673	4.77466	4.02042
0	0	0	0	0	0
0	0	0	0	0	0
0.413795	0	0.521321	0	0.448214	0.347882
34.8815	26.2848	25.1251	24.0086	24.7938	24.7598
5.78997	4.86191	5.79178	5.01101	5.54483	5.30642
0.438144	0.546015	4.41598	1.49751	1.6136	3.60986
9.84168	6.48726	10.8623	5.46779	11.718	7.5216
0.769273	0.871515	1.4097	1.22168	1.38877	1.41106
42.3554	41.8015	37.8215	39.5106	32.8376	40.7398
0.2127	0.373713	0	0.0500388	0.454883	0.221279
0.0898145	0.111927	0.226306	0.102324	0.389141	0.151016
0.512081	0.395896	0.310847	1.44092	1.5609	1.78285
1.32736	0.761437	1.24758	1.12818	3.17222	2.17872
0	0	0	0	0	0
98.8105	102.093	72.7371	79.2952	77.1206	88.6349

0.0204922	0.102149	0.0516343	0.0700392	0.0665902	0.189508
0	0.301078	0	0	0.261693	0
110.455	105.643	111.375	108.602	106.328	101.054
8.89865	7.30898	7.70756	9.15883	10.3325	11.5619
0.287607	0.23041	0.103526	0.0234047	0.222521	0.0518131
28.7096	28.4971	34.7359	37.0414	37.8681	41.1166
18.0298	15.2427	19.0922	16.0352	16.3177	14.4431
0	0	0.0158709	0.1196	0	0
0.341514	0.299768	0.426168	0.498273	0.226176	0.284386
0	0	0.209406	0	0.0450097	0.139739
123.918	120.557	149.132	121.694	141.302	113.472
30.3663	34.3595	40.7852	38.334	56.3937	44.6994
0	0	0	0	0	0
1.65448	1.80986	1.67821	2.17382	1.62685	1.94408
7.5702	7.93095	7.44361	4.85659	9.81325	6.95867
9.24389	9.32072	7.17323	6.212	6.48655	6.296
2.42166	2.67406	1.93098	2.23511	2.78911	1.88129
16.821	18.7301	14.7039	18.4305	13.5514	15.2475
2555.76	2786.64	2643.43	2656.72	2457.76	2952.46
3.69937	4.77829	5.67156	8.70792	4.55715	4.91833
0	0	0	0	0	0
0	0	0	0	0	0
3.84482	4.10849	4.81314	4.64848	4.20872	3.74355
6.75992	6.31532	7.26734	6.25618	8.17049	7.67944
23.4946	26.8946	38.0201	30.022	35.9788	25.3711
0.105458	0.143369	0.132861	0.0655342	0.062307	0.0644797
0	0	0	0	0	0
274.523	309.449	288.172	304.081	223.575	252.167
0	0.0168837	0.00426718	0.0122195	0.00733755	0.00607472
9.84E-12	1.87E-12	0.0309609	0.0557866	5.35E-11	0.0204827
36.0364	33.0997	29.8162	30.2067	22.3231	27.2352
35.4665	31.0773	36.7207	29.5569	33.3397	30.3443
0	0	0	0	0	0
3.14517	2.52164	2.54927	3.6083	3.97855	4.04949
63.54	62.5863	51.0585	43.0906	44.334	43.7075
4.38538	2.9692	1.74014	1.49492	6.09666	2.96109
0	0	0	0	0	0
8.18558	8.18009	11.1828	8.65729	11.1497	7.27674
0.231102	0.358518	0.552831	0.93515	0.349349	0.524622
11.5195	9.30135	8.84509	6.95023	9.78275	5.98836
2.08251	2.19974	4.29827	2.50617	3.42145	3.64985
0.748654	0.855224	1.25759	1.06616	0.946081	0.472052
66.2999	61.3693	51.6247	49.5148	65.4974	75.166

1.91791	1.41714	1.83894	1.19887	1.70975	1.62668
1.68948	2.00674	1.46334	1.65412	1.28673	0.732377
2.29551	2.42663	2.83218	2.11023	2.88943	2.55541
2.08972	3.09249	3.00297	2.78998	2.15744	2.71763
13.1975	11.8749	13.5956	13.1358	13.4437	12.6775
7.99225	7.0134	6.99965	6.53461	6.73867	6.01627
0	0	0	0	0	0
146.315	135.845	225.141	183.066	207.196	174.46
0.47816	0.794509	0.602412	0.544759	0.345289	1.33998
21.8991	24.4128	24.6407	25.1819	22.3593	22.4126
4.82439	4.62473	4.53514	3.55148	5.66785	3.21354
12.8391	11.045	12.3318	11.8619	12.3283	10.8629
0.0311175	0.116336	0	0.141807	0.0337059	0
0.0213186	0	0.107432	0.109295	0.144325	0.0716903
92.3868	78.9461	63.7758	72.2833	52.7878	69.4927
0	0	0	0	0	0
0	0.0299597	0	0.0273893	0	0.0202114
10.4095	10.0818	12.7669	9.09619	13.4292	9.04741
12.7792	10.7437	12.3683	8.5521	11.6539	8.05021
8.73415	9.68063	10.5655	11.6341	10.7895	10.0903
351.2	342.548	397.82	372.505	397.499	355.75
4.39149	3.73197	4.99593	3.71171	4.70524	3.88499
21.3521	22.7058	19.5586	21.9374	20.1165	21.7576
1.40315	1.78379	1.61263	1.16012	0.953885	0.844034
10.0777	10.5844	10.5283	10.2075	10.9278	10.3804
0.0261457	0.0380132	0.105442	0.0301845	0	0
9.96273	9.02949	12.3942	8.30819	13.2948	9.85927
21.4942	22.6833	17.1154	22.2461	19.757	24.8151
0.628273	0.369466	0.677862	0.612989	1.14711	0.734694
9.29962	10.0105	7.8625	5.7159	8.05936	6.03638
0	0	0	0.168359	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
55.7846	63.5458	47.888	46.7937	38.5046	36.0416
1.79515	1.52841	1.70189	1.6402	2.19475	2.43567
0	0.0574502	0.232319	0	0.0499349	0.0193785
8.05081	7.39002	7.744	6.17647	9.26301	8.61649
5.71416	5.61445	5.00875	5.29393	5.54112	4.67612
21.5026	20.2344	19.8719	17.0343	20.513	20.7239
22.8216	13.953	25.5406	22.9877	34.7059	31.4834
29.023	24.3329	23.4883	21.2132	17.7625	15.2987
163.678	40.7951	41.2421	37.2952	0	27.5213

0	0	0	0	0	0
0.206902	0.191158	0.292126	0.23572	0.363216	0.212933
0.0645356	0.120636	0.0406527	0.0735243	0.0349518	0
6.2803	8.13363	5.04284	6.05891	5.37591	6.18458
8.59009	7.91179	10.0904	9.55135	8.03697	7.72328
88.8448	84.1492	93.2972	86.1902	98.3638	106.116
0	0	0	0	0	0
0	0	0	0	0	0
6.79357	6.27603	6.6753	5.70774	6.61992	5.99811
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.696864	0.830837	0.46092	0.587896	1.82639	1.74206
2.09727	2.3097	3.28745	3.83412	3.35475	3.87494
0.188182	0.156342	0.474164	0.357321	0	0.0527357
0	0	0	0	0	0
0	0	0	0	0	0
20.5112	19.4341	24.0344	20.7885	20.022	21.9675
0	0.0688416	0	2.18526	0	0.258011
55.1944	64.9803	53.3766	60.6485	48.6054	60.7799
4.0842	2.94265	4.00205	3.42626	5.99021	5.06316
0	0	0	0	0	0
58.0255	35.2286	80.1082	58.1228	77.7381	51.844
85.4092	80.6745	49.055	61.522	38.5852	53.9829
20.9968	18.5609	21.1968	18.1553	21.7056	20.5605
0.648308	0.20198	1.22516	0	0.526675	0.13626
14.0648	13.7893	13.8055	12.8155	13.4278	11.5028
20.6385	20.1116	21.505	21.7649	22.5793	24.4538
0	0	0	0	0	0
15.8028	14.8918	12.4072	13.3533	12.5789	13.3762
2.06837	1.62236	4.49259	2.41296	2.73257	2.39105
0.979936	1.24774	0.96619	0.995073	1.59217	0.752205
0	0	0	0	0	0
11.7113	9.7297	9.83631	17.7899	29.5992	19.6916
16.1031	16.1081	16.6645	16.3203	16.354	14.3115
48.8951	50.5102	50.1394	50.6131	47.0204	45.0351
25.3581	27.8332	25.5831	26.1869	29.3723	30.4182
0	0.0298923	0.0483517	0.0273277	0	0.0403319
4.01433	4.6908	3.8358	3.94387	4.56283	3.74307
3.16682	3.19915	3.57793	4.51357	3.17644	3.67011
0.575419	0.742696	0.517817	0.936521	0.400681	0.241881
0.0787889	0.0490933	0.198525	0.0897629	0.426713	0.231836
31.8487	31.1876	32.2767	31.5697	28.4602	34.4739

20.3004	20.2461	21.1123	21.1494	24.055	26.5469
0.378242	0.124121	0.221708	0.292002	0.877693	0.543914
21.3308	21.3155	18.3289	19.2852	18.4864	18.7772
5.41269	4.35279	5.50841	4.98124	9.49872	6.68519
0.115037	0.382291	0.0483099	0.262119	0.207676	0.41909
5.47883	5.76942	6.11737	5.69577	6.86925	5.42371
16.5614	14.3464	17.204	12.9803	19.1696	13.4002
0	0	0	0	0	0
0.693939	0.951264	2.36051	1.4626	1.72882	1.34183
79.5821	91.3298	94.296	119.132	119.704	143.574
0	0	0	0	0	0
3.86332	2.49982	2.52721	1.60821	3.29945	3.49778
52.2948	44.525	65.5364	42.5112	50.5222	43.6494
3.81604	2.80237	4.5501	2.79485	3.69058	3.1509
0.137073	0	0.107933	0.0390414	0.222713	0.0720246
0.406081	0.224605	0.363307	0.243361	0.83338	0.404119
75.0538	89.2305	67.63	85.0356	66.6705	82.46
20.2508	20.7866	27.5467	23.0528	24.7787	22.7138
7.96602	8.23436	8.95401	6.36085	9.71512	6.34483
15.0137	15.2845	15.6133	15.3928	21.6233	21.5641
5.37687	4.06108	6.05073	8.54391	8.96893	3.80783
0.468327	0.880423	0.643662	1.01851	0.648181	0.570298
30.2322	30.5149	34.4734	35.05	29.7805	33.0215
0.219241	0.32526	0.157835	0.107048	0.101776	0.184319
34.2801	37.7082	35.0269	46.5586	36.7783	44.6092
8.73779	8.39271	8.61153	6.09956	8.84494	6.87887
26.741	22.7504	29.7562	30.0052	33.0236	35.3589
207.72	239.721	227.118	206.745	229.837	232.698
1.08503	1.04141	0.531605	0.81799	0.925537	0.543203
0.795822	0.537199	0.292431	0.528889	1.25711	0.52967
4.75139	4.78512	4.63747	4.28117	5.63185	6.22453
19.2443	28.1203	21.4253	61.9285	26.9257	23.0577
0.185059	0.183986	0.391068	0.308952	0.0599692	0.265624
0	0	0	0	0	0
0	0	0.0335272	0.0303185	0.0288255	0
0.211946	0.176084	0.326359	0.375614	0.280592	0.0593951
0.348501	2.68E-06	0.166479	0.487064	6.13E-05	0.0873134
4.78676	3.59291	5.64828	3.97617	6.38029	4.34901
40.9537	33.5487	40.2409	34.1489	40.0673	38.0584
14.6515	15.0011	12.9089	13.181	14.8565	13.3894
7.02691	8.26554	8.5667	8.49605	7.61139	6.41324
7.06E-07	8.99E-08	4.04E-08	1.35E-08	6.24E-08	1.89E-08
0	0	0	0	0	0



0.217007	0.721158	0.273398	0	0.391763	0.486509
0	0	0	0	0	0
1.11545	0.495535	0.843306	0.52673	0.321583	0.589479
0.270037	0.288446	0.194404	0.263699	0.334284	0.259455
0	0	0	0	0	0
1.90058	2.04094	3.26053	1.8428	2.56238	1.83581
13.9793	13.1615	14.725	13.5345	13.5059	12.7535
17.3752	18.7547	17.5981	18.8352	16.6447	16.0947
12.3049	11.2301	13.4005	12.6794	13.6612	12.6994
29.408	28.168	14.504	15.0509	13.7911	16.8562
8.04863	8.20491	9.90727	7.79598	7.13747	8.33393
21.3085	21.3732	22.1953	21.15	21.4862	19.0268
2.07946	2.67369	2.86932	2.25628	1.68038	1.24873
0.093643	0.0893095	0.0144459	0.209951	0.101432	0.0602501
0	0	0	0	0	0
4.21425	6.13661	4.61682	4.95779	4.41594	4.81382
1.16466	0.568053	1.37154	0.708385	1.03781	0.326468
0.109924	0.171234	0.207733	0.156543	0.208368	0.207933
7.11053	7.73335	8.16711	6.31239	4.54117	5.15497
28.5358	33.4984	31.1016	37.6004	28.9994	37.487
7.48782	6.89297	7.41095	7.17325	8.9122	7.52881
0.0745832	0	0.093964	0	0	0.188109
77.9799	80.4836	76.8858	72.0072	69.8623	76.2843
0.379401	0.197004	0.179246	0.0720409	0.325343	0.119613
1.3157	2.7327	3.59144	1.49895	2.13771	0.460885
80.9107	90.6852	69.403	90.3007	70.0428	93.109
56.222	59.3378	50.1143	52.6951	46.4223	54.0545
0.252219	0.173193	0.0389088	0.158335	0.505683	0.247252
1.42478	1.02384	1.37493	1.23832	1.43923	1.23841
1.22193	1.00503	1.26235	0.946643	2.99126	0.986198
70.2802	77.3932	88.1121	67.3927	88.1847	75.1212
46.3676	40.3809	54.1411	42.5617	58.7469	48.2728
0.112694	0.210659	0.0709892	0.192586	0.370225	0.379458
15.3629	10.6587	15.9514	12.1544	12.1828	11.0572
10.0383	10.8462	6.70807	6.59026	7.37304	6.81146
231.653	231.339	252.026	247.471	190.377	202.041
0	0	0	0	0	0
0.143865	0	0	0	0	0
0	0	0	0	0	0
0.20839	0	0.262541	0.237415	0.225724	0.175196
4.46494	4.64256	2.98304	4.27253	5.57627	3.73651
0.228865	0.142606	0	0.391113	0	0.0962049
3.22936	1.81396	4.27788	2.1952	2.28877	3.05246

2.1195	1.8168	2.34828	2.17034	3.69311	2.68399
46.641	54.3851	53.1295	50.9723	51.9379	46.661
0	0	0	0	0	0
17.3255	20.8295	13.5124	17.1278	13.7689	15.2594
1.32718	1.90143	1.39257	1.37653	1.25571	1.39256
0	0	0	0	0	0
0	0	0	0	0	0
33.9603	40.5947	34.191	35.5426	30.2809	30.9676
1.22496	1.52654	1.3375	1.30254	1.53325	1.53332
0.923025	0.633824	1.49513	0.90136	1.02021	1.09273
111.176	121.348	127.869	118.95	114.44	123.885
14.8372	13.568	14.5387	14.2038	17.7702	17.2958
614.142	770.57	593.067	723.27	561.17	725.53
0	0	0	0	0	0
28.2315	30.3884	34.3244	31.3003	38.193	48.6939
0.687262	0.636455	0.722865	0.589035	1.01761	0.530082
0	0.0569038	0	0	0.02473	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0911391	0.0425281	0.0859888	0.0254166	0.223638	0.0430356
0	0	0	0	0	0
0	0	0	0	0	0
16.6238	12.0257	17.1635	11.7331	25.2971	18.2027
0.0822495	0.204998	0.828979	0.468527	0.356364	0.345741
14.8792	15.0442	16.5976	15.7351	16.322	15.2889
4.20471	4.46621	4.53264	4.91223	4.49025	5.54473
10.6422	8.47914	5.9345	5.76407	12.4722	11.7338
21.4864	20.3588	22.573	25.086	21.9849	24.6325
11.9545	10.2849	12.2731	10.3742	13.5041	14.1376
3.81188	3.7499	4.78228	3.78762	5.6326	4.89749
0.479486	0.398357	1.81225	0.910451	3.11622	0.67185
25.0179	23.6166	32.7212	29.7451	30.9631	25.9042
0	0	0	0	0	0
0	0	0	0	0	0
23.1829	24.6269	22.946	26.8224	19.4683	27.2122
105.486	95.892	67.6669	106.756	68.0976	108.367
0	0	0	0	0	0
5.1511	4.75185	8.9253	6.47618	9.39598	7.40367
71.1217	75.8257	69.8767	66.1778	62.0109	70.9103
0	0	0	0	0	0
2.17658	2.54839	2.41045	1.70982	2.77591	1.69706
3.45697	3.06281	4.30281	2.61033	4.64656	2.8013
0	0	0	0	0	0

0.0480723	0	0	0	0	0.040415
0	0	0	0	0	0
2.15577	2.08804	2.15125	1.86026	1.60682	1.63294
2.66501	1.82662	0.629536	0.645193	0.793838	0.53212
3.00219	2.96991	3.62635	2.29198	4.92815	4.05918
5.85865	5.05233	6.63118	4.90345	7.5341	5.15148
15.2928	15.6158	11.4047	11.6262	13.3406	14.0097
27.7965	21.8295	30.3735	26.2588	39.1296	35.4344
4.46388	3.84721	5.49	4.00319	5.52396	4.25067
6.97041	6.06969	6.4334	6.9327	5.68865	5.51643
7.54014	8.33676	7.46388	6.81415	7.7682	4.7424
5.01162	5.8428	6.78344	5.95735	6.70384	6.89325
2.40747	2.47472	2.24954	1.41471	2.16117	1.52243
0	0	0	0	0	0
10.0037	9.76523	8.89577	7.47301	13.8736	10.5586
0.395138	0.265149	0.536109	0.311659	0.296311	0.178875
5.28386	6.65148	4.70031	3.82339	5.14332	3.90195
1.2199	1.14018	1.53689	1.3319	1.81688	1.15378
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
14.0807	15.7422	15.9773	16.0896	14.7484	19.0897
38.3153	45.5425	37.7523	41.2832	33.5822	36.7456
0.608909	0.379411	0.575352	0.34686	0.989337	0.639896
2.31479	1.80214	1.43958	1.73184	0.720974	0.855582
30.4969	26.8228	26.6844	22.5651	25.0692	20.6814
1.56616	1.19515	1.45215	1.0326	2.38233	1.42398
0.240981	0.250258	0.1518	0.274545	0.478546	0.57402
16.0946	15.5061	14.0075	14.4739	17.328	14.9946
4.49707	3.56633	5.59207	2.06268	5.31396	4.51724
0.743565	0.895743	0.499618	0.818894	0.724873	0.583642
1.1128	0.931739	1.16101	0.970658	1.86455	1.66644
0	0	0.10145	0.0917409	0	0
3.70149	3.26628	4.24588	3.10064	5.78955	5.01726
9.01709	9.89563	9.53434	8.24868	10.1154	8.80384
48.4173	51.0858	41.3436	57.49	46.734	49.5697
0.143682	0.044764	0.0980513	0.0545647	0.155633	0.0603974
0.133728	0.111101	0	0	0.434555	0.187378
0.452828	0.267703	0.833107	0.520483	0.428209	0.4153
0	0	0	0	0.0723567	0
13.6067	0	0	0	0	0
83.3467	87.9908	92.4478	90.2714	108.484	117.355
42.4911	50.2808	46.6624	54.278	35.4047	41.1557

24.5337	25.3133	22.7999	23.4273	21.9114	20.8717
11.7706	10.7379	13.0584	8.23477	13.5836	10.0499
6.20674	6.37486	4.7605	5.15967	6.27974	7.04154
0.494541	0.713606	0.623049	0.47446	0.873998	0.503296
3.17319	2.59693	1.61103	2.21226	3.95014	3.38444
0.30863	1.41E-67	1.26E-103	1.59E-23	7.47E-79	4.73E-79
23.3731	23.6106	25.9836	22.9138	26.0611	25.4218
7.4065	6.95409	8.07844	6.99322	11.4954	12.6667
19.7418	20.2372	18.156	17.4047	23.1356	23.8594
1.91859	1.71889	1.46086	1.73063	1.9164	1.78069
1.01762	1.11896	1.88537	1.56854	2.72323	2.81819
10.8706	8.82588	12.1706	11.0276	14.7566	9.86917
0.128658	0.187889	0.0466004	0.18938	0.0238146	0
73.0505	49.0519	138.745	106.341	170.912	152.624
5.25575	4.18048	4.06645	2.94964	4.8801	4.98505
0.125548	0.0625831	0.158172	0.114428	0.108793	0.0211099
500.742	324.55	458.451	421.479	783	634.355
0	0	0	0	0	0
0.706965	3.34787	0.356269	0.161087	0.612616	0.594354
46.4622	47.9377	41.2017	46.8282	39.4481	45.6052
0	0	0	0	0	0
24.4486	24.5963	23.7296	27.954	20.3458	23.2295
55.0916	52.7433	52.2137	50.2214	49.6982	47.108
572.537	438.226	881.584	639.149	695.429	561.01
16.6625	15.8708	16.0851	16.0261	18.9731	20.6173
0.177795	0.0995253	0.34842	0.416417	1.64E-37	0.316847
24.9964	26.199	22.0763	23.8382	20.586	21.5908
8.16323	7.41697	9.87474	8.44801	8.52519	10.1987
2.57935	2.61491	3.186	2.02115	2.3992	1.75653
2.07111	2.13889	2.48851	1.83386	3.42479	2.42983
0	0	0	0	0	0
0	0	0	0	0	0
1.12045	0.923097	1.1498	0.68939	1.80349	0.983927
14.396	16.7445	7.57015	12.693	16.8816	16.7862
0	9.43E-285	0	1.55E-256	0	0
0.933567	0.556411	1.34953	1.00389	3.1298	2.02898
3.28E-09	0.316071	0.210211	1.23E-09	1.30E-09	0.213228
0.0510091	0	0	0	0.055252	0.042884
5.46E-05	6.07E-05	2.19E-05	4.15E-05	9.73E-06	1.05E-05
0	0	0	0	0	0
32.2227	31.7771	32.9618	32.8252	32.6456	28.7612
0	0	0	0	0	0
81.3962	76.2181	74.4424	76.5454	73.7947	73.7128

1.68122	1.1331	4.87566	5.17562	4.56917	6.61101
47.4365	50.5935	59.4364	58.9036	56.4316	53.8159
0.437934	0.725969	0.442794	0.238265	0.599643	0.56282
17.5979	16.2975	16.3843	16.623	17.5732	21.1165
0.0712246	0.159768	0.0897326	0.227206	0.0154298	0
10.7349	9.39322	12.5416	11.2912	15.2022	13.93
16.5306	14.8776	17.0508	14.0184	9.89791	14.0774
22.4293	21.5366	19.7086	22.6585	18.5532	21.3079
5.83279	6.04461	3.75611	4.78454	5.56795	4.68481
1.0792	0.733582	0.927026	0.502984	0.797025	0.866058
10.3126	9.40028	10.2228	8.56924	12.3142	8.99604
1.04836	1.50005	1.31541	1.21169	1.32173	1.34107
0	0	0	0	0	0
0	0	0	0	0	0
0.360232	0.168345	0.567299	0.307804	0.390196	0.227138
23.6229	23.0336	25.4657	21.6055	25.0119	22.017
14.4882	15.2314	15.4231	15.2684	14.7465	14.2401
4.8604	4.91464	6.47228	6.22275	7.70568	6.51062
42.923	42.8336	44.2896	43.9634	43.3124	43.5768
20.6896	23.2625	20.3682	22.4233	20.4297	20.3412
2.59932	2.20328	2.81315	2.95874	4.33361	3.12751
0	0	0	0	0	0
20.5051	18.3443	19.8517	15.9426	15.4587	14.5006
0.902365	0.449811	0.682109	0.719635	0.195485	0.455178
0	0	0	0	0	0
16.4998	21.6217	15.7957	15.1085	23.2222	24.5643
1.38E-21	0.913509	0.140846	1.07068	3.62E-35	0.291401
11.0073	10.3136	11.4356	10.2476	10.8774	10.2208
0	0	0	0	0	0
0	0	0	0	0	0
5.18431	5.04123	4.60684	4.43027	6.23023	5.8233
25.9065	21.5386	22.4759	18.6893	26.6137	23.1699
108.854	50.8699	51.4274	170.521	29.477	91.5145
3.50032	4.00889	3.57076	3.26132	3.89893	3.24061
293.693	241.323	435.127	420.363	86.7381	180.352
10.6476	9.82953	9.42637	10.0145	11.1507	9.61141
20.6356	21.4067	22.2228	15.8665	19.1667	16.7055
17.7167	16.7298	19.7464	14.6071	19.9033	14.8831
39.8949	42.3477	36.4634	40.6743	38.9281	50.076
43.9193	37.0207	32.5977	22.8113	20.4623	34.9209
5.06003	4.97287	8.75902	5.67107	8.64471	6.32917
0.453542	0.459228	1.14279	1.42096	0.921127	0.667272
2.03232	1.62473	1.64254	1.79115	2.20137	1.99874

2.09711	1.87086	3.90529	2.55225	4.44918	5.32611
0	0.0472517	0	0	0.0410705	0
9.73154	9.47506	12.0503	7.37671	11.3326	9.15155
0.100993	0	0	0	0.109393	0.0849058
0	0	0	0	0	0
9.02469	10.991	9.04416	9.01983	6.88719	7.31127
3.4258	3.36823	4.60544	5.61963	4.76469	3.15278
1.11696	1.10397	1.48809	1.02388	1.80786	1.37079
84.7375	106.92	31.0833	23.6565	0	111.667
0.793377	0.832594	2.1306	2.16456	3.79932	2.10632
0	0	0	0	0	0
1065.94	0	0	0	0	0
0.0460635	0.287818	0.232133	0.15875	0.0748425	0.129446
5.61281	5.01954	6.52211	6.10705	5.8652	6.97114
5.28333	6.16678	5.2031	5.00187	4.71526	5.7868
527.585	677.018	627.792	595.899	480.57	636.79
0.625434	0	0.590967	0.178137	0.508093	0.657263
1.01955	0.988546	1.25576	1.47277	0.744835	1.02153
871.328	765.074	924.214	940.988	1103.92	905.511
2.96423	3.6991	2.30304	3.65299	3.26118	4.19369
3.59287	3.55541	2.26312	2.40769	2.06021	2.08763
7.74417	7.97416	9.73585	9.10318	9.29469	8.82795
57.003	55.5486	55.1524	50.1198	61.0228	55.2364
9.92329	7.38713	7.04734	7.18819	5.77484	5.08379
0.248207	51.0371	0.550491	452.481	0.942278	17.8067
1.51103	1.18562	1.19861	0.765106	1.63671	1.69379
0.0330496	0	0.0208188	0.094132	0.107396	0.0972481
1.06204	0.661755	0.382289	0.950684	0.410849	0.829092
58.1052	53.5203	58.7377	55.2406	43.5291	52.9253
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
24.8481	24.7036	27.9944	23.4508	27.664	23.448
0	0	0	0	0	0
0	0	0	0	0	0
1.01847	1.1001	1.85171	1.25453	1.70162	1.42036
1.76986	1.96928	2.22976	1.51228	0.821603	0.956533
10.6488	10.6331	9.02997	11.0824	8.91352	5.9132
1.51537	1.74239	2.07791	1.74551	2.55738	1.35845
12.0681	11.6963	12.299	8.97934	12.7761	8.76648
0	0	0	0	0	0
7.6622	8.20115	8.84452	8.20814	7.49326	6.70007
1.24581	0.873786	1.74112	1.02039	2.46649	0.961725

26.4228	24.3294	28.9465	26.2861	29.6167	26.9119
0.189928	0.284273	0.478663	0.216382	0.480186	0.301667
40.3741	40.7279	44.9433	39.956	45.8464	41.6692
0	0	0	0	0	0
72.564	74.7176	100.61	98.4313	103.086	133.456
3.70565	3.12433	3.43563	1.97935	4.49031	3.00445
0.485707	0.151322	0	0.276971	0.131805	0.409083
2.34468	2.16336	1.76101	1.95207	2.44203	2.08493
0	0	0	0	0	0
0	0	0	0	0	0
42.5778	33.9519	37.6977	36.9661	29.3622	39.4788
0	0	0	0	0	0
0	0	0	0	0	0
2.01082	2.27776	2.54613	2.30924	3.1431	2.04842
0.0486313	0.072725	0.0490146	0.132971	0.0210706	0.0408849
0.226746	0.311278	0.37823	0.317281	0.305042	0.339856
0.21828	0.211572	0.0916672	0.165789	0.0788123	0.122341
4.1647	3.07045	4.54142	3.15824	6.59668	4.31496
17.4869	17.9435	18.3422	19.2828	17.2906	17.7024
2.77813	1.91467	1.91467	2.10304	3.18103	4.22323
1.49365	1.21527	1.80449	1.49256	1.81609	1.58748
0.0458168	0.0570968	0	0.0521983	0	0
0	0	0	0	0	0
24.073	24.1805	24.1932	23.9141	22.7782	24.777
1272.88	1380.84	1129.14	1311.73	1143.36	1587.53
58.3137	56.0474	60.9531	58.2375	64.3515	62.4708
7.13066	6.62055	7.00941	7.70761	7.55105	6.49133
2.04837	2.97177	2.46509	3.06512	2.84795	2.7759
6.58153	5.76247	7.17783	5.62796	7.19952	6.04768
19.616	20.514	20.7388	17.6481	18.7067	16.3894
7.24538	6.74348	9.29409	6.53436	8.50663	7.44585
0	0	0.0190145	0	0	0
163.407	180.011	115.723	140.299	89.2667	108.687
0.191575	0.11937	0.241357	0	0.103755	0.0805297
18.0938	17.0543	21.8263	21.7828	19.7951	16.6988
28.0644	28.1632	26.8032	26.1758	28.3148	28.2707
136.862	119.429	134.137	113.818	133.582	117.88
2.94942	3.9914	6.09607	4.62017	3.11989	3.64181
0.499007	0.155465	0.314338	0.473758	0.270257	0.524401
2.71845	2.32907	3.16799	2.20667	4.23282	2.71396
0	0	0	0	0	0
22.0608	19.7578	17.0494	19.7061	15.683	17.3112
0	0	0	0	0	0

74.5865	76.6161	58.943	62.1381	41.2022	52.548
63.1863	62.6252	65.7654	57.3411	78.9068	58.3616
92.7462	97.5364	96.173	112.033	87.0427	97.3477
2.12101	2.01511	2.0372	2.72746	2.09271	3.1426
0	0	0	0	0	0
13.2458	13.3682	12.0652	13.6017	12.3249	15.2108
232.122	182.924	200.018	246.971	223.22	221.037
4.32306	4.50179	4.99877	4.0481	5.50051	3.64689
229.078	209.5	151.525	162.488	136.93	168.272
6.03053	4.47263	7.70528	4.28362	14.1354	7.51254
0	0	0	0	0	0
8.29063	11.0181	13.8414	10.238	11.3352	11.2349
7.62375	10.6849	12.755	13.4523	2.71731	0.882386
0.553275	0	0.512115	0	0.599296	0.607536
46.8542	59.0438	56.2081	74.2699	62.5771	83.8123
0	0.0239847	0	0.123702	0.0590698	0.0458471
19.5414	21.9035	13.2512	14.285	8.63468	10.4018
0	0	0	0	0	0
0	0	0	0	0	0
38.9318	38.1577	32.7224	37.7538	23.8893	27.0832
9.63821	9.87597	11.1408	9.67072	12.4203	11.1455
5.38661	4.91593	5.62101	3.33189	5.81993	4.66582
0.466259	0.929683	0.900709	0.672855	1.24577	1.04531
7.52704	7.58322	7.32115	8.36187	6.93485	7.58884
0	0	0	0	0	0
19.8191	24.3662	22.5524	22.3971	19.044	14.6911
22.2069	23.2092	25.6518	21.8293	26.231	22.2323
13.3382	12.7435	14.2835	11.9504	13.0831	10.729
0.0126776	0.110592	0	0.0722171	0.0274643	0.0639495
2.71546	2.7495	1.49672	2.90032	1.6545	3.13901
12.5747	12.9284	13.7166	18.5931	15.1909	14.8952
72.9107	74.1162	66.1517	68.0914	68.8898	64.6707
27.8916	32.9528	32.2998	36.6827	29.4269	30.9944
2.38515	2.06098	2.41861	2.29129	3.7808	3.17203
40.7621	41.1726	32.679	28.633	35.6214	33.0111
0	0	0	0	0.0506345	0.0393001
48.1212	38.9816	48.1214	48.185	64.0191	63.8199
12.3247	11.3054	11.5734	12.0725	19.9559	56.2723
12.8306	11.4606	12.7386	10.1112	11.8627	10.3919
0	0.102533	0.0518285	0.0468684	0.0891207	0
0	0	0	0	0	0
7.78354	7.35601	8.75807	6.94742	9.06042	8.36817
0.081551	0	0	0	0	0



10.7991	10.5435	11.1526	10.7828	10.013	10.345
2.7299	4.53213	2.15649	3.49745	2.09876	2.82279
19.2003	18.8372	15.6675	17.2606	14.3158	17.4105
26.375	27.6185	28.7574	34.3828	17.8659	23.0539
4.47335	5.68223	4.54851	5.85458	3.69254	4.21625
0.745442	0.714591	0.469574	0.326642	0.807447	1.80779
0.89912	0.864215	0.947906	0.898763	1.3806	1.61337
0	0	0	0	0	0
1.17042	1.85637	1.74266	1.93955	3.11181	1.78906
19.0881	21.4969	20.8418	20.9413	20.5226	23.4176
209.655	186.706	221.351	175.69	193.843	170.003
6.22695	5.87555	6.69397	4.67362	7.60108	4.29861
0.737247	1.06849	1.26735	0.976273	1.23788	0.814203
10.105	10.9262	12.5187	9.48086	10.291	8.87854
8.0181	8.25957	7.03108	5.23695	11.2438	8.61382
14.4567	7.20647	10.1939	6.89462	11.9205	6.48214
2.8726	2.60351	2.13853	2.90081	2.97011	4.06164
0	0	0	0	0.0820113	0.254613
0.0993063	0.247511	0.125111	0.150851	0.0358555	0.139147
0.995946	0.842207	1.18753	0.749689	2.35022	1.42043
1.11837	0.978002	0.961063	0.554247	0.981904	0.889143
1.44424	0.988134	2.17631	1.41956	2.14718	1.11896
9.16618	6.21184	5.47747	9.55949	8.99875	12.4555
2.92292	2.45794	2.39515	3.03224	3.19174	3.17654
0.657557	0	1.45837	0.187286	0.712252	0.138204
181.711	168.537	197.345	193.911	188.878	214.406
0.14992	0.523123	0.377754	0.0683203	0.389736	0.0252078
12.7833	13.8049	11.2285	11.2281	13.5004	10.9966
23.3706	22.8409	20.9948	20.8956	21.5324	20.0507
12.7425	13.2044	10.574	10.7478	14.3945	12.2082
15.0633	13.9425	11.2903	12.6025	16.0406	15.7001
12.4522	11.948	13.1141	12.3194	12.8551	12.0795
11.5728	16.2852	15.1382	16.1497	10.0763	14.5243
14.3919	16.0322	15.4481	12.0188	15.8579	10.3517
0	0	0	0	0	0
13.2423	13.937	15.7019	12.4877	16.1518	28.4872
0	0	0	0	0	0
1.96899	1.85153	2.20346	2.25617	2.26827	2.35437
0.0664422	0.0414001	0	0	0.0179922	0
1.31397	1.34585	2.00594	2.88422	2.18543	1.90304
2.16333	2.24662	1.81699	4.9293	1.56219	3.03124
7.47793	3.07258	7.14431	3.4062	6.38247	6.51508
6.97234	6.91377	9.41449	8.96926	7.09215	8.7612

0.158075	0.393985	0.398302	0.720367	0.171223	0.265791
1.63936	1.45278	1.74407	2.53176	1.93356	1.43948
6.33651	7.7343	7.10822	4.15344	8.36799	14.4491
70.878	74.6109	110.231	117.972	107.665	134.382
0.432781	0.346512	0.446254	0.653806	0.433859	0.521974
0.423737	0.246428	0.427077	0.225286	0.397785	0.37999
6.45084	5.5287	9.00327	7.21272	10.2863	13.2323
0	0	0	0	0	0
0.275846	0.182306	0.22202	0.1859	0.294151	0.0948197
18.0327	17.1404	16.6502	17.5828	10.681	16.5476
0.0174236	0	0	0	0	0
21.2897	16.4786	21.1616	22.3355	17.6964	19.4008
13.7184	14.4252	14.3578	14.0852	14.2983	15.4965
0	0.0824318	0.0208338	0.0753597	0.0806047	0.0139026
15.3058	11.4021	15.25	12.9923	19.9012	13.1645
1.24143	1.36633	1.78327	1.04423	2.04845	0.999791
0.24264	0.174915	0.244081	0.188789	0.276613	0.288394
0.891443	1.59392	1.17192	1.54549	1.1755	1.62923
14.6669	14.2989	30.6866	16.5157	22.4819	13.3228
3.66656	5.41916	3.61848	3.24049	3.66621	4.43292
38.8707	34.9837	37.6923	37.156	36.0102	36.2382
8.70695	10.9035	7.7589	8.41963	8.37305	7.85565
0.197665	0.492661	0.24903	0.225197	0.214107	0.16618
7.87395	7.52188	8.44923	7.9236	5.97292	8.1859
7.2342	7.37611	9.1635	9.62848	10.1219	9.29198
59.2536	60.8722	60.188	60.7206	42.0126	57.183
6.62366	6.38693	7.62989	7.4048	7.59721	6.37369
0	0	0	0	0	0
0	0	0.127014	0.229716	0	0
17.5251	16.7033	16.6819	15.9358	17.3482	14.4198
4.47914	4.45172	3.83171	3.94391	5.9539	4.16768
0	0	0	0	0	0
0	0.0643683	0.0162677	0	0	0.0434242
7.85307	6.87611	8.19792	6.39797	7.51174	6.42978
1.44384	0.692045	0.559702	0.44287	0.842123	0.513555
0.254375	0.422668	0.106825	0	0.183689	0.213856
4.50208	3.79087	6.54064	5.86848	5.44769	7.16072
0.863615	0.766329	1.22728	0.700583	1.0851	0.882861
42.539	45.5789	46.9301	43.5392	43.9773	39.3404
5.87417	8.49291	6.31389	8.29291	8.1401	11.3843
0	0	0	0	0	0
0	0.266812	0.107894	0.0975685	0.0463819	0.107998
18.9918	20.9317	23.8688	23.2839	19.1057	19.0048

0.0455958	0.13263	0.0383586	0.0691302	0.0329478	0
41.2627	47.3012	28.958	29.1129	39.5989	37.1364
29.8118	30.5447	28.4252	31.6324	28.8727	33.6732
1.70246	1.768	3.21727	2.97403	2.08994	3.19652
0	0	0	0	0	0
0	0.00757969	0.00638562	0.034647	0	0
0.0758175	0.0250483	0.146467	4.41E-12	0.0229751	0.00843596
13.9487	16.9937	18.6225	17.4332	13.8687	15.665
3.76206	4.03832	4.36244	4.31582	5.25731	4.47822
0	0	0.0281392	0	0	0
9.06235	6.43101	6.9772	5.52078	10.975	3.1216
0	0	0	0	0	0
0	0	0	0	0	0
0.454616	1.16707	0.34365	1.27412	0.196972	0.259897
28.9219	26.9173	27.0193	27.8542	27.8763	33.7423
15.9655	15.1809	16.9491	14.9075	17.7036	17.1098
8.34751	6.64725	9.39447	9.3817	9.30968	6.67731
116.986	116.275	121.42	131.573	126.977	130.938
0.262036	0	0	0	0.141916	0.0550743
0	0	0	0	0	0
2.88005	2.50144	1.3563	0.629707	0.851084	0.855991
10.8389	11.427	11.7279	11.4975	15.1137	16.1336
0	0	0	0	0	0
4.356	4.63626	4.8006	2.83972	3.40036	3.50095
32.7356	81.5902	206.211	223.771	106.376	192.649
9.90191	11.049	9.95091	11.558	8.20848	9.59639
5.545	5.79645	2.41088	2.30323	5.35098	5.77393
3.64104	4.55828	3.45091	5.30891	4.34191	4.81627
45.2349	42.8582	44.1749	42.6298	39.5525	46.8099
37.6132	41.4305	29.4759	35.3769	16.7535	18.4162
2.10039	2.03547	2.49506	1.4721	2.3113	1.67956
133.831	132.208	170.725	134.418	159.528	174.434
106.082	126.415	106.529	116.719	78.1098	93.8784
39.1245	35.2357	44.5702	40.1301	42.4896	32.8495
15.6474	14.7673	17.0112	15.7437	13.7877	16.0816
0.317894	0	0	0.181085	0.172168	0
1.08365	1.21474	0.930343	0.706697	0.971008	0.943656
3.24165	3.79241	4.8758	5.23825	3.33214	3.90718
0	0	0	0	0	0
0.414171	0.331804	0.819963	0.337041	0.576799	0.298456
15.1499	16.5909	13.4572	13.2373	13.7742	18.1571
0	0	0.696324	0	0	0
0	0	0	0	0	0

14.8376	15.844	17.3779	16.1541	16.5251	13.9155
94.2158	109.835	80.3434	70.8297	107.241	102.524
10.7184	9.92833	13.7541	8.65044	11.5969	7.93063
0.160888	0.160399	0.121618	0.146638	0.139417	0.135261
3.88121	3.83209	4.54153	4.80231	3.39318	3.81488
0	0	9.04154	0	0	0
0.390901	0.487141	0.328319	0.940178	1.12911	0.693786
105.152	109.727	116.587	99.0289	125.72	109.165
0.207067	0.903164	0.391312	0.235908	0.560727	0.261126
55.7114	53.1652	56.804	50.8436	57.9896	54.0457
0	0	0	0	0	0
8.03859	8.14691	8.4192	7.33761	8.81214	6.43244
117.69	108.829	108.648	96.687	77.9276	87.858
19.4808	17.0396	22.6367	16.2495	20.0287	17.3411
12.2126	11.9079	14.304	15.2591	17.5313	17.9847
0	0	0	0	0	0
0	0	0	0	0	0
10.7826	11.9967	16.2808	16.0502	13.5957	12.7829
3.40587	2.77048	3.23418	3.54013	3.7858	2.83377
0	0	0	0	0	0
0.777049	0.691231	0.889719	0.450609	2.71E-08	0.301029
0.867144	0.720127	0.951847	0.78407	0.701859	0.71378
8.29568	2.69689	11.133	5.95832	11.1345	17.7389
1.56365	1.26917	1.63301	1.59392	2.32886	1.91998
43.2271	42.658	36.8541	32.7256	41.4114	36.9463
0	0.00882289	0	0	0	0
0.0714388	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.89561	2.33937	2.24908	1.46772	2.65133	1.79481
0.105488	0.0876397	0.1329	0.0801208	0.0380876	0
0.0980108	0.0173802	0.0881914	0.0476348	0.0301952	0.0586405
72.8304	78.1861	55.2738	61.473	51.7145	75.8185
1.14877	0.994166	1.6081	1.30878	2.41953	1.60965
0.479341	0.215046	0.339693	0.196596	0.381622	0.438854
0.747315	0.764883	0.731121	0.707516	1.3947	0.956741
1.49834	1.14906	1.88769	1.87117	0.780275	0.92053
17.4656	17.2286	16.6783	13.8522	13.6425	13.7001
0	0	0	0	0	0
17.3932	16.3925	16.991	15.1756	18.885	18.7457
4.84102	7.40398	4.80526	7.85511	5.16425	5.73487
0.183345	0.228484	0.230988	0.104441	0	0.0770701
0	0	0	0.0332086	0	0

0	0	0	0	0	0
0.426975	0.755964	0.337303	0.8005	0.325846	0.51285
3.90025	3.56235	4.77641	3.07732	5.98277	4.76574
0	0	0	0	0	0
0.768961	46.1171	1.64692	453.553	1.04115	19.5235
7.46352	7.65221	9.36733	7.54325	9.199	7.10179
75.1429	70.4877	79.0781	67.122	61.8851	65.6921
18.989	18.3407	21.0073	18.139	22.2599	19.7764
5.54476	4.91774	6.73122	5.70607	7.39223	7.06827
7.30004	8.28472	9.83988	8.28451	13.9106	10.2367
35.5438	34.0547	33.0105	39.6409	26.25	35.1419
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.144572	0	0
7.6457	8.704	8.64499	7.58125	8.51547	7.93895
0	0	0	0	0	0
3.42563	3.03325	4.11136	3.55357	2.4607	1.69767
3.73675	2.71766	4.89836	3.60162	7.60935	4.44323
4.65107	3.33069	3.55428	2.16256	1.9096	1.75717
0.0722431	0.0300098	0.0303386	0.0823054	0.0260841	0
4.30028	6.01135	3.71965	8.53435	3.01926	3.26832
0	0.119172	0.240956	0.54474	0.207166	0.0803961
0	0	0	0	0	0
0.130399	0.0270838	0.123213	0	0.192251	0.0365426
10.8964	10.8692	9.9758	11.9563	7.93681	10.2537
36.6495	38.5605	41.9644	38.1749	39.5378	35.2152
0.0942691	0	0.118765	0	0.0340368	0.0792532
0.0845366	0.108869	0.21542	0.200733	0.252139	0.0951891
0	0	0	0	0	0
54.6716	56.2646	58.5264	57.2294	52.0367	45.8389
10.0613	8.87101	10.9723	10.9416	9.56283	10.8993
19.6888	19.6883	20.6814	22.1033	21.0822	16.2896
0.601438	0.617245	1.47088	1.2495	0.689787	0.44615
13.1277	13.1924	15.6771	12.8871	14.5857	12.799
0	0	0	0	0	0
10.1977	13.651	10.9416	10.3732	12.6846	12.0356
199.043	193.018	175.79	177.572	101.274	158.289
4.83276	4.11518	5.49642	4.22896	5.05199	4.20481
8.16995	8.5027	9.48129	8.04012	8.52175	7.60713
2.62075	2.89139	2.27221	2.14037	2.55386	1.98218
48.7965	51.7192	45.1548	55.2205	43.0944	48.7372
0.297041	0.358695	0.362625	0.437228	0.796752	0.645288
0	0	0	0	0	0.0653245

0	0	0	0	0	0
0	0	0	0	0	0
4.99646	6.53985	2.37599	3.9025	1.26033	3.17035
1.15909	1.22628	1.20169	1.12107	1.50399	0.872953
21.1222	21.4604	21.9498	21.7651	17.1958	20.3027
9.99617	6.14046	10.366	7.37295	9.53803	8.55255
14.4532	16.0644	18.1923	16.1898	19.3004	18.2324
0.828161	1.57403	0.871221	1.10823	0.000961804	7.16E-05
0	0	0	0	0	0
1.59156	1.53979	2.52941	1.05507	2.13861	0.897761
14.6669	13.6477	12.2291	12.8895	19.8712	18.2188
5.59307	5.8872	6.15216	5.45183	5.97876	4.67129
542.465	587.792	536.838	581.204	529.345	644.053
0.027677	0.0687484	0	0.0160047	0	0.0118053
0.217239	0.366267	0.310438	0.137496	0.388311	0.305128
3.51735	4.0626	3.22449	3.43691	3.67054	3.20951
35.7317	36.8434	35.3249	41.5537	31.5842	34.9122
13.9924	14.1301	15.3934	14.4122	13.8225	11.9994
0	0	0	0	0	0
38.9799	41.2673	39.4616	41.9961	40.678	45.6463
0	0	0	0	0	0.0124788
0.290245	0.361703	0	0.330671	0	0
0	0	0	0	4.70E-105	0
0.051123	0.0516047	0.0946892	0.119418	0.128782	0.0658195
3.80207	4.37956	3.40323	2.84885	3.7275	3.16965
62.2173	60.2985	52.4189	58.7232	42.2354	48.854
0	0	0	0	0	0
39.5574	41.0052	43.4203	38.952	37.6152	44.3594
0.145544	0.11845	0	0.835218	0.140759	0.11799
10.0947	8.98299	9.21469	10.6571	8.74092	8.98218
41.0948	34.7074	29.4937	28.8154	25.4631	23.222
0	0	0	0	0	0
0.108853	0.12058	0.0609507	0.0964557	0.340621	0.274542
0.266603	0.38386	0.259884	0.709888	0.26381	0.206766
9.62498	11.8818	10.4155	10.7593	9.1183	9.86747
0.278682	0.173647	0.526649	0.158749	0.150932	0.234292
0.187643	0.107926	0.200033	0.180889	0.125078	0.157754
30.2105	31.9089	24.0792	26.2828	32.7162	30.6295
7.61886	10.2023	15.0836	14.1253	7.43246	8.39448
1.73367	2.65432	1.09208	1.42492	0.321921	0.37479
0	0	0	0	0	0
42.3072	36.5275	50.1466	40.6466	50.3313	39.861
21.4998	21.4454	20.6046	19.5057	16.648	15.6639

16.4067	12.2227	18.4085	13.0193	19.2351	16.867
3.93736	3.35127	2.1739	2.97521	2.50881	2.75745
128.897	138.286	117.367	124.452	99.5199	126.426
0.0994205	0	0.167007	0	0.0358968	0
0.568198	0.669049	0.518814	0.433649	0.85333	0.372456
1731.16	2379.6	2283.67	3322.82	1858.31	2852
46.9697	50.2562	41.7662	43.3996	32.5045	38.092
12.7039	12.391	10.3039	11.0678	11.8044	14.3451
10.2909	10.2596	10.6683	12.4611	16.7203	15.9685
10.7191	10.399	10.9862	9.56793	10.2738	8.3688
20.6923	19.9999	20.2783	21.09	20.9037	20.3902
0	0.141074	0	0	0	0
0	0.102499	0	0	0	0
5.43567	7.9394	8.02819	8.11217	6.09071	6.61635
0.168229	0.209647	0	0	0.182223	0
2.49387	3.12975	4.3146	2.50108	4.62267	5.61069
36.3657	37.3951	32.6877	35.0518	33.5857	35.4132
4.71572	5.77656	3.89886	4.25835	3.9761	4.49393
0.0809607	0.0252232	0.0254996	0.103767	0.0181592	0.0170161
263.728	261.763	254.649	297.445	267.959	269.242
26.454	26.197	28.7915	33.0682	30.5686	38.3172
0	0	0	0	0	0
0.246092	0.16728	0.225484	0.280368	0.399843	0.35736
17.3048	18.2836	17.3952	18.399	16.0353	16.4475
0	0	0	0	0	0
0	0	0	0	0	0
16.3453	17.4079	12.6276	19.5651	12.9656	17.3391
30.7724	0	38.7688	0	33.3321	0
7.05749	6.49298	5.37699	4.02087	7.31694	5.84856
2.76246	1.74487	1.81166	1.46583	2.95125	2.89509
6.85665	8.27745	7.68258	5.72135	9.18784	6.67467
21.3075	19.6264	20.2595	19.3966	19.3533	20.5959
2.80023	2.96619	2.8223	2.65854	3.89254	3.21738
7.1406	6.96712	7.99654	12.7388	6.85517	6.98045
0.74982	1.15419	0.654682	0.622789	1.06226	1.04204
0.501569	0.435541	0.382881	0.467422	0.526834	0.191853
16.3084	15.8845	12.3033	14.2912	10.9511	12.3916
1.14303	1.42444	0.698847	0.80432	0.546223	0.73485
32.1722	38.6468	47.5527	40.4268	39.8401	35.1966
25.4849	25.9764	26.0378	24.0317	28.3092	28.8305
2.2872	1.90419	3.3596	2.31517	4.3578	2.77668
142.45	141.342	67.3689	75.4838	58.753	81.6754
10.5128	11.3629	12.4962	13.6937	12.8981	10.1629

0	0	0.420208	0.189996	0.36128	0
38.458	32.8481	38.5351	33.6377	47.03	41.6731
8.47527	8.88285	10.2436	8.89008	8.57188	7.30834
10.2189	9.48177	9.40973	8.60541	10.4622	9.49823
26.4946	22.2398	22.6564	20.3904	34.8507	31.3629
0.744247	0.15458	0.312548	0.141318	0.403077	0.208566
0	0.0375418	0	0	0	0
8.48902	6.38311	15.2076	13.0584	14.1225	17.0441
0.0391801	0.292957	0.246806	0	0.0424391	0
19.4883	16.8981	19.2129	16.0484	21.4277	19.3498
20.3025	21.0874	19.7986	19.3144	16.3172	19.2705
0.892805	0.680379	0.235029	0.48655	0.0688712	0.104001
0	0	0	0	0	0
21.1359	23.1889	16.1676	20.4153	22.7321	24.8641
2.58204	2.81089	2.24344	2.67117	2.94148	2.61987
23.0127	22.8541	22.6663	23.3244	23.0853	20.7276
20.9274	21.8988	24.4221	17.1614	26.462	35.2441
0	0	0.0997764	0.0902276	0	0.133163
0	0	0.698925	0.185893	0.742303	0.658446
1.13728	1.68915	1.88501	1.49838	1.74989	1.89478
0.411005	0.214791	0.317365	0.196363	0.761134	0.289916
2.60899	2.86425	0.547824	0.495396	1.48029	1.35782
64.9647	68.9349	60.1628	57.8711	65.5312	77.7366
0.0159661	0	0.140805	0.145519	0.0172941	0.0268458
11.7175	11.6802	8.54971	8.01632	12.5016	13.1237
15.608	6.68278	16.9175	11.0268	17.473	10.5561
0.427642	0.355326	0.359188	0.32479	0.617566	0.11983
0	0	0	0	0	0
5.02098	5.20458	10.0256	5.80729	5.59508	2.77414
11.1309	10.9053	10.8734	8.68242	10.4943	9.74191
0	0	0	0	0	0
1.30E-239	0	0	3.41E-240	0	1.13E-283
15.576	15.8091	16.422	15.4926	13.3224	15.7041
0	0	0	0	0	0
9.2305	9.00949	9.94339	9.24852	11.5825	10.7441
1.7922	2.02323	1.96571	1.60943	1.91843	1.68398
0.353593	0.422287	0.612529	0.352697	0.829844	0.656472
0	0	0	0	0	0
0.0369204	0.138031	0.139543	0.126188	0.0399914	0
31.3065	30.1768	34.3104	31.4904	31.6867	29.1654
0	0	0	0	0	0
18.5136	20.2149	20.9205	19.5628	20.923	20.0977
3.0586	2.28697	3.75063	1.97461	4.81493	3.6171



7.58997	7.54602	7.94411	6.55749	8.6189	6.77412
0	0	0	0	0	0
24.3858	25.1517	23.8545	22.1405	24.6562	24.4548
11.6986	13.832	14.0232	12.5186	11.2243	13.6793
1.28783	1.40428	1.46023	1.35716	0.94159	1.27216
29.1793	33.4409	28.5726	31.3034	29.9194	33.0179
0.0254985	0.0635525	0.0321244	0	0.0828585	0
1.41425	1.31033	1.50364	1.27882	1.8313	1.40942
1.75518	1.65401	2.00042	1.75966	2.47231	1.6999
1.02435	1.50752	1.29356	1.62326	1.01345	1.05307
20.4504	20.1567	21.6593	20.1912	21.4009	19.449
0.0762347	0.237509	0	0.217132	0.123864	0.128183
35.1948	31.0876	29.2401	23.3609	26.975	25.3064
13.1768	13.3687	14.8317	15.1237	12.8579	12.7114
10.0419	9.55189	10.9247	8.98111	15.094	11.7051
23.6785	25.794	24.3359	24.9338	25.2704	26.736
0	0	0.0198012	0	0.0172048	0
21.6991	17.7904	20.5752	19.647	20.7825	24.0996
0.11878	0.0298362	0.175952	0.0194832	0.106063	0.0354994
0	0	0	0	0	0
35.6229	39.4942	29.8126	26.1904	29.1807	34.5134
0.0689024	0.028622	0.0578713	0.0784993	0.0497558	0.019309
0.114064	0.0284293	0.0574817	0.0259903	0.0988417	0.0575371
0	0	0	0	0	0
0	0	0	0	0	0
6.61684	7.14052	7.88878	7.171	7.27863	6.72509
4.90917	4.63127	4.18432	5.00061	6.037	5.26788
0	0	0	0	0	0
0.638285	1.20689	0.529494	0.624585	0.9491	0.38389
40.0335	21.8781	32.985	21.6775	23.0832	19.5371
3.72812	3.07349	2.45683	1.7643	3.87255	2.78066
54.0989	77.668	41.3075	73.2461	56.2833	56.6268
0.141626	0.306473	0.130884	0.346097	0.220189	0.173935
5.74851	5.34059	6.03463	7.13587	7.81152	5.98199
5.87358	5.37423	9.5141	6.04696	9.06764	6.8246
43.5358	21.5834	18.7037	17.7355	19.4238	30.1053
11.3767	11.3043	10.4733	10.9889	11.0959	10.5706
17.0813	17.4731	17.532	15.8381	16.2843	17.3389
0.0408179	0	0.102849	0.0930062	0	0
2.49678	2.89782	2.76757	2.13646	3.56339	2.59456
0	0	0	0	0	0
0.485185	0.604637	0.815017	0.737017	1.48904	0.883785
10.033	9.52227	10.3465	9.15951	8.98195	8.11091

42.9584	44.8857	59.2471	56.9852	43.6802	43.3589
0.1278	0.0995398	0.201261	0.1638	0.761364	0.214885
76.677	75.8971	70.8371	76.8746	62.3325	68.6814
0.306056	0.0610123	0.329029	0.0557778	0	0.164663
0	0	0	0	0	0
10.6603	12.3469	10.3526	10.8518	10.6916	10.2485
0.313123	0.250508	0.36581	0.229016	0.290317	0.319218
5.12643	5.12235	4.59663	4.57765	5.35274	5.35819
87.1919	97.1429	98.0403	90.1976	85.5647	73.6554
5.19264	4.44104	9.91127	5.54624	7.69232	3.89475
282.708	278.169	283.372	332.418	249.565	272.04
0.292316	0.341516	0.299224	0.166515	0.949893	0.245754
1.2543	1.11083	1.51789	1.01553	1.23355	1.10999
25.0319	23.6346	25.7601	25.1922	29.7004	26.0126
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0151635	0.0188967	0	0.0172755	0	0
9.12161	10.4649	14.9792	15.4657	10.5987	10.2221
0.454278	0.198142	0.343395	0.284653	0.590478	0.362821
44.5347	43.4002	51.1884	48.4542	48.662	52.0364
0.0295224	3.55E-167	0.13327	3.47E-40	0.0977006	0.0235646
1.10888	1.22395	0.279405	0.50533	0.102953	0.106543
18.0723	16.2304	21.3814	17.2242	14.9508	14.0874
15.2283	12.0466	21.0762	16.1927	31.3405	26.6258
81.909	80.484	83.5177	67.8879	74.368	64.6238
1.53281	1.29146	1.77904	1.56923	1.63404	1.17652
3.61248	3.77491	4.25014	3.73129	5.14623	4.40195
39.3816	40.4784	39.2147	41.5112	35.2382	39.4327
129.31	142.348	107.921	126.799	107.852	131.663
14.4483	13.0052	14.1468	13.5122	17.3908	15.0716
0.0148012	0.110671	0.0745893	0	0.0320647	0
7.08412	6.74859	8.59516	6.6915	8.48855	6.67094
19.1096	23.3077	26.0072	26.3902	23.2409	15.2063
0.0572998	0	0	0	0.062066	0
0	0	0	0	0.0179044	0.0138966
18.2528	20.1949	25.9124	22.8933	32.387	28.8049
5.30015	5.13505	5.66779	5.61798	6.04687	4.605
16.4771	17.268	13.6574	13.1597	9.07956	10.1109
13.1399	12.4216	12.6217	10.8083	13.6363	11.6765
37.861	37.7095	38.7938	42.6899	50.013	45.2273
2.92431	3.09041	2.6536	2.0474	2.38613	2.39171
15.4733	17.7714	15.3984	16.2518	11.0274	12.4976

0	0	0.144067	0.0434264	0.165152	0.0961371
2.78E-05	1.67E-23	4.35E-11	1.78E-05	3.60E-05	9.08E-05
6.20691	5.99059	7.26771	6.03092	9.13683	8.52747
0.0762851	0	0.0480541	0	0.0826305	0.0641338
6.93723	7.43636	7.6803	9.12931	6.06788	6.72489
0	0	0	0	0.0774772	0
0	0	0	0	0	0
8.98421	10.2937	8.15798	8.944	7.43673	6.77716
2.14866	2.10795	2.13104	2.21356	2.82258	2.51744
0.158947	0	0	0	0	0.133629
14.5058	13.5657	11.1259	12.1991	9.54065	8.22036
1.07733	1.58629	0.850633	1.31221	1.31286	0.90907
13.8167	13.1859	13.1634	12.0152	15.658	15.8772
7.98341	9.70507	7.49472	9.15629	8.07733	6.8823
8.14124	8.42176	6.88997	6.3825	8.85105	8.06277
2.00258	3.10303	1.77289	2.03534	1.52486	1.27449
4.68754	5.36624	4.72259	6.97229	4.10649	5.40659
0	0	0	0	0	0
0	0	0	0	0.0230055	0.0238077
0.919735	0.386373	1.89353	0.699666	0.425476	0.180206
0.13867	0	0.174705	0	0.150205	0.116582
0	0	0	0	0	0
95.199	94.3109	96.6293	94.1241	107.915	84.8785
14.3566	13.8291	14.2873	12.9232	14.8439	13.5166
5.25053	4.93866	5.18237	4.07679	6.04951	6.45258
7.90876	8.11577	8.73654	7.71314	8.35184	8.61049
18.0437	19.1548	21.2985	18.2609	24.6569	23.0967
6.7403	6.27182	6.22732	5.00239	7.20361	6.04084
27.1227	26.4745	23.6961	26.7129	33.6251	32.9821
0	0	0	0	0	0
1.10041	1.09706	1.90128	1.03876	1.32816	1.18945
16.5214	14.6771	15.4445	12.9363	15.9751	15.5383
0.827933	0.85121	0.651922	0.636694	0.62776	0.904869
6.62704	5.59986	6.80298	5.7002	6.87151	5.52382
15.9723	15.2491	15.27	13.4025	14.5081	12.6219
0.0536524	0.0668615	0.0225314	0.0407502	0.0387434	0.0300708
3.9973	3.48278	3.94773	3.58922	5.81587	5.5535
0	0	0	0	0	0
127.045	119.478	211.504	171.652	229.984	218.551
7.61944	6.82775	7.45421	7.61667	8.32091	8.85004
0	0	0	0	0	0
41.0795	39.9437	46.5846	39.776	44.6484	37.3418
0.0627776	0.0391167	0.0395453	0	0.135999	0.0263889

57.1378	60.6764	53.9889	46.6244	48.9834	41.6931
1.86421	2.2649	4.1439	4.20655	2.68618	2.3711
28.0345	10.5499	4.52592	9.44401	1.98672	1.11973
2.2134	1.74809	0.871425	0.38705	1.04891	0.614978
0.268628	0.334764	0	0	0	0
1.51586	1.94545	1.79574	1.36613	1.4949	1.06517
53.5339	50.9755	56.596	50.2788	50.2149	48.0634
0	0	0	0	0	0
59.6769	43.3821	43.8575	62.3232	37.7071	29.2665
0.153708	0.383101	0.387299	0.291861	0.443981	0.344597
14.1762	13.6603	13.0796	13.479	12.6725	13.3802
1.25706	2.01412	2.63951	1.63673	3.37162	1.96267
4.95E-08	0.117441	2.03E-05	2.53E-06	0	0
22.5163	22.0652	18.7435	17.3447	21.1663	44.3827
0.0985064	0.0306896	0.186156	0.196397	0.0533501	0.124223
3.61441	3.37309	3.81668	4.20446	3.22645	3.87915
82.3024	83.7478	78.6252	82.5767	62.5302	68.9416
0	0	0	0	0	0
20.7263	21.1893	24.2897	22.2623	30.6444	28.45
9.51232	8.65858	10.7646	12.0093	9.50211	14.077
3.30801	3.26797	3.72812	2.80944	3.75256	2.64962
6.78908	12.2998	21.5369	19.1596	39.2011	46.8689
0.84573	0.405746	0.716366	0.752902	1.01137	0.930022
0	0	0	0	0	0
1.02635	1.08226	1.39251	1.13932	1.76735	1.15048
4.23862	12.0807	15.1361	9.63203	5.29971	9.69813
5.64532	6.4556	5.18786	4.59243	6.90368	4.61387
7.44611	9.63162	11.1367	9.06398	6.82861	6.17936
13.7367	19.0208	16.5371	18.4323	15.0447	17.7079
0	0	0	0.0345922	0	0
0	0	0.183077	0.993336	0.157403	0.366507
0.0272085	0	0.0342787	0	0.0294717	0
0	0	0	0	0	0
0	0	0.130908	0.11838	0	0
0.671404	0.526931	0.393978	0	2.97667	2.2084
10.1132	9.29938	10.3928	8.25544	10.2117	8.77761
0	0	0	0	0	0
0	0	0	0	0	0
3.50356	3.2969	5.28457	5.5133	5.27734	4.56633
18.8088	21.4089	20.5095	23.5325	15.7507	22.284
12.0332	11.0588	11.562	10.4996	12.461	12.8655
22.2183	25.5967	21.7814	23.6102	16.2737	20.1167
67.6756	70.8591	64.8227	57.9848	46.3431	51.2796

13.1936	15.3645	12.9656	14.7052	10.8669	10.9425
0.137051	0.102475	0.103598	0.256069	0.0771942	0.0506968
4.55209	4.07005	4.72771	4.00385	3.9734	3.92458
49.4407	49.4425	66.2309	66.6061	57.3277	56.7454
4.52845	3.86447	9.79804	7.51447	7.14442	5.95898
0.920764	1.46845	1.43453	1.51993	1.69218	2.63842
0	0	0.146654	0	0.126088	0.0978633
59.0845	63.7713	58.2228	54.6536	46.2463	42.739
7.83487	6.82241	2.31282	2.98783	1.81094	2.72845
1.03225	1.1655	1.13764	1.98405	1.11811	1.30156
0.105764	0.0659014	0.266494	0	0.114561	0
0.466229	0.546837	0.950175	0.406186	1.09914	0.507248
0	0.131201	0	0.119944	0.0570189	0
13.0364	16.4782	12.7367	14.5026	13.2992	14.5464
1.08332	1.15717	0.931547	1.07748	0.707783	0.766195
0	0	0	0	0	0
18.276	17.5103	21.0615	19.5859	18.3072	15.9895
11.6517	11.7156	12.968	10.6868	11.3265	12.3907
50.1565	43.9581	37.6578	44.0486	43.3353	41.6606
0.0296036	0.0122973	0.0870244	0.0224845	0.0305866	0.00829602
0.0414046	0.103197	0.0521637	0.235858	0.0896972	0.0696186
0.0954701	0.345256	0.346665	3.32E-08	1.58E-09	1.16E-10
60.4977	56.5566	45.674	55.3381	34.7842	50.3477
4.5218	4.38635	3.72239	2.86856	3.92387	3.41271
15.9561	15.7607	14.9543	15.4653	17.0525	14.268
1.04556	0.847968	1.54725	0.567233	2.4628	1.0604
40.1356	28.9598	52.1327	34.2479	48.0363	43.4428
14.1581	13.5398	15.1528	15.823	15.4428	15.0396
1.83078	1.8282	2.30498	2.16973	2.54999	2.97116
0	0	0	0	0	0
0.814209	0.894508	0.688355	0.73843	0.794901	0.432325
0.355965	0.124764	0.378392	0.11406	0.650657	0.589177
0.299482	0.382885	0.244852	0.157453	0.164179	0.243303
0	0	0	0	0	0
14.2406	12.3535	15.9413	12.4879	17.777	14.3138
30.8976	35.4467	28.1881	29.8308	33.2578	36.7247
0	0	0	0	0	0
33.3521	28.6722	32.1512	29.7719	34.7754	33.8247
0.505464	0.350835	0.572324	0.342604	0.803937	0.42495
0	0	0	0	0	0.189597
151.483	113.875	283.253	189.915	82.4994	102.404
1.23447	0.890652	0.859484	0.592174	1.58347	0.682787
17.343	16.6819	16.0717	18.5691	22.5047	23.7866

6.68588	6.61645	6.97442	5.19824	6.44699	5.46631
2.16126	2.00977	2.17	2.41229	2.53117	1.86311
10.3559	10.7112	12.6333	11.3903	12.7043	12.0935
0	0	0	0	0	0
1.9468	1.73293	0.817563	1.79549	1.00416	1.87052
37.9817	94.6654	59.8142	43.2719	20.5705	31.9317
12.3053	12.3192	12.8668	11.3313	11.6966	7.64066
3.95857	4.36229	3.57427	2.4105	4.75203	4.21372
73.6781	79.3304	72.65	69.2787	65.2286	65.0805
21.342	24.9528	22.3664	22.7628	24.5102	25.0717
15.7144	15.3803	15.9608	13.0301	17.1846	13.3741
6.02666	7.9839	6.88296	7.23923	3.74648	4.81335
15.6811	13.0961	17.8941	14.6226	14.1397	9.75517
0	0	0	0	0	0
0	0	0.174115	0.157452	0.0374238	0.154919
0	0	0	0	0	0
0.71559	0.841718	1.47123	0.898971	1.04219	0.736003
11.0231	13.3878	12.0045	13.3035	12.2436	11.7019
89.9916	60.9029	129.237	66.246	15.9635	11.8837
7.70236	7.79892	7.4433	8.32644	6.17844	5.88679
0	0	0	0	0	0
19.7992	22.2645	23.6003	27.9492	22.3848	26.3132
6.4204	5.75009	5.47515	4.66589	7.54208	7.59288
95.8366	108.208	90.3383	92.3587	71.7946	102.436
19.0905	18.7046	15.5693	16.5286	13.7769	15.4728
0	0	0	0	0	0
15.753	14.4996	14.8343	13.2477	16.5417	15.2564
10.6134	10.2764	11.6464	10.0139	7.11842	7.14928
0.273247	0.501321	0.831941	0.92527	0.887927	0.676404
2.84058	3.59124	1.3485	2.72031	2.00665	2.83805
5.72629	4.46006	4.80953	3.80559	2.58442	4.2149
28.9506	31.6065	33.8022	33.1687	27.737	24.0649
11.6646	9.28719	11.8382	7.79825	10.6168	8.10407
12.0769	10.6322	13.2337	11.2279	19.8909	16.6595
0.0607904	0.0378785	0.114881	0.207772	0.0658469	0.102214
11.2077	10.5059	12.4345	10.7792	12.3167	10.8204
41.2767	46.57	40.5822	38.7158	30.5983	30.1647
1.02502	0.973241	0.823075	0.915409	1.76506	1.21213
8.97987	8.73068	7.26589	8.7313	5.78578	6.08514
0.229697	65.5825	1.67468	939.945	1.30342	26.4346
61.1794	60.4414	71.7162	70.5292	65.7039	76.619
0.0634397	0.0527056	0	0	0	0.0355563
1.52948	1.57119	1.45821	1.53058	1.94774	1.78977

3.20697	3.13651	3.83574	3.19116	2.99004	2.66201
64.844	56.4771	69.0265	53.2771	43.6238	42.0506
0.881133	0.366022	0.246689	0.44616	0.954425	0.905396
0	0	0	0	0	0
16.6898	13.4042	18.9858	15.7953	17.976	18.5923
0.663727	0.620352	0.8362	0.486111	0.718936	0.219216
33.1023	35.0376	33.7583	46.9154	41.0814	55.9752
12.3701	12.6638	16.1452	15.9485	15.5475	13.6664
13.202	13.7003	12.7096	12.0905	15.1433	10.5648
88.6352	91.2326	92.3163	81.4026	108.797	101.999
0	0	0	0	0	0
24.6899	27.2021	28.0901	31.656	27.5326	29.7102
0.913642	1.18755	2.30211	2.12656	1.7026	1.46189
0	0	0	0	0	0
11.2657	7.73005	15.6406	11.8253	19.1159	15.7603
0	0	0	0.0742955	0	0
1.61221	2.05503	2.14256	2.07247	3.28556	1.5333
18.2708	19.5419	19.9373	9.17853	11.6873	11.9739
0	0	0	0	0	0
6.93554	7.45392	7.85813	6.41669	8.11747	6.67215
0	0	0	0	0	0
25.9321	25.8958	26.2025	25.7435	25.7421	28.96
62.0083	74.1982	67.2357	65.0199	58.5148	61.4912
0	0	0	0	0	0
0	0	0	0	0	0
0	0.146455	0.231344	0.13389	0.127297	0
0	0	0	0	0	0
11.3292	7.74931	11.3189	10.8408	12.3324	11.3936
10.3005	10.4127	11.047	11.8094	7.37937	10.2766
13.4969	15.8877	21.1353	19.1547	12.058	13.3996
1.671	1.15442	1.15025	1.39037	1.4299	1.65544
87.8394	92.4572	105.696	110.803	108.764	141.064
154.267	166.79	154.541	160.422	146.613	181.062
4.9358	4.36262	6.32474	5.20464	8.85322	5.52304
0.356645	0.251614	0.351929	0.282951	1.42772	0.612707
0.0642119	0.120031	0	0.0365778	0.0695531	0.0269919
29.6886	26.6657	29.6474	25.5092	28.7164	27.0047
14.2494	14.2675	12.9843	15.2386	14.2941	15.841
0	0.140165	0.141701	0	0.0609149	0
2.99185	2.23009	2.71248	2.00691	2.84698	2.60931
11.7294	10.8528	12.8406	10.631	13.3795	10.4039
13.0811	14.1804	9.09628	9.44324	8.41103	7.24967
0	0.145201	0	0	0	0.0979559

3.57186	4.49763	3.87145	3.9995	4.76695	3.41593
5.26402	5.21132	5.56844	4.61378	6.23806	4.48167
132.162	124.664	125.095	118.329	117.049	117.089
2.53491	1.25621	5.8643	2.24621	4.5281	2.84151
0.103006	0.0570514	0.0576766	0.117353	0.0495884	0.192441
21.774	21.546	20.7021	19.0218	12.8263	11.409
2.16485	2.77041	3.14793	2.85171	3.78705	2.76664
0	0	0	0	0	0
0	0	0	0	0	0
0	0.116968	0	0.106933	0.0677779	0.026303
5.57234	5.41807	4.86028	4.67418	6.46698	4.98075
0.38477	0.4795	0.242377	1.0959	0.83355	0.323481
0.0360819	0.0224826	0	0	0	0
3.21184	2.48336	3.21944	3.81945	4.90108	4.0405
0	0	0	0	0	0.0631115
0.0931817	3.14E-07	1.62E-07	9.64E-08	1.59E-07	1.23E-07
81.9283	77.3455	82.2772	80.7152	84.9762	82.7033
5.15827	9.53293	8.36531	8.1774	26.6171	15.8794
8.30563	7.48498	7.64192	7.38481	7.4291	6.66601
7.90024	7.57415	7.83811	5.12421	9.38395	6.19653
36.9967	40.8916	49.0224	40.0426	52.899	39.8917
8.12471	8.84214	6.19924	7.43115	6.69336	5.9647
15.3446	16.325	13.8131	14.2565	13.872	12.9708
42.6716	38.2425	47.0788	50.8265	53.9433	50.5016
0	0	0	0	0	0
0	0	0	0	0	0
1.16845	1.38285	0.783535	1.34016	0.71148	1.05275
0	0	0	0	0	0
14.131	14.8022	16.1369	15.7086	14.431	16.7186
11.3081	13.199	7.62493	11.825	11.4724	13.9925
0	0	0	0	0.112347	0
9.84026	10.382	10.9432	11.1771	11.4602	10.3504
42.2605	51.5866	37.9218	48.887	39.121	53.2364
0	0	0	0	0	0
0	0	0	0	0	0
2.51715	2.43711	3.29322	1.74271	2.32804	2.01853
81.7988	56.5014	74.6518	55.5832	130.895	93.1737
0	0	0	0	0	0
10.0581	10.0076	8.67191	9.87856	11.3282	11.9625
92.1441	83.3686	83.8042	93.0066	77.5787	91.074
0	0.489303	0	0	0.212648	0.165047
5.45926	4.65185	6.43699	5.42225	5.93863	5.70766
18.1833	18.2355	23.0019	16.6447	23.4452	16.1278



0	0	0	0	0	0
24.1833	21.4741	23.0364	20.9277	17.9348	17.4268
51.166	58.1581	51.5299	51.0082	51.2462	54.2936
0.101886	0	0.128361	0.116077	0	0.0428283
0	0	0	0	0	0
4.67491	2.93449	4.57151	3.09165	2.23078	2.88571
0.0499475	0.232527	0.251707	0	0.216409	0.185918
1.24586	1.43677	1.33686	1.4898	1.5395	1.10149
0.824759	0.761102	0.67029	0.709836	0.679661	0.616763
12.3774	12.7002	14.1515	11.591	13.8824	13.0109
36.3711	33.6421	31.6653	28.1804	34.8591	38.1242
0.608648	0.172385	0.975936	0.724941	1.28858	0.534956
0	0.0958278	0.0968778	0	0.0832922	0.129295
42.2368	54.0013	46.5442	49.9897	49.7235	62.0655
11.3213	13.6712	13.7104	14.298	13.4038	12.7644
14.9756	16.259	12.6733	15.2088	11.7973	14.5931
0.455415	0.514321	0.771687	0.644218	1.45989	0.633187
3.15548	3.95099	4.20153	3.69721	4.14689	3.77182
1.337	0.925647	1.62204	0.959064	1.7164	0.790984
1.33861	1.53548	1.72479	1.62904	1.21928	1.38116
5.86492	4.55448	4.31935	2.99392	7.20105	4.46251
0	0	0	0	0	0
1.09557	1.05374	1.06529	0.627438	2.00612	1.59241
0.621304	0.723497	0.419179	0.282363	0.250071	0.236907
3.00E-05	4.14719	0.41025	5.53101	2.63E-05	0.000461025
0.168858	0.278492	0.3046	0.296331	0.361342	0.234099
0	0	0	0	0	0
20.406	19.955	20.943	20.2954	18.356	17.1139
0.0281938	0	0	0	0	0
20.1704	19.1846	23.8846	18.8644	25.3932	22.5828
9.54318	8.73669	9.45497	8.44455	9.03229	9.13953
1.49228	1.03315	2.29784	0.755611	1.6164	0.696986
0	0	0	0	0	0
1.77153	2.52797	1.91613	1.61874	2.83615	2.73624
27.5386	24.698	25.2925	24.7047	22.2508	24.9447
3.13065	2.44002	1.26636	1.00202	1.39499	1.338
1.40694	0.807909	1.35077	0.738596	2.61207	0.976429
38.0369	35.9067	47.7015	44.2856	51.2011	51.8803
0.0945302	0	0	0	0	0.0794727
16.2164	16.6902	15.8455	14.8996	16.5837	14.303
1.4481	2.43481	1.4769	2.19973	0.896318	1.52663
0	0	0	0	0	0
3.63866	3.9452	4.42262	3.73456	4.41011	3.50377

0.483369	0.202337	0	0.183131	2.28E-84	0.26979
10.089	8.31156	10.4459	8.66458	13.3584	10.6314
2.29875	2.14029	2.79622	1.02349	2.17513	1.39946
3.7721	5.14591	4.83158	4.01765	5.25994	3.97834
7.96408	7.90455	9.37921	7.87193	8.4049	8.25689
0	0	0	0	0	0
0	0	0	0	0	0
0.860386	1.53173	1.39366	1.3303	2.19674	1.39501
8.6933	8.1924	8.76155	7.6522	7.00019	6.9548
12.1834	12.2983	13.9061	12.2144	12.8896	12.5183
0.429865	0.238088	0.21061	0.163246	0.336282	0.321238
1.02153	0.813027	1.24372	1.31051	1.42264	0.88768
6.28313	5.79733	7.09547	6.38841	7.26381	5.92394
36.7894	32.5748	32.0899	29.6417	32.1516	28.2228
0.207085	0.0368671	0	0.0674082	0.160222	0.0746139
0.0554648	1.76256	0.0349388	5.14999	0.300391	1.32895
14.5927	14.917	12.0729	11.2239	13.5848	14.0209
8.92291	10.2072	8.68197	11.0047	11.2202	11.295
0.974265	0.148669	0.601191	0.543655	0.581494	0.100295
3.7997	4.06273	4.58879	3.20188	6.52677	4.80114
412.569	292.031	210.558	244.785	131.961	143.008
0.0593267	0.184832	0.0186857	0.101385	0.20885	0.074815
0	0	0	0	0.101892	0
2.22112	2.4461	2.50544	1.89786	2.57372	1.91075
0.0721411	0.0674266	0.0908873	0.123284	0.117213	0.030325
26.8554	31.3638	25.0242	30.4242	25.5306	28.6846
9.90642	9.27379	10.7688	9.50418	9.90896	7.95652
147.472	142.515	183.824	119.658	162.779	126.051
1.85982	2.89713	0.878662	2.20714	2.09846	2.47566
3.26551	3.86463	4.55711	2.89088	4.22666	4.69166
8.39425	7.86358	8.44144	7.42874	8.88733	6.62953
1.42E-06	7.97E-07	3.88E-07	4.48E-07	0.54138	0.600839
0.314429	0.209915	0.339544	0.230287	0.304092	0.339871
0.773706	0.853998	1.55961	1.48591	1.58035	1.88635
0.389979	0.242996	0.245658	0.222148	0.844834	0.16393
46.5798	40.4963	48.6382	49.2045	50.3164	60.7104
18.7896	19.7643	20.3903	21.2658	22.0279	22.4789
8.42773	7.64104	5.53968	3.59015	5.55663	4.06634
0.165036	0.123401	0.207922	0.188023	0.178764	0.0277496
22.0647	18.9393	26.3919	16.4663	23.6723	20.8758
0.0498067	0.124138	0.0627492	0.170232	0.107899	0.167492
0.287802	0.224161	0.226618	0.20493	0.467611	0.332693
0.49274	0.175443	0.443415	0.721762	0.609973	0.414253

6.39767	9.09564	6.45335	8.3228	4.58831	5.73332
1.1572	1.4421	0.728951	0.593754	1.19078	0.608298
36.5265	41.2667	38.6414	52.7293	27.9635	32.7541
60.7105	61.3103	55.8954	55.4093	64.324	65.7221
4.82951	8.33866	4.75575	9.78668	7.90992	8.01179
12.4001	13.7538	12.8025	12.9255	11.871	11.2468
0	0	0	0	0	0
0.646423	0.475578	0.686842	0.363793	0.919529	1.01489
10.3311	12.666	11.5714	15.5418	7.5487	10.5807
0.515853	0.643256	0.228249	0.206405	0.409177	0.334195
1.59895	1.7327	2.49615	3.4057	1.73195	2.07483
18.1548	17.1325	19.523	18.3641	17.0965	17.196
0	0	0	0.0300888	0	0
0.280976	0.210091	0.247792	0.640221	0.273912	0.354329
0.619657	0.702015	0.851648	0.641786	1.15935	0.75775
0.136753	0	0.103373	0.0934802	0.148128	0.206946
14.7561	13.0664	17.0609	14.2467	19.8064	15.7165
0	0	0	0	0	0
0.0742214	0.0462473	0.420786	0.126839	0.32158	0.0935982
0.930749	1.34033	0.859912	0.926856	1.70268	1.11288
0	0	0	0	0	0
8.01494	8.9503	7.64479	8.3303	9.6072	9.1935
7.18803	9.26884	7.208	8.14179	5.19437	4.88867
3.13344	2.13839	3.10175	3.10239	3.43449	2.44616
98.8632	112.028	106.597	109.312	79.1654	96.7029
67.7286	81.9627	64.7221	83.3891	47.5614	48.1146
19.253	20.1414	19.5103	22.0813	20.9591	16.2945
26.0711	31.3181	19.3999	26.0708	34.7712	36.4456
5.80514	5.39555	6.56846	5.7917	5.8327	5.49493
10.2286	9.79196	10.2507	8.56343	12.5064	9.81107
2.29265	2.40088	1.69912	1.49261	3.58931	3.01261
3.60348	2.49481	2.72392	2.91939	1.64803	2.49092
17.4751	16.6904	16.1533	15.9495	16.4963	15.6558
19.675	20.4153	20.8229	23.0443	21.3803	26.3024
2.09349	4.41869	2.03158	6.48913	2.15527	3.29013
9.85983	8.03401	4.77767	4.32044	6.57229	5.73873
35.4578	37.2007	43.2746	41.3997	51.4193	46.342
17.2184	15.8606	19.2619	15.2294	20.0947	15.7036
6.1553	7.13432	4.17565	4.46258	4.14958	4.88534
0	0.0279099	0	0	0	0
0.373178	0.258363	0.470149	0.425155	0.494045	0.313735
10.4438	10.6467	11.0786	11.9324	10.7834	10.6685
1.15787	1.60326	2.37721	1.31914	2.09029	1.65844

1.13075	1.11105	1.09583	1.33779	0.77728	0.438754
1.59914	1.64117	1.30362	1.3932	1.52837	1.18625
23.0665	21.843	20.1505	23.126	22.9565	26.5769
4.78717	4.32909	4.47119	4.41302	4.17117	4.13204
0.168338	0.149844	0.136338	0.301375	0.0781456	0.0707617
0.920227	0.382262	0.257634	0.116489	0.332257	0.429803
4.84624	7.01967	7.55504	6.89725	12.9924	8.85069
0.611027	0.380731	0.144338	0.580111	0.883389	0.299657
0.2146	0	0.270364	0	0.23245	0
0	0	0	0	0	0
0	0	0	0	0	0
0.443015	0.510112	0.34955	0.449415	0.197315	0.229422
0	0	0	0	0	0
1.90481	1.95019	2.76058	3.26888	2.76863	3.1872
0.0404035	0.0471448	0.0821184	2.19E-10	0.106156	0.0744392
16.9429	18.3605	15.9098	18.2238	33.6268	30.1693
168.235	195.043	149.533	165.067	121.579	135.947
0.293303	0.229587	0.598335	0.386226	0.471787	0.322284
0	0.0549554	0	0	0	0
0	0	0	0	0	0
21.2878	19.464	26.7181	22.815	21.6323	21.247
14.8791	15.396	14.8067	13.5406	13.0033	12.1175
0.0707242	0.176273	0.267307	0.100719	0.229821	0.163511
3.0408	3.43279	2.88449	3.09752	4.72748	4.9625
0	0	0	0	0.0439357	0
1.9518	4.226	1.64399	2.12906	2.43448	3.47881
14.4861	12.2422	13.0689	12.688	16.6724	15.3024
7.34874	5.35811	7.50818	5.23037	6.4274	4.35182
0.441516	0.183406	0.370831	0.670682	1.59414	0.371188
35.8246	66.9472	22.1711	76.7706	16.8409	18.4358
3.89669	2.45357	4.29651	3.19649	5.76943	3.34512
32.3823	33.0578	49.0659	44.3995	38.5871	32.0178
40.6225	44.2733	38.9866	38.6625	45.0509	47.3057
0.646854	0.577668	0.382938	0.199926	0.70131	0.30824
0	0	0	0.0141172	0	0
0.959303	0.934928	0.960668	0.686576	1.35882	1.27178
6.28868	18.4495	25.6902	13.2523	29.0108	31.5408
0	0	0	0	0	0
0	0	0	0	0	0
59.531	61.5804	42.1903	44.0796	27.434	37.9989
8.54286	8.85744	7.87191	8.02644	8.41014	7.89361
0.202211	0.218059	0.119042	0.216047	0.123842	0.216248
8.59747	10.7772	13.8084	14.4055	14.9123	17.6799

61.4599	58.1262	35.5288	32.0811	44.1407	56.0874
7.27259	6.79922	5.17904	3.96358	5.1809	3.44715
42.3504	50.9817	39.3672	34.6941	35.5685	32.3886
14.6698	14.0472	18.7196	19.2016	20.622	14.9856
3.60834	3.60398	3.54319	2.66	3.01757	2.81051
0.561235	0.437131	0.486113	0.0799256	0.569923	0.442347
0	0	0	0	0	0
1.65269	1.54094	0.968999	1.48146	0.988301	1.11017
7.85588	5.6162	8.99752	5.33077	8.80278	5.30019
1661.65	1815.02	1700.41	1874.74	1723.6	2190.35
25.3387	25.7137	23.8597	27.798	17.8775	22.4009
0	0	0	0	0	0
6.69202	6.53456	7.16764	6.14054	7.36935	6.39299
0.756945	1.10052	1.24881	0.965038	1.46412	0.734859
56.5958	85.6385	88.6178	92.8182	86.918	82.8599
22.1039	22.2004	24.1189	18.1013	25.2271	20.9774
0	0	0	0	0	0
0.431261	0.487443	0.429607	0.479902	0.423679	0.455316
0	0	0.0954467	0	0	0
0	0	0	0	0	0
9.64473	15.1306	10.1961	12.8364	9.08679	9.89806
0.613422	0.262778	1.98036	1.48508	0.436043	0.741335
4.53487	4.12909	5.70735	5.05994	5.76463	4.80767
0.395839	0.690612	0.39896	0.811751	0.471641	0.831967
23.5391	23.9439	29.6193	27.2828	29.4417	26.4641
21.5794	22.569	21.8039	22.4638	18.5127	17.3512
0	0	0	0	0	0
12.2251	10.8713	9.5114	9.36209	9.20799	7.74237
1.71399	1.51104	2.1028	1.74807	1.77549	1.17669
45.5752	49.8762	43.371	52.1242	42.1846	47.7118
0	0	0	0	0	0
8.93152	8.95815	8.35536	8.9858	7.80718	8.12585
6.2823	7.41976	7.94973	5.54998	12.7311	11.0414
0	0	0	0	0	0
103.684	106.587	109.75	103.439	98.2694	112.88
15.5814	14.9844	15.3818	15.3951	15.5262	14.4798
18.714	21.2625	20.3915	24.4705	31.695	26.9547
0.0655837	0	0	0	0	0
0	0	0	0	0	0
2.67487	2.99445	3.43057	2.92501	2.83189	2.07972
0.273621	0.298362	0.215451	0.506563	0.185238	0.402563
6.26315	5.15458	5.76317	4.59062	6.35576	4.82521
0	0	0	0	0	0

41.4944	45.136	62.4977	64.4672	50.8294	62.4825
0	0	0	0	0	0
0	0	0	0	0	0
17.8662	16.0767	16.9276	20.7428	21.6724	20.0953
3.15115	3.31286	4.42149	2.24621	3.60731	2.95253
0	0	0	0	0	0
0.218292	0.246127	0.170248	0.153955	0.180152	0.139825
0.140223	0	0	0.0399384	0	0
7.9336	7.47224	9.19899	7.35556	9.90862	10.1687
0.215782	0.0597554	0	0.0546288	0.0519386	0.0403122
0.739945	1.05852	0.700173	0.669138	1.3673	0.454301
0.960969	0.387086	0.711505	1.60423	0.898436	0.791965
0	0	0	0	0	0
7.35186	7.36966	6.85276	6.34936	7.46084	6.30056
0.0432617	0.0269564	0	0.347065	0.0234301	0.054556
0	0	0	0	0	0
0.0778743	0.129396	0.0981102	0.0295736	0.168704	0.0436465
0.0601243	0	0.0378739	0.102748	0.227939	0.935123
0	0	0	0	0	0
0.224846	0.140101	0	0	0.121774	0.0945153
13.8258	13.4851	12.8662	13.1082	13.2248	11.5276
10.06	10.4434	9.41642	9.5474	8.81146	8.20368
24.1475	24.0863	21.5621	23.8689	23.4925	28.7358
0.0291054	0.108813	0	0.0331592	0	0.0244692
5.53079	5.60832	6.53746	4.97143	7.05575	4.91058
16.851	19.7019	18.1683	23.57	15.8339	17.656
0	0	0	0	0	0
3.36179	2.22844	2.25286	1.79278	5.4234	2.40536
30.7924	31.1217	34.3037	28.8719	32.2041	32.145
110.5	92.0421	84.4775	105.515	103.204	143.32
54.6194	55.0124	57.1516	51.9302	56.78	47.2346
32.5731	30.4845	35.6306	32.9052	31.2383	34.5645
0	0	0	0	0	0
30.3184	27.2904	32.5411	30.5181	34.3758	35.2988
5.17263	4.34313	5.86971	5.68412	5.08631	5.0889
10.5587	9.229	10.4387	10.4839	7.54519	7.82883
0.482895	0.46094	0.427158	0.550154	0.523062	0.23322
11.6533	10.2867	10.6761	11.3666	13.1862	12.8911
0	0	0	0	0	0
3.41261	2.10721	1.73923	1.06046	0.957824	1.3695
1.0322	0.612132	0.60217	0.358272	0.842692	0.594486
61.44	58.0001	68.227	57.832	79.9698	72.9947
414.821	481.957	449.504	474.304	367.814	396.587

12.0241	13.4027	9.93072	10.7307	10.2747	11.8497
5.03834	4.56284	4.58852	3.96832	4.38294	4.1438
8.11122	8.58485	8.13454	7.51173	8.76964	8.37092
7.53109	7.17013	8.14394	6.53082	10.4004	6.0966
19.472	25.0526	18.6589	21.1883	19.3033	19.9628
0	0	0	0	0	0
113.905	108.682	132.328	130.078	141.604	141.646
0.0299995	0.0373854	0.0755901	0.102534	0.0649898	0.0504419
30.1084	29.3605	28.0264	28.4513	29.5133	31.2448
64.6999	65.4566	65.2645	66.5843	31.4746	46.5993
0	0	0	0	0	0
13.6955	14.4641	15.4298	16.5292	15.5223	14.7635
9.40518	8.35537	8.33746	8.02046	11.4248	8.99786
21.7779	20.812	21.7379	19.6935	22.756	22.4215
46.5069	46.5028	43.9203	50.3881	43.7291	49.893
39.8814	43.5132	35.6735	37.8426	32.4733	32.6525
1.32928	1.55301	0.523342	2.17698	0.629932	0.558769
7.80096	8.47642	9.15028	6.93926	8.5539	7.8668
0.403255	0.379703	0.403467	0.0684091	0.520429	0.315513
15.9856	17.0176	17.2591	15.4281	17.6935	17.7969
1.85972	1.4262	0.6308	1.05937	1.23963	1.26282
0	0	0	0	0	0
304.921	350.851	0.212711	0.0961769	0.182881	0.0709719
0	0	0.109029	0	0.0937392	0
22.5908	16.4398	27.2175	13.2539	30.0935	17.3272
0	0.535295	0.044724	0.0808876	0.0769043	0
30.0116	29.012	32.5299	28.7988	33.6188	30.2785
147.595	161.208	161.915	120.849	150.247	132.522
0	0	0	0	0	0
59.3037	60.0567	59.1806	62.1415	46.1824	52.0329
0.036731	0.140383	0	0	0	0
17.8564	18.046	15.0479	13.403	19.1902	14.777
30.3609	33.5224	29.8598	35.7073	26.6627	35.1811
0.934943	1.25733	1.21179	1.01919	0.888855	0.644648
2.17816	2.49046	1.46718	1.15478	1.49503	1.11202
0.825358	0.971418	0.808758	1.35824	1.34102	1.19503
5.63569	4.75724	7.00463	5.061	5.8751	4.50222
0.192327	0	0.030288	0.082168	0.156243	0.0606343
47.1962	51.1834	50.1394	48.59	45.4867	41.1465
17.4066	15.3977	16.4472	13.2179	14.5315	12.6745
1.08048	1.66332	2.32213	2.02749	2.89147	2.77856
0.556225	0.567137	0.366308	0.38886	0.629878	0.510136
0.605849	1.59713	2.02563	1.46011	2.95309	2.93852

1.09791	0.507563	0.95932	0.665764	1.78385	0.684826
0.513515	0.388467	0.654539	0.947036	0.397888	0.524136
0.306626	0.169679	0.130842	0.245426	0.261443	0.337083
0.115751	0	0.145829	0.131873	0.125379	0
5.87738	5.57686	6.56639	6.12357	7.25916	4.85103
31.8221	32.6196	33.4958	34.512	35.7433	38.8688
36.7444	28.9379	24.8701	38.684	27.8864	34.6663
0	0	0	0	0	0
0	0	0	0	0	0
0.136701	0.0118216	0.172204	0.346452	0.259403	0.239704
0.263287	0	0.552838	0.399944	0.285187	0.295131
0	0	0	0	0	0
0.183345	0	0.461975	0.208881	0	0.23121
14.8456	9.69926	15.2122	9.80831	18.0361	10.867
0.140984	0.194039	0.188319	0.231624	1.02509	0.583252
0	0	0	0	0	0
31.9144	24.6215	17.9889	16.4016	10.2293	14.2525
0.29807	0.358226	0.429029	0.642144	0.357362	0.268441
6.93673	7.55349	6.53324	5.75454	5.8359	3.00083
0	0	0	0	0	0
0.0369678	0.0921385	0.046574	0.0842336	0.0400428	0.0310793
12.9515	14.1534	11.6113	21.9688	10.9369	9.68857
0.0710088	0.153626	0.115519	0.103551	0.158911	0.13452
25.4216	23.5365	29.8819	27.0709	29.7706	21.4604
611.478	598.158	372.697	431.683	311.018	483.519
0.179265	0.0992888	0.276036	0.158848	0.107876	0.251184
31.0061	31.6598	25.6763	26.8446	36.8798	41.7142
0.298972	0.282708	0.212582	0.295671	0.2024	0.157093
0	0	0	0	0	0
1.09724	1.2648	0.814012	0.577518	1.11142	0.727664
0	0	0	0	0	0
20.5889	19.2041	15.9921	18.754	17.562	18.908
1.53133	1.01953	1.2157	0.884261	1.81776	1.11105
0	0	0	0	0	0
0.981761	0.97353	1.43604	0.839243	1.40146	0.771022
0.339624	0.282415	0.679926	0.24829	2.6582	0.921888
5.46703	6.39482	4.40388	5.46387	8.28444	5.63064
0	0	0	0	0	0
39.1869	32.6445	42.8005	41.141	46.85	35.9615
0.127944	0.150647	1.06819	3.84E-06	2.43E-06	4.01E-06
2.89912	2.60152	2.77722	2.71994	2.48756	2.32742
3.4069	3.74194	4.54681	4.63796	4.12811	4.07787
0	0	0	0	0	0



3.59105	4.47515	4.02638	4.01177	2.58057	3.12651
3.81292	7.40518	2.49544	6.65703	3.5937	5.74505
0.130811	0.250979	0.594006	0.461824	0.172653	0.254769
6.75587	9.10005	6.60605	5.19517	7.21889	3.65817
0.118367	0.0737543	0.0745624	0	0	0
6.95889	6.44002	6.90701	5.92887	7.17067	6.18618
2.73343	1.04582	2.35623	1.47512	2.93853	2.77656
0	0	0	0.0821017	0.562022	0.0605854
0.103447	0	0.0868851	0	0	0
0	0	0	0	0	0
11.4059	10.4526	9.63083	12.0269	10.9582	10.3797
6.50469	7.80222	7.36413	9.14806	10.1585	8.44807
0.828363	1.0581	0.808674	0.424615	1.09909	0.905195
0	0	0.0104868	0.0094832	0	0
12.309	11.1672	13.3098	13.612	16.0402	12.9678
9.11817	7.93581	8.28216	7.6906	7.55083	7.38138
159.012	163.674	129.298	117.614	114.867	108.907
0	0	0	0	0	0
0	0	0	0	0	0
0.505124	0.503748	0.262986	0.256053	0.252114	0.276469
13.1532	12.4231	7.66321	6.34922	5.97487	5.76195
0	0	0	0	0	0
46.7334	42.3672	37.0625	33.5532	34.3159	33.2193
37.2395	0	46.9163	0	0	0
0.118929	0.166735	0.187291	0.237114	0.0644107	0.112483
11.5869	11.7584	12.2922	7.37438	14.6028	11.877
16.7333	15.795	14.9581	14.0765	13.614	11.8977
4.64738	4.6549	3.00959	3.46381	1.55253	2.30045
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.53451	2.02839	1.42079	1.3113	3.37499	1.83756
1.02351	0.889878	1.64932	0.759297	1.98524	1.00055
3.85912	3.94487	4.58873	3.52407	4.22726	3.20793
0	0	0	0	0	0
0.93148	1.04103	0.995659	1.05137	1.04349	1.08405
3.75625	3.94676	3.0621	3.44033	4.4277	2.87929
10.7235	13.6874	13.4356	13.9334	9.98225	12.7638
0	0	0.362497	0	0	0.120949
3.53364	4.59248	3.20688	3.50594	2.92178	2.81072
4.98572	7.09495	4.21341	4.76049	4.17972	3.92144
0.150473	0.173257	0.286065	0.47478	0.207564	0.264851
0.443031	0.357244	0.44324	0.638344	0.77628	0.657285

0	0	0	0	0	0
14.071	15.2548	17.3625	21.9826	19.8882	16.4115
0	0	0	0	0	0
7.56193	7.25603	6.92698	6.59993	6.19509	4.78354
6.10279	6.55154	4.52749	4.99471	5.31621	4.96842
0	0	0	0	0	0
2.47361	150.311	6.90799	458.48	34.1172	101.034
0.404316	0.287919	0.43661	0.394826	0.50051	0.679826
14.042	13.4399	13.4392	11.9976	14.3628	12.2274
0.426785	0.965229	0.537687	0.987896	0.642064	0.425249
3.67204	3.19491	3.16962	3.12369	3.80794	4.42575
0	0	0	0	0	0
0	0	0	0	0	0
189.146	193.592	173.059	181.995	135.125	178.395
26.2152	41.2669	37.8802	40.625	23.2119	25.7095
1.18263	1.1096	0.927077	1.00602	1.75355	2.10533
0	0	0	0	0	0
0	0	0	0	0	0
4.71681	4.24614	3.59727	2.7679	5.95429	4.40346
39.6081	41.2813	41.3698	36.5665	38.613	38.2801
21.937	26.0023	22.3533	19.6714	25.2379	25.7619
1.95122	1.78693	2.60914	1.36352	1.95302	1.35613
37.2076	39.1933	38.5042	35.4629	38.2238	30.1048
0.860877	0.880339	0.973381	0.779465	0.765179	0.98348
0	0	0	0	0	0
7.42192	6.90338	8.67296	6.37239	11.0394	6.14927
41.6587	46.6742	40.0811	41.5032	46.9726	33.106
0.666516	0.781751	0.740923	0.357341	0.594552	0.131847
73.2928	65.4031	55.7589	55.3934	59.7035	73.1501
22.1934	25.978	24.1265	23.2539	19.4247	22.4594
23.9411	24.1363	24.2966	21.4087	22.2963	20.8631
7.54047	7.29828	7.84269	7.0444	9.12058	7.90308
6.1375	6.78282	6.12051	6.08435	7.37973	5.2418
26.3067	23.4215	29.735	24.4997	26.7695	23.1684
0	0.148294	0.049973	0.225952	0.214825	0.433516
3.64041	3.94417	4.48733	4.03101	4.47975	3.63147
0	0	0	0	0	0
0.1274	0.194949	0.614887	0.914666	0.32245	0.393385
8.29185	8.83109	9.15796	7.28274	9.65419	6.64861
0.23378	0.119375	0.231955	0.157837	0.248949	0.250459
15.1328	14.5367	16.2185	18.7371	18.7819	20.7179
0	0	0	0	0	0
0.606029	0.408233	0.268259	0.335889	0.549988	0.316713

10.3445	12.0141	13.9965	10.8788	13.625	10.6265
11.4598	13.122	10.7205	10.9916	10.9984	9.31222
13.8706	13.5719	14.7308	11.9661	14.923	12.3127
0	0	0	0	0.170864	0.0663083
19.1884	16.3225	15.47	14.5864	13.5489	12.9661
24.1839	25.5348	11.5809	13.4426	12.5648	15.357
19.6459	17.3418	17.6386	17.0643	14.2577	17.5914
19.9308	16.4985	16.5276	16.4542	18.1469	18.5774
14.9273	14.8932	13.205	10.5576	13.3023	10.6776
0.0567439	0.0157143	0	0	0	0
0.0552131	0	0	0.125807	0.179417	0
8.78587	6.0915	8.44104	8.66538	11.0914	9.1577
38.9141	46.9022	39.9331	52.2294	48.843	67.8743
2.55E-234	0.085936	0.161476	0	0.0670497	0.0520358
1.35585	1.7941	1.99054	0.905894	1.55526	1.46641
32.3431	38.5351	22.2492	27.2119	20.5949	27.1912
0	0	0	0	0	0.0392046
0.478174	0.63483	0.917173	0.816445	0.318946	0.764449
0	0	0	0	0	0
7.81267	8.31224	9.08237	7.67405	8.61848	7.35316
0	0	0	0	0	0
19.8417	19.8463	15.9246	16.3683	20.0274	24.1485
13.5708	13.2265	11.2436	12.571	11.5396	11.8645
0.190428	0.149911	0.681444	0.164116	0.361903	0.32043
10.3097	10.4279	15.0972	12.5649	12.5793	14.3951
0	0	0	0	0	0
13.8366	14.0052	14.1564	12.548	13.6891	10.8972
12.2565	11.6665	14.8336	12.4919	16.3077	15.9699
0	0	0	0	0	0.0790834
71.7088	68.092	55.5187	52.4465	41.9182	49.4942
2.52361	2.93086	3.19602	3.46217	2.91957	3.01027
0	0	0	0	0	0
38.114	37.1924	36.262	39.405	41.5656	43.4032
0	0	0	0	0	0
25.9616	56.2654	38.1024	50.1836	24.9961	20.1826
0	0	0	0	0	0
0.194726	0.364002	0.183995	0.110924	0.141359	0.0818544
32.1736	34.1143	31.4389	32.7552	32.282	33.7799
0	0	0	0	0	0
0.347097	0.38449	0.437291	0.395442	0.501291	0.389078
0.833241	0.991184	0.445353	0.805464	1.0393	0.806654
1.8356	1.31829	1.66389	1.20233	2.08945	1.04288
0	0.145496	0.14709	0.133013	0	0

13.2894	14.3118	14.2895	13.2782	13.8406	12.2122
5.12571	6.93416	4.88623	4.84192	6.43936	5.42449
14.5613	13.592	14.329	13.9694	13.7994	11.6389
47.7312	46.6135	43.8516	44.1246	63.2112	60.736
0.0811213	0.0577676	0.0146001	0.0132029	0.0878689	0.00974281
0.0378171	0	0	0.183976	0	0.14307
8.75926	8.42366	9.85672	8.44708	9.94388	7.92443
0	0	0	0	0	0
0	0	0	0	0	0
0.0214621	0.013373	0.0225326	0.0285266	0.0542437	0.0210507
0	0	0	0	0	0
77.3004	56.2046	66.2962	68.4288	94.2545	75.0686
0.976572	1.02832	1.15344	0.890006	1.72712	0.924071
3.31563	3.68977	3.76185	3.55956	3.89145	3.45743
9.18067	7.97681	10.4392	9.31879	13.086	9.78069
1.26737	1.5794	1.34123	1.27063	1.04332	1.49169
33.6878	27.0641	33.4449	27.3202	36.2247	28.7829
1.83488	1.88804	1.52699	1.59181	1.95104	1.69829
0.0309827	0.0386106	0.0195162	0.0176485	0.0755105	0.0586076
0.488688	0	0.49254	0.334052	0.423469	0
4.79286	5.07928	5.0874	3.86959	4.71121	3.79146
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
18.6805	19.8631	14.9336	12.4632	6.78361	9.24219
5.47329	6.19776	5.43685	5.03649	5.07345	5.61906
20.6493	22.3637	17.3323	14.5562	19.9838	20.3241
10.4747	10.831	11.3059	9.06445	12.0308	8.59451
24.8031	25.2908	23.2983	20.7662	38.57	33.4958
0.334002	44.0374	0.925745	639.569	1.37478	18.9072
1.28574	0.828771	1.39642	1.3638	1.8249	0.29819
0	0	0	0.041795	0	0
0.898917	0.630129	0.920159	0.384045	0.912833	0.75573
0.16486	0	0	0	0	0
15.6819	17.2879	14.3562	17.6732	14.2482	15.1717
6.17049	5.05931	7.97135	5.72995	10.137	5.61991
19.2181	17.0095	23.3876	17.3398	21.0357	13.8459
5.17483	4.96326	6.28059	6.79074	6.80849	5.62609
0.490875	0.308891	0.571044	0.599253	0.268484	0.647938
18.9514	19.0347	18.486	18.0059	17.9618	16.2299
0.752453	0.771017	1.17082	1.17541	1.43224	0.953104
0	0	0	0	0	0
0	0	0	0.0704669	0.0669968	0

0.971566	1.53747	1.08937	0.902574	1.13432	0.865302
0.0379416	0.0472828	0	0	0.0410976	0
0	0	0	0	0	0
9.78946	8.99543	9.65146	7.95498	10.2834	8.6109
10.9222	10.1046	12.0642	9.13055	14.2431	12.328
2.33956	2.00812	1.11964	1.70644	2.22926	2.38059
0.0997428	0	0	0	0	0
2.18912	1.75513	2.23723	1.46502	1.32655	0.682113
2.90125	2.61003	2.94626	2.79269	3.36571	3.10764
22.9816	29.4393	30.0651	27.3249	30.425	32.8422
0.328289	0.701336	0.295425	0.694596	0.507993	0.827988
20.2188	22.576	19.0922	22.2044	19.6648	21.9528
68.6272	68.6532	72.8535	70.8098	53.7913	58.7183
0.155144	0.635261	0.390918	0.227254	0.192056	0.167698
27.6899	26.525	26.9343	23.8711	30.0278	23.6202
1.06E-06	5.47E-07	1.12E-08	2.25E-06	5.48E-07	8.04E-09
0	0	0	0	0.052071	0
2.1733	2.11143	2.24929	2.57131	1.67933	1.99898
0	0	0	0	0	0
0.333949	0.149677	0.235718	0.210649	0.278668	0.156511
0.0333126	0.0415142	0	0	0.252585	0.112025
44.7822	41.249	22.5231	15.1244	15.1465	16.8652
0.824047	1.48334	2.88412	2.24305	8.57886	7.83877
2.34129	2.80268	2.64309	3.63301	2.02701	3.08305
7.67342	8.58612	4.08651	3.74695	9.14763	7.36561
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0991036	0	0	0	0
0.257814	0	0.649616	0	0.279259	0
0	0	0	0	0	0
8.12458	8.09135	9.66223	7.68667	10.9128	8.61114
57.9131	55.5813	53.027	43.3204	54.0958	48.0851
76.749	78.6566	72.3706	77.2474	70.1029	82.2976
16.8417	15.3576	18.0618	17.4386	16.8622	17.2026
2.96465	3.24215	3.69692	3.20525	3.27679	3.45887
23.8583	25.7077	31.5656	29.843	26.5783	31.5754
150.418	160.188	134.819	141.895	110.835	143.002
0.423586	0.351914	0.23718	0.335128	0.356859	0.514386
2.14304	1.65118	2.749	1.26545	4.6423	2.17834
0.0625407	0.156804	0.0337681	0.0305364	0.0483877	0.0150225
16.384	16.1376	16.6666	15.208	20.0287	18.844
0	0	0.103928	0.0313271	0	0.0231173
0	0	0	0	0	0

68.927	77.2585	62.4056	70.8521	57.1552	74.0989
0.716661	10.9103	0.902889	30.8718	1.69941	6.33445
10.112	11.0098	11.6511	9.15214	14.6222	10.1594
0	0	0	0	0	0
6.96097	4.15815	6.523	5.30886	5.04743	4.20776
0.502221	0.312933	0.553634	0.572172	0.849993	0.818057
208.759	186.87	107.679	105.737	73.1787	88.2184
0.448242	0.166442	0.676066	0.25735	0.54839	0.284221
0.779667	0.688231	0.695773	0.925273	1.44272	0.819345
22.5127	21.9699	26.051	15.477	31.3472	20.3384
0	0	0	0	0	0
57.0983	59.4512	56.1187	54.7248	55.0059	62.8137
0	0	0	0	0	0
10.9913	13.9114	10.3856	14.0875	8.74317	8.8074
35.3067	28.8301	30.4016	29.8844	27.5068	28.0221
16.2173	15.6503	19.7088	16.1758	20.4303	18.7603
3.17118	3.35271	2.5529	2.58248	3.22414	3.35902
2.53081	122.865	1.02031	497.861	6.25022	41.2771
19.824	20.0871	19.841	18.4908	23.5746	19.1868
27.2819	31.2946	32.1512	34.0623	26.9061	30.5368
0	0	0	0	0	0
0.0199944	0.0498339	0	0.0455585	0	0
0	0	0	0	0	0
9.17224	10.0262	10.6471	8.29307	5.90741	6.51128
86.5145	91.9789	91.1156	90.057	66.3617	71.3464
7.78263	8.6493	6.42643	6.56644	6.81362	7.68321
0.366712	0.158955	0.582526	0.236141	0.362675	0.120639
12.4255	11.3899	13.3228	12.1339	12.6409	11.3036
104.475	126.011	98.7372	101.784	87.9302	100.199
0	0	0	0	0	0
0	0	0.444301	0.108946	0.103582	0
1.02327	0.881498	1.05156	0.741401	1.33316	0.715842
21.5875	21.1324	21.1453	20.1107	19.183	17.1758
12.2936	11.2604	12.9287	10.0398	20.5851	17.1268
9.78579	9.13963	10.0798	7.19485	11.1274	8.29579
0.248362	0.358379	0.329369	0.223386	0.552201	0.263749
21.3235	23.5071	25.4085	23.2741	15.4654	15.9838
449.198	427.02	434.44	506.456	390.452	547.011
0.145337	0.301864	0.0305172	0	0.472277	0.32583
8.30885	9.32417	12.0004	10.4068	9.42806	8.82693
3.03153	3.40384	3.5924	4.17188	2.27583	3.58324
378.432	468.853	418.739	585.416	263.962	397.378
0	0.426969	0.143883	0.390338	0.123705	0.0960141

0	0	0	0	0	0.0212862
1.24357	2.0357	2.55545	1.74083	3.04799	3.06819
1.26307	1.30462	1.14454	1.09414	1.62115	1.30923
0.972887	0.339475	0.882501	0.31035	0.927354	0.0327167
4.74921	4.51677	5.26839	4.83314	4.89797	5.03001
0.35319	0.146715	0.667451	0.570043	0.637613	0.247442
2.52236	1.78407	1.84656	1.88342	1.18148	0.587457
0.500143	0.354936	0.455756	0.316361	0.304067	0.350868
0	0	0	0	0	0
0.0820153	0.102207	0.206655	0.0934386	0.888373	0.413708
6.7467	6.38564	7.50462	6.49454	8.53359	7.12594
0	0	0	0	0	0
66.2178	70.6278	68.7622	68.4371	62.5691	65.0762
0	0	0	0.0754687	0	0
0.381588	0.365402	0.444972	0.664979	0.485806	0.271107
16.7693	14.7213	17.4062	15.7111	14.7984	16.3219
3.51137	3.42139	4.48319	2.59089	5.20739	3.3582
12.9504	11.7373	12.4839	14.2512	12.0085	9.27919
7.71352	7.69592	10.0587	7.23443	9.04172	7.84754
0	0.117271	0.0592781	0.10721	0	0
69.0116	73.8668	79.9761	71.6153	78.7549	65.7229
0.121709	0.151674	0.0383338	0.138661	0.175777	0.13643
41.515	45.7278	42.242	40.4337	31.5384	32.0837
0.316787	0.098695	0.399106	1.08273	0.514706	0.266327
14.4056	12.7104	13.6948	10.9185	13.7943	19.3594
0.127774	0.245728	0	0	0	0
55.1234	56.4578	66.5892	58.2577	64.5275	67.4282
4.45009	4.31864	4.61239	4.13154	5.22188	4.66088
0.725392	1.62717	0.594028	0.991713	0.550011	0.762308
1.13721	0.983437	1.36067	1.32573	1.39901	1.02647
0	0	0	0	0	0
0.506091	0.487351	0.666583	0.760038	1.66948	1.31511
0	0	0	0	0	0
0	0	0	0	0	0
700.455	854.65	711.129	781.641	675.386	794.564
0	0	0	0	0	0
0.0781229	0.0973567	0.196847	0.178008	0.507727	0.131358
0.153546	0.170088	0.22927	0.470376	0.197118	0.234272
0.0760602	0.0947861	0	0	0.0823868	0
0.473152	0.550332	0.914024	0.718739	0.99085	0.928164
0.414732	0.580873	0.587238	0.589637	0.755841	0.888906
2.04786	1.36504	2.25	1.51922	2.88882	1.74168
6.44241	6.72813	6.21995	5.94485	7.24108	7.35639

0	0	0	0	0	0
0.629471	0.633948	0.70974	0.955716	0.433927	0.427674
15.8684	19.9723	15.9667	20.2744	16.29	21.0408
8.82077	8.27409	10.3707	7.61864	9.69245	6.57242
0.692094	1.14998	0.145323	0.26283	0.499775	0.193951
0.0575862	0.287055	0.217651	0.328035	0.124752	0.193654
61.4775	64.9183	90.0799	85.6775	62.0964	67.464
0	0	0	0	0	0
0	0	0	0	0	0
3.44774	4.87064	3.82681	3.02836	2.98987	4.43198
0	0	0	0	0	0
37.4671	44.4801	32.3444	34.8074	44.7557	49.0808
4.18501	3.08615	4.06122	2.82138	7.31983	6.24389
0.0152316	0.0189816	0.0383793	0	0	0
0.149981	0.15971	0.127172	0.112875	0.0972605	0.0924827
39.0157	21.7218	34.1942	33.8626	31.0766	30.9615
21.402	21.6224	24.1278	20.8769	20.5899	19.0165
0	0	0	0	0	0
4.46E-08	6.14E-07	3.69E-07	0.247315	5.92E-07	9.91E-07
0.984225	1.03916	0.752982	0.488819	1.43966	0.611098
30.7264	18.764	22.9639	20.027	39.7051	34.6741
74.7256	70.0108	67.164	65.4393	65.1449	83.9125
8.31559	11.8433	1.18155	1.13971	2.16716	2.6282
0.980966	0.916859	0.662076	0.399142	0.721025	0.736348
16.122	14.4995	16.5317	14.593	27.4661	26.0552
12.8206	17.1757	12.6737	12.7751	8.51904	8.78864
0	0	0	0	0	0
0	0	0	0	0	0
6.13058	7.27286	5.49857	6.71441	8.16633	9.32071
0.195338	0.152081	0.565688	0.557125	0.276885	0.327906
42.5246	38.0344	32.5301	37.0937	43.1791	48.8422
0.227788	0.405528	0.696952	0.222442	0.740207	0.601871
112.207	99.5942	109.895	101.715	131.246	130.999
1.8698	1.00837	5.34349	5.79015	5.65664	5.77752
18.957	15.4723	26.5349	14.7763	23.9576	12.7677
9.33917	12.7547	9.62	12.1289	7.65063	7.25899
0	0	0	0	0	0
26.9126	28.6656	27.6887	30.6918	24.5069	21.9683
7.60871	7.77154	7.32286	6.69551	8.39127	6.83041
1.35362	1.26516	2.1809	1.66079	6.76715	5.93077
17.2219	9.51209	16.5231	9.94937	20.8357	8.22266
11.3361	12.7744	15.4213	14.0829	12.1485	13.4338
0	0	0	0	0	0



0	0	0	0	0	0
0.234918	8.78E-133	1.48E-98	4.14E-72	3.19E-45	0.184673
29.5238	29.0683	25.5688	32.1361	25.4737	28.3948
0.0998725	0	0	0.142229	0	0.020991
67.9384	65.4227	68.1487	67.3701	74.7823	78.6704
2.2358	1.82804	4.23943	3.86874	2.16441	1.82059
5.43838	6.81297	7.53673	5.89513	6.22145	4.89296
22.3016	23.4944	21.4415	20.7495	25.0447	24.3805
0.0551415	0	0.138941	0.125644	0.119456	0.0309054
0.162534	0.20255	0.204769	0	0.528161	0.273289
0.733948	0.844288	0.497898	0.643211	0.550383	0.379716
8.16559	7.54556	7.99704	8.46039	9.6959	10.5953
5.01085	3.52951	3.56818	3.49972	4.15333	4.39584
0	0	0	0	0	0
5.96558	4.59986	6.34937	5.09265	5.60146	4.5964
8.55952	9.56435	9.52436	9.02023	10.8399	10.8489
9.94571	8.5019	8.7282	7.95978	10.7348	9.14136
0.94625	1.27164	1.12423	0.708828	1.66149	1.39534
3.03442	2.86178	2.49117	2.48228	2.19793	1.39967
3.12254	2.83388	2.26629	2.32008	3.38227	3.70946
5.78614	6.19481	6.66544	6.55563	6.04235	5.17355
0.302034	0.549234	0.424286	0.369978	0.314617	0.195013
0	0	0	0	0	0
0.418474	0.499077	0.303576	0.25918	0.233426	0.392509
0.579109	0.80795	0.476468	0.659768	0.345643	0.3726
682.201	766.256	719.996	706.445	576.322	723.259
56.6662	50.4595	81.4133	65.768	94.6335	93.7273
2.96726	2.70224	3.83417	2.68711	4.12061	2.04686
18.1943	19.2769	12.5342	14.2848	15.7219	14.265
0.106201	0.264696	0.222997	0.403311	0.0766901	0.208331
4.10502	3.65228	4.03133	3.30769	4.12529	3.35652
9.32543	10.1461	10.0941	9.30474	11.1342	11.566
1.44689	1.29824	1.60412	0.659365	2.3822	1.70298
34.8032	32.1967	32.2214	30.6421	39.5731	37.639
2.94113	3.7741	2.64147	2.38867	3.53273	2.57057
0.111996	0	0	0	0.323498	0.188313
5.77748	4.9778	4.62797	4.30686	7.59724	6.30636
0	0	0	0	0	0
0.349648	0.631164	0.368869	0.627154	0.293797	0.353895
8.16509	10.1076	6.63181	7.35027	8.84745	7.23702
0	0	0	0	0	0
0.824171	0.671954	0.782594	0.467579	1.3707	0.497704
0	0	0.0527705	0.0954405	0	0.0352142

73.9609	85.08	67.6679	72.3609	64.55	70.9353
6.9598	7.44724	10.6443	8.10349	13.6844	10.2767
3.21765	3.25436	3.34877	3.98458	4.3945	3.13637
0	0.0363998	0	0.0998308	0.126553	0.0491121
21.5577	19.9106	21.5737	16.587	19.4413	17.9808
1.43463	1.10313	0.999852	0.486857	2.1491	0.923829
9.73786	8.41488	12.4297	10.0432	8.02192	10.5135
1.13198	1.39119	0.888246	1.7369	1.73477	1.15722
27.9069	28.299	28.9987	33.2628	25.9559	26.6206
5.76068	4.96489	4.51058	5.1063	5.99201	4.54887
1.13283	1.07499	1.25699	0.864359	1.5085	0.87375
11.1269	11.685	13.4143	11.1524	15.1561	12.0165
0	0	0	0	0	0
1.30387	1.28637	0.684454	0.24758	0.058847	0.182697
11.8057	11.708	11.4964	10.9153	13.3375	11.6144
128.877	121.22	153.353	154.673	168.607	187.228
27.5193	27.0068	27.9939	23.7664	23.5009	18.6282
0.746778	0.465317	0.721304	0.510475	1.24031	0.627825
0.093826	0	0	0	0.100452	0.0780693
84.0201	78.9951	59.095	59.1454	49.9577	59.5133
0.0171901	0.0102827	0.00866283	0	0	0
4.16259	5.26512	4.65501	4.45818	3.93467	3.35536
8.6695	8.92913	12.0788	9.90607	6.71154	9.56087
0	0	0	0	0	0
39.9084	43.9255	45.4264	41.3863	41.8157	39.3344
2.75179	2.65363	2.72089	2.35426	2.1509	2.37491
29.5359	30.8137	28.591	35.1161	24.8017	27.1662
0.722259	0.383367	0.775135	0.32	0.927214	0.382319
5.61065	5.01656	4.63795	4.72874	6.24679	6.73348
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.52649	4.53428	5.55652	4.72168	3.66245	5.06095
0	0	0	0	0	0
19.6678	19.6035	20.9061	21.8149	19.6869	22.4712
1.4449	0.360127	0.910183	0.987691	0.939053	1.39696
21.5353	21.1633	18.7759	22.0719	18.744	18.0077
13.099	14.5675	16.6494	15.1297	16.9338	10.208
0	0	0	0	0	0
2.18154	2.47985	1.23036	1.10425	3.31697	1.69465
0.235704	0.303863	0.481268	0.388911	0.669088	0.286989
0	0	0	0	0	0
0	0	0	0	0	0

0.761093	1.07494	1.08672	0.751487	0.604561	1.19441
0	0	0	0.0836716	0	0
2.45616	2.89541	4.26526	4.43184	4.78883	4.25263
2.56623	2.35575	2.99359	2.17771	3.1343	2.28176
29.7138	35.96	28.8886	30.1945	36.6953	40.3232
0.0964288	0	0.121486	0.10986	0.208899	0
16.4208	17.3478	15.668	12.4194	12.7513	11.7247
22.5896	19.758	22.7479	24.7806	19.9836	21.1725
0	0	0	0	0	0
0.247879	0.148272	0.337215	0.182996	0.460554	0.117221
1.44419	1.50471	1.07379	0.728268	0.974496	0.975302
0.297983	0.285651	0.14439	0.130572	0.124142	0.211977
7.57592	7.01078	7.87212	6.96808	7.33317	6.51537
11.4756	10.8589	13.4586	10.2402	13.6938	8.52764
13.2696	16.5809	17.2556	15.5231	6.66647	11.9934
2.41976	2.52384	2.61777	2.36725	2.73499	2.60924
0	0	0	0	0.062066	0
0.367417	0.20939	0.492824	0.394775	0.61816	0.420395
0.574542	1.11377	0.670222	0.921241	0.599283	0.787151
0.010842	0.00337783	0	0	0.0088079	0.00683627
6.27384	6.95061	6.54119	6.8668	6.98546	5.89463
78.7665	78.0423	69.7091	88.4448	82.369	100.393
2.6819	2.51623	3.12739	2.32331	2.95495	1.80279
0.475655	0.44457	0.470844	0.329014	0.441617	0.228508
57.1982	37.0593	41.3486	29.1605	52.3683	32.8939
0.69844	1.12947	1.17225	0.729692	1.56193	0.747006
0.157203	0	0	0.119399	0.113519	0.176216
0.0839555	0.104625	0.0528859	0	0.0454695	0
2.31564	1.43466	2.36872	2.2523	3.47825	1.58901
0	0	0.0269282	0	0	0
0.407293	0.284716	0	0	0	0
18.8114	19.9866	20.3684	19.2593	19.5791	18.9169
0.438488	0.156126	0.236756	0.35683	0.23748	0.105326
0	0	0	0	0	0
0	0	0	0	0.0478764	0
0.306254	0.127218	0.22507	0.20353	0.331728	0.278927
0.559169	0.696836	0.90649	0.819067	1.08157	0.705151
0.265281	2.01504	1.28912	0.921082	2.20755	1.06202
2.57375	3.06161	2.21083	2.53238	3.29471	2.16378
1.75365	1.36209	1.89118	1.61558	2.40191	1.6498
3.6373	3.22136	3.27992	3.55497	4.15983	3.97357
11.2003	10.5527	12.219	10.657	14.6117	11.8376
0	0.311529	0	0	0	0

0	0	0	0	0	0
1.43565	1.65148	1.55828	1.61045	1.86608	1.74546
0	0	0	0	0	0
0.476004	0.4271	0.43178	0.542303	0.916618	1.15653
0	0	0	0	0	0
4.89462	7.48729	6.66629	5.99596	5.35232	4.58057
6.01866	6.64407	5.78211	6.4871	6.0726	6.35359
67.439	65.8192	69.0395	67.3988	65.974	71.0773
62.2268	65.1555	69.6676	90.4396	82.208	94.7947
7.41066	7.09163	10.2437	6.97454	9.86955	6.84571
0.534728	0.630371	0.382514	0.387038	0.500967	0.431334
7.26595	7.46894	7.34391	8.2312	8.35944	8.76597
0.532239	0.53062	0.536435	0.242548	0.691812	0.760681
0.183001	0.172583	0.168243	0.163411	0.214296	0.1788
0.176954	0.107381	0.2217	0	0.284763	0.585647
0	0	0	0.0607343	0	0
14.1124	11.3517	11.8305	12.8895	12.9468	10.9569
1.35965	2.62632	2.39815	3.17551	1.25184	1.82892
0	0	0	0	0	0
21.2307	20.6139	22.3905	24.1477	26.3744	23.3386
53.6119	71.602	48.8412	59.3757	46.0404	59.7967
0.0302871	0	0	0	0	0.0127314
5.81336	5.47311	4.651	3.81914	3.67703	3.99551
15.2911	14.107	15.1128	15.844	12.69	11.5117
0.0731843	0	0.0461007	0	0.0396358	0.0615269
6.90794	6.83002	6.85691	5.59362	7.00844	5.00765
0.449439	0.366789	0.388668	0.13039	0.181925	0.22708
8.29633	8.0186	7.94549	8.02733	10.9439	7.53496
15.6257	15.5476	11.3527	11.4131	14.5053	14.7854
2.06736	1.5841	2.44618	1.67099	3.40437	2.70103
0	0	0	0	0	0
0	0	0	0	0	0
183.523	153.634	233.022	230.007	181.631	141.369
0.670957	1.16063	2.18605	2.79665	0.605396	1.55903
0.388796	0.605646	0.36737	0.332211	0.631704	0.367724
6.20436	6.53987	6.4894	8.09199	8.46356	6.56357
587.225	611.494	587.978	730.609	743.735	936.314
35.2658	38.2259	34.3313	32.6025	40.2453	39.4673
13.9168	9.71092	19.5719	13.2741	18.0767	12.5861
0	0	0	0	0	0
2.54397	1.17418	9.85249	2.46892	3.46998	0.950553
2.64126	2.24998	2.4359	1.71608	1.78905	1.57396
6.12373	4.29345	7.04518	2.79195	3.93769	4.80801

0.498478	0	0.314005	0.567908	0.359961	0.349231
0.106347	0.0441767	0.0446607	0.0201933	0.0767956	0.0447038
16.0337	15.3146	18.5058	16.1008	19.5939	16.4135
0.0838041	0	0	0.381908	0	0
0	0	0	0	0	0
13.9359	14.8186	10.9421	10.2336	7.61312	10.2225
0	0	0	0	0	0
2.38437	2.55398	2.00265	2.58716	4.55004	4.58143
3.27692	2.86176	4.84357	4.27417	5.72662	4.59874
0.12901	2.19722	0.162534	13.0811	0.0232902	1.03037
3.66756	3.96421	3.81906	2.77138	5.31034	5.31722
3.31932	3.53677	3.05282	2.02331	4.24737	3.41845
8.60814	8.54432	9.81758	7.74245	9.78219	8.27807
7.15867	7.49438	7.55236	6.9909	8.215	6.24755
17.7626	16.8833	19.9129	21.2656	16.8758	17.0214
54.303	54.9071	50.9332	55.5196	60.2322	60.0206
123.284	42.9324	27.197	20.9667	32.6604	50.0029
17.7264	19.607	17.9868	19.7697	20.6995	19.8573
0	0	0	0	0	0
5.63213	5.07853	4.80811	2.71379	6.86688	4.02886
0.70447	0.673064	1.18337	0.428048	0.483276	0.355354
8.08965	8.93176	10.6868	7.47814	7.40297	7.78605
0.0789906	0.0738285	0.0746375	0	0.192512	0.215827
8.81289	8.03238	9.91079	7.16996	11.8897	8.39983
113.622	109.745	90.5123	102.718	65.1807	86.2895
0	0	0	0	0	0
36.9881	37.1976	33.9424	27.4921	32.1917	30.2273
0.0213108	0.159345	0	0.121395	0.184668	0.107498
51.4755	58.3809	50.2522	56.8132	50.8616	63.0782
1.07898	1.38417	1.05992	0.578475	1.51247	0.907108
0.133566	0.183094	0.168273	0.167386	0.188078	0.0786032
0	0	0	0	0	0
3.05865	4.15042	3.30306	3.38035	3.05545	2.79997
0	0.216431	0.218802	0.593587	0.0940594	0.0730044
6.50291	5.7339	7.70966	5.50407	7.11027	7.3625
15.8967	11.1372	14.0492	12.6145	12.336	10.9044
0	0	0	0	0	0
0	0	0	0	0	0
14.0739	14.619	14.3729	14.4402	14.6696	16.4541
16.5978	19.6981	19.7	19.0458	16.7084	15.7834
0.144907	0.256206	0.0689671	0.0541376	0.0915062	0.10273
16.6689	15.0224	16.5602	14.1946	17.7761	14.3182
74.1679	73.729	59.954	75.2182	48.7591	51.1802

42.9554	46.0467	44.9627	43.009	37.7897	32.8513
4.65995	4.20411	4.52248	4.23279	4.73052	4.98511
6.81128	7.64914	8.26514	6.36669	8.02344	6.21458
14.5897	14.6785	14.5206	17.1983	13.002	15.1018
6.06463	6.6894	2.95868	3.20475	3.5501	1.99605
0.986268	1.27351	0.673674	0.934109	0.888109	0.949047
0.13013	0.182439	0.334722	0.166787	0.140955	0.328207
7.77874	7.38244	7.73455	4.72145	6.77031	5.92092
24.8491	25.3014	14.0918	15.8912	12.3625	12.5456
2.78722	2.43634	3.11208	2.06177	2.94752	2.6542
6.72072	6.74813	7.9244	7.32466	8.34397	7.48132
68.0981	56.5142	49.9022	52.3844	33.3238	47.2047
0	0	0	0	0	0
0	0	0	0	0.0439357	0
3.46511	2.69067	4.3033	3.49028	4.94779	2.65353
6.21339	6.15642	6.76927	6.23748	6.04065	7.02199
0.35187	0	0	0	0	0
4.01426	4.33108	4.07306	3.9288	4.78589	3.21628
0.156407	1.44E-08	0.12475	7.42E-06	4.82E-07	2.87E-06
27.6032	28.1937	27.2753	25.5283	31.5407	35.0825
2.34032	2.38014	3.66016	3.01873	3.86076	2.71384
0.0922596	0	0.116234	0	0.299801	0.0775637
3.72034	3.54188	4.43563	3.17434	5.29235	3.71838
0.110832	0.230198	0.930883	0.631347	0.560239	0.559068
20.0476	19.4752	20.4985	18.0991	23.8369	21.5452
0.726292	0.810303	0.862479	0.780178	1.07859	0.773403
6.88298	7.80019	5.64025	5.77	4.5511	4.68668
2.00099	2.28197	2.76832	1.88675	3.41032	3.23235
12.9523	12.6964	14.129	14.7563	15.7691	18.5027
22.1438	22.8657	24.4107	20.3545	24.8943	30.0404
9.59499	8.85298	6.50908	5.25549	8.29449	6.36023
0.0553192	16.4763	0.487859	175.207	0.119841	4.88329
0.0301093	0.187611	0.0758666	0.034303	0.0652275	0.0759397
0.742522	0.948867	0.959003	0.54624	0.763232	1.2006
0	0	0	0	0	0
0.0672683	26.1269	0.932231	229.693	0.947227	12.536
5.86935	6.2477	7.11723	5.67454	6.94329	6.55183
0	0	0	0	0	0
23.6382	31.3916	25.6195	28.8563	24.5003	28.6931
0.666113	0.579019	0.965969	0.760389	1.03507	0.550902
16.0206	23.8152	14.7052	23.0757	29.7482	38.0009
0	0	0	0	0	0
6.9906	7.61551	9.79867	6.06551	7.67237	7.16148

1.15623	1.69324	0.0853526	0	0.146766	0.0854348
7.78524	7.77015	7.2911	6.27936	7.16416	8.51448
0	0	0	0	0	0
10.4252	9.97931	11.3	8.98231	10.9949	8.02559
9.6452	9.97369	9.84315	8.9915	10.0351	9.5959
0.684753	0.805931	1.34196	1.21353	0.74171	0.351804
1.21347	1.44787	0.780661	1.73546	1.51017	1.04188
3.50156	2.24468	1.64551	2.33295	4.02497	3.31524
31.8726	33.2631	33.6481	35.5879	28.9273	29.112
40.8645	41.1002	30.0513	35.9216	34.3494	36.9793
10.986	7.09893	8.88548	7.06382	8.64681	9.15465
2.92523	1.94605	2.74324	2.73128	4.47885	2.94004
0.319048	0.198799	0.200977	0.666392	0.460782	0.849388
2.17373	1.88401	2.99481	2.16044	2.39712	2.56171
0.850445	0.883187	0	0.161483	0.614123	0.71498
0	0	0	0	0	0
0.141095	0.156295	0.210678	0.0238139	0	0.0263598
13.2849	11.6671	14.5335	9.37604	11.7835	8.44034
5.17137	4.19719	8.08548	6.79805	6.42497	4.41452
0.144995	0.108415	0.091336	0.0660759	0.0942331	0.195038
1.3843	1.23216	1.84359	0.878781	1.84209	1.24692
4.6382	4.37476	4.51436	5.55361	5.77268	4.17464
3.52553	4.18757	7.98111	5.83659	4.49006	4.45752
0	0	0	0	0	0
34.7645	33.6122	32.9688	34.9344	26.4316	26.6395
64.3534	57.2622	67.3372	63.072	83.6	77.52
92.8025	86.6003	81.7127	71.8819	61.6778	64.8107
0	0	0	0.18209	0	0
0	0.00651062	0.0105311	0.00529071	0	0
53.4308	50.7736	48.445	45.7284	43.0086	43.2248
11.2778	11.3244	11.9572	10.0949	12.2017	9.51308
0	0	0	0	0	0
15.774	15.176	15.6415	15.9215	16.7927	19.4532
15.1728	19.2174	15.3095	26.5585	18.4129	22.2329
0.114512	0.0356763	0.144269	0.489233	0.217066	0.192544
0.0324721	0	0.0204551	0	0	0
0.709131	1.32558	0.744502	0.942551	1.40821	1.49044
2.72835	2.92655	3.25152	2.32033	3.71769	2.53044
0.0524009	0.146929	0	0	0.113519	0
0	0.141074	0	0	0	0
0.0813207	0.101342	0	0.741179	0.17617	0.341837
0.249066	0.102607	0.16208	0.140706	0.178369	0.173052
0	0	0	0	0	0

1.05599	0.5028	0.89122	0.740062	2.09179	0.872229
7.59166	7.06551	0	0	0	0
0.0902365	0.674716	0.45474	0.102805	0	0
0	0	0	0	0	0
1.69119	1.06951	1.46283	1.03526	1.55845	1.9311
0.121967	0.0379987	0	0.176467	0	0.0447382
35.5662	34.9811	32.3504	41.0651	38.3519	40.4266
2.66443	2.44745	2.97857	1.88888	3.36706	2.2295
551.965	568.06	492.385	531.443	350.789	503.625
0.590613	0.270846	0.342206	0.247557	0.291477	0.306443
19.4897	20.7014	24.3043	26.6723	26.5523	26.9627
0.0341617	0.0565839	0.128709	0.0129323	0.154138	0.0192369
7.89714	7.41671	10.2537	6.92529	12.163	11.5144
0.541612	0.202487	0.409411	0.24682	0.439997	0.546408
0	0	0	0	0	0
0	0	0	0	0	0
0.688382	0.171572	0.693808	1.25482	1.0439	0.694477
41.0721	42.2589	44.0994	40.0873	46.7377	38.0807
9.39272	10.034	10.8476	8.5221	9.55066	7.14602
0.12791	0.0980928	0.247919	0.235402	0.245125	0.157167
0.0272342	0.0339393	0	0	0	0
1.31077	1.33649	0.650544	0.859802	0.516292	0.300541
0.112785	0	0	0.0856627	0.162889	0
34.4998	37.4446	42.5069	39.4288	31.9974	32.5348
0.203412	0.126746	0.128135	0.231744	0.110166	0.342022
7.34364	8.98284	9.95425	8.86961	11.3822	10.5662
49.1198	51.2141	45.6116	46.8811	40.1788	47.069
49.7897	37.9306	49.7245	52.1144	65.3018	83.9148
6.97493	7.95034	8.35194	5.80714	10.4201	7.11788
71.7457	70.8198	75.989	65.8419	91.4636	80.7732
48.9484	56.5865	72.17	65.3789	23.1239	32.4768
0	0.0499901	0.101076	0	0.065176	0.0337243
40.2856	42.4268	48.4276	44.2514	47.1233	41.3558
10.8189	13.7761	8.981	15.6117	8.3314	14.3376
0	0	0	0	0	0
0.604629	0.696977	0.666527	0.671623	0.638549	0.648107
244.302	272.027	238.906	279.974	263.148	254.275
7.12178	6.4936	7.81188	6.71967	7.31208	6.39192
0.239312	0.0994102	0.100499	0.181763	0.259218	0.100596
0	0	0.0987225	0	0.0424391	0.0329392
301.23	353.129	307.489	347.441	277.701	298.885
123.108	127.411	126.839	114.689	121.949	120.564
0.153025	0.108971	0.358037	0.149433	0.165753	0.2573



0.27228	0.34923	0.292722	0.500905	0	0.176698
21.8837	20.8179	24.4461	21.8537	22.1872	20.7676
1.22217	2.2257	2.31341	1.94029	2.00929	2.43968
0.0640151	0.0709116	0.0716887	0.0648279	0.0154089	0.0119596
0.081926	0.051048	0.361252	0.326679	0.133111	0.103314
10.1602	10.5634	11.863	9.12366	12.8334	8.96461
0.351594	0.472657	0.281339	0.297705	0.580135	0.350004
0	0	0	0	0.129409	0
7.17434	5.83586	6.7717	5.96594	4.9725	5.72125
0.804766	0.790162	0.983164	0.750155	1.63775	1.08662
7.05765	7.01539	5.82217	7.70566	6.41619	6.63977
3.96133	3.26546	2.97329	3.09715	3.17853	3.54275
0	0	0	0	0	0
0	0	0	0	0	0
0.0872435	0.16988	0.287676	0.132743	0.126001	0.174932
6.84937	6.58682	6.91864	5.44164	8.45646	7.56229
0.44086	1.23615	0.485992	0.125566	1.19383	0.370636
0	0	0	0	0	0
0.164808	0.205383	0.726718	0.344231	0.208269	0.184741
0.0326704	0.0407138	0.0205799	0.0372208	0.0176939	0
222.681	221.621	211.238	228.449	171.228	197.019
2.53081	2.36542	2.51888	3.11398	1.53514	1.59576
0.119326	0.0991357	0	0.135946	0.0861674	0.100319
0	0.0334024	0	0	0	0
30.5359	34.9368	38.3946	42.8133	40.719	47.8897
18.6284	28.0337	32.8189	30.5614	50.3087	45.4594
6.4006	6.03638	6.44682	6.24936	7.67319	6.35363
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0402985	0	0.0953574	0.104837	0.0995343	0
2.22215	2.24556	2.27016	2.12129	2.66711	2.92819
1.61252	1.61293	2.51179	1.43118	2.59898	1.6204
92.0263	95.8162	87.0441	85.8509	67.4318	77.4777
5.51004	9.30886	14.0268	10.8724	16.3669	20.7342
27.4529	18.231	26.8337	20.6132	28.5789	33.7991
2.14395	1.51613	2.62809	1.71607	2.57285	1.94853
0	0	0	0	0	0
0.530901	0.937279	0.473774	0.806462	0.81467	0.725294
32.7894	36.9785	34.238	29.3441	28.3045	27.5827
0.993731	0.92098	0.898986	0.754924	0.607092	0.700134
0.960324	1.04601	0.907561	0.659931	0.887307	0.427677
0.0805641	0.0660976	9.07E-14	0.0604268	0.230931	0.0668862

175.424	172.451	193.357	180.653	227.73	240.098
0.330293	0.627373	0.675962	1.01242	0.58453	1.15153
1.02374	1.05302	0	0.0555393	0.616051	0.355196
2.10995	1.34833	2.38435	1.70024	3.50022	2.24392
4.04167	3.81494	5.01629	4.33106	4.20447	4.55854
4.02779	4.81029	4.35555	8.48927	6.36245	4.82535
86.2405	86.6199	82.3516	97.3597	86.9277	95.9812
0.291715	0.382668	1.35401	1.20694	1.56327	1.26496
0	0	0	0	0	0
0	0	0	0	0	0
2.46068	2.31933	1.52644	2.09188	2.62476	2.13173
0.0930808	0.131571	0.310417	0.236709	0.252934	0.228814
2.0863	1.27141	0.987047	0.346587	1.00535	0.684469
13.0777	13.2746	12.3333	11.842	9.71026	9.44789
73.383	66.5844	60.934	59.0238	29.9121	47.375
90.7416	100.457	87.6004	100.419	75.7105	102.881
30.5147	16.6596	54.9812	27.8671	49.8417	28.9932
0.0712621	0	0	0	0.0771897	0
32.5298	30.0231	31.9808	27.4296	36.0809	28.8679
334.899	289.259	297.765	278.593	330.82	287.429
0.215613	0.223914	0.271641	0.0614112	0.369784	0.302115
0	0	0	0.025635	0.0487453	0.0567506
36.92	37.3665	47.6162	43.0326	39.3751	39.2729
0	0	0	0	0	0
0.676372	0.983376	0.781119	0.577934	0.468071	0.41068
0	0	0.187329	0.0847008	0.161059	0.0625033
11.9093	10.4229	9.96447	11.7555	8.27169	10.0887
3.86141	4.17591	4.22167	2.99745	4.59377	3.97263
0	0.169147	0	0	0.29404	0
9.83654	9.56212	11.0132	9.56337	12.1095	10.4175
0	0	0	0	0.0600937	0
0	0.139016	0	0.762537	0.120831	0.0937833
0.0881868	0.0143097	0.073345	0.039246	0.112106	0.00579217
0	0.04801	0.0970722	0.043891	0.208648	0.0971657
13.528	18.0627	18.7476	17.5589	14.2869	12.2667
1.98571	2.33685	2.49212	2.68419	2.40906	1.8149
10.8227	8.42953	9.15609	8.011	8.02544	6.87699
2.34648	2.94238	2.39331	2.30378	2.99594	3.58207
1.12666	1.07914	2.33444	0.944126	1.31115	0.454029
0.418785	0.197637	0.639374	0.13551	0.389738	0.0249987
16.2644	17.7173	20.6182	22.3483	21.8535	27.7628
4.42116	3.51679	12.2066	8.14485	0.203783	0.711751
0.00744946	0.0092835	0	0	0	0.0250514

7.29735	7.65641	6.66615	6.59957	7.00797	4.99652
3.06633	3.26612	3.10384	2.32917	3.63361	3.39303
13.8098	14.2195	14.1428	13.6113	15.2675	13.8108
0	0.166672	0.0919084	0.318598	0.158039	0.153328
0.173408	0.0918657	0.252738	0.142224	0.269377	0.273789
0	0	0	0	0	0
28.1113	26.5049	26.6913	29.6809	28.3272	27.9755
0.69798	1.21811	0.455469	0.900347	1.01845	0.659638
108.323	105.168	115.702	130.928	100.339	90.7897
16.9874	17.6801	18.2878	19.7118	14.8567	15.3984
0	0	0	0	0	0
0	0	0	0	0	0
2.30405	1.69088	4.9992	4.1416	1.58061	1.95856
0	0	0	0	0	0
0.271377	0.135276	0.263748	0.282675	0.361139	0.254224
0	0	0	0	0	0
3.68979	3.93646	4.85442	3.86245	4.98481	3.80028
13.2019	14.7831	17.9582	16.0761	17.3051	19.383
6.12214	6.40062	6.57601	6.49147	6.58338	6.04426
1.54777	1.54306	2.14496	1.67518	1.42503	0.97592
1.62747	3.22549	3.60669	2.59134	7.40182	5.39051
4.62999	5.19153	4.85617	5.49516	4.13016	3.72472
35.4606	34.3165	29.0553	35.1369	29.5787	30.9332
10.4596	9.8482	12.8532	9.11082	13.1977	9.88996
0.0358762	0	0.008474	0.0408732	0.0455398	0.00565478
0.19441	0.141326	0.12055	0.174422	0.20087	0.0767344
2.39349	2.2831	2.79208	3.34966	3.45677	3.03077
100.515	100.095	87.554	90.2604	65.8009	91.7017
5.52027	5.5597	5.06811	7.13472	5.88551	7.8361
7.05188	6.96249	8.60252	8.38309	10.8073	8.20533
3.5129	2.89045	4.34063	3.71998	3.56119	3.67274
0.249832	0.5189	0.524586	0.664135	0.691566	0.910159
0	0	0	0	0	0
66.0016	56.7951	70.5842	63.9982	81.3004	80.699
156.368	0	197	178.147	169.374	525.841
0	0	0	0	0	0
4.30386	5.63983	4.58406	4.42608	4.13695	3.77022
0	0	0	0	0	0
0.384618	0.304324	0.35161	0.357705	1.05806	0.469265
0	0	0	0	0	0
81.6844	76.8247	81.4485	86.0964	64.1605	69.5946
151.519	153.017	189.287	179.498	173.255	174.117
0	0.240553	0.243189	0.439831	0.836343	0.486847

3.36498	4.08591	6.19603	7.76563	5.93461	7.2538
1207.3	1599.22	1094.63	1361.69	1012.2	1353.26
42.3651	45.2259	37.1044	40.6189	43.2352	44.2207
0	0	0	0	0	0
15.149	16.3361	16.0636	14.6807	17.9822	16.0642
4.63193	4.18642	4.34956	4.13479	4.75234	3.65638
0.223104	0	0.281079	0.12709	0	0.187567
3.13725	2.7867	3.09054	2.62363	2.68725	2.94154
0	0	0	0	0	0
0	0	0	0	0.0716918	0.0556437
7.11552	6.28855	7.89132	5.58077	8.69244	6.34481
0	0	0	0	0	0
14.708	14.2477	12.2002	13.2658	14.1132	16.0642
0	0	0	0	0	0
26.8958	28.0869	28.6133	30.2338	29.4906	29.2055
35.219	38.1752	31.8629	34.9518	23.392	35.4413
32.4027	33.8081	29.8354	27.1129	25.9401	27.82
9.5452	8.41199	9.96554	6.92604	11.5805	8.47124
35.1704	36.3553	33.043	28.6623	27.4825	24.36
5.58637	5.34386	5.45198	4.57165	6.30672	5.82105
11.984	11.3254	12.3727	10.2606	13.6128	10.3469
13.4333	15.7929	12.693	14.1493	12.2514	11.8795
4.17714	4.27696	5.02735	4.43631	7.05526	7.16753
8.62252	9.67349	11.1187	9.69248	9.27757	8.21276
2.47068	3.7616	2.46039	3.53517	1.73583	1.83035
0.0892212	0.166781	0	0.203296	0	0.0375047
1.07308	1.5727	1.84448	5.17812	0.963895	0.677462
4.46657	5.24511	4.16632	3.66973	3.16337	4.2606
0.190467	0.341205	0.0524914	0.128841	0.0193416	0.030024
1.23394	0.723642	0.960188	0.578863	1.37589	0.518696
0.101237	0.100929	0.229578	0.276809	0.394767	0.357466
9.56504	9.26923	10.3531	8.73486	10.5576	9.29077
0.279093	0.335812	0.218245	0.186394	0.208488	0.307455
0	0	0	0	0	0
0	0.0311287	0	0.0284581	0	0
0.0771164	0.115323	0.0777243	0.0702859	0.133649	0.0388996
3.81775	3.05677	2.8254	3.46262	1.60897	2.46963
0.215841	0.0768516	0.155388	0.210775	0.133597	0.18146
461.792	506.871	475.072	525.803	377.028	440.917
1.68046	1.32095	1.98685	1.85561	3.33244	2.43434
23.7699	23.2109	20.7646	15.4126	18.9878	21.8258
0	0	0	0	0	0
0	0.118447	0	0	0.0343176	0

0	0	0	0	0	0
6.69206	6.05933	7.85832	5.33625	8.65731	5.77123
3.7316	5.30416	6.45477	6.74289	5.60399	6.02646
2.17033	3.45946	2.35277	2.93265	2.40553	2.20652
0.675047	0.757119	0.425231	0.845977	0.511838	0.454016
9.78241	12.1908	9.91965	11.1449	8.27013	11.0325
0.0645549	0	0	0	0	0.054272
1.3498	1.1114	1.85238	1.79868	2.37587	1.21585
0	0	0.0981573	0.0887634	0	0
29.0154	31.7114	33.1368	31.8048	43.9565	48.9508
0	0	0	0	0	0
0	0	0	0	0	0
2.85885	2.24547	2.82419	2.00433	3.18886	2.21263
0	0	0	0	0	0
0	0	0	0.0210954	0.0200566	0
24.0719	30.3473	20.6611	26.1552	22.1127	33.0262
79.1225	88.3811	85.1937	124.727	87.9249	134.575
0	0	0	0	0	0
61.6999	62.9396	57.9678	56.022	77.4718	84.3803
4.77274	3.27735	3.48506	2.21939	2.74312	1.67051
5.29939	4.92474	5.24957	4.02316	7.47284	5.03541
1.9733	3.13654	4.71376	2.86522	0.997736	0.864788
12.6582	8.17461	12.3845	9.85964	14.0817	10.3967
84.4237	85.3142	49.3647	57.2899	42.8011	65.0471
1.34294	1.16709	1.33571	3.44246	2.33508	1.26272
0	0	0	0	0	0
0.909401	1.32218	0.381904	0.863388	0.985045	0.668976
36.1476	30.2974	25.4072	20.8022	21.3939	23.7703
5.44908	6.20524	6.03651	6.52915	6.46214	6.63471
0.102066	34.9786	0.642943	308.032	2.32168	22.5676
2.13978	1.47513	3.44145	3.1121	3.25473	2.18169
0	0.129723	0	0	0	0
13.1383	14.3207	12.3346	13.4902	11.3577	12.308
2.20213	1.99931	2.10048	2.54468	1.90814	1.50745
1.88395	1.87518	1.78784	1.64461	2.70321	2.08782
13.2928	13.7705	10.6969	13.6368	12.6086	15.8662
1.93029	1.35657	2.19672	1.51574	2.84518	1.59298
64.1837	59.7771	60.4032	64.0696	64.9029	68.9209
0.3283	0.136376	0.68935	0.249351	0.237072	0.46001
13.4519	15.616	9.86553	12.86	14.6986	15.7146
0	0.0453133	0	0	0.0393857	0.0305693
51.0757	54.5912	56.1204	54.7829	56.9995	63.1962
0	0	0.206491	0	0.266301	0

0.0986269	0.0921813	0.0232977	0.021068	0.163585	0.157413
0.525484	0.467755	0.283728	0.17105	0.569193	0.252446
5.01066	4.52227	4.70281	4.13429	7.60796	4.40615
50.9449	57.2529	52.4325	55.9361	50.8914	68.8242
10.4443	11.0242	9.92267	8.64793	8.22207	9.78828
1.533	1.97487	2.74056	2.14566	2.1697	2.26202
22.4822	26.4101	22.0466	26.564	18.524	20.0185
14.6019	13.2487	16.6809	15.7683	20.1324	13.5087
4.73857	4.54246	6.65874	5.96957	6.07043	6.20549
0.0990869	8.03E-11	0.165768	3.71E-11	0.0365622	0.0528173
7.07927	4.94812	12.0284	4.80323	9.64343	3.05303
3.94525	3.80481	2.01987	3.35573	3.86634	3.00086
0.578099	0.576341	0.466125	0.474205	0.743073	0.453614
0.0296133	0	0	0	0	0
10.9123	10.2964	10.3758	10.8659	11.7624	10.9274
21.7636	19.8107	17.7999	23.0811	22.0287	19.7472
65.6086	64.3098	68.6727	70.8106	60.4757	79.2812
33.4064	34.1264	34.1927	32.1369	34.2432	35.3001
2.34708	2.60636	1.08324	0.979574	3.03313	2.21743
0	0	0	0	0	0.066037
0.201223	0.261427	0.19029	0.234274	0.251091	0.169171
0	0	0	0	0	0
1.07276	1.092	0.842155	1.11201	0.678265	0.808406
42.5931	44.2804	40.8912	47.6236	45.3362	55.6306
7.88661	7.37122	8.0549	6.03004	8.8329	6.16367
14.0447	13.7655	12.0153	9.82204	12.6862	11.6598
2.86565	3.17751	4.00866	4.3462	5.15545	5.60531
40.7417	37.3241	39.5653	38.8764	41.0942	38.4162
0	0	0	0	0	0
1.4287	1.50652	1.4538	1.69029	2.26178	2.40224
44.6063	42.5406	38.0374	38.4613	35.6563	40.3295
1.45203	2.13707	1.49363	2.80184	2.42585	2.03212
7.72894	8.37547	7.62053	6.47009	7.06146	7.00634
46.5557	48.4316	50.2329	48.5704	47.3268	45.8294
0.792222	0.628729	0.720685	0.656534	0.709577	0.365282
3.62407	3.83686	6.88834	5.95596	4.26516	5.03613
0.944627	0.599298	1.23337	0.763122	3.5719	0.837477
0.443033	0.325025	0.288294	0.340659	0.70872	0.550075
0	0	0	0	0.299689	0
0.369344	0.154913	0.49359	0.070811	0.134648	0.322655
4.95961	4.01341	2.35329	3.00865	5.9305	4.33206
10.3617	9.77511	5.97233	5.03531	6.97871	7.41616
10.2766	11.0438	7.01535	14.3554	7.98407	9.64615

1.66509	1.43656	2.33982	1.51396	2.28917	1.4537
18.5156	17.3746	19.5098	20.6482	23.9497	28.0518
1.52984	1.13193	1.70265	1.08811	3.03487	1.79959
4.57633	7.22218	7.67241	10.1448	7.69434	12.224
4.62958	4.74215	5.00671	4.99806	5.28066	5.40997
0.744809	0.771913	1.29261	1.54554	0.876732	1.37477
31.6027	36.6623	37.355	40.1291	31.3303	33.6558
10.9288	8.81187	11.8782	9.84194	10.6162	7.96817
79.6128	105.578	119.522	66.0094	12.7377	35.2517
0	0	0	0	0	0
0	0	0	0	0	0
0.586229	0.498068	0.326949	0.595835	0.45883	0.263034
9.90614	9.72679	8.33848	8.58224	11.131	8.85902
9.68122	10.0745	10.0799	9.57452	9.43053	8.52011
0.46955	0.304279	0.82819	0.363766	0.996869	0.331595
16.5415	16.1954	17.4811	15.3173	17.614	13.8585
1.16203	1.24865	2.25043	1.76882	2.26078	1.05767
355.633	378.749	195.909	238.618	284.492	439.885
0.264199	0.329245	0	0.128999	0.286175	0.0317308
17.4539	15.7274	21.5304	16.3184	24.431	19.8214
37.261	39.3777	34.42	32.3966	30.1861	34.211
34.0819	30.2152	15.7998	14.736	10.6542	12.1559
3.40567	3.98147	3.53595	3.03325	3.50871	2.73262
2.17434	1.46035	2.05665	1.89841	2.45792	1.86217
89.3767	78.7128	70.4331	82.2594	79.0274	69.2427
2.38847	3.54891	2.00608	3.27932	3.64853	4.01603
3.33084	3.06376	2.1981	2.71055	1.37444	2.26689
15.0944	16.988	16.6082	14.5971	12.5094	13.3344
33.0647	29.4357	43.2903	32.7838	36.0176	44.527
78.8885	75.8289	58.9887	61.9017	42.8467	49.4591
12.1161	9.46168	11.8278	7.58811	11.548	7.14749
10.6775	13.2546	9.9477	12.5541	11.7736	14.014
0	0	0	0	0	0
0	0	0	0	0	0
1.2926	2.17071	1.4333	1.54626	1.84676	1.57323
1.77086	2.17325	3.24307	3.29411	2.77501	1.9526
2.27313	3.48648	0.146862	0.132807	0.757601	0.0490011
0.551346	0.294466	0.496154	0.358937	0.767837	0.198653
1.11892	1.57515	1.51409	0.755414	0.785547	0.958106
0.0344631	0.0429479	0.0651277	0.0196316	0	0.0289735
0.873996	0.658894	0.880752	0.800076	1.74791	0.663546
4.24683	3.66788	4.49085	3.74283	3.96594	3.03601
48.4429	48.1175	48.1827	41.4543	48.2753	46.1872

0	0	0	0	0	0
0	0	0	0	0	0.0161784
12.31	14.1612	8.4112	9.83541	5.85128	6.2439
22.5055	22.329	23.1377	21.2302	19.7165	19.7202
0.441071	0.371429	0.403888	0.204166	0.498819	0.381241
1.24223	1.1111	1.35351	1.75338	1.2579	0.97632
1.52816	1.87794	2.03222	1.74101	2.00012	0.945714
0.876442	0.697808	1.22688	1.10946	0.896603	0.573094
0	0	0	0	0	0
2.7367	1.87768	1.40016	2.61756	2.35192	2.31133
0.201188	0.260364	0.214473	0.255658	0.184396	0.14312
0.188012	0.2343	0.355301	0.401623	0.661864	0.414918
34.9869	34.6287	33.9181	31.7279	32.1799	30.5007
0.977856	1.03254	0.711564	0.630759	0.96064	0.778197
0.272197	0	0.296809	0.310109	0.0655197	0.271217
0	0.0894411	0	0.122651	0.077741	0.0301694
0	0	0	0	0	0
6.41251	6.58346	6.92083	6.26868	5.92668	5.72169
8.69019	9.68111	8.00392	10.4069	6.34667	8.81418
4.75196	4.54927	5.03524	4.10519	8.86278	6.70689
24.151	21.9804	23.9787	27.3497	23.6179	23.2866
16.2385	15.5523	14.7622	14.218	15.2565	14.5234
12.6571	12.5696	13.1759	14.283	13.5322	11.1376
9.72591	10.0616	10.9362	9.17709	10.3934	7.80788
77.6458	79.1709	113.682	123.79	116.053	144.76
0	0	0	0	0	0
0	0	0	0	0	0
7.28767	7.02475	7.54188	7.03971	9.1804	6.95095
40.0143	39.3704	38.1011	38.0356	35.617	35.7918
0	0	0	0	0	0
1.60071	1.50333	1.98743	1.42721	1.40719	1.32623
0	0	0	0	0	0
0.779798	0.149505	0.529002	0.546714	0.649739	0.958163
18.0419	18.9066	19.5652	19.7823	28.0944	26.9853
6.45066	5.69528	7.16947	5.66182	8.40158	6.28342
16.6969	17.7433	19.4975	15.7508	16.577	14.2686
1.28799	0.94562	1.13337	1.3901	1.21856	1.63447
10.5247	8.6047	10.3279	7.71724	11.143	7.72262
10.4516	11.3435	11.3039	11.4629	10.5815	8.55445
0.119551	0.273139	0.401646	0.317806	0.431652	0.217768
11.1671	11.918	13.0448	11.1223	10.6774	9.37983
12.1028	12.1971	9.75939	9.97167	8.71427	7.42519
0.895235	0.442892	1.05279	0.694388	1.5236	1.32453



5.4343	7.35377	7.66193	8.2235	5.976	6.10634
1.12289	1.16116	1.35448	1.1432	1.94089	1.10471
0	0	0	0	0	0
0	0.15569	0	0	0.0451079	0.0700212
2.8032	3.26319	3.47721	4.51227	2.87464	1.58238
0	0	0	0	0.269186	0.0668574
2.90601	2.76081	4.03404	2.9429	5.89714	3.87581
5.34751	6.04196	6.77375	4.30065	5.93198	5.81788
52.0342	57.2811	47.4593	62.6074	41.5068	52.7248
69.4011	64.1693	79.2889	69.326	90.3843	80.4125
0	0	0	0	0	0
0	0	0	0	0	0
1.50569	1.55976	1.29172	1.51187	1.89358	1.73916
0.98941	0.408164	0.562667	0.746427	1.24555	0.823275
0	0	0.210905	0	0.120886	0
0	0	0	0.053474	0	0
17.5994	17.6582	17.7059	16.5319	17.3608	17.6384
23.5719	23.3013	21.8664	21.457	24.5577	24.3004
38.1885	35.4896	38.8558	34.2114	29.9983	31.1675
22.0711	21.63	22.0097	23.2231	23.1441	23.8154
3039.31	3632.8	3088.35	3469.66	2912.49	3580.56
0.919437	0.805158	0.813981	0.934256	1.23817	1.23259
0.11911	0.305533	0.16225	0.344741	0.30943	0.406467
0.46264	0.892709	0.413642	0.306045	0.614279	0.401494
0	0	0.199553	0	0	0
0	0	0	0	0	0
0.104422	0	0	0	0	0
0	0	0	0	0	0
3.60796	4.21286	4.45001	4.42136	3.76028	2.84208
14.3057	14.1184	15.1656	13.4748	16.4443	14.6081
37.4272	43.4915	35.7406	39.6001	35.2922	38.3725
0	0	0	0	0	0
11.5866	11.2181	11.7902	10.3234	12.6147	10.5153
86.1693	85.596	83.1596	92.9752	71.5435	83.3567
0	0.0630014	0.0318459	2.10E-08	0.0547599	0.0359783
8.5664	8.74953	8.57936	8.76697	9.73059	9.62458
85.8953	89.0313	81.4595	86.7802	59.7923	78.0207
1.70417	3.17431	1.6902	3.86758	2.4596	2.3396
8.16715	8.07771	6.14095	7.42972	9.83337	9.47056
11.2498	12.5539	15.8177	11.9378	17.0737	14.2646
0	0	0	0	0	0
0	0	0.278384	0.251742	0	0.185768
0	0	0	0.0313536	0	0

0	0	0	0	0	0
3.57182	2.57701	35.2893	29.9844	3.25804	1.73851
0	0	0	0	0	0
1.13843	1.26108	0.478085	1.00877	1.23312	1.16978
0.640904	0	0	0.292068	0.277686	0.215526
0.0716373	0	0.0451263	0	0.116394	0
0.139559	0.173918	0.058608	0.0529991	0.302335	0.117329
0	0	0	0	0	0
0.320483	0.254154	0.367056	0.564277	0.441815	0.538868
5.20521	5.10377	5.32613	4.696	5.8099	4.30944
20.2191	21.2932	20.4423	22.9922	19.5795	20.9952
0.24265	0.151195	0.305703	0.0691116	0.229979	0.280498
20.1973	19.7946	21.9321	22.1212	19.9392	21.6309
9.38686	10.0143	10.5642	10.3493	11.631	12.0039
195.388	229.286	198.888	207.383	147.717	178.69
1.07304	1.22466	2.08953	0.92326	1.55755	1.09022
103.753	114.185	107.376	118.332	106.587	118.26
0.547413	0.294397	0.470657	0.714953	0.803957	0.899035
0.785523	1.20482	1.1419	0.619569	1.63627	1.0668
1.71783	1.93131	1.4821	1.16663	1.9188	1.53418
3.06221	2.44403	3.20772	2.54794	3.61517	2.8637
110.407	101.908	108.006	95.4882	90.8762	94.0449
3.26577	3.09979	1.63325	1.59823	1.71781	2.09184
7.69633	7.21618	9.85056	8.70231	9.56223	9.14052
18.6493	21.2517	17.992	16.2063	18.866	22.7176
30.084	29.1834	27.37	29.9387	21.4644	27.299
13.5562	10.9831	13.4373	10.7	17.7808	14.9368
42.1955	42.5167	41.4446	39.3668	40.6156	37.8546
0.626483	0.436051	0.615551	0.979053	1.20584	0.818787
12.0598	12.2449	13.3118	11.1434	12.7524	10.3183
0.621648	0.393659	0.397973	0.266306	0.673357	0.425703
85.5388	111.041	86.0513	107.349	70.0612	95.8807
0.0262658	0.0327324	0.0661821	0	0	0
8.62586	6.0044	11.0342	7.52889	6.76548	5.64176
0.013557	0	0.00683196	0.0203878	0.0528649	0.0992956
0	0	0	0	0	0
35.2383	35.0926	25.8257	29.6122	26.6266	32.2026
24.7602	24.0344	28.4996	27.9198	29.3525	30.5995
1.10176	1.32566	1.1966	0.649249	1.02879	1.05402
0.131918	0.0410991	0.420688	0.300584	0.142891	0.166358
15.6753	13.4112	14.8165	12.1256	16.8196	15.5213
0	0	0	0	0	0
0.269007	0.335236	0.637947	0.366254	0.462512	0.470243

0.0400026	0	0.0755962	0.0227871	0.021665	0.0168153
23.3986	22.9968	22.0192	17.9266	31.9014	28.7355
0.0795248	0	0	0	0	0
0.0904223	0	0.037973	0	0	0.0253397
36.1871	34.3112	35.8252	33.2089	29.9561	24.7458
0	0.257377	0.260232	0.235309	0.223617	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.152835	0	0
0	0	0	0	0	0
1.87556	1.63738	3.0482	1.23706	2.5567	1.97915
0	0.0836686	0.0211463	0.191226	0	0
6.49944	6.59036	8.29006	7.68065	8.89117	7.45147
16.5198	16.2885	15.7841	16.4535	15.8541	20.375
1.51257	1.00597	2.57772	1.06338	1.31755	0.399805
3.76E-07	4.71E-07	5.14E-52	4.02E-07	3.64E-07	3.57E-07
72.2184	74.22	63.202	64.2345	35.8262	42.7481
9.00179	9.41568	4.80655	3.43747	9.18335	5.93274
2.21794	2.40783	3.78808	2.04496	17.9062	13.7442
0.00991882	0	0.0340176	0	0.0537193	0.0583721
17.9623	19.7443	15.1899	17.6098	16.5916	19.8665
16.1732	18.9617	14.4775	14.789	12.9085	14.1338
2.62713	3.12493	2.35684	2.81149	2.2419	2.10814
17.0901	26.5402	15.3132	16.2634	17.4311	14.9288
15.7125	19.5775	17.4812	16.0808	16.5846	19.9887
0	0	0	0	0	0
32.1151	39.1353	39.6548	44.1053	56.5485	64.9386
0	0	0.0238492	0	0	0.0159148
0.0234177	0.0583663	0.0147515	0.093378	0.0253656	0.00984379
0.0243986	0.0232469	0	0.148767	0.0194944	0.0784144
14.1658	15.2395	17.0615	15.2581	17.2734	17.6414
2.78133	3.78736	2.06459	3.23131	3.11209	3.00562
2.96574	4.32221	5.58494	3.50505	4.79169	3.63906
4.08891	4.16051	4.13785	3.47635	3.70769	3.82559
6.12197	8.39898	4.44018	4.9372	4.34654	4.04725
20.6068	20.1942	19.684	20.8149	17.3924	19.4603
13.0139	10.3243	19.9045	14.8254	25.217	14.99
14.5696	17.6065	14.2394	17.303	12.5295	12.7684
13.5709	12.9437	13.7171	10.7387	12.0934	9.85106
0	0	0	0.89161	0	0.164487
0.3944	0.327667	0.745329	0	1.13922	0.386839
15.3105	11.8602	11.7816	10.137	14.4292	7.92587
4.76398	5.69034	5.88113	6.0587	5.5532	4.4872

0	0.0973567	0	0	0.0846211	0.0656789
0.508614	0.595329	0.267095	0.284243	0.492664	0.322129
0	0	0	0	0	0
0	0	0	0.120998	0	0
8.72755	25.3724	53.0308	41.1865	98.1102	86.272
0.821335	0.878619	1.06223	0.91089	0.976256	0.849384
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.299633	0.280051	0.117967	0.106677	0.141993	0.15744
0	0	0	0	0	0
4.01728	4.51838	5.52611	4.25021	7.8433	6.44823
2.7635	1.94402	2.84752	2.21993	3.80334	3.33445
904.36	1010.6	909.434	1081.93	877.938	1027.28
0.78401	0.868473	1.07005	1.01727	0.731276	0.970381
0	0	0	0	0	0
15.3875	18.8164	13.2593	14.7873	13.8322	9.4471
0	0	0	0	0	0
6.64635	6.52299	8.15873	4.77069	5.24777	4.64616
29.8741	23.0785	43.2535	33.7414	32.3756	30.9556
0	0	0	0	0	0
11.709	11.2326	10.9664	10.5134	11.7624	8.29945
6.8301	5.74937	7.71703	4.88749	8.72762	5.60458
32.7356	0	82.4843	0	70.9172	27.5213
2.91094	2.80766	3.04969	2.24648	4.16981	2.9168
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.406227
0.0284023	0.0707898	0.0715655	0.129433	0.184589	0.191025
30.0942	35.4198	27.2163	28.9224	26.9262	24.8197
13.2882	14.5972	16.4901	14.1987	21.0733	14.4475
3.23273	3.58105	1.49949	3.06923	2.43181	2.982
0	0	0	0	0	0
42.0228	39.0724	35.4038	32.7449	25.8892	29.7701
5.94895	4.7888	6.5494	6.91383	7.39014	5.83339
0.832569	1.5244	1.58248	2.00681	2.77411	2.01565
1.16235	1.09444	0.943721	1.17711	0.867337	0.868626
6.90897	8.43423	6.70597	7.34923	6.59749	7.31976
0.114683	0.607403	0.216726	0.489963	0.124223	0.144624
17.1181	14.5786	18.1893	13.8292	17.8746	13.7702
0.0451694	0.187634	0.246597	0.171536	0.0978532	0.13924
0.812917	0.662524	0.796354	0.945155	1.30741	0.659423

0	0	0	0.0263653	0	0
1.43427	1.59588	1.74243	1.28388	1.55357	1.09814
9.60888	9.34649	12.3056	11.0195	12.5035	10.4245
0.105621	1.84529	0	12.4948	0	2.69488
32.2152	36.9524	36.2611	36.0421	48.8659	43.3642
0	0	0	0	0	0
60.053	69.0616	58.8567	64.4988	58.0886	70.0896
1.92395	2.0551	0.779108	0.861111	2.53055	1.73302
0.117068	0.238729	0.174305	0.109124	0.2075	0.107368
0	0	0	0	0	0
25.3435	24.432	26.9048	24.0509	25.6024	22.2908
9.72211	9.3877	10.2873	9.99156	10.6738	8.32734
0	0	0	0	0.0439357	0
3.00185	2.8741	2.45891	2.74201	2.79195	2.99792
1.51274	1.83745	2.68988	1.85433	2.12599	1.88352
0.0767424	0.0761419	0.483421	0.218578	0.29094	0.129037
0	0	0	0	0	0
3.88776	3.67295	4.67815	2.84974	5.32431	3.03211
0.0620341	0	0	0.0706743	0.033597	0.104306
0	0	0	0	0	0
18.8769	19.8858	17.4518	17.174	18.3877	18.8956
42.7457	47.8085	40.6252	39.8199	30.9946	38.9787
0.0809747	0.0864948	0.11659	0.144969	0.0626501	0.145878
0.133976	0.413055	0.298172	0.619666	0.14512	0.220496
36.0836	46.9358	30.0787	29.2809	2.35272	4.99378
0	0	0	0	0	0
8.21593	7.45877	8.19362	6.97993	8.20168	6.39216
0	0.177951	0	0	0	0
1.06047	0.503843	1.80365	1.25348	3.82654	2.75266
23.9641	23.294	23.1981	20.1204	31.4239	26.0927
286.795	218.945	299.258	286.433	252.759	368.908
0	0	0	0	0	0
14.8912	14.0318	15.2232	13.4464	21.422	20.27
0.206709	0.161	0.276699	0.132468	0.433811	0.325842
1.76995	2.02191	1.7963	1.8111	1.70416	1.43291
0	0	0	0	0	0
22.741	26.256	34.034	32.0046	22.2579	25.554
19.9403	22.2776	22.1217	24.454	25.3822	25.5465
0.859042	0.778572	1.52501	0.622804	0.63443	0.722207
0.260142	0.324188	0.983222	1.77825	0.28178	0
0.268165	0.104434	0	0	0.0544634	0
0.482125	0.492172	0.374943	0.44839	0.333547	0.44201
7.09168	6.37381	4.00698	3.9173	4.42272	3.17976

55.3388	53.6784	57.2412	53.8043	48.8097	48.9017
0	0	0	0	0	0
5.26337	5.93452	4.81543	4.49735	4.81885	4.42498
28.4446	28.7175	27.4698	32.5297	29.5376	35.8069
4.21812	3.77366	4.39023	7.78819	3.84396	3.13001
25.7184	24.2397	25.186	23.4322	20.4446	20.8647
0.873708	1.07223	1.32235	1.46688	2.14124	1.37984
34.8383	37.077	35.5288	34.8432	33.9889	38.71
3.11281	2.49377	2.14074	0.967686	1.84729	1.79024
2.01838	1.84162	2.10396	1.32779	3.03156	1.73624
5.72703	6.6042	8.67528	11.2292	6.26434	8.98634
53.6779	48.216	36.9831	33.2085	38.0123	45.581
0.200223	0.0415863	0.21021	0	0.0722925	0.140275
9.75239	8.25042	10.097	7.7314	7.78551	7.58575
0	10.2679	0.296584	2.4138	2.03994	0.791652
5.12684	5.2105	6.08281	3.96956	6.41593	4.64497
45.4716	180.306	31.5082	154.134	66.0131	21.0257
1.92957	1.98799	2.67874	2.35559	2.68694	1.78755
24.0149	24.0385	26.0726	23.8535	27.5611	25.181
0.1186	0	0.132174	2.11E-11	0	0.0984092
0.0165321	0.123613	0.0979378	0.117717	0.0358144	0.0277974
1.71023	1.85694	0.840044	1.63497	2.03137	2.8716
0	0	0	0	0	0
1.32594	1.88716	1.40121	1.31664	1.39699	1.34216
0	0	0	0	0	0
17.2196	15.7055	16.7161	15.0689	16.5795	16.3067
42.3626	41.8661	46.8592	44.082	39.5593	34.8012
1.63908	1.95039	1.69955	1.91271	2.92729	1.87727
1.0215	1.46082	1.66142	1.16098	1.34496	1.11988
0.0621858	0.0774958	0.078345	0	0.202075	0.104561
4.37574	4.66463	5.44638	4.82504	5.71048	4.36821
13.7278	14.3381	14.1991	17.0592	10.6904	12.7158
0.0576736	0.715825	1.72433	2.42175	1.35529	1.51661
4.07347	4.3743	5.53234	4.59146	4.45924	5.47696
0.319193	0.309382	0.223409	0.282839	0.268911	0.119266
0.233895	0.109501	0.395371	0.13904	0.20761	0.0650031
10.9879	10.9986	13.4448	9.53636	16.7639	11.3849
13.3196	12.4491	12.5858	10.1833	13.3834	12.6715
0.143764	0.0358318	0.126786	0.0818942	0.436024	0.37468
11.2136	8.22064	11.6492	7.44038	16.9797	8.14458
0.943841	0.529296	0.614369	0.931928	1.07347	0.317399
11.7351	11.2306	12.6506	10.2884	12.3666	10.6211
25.9486	24.3817	31.2315	26.7102	27.569	29.7133

17.0787	21.1657	18.7081	20.7089	22.3277	27.717
0	0	0	0	0	0
16.4432	16.7723	16.7929	18.9576	19.5676	14.2113
0	0	0	0	0	0
17.0233	14.5414	15.8521	12.8637	20.9307	15.8402
15.8009	17.7472	9.97164	9.05021	9.2929	7.81984
7.47221	5.56032	7.28053	8.35985	7.65704	8.6879
0.0969247	0.0201312	0	0.165637	0.122485	0.190133
20.4047	24.0567	16.1069	21.414	14.8569	19.2899
7.98511	8.62133	7.74578	7.74275	10.0493	11.668
8.01247	4.79484	9.84468	2.25952	11.042	4.80203
2.14424	2.71456	2.76575	3.29597	4.22123	3.57676
15.3867	17.4965	13.0575	12.4756	12.7474	15.023
4.61375	4.37118	6.03268	5.57141	6.02224	3.81765
0	0	0	0	0	0
8.97296	9.05123	10.6145	10.9269	9.67667	9.0371
0	0	0	0	0	0
0.63597	0.873723	0.637147	0.872985	0.547792	0.712672
0	0	0	0	0	0
0.647581	0.554822	0.356937	0.83	0.613765	0.680536
0.638767	0.484541	1.60951	2.46798	0.902478	0.770506
2.86056	3.11655	2.76226	2.45887	3.17271	3.25454
0	0	0	0	53.4713	0
0.052457	0.148859	0.21258	0.0693703	0.171673	0.0980034
7.40283	7.09431	8.02248	7.40852	7.09244	6.20474
0.0369357	0.0920584	0.077556	0.126241	0.026672	0.0103508
3.06216	3.09775	3.90327	3.26293	4.29242	3.19528
3.19441	3.15942	2.72558	1.7619	3.12143	2.5719
2.20437	2.25475	1.8407	1.37118	1.82498	1.50658
0	0	0	0.155453	0	0
10.6142	10.655	11.0446	10.6409	10.0065	9.24486
0.536152	0.517876	0.351111	0.40581	0.627191	0.39928
26.9194	24.4038	41.3428	59.3012	37.308	48.6947
11.0652	10.8625	11.5612	13.5442	11.9331	10.6868
0	0	0	0	0	0
9.04833	9.19429	7.36588	8.3394	9.57479	9.28449
5.51764	4.66151	7.89223	4.92921	5.41089	5.59561
6.50242	6.57025	5.65821	5.40591	6.83178	7.87987
0.0753637	0	0	0	0	0
0.932215	1.24471	1.51001	1.44136	1.44251	1.39951
21.908	21.7084	19.6185	18.7092	21.1891	21.5256
4.06658	6.20056	4.49042	4.49672	4.19755	5.45001
22.976	21.9899	20.6676	21.2524	22.9026	22.9469

30.1565	30.4752	31.3843	34.0217	30.3937	31.8591
10.6646	10.9516	12.2249	10.012	11.5021	9.79315
2.06127	2.3155	2.77979	1.78609	2.10694	1.97701
33.9804	40.4092	37.0091	35.5794	35.0851	33.3638
16.2729	15.0665	16.5127	14.3785	18.587	16.1758
0.299039	0.293471	0.383474	0.198736	0.297716	0.134793
1.65117	2.86098	0.599229	0.753905	2.31178	1.53208
45.5037	48.4894	109.403	98.0196	158.064	178.239
23.3967	28.0006	23.7054	27.7125	22.2734	28.166
0	0	0	0	0	0
47.6659	48.1631	46.0623	47.8237	39.1631	42.1622
0.211444	0	1.02063	0	0.916139	0
25.28	28.3763	25.8312	27.8557	23.9846	22.2572
0.319657	0.199178	0	0	0.51937	0.40311
38.6821	41.002	44.622	38.3416	46.1714	39.1328
0.526718	0.712063	0.312985	1.18873	0.48443	0.288224
2.22385	1.23915	3.54851	2.05582	2.81617	2.21421
11.775	10.6413	13.7034	11.8018	13.367	10.3588
178.812	138.962	52.0151	57.5791	40.4959	59.2688
20.5559	25.8261	17.7729	18.623	14.6984	20.5572
16.8055	15.0694	15.7647	16.3186	15.3306	16.2346
19.3798	16.6323	22.2723	18.5554	24.4244	20.2763
10.0327	6.42033	5.46584	6.79628	2.05596	3.19148
0	0	0	0	0	0
0	0	0	0	0	0
1.99771	1.19128	2.51731	2.60023	2.47253	1.78788
0	0	0	0	0	0
63.8896	71.4633	57.6536	58.0336	65.8475	72.7796
0.0350345	0	0	0	0	0
0.0369441	0	0	0	0	0
0.0984017	0.20438	0.0413239	0.186846	0.0710578	0.0827275
0.007933	0.0296583	0.119933	0.0271138	0.137486	0.286783
0.217299	0.369269	0.0746631	0.292576	0.363759	0.282332
28.2873	28.9037	29.7172	26.7047	24.3751	21.4469
0.356876	0.527097	0	0.406583	0.342344	0.416708
2.46235	2.10545	2.30967	2.12958	3.71847	2.26657
2.97E-06	8.83E-06	7.09E-08	3.15E-05	0.296671	0.446689
5.06581	4.9387	5.11974	4.31589	5.6604	4.49927
0.0630018	0.157026	0.396865	0.143554	0.0682423	0.0529664
6.85704	5.67069	9.51068	10.0578	8.67666	8.02135
3.4949	3.20145	4.34753	2.50917	4.13514	3.96687
71.978	72.5419	73.2476	61.4218	78.3488	72.7027
2.01272	1.32288	2.04103	1.52397	2.34013	1.42924



0	0	0	0	0	0
482.155	468.19	395.124	425.661	331.456	436.058
13.0831	11.526	11.2883	9.51608	10.0446	11.2291
0	0	0	0	0	0
0	0	0	0	0.0793489	0
0.802692	0.836181	0.727843	0.451648	0.772932	1.28907
5.63764	6.02859	8.04025	7.77951	8.04134	8.32173
0	0	0	0	0	0
0.0385441	0	0	0	0	0
25.6934	22.7941	31.638	21.4256	26.3183	22.8139
264.556	309.49	279.728	277.54	264.477	275.205
0	0	0	0	0	0
0	0	0	0	0	0
1.34218	0.873197	1.60434	1.31695	1.18847	1.23522
0.808097	0.533858	2.42868	2.44028	1.63462	1.20323
108.355	149.315	65.5715	96.1213	140.957	91.7127
1.42021	1.53244	1.78926	1.08526	3.78957	2.62095
0.0127	0	0	0.0289378	0.0412691	0.010677
0.253349	0.315723	0.725416	0.629752	0.224527	0.0580892
0.640367	0.612688	0.340355	0.639147	1.869	0.756944
8.4976	10.1438	7.88843	9.47735	6.06523	7.89604
13.453	14.6498	14.8896	15.8997	13.6868	15.8024
9.39913	10.0356	10.2331	8.75448	10.706	10.406
5.63274	5.05854	5.3949	4.92145	6.11058	5.19364
6.83E-10	4.88E-09	0	0.175379	1.82E-09	3.83E-09
34.3441	25.1657	30.7747	30.7102	36.8296	35.2064
0	1.52E-09	0	0	0	0
0.36678	0.304721	0	0.278578	0.264859	0.154178
2.06E-06	9.16E-10	5.28E-08	9.16E-08	5.65E-07	3.25E-05
0	0	0.10482	0	0	0
6.58264	6.99962	7.12138	6.43986	7.59517	6.91756
1.54991	1.25807	0.950568	0.738993	1.12475	1.19931
1.4743	1.84851	1.36933	1.44932	1.70483	1.14078
1.33884	1.48241	1.45184	1.07489	1.99766	1.52385
33.4247	36.2985	35.7648	34.2258	35.553	33.9926
5.32975	5.70522	6.35443	4.45997	8.77247	6.51462
0.203963	0.508358	0.770893	0.232372	0.662787	0.535858
46.3355	48.2714	45.5499	48.1021	41.8058	48.393
14.0213	13.0944	16.5234	14.045	16.7925	15.6887
0.0328939	0	0.165767	0.0374755	0.142521	0.110618
0	0	0	0	0	0
0.237807	0.243163	0.169006	0.222301	0.270797	0.36397
6.77225	1.94759	28.2214	19.5855	3.38564	2.62778

0.62726	0.964085	0.263419	0.524059	0.860618	1.14258
1.44767	1.59783	1.89908	2.44448	1.43841	0.680841
0	0	0	0.561643	0	0
2.75689	3.66468	12.0407	9.63203	5.77334	6.48971
3753.07	4668.44	3752.27	3986.06	2312.29	2988.29
0.151665	0.0472509	0.191076	0.043197	0.219042	0.199231
22.7969	20.5776	19.2202	23.2527	25.9398	27.8729
0	0	0	0	0	0
0	0	0	0	0	0
38.376	35.6622	37.1416	35.7876	35.2916	32.605
0.0137224	0	0	0	0	0
0	0	0	0	0	0
45.3204	37.019	46.4199	34.1847	55.6919	43.1421
0	0	0	0	0	0
0	0	0	0	0	0
193.974	217.904	156.35	207.724	163.795	219.335
44.4459	31.4244	58.7795	49.8098	60.3796	52.2017
0.556911	0.804902	0.538481	0.480552	0.595242	0.543004
0.510427	0.954141	0.964596	0.436141	1.38221	1.07281
24.7943	27.2067	27.9198	23.3863	29.2106	23.35
0.239167	0.234182	0.215226	0.661735	0.148035	0.172346
321.993	310.424	202.655	264.774	99.0669	208.207
0	0	0	0	0	0
0.127644	0.191445	0.196101	0.21888	0.595929	0.301861
25.7733	16.676	8.75359	10.1711	17.1319	24.1809
21.6274	25.4236	19.093	21.4439	15.8236	23.3482
30.7724	38.3485	38.7688	0	66.6641	0
242.12	282.406	258.109	285.129	271.507	319.71
0.907024	0.6487	0.238476	0.220146	0.379605	0.690699
0.106843	0.133147	0	0.182586	0.173595	0.404207
8.19713	8.84926	8.98225	9.07823	10.8199	8.99892
0.557827	0.444583	0.48387	0.447796	0.792237	0.937825
5.47489	6.19173	10.1273	9.79865	7.62673	6.99765
7.09598	7.20468	9.94763	9.22119	7.20154	6.47835
0.701895	0.788397	0.589524	0.932933	0.963019	0.590092
5.1719	4.06512	5.71733	3.74524	6.27032	3.43157
3.92523	4.29977	3.11502	2.61018	3.0867	2.58364
18.2853	18.6857	18.6661	19.021	18.024	17.733
1.48509	1.55328	1.00232	0.896322	1.54159	0.356723
21.6898	22.4859	23.1494	20.359	27.0245	23.4806
14.3934	12.3316	11.5834	10.6815	12.5318	12.4719
11.093	11.1245	10.5995	10.1742	11.5003	12.1652
2.90634	2.75953	3.40462	2.43979	3.32167	2.42503

4.41219	4.22782	4.90475	4.11854	6.51618	4.48867
0	0	0	0	0	0
28.1069	28.4186	32.7205	24.3453	29.5017	23.9937
1.11675	1.30269	1.16973	0.969016	1.38546	0.878823
3.62784	4.74723	5.199	7.02633	5.09216	3.88871
28.1538	32.8658	28.9602	32.5434	29.6371	32.0362
0.0864419	0.0307782	0.0466732	0.0422065	0.0535041	0.0622909
25.7757	25.1322	22.6578	24.5038	27.8812	24.566
37.6199	30.5346	43.1604	30.9027	48.3467	31.5534
1.79258	1.77637	1.41762	2.0782	1.97065	2.07759
0.143275	0.267823	0.135379	0.285653	0.620768	0.301132
0.2282	0.284382	0.287499	0.259984	0.247181	0.19185
11.149	13.5283	11.8283	10.5014	14.7777	12.2714
0	0	0	0.00529071	0	0
28.845	30.9898	32.2092	31.7211	36.9012	31.2191
0.146023	0	0.183968	0	0.18746	0.145497
7.40482	7.2363	6.28367	3.90925	9.47236	4.51716
0.0953614	0.158452	0.360424	0.39836	0.172156	0.534476
41.7138	42.4701	33.1167	35.2437	34.6683	39.629
6.48478	6.99911	5.36957	5.23917	4.21964	2.74325
27.5805	23.9942	34.5847	28.1632	24.2841	26.3928
0.125729	0.235024	0.2376	0.0716202	0.136187	0.211403
0	0.0371532	0.112681	0.169829	0.0645862	0.100257
0.605962	0.385965	0.27144	0.368193	0.481335	0.656612
0.343244	0.46941	0.307511	0.656934	0.165242	0.205205
0	0	0	0	0	0
2.50191	1.88249	2.14101	1.1294	2.14756	1.07153
34.7834	37.1076	34.1206	34.9359	48.3644	47.3267
8.94597	8.57015	8.73748	7.22071	10.1872	7.90071
9.40605	8.39899	9.75221	10.8426	7.71815	4.91312
0	0	0	0	0	0
0.975173	0.791065	1.10108	0.534537	1.7638	1.2839
0.096009	0.0861449	0.155517	0.0175004	0.119802	0.0581151
11.8641	11.6834	10.9743	10.021	12.3467	10.4621
0	0	0	0	0	0
3.14886	3.31795	3.06403	2.88746	4.93593	3.4221
0.137123	0.113922	0.0575851	0.416592	0.198039	0.153708
17.0878	18.3822	22.1073	21.2356	22.3479	21.3073
5.14538	4.36917	5.68491	4.25322	4.87011	4.98079
14.132	13.3259	12.1399	12.9123	13.9379	14.4889
0	0	0	0	0	0
17.1279	21.6828	19.0892	17.439	18.5711	19.4071
3.48858	2.02664	4.36205	2.27113	4.88681	2.4257

10.0588	9.8387	15.8653	12.7035	12.8592	13.7664
18.6994	18.0476	17.9217	15.4692	21.5599	17.8767
5.80045	7.20795	4.80816	3.06157	1.75538	0.94811
5.56407	4.63306	9.87158	9.71714	5.1017	8.76865
4.71803	4.35185	5.01044	4.02321	5.2798	4.15538
354.642	318.548	295.092	263.996	266.297	302.941
7.87779	6.84656	9.20172	6.11904	11.6545	6.28319
0	0.0283508	0	0	0.0246421	0
3.69111	3.28561	3.44815	3.74751	2.82861	3.3987
0	0	0	0	0	0
14.7433	11.8162	13.5143	11.2594	11.1848	9.27845
30.2095	29.7477	30.7405	30.4032	25.6848	24.9628
2.83922	2.69882	4.15427	2.88811	4.92051	3.18465
4.28254	3.55793	3.59692	3.53801	3.41803	4.65313
139.694	181.05	210.474	225.018	181.953	218.564
32.9481	32.0468	32.6229	33.6207	27.3227	35.1691
2.88159	3.15007	5.98058	3.22093	6.76051	4.13949
28.5633	27.5369	32.923	29.5923	26.2753	22.4099
0	0.109536	0	0.100139	0	0
0.124111	0	0.974251	1.00549	0.0597485	0.139122
0	0	0	0	0	0
33.55	32.5362	34.633	29.9501	32.6918	31.1068
10.3647	9.30534	8.6252	11.3469	10.5745	10.2979
1.04716	0.939574	1.16095	0.524923	1.04352	0.809928
6.78438	8.19048	7.71635	7.08528	6.02197	7.31784
0.262213	0.217846	0.623995	0.464699	0.568048	0.269434
9.94207	9.59745	10.8705	9.67129	10.7879	10.0781
2.53975	1.44905	3.34106	2.13816	6.55158	5.5052
0	0	0	0	0	0
0.0489963	0.0828119	0.355673	0.689686	0.0639813	0.0513232
369.697	412.35	691.2	209.914	851.309	699.605
0	0	0	0	0	0
52.7744	59.301	51.1283	58.7311	38.1781	47.8963
0.215046	0.267989	0.180617	0.122499	0.0776443	0.0903957
0	0	0	0	0	0.0106049
0	0	0	0	0	0
3.57264	4.45222	4.461	3.61801	2.76912	1.8022
0.327128	0	0.103032	0.093172	0.553657	0.309398
56.6861	46.525	35.3211	33.0343	30.481	35.9611
17.9607	18.4951	12.9813	14.4314	14.0279	12.8746
6.41421	6.94911	6.96768	7.35968	6.35363	6.81428
5.62902	4.32799	9.88941	4.85391	7.87327	3.50587
0.0540909	0.033704	0.0170367	0.0462186	0.17577	0.0113687

7.25737	7.41543	7.6188	5.6043	8.63104	6.92794
218.431	226.295	202.913	214.187	168.765	202.749
0.192636	0.400104	0.323591	0.292622	0.208659	0.323903
45.306	47.0399	49.1217	46.7437	48.4281	45.5734
27.0579	26.4523	32.5242	23.1199	27.4586	22.0653
1.23162	1.00646	0.99205	0.41405	1.00602	1.01847
12.5709	11.8836	11.936	11.6674	15.778	8.72616
0	0	0	0.461477	0	0
31.7818	29.4241	27.0067	25.944	18.7102	23.7157
53.9152	53.2927	55.8527	47.0326	68.737	63.3541
18.5796	18.9433	17.6389	17.611	16.4575	16.2687
1.95121	1.70737	0.71526	0.77453	1.28985	1.2376
0.3924	0.326005	0.164789	0.298036	0.425039	0.109965
0.0606012	0.151042	0.0763486	0.0276167	0.0525135	0.0611378
6.34664	4.24194	5.83779	5.37918	17.2458	24.0629
8.02961	8.22569	8.54788	7.8617	8.82919	7.83705
18.9499	20.3147	22.9811	23.7992	20.9302	19.8515
0.468665	0.106191	0.134193	0.194161	0.184599	0.143277
5.45203	5.51568	5.70285	5.20292	6.65734	5.08254
0	0	0	0	0	0
1.76557	1.77242	2.13168	2.15117	2.25773	2.18527
0.0181432	0	0.0685733	0.124021	0.0786094	0.0152532
0	0	0.572562	0.517766	0.109393	0.382076
5.69766	4.83087	5.27714	5.98736	6.93246	6.91173
2.2443	1.83543	2.82749	1.43825	2.12711	1.00237
24.7396	19.6883	32.3166	22.6967	28.9131	18.719
149.057	132.481	158.244	118.481	203.901	153.195
0.797419	1.18608	0.712965	0.908486	1.6857	0.973161
0.621191	0.653483	0.729375	0.640278	1.1293	0.618785
10.3044	6.67988	10.4359	5.77583	18.437	8.30999
0	0	0	0	0	0
1.6861	1.65395	1.98052	1.44074	2.11825	1.93725
41.1814	27.8914	30.4528	29.5782	24.2428	21.8267
4.50869	2.59326	4.04175	1.77808	3.09929	1.60368
5.69347	6.44324	5.74411	5.30011	5.54602	5.17515
23.6344	23.9287	20.2936	23.9992	23.8689	25.316
0.0936087	0	0	0	0.506975	0
0	0	0	0	0	0
0.714165	0.879761	1.05487	1.44958	1.3782	1.22152
0	0	0	0	0	0
0	0	0	0	0	0
0.262543	0.373368	0.447623	0.299112	0.546013	0.298703
10.3987	10.3201	8.82528	10.4757	10.0698	8.69357

35.5655	34.4719	33.252	31.2689	36.3102	39.4563
0.595618	0.228387	0.923559	0.574181	0.545906	0.577781
0	0	0	0	0	0
71.2118	75.7792	68.4808	70.538	67.3924	71.2882
7.09442	8.42006	7.0936	6.79961	5.70241	6.79277
3.60322	2.40108	4.22428	1.73896	5.71888	2.96616
2.55777	2.48973	2.78956	2.04417	2.35702	2.31083
5.11002	4.52119	5.51239	4.65118	6.11999	4.56615
0	0	0	0	0	0
13.7188	13.9747	14.4347	13.0117	14.0864	12.6204
3.291	2.62577	3.03873	2.75234	5.10709	4.05956
16.0405	15.9254	15.7331	17.8377	17.9977	20.4235
220.805	226.947	42.5353	53.0665	52.877	81.9879
30.3713	22.1788	23.2343	25.6389	32.3388	25.4793
0	0	0	0	0	0
0	0	0	0	0	0
35.8474	33.4501	24.0192	24.9967	21.5983	27.7252
0.139473	0.0579369	0.0878577	0.0264832	0.025179	0.0586282
73.8439	58.4556	83.4758	88.2445	95.4693	104.004
0.0449922	0	0	0.0512588	0	0
9.51842	8.60624	10.0299	7.75133	11.6039	9.35273
9.64397	10.1473	5.99836	4.86951	6.82351	6.91382
4.9669	7.46358	5.70416	6.82325	3.00583	3.31528
9.43808	10.5985	9.51249	8.38943	8.91997	7.91727
0.0419778	0.209251	0.0528859	0.143474	0.272817	0.176456
13.2331	15.1337	17.2099	18.0077	16.7292	20.2443
0	0	0	0	0	0
0.991383	0.849379	0.858686	0.682385	0.939615	0.989743
19.5706	18.3614	17.0956	17.9596	16.9621	13.4412
6.25284	5.38464	6.44685	6.3504	7.1123	7.10057
0.225118	0	0	0	0.174174	0.0540742
3.9544	19.9884	5.74993	156.19	8.52056	25.0456
0	0	0	0	0.197711	0.690541
3.12702	2.78008	3.11453	2.94785	3.39543	2.71529
4.91696	4.66716	5.49566	4.36233	5.24751	4.61885
604.202	0	0	0.000287472	0.000167	2.63E-05
14.4067	14.3102	14.3893	13.5139	14.7179	12.5709
1.2415	0.843901	0.710957	0.900083	0.366754	0.474428
0.408824	0.363912	0.0735798	0.0665381	0.0632614	0.0491005
7.72899	8.37964	7.23204	5.95961	6.53588	6.02418
1.62635	1.73164	1.48991	0.841306	1.90211	1.31732
21.5436	21.0513	0.0169844	0	0	0
39.5635	41.575	36.1906	43.6609	32.1291	34.8167

6.16296	6.74933	7.15269	6.76603	11.126	9.4833
0	0	0	0.0278188	0	0
20.6179	21.7104	24.1633	20.212	21.6404	26.0678
0.150468	0.187513	0.341221	0.27428	0.619338	0.5313
0.094722	0	0.119336	0	0.153901	0.039817
5.4146	5.79251	6.43224	5.38006	6.69518	5.04059
0.641177	0.679608	1.125	0.629749	1.4569	1.23648
1.0592	0.862385	1.47678	1.30327	1.88158	1.25855
15.1833	14.3164	11.3971	12.6832	12.1498	12.7805
6.18784	6.22505	7.61454	6.67598	7.75073	5.65667
20.5955	24.8956	23.0627	26.6726	23.9951	22.031
0.25451	0.0792919	0	0.0724892	0.367575	0.21397
8.24405	7.06995	8.38254	7.10096	9.99641	8.77393
15.025	20.1523	16.2023	15.377	16.8265	16.9137
9.08689	6.92431	6.43278	6.73346	8.90805	6.16853
0	0	0	0	0	0
3.34815	4.47049	4.35	3.50797	6.81616	4.41074
19.6419	19.4029	18.3918	17.2062	16.8546	17.4319
17.7098	16.8564	21.0488	17.7248	23.0194	19.2375
0	0	0	0	31.3836	0
9.97809	10.4303	9.21193	9.42977	8.24173	9.8449
0	0	0	0	0.0728636	0
3.77E-62	2.27E-58	3.52E-57	1.74E-45	4.63E-34	1.44E-62
2.11127	1.89742	2.98255	2.03552	2.7799	1.9539
0.704122	0	2.36558	0	0.25423	0.591964
0.402849	0.214229	0.218271	0.841671	0.254581	0.215862
0.581035	0.965447	1.22003	0.220655	2.30767	0.976967
0	0	0	0	0	0
0.328068	0	0	0	0	0
1.30836	1.19488	2.13231	1.733	1.97404	1.37881
2.06467	2.7338	3.08891	1.32314	3.49439	2.38672
31.1614	36.0595	33.0435	34.669	29.5072	33.5013
158.274	151.408	171.44	184.943	123.166	171.03
4.39773	4.90078	6.49943	5.49201	5.35897	4.72818
10.1119	9.45848	11.732	8.80703	9.7307	8.25639
0	0	0	0	0.0801643	0
0	0	0	0	0	0
19.8892	19.8109	25.213	19.2177	21.8066	19.1003
0.314221	0.335641	0	0	0.0972449	0.0377384
1.1817	0.589055	0.709953	0.532704	1.39098	0.86843
6.65356	5.60315	5.30893	6.20205	5.67824	7.33965
11.8223	11.6581	14.049	12.7535	14.073	14.6604
14.3963	28.8191	13.993	25.7922	13.9173	28.7036

0.162271	0.220606	0.334535	0.252099	0.527306	0.310053
25.9616	43.5476	35.0021	47.5995	32.6671	27.5162
77.6361	72.5553	38.6663	38.0472	39.1407	56.0098
0.0793846	0.108575	0.0926141	0.0923257	0.148285	0.248287
9.84357	8.72654	10.8599	10.913	9.87203	10.6668
78.8434	91.6264	82.01	104.062	68.1852	90.6581
19.6242	18.4177	14.3568	17.3926	19.6147	20.7082
7.63434	9.86776	8.87369	8.67015	9.19078	10.5346
0.151763	0.17367	0.144471	0.172901	0.0978163	0.117161
0	0	0	0	0	0
0.0435396	0.0271295	0.0548536	0.12401	0	0.0549065
7.28986	6.28935	8.83093	3.83318	7.59253	5.65724
39.1228	37.7687	39.0369	41.3627	37.1222	43.9424
0.102813	0.320314	0.291442	0.146417	0.278413	0.108045
0.163921	0	0	0.186753	0	0.137811
2.69136	1.74198	1.91878	1.68761	2.50845	2.94671
7.4182	8.1013	8.74804	7.04586	7.82965	6.74188
10.3467	11.685	10.1747	9.72831	11.0586	13.6051
151.704	127.408	190.51	159.532	248.511	225.574
0.322385	0.163678	0.314137	0.149635	0.402177	0.129399
8.07206	8.17878	10.4886	9.73868	11.892	8.08904
14.233	14.0925	14.64	15.6379	14.2765	13.0805
6.3808	7.30701	2.64342	3.70026	2.30385	2.99634
26.1138	27.1223	26.3996	26.4453	29.1121	31.7819
0.0283198	0.0196068	0.0475718	0.0382392	0.061351	0.0476177
11.5485	13.1125	9.37632	11.4445	7.5849	10.572
0.153036	0	0	0	0	0
3.82466	3.46169	6.01988	4.85333	5.31041	4.1304
9.70578	9.7968	11.1227	8.42456	13.1444	10.4952
9.56209	11.2026	8.0502	11.6783	6.98397	7.30865
0.0263499	0.0328372	0	0.0300199	0.0285416	0.0221526
0	0	0	0	0	0
11.8273	9.82426	11.5743	9.3931	16.0377	11.6823
0.560636	0.65534	0.725303	0.883181	1.21263	0.861542
0.154772	0.289315	0.0974952	0.146941	0.027941	0.216865
0.0453742	0.0565452	0	0.051694	0.0737226	0.0953665
9.45071	10.2883	9.85893	8.59772	13.648	16.5241
6.45472	11.854	7.70544	11.0722	5.81878	7.54833
0	0	0	0	0	0
0.613656	0.657015	0.893654	0.718718	1.27858	0.668148
3.69818	2.86854	6.3525	5.03226	2.31279	2.67306
2.41747	5.91877	5.91877	6.57355	6.91158	6.85859
0	0	0	0	0	0



0.204234	5.75218	0.308766	0.420279	0.0442444	0.171702
1.60955	2.00919	1.00162	0.49041	1.56182	2.28419
12.8616	12.3266	17.7852	12.1549	25.8382	21.0748
14.2835	15.8124	14.9019	13.4349	15.7919	14.404
0	0	0	0	0	0
0.844041	0.767008	0.520155	0.564856	0.298845	0.236709
0.487924	0.506709	0.409809	0.289523	0.44593	0.617442
1.18224	1.04147	2.05441	1.30046	2.58323	2.07353
2.22884	2.12948	2.43361	1.60821	2.49471	2.6858
8.79621	8.17209	10.2127	9.91133	8.31508	6.31294
0.72472	0.656833	0.66403	0.375301	0.999093	0.775448
0.681947	0.59803	0.280913	0.483104	0.599522	0.619789
6.93867	6.73955	6.04207	3.8363	4.91845	4.07482
11.6266	7.82564	8.70589	6.64829	13.3441	8.34838
5.42508	6.05676	6.47225	6.54498	5.58771	5.51075
40.7548	40.8577	43.8048	43.3784	46.2992	43.6709
1.61158	2.2315	1.72957	1.39404	2.35984	1.78141
6.61604	7.51664	8.70336	7.98932	8.16106	8.40469
0	0	0	0	0	0
2.52196	1.3623	1.05357	1.53984	1.11515	2.00265
20.9019	22.3156	23.4074	19.8622	22.5722	23.0059
0.041644	0	0.0524654	0.0474443	0	0.0350106
0.141441	0.176264	0	0	0	0
229.435	325.482	168.186	164.715	203.127	309.569
35.5103	36.3255	35.1807	41.7038	37.5452	39.0131
0.177671	0.180259	0.174852	0.112538	0.259985	0.174681
0	0	0	0	0	0
4.44028	5.40188	4.62255	3.80419	5.78353	4.50619
0.529586	0.549975	0.389201	0.301674	0.812652	0.593639
5.85387	6.39353	7.76239	6.05106	8.63289	6.05674
5.66462	3.37508	2.57467	2.64473	3.46012	3.46957
5.7726	3.80848	5.13362	4.25546	9.56305	3.71119
0.322997	0.536696	0.457798	0	0.349871	0
0	0	0	0	0	0
11.7485	12.8879	11.4396	10.4808	9.09917	10.0623
10.6417	11.9268	4.58505	3.87071	5.73846	5.83528
9.17625	10.7901	12.0499	10.2557	8.02952	9.5938
0	0	0	0.171843	0	0
0	0	0	0	0	0
8.21155	7.21773	7.49015	8.05673	8.65311	8.29521
0.399147	0.316775	0.714474	0.551616	0.683467	0.407054
29.0252	40.0294	32.6914	34.1702	43.3865	50.4467
4.23722	2.712	2.73782	1.40459	3.01147	1.62019

5.28585	5.86362	6.10445	5.13245	5.87736	4.57854
1.14761	1.63437	2.02394	1.7929	2.8762	1.18509
0	0	0	0	0	0
1.61526	1.9636	1.45645	1.70493	1.9256	1.21166
0	0	0	0	0	0
103.855	114.535	99.0485	112.823	96.0954	108.958
0	0	0	0	0	0
1.77096	1.96038	2.09347	1.59432	2.57928	2.42607
15.2847	14.2744	15.209	10.7513	17.0034	12.7025
23.5608	21.6702	23.98	22.7844	24.8541	26.2396
9.17392	7.5798	11.7271	9.9157	12.7397	14.2387
10.3322	11.6105	10.6183	10.7301	8.38683	8.30222
4.46003	3.98988	5.12907	4.87873	5.88673	6.24751
3.87065	4.36073	4.25253	3.60799	8.05347	7.31351
2.57328	2.77704	2.38969	3.23393	2.91663	2.99975
5.71038	6.10177	6.77051	6.19627	5.24824	5.08433
3.53466	5.89577	4.59017	4.83237	5.18342	3.88597
15.766	12.2959	15.4361	12.2631	23.2621	12.4785
12.3012	11.8107	9.60648	8.88669	10.2404	7.13763
0	0	0	0	0	0
16.6115	15.9341	17.1753	14.7869	19.1957	15.3964
0.200071	0.249329	0.376796	0.260115	0.232002	0.132704
0.0491383	0	0	0	0	0
0.0396657	0	0	0	0.0429651	0
4.73377	5.32668	4.38246	5.75763	3.93673	3.8349
0.358963	0.505688	0.393254	0.444523	0.473348	0.328027
0	0	0	0	0	0
1.4425	2.39686	2.72601	3.56074	1.19047	0.779612
4.66517	4.38367	4.4506	3.88795	5.78439	4.53371
0	0	0	0	0	0
0.336689	0.314686	0.530223	0.479479	0.455868	0.212294
4.19645	3.43244	8.95339	3.35999	9.45692	2.97096
8.98745	7.42793	9.18426	6.55819	9.78856	7.46638
0	0	0	0	0	0
18.9443	20.4456	17.8537	19.7146	21.2914	22.4614
0.032304	0.0134191	0.0339153	0.0306695	0.0787298	0.0912823
11.7301	12.6555	13.5878	14.49	12.9764	12.8293
0	5.63E-10	0	0.0326642	0	0
1.26942	1.3534	1.54256	1.0562	1.54713	1.77036
70.6235	58.282	75.7309	72.6291	67.69	109.646
425.796	490.668	1120.86	343.289	1215.6	809.646
181.447	181.458	198.889	198.994	185.723	216.143
9.54808	9.88987	9.36577	8.41203	9.91949	9.87488

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.06511	0.975189	1.1228	1.16393	0.776986	0.895452
0	0	0	0	0	0
250.606	224.214	219.641	237.539	247.493	257.461
181.678	226.795	271.708	296.053	176.954	224.854
12.2627	10.3505	15.2484	8.2641	11.0385	8.44121
0	0	0.128361	0.116077	0.220721	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.11619	3.37958	3.16179	2.42337	3.70336	3.02405
31.7046	29.8948	34.3611	30.0121	44.5125	36.1062
0	0	0	0	0	0
0	0	0	0	0	0
1.54E-46	1.82E-230	3.36E-89	2.41E-86	0.100647	0.0638638
1.72108	0.984308	1.2156	0.516933	2.97639	1.29926
1.20467	1.21186	1.11542	1.10789	1.49353	0.939566
0	0	0	0	0	0
0.0875816	0.0363813	0	0.0997802	0.126489	0.0490872
30.5237	27.0914	31.1913	27.8782	31.8421	27.8261
11.3968	14.7989	10.5769	12.7363	10.4129	10.8248
0.415278	0.517519	0	0	0.22491	0.523694
8.21386	7.96141	7.87266	6.85398	8.63481	7.88416
0.904083	1.01713	0.972907	0.729588	1.04729	0.928979
6.89071	5.21185	9.53162	7.47864	9.51507	7.886
0.237002	0.149962	0	0	0.0645194	0.174861
0	0	0	0	0	0
5.21121	5.54125	5.67333	5.09811	5.78272	7.41696
4.7963	4.23809	5.18435	3.79938	6.18908	3.61199
19.1015	14.4497	16.2311	12.4911	21.1888	14.3569
0.158394	10.2643	0.299329	77.0544	0.343137	3.06276
8.00081	6.73514	9.35227	7.84579	10.8388	9.45769
0.0163281	0	0	0	0.0176863	0
0.5292	0.217151	0.241634	0.18888	0.875756	0.423545
0	0	0	0	0	0.057887
5.07444	4.80845	4.98615	4.26393	5.75113	4.11566
10.2307	12.6705	11.7749	12.3748	10.9097	11.7336
0.0827885	0.368687	0.104301	0.1965	0.313037	0.0522004
8.72668	9.11327	10.2355	8.19256	10.9431	8.2787
27.297	26.1585	24.9036	23.8921	26.2188	30.3825
1.74856	1.74324	0.367155	0.531227	1.7046	2.10705

37.2675	38.4939	34.4992	35.8654	27.9841	29.716
0.104095	0.129723	0.655721	0.592967	0.112753	0.0875138
13.4755	13.1004	11.9714	13.9642	14.5446	15.7473
0.276006	0.0906923	0.246534	0.314449	0.211961	0.232042
5.84416	7.07831	6.50064	5.69139	7.85725	9.34324
45.9011	44.611	46.9653	51.3352	40.5678	44.8382
0	0.0611319	0	0	0.159405	0
0.297978	0.074268	0.0375409	0.203689	0.0322764	0.150308
3.27992	2.22516	3.58679	2.67727	5.14826	3.60375
0	0	0	0	0	0
0.0527517	0.0438261	0.0886127	0.0200331	0.133326	0.059132
4.81802	4.89159	4.67675	5.20955	5.91635	4.91391
22.9622	25.6015	23.4655	23.8801	27.8834	30.5695
8.46322	9.34564	10.2444	9.32306	10.9863	10.2165
0	0	0	0	0	0
0.00697287	0.0260688	0.0087848	0	0.0679759	0.0527596
0.449281	0.559894	0	0.511859	0.486652	0.377716
0.383422	0.523327	0.575066	0.49923	0.375761	0.184199
17.7237	16.2149	23.1563	20.5663	25.4704	21.9961
1.38015	1.40043	1.69638	1.12641	1.33517	2.08216
9.78764	8.15157	10.8204	7.11555	11.5673	8.3364
16.4015	12.8018	14.8286	16.7156	26.0263	25.8214
29.027	29.5648	29.8887	31.5534	26.8368	27.4959
3.36698	3.95441	2.13624	3.21583	4.1848	4.224
13.3206	19.3968	17.542	41.2389	22.4793	28.9302
15.763	16.4403	15.8374	17.2505	14.6568	15.0333
0	0	0	0	0	0
0.254331	0.25382	0	0	0	0
0	0	0	0	0	0
2.0725	2.39827	1.88835	1.68655	1.88411	1.89795
158.139	157.914	159.161	192.927	176.814	220.888
0	0	0	0	0	0
3.63043	1.53455	4.89918	1.84223	4.4022	1.50574
5.19254	5.23508	6.0505	5.87768	5.02097	6.15468
0	0	0	0	0	0
0	0	0.0253306	0	0.0217784	0.0169034
0.544874	1.68139	0.686462	0.945929	1.01177	0.894351
0.940955	0.923124	1.36202	1.08342	2.16856	1.41383
2.36792	2.93522	2.96581	2.32395	4.06614	4.6431
6.48042	7.29165	7.92395	8.5239	7.28978	5.83332
46.5382	57.1819	43.7507	54.8186	34.4905	48.4146
0.0805922	0.14153	0	0.179251	0.1364	0.0716871
0	0	0	0.0139403	0	0

33.0146	31.8135	30.6239	22.7028	26.7768	25.4919
1.72843	1.20943	1.4452	1.30684	2.27016	1.64085
0	0	0	0	0	0
18.8572	14.6851	17.1959	16.3002	10.1495	11.4012
3.06691	2.91737	1.97766	2.47066	1.76912	1.991
0	0	0	0	0	0
0	0	0	0	0	0
0.0452056	0.0563352	0.0569525	0.206008	0.0489658	0
0	0	0	0	0	0
9.35605	9.16863	7.50104	7.41302	9.51952	8.82518
2.24847	2.48132	2.73035	2.74682	3.13973	2.84686
113.252	117.97	115.251	119.222	89.3013	90.3652
0	0	0	0	0	0
27.97	30.5091	24.6546	31.8699	28.078	41.0398
6.99883	7.85368	8.27887	6.33202	7.88971	6.68273
1.35059	1.09402	0.454218	0.25645	0.268204	0.378485
0.400144	0.373994	0.666163	0.683816	0.309591	0.336406
4.86162	3.78411	0	0	0	0
20.1648	19.2233	22.7781	16.6415	25.3399	19.3402
41.6217	44.9768	40.322	45.2582	36.2905	44.4799
1.45353	0.946236	1.44881	0.503815	1.58908	0.230515
5.55847	5.2404	6.54878	5.25522	6.20787	4.86675
4.36572	4.52058	4.74651	3.30619	4.90809	3.84153
10.3783	7.10544	9.05785	8.9194	8.82989	7.99711
0.668882	1.36401	1.91521	1.87048	3.55673	5.06104
5.65732	5.72824	5.48661	5.54563	7.09814	5.52906
0	0	0	0	0	0
3.1845	3.62933	3.96057	3.89162	4.00954	3.51246
0	0	0	0	0	0
24.9854	24.6652	18.2635	19.5751	20.4779	20.4265
1.65397	1.54861	1.5215	1.48554	1.61145	1.62596
26.8629	24.5338	28.3527	26.4953	23.0744	21.8891
4.70772	3.07045	3.21496	2.65665	5.0993	3.14407
0	0	0	0	0	0
34.9066	33.4486	32.1124	33.0225	32.9272	30.8819
0.898466	1.63951	0.7681	0.731148	1.42504	1.29489
4.60268	4.9997	5.82972	4.15014	6.63849	4.92486
132.783	120.882	128.076	122.245	111.269	124.086
14.5885	12.8729	13.1282	12.732	14.3625	12.9504
4.74627	4.35226	4.15242	4.43716	3.19456	2.80075
0	0	0	0	0.00305125	0
19.3079	23.6664	20.3834	20.0268	19.5399	21.3642
1.29247	0.949883	2.3381	0.679609	0.861522	0.195029

0.230002	0	0.0965898	0	0	0
0	0	0	0	0	0
0.110271	0.13742	0	0	0.238887	0
66.5308	64.2767	4.92207	4.75955	42.9316	45.7924
25.8995	24.3019	25.272	26.8069	25.9635	27.8508
4.73367	8.47252	7.72483	21.3284	7.67391	9.53514
0.734686	0.732452	7.88609	8.00186	0.636637	0.790604
62.5781	64.9271	68.41	57.642	67.6579	61.4515
7.27166	7.35587	8.17151	6.43161	9.67597	9.30996
0	0.14253	0	0.130302	0.123886	0.288462
131.906	167.518	136.95	146.425	101.727	101.638
5.42599	5.59363	5.7742	5.01856	6.9993	5.87574
25.9444	24.4128	25.5085	24.278	30.4799	29.6412
37.8296	37.7352	42.0305	42.5782	43.7334	48.8452
10.0932	11.0566	11.562	10.9087	12.4595	11.0534
0	0	0	0	0	0
0.12622	0	0.089448	0	0.4375	0.162488
0.0101513	0	0	0.127217	0.0109956	0
5.22773	4.70829	5.22005	4.68147	5.73676	4.56775
0.118189	0	0	0	0.256039	0.0993626
10.9328	8.90124	16.0692	14.2823	5.28977	8.51725
17.7732	22.0524	17.6849	21.207	15.5676	18.3157
0	0	0	0	0	0
3.39554	3.3525	3.7199	3.88716	6.60081	4.34406
0	0	0	0	0	0
372.041	278.182	749.947	1186.81	161.195	437.891
16.9292	17.7198	16.0389	17.4694	14.8969	18.0369
37.7443	26.7211	46.9626	30.8193	48.9179	37.2483
2.37981	2.81552	3.20953	2.74689	3.1158	2.56576
14.0004	16.2004	7.71386	8.87125	11.8745	12.0821
0.559759	0.545595	0.271512	0.605031	0.551925	0.476627
0	0	0	0	0.0105514	0
0.412474	0.308415	0.357986	0.292397	0.327641	0.200357
5.50578	6.43852	3.83319	3.11352	7.98597	3.98488
5.6855	5.53233	5.64201	4.92459	5.1039	4.71439
0	0	0	0	0	0
0	0	0	0	0	0
7.88331	6.14613	6.61067	7.45847	8.8357	8.79419
42.1637	55.0663	43.6881	52.7386	47.0555	62.3836
0	0	0	0	0	0
0.0283706	0	0	0.113127	0.0768261	0.0357773
0	0	0	0	0	0
55.3207	49.7869	54.2072	51.2783	46.7135	50.2498

0.798638	0.296111	0	0.270707	1.05095	0.449466
3.34206	3.65518	5.35464	6.48981	12.1505	5.07622
0.936992	0.667245	0.927515	0.940416	0.77328	0.506405
0.531648	1.49071	0	0.151424	0.575871	1.56437
0.279274	0.297877	0.399981	0.361702	0.480303	0.376894
1.03439	1.03124	0.608149	0.628512	0.672256	0.579748
27.4443	25.4514	25.7642	26.1728	24.8172	24.7299
31.0352	22.5862	47.1947	23.8251	58.2382	31.4425
94.4163	64.6324	95.6488	70.7458	144.229	52.0994
9.41353	11.4169	11.1184	12.3525	11.198	12.8604
1.01181	0.847613	1.10227	1.02465	0.730645	0.665545
2.63996	1.99561	4.28013	2.85974	6.79731	4.1903
81.5523	91.3203	92.488	82.7176	82.7764	93.2912
1.54461	1.27579	2.14231	1.78924	1.72596	1.72524
8.38334	8.05534	8.94361	8.5679	8.55246	7.92336
3.05964	3.77258	4.84079	4.55729	4.37483	2.74078
0.248414	0.176899	0.715349	0.525597	0.499714	0.149175
0	0	0.0744859	0	0	0
0	0	0	0	0	0
0.664078	0.46618	0.857004	0.53754	0.742461	0.324935
0	0	0	0	0	0
0.416324	0.470783	0.532833	0.42161	0.651378	0.466678
0	0	0	0.0134685	0	0
0.334657	0	1.12432	0.762537	1.9333	0.468916
0.0206282	0	0.00866283	0	0	0
2.42403	4.49439	0.968317	0.943004	1.79313	2.8829
47.9172	33.1534	56.505	38.7816	140.844	94.3625
0.036662	0.0913762	0.415699	0.710062	0.357404	0.647266
0	0	0	0	0	0
8.45149	8.54416	7.69746	6.04925	5.3156	4.96487
23.9013	22.6841	16.272	18.7694	11.1474	16.9311
1.50716	2.35869	1.74424	2.13636	1.68947	1.34075
0.805061	0.545087	0.905091	0.584888	1.35066	1.52111
24.8584	28.0095	13.8922	14.0082	11.0048	13.5282
83.7499	79.2857	64.9593	68.5903	77.992	118.811
3.20409	2.88051	4.1788	3.64051	4.32072	4.02555
5.31289	9.86696	4.98126	7.53329	7.17741	7.76401
0	0.759847	0.256058	0	0.880599	0.683479
2.35749	2.20342	1.85631	1.34292	3.83037	1.48648
9.45208	8.44536	10.3292	9.76427	9.52199	7.91159
0.177229	0.220862	0.0744274	0.0673045	0.0959852	0.198664
5.90468	5.33444	3.03833	4.30962	2.98767	3.63674
0	0	0	0	0	0

25.3295	23.2445	23.4568	23.6519	25.4385	25.9422
0	0	0	0	0	0
10.5046	9.12045	7.88241	7.20695	7.82734	7.84148
8.48716	4.78016	6.89132	6.94792	10.4868	6.81817
0	0	0	0	0	0
0.0736908	0	0.0618931	0	0.239461	0.0619527
19.899	21.773	22.3136	20.861	26.0987	23.935
10.8372	10.4182	12.366	11.5564	11.5529	10.8912
0	0	0	0	0	0
0	0	0	0	0	0
185.068	184.259	150.956	209.333	110.791	138.563
0.0629227	0.117621	0.0990919	0.232982	0.102235	0.0396749
0	0	0	0	0	0
8.30398	7.53437	7.789	7.06432	8.79745	6.36887
3.30664	3.16724	3.60428	2.5241	3.46638	2.93655
0	0	0	0	0	0
32.5933	33.0209	31.9931	41.0381	30.488	33.6767
6.09145	10.5433	5.40046	10.217	4.58204	5.54792
3.687	4.28841	3.6497	3.08039	3.29003	3.21779
41.8735	38.5325	32.4886	33.8718	30.8478	32.4672
57.3661	56.0497	51.8584	50.6691	44.468	46.5114
7.19028	10.6013	11.235	8.43445	8.58929	7.68969
14.2101	12.4119	19.6754	12.7762	19.4458	13.5714
10.3016	11.1444	10.9889	8.15903	10.0844	8.32105
2.80137	2.98794	3.50855	2.06512	3.49847	2.35514
18.5251	19.8552	16.2283	17.4442	15.4931	18.2986
0	0.0576809	0.058313	0	0.0752033	0.0194564
0.447228	0.371557	0.187814	0.50952	0.161476	0.50132
0	0	0	0	0.293709	0
0	0	0	0	0	0
12.3682	10.7236	12.0738	11.2327	14.5655	13.583
0.0591672	0.0737341	0	0	0.128177	0.0746139
3.02457	3.7543	2.65197	2.7152	3.37086	3.13628
83.4645	88.745	76.9036	85.2484	76.9396	80.777
10.1547	9.50591	9.12957	19.2817	28.6086	42.1647
13.7776	13.584	14.8133	14.6249	14.2044	13.3506
4.71186	5.36737	4.67592	5.22836	3.41378	3.94797
0.240232	0.299377	0.100886	0.638616	0	0.538576
0	0	0	0	0	0
0	0	0	0	0	0
26.4139	35.0509	29.6241	37.1254	24.3459	36.748
0	0	0.18589	0	0	0.248092
1.06291	1.08376	0.852164	1.32104	1.36066	1.01546



39.8309	0	0	0	0	0
31.4733	31.0256	33.5659	31.0309	34.0912	30.9585
0.821885	0.646457	0.959001	0.798108	1.21911	0.53797
0	0.0853477	0.0862829	0	0.0370916	0.0287887
0.583427	1.10314	0.950474	0.74491	0.893456	0.515865
0	0	0	0	0	0
0.255347	0.372874	0.714425	0.531922	0.128623	0.0685004
0.806344	0.63417	0.878068	1.20427	1.54446	0.737572
29.97	26.1661	26.709	28.2074	24.2576	20.9647
79.3503	84.3619	64.823	69.3276	55.9835	66.4535
9.24566	10.1027	9.252	7.98534	9.09909	8.21711
15.8136	16.2931	14.8716	17.0799	15.025	17.482
0.619818	0.064625	1.90944	0	0.592702	0.435235
2.68033	2.88702	2.69806	1.88743	2.53854	2.00427
1.25119	1.11945	1.02393	0.475152	1.39001	1.11482
0	0	0.14054	0.508358	0	0
9.82064	11.4793	10.986	11.2537	11.3235	10.0125
0.151628	0.0354295	0.0358178	0.12956	0.138578	0.107557
0.130681	0.0407138	0	0	0	0.0823991
0.309937	0.0347619	0.0527143	0.286016	0	0.21106
0.263382	0	0.121894	0	0.28529	0.162682
133.784	142.302	142.16	137.332	123.122	143.262
7.7764	6.1713	7.70137	6.72492	8.84448	7.09527
0	0	0	0	0	0
5.78636	4.90533	7.62295	6.32344	5.81778	4.73769
0	0	0	0	0	0
0	0	0	0.0696444	0	0.0513928
8.77182	7.72935	6.80929	8.37841	8.15777	7.15111
3.74E-21	7.74E-22	1.49E-18	4.38E-22	4.59E-16	0.211272
0.208026	0.494916	0.0953027	0.0646365	0.532597	0.476973
1.0206	1.2321	0.715998	0.86016	0.535714	0.51079
70.1046	71.5175	58.9408	64.7871	49.7245	50.6606
0.0524359	0.0653456	0.132123	0.149348	0.0283988	0
19.188	18.5704	20.588	17.0917	19.043	18.5527
0.584114	0.447952	0.509468	0.6403	0.754373	0.509959
1.76455	1.95004	1.5939	1.59308	2.74077	1.93132
106.932	113.266	99.9413	112.309	88.2031	118.501
1.18263	1.1096	0.927077	1.00602	1.75355	2.10533
23.001	23.0753	24.9459	23.4497	28.947	25.7554
0.494037	0.153917	0.778019	0	0.802697	0.415343
18.8574	12.7561	27.846	20.7298	20.4435	17.7404
0.0701609	0.0490501	0.11207	0.0756707	0.14837	0.130472
0.021639	0.0269665	0.054524	0	0.0234389	0.0545765

11.8514	13.3269	13.2008	13.8713	13.4222	10.9107
1.02333	1.02061	0.99962	0.700381	1.08078	1.35447
0	0	0	0	0	0
0.105839	0.0827563	0.187734	0.10564	0.375997	0.285275
6.37707	5.65342	5.74803	6.99948	5.95281	6.342
0.0959471	0.478276	0	0.109311	0.207856	0.161328
1.90847	1.64967	1.67933	2.26751	2.5713	1.50121
8.53753	7.37826	7.9365	6.69129	8.63202	6.82918
10.3486	10.9825	12.2545	10.9572	13.5722	10.309
5.21559	6.16917	4.12072	2.97101	6.94208	5.49959
7.94066	9.0724	9.00196	14.9907	8.71798	8.16058
20.529	16.606	20.2546	15.921	19.457	18.9745
1.44926	1.71621	1.68959	1.94684	1.79629	1.33964
3.15987	2.90331	3.50865	3.17286	3.82884	3.57957
81.5934	63.7431	67.7871	59.663	68.5132	76.1235
10.9306	11.1692	9.4168	9.0423	10.6538	10.7516
1.30532	1.26333	1.62207	1.32054	1.74301	1.50278
0.821444	1.00014	1.08722	0.529356	1.13602	0.868129
0.513331	1.59928	0.646722	0.584829	0.556029	0.215782
7.37311	5.38525	9.75731	6.5031	12.6912	6.26867
0	0	0	0	0	0
22.4188	21.2556	23.0521	17.8571	22.4014	21.3552
4.05234	4.51216	6.60348	5.49422	6.09198	6.47098
1.02143	0.636454	1.20643	1.96374	2.14364	1.98581
37.4349	35.2179	40.623	34.0318	45.5188	40.2714
1.21161	0.833815	1.39739	0.281846	0.731103	0.235418
1.33E-09	2.03E-10	1.48E-09	3.00E-09	6.83E-09	3.81E-09
0.285599	0.600959	0.373968	0.612615	0.234221	0.412101
9.63022	7.86283	9.95733	8.32324	7.19415	9.21296
29.6039	34.8491	30.7284	31.5821	27.977	35.0927
144.868	324.961	146.01	33.0091	188.301	170.509
12.8701	10.7347	14.8725	11.4531	16.2361	11.9955
0	0	0	0	0	0
0.07363	0.0917576	0	0	0	0.0619017
0	0	0	0	0	0
1.0351	0.963154	0.730281	0.78618	1.56968	1.53159
45.2122	44.6692	42.3996	29.9629	42.1494	39.9855
2.21408	2.45043	1.82589	2.18815	3.27893	2.0777
21.0737	21.8411	19.4747	20.5157	24.4158	23.5192
2.91439	3.28044	2.053	3.0704	3.73386	2.60824
10.3003	10.6866	11.4532	9.56645	10.5558	10.4099
11.853	13.0156	10.3065	12.4239	13.5216	12.937
0.604883	0.456051	0.311176	0.416925	0.458638	0.560657

213.523	237.47	275.3	306.321	231.832	302.14
3.34877	3.11096	2.49302	3.26026	4.31981	4.91407
17.5597	17.0885	14.5411	17.7099	15.7929	18.6884
11.7526	11.3419	12.2838	11.7166	11.7687	10.0731
52.0341	58.215	49.3754	55.4406	56.4799	60.7493
2.05505	1.76069	1.35521	1.28039	1.51298	1.28228
0	0	0.0202766	0.0733467	0	0.0135307
0.330856	0.149932	0.151575	0.102801	0.325797	0.227581
8.93935	10.654	8.12025	7.09243	9.35701	7.64377
80.3146	78.8417	67.573	86.6495	73.1002	85.8707
0.160668	0.240375	0.203036	0.292995	0.0348869	0.188909
0	0.0489438	0	0	0	0
6.75714	7.82458	8.13632	7.35766	10.8169	7.64144
10.4717	10.973	11.7538	8.60212	12.0792	8.06066
0.0833004	0.0968882	0.0629678	0.0949027	0.174443	0.149401
16.4452	13.4769	15.6426	12.3329	20.0256	12.7316
0.307787	1.40658	1.06493	1.68849	0.96583	1.00666
1.54996	1.45528	1.36423	0.798256	0.505964	0.696159
37.3633	34.1088	32.7105	35.732	30.8359	36.1659
24.161	24.2909	23.1485	21.23	22.6957	21.7515
13.7941	16.9588	12.5287	19.1645	10.9013	13.9449
29.0192	28.35	26.9533	28.5115	25.072	25.8551
3.14289	2.55614	6.12694	7.04822	3.61933	4.33888
0	0	0	0	0	0
0	0	0	0	0	0
0.380507	0.316125	0.319589	0.289004	0.343465	0.42653
7.04968	5.7756	7.75697	4.53715	9.40117	8.74202
21.662	24.2537	20.0142	20.7331	15.9704	18.2745
31.693	22.8275	30.895	30.4199	30.3867	31.624
78.2001	64.2132	72.1409	85.8314	60.3235	75.945
0	0	0	0	0	0
0	0	0	0	0	0
3.6073	4.41726	3.48731	2.69689	4.20594	3.58025
70.7654	74.954	83.5732	69.5971	65.8402	58.8887
0.0327815	0.0136174	0.0137666	0.0622457	0.0710165	0.0643062
0.0979867	0.014366	0.0871405	0.0656674	0.0187301	0.072687
18.7003	23.7179	16.477	21.8164	21.165	26.7333
26.4252	25.7746	26.0005	24.6708	21.8684	16.9858
15.4577	16.5567	16.5634	13.6358	17.269	13.9473
14.4792	14.2119	14.7031	14.0132	11.8283	12.5189
0.198125	0.406663	0.939702	1.0091	0.694309	0.966746
53.8089	59.0286	57.2336	49.5731	40.6332	42.361
0	0	0	0	0	0

49.2827	49.6585	47.5041	40.2753	49.9224	47.7881
0.704261	0.947759	1.90162	1.74488	2.38471	1.8968
26.2353	30.8761	24.2974	26.6331	23.5847	24.7826
27.1276	30.5669	27.6268	32.7826	26.3732	30.488
12.7173	10.5013	13.2948	10.7453	10.8861	10.4641
5.75559	3.39981	4.02155	3.93248	3.3203	2.67126
0.427066	0.805506	0.348999	1.38075	0.250048	0.300817
0	0	0.0954937	0.0345419	0.180625	0.165682
0.0162303	0	0.0409094	0.0536123	0.0263704	0.00682249
0	0	0	0	0	0
5.10752	4.62181	7.90598	5.86277	9.17426	7.18535
6.48518	4.79137	5.74845	6.09547	5.24337	5.17956
15.7486	17.034	16.1756	19.024	19.4154	18.0407
0	0	0	0.0478487	0.0905308	0
0.241582	0.123094	0.124443	0.037511	0.107363	0.0467109
0.758917	0.68305	2.12472	1.58514	1.59842	1.91409
0.0275995	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
225.103	230.328	184.213	211.971	168.389	213.413
8.56007	8.52174	10.9571	6.71826	8.69193	8.98912
0.843864	0.525811	0.93658	0.732495	0.957582	0.979711
1.58E-06	1.46E-06	1.35E-06	1.90E-06	1.30E-06	3.36E-32
0.0763626	0.190326	0.192411	0.0869986	0.0827144	0.385194
4.98964	5.76469	4.91111	4.20425	7.31884	4.44983
25.949	23.1259	21.7573	20.2568	22.7937	21.8156
9.1186	8.5534	7.48279	7.06148	7.31438	6.2952
0.0476105	0.0355993	0.131961	0.0325451	0.0618848	0.0560374
103.932	83.8972	105.218	94.8635	110.168	134.354
0.38251	1.14404	0.173486	0.296335	0.397754	0.205812
18.6282	17.968	16.7089	17.3251	17.5648	17.5964
0.553474	0.513148	0.840687	0.856726	1.62946	0.918544
0.101264	0	0.0598024	0	0	0.023944
6.34809	6.45409	5.7706	6.07873	7.41454	7.41854
24.8033	21.7176	29.8598	24.4725	28.709	25.6754
4.87037	6.17689	5.13146	4.27208	3.64156	4.90986
0.2164	0.809034	0.272633	1.84906	1.2892	0.363861
0.441488	0.25393	1.49749	0.309526	2.68534	2.6267
29.0634	32.7772	28.7608	32.8092	23.7086	24.8294
4.94732	4.77512	5.21445	4.54964	4.53575	4.36316
35.1519	38.0829	33.0107	33.2727	30.4224	37.0274
0	0	0	0	0	0
18.6055	19.2004	17.557	15.2134	16.5219	14.4832

38.5132	34.3315	34.6428	34.5575	36.4751	31.1259
42.3905	44.5546	35.8195	43.2509	64.7756	64.9475
13.0609	11.6537	2.56057	3.0494	2.63458	3.1186
0.406234	0	0	0	0.440024	0
0	0	0	0	0	0
24.5804	28.2585	22.2141	21.8588	21.2758	23.0442
2.74505	2.77197	2.72286	2.13707	2.21448	2.14831
11.2965	9.87566	14.6856	9.85505	11.9279	8.40865
15.1974	14.967	13.5015	11.0253	17.0619	13.2038
0.799295	0.509446	1.1223	0.813305	0.812908	0.579644
2.25745	2.02188	0.488792	1.32604	1.41356	2.31288
0.594493	0.123476	0.249658	0.451531	0.321972	0.749697
26.3186	26.2355	26.8182	24.0549	26.4906	25.2887
0.123925	0.145956	0.0612215	0.096524	0.220932	0.103215
0.83955	0.747318	0.868833	0.580723	0.746993	0.93269
1.03777	0.658787	0.584578	0.558787	0.860151	0.574873
0.0563325	0.117124	0.144899	0.171321	0.0305091	0.0644614
0.0746541	0.0465169	0.0940533	0	0.0404319	0
3.25405	3.0414	2.88135	2.83293	2.89293	1.80661
17.3989	20.8021	23.298	26.9827	19.6032	21.6158
7.58899	6.72361	6.31177	8.2745	9.44043	9.27117
20.0817	29.6307	14.9928	21.7392	10.0027	14.3345
6.53045	7.84679	6.93551	7.19408	7.22955	6.8212
6.19561	4.64368	7.44049	6.1463	12.324	6.26259
0	0	0	0	0	0
1.81335	0.747432	1.73044	1.86913	1.6154	1.79324
2.89847	3.01292	3.54244	4.02572	3.64867	3.09342
5.39843	5.69251	6.38269	6.77483	5.64955	6.85666
0.963064	1.1512	1.2665	0.80408	1.28662	0.815802
0.524809	0.899272	0.826478	0.710013	0.568462	0.33091
0	0	0	0	0	0
0	0	0	0	0	0
0	1.35165	1.02485	0.308922	0	0.455926
10.2603	10.8868	10.3276	9.5315	9.03562	9.16474
10.6897	11.383	13.9394	10.5266	15.7225	12.2412
40.9379	29.1015	50.4482	41.1374	59.7418	56.4805
2.12974	2.28555	3.20076	2.86019	4.46165	3.56401
0	0	0	0	0	0
0.499706	0.51096	0.694127	0.350342	0.846604	0.538601
0.579643	0.47905	0.4843	0.510921	0.264938	0.332906
0.101404	0.294861	0.227115	0.0385092	0.0732256	0.0284171
1.82797	1.15971	2.21923	2.9156	4.24804	4.63832
0	0	0	0	0	0

0	0	0	0	0	0
0.0630179	0.117799	0.11909	0.0358976	0.170649	0.02649
0.286731	0.525047	0.0884668	0.400001	0.23769	0.236139
0	0	0	0	0	0
0	0	0.327741	1.1855	0	0.437408
5.46845	4.8993	6.30668	6.1811	6.16484	5.24272
15.543	38.7394	58.7458	17.7079	33.6717	26.1344
22.544	45.6983	24.1179	36.3919	4.52878	8.96096
0	0	0	0	0	0
14.1426	12.5998	11.3761	11.2215	8.28455	10.7953
0	0	0	0	0	0
1.52939	1.30341	1.52496	0.595566	1.31048	1.07266
52.9259	61.0381	48.9365	64.0239	52.9657	64.6525
0.0243728	0.0269976	0.00682259	0	0	0.0204905
102.378	99.1609	87.7786	97.6926	90.8822	80.5884
13.8911	15.0549	15.054	14.1571	13.4778	12.993
0.0739356	0.0460692	0	0	0.0400428	0
0.128468	0	0.0539706	0	0	0.0357159
18.951	20.1678	22.6625	20.3775	26.0466	24.0631
0.134142	0.0595275	0.141877	0.141313	0.168055	0.0757398
78.593	69.3141	61.11	58.9036	52.8861	72.4275
0.815635	0.89483	0.904635	0.272214	0.989723	0.644039
3.70862	3.89963	3.90577	4.39028	3.70327	3.28844
2.87667	2.42704	3.30903	2.58523	2.86435	2.25321
21.373	20.1316	19.5888	19.2866	17.7793	19.8104
113.738	107.669	96.7398	115.506	74.0349	100.14
0.296736	0.123264	0.124615	0.338067	0.321419	0.166313
2.93965	2.36594	6.01824	5.16319	4.70992	3.06351
15.5812	16.3165	20.899	15.929	21.4977	16.9345
4.00028	3.38298	4.6509	3.35546	5.06408	3.80572
12.0825	11.1066	18.1538	19.2096	22.5965	18.6485
5.11556	4.75637	2.95755	4.44834	3.60921	3.50503
13.567	13.1891	15.4992	15.3121	14.8018	13.9692
13.118	15.0732	9.68813	10.5087	9.07523	10.1191
27.6982	25.8966	23.2543	24.1356	33.0201	34.4258
2.30051	1.91486	2.4608	1.63187	2.40724	1.96687
0	0	0	0	0	0
123.21	151.234	141.268	159.968	127.225	177.992
0.0340863	0.0121642	0.0619766	0.0362744	0.010573	0.00820625
4.20752	4.33937	5.48366	3.04143	4.46321	2.85425
0	0	0	0	0	0
3.11237	2.3175	2.81962	2.11598	2.26112	2.20335
0	0	0	0	0	0

1.78846	2.80768	3.42369	2.27572	2.41524	2.40182
18.1051	13.9895	17.2156	16.1381	27.4351	22.95
8.5354	10.022	7.70761	7.1386	7.77573	8.50313
0.131396	0.163746	0	0	0.284652	0
1.09614	1.78134	1.25987	1.62768	1.47619	1.22772
46.8091	46.1552	46.3571	48.6414	46.7689	46.0971
12.8097	11.6201	13.2416	11.2983	14.8672	12.801
0	0.0061241	0.0123824	0.00497662	0	0
0	0	0	0	0	0
13.8691	15.4302	16.0209	16.3091	18.5669	16.1301
0	0	0	0	0	0
48.7264	43.595	52.6963	52.1842	70.5972	69.2149
0.31634	0.156223	0.348399	0.390427	0.330451	0.351224
0	0	0.0391191	0	0	0
1.69894	1.69031	1.37566	1.67481	1.53116	1.52336
0	0	0	0	0	0
16.8346	17.2148	14.795	14.2685	16.029	16.0933
4.63909	4.86032	4.12403	3.90918	5.30338	3.85694
0.0713904	0.0450795	0.0784919	0.07098	0.146799	0.164528
1.63967	1.58927	1.49192	1.14158	0.986696	1.53165
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
42.5198	52.1693	46.1503	74.6009	66.7263	59.3183
184.064	144.869	86.6634	74.8795	58.9603	72.8085
0.81809	0.805126	1.27002	1.55263	1.27535	0.957142
209.281	185.887	120.165	128.46	72.1059	100.541
15.3583	20.9598	15.9841	23.3458	6.8713	10.1401
7.61123	7.20944	6.03181	5.01749	6.13338	4.37341
8.44975	13.953	7.66605	6.291	5.49339	10.8917
17.2038	19.939	14.2726	12.0246	13.7432	13.268
3.51249	4.03577	4.58215	3.63277	3.93957	2.87969
0	0	0	0	0	0
5.745	4.70942	9.43949	4.87778	7.26395	3.48927
49.3425	53.8945	52.9325	61.2601	58.4048	68.8429
18.0649	16.0933	12.1794	9.1127	8.84077	10.4909
0	0	0	0	0	0
0.0251205	0	0.126593	0.0858582	0.0544201	0.0633574
1.26086	1.57128	0	0	0	0.212004
104.611	109.613	105.725	111.504	97.8772	116.187
17.3233	15.3971	16.3995	14.4472	20.5656	19.5083
0.591902	0.865661	0.85824	0.853355	0.774169	0.488353
0.499491	0.430937	0.822912	1.05058	0.541038	0.807554

0	0	0	0	0	0
3.75261	3.70222	2.56086	3.3846	4.23411	3.02341
0.202245	0.252038	0.398125	0.270225	0.246452	0
3.38531	3.89835	3.99506	4.44267	2.78498	3.74672
14.3313	14.8908	14.116	13.7617	19.0111	19.1837
2.00147	1.99538	2.5936	1.38986	3.07643	1.36215
0	0	0	0	0	0
35.4549	35.5881	32.2828	40.9439	25.2419	28.3983
9.8412	10.268	9.97539	10.7259	10.0239	9.44038
1.60123	1.75578	2.72325	1.66046	2.15726	1.69812
13.06	14.1454	10.8633	9.07943	9.46385	8.56742
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
4.50523	6.63109	4.66708	5.18248	3.90164	5.44836
0	0.218074	0	0.498412	0.0947736	0
319.75	265.719	264.293	244.096	381.987	298.018
2.32548	2.58211	2.66595	3.95523	2.22046	1.72342
67.1652	72.8288	96.7321	100.829	77.5153	97.9071
198.796	161.796	165.379	137.241	235.879	177.542
10.6401	10.6424	11.0509	10.2572	10.4212	8.64018
6.31831	5.57579	7.30414	7.09111	7.61652	6.89933
3.06713	3.32458	3.39275	3.71473	2.63841	2.77372
0.634172	0.556126	0.503202	0.240777	0.788503	0.63174
31.9581	34.8476	31.9853	33.4133	31.8345	28.9566
5.2847	9.82001	22.2134	21.0617	47.7696	62.7792
0	0	0	0	0	0.00782303
7.99123	7.12102	8.93271	7.09335	8.49821	6.78174
0	0	0	0	0	0
0.0644375	0.0160604	0.0324727	0	0.0418784	0.0433387
3.36039	4.38595	4.1835	4.32681	4.07066	3.5815
10.7942	8.30411	10.4571	9.10112	16.5461	8.97651
38.6341	38.9123	41.7258	34.3564	45.6605	38.6338
14.933	12.6454	13.5161	15.8893	11.5479	13.6698
1.73343	1.18156	1.92583	1.23825	2.35967	1.66615
57.6334	54.8685	60.487	57.5414	57.3945	58.9442
0	0	0	0	0	0
19.3923	20.0928	18.4936	21.6414	17.5675	20.8395
4.63708	4.53358	4.51873	4.42997	4.97938	4.7061
1.71191	1.4667	2.15676	1.70656	2.0861	0.899516
9.46922	11.1466	9.62252	12.1249	8.00447	8.5621
97.0914	82.7678	77.5701	77.6629	73.2858	78.9171
32.7912	81.3451	142.75	85.679	196.771	249.018



0	0	0	0	0	0
18.0785	18.6842	17.2267	14.8183	23.4407	22.0385
6.22988	5.57323	6.60498	6.3015	7.07008	5.39378
34.9946	37.0354	37.9688	45.7735	43.5131	50.0186
2.70733	2.52397	4.19195	3.81432	4.8577	3.81375
0	0	0	0	0	0
0	0.0350322	0	0	0.0304495	0
0.27644	0.574164	0.812638	0.157471	0.299434	0.464812
1.34E-14	3.61E-19	1.45E-21	4.54652	1.26E-16	4.77517
18.4942	15.8	21.8524	15.0654	25.9267	18.2292
0	0	0	0	0	0
0.22693	0.282799	0.6589	0.460768	0.132931	0.0886448
0	0	0	0	0	0
2007.8	2972.67	906.396	748.156	38.6407	54.1724
12.9029	12.4857	14.6624	12.473	14.0795	11.6877
0.510387	0.593748	1.5417	0.890975	1.58314	0.857403
0.652386	0.478237	0.754225	0.550881	0.931117	0.567827
0	0	0	0	0	0
0.0252216	0.031425	0	0.028743	0.109251	0.0423977
17.4887	15.8178	17.4875	16.8	18.8146	15.5823
0.17633	0	0.111075	0.100445	0	0.148243
0.888374	0.955137	1.11922	0.873193	0.698117	0.424689
0	0	0	0	0	0
0.475525	0.488118	1.08019	0.817763	0.716931	0.532766
3.8155	3.68204	3.62887	3.70444	4.1492	3.89443
12.8749	14.2003	12.8364	9.88819	11.3663	11.8884
0	0	0	0	0	0
19.9643	23.1679	23.2507	21.5669	21.1667	20.7135
0	0	0	0	0	0
8.69713	8.54273	9.57479	8.78461	8.59189	7.82801
208.817	250.971	156.836	260.21	236.371	231.472
0.000719328	8.42E-06	1.85567	0.000145156	0.341458	0.000437403
0.0497313	0.12395	0.125308	0.075544	0.0897798	0.0975559
26.1284	27.4395	24.1244	24.588	27.5433	26.6706
154.805	32.153	65.0107	29.3945	111.788	0
0	0	0	0	0	0
0	0	0	0.0610684	0	0.0450642
2.69187	4.64484	1.30437	1.29749	1.45789	1.47971
0	0	0	0	0	0
434.646	504.15	351.952	461.161	328.397	452.974
360.652	415.622	340.995	347.981	240.004	304.269
186.799	179.455	214.153	171.773	238.829	224.872
0	0	0	0	0	0

6.72441	7.62102	4.92663	6.62011	5.10654	5.46895
24.4645	22.3074	29.1283	20.999	30.8333	29.7302
0.428716	0.66376	1.03063	1.25079	0.77793	1.00293
20.3413	21.785	20.4506	22.7246	21.2588	19.5237
1.07453	1.19835	0.925575	0.515074	0.919298	0.998327
0	0	0.032911	0	0	0.0219618
19.5708	28.4001	14.599	19.8027	16.5961	19.9172
20.0687	18.4542	19.7122	19.9883	13.2302	16.7255
12.5799	12.4031	13.7393	13.4128	13.8955	12.702
0.380978	0.431613	0.261805	0.276208	0.187576	0.291175
30.782	31.6226	37.4367	29.1876	34.211	33.5656
26.365	25.61	27.1282	29.1686	24.6075	26.6506
0	0	0	0	0	0
0	0	0	0	0	0
4.73139	4.43451	6.84088	4.66967	7.52325	3.71181
0.0655821	0.0272428	0.0275413	0.0249055	0.023679	0.0183785
0.121849	0	0.153512	0.50901	0.131985	0.10244
20.2206	19.146	25.5448	20.9946	25.4332	18.8512
4.56175	4.55024	3.44758	3.62622	4.23593	4.49373
8.35693	7.86394	9.26617	8.03934	9.74482	8.28038
20.3942	18.7215	19.3496	23.0436	17.2725	15.0289
0	0	0	0	0	0
121.764	136.792	99.5441	115.075	83.7397	111.488
0	0	0	0	0	0
1.59737	1.39841	3.79164	2.4223	1.75811	1.78776
10.4127	9.98175	9.43431	8.64153	11.4653	10.6437
12.5653	17.0214	10.8475	11.8294	5.64856	9.91756
0	0	0	0	0	0.125655
26.9924	27.6733	23.9381	25.2277	27.2808	29.2534
0.467806	0	0.392912	0	0.675624	0
0.134428	0.104167	0.172625	0.0665082	0.218154	0.116834
5.76382	5.14838	6.98162	4.95984	6.57728	4.80759
9.84062	10.3325	11.2823	9.45125	11.8716	12.3534
1.1973	0.747153	1.22842	0.594351	1.34882	0.341316
697.407	692.221	767.351	718.337	617.867	613.142
1.78869	1.91062	3.86312	0.291117	0.553563	1.28895
39.0216	36.3952	35.5753	33.5617	46.3071	47.3377
2.9579	1.75339	1.90891	0.883903	3.47742	1.88027
6.69022	8.06825	8.892	7.33337	9.6036	8.30676
4.94227	5.62559	4.31445	4.78826	5.35336	6.01988
0.0727319	0.354334	0.425073	0.780031	0.276474	0.263184
3.4604	4.63152	3.78141	3.37759	4.20709	3.82269
9.72415	9.21435	10.6371	9.01589	11.0656	8.12439

111.641	118.65	117.175	127.304	103.225	128.02
381.126	388.469	392.483	401.403	420.401	430.595
0.0712387	0.0887775	0	0.0405805	0	0
6.6164	8.73469	5.8622	4.63014	9.59112	8.41801
1422.93	1651.72	1177.34	1347.59	1319.18	1757.22
22.7451	29.2449	22.2551	28.268	21.8226	30.8884
60.5415	67.6473	64.2519	57.1107	52.0935	62.522
0.162695	0.152063	0.563674	0.139017	0.484627	0.102585
49.813	49.8263	47.1964	49.9353	42.8592	50.4022
3.91504	4.22672	3.96872	3.32519	3.47758	2.89374
82.4055	90.2488	82.9164	91.8675	71.459	91.3917
4.98957	5.26049	7.85215	5.6152	6.95986	4.98527
9.32299	9.66778	10.824	11.4743	10.5592	8.42436
12.6696	12.6248	15.6299	16.8177	22.3107	18.8799
2.90886	3.95688	5.88422	4.85432	4.5709	4.30548
2.16172	1.87552	4.34374	1.58992	3.94208	2.92162
9.5896	9.01387	10.7383	9.93143	11.8308	10.6493
70.3499	62.4177	59.4988	54.7588	48.3451	40.1678
0.808626	0.839757	0.792361	0.511807	0.827226	0.868661
0	0.146386	0	0	0	0
29.6717	32.7282	25.0436	29.7907	28.8138	31.9018
0.113193	0.359054	0.222923	0.272675	0.272104	0.179823
0	0	0	0	0	0
15.1433	18.9321	10.6057	16.5369	12.7861	9.25014
30.7406	24.9551	27.4609	21.3722	33.8764	32.0626
0	0	0	0.00603653	0	5.92E-05
0.100142	0.253006	0.170638	0.1288	0.14634	0.163059
0.130979	0.0816126	0.37257	0.448513	0.177342	0.193849
19.6673	16.0122	27.109	21.9772	26.6847	16.621
0	0	0	0	0.0317595	0
0	0	0	0	0	0
7.12258	7.90532	7.57131	6.76747	6.6301	7.49674
0.201986	0	0.127236	2.64636	0.218787	0.509435
0	0	0	0	0	0
13.6847	13.8599	16.5903	19.456	14.1142	12.5493
0	0	0	0	0	0
37.2114	39.3506	33.6739	43.3633	42.0417	49.3752
0	0	0	0	0	0
6.92969	6.08089	7.88454	7.2529	7.75284	6.06778
0.075165	0.062447	0.0946969	0.0856341	0.0542781	0.0842561
14.8081	15.2424	14.772	13.4217	15.2316	14.8462
0.178398	0.289016	0.0224756	0.26422	0.193237	0.0899889
0	0	0	0	0	0

7.08054	7.41616	7.62486	6.33815	7.6695	6.91646
0	0	0	0	0	0
0.664847	0.479676	0.352678	0.797315	1.06127	1.00022
34.1784	34.315	35.9862	34.2448	34.4774	32.514
6.75853	5.28559	8.06172	7.21666	9.56784	7.78268
0.207584	0.469476	0.47462	0.0525549	0.0499668	0.0387819
0.623612	0.73323	0.607775	0.402153	1.09611	1.15737
7.91326	6.11729	9.80962	7.37627	9.2132	7.86237
31.8514	30.9432	26.0298	21.5673	28.2113	20.9848
3.87248	4.03631	3.94643	3.511	3.72243	3.19598
21.5529	25.455	21.373	23.0452	26.1225	27.7821
45.8104	52.3612	42.8632	43.4174	44.2293	47.6637
35.9236	39.3137	12.0866	14.8258	12.781	24.4613
0.561322	0.505902	0.494842	0.205555	0.697974	0.269663
0.104995	0.0675848	0	0.00988521	0.0587438	0.0518613
11.7413	9.87503	10.205	9.02827	12.5842	12.4241
33.7649	35.0541	36.5705	37.3436	36.4548	37.1106
1.57983	1.49948	1.72421	1.01505	1.56201	1.59073
0	0	0	0	0	0
38.3669	38.8754	39.2151	33.463	34.4978	31.1657
2.80913	2.31071	3.25287	2.64734	2.74717	2.19493
1.35562	1.35566	2.69887	1.9639	4.27823	3.12357
17.5664	13.8718	20.1328	10.9161	22.7934	15.6399
0	0	0	0	0	0
9.23199	11.633	9.6728	9.1817	11.7527	9.19765
0	0	0	0	0	0
30.4205	31.1496	27.3418	27.6807	21.3477	20.7973
0	0	0	0	0	0
0.110267	0.0458047	0	0	0.27869	0.185405
10.8871	12.9261	11.8679	13.4005	11.291	11.2951
53.8557	46.9211	51.7923	46.2091	42.1069	40.9827
0.781248	0.785287	1.42741	1.01769	1.46342	1.06173
0	0	0	0	0	0
13.9338	18.6002	18.2788	17.912	12.9158	22.2079
21.0505	23.2688	27.2295	27.3336	26.7079	25.4602
3.66604	3.55532	3.50613	3.33541	4.35495	3.3669
14.5528	12.3446	16.5734	10.6786	20.3013	17.6262
6.47737	5.72231	4.7325	6.69382	5.00685	3.63659
2.27084	1.43707	2.72682	2.44565	2.55581	1.77489
6.96598	6.66576	7.83582	5.99941	10.1055	8.61028
0	0.0246941	0	0.0225755	0	0
92.6798	118.68	125.242	116.14	121.109	158.872
1.05819	1.03204	1.50706	0.655206	1.22096	0.831614

5.25394	5.21253	5.01259	11.9714	5.30419	6.26106
1.0156	1.75242	1.27951	1.06805	1.43856	0.853825
0	0	0	0	0	0
0.527377	5.14879	0.442946	41.7578	0.856866	6.28111
8.04493	7.38775	12.3173	9.39311	10.3816	7.43546
8.60346	9.56704	11.3483	9.27451	11.5921	10.8213
0.977972	0.421514	0.882064	0.383849	1.08806	0.658962
0	0	0.0853461	0	0.0733777	0.0569522
0	0	0	0	0	0
0	0	0.222833	0	0	0
8.38072	9.21933	8.73568	8.98819	8.10203	7.66543
315.787	353.185	294.228	330.576	233.521	308.701
9.49501	9.41753	8.90531	8.56951	6.5368	6.57205
0.548186	0.683148	0.644592	0.957626	1.1084	0.399417
2.14971	2.17213	3.56839	2.234	4.35811	4.0786
20.954	20.6516	16.6096	21.649	18.1895	23.6225
0.25062	0.485124	0.438535	2.34667	0.0603258	0.428089
1.16793	1.77506	0.500116	0.912089	0.596052	0.763585
7.30169	6.23822	5.54792	5.05985	7.7256	8.08463
24.4238	25.4136	23.9993	25.5295	23.8732	26.5641
45.4094	46.4	42.2125	37.642	37.1427	38.3368
2.22721	1.44048	1.05068	2.51938	2.04753	1.40613
0	0.106764	0.107934	0.0650693	0.061865	0.168058
0	0	0	0	0	0
0.215887	0	0.0679966	0.122978	0.52615	0.226874
0.0874957	12.8666	0.440927	144.171	0.379094	8.04272
2.10524	1.23761	2.52257	1.74563	2.12194	1.84026
0.949853	0.591949	0.598528	0.360872	0.685945	0.133098
23.8219	24.8928	28.8723	27.058	30.3505	29.4621
0	0	0	0	0	0
2.49732	2.04114	1.46924	1.02589	3.00049	1.8025
0.0322678	0	0.691096	0.220573	0.38447	0.189896
0.0225001	0	0.11339	0	0.0974886	0
2.83967	3.08522	1.8758	2.7024	2.92498	2.59113
0.769341	0.733664	0.571209	0.67072	0.71104	0.570856
0	0.160399	0.283774	0.073319	0	0
4.2149	4.38985	4.59187	4.89475	4.58755	3.69758
132.463	127.471	129.944	113.287	103.838	101.391
11.6308	13.2762	9.8508	12.1372	13.551	13.7222
0.207384	0.161526	0	0	0.112317	0.0217938
0.180706	0.0750652	0	0	0.0652456	0.0506405
0	0	0	0.234081	0.890216	0
0	0	0	0	0	0

5.00697	5.51808	5.32108	5.74316	5.93997	4.81077
1.53098	1.00795	1.74685	1.31639	1.59575	1.57854
0.187096	0	0.0589284	0.2398	0.126662	0.0393235
1.85994	1.475	2.98232	2.119	2.5641	1.4926
29.7657	31.8847	36.6524	36.8678	38.8031	43.3924
0	0.0782542	0.0527411	0.0238468	0.0680175	0
13.6482	13.866	13.3624	11.354	14.0031	8.51313
8454.19	3926.53	2127.36	1840.58	3111.04	1852.03
2.66704	2.83214	4.85082	6.07703	4.964	4.40548
0	0	0	0	0	0
0	0	0	0.0285571	0	0
0.132637	0.082646	0.0417758	0.0377778	0.0359174	0.11151
2.66071	2.74847	3.37188	1.90462	4.02974	2.01914
22.8041	25.0673	15.4899	27.4673	19.4298	19.4569
20.4609	20.7758	18.9083	15.1419	18.9144	17.9237
2.57805	2.1767	2.72906	2.07685	3.46996	2.23152
1.20198	1.21907	1.1268	1.13847	2.26461	1.90822
0	0	0	0	0	0
0.9421	0.915064	0.96	0.915478	0.960436	0.640616
3.15691	2.47766	2.45574	1.59815	4.23917	1.86797
168.57	141.279	159.057	157.481	148.903	131.205
41.2968	40.0111	28.9162	29.0036	24.6767	32.2122
24.5217	26.7309	21.6632	21.8172	20.2175	21.2345
5.79781	3.21121	9.94209	4.77053	9.59455	7.10834
0	0	0.0296447	0	0.0254875	0.0197822
0.601203	1.16545	0.841587	1.36988	0.506497	0.673918
7.75879	8.44268	5.79344	6.18762	7.39976	5.3138
7.99905	8.96584	8.22428	9.87262	6.84688	8.63802
17.1172	15.9774	17.4421	14.2737	21.3017	14.5893
0	0	0	0	0	0
0	0	0	0	0	0
92.9684	100.82	119.682	126.34	103.465	112.925
0	0	0	0	0	0
10.6741	10.3475	11.2443	9.18604	13.637	11.0625
2.57806	2.82334	2.16532	1.86909	2.70788	1.77333
3.00995	3.58611	3.30593	2.92674	3.10506	3.50377
2.84595	2.00279	0.906915	0.59125	0.417067	0.422227
0.0209087	0.0260563	0.0526837	0.0238209	0.0452957	0.0351563
33.8065	36.1795	33.7018	33.5237	34.8564	30.078
15.7645	15.9037	12.484	13.0853	17.4824	14.8312
0.0909622	0.134893	0.165135	0.242194	0.224154	0.13009
0.141681	0.0782007	0.276702	0.160856	0.169928	0.171457
0.0513262	0.0426418	0.0215545	0.0974585	0	0

3.79823	3.73246	3.76282	3.85068	3.14452	3.27762
4.941	5.43068	5.84226	5.4354	7.36118	5.19585
0	0	0	0	0	0
3.89333	3.5152	5.05824	3.94346	7.05315	6.20188
12.0535	8.99641	15.5188	11.6318	18.7731	16.2281
6.57443	7.18326	6.65874	6.1054	6.50291	7.09092
1.51755	1.00862	1.65697	1.4984	3.61632	2.38154
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.36682	2.26235	6.94465	5.56548	3.93289	2.55296
22.2801	20.8532	25.2509	16.5479	25.0606	19.2331
8.76316	9.4769	9.84272	9.5776	9.78167	7.44222
11.8388	10.0726	10.2766	8.43162	10.5811	9.8384
4.66353	5.95006	1.85354	2.46679	1.20272	1.63362
0	0	0	0	0.0418978	0
12.0308	11.741	13.8141	11.6934	13.8059	11.0008
0.431562	0.361457	0.461533	0.425791	0.876157	1.5428
1.07309	1.08256	0.836914	0.93147	1.49445	1.63248
0	0	0	0	0	0.198612
23.3545	24.3464	25.6877	24.7564	25.4731	22.571
0.0244386	0	0	0	0	0.0205458
8.79779	8.30947	4.58218	5.20771	6.07219	7.21133
27.4653	29.2491	28.8825	30.8766	28.5342	30.4088
19.1976	21.4761	18.3494	19.4897	18.2377	22.0799
0	0	0	0	0	0
0.682907	0.453887	0.745648	0.363078	1.18354	1.07171
7.13446	6.42903	6.55424	6.81576	6.32086	7.50045
0	0	0	0	0	0
85.5041	95.0451	104.708	103.264	87.3738	116.055
1.06191	0.712352	0.906004	0.840305	1.11849	0.821615
0	0	0	0	0	0
0	0	0	0	0	0
1.34534	1.32732	0.84075	1.2023	1.44533	1.35706
15.5938	15.0875	15.006	13.6145	12.2651	13.5381
4.80604	5.3027	4.43615	3.69	3.55493	3.20138
0	0.0784899	0.198375	0.071756	0.102334	0.0264755
8.97473	9.22705	10.4942	9.64962	9.76682	8.38221
6.20255	5.69978	6.01314	5.10212	6.98185	5.53862
0.326518	0.162763	0.493639	0.260398	0.389046	0.192156
0	0	0.0266315	0	0.0228969	0
73.0424	71.3887	76.4708	68.027	64.7639	75.4759
0.450158	0.41249	0.41701	0.256428	0.272483	0.200357

4.88594	4.69294	8.44904	5.96239	6.68796	4.3124
1.13451	1.17008	1.25411	0.720981	1.11422	1.38485
175.833	170.442	159.77	190.83	204.406	189.669
15.3043	16.6523	16.6921	15.1372	16.0691	14.7918
2.48652	2.20052	3.06455	2.36755	3.41547	2.94379
0.643768	0.320905	0.162211	0.733434	0.41839	0.974203
0.0805227	0.200695	0.0338156	0	0	0.0451309
0.370736	0.372589	0.150669	0.163499	0.142494	0.080434
0	0	0	0	0	0
15.5445	13.8202	13.5269	11.3568	13.3957	13.0946
92.4474	83.1562	86.8448	86.3939	68.1879	80.2272
0.0798554	0	0	0	0.0864978	0
0	0.042247	0.227785	0.0386217	0.229502	0
482.363	630.779	413.38	436.15	384.79	361.077
18.0332	15.5684	18.7042	13.1833	18.5044	14.6834
43.1423	41.1732	43.2436	43.6407	42.438	43.7517
43.6529	43.6186	42.0158	41.5163	38.8769	46.7421
5.9798	5.45636	6.05392	6.39279	5.83788	5.20388
39.4065	49.29	34.8384	31.2132	35.1527	32.3695
23.4267	24.9512	18.1673	20.0774	19.7901	21.2819
13.9544	15.5167	13.3054	14.3009	13.7524	15.9968
0	0	0	0	0	0
0	0	0	0	0	0
0.226876	0.157074	0.158795	0.172317	0.327664	0.105965
0	0	0	0	0	0
19.7428	20.465	18.7583	18.6469	20.1992	23.7619
0	0	0	0	0	0
6.74289	7.25489	7.97646	7.19076	7.04897	5.77594
0	0	0	0	0	0
21.0832	21.6591	22.4754	22.8496	24.6522	22.2016
37.6624	34.3705	36.5254	41.0958	35.0193	35.1479
5.8276	4.87581	3.85072	3.61946	3.9289	2.8575
23.0146	21.1658	25.8815	28.4373	33.0966	34.3723
0	0.0916405	0	0	0.159305	0.185468
0	0	0.0726228	0	0	0
0.149399	0.0744598	0.150598	0.0340316	0.0323542	0.226045
21.4218	22.1827	20.8149	19.4291	21.5772	21.5444
0	0	0	0	0	0
251.486	268.335	240.698	237.83	181.141	211.776
64.331	61.8349	62.8685	59.9395	57.7716	57.7117
0	0	0	0	0	0
0.355315	0.265676	0.447645	0.647686	0.423357	0.17923
3.91233	3.84357	2.23063	1.62673	2.28911	2.28079



0.0876288	0	0	0	0	0
0	0	0	0	0	0
10.744	9.92719	11.6372	9.18471	11.1955	8.47197
1.46168	1.09293	0.491069	0.166527	1.16106	0.573466
0	0	0	0	0	0
4.18092	3.7508	3.82141	3.60246	4.83313	3.15065
0.902572	0.708198	1.68461	0.457016	1.44837	0.927427
29.7475	15.6396	18.6324	12.3241	21.0541	14.9913
0	0	0	0	0.0977406	0
0.798878	0.758523	0.718907	0.476744	0.288443	0.28784
0.0221101	0.0275536	0.0139278	0.0503794	0.0598731	0.0371765
8.82628	10.1096	9.32103	8.61383	8.75202	8.97536
27.2701	27.7668	28.9983	28.821	29.8854	26.313
0	0	0	0	0	0
0.0777645	0.048455	0.220437	0.243638	0.168466	0.130755
16.534	15.0796	16.0794	13.0536	15.1956	13.4813
7.51045	8.19229	2.99074	0.534227	0	0.197111
0.980792	1.37041	1.34799	1.25284	1.44869	1.29931
0.558797	1.53612	0.890357	1.16091	0.712092	0.497422
57.446	60.0785	62.7665	54.6687	62.0915	75.7782
23.7878	24.5886	22.8165	22.4964	26.4309	30.5408
9.19512	13.0903	10.3408	8.29333	11.0701	11.0753
33.5533	32.4907	35.6364	32.5479	41.3861	39.7424
0	0	0	0.0389202	0.0370036	0.0287204
0.306887	0.382442	0.386633	0	0.166207	0
0.37426	0.416847	0.331802	0.276524	0.308094	0.119741
0.843065	0.745606	1.02788	1.39426	2.59228	1.23464
5.14E-05	0.626538	0.132843	0.390984	1.04E-05	1.22364
0.0328942	0	0	0.0374758	0	0
1.26966	1.4384	1.94858	1.4991	1.95038	1.96016
0.0563643	0.0702411	0.189362	0.0856199	0.162807	0.0157954
3.00524	4.68141	10.7669	8.55955	4.7811	3.94773
0	0	0	0	0	0
5.20989	4.97256	7.28812	4.58565	8.26669	7.13401
0	0	0	0	0	0
13.2546	13.4162	10.3991	11.0634	11.8887	12.5669
4.43681	4.67712	4.54847	3.85733	5.24641	3.59108
3.89616	4.17684	4.16163	4.05284	4.3513	4.89297
0	0	0	0	0	0
22.1987	21.7342	18.1621	15.9645	24.1325	17.9677
6.30814	6.04256	5.78864	5.16546	6.64379	5.7776
9.34303	8.78821	11.1102	9.04514	9.38325	14.2182
0.801712	1.66333	0.538332	0.667906	0.868238	0.671368

8.64327	7.79857	7.20501	6.32217	7.01625	8.18949
30.6163	29.2717	31.8269	28.5031	30.5895	28.1749
6.72085	7.56715	5.19842	4.94725	6.10886	5.2413
0.0322678	0.0804242	0.243916	0.441146	0.0349518	0.108512
28.1283	30.3115	22.4487	26.039	20.072	23.558
42.1454	49.8253	40.7222	62.1145	32.0119	37.1783
3.57E-107	0	0	0	0	0
2.93104	2.69143	1.55481	1.93327	1.83807	2.59385
0	0	0	0	0	0
0.715821	1.18663	1.7966	0.849712	3.44642	1.31849
5.91347	5.91408	5.82552	5.84643	6.0619	4.41701
0.997798	0.771799	0.953647	0.783982	1.26714	1.2149
0.316131	0	0	0	0.0570711	0.132887
23.4766	21.8312	15.977	22.1189	12.769	14.9381
0.639706	0.532113	0.749341	0.34962	1.1863	0.318264
10.6435	10.8357	13.0672	11.0585	12.1899	8.70612
8.16336	7.85564	8.00281	6.29767	7.67198	6.29066
0	0	0	0	0	0
4.37146	4.21272	6.11104	6.35424	8.20915	9.04321
0.326194	0.338752	0.445203	0.619379	0.647765	1.02838
9.28832	9.03535	9.08767	8.21796	9.68631	7.12346
2.67246	2.89954	3.69037	3.14911	5.38093	3.79084
13.634	12.5143	14.7655	10.7013	13.8592	10.4152
5.10136	5.80046	5.5591	5.91795	5.94919	4.88357
0	0	0	0	0	0
50.2043	47.9393	44.4676	35.7941	52.5507	46.4183
25.9567	23.493	27.0877	21.6467	30.5158	22.9772
0	0	0	0	0	0
16.2954	17.5179	13.7618	12.5468	11.9289	18.4629
2.82387	2.79167	3.2525	2.5639	4.43555	2.90559
0	0	0	0	0	0
0	0	0	0	0	0
5.7778	6.48888	6.90869	6.20809	7.38266	5.66705
0.0151425	0	0	0	0	0.00636524
175.785	94.721	109.081	106.055	185.121	114.074
0.24781	109.528	0.936613	795.405	2.7737	37.5701
13.0156	11.3785	12.9556	10.9933	12.6997	10.5256
256.158	258.579	289.095	262.079	203.198	215.059
11.1093	12.0554	12.0555	12.7878	10.9233	10.8686
36.4261	39.0256	36.7774	31.2773	33.1902	31.2763
1.66644	1.653	1.15714	1.33688	1.08692	1.2009
2.23627	1.39316	2.39883	1.0982	5.94302	2.96451
0.74376	0.529642	1.20475	0.242101	1.0358	0.580625

8.47348	7.67415	8.87543	9.76594	6.51019	8.65619
4.70228	4.1934	8.96966	7.29804	2.76821	4.2657
9.25338	9.93726	9.2918	9.25971	8.86001	8.51219
0.0794919	0.0242602	0.261884	0.19961	0.0210867	0.0163665
0	0	0	0	0	0
6.07669	7.71564	8.06019	5.85195	7.40181	4.89668
1.27068	1.5014	3.20174	1.601	1.9559	1.79965
0	0	0	0	0	0
0.0194411	0.0726825	0.024493	0	0.0842329	0.0163444
27.8773	28.9984	30.4357	27.373	25.6685	21.6382
1.4217	1.53314	1.22517	1.07612	1.70303	1.23024
16.7551	16.9522	17.9321	17.6902	15.9565	14.2535
1.8141	1.17026	2.01662	1.87226	1.84941	1.91988
3.71128	0	0	0	0	0
0.350068	0.383603	0.326974	0.460713	0.281121	0.253712
0.10868	0.0338592	0.0342302	0.123817	0.02943	0.0913686
0	0	0	0	0	0
6.1512	5.5858	5.43675	4.91644	6.24966	5.41192
7.82557	7.72316	7.22784	7.2548	5.71563	5.85521
0	0	0	0	0	0
24.4711	24.3967	25.3191	21.3627	28.859	26.1793
14.0681	13.7682	15.1007	17.6731	12.7189	13.1046
3.08624	2.76437	2.52127	2.33491	2.37663	2.71627
0.0309622	3.77E-150	5.96E-19	1.00E-38	0.0341069	0.0386613
1.3355	0.936171	2.73413	1.52152	2.03427	0.947341
15.1724	14.4713	10.9612	9.23453	12.5206	10.5687
1.42426	0.989853	1.31126	1.373	1.7504	0.967124
0	0	0	0	0	0
15.838	15.3573	14.3227	14.9948	14.7522	13.3871
0.292848	0	0	0	0.47581	0
0.575384	0.717043	0.801205	0.655525	0.656046	0.738328
16.5133	18.2401	16.5121	14.5268	17.0332	15.8339
1.09	1.21995	3.54081	2.64437	3.08823	1.67982
11.4788	10.9461	12.9355	11.8193	12.7811	12.4677
0.27282	0.251843	0	0.269808	0.0410433	0.127424
0.00898875	0	0	0	0	0
4.09845	3.58287	3.94189	3.18018	5.32603	4.40716
29.6155	29.7599	30.2366	30.0833	24.4486	28.5049
10.7716	6.60755	10.1682	7.56776	13.4407	9.86861
14.6384	20.8933	20.7261	19.0186	18.2057	15.1507
4.50672	4.28036	6.28418	4.73564	6.25602	5.99595
35.5274	38.102	34.8843	35.0134	33.5598	39.1974
1.19073	1.02017	1.0626	1.13048	1.23603	0.938494

0	0	0	0	0	0
4.40703	7.05443	4.59494	6.7089	3.16869	3.48147
3.88116	3.86346	3.60764	2.7501	2.92229	2.4671
0.420108	0.397889	0.254052	0.287173	1.27415	0.875912
13.2003	16.7645	14.8297	12.3088	15.2091	16.1516
0	84.8911	85.8213	155.216	0	57.2693
1.56648	1.56172	1.10518	1.78466	1.69678	1.84374
51.9652	50.8566	45.5878	38.7807	38.7817	35.832
0	0	0	0	0	0
21.2315	27.4628	27.4628	26.0809	22.2422	26.5145
2.67047	3.42769	3.33068	2.61642	4.36772	4.37783
0	0	0	0.0390824	0	0
26.9131	29.4524	26.8783	29.8027	26.2393	29.9464
301.517	380.944	464.873	510.605	461.382	647.801
0	4.93972	0	0	0	1.59695
0.115923	0.171215	0.392702	0.0293481	0.200905	0.369619
34.7853	35.8613	33.0614	36.7896	27.1854	35.0177
148.486	184.893	233.839	289.156	258.021	336.686
24.1259	23.0212	29.1986	20.7365	27.3907	20.2226
0.218038	0	0.137348	0	0.236175	0.0916537
5.48027	5.11898	5.45481	4.93277	6.23128	6.04128
15.6644	15.7044	17.4766	19.6965	19.9599	19.7623
0.118656	0.0591477	0.388673	0.446104	0.154231	0.209487
40.4604	43.9006	40.4025	32.0786	31.722	31.7238
18.9966	17.3459	19.9076	19.1323	17.0537	18.1885
13.5222	12.6947	14.2421	12.838	15.311	13.7481
3.59685	3.45481	4.56733	2.98024	3.75744	3.77691
0	0	0	0	0	0
0.213716	0.221944	0.224376	0.162322	0.115746	0.0898368
8.04216	8.4558	9.54856	9.60372	11.219	8.15151
32.2675	34.5376	30.9598	32.1511	30.6828	33.0108
0	0	0	0	0	0
0.143769	0	0.45282	0	0.155728	0
0	0	0	0	0	0
14.2425	13.6237	17.1969	13.6189	14.3427	11.7334
0.323609	0.316863	0.116486	0.447685	0.275413	0.116598
20.6878	21.5734	23.55	18.1075	26.1072	21.9201
0	0	0	0	0	0
0.00681533	0.0468087	0.0473216	0	0.0406855	0.026644
0.525555	1.1789	0.496592	1.16757	0.284635	0.243012
7.80582	6.87902	6.37231	5.97025	7.52004	8.40239
5.44566	5.57623	5.10765	3.59243	5.46483	4.31728
0.131277	0.0817986	0.0413475	0.224342	0.213295	0.165549

0	0	0	0	0	0
0	0.0352401	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.24153	3.16495	3.90939	2.69051	4.82515	6.95699
4.94463	1.99359	2.44295	1.49118	2.73047	1.14114
0	0	0	0.242663	0.230713	0
0.0498613	0.0621371	0.188454	0.0568061	0.0540087	0.083838
0.308311	0.384217	0.29132	0.175627	0.584423	0.194401
0.159155	0	0.175597	0.133979	0.608202	0.280257
11.3466	11.3428	14.5857	13.5401	13.4562	10.7737
25.7093	22.4848	20.7704	24.0364	18.2947	17.9795
111.808	126.849	89.5742	186.577	38.8314	61.06
0.638496	0.795692	4.16506	2.66723	0.414963	0.799222
7.12146	6.62476	7.76921	6.9112	6.10631	5.74565
13.56	13.7631	16.8778	15.8209	14.6702	17.1001
6.54734	6.67278	3.94067	4.34873	5.16822	5.77185
0.0943525	0.106664	0.022285	0.0806169	0.137973	0.0793233
29.2351	28.3096	23.2152	23.5482	27.171	29.9881
8.97259	8.35904	10.876	12.6575	12.0288	9.4312
20.2058	21.5581	22.3492	27.2749	29.9007	22.2004
13.3896	11.6461	20.1794	20.5649	13.4638	15.3269
5.01864	4.88218	4.58891	3.64801	4.75037	4.31179
0.80537	1.2231	0.491893	0.931874	0.899608	0.751105
1.01477	1.22099	1.19029	1.43517	1.97093	1.47091
9.23355	8.75543	9.57371	7.6143	12.4487	8.89228
0	0	0	0	0	0
0	0	0	0	0	0
7.53895	8.94988	6.11092	7.49663	5.35578	5.8323
0.0254535	0.0317201	0.096203	0	0.0275707	0.106995
1.10444	1.24198	0.42153	0.3143	2.04602	1.23973
0.566284	1.58354	0.468218	7.39083	0.726617	0.758962
0	0	0	0	0	0
75.8713	70.8155	83.5678	88.7624	83.4423	103.218
0	0	0	0	0	0
0.0375346	0	0	0	0	0
0.259362	0.142827	0.503179	0.140669	0.581165	0.736764
29.9263	30.6006	28.6837	24.298	26.3018	29.0767
0.741281	0.855355	0.484248	0.875808	0.594771	0.507796
0.208417	0.130699	0.131039	0.157998	0.337989	0.160313
0.978133	1.46948	28.3292	16.9623	5.29282	8.16117
0.676007	0.383596	0.703462	0.396438	0.252267	0.294626
6.57828	3.03934	5.15847	4.92679	6.62723	5.14374

46.0134	48.3548	44.2095	50.5907	38.3276	38.3085
0.0595105	0.0741619	0	0.118649	0.273957	0.11257
0.0232075	0.0289211	0	0	0.0251379	0.0195108
5.49E-09	6.91E-10	0.140778	1.10E-10	8.02E-10	0.081054
0.683051	12.9386	0.344218	125.6	1.03581	8.21176
8.71977	9.36657	10.657	9.8728	9.67776	7.92199
0	0	0	0	0	0
0	0	0	0	0	0
81.7191	69.6245	74.3243	68.0147	82.9981	80.9277
0	0	0	0	0	0
0	0	0	0	0	0
0.415295	0.676783	0.643952	1.09186	1.07269	1.23543
0.445118	0.277353	0.630881	0.316947	1.26562	0.140331
6.13388	2.73001	3.00526	2.16302	3.11113	1.51431
0	0	0	0	0	0
0	0	0	0	0	0
17.9343	16.8808	18.6117	17.2365	20.6665	18.7981
0.13477	0.13436	0.203748	0.0921244	0.0291959	0.113302
0.283957	0.566188	0.858588	0.711717	0.738184	1.14589
3.69719	3.31608	3.14289	2.76923	4.47587	3.57075
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.00820288	0	0.120879	0.0069779	0.029025	0
4.47689	4.34651	3.90225	3.5288	5.21579	4.42025
32.2364	41.247	47.1255	41.5276	36.9923	37.8138
10.5563	9.47393	9.68604	10.9865	7.4971	9.38833
12.4576	10.9682	10.4264	11.3991	9.36744	9.88428
13.911	12.2507	12.1512	12.9958	10.849	11.0714
2.0851	2.45176	2.16085	2.49046	2.83227	1.81658
1.68516	1.54314	1.8377	1.73514	1.35418	1.1677
0	0	0	0	0	0
0.245264	0.211602	0.202036	0.204195	0.316754	0.222058
0.0305975	0	0	0.0348592	0	0.0514474
0	0	0	0	0	0
10.395	9.84083	12.2198	10.7825	11.3233	9.75233
41.6509	40.9448	43.3683	38.1134	46.8616	39.0359
35.6245	37.2461	41.491	37.9237	37.437	34.7729
0.627434	0.547335	0.474285	0.357412	0.611661	0.342869
10.1696	8.82862	12.2844	11.2172	11.8406	8.98199
4.21809	6.80196	4.10116	10.8044	3.68391	3.52768
12.4607	13.0058	14.9833	12.5337	16.1035	14.9312
14.1888	13.8302	23.3097	19.2928	23.8215	21.8284

10.6966	9.30948	14.8739	10.7113	19.8603	14.5049
0.12744	0.105877	0.124876	0.104859	0.115033	0.101188
0	0	0	0	0	0
16.4655	18.0214	13.9198	13.7224	23.6957	17.5386
0.839507	1.52905	0.488149	0.956435	1.04923	0.615298
8.8681	7.32757	15.2529	12.8927	16.3715	14.7003
90.7876	100.428	99.6884	109.557	85.915	100.203
0	0	0	0	0	0
3.31211	2.97184	3.21304	2.98101	2.04494	2.45039
0	0	0	0	0	0
0.284053	0.252893	0.25201	0.185017	0.212013	0.0796483
4.53623	5.06685	5.75592	5.57945	5.92524	4.83218
3.60251	3.54097	1.59811	2.25446	2.80296	3.19945
0	0	0	0	0	0
0.0206095	0	0	0.02348	0.0223238	0
3.86448	4.66618	4.82492	3.68873	4.7044	4.24403
70.2212	68.4147	51.0057	63.5593	41.1154	57.5961
0	0	0	0	0	0
0.155204	0.331568	0.391068	0.429422	0.0960649	0.0932012
5.73414	5.73644	3.90359	2.77083	5.24127	3.66062
7.01826	6.98874	6.19765	5.97815	6.28766	4.61825
0.141441	0.176264	0	0	0	0
38.3733	39.3854	42.4936	44.2722	37.3103	40.1394
2.2637	2.28838	2.53284	1.51494	2.53773	1.63695
0	0	0	0	0	0
131.287	116.727	72.4843	63.8703	69.6308	68.0081
76.7186	91.6511	82.9977	101.435	70.0834	93.7093
5.9939	3.84301	6.1021	5.72102	7.10568	5.2537
0.268115	0.227921	0.233533	0.0823167	0.687193	0.463289
0	0	0	0	0	0
5.88259	6.20767	6.8715	5.17592	7.82012	6.0804
29.867	29.0878	29.505	28.1896	34.312	40.0884
0	0	0	0	0	0
2.7373	1.50881	0.464234	0.779639	1.02634	1.77021
25.344	27.3531	32.2073	26.645	26.9193	21.8741
16.8833	14.2252	13.0319	13.3694	11.0023	11.5787
50.6192	54.1757	40.7645	41.1979	35.5857	53.2924
3.04745	3.02768	1.7162	2.38393	3.08797	2.80996
0.0906397	0.0429858	0.0427156	0	7.18E-276	0.0539865
0.0774924	0	0.390517	0.264857	0	0.130298
9.02528	7.70422	11.6336	12.35	19.9491	24.8255
2.39832	2.80765	1.87702	1.82158	2.16503	1.74135
3.62149	4.50961	4.14306	3.14527	3.66051	3.93583

0	0	0	0	0	0
1.08788	0.938572	1.58143	0.858049	0.725151	0.914594
9.63772	9.67056	10.2201	9.09158	8.65976	6.83228
1.72177	1.17136	0.664034	0.57046	1.37971	0.989626
0.447489	0.55766	0.241616	0.327739	0.623199	0.376209
138.827	158.357	116.024	149.635	95.3722	130.177
3.09989	3.52716	0.509401	1.68905	1.45988	1.35971
0.026666	0.00977384	0.150289	0.0357412	0.0254859	0
0	0	0	0	0	0
0.020743	0.0516999	0.0522664	0.0472644	0.0449369	0.0174389
56.1158	53.885	50.9073	56.7657	46.5151	46.0698
0	0	0	0	0	0
16.0126	14.8303	17.4549	13.6903	23.2287	16.2461
45.8529	171.425	0	52.2394	49.6669	0
13.088	11.4484	14.9586	13.0378	13.684	10.5884
0.149227	0.0619887	0.125336	0	0.134699	0.0209094
7.14141	5.9897	6.43824	5.07325	6.75493	6.32675
0	0	0	0	0	0
0	0	0	0	0	0
148.317	141.029	92.3903	85.9818	79.5558	75.294
0.0196332	0	0	0	0	0
147.911	146.515	94.9692	126.398	74.6849	116.404
0.620218	0.764948	0.974679	0.684755	1.31581	0.510676
40.5348	40.9746	30.5589	38.2629	38.2856	45.4443
0	0	0	0	0	0
7.38666	6.77895	10.7926	5.26486	13.085	9.02338
4.60534	3.72271	5.72365	3.40332	6.34787	3.11311
0	0	0	0	0	0
0.108685	0.270886	0.136927	0.0990582	0.0706351	0.0913727
60.3932	65.9442	58.4879	73.432	47.4399	58.6769
11.6155	13.0832	11.5352	14.4294	11.0015	13.4427
4.88543	4.12428	3.80547	3.80037	3.67012	3.6656
1.17003	0.821834	1.79569	0.59379	2.54623	1.02837
1.11415	1.12144	2.37544	3.61272	2.50649	2.44978
8.19935	8.58442	7.64225	7.81865	9.88366	8.62202
11.0782	10.7227	12.0561	10.8558	11.3715	11.1535
7.25571	7.20322	7.42059	6.61028	6.97503	6.54493
0.483931	0.150768	0.217744	0.157524	0.748834	0.421377
7.68994	6.5906	0	0	0	0
3.0658	4.04533	3.63525	3.90373	3.90683	7.27751
0	0.0234366	0	0	0.0570033	0.0158109
0.817078	0.654584	0.661757	0.332458	0.842898	0.441596
20.5813	19.9624	21.4187	18.6659	22.6827	21.7358



0.407269	0.362528	0.40315	0.663286	0.661719	0.586965
36.1475	34.8571	35.7632	34.4553	33.2439	32.0982
0.0955368	0.0714347	0.132399	0.0544217	0.382889	0.112446
276.321	267.388	245.184	257.262	198.847	219.817
0	0.40396	0.816773	0.553954	0	0.13626
0.247142	0.238938	0.601914	0.248417	0.732793	0.474566
1.04468	1.10759	0.712815	0.551703	1.47217	0.30997
0	0	0	0	0	0
20.1087	23.2496	24.8632	21.7838	27.1016	24.6089
3.02304	2.52172	3.65502	3.49964	3.48251	3.88396
24.4049	24.1061	23.8325	30.8598	27.744	27.3902
14.4295	16.7889	14.5605	15.2706	8.51856	10.2913
3.53287	3.17991	3.55377	2.57713	3.9714	2.7665
113.892	142.94	148.449	184.398	115.063	134.684
18.3028	16.108	16.7622	17.4356	16.577	16.1988
0	0	0	0	0	0
13.953	14.3214	13.0842	12.5459	13.0963	11.6902
0.116568	0.0435799	0.0587432	0.106243	0.113637	0.0195999
0	0	0	0	0	0
0	0	0	0	0	0
7.04903	5.91518	5.98	7.06229	5.71693	6.90894
0	0	0	0	0.0438712	0.0681014
75.2436	79.6368	80.902	80.0901	58.6235	67.344
0	0.0143957	0	0	0.0125126	0
109.541	126.746	79.9004	95.5589	78.825	98.1581
9.37413	8.60394	9.95696	7.64343	11.5338	9.30407
23.0825	24.0079	29.1405	22.6294	31.2217	22.3742
4327.1	4325.19	5908.53	4985.93	6538.63	7268.85
0	0	0	0	0.170289	0
34.4522	39.7909	30.771	37.148	29.721	36.0503
0.0231589	0	0	0.0131923	0.0250852	0.0584099
1.98527	1.45173	1.74817	1.428	2.60066	2.35438
47.7279	41.8794	50.6531	43.6946	47.5435	45.2133
10.6012	13.2488	7.41483	8.52379	9.36327	10.1444
0	0	0	0	0	0
7.28038	5.75647	5.62978	5.83462	4.51398	5.27641
0	0	0	0	0	0
18.5295	17.9188	17.1563	15.6605	16.1599	14.5148
8.32404	8.21642	10.4153	9.50938	9.76882	9.35316
0	0	0	0	0	0.428271
17.9989	12.1547	19.55	16.0264	21.9977	24.0859
0.183139	0.0855854	0.16151	0.0730265	0.272762	0.134721
1.13896	0.745768	1.70244	0.879723	1.77735	1.08737

0.332015	0.318197	0.275729	0.166227	0.0702407	0.103072
16.3378	15.8536	18.6441	14.9055	16.1802	14.2343
2.16078	2.54915	1.17965	1.2801	2.44974	2.19202
0.0662625	0	0	0	0	0
0.107742	0.134268	0.0678694	0.0613741	0.0583518	0.0452899
3.83735	1.54715	2.27506	3.98608	3.66754	5.59825
14.6857	14.8286	13.6073	14.2052	12.4041	13.3553
10.164	8.7784	9.39207	8.52121	7.36552	8.31816
14.4465	10.5704	19.5902	10.8051	15.9638	9.8704
1324.32	1591.84	1388.22	1530.58	1312.58	1496.97
48.7566	49.9874	46.1105	47.9383	50.4698	52.3761
14.2538	15.3638	16.9551	15.1006	13.7577	13.177
31.1422	34.4938	30.3581	36.5549	28.4034	37.3115
3.71702	3.12464	4.82145	4.15957	6.26563	6.37933
16.9848	18.7965	17.7251	22.6405	14.6959	13.4763
36.0564	43.4422	38.0391	38.8518	27.4771	27.3622
41.9621	42.2683	49.5041	42.4009	56.4561	44.5739
0	0	0	0	0	0
5.95371	5.66427	5.97776	4.53889	5.95077	5.02534
17.0358	20.4679	14.8587	19.3091	13.9106	17.6273
0	0	0	0	0	0
13.9201	14.3061	15.3289	14.7625	15.5061	15.2425
19.749	20.3942	18.3423	17.1231	18.64	19.6606
15.4899	14.3069	15.1226	15.8316	18.0192	16.5399
49.3141	54.9011	46.5195	53.3271	65.9292	61.0198
0.205845	0.410441	0.849999	0.425606	0.845634	0.389381
27.4452	32.5282	24.8636	29.6425	33.2204	38.3019
0	0	0	0	0	0
0.833936	0.762467	1.07396	0.570603	1.54512	1.02799
0	0	0	0	0	0
28.1964	26.8529	23.1945	21.8569	25.1623	26.2529
4.20083	5.11464	4.25171	5.07291	4.78876	4.17578
8.25377	7.82359	8.83979	5.87202	9.74345	7.36891
0	0	0	0	0	0
0	0	0	0	0	0
22.7869	24.6887	26.9937	32.0037	24.1248	24.9767
25.9616	56.2654	38.1024	50.1836	24.9961	20.1826
7.47294	8.79178	8.49309	11.2525	8.60398	7.99603
0	0	0	0	0	0
0	0	0	0	0	0
1.33062	1.21603	1.00583	0.909574	1.63348	1.11867
12.9936	14.0842	12.6428	15.0453	12.8693	16.5049
0.520379	0.603601	0.519145	0.634127	0.616033	0.457667

1.41038	1.82792	1.35042	1.70323	1.31382	1.54144
0.335725	0.0975378	0.35283	0.382486	0.449434	0.300246
0	0	0	0.0647654	0.123152	0.0955848
23.3166	21.2932	25.8887	20.0102	19.0356	19.9808
0.955004	0.884092	0.928156	0.404121	1.35955	0.619367
0	0	0	0	0	0
76.3531	74.9618	87.6921	76.1142	100.13	84.0702
21.7503	23.0683	18.6569	19.9594	20.0507	23.1768
0	0	0	0	0	0
162.423	93.8159	424.849	316.046	152.754	123.546
3.67957	4.65725	3.4489	4.04584	4.44982	4.75874
13.831	9.8448	16.3969	11.871	13.527	7.81504
0.817418	0.608183	0.487813	0.441128	0.869876	0.687213
6.21857	12.0827	14.1737	11.1032	31.5968	27.3909
12.0082	13.0596	16.8315	13.7862	14.0746	13.1393
0	0	0	0	0	0
0	0	0.0154146	0	0.0132529	0.0102863
4.43119	4.43988	4.77195	3.60598	5.69513	4.07722
69.5381	54.2394	52.9429	47.0529	71.1678	64.7703
0	0	0	0	0	0
1.02924	0.807584	1.41675	0.760013	2.11615	1.52227
10.4852	10.0543	11.6674	10.9263	12.4285	10.9792
0	0	0	0	0.0864978	0
6.03272	5.67051	5.95053	6.6813	4.64199	5.32067
0	0	0	0	0	0
7.71871	6.89794	8.2813	7.45935	14.4277	12.8245
12.1409	11.4551	10.9421	9.96489	9.74035	9.26438
2.80513	2.43575	2.21163	1.17524	3.01885	2.06922
0.259588	0.467275	0.436057	0.230023	0.468634	0.557721
0.194743	0.131745	0.133189	0.114103	0.259157	0.135656
13.189	13.1911	12.5841	10.7919	9.06417	9.65811
11.5518	11.4164	9.76809	10.3606	7.69639	9.35484
0	0	0	0.0328111	0	0
1.97837	1.49089	2.57086	0.988276	3.32838	1.88472
0	0	0	0	0	0
2.35179	1.96687	1.89178	2.39278	1.23364	2.11357
6.67678	6.59512	4.80672	5.39833	3.63274	4.39747
3.58763	3.26664	3.75443	2.8875	4.48149	4.04263
11.5328	10.3479	13.0135	10.2828	11.3841	9.10557
0	0	0	0	0	0.0566194
0.883811	5.10651	1.03755	25.3101	0.239332	1.08922
0.14127	0.0586835	0.0593266	0.107298	0.153021	0.118767
9.17957	10.3878	10.1496	10.4516	8.28728	9.50401

13.0443	14.0114	14.893	12.2356	12.343	11.844
0.560224	0.53948	0.0320818	0.116046	0.0827486	0.042817
0	0	0	0.0366498	0.068948	0
3.16522	2.25692	1.90306	1.0297	2.28745	1.90187
10.4351	11.4094	11.5344	10.3745	9.59699	8.93847
2.78402	2.94739	3.74935	2.61498	3.14793	2.53132
13.1996	7.01099	11.6418	8.07122	15.6713	10.8076
172.386	84.4245	117.82	84.3832	157.679	96.3742
7.10466	6.74728	8.46683	7.03794	8.79975	6.29595
0	0	0	0	0.22015	0.17087
1.69159	0.263508	0	0.722701	0.458075	0.177768
0	0	0	0	0	0
4.10467	7.39438	1.9688	3.10113	4.10419	4.8759
23.6736	25.4727	0	0	0	0
1.37029	1.60106	1.10843	0.735118	1.19104	0.923303
0.211946	0.190171	0.0854466	0.315516	0.444458	0.342116
2.33543	2.85223	3.53323	3.02133	4.14734	3.14319
0	0	0	0	0	0
28.855	28.6143	27.9751	28.2934	28.3744	34.2631
0.11684	0	0.235522	0.0266228	0.177182	0.0785831
0.51541	0.275273	0.834868	1.00663	0.797545	0.74282
3.34284	2.34997	3.77955	3.02722	7.36559	4.58787
0.400594	0.49922	0.497931	0.325993	0.675907	0.408953
0.302338	0.235484	0.380902	0.0430561	0.0818717	0.317724
4.41491	4.44417	4.87438	3.52621	6.2085	4.54455
0.231251	0.592453	0.565231	0.257037	0.928684	0.235159
0	0	0	0	0	0
0	0	0	0	0	0
27.7964	18.4313	29.8065	21.2722	35.6224	23.9614
96.8992	65.5184	101.497	59.9079	77.9176	67.8115
4.01945	4.05164	4.82545	3.28544	4.20906	3.07966
21.054	20.5688	20.1748	17.7304	23.8588	20.1802
0	0	0	0	0	0
7.23855	9.69325	7.39876	12.6804	8.74375	7.59384
0	0	0.120678	0.218258	0	0.422781
0	0	0	0	0	0
0	6.51255	0.109732	107.367	0.0943438	4.32028
28.1144	27.4311	24.6164	26.8735	27.4382	29.5431
3.55181	5.22812	6.09605	5.1901	11.4581	9.58565
5.09503	4.60845	3.72716	3.76056	4.85123	4.20285
11.2504	9.61184	11.9821	11.2318	10.4902	10.5797
0.545788	0.68016	0.541755	0.602964	0.662845	0.403232
279.146	273.157	309.925	318.504	236.281	278.785

0.160773	0.477974	0.307987	0.128174	0.896905	0.702902
606.592	401.73	630.437	460.602	862.591	733.799
0.119362	3.09E-08	0.0269066	4.42E-12	8.91E-06	7.62E-08
3.15989	4.4629	4.06947	4.96002	1.21697	2.18428
1.64237	1.54246	2.12912	2.27789	1.65007	1.50083
13.0816	13.2923	14.4948	14.1999	18.0442	14.5166
5.88746	5.33535	4.9064	5.25035	4.97315	5.0164
0	0	0	0	0	0
0	0	0	0	0	0
5.60044	5.82464	6.32619	6.16372	9.56985	7.67108
282.286	244.212	284.402	295.489	222.849	304.755
0	0	0	0	0	0
8.60826	6.63692	10.4243	7.00837	6.90583	6.09033
0.034886	0.0434749	0	0.15898	0.0755756	0.0586582
3.65044	4.84748	2.29951	2.93167	6.06076	4.02488
0	0	0	0	0	0
74.3242	69.5367	64.8814	52.5595	53.7171	54.7962
7.61684	5.23964	5.34823	5.02152	6.66633	5.94251
0	0	0	0	0	0
5.03217	5.34022	4.0119	4.52386	4.30098	5.68492
12.683	9.43001	17.9271	10.272	16.1084	9.75513
7.35713	9.5006	7.02406	6.72311	7.45944	5.9454
0	0	0	0	0	0
0.0389945	0	0	0	0.0844761	0.0327832
0.399277	0.398063	0.402425	0.272934	0.432489	0.872761
1.30728	1.44812	1.88227	0.99291	1.95546	0.662918
0.646488	0	0.20362	0.60016	0.700263	0
0.340717	0.0849203	0.858509	0.465808	0.221435	0.0572891
7.75805	7.74521	7.32711	8.21167	6.62685	5.56979
0.528083	0.315886	0.665307	0.385047	1.12114	0.728103
4.48115	5.50555	5.26839	5.60744	4.57219	6.34221
0.0644995	0.120569	0.12189	0	0.0349323	0.0542255
0	0	0	0	0	0
0	1.35536	0	0	0	0
21.3114	22.5277	23.3714	17.8841	23.5432	16.7848
0.840111	0	1.41122	0.159521	1.21332	0.470861
0	0	0	0	0	0
9.95516	9.70687	10.0406	10.4559	11.445	10.4705
0	0	0	0	0	0
13.8578	14.6036	13.7879	12.2205	10.6787	10.9466
0	0	0	0	0	0
0.121683	0	0	0.277263	0.131805	0.306902
0	0	0	0	0.0395354	0.0306855

17.5669	14.9518	14.9802	14.355	11.9712	12.1295
0	0	0	0	0	0
8.24139	8.61737	8.1207	8.7074	9.13354	8.16684
16.0564	16.4972	15.676	19.318	14.6282	15.248
0.187486	0.0467289	0.614132	0.213599	0.0812322	0.22067
42.8668	37.2448	39.0205	47.6797	47.6083	54.1551
27.5405	32.718	25.3555	27.0664	16.6367	21.4998
4.78371	6.68476	3.79441	5.51515	4.18831	6.73823
0.0946469	0.260756	0.35895	0.282962	0.230582	0.320448
0	0	0	0	0	0
96.1748	112.185	99.9643	101.514	85.1252	89.7535
14.8791	16.5932	16.1051	16.7971	16.1506	16.217
2.86544	2.5947	2.86443	2.80666	2.95743	2.60634
11.4295	12.3595	11.2091	11.8672	2.15146	2.10379
114.415	127.459	116.347	128.437	118.599	140.008
0.0144812	0.0180465	0.0182442	0	0	0.0121745
21.2086	23.5032	15.7032	21.1385	11.3062	11.0772
3.90518	4.21151	4.76227	4.76287	5.15194	5.53503
3.27319	2.24026	2.76138	2.21934	2.01602	2.99971
4.05277	4.31204	4.35929	3.52828	5.17675	3.33489
0	0	0	0	0	0
20.3108	19.0618	23.2424	19.3253	22.0392	18.3023
5.77925	5.0316	7.77972	4.87051	10.3761	5.59082
0.0954861	0.0297486	0	0.0271964	0.0517143	0
12.7549	11.0143	6.89933	6.73264	5.38743	6.49803
0	0	0	0	0	0
14.8945	15.8867	18.1124	16.1741	15.6096	14.3568
0.143065	0.154763	0.133512	0.0226371	0.0968526	0.0668196
0.0406165	0	1.02342	0.601557	0.659924	0.853669
6.52501	7.63319	7.85091	9.99949	9.6878	7.74067
2.51186	2.77048	2.50984	2.03939	3.94047	3.39822
28.6289	27.091	30.9272	23.4158	30.6721	26.8698
0	0.0690049	0	0	0.119956	0
0	0	0	0	0	0
16.0074	17.7747	16.4014	16.7618	21.7797	26.0766
6.19037	6.64911	7.09843	5.2415	8.39626	6.80468
9.41275	6.34063	4.48707	5.79664	6.61343	5.77465
18.7345	17.295	18.1781	18.1248	18.4756	17.104
57.5863	59.0766	56.2913	49.5862	74.425	67.1573
18.1489	20.4776	19.5176	19.3727	16.0279	16.8044
0	0	0	0	0	0
3.01994	2.51423	3.13327	2.18288	4.17825	2.35755
0	0	0.0164312	0	0.0635715	0.0109647

12.0541	19.4837	20.0731	16.0445	8.20895	10.1842
3.0223	2.8417	3.42005	3.77315	2.90124	3.16469
1.26242	2.09858	1.67882	3.75544	1.97517	1.88729
13.8923	15.4262	11.0325	10.9115	8.56596	9.91921
0	0	0	0	0	0
0.194841	0.582744	0.540036	0.177583	0.168838	0.032761
0.300621	0.431129	0.194274	0.234242	0.34102	0.360114
1.97737	2.20463	3.38682	2.33182	2.60526	2.08764
16.1655	13.3545	16.6842	16.4748	17.4772	19.5881
16.2748	14.1461	10.5043	11.195	15.9441	20.1203
12.5197	14.8497	16.0594	13.1426	13.826	11.437
23.9382	23.0178	24.0334	23.5988	25.5516	25.4318
0	0	0	0	0	0
40.7104	44.0034	44.4082	80.0519	34.143	51.4505
0	0	0	0	0	0
1.83664	1.74453	2.18692	2.22005	3.42082	3.23882
2102.23	2384.67	2265.98	2321.78	2171.02	2481.07
28.1253	20.2986	31.61	22.937	46.793	42.8677
0.335021	0.147354	0.670359	1.27976	0.170771	0.0662721
19.4406	19.1221	21.5902	19.2055	21.0055	19.1638
3.92792	3.48567	3.18237	3.30595	3.48372	4.10163
0.375988	0.0462771	0.292402	0.047273	0	0.195122
36.2729	35.7095	29.0225	25.7095	30.3116	31.1506
0	0	0	0	0	0
1.98413	2.38052	2.86196	1.33575	4.09928	2.09857
3.50805	3.35166	3.32946	2.8776	3.47053	2.18245
3.49293	6.91531	5.12705	5.80276	4.51564	2.26338
6.33598	6.26117	7.04266	6.05378	8.41979	6.18474
0	0	0	0	0	0
62.2466	58.528	68.3867	71.3199	57.7101	63.1947
9.57322	10.1854	8.80695	8.28603	9.43859	9.96797
6.83569	6.48296	4.86835	5.48163	6.63097	5.02872
3.54746	3.49638	3.85847	3.38626	4.35858	4.11801
0.727281	0.371831	0.516869	0.743597	1.81795	1.411
4.07127	3.85154	4.51147	3.96122	3.75005	3.27287
18.1945	18.6362	18.4216	18.2678	17.7282	18.7188
0.166342	0.118455	0.149691	0.027073	0.180179	0.119868
22.8353	20.9341	21.3002	18.6795	27.0149	23.5027
38.986	37.4266	40.5265	39.8388	38.9111	47.2951
0.0565253	0.0117403	0.0237379	0.0643983	0.0816361	0.0237608
0	0	0	0	0	0
0.110389	0.137566	0.162253	0.146725	0.139499	0.0618701
26.4739	26.3977	25.6581	27.8546	20.8712	22.6789

0	0	0	0	0	0
0.0425744	0.185697	0.160913	0.0242521	0	0.0357928
75.229	81.7081	72.1161	84.4866	54.6803	62.7824
14.0963	16.0705	15.7984	14.4891	15.3531	13.2996
1.42856	0.93012	0.655896	1.18315	1.38863	0.975913
18.8674	17.7058	18.7659	17.6662	20.4368	20.8069
0	0	0	0	0.00925993	0
5.51083	4.90317	4.71471	4.04449	5.01138	4.10508
4.21439	4.05768	5.06641	4.12049	7.25532	5.29128
8.23245	8.71867	8.23736	7.48032	9.39334	8.64563
36.8428	33.1673	37.7203	28.8254	26.4202	28.4765
14.4079	12.285	22.2338	24.8183	17.0624	19.5023
0.0533718	0	0	0	0	0.0448703
2.51234	2.74024	2.47048	2.79876	3.6058	2.81826
0.0454816	0.0566792	0.0859503	0.103633	0.0246324	0
1.13565	1.12696	0.927341	0.972767	1.45336	0.845136
11.2758	11.1968	9.67813	10.3385	8.71021	9.06428
14.7169	15.5903	9.93671	14.3876	9.1966	12.9632
0	0.0384053	0	0.0702207	0	0
0.197147	0	0.124188	0.33691	0.427092	0.41436
0.428148	40.4851	0.930197	531.961	1.15896	23.654
3.42033	3.47425	4.11374	2.98532	4.26366	3.41548
0.266003	0.150679	0	0.0275503	0	0.0609906
96.5491	97.8447	98.7933	98.9045	88.1345	83.8902
0.284056	0.35399	0.304188	0.242715	0.0615367	0.167166
15.0197	15.0325	16.2616	13.7963	15.8623	13.5348
15.3372	13.2804	14.4753	14.2498	11.629	13.0164
8.88711	8.88666	10.1126	8.26194	10.7276	8.20072
39.2792	40.5544	38.5749	39.8842	36.4094	42.8226
8.81577	8.72663	12.6032	10.1861	11.3099	8.88332
0	0	0	0	0.127236	0
8.82273	8.92467	10.4548	10.629	11.4857	10.8806
1.90E-45	3.90E-49	2.94E-32	7.22E-63	0.1316	4.34E-28
0	0	0	0.0650173	0	0
8.61517	9.13233	9.92731	9.42611	9.70164	10.4227
5.51264	5.70544	5.50315	5.40227	4.3772	5.1844
28.8146	28.682	27.4443	27.214	21.1547	25.5888
0.0531722	0	0.0680518	0.170087	0.326491	0.0926795
1.14598	0.960011	1.7646	0.145066	1.79586	0
0	0	0	0	0	0
2459.56	2165.45	1101.97	1053.33	849.441	1300.43
20.2023	24.2112	23.501	34.6446	9.75956	16.5109
0	0	0	0	0	0



71.7474	78.7379	82.0023	80.9899	71.8158	69.0703
3.51235	4.38699	3.27482	5.48188	4.36105	4.17126
0.490369	0.63656	0.643535	1.11734	0.885263	0.824519
1.06628	0.994584	0.716246	0.545892	0.915994	0.617014
0	0.098695	0.199553	0.270683	0	0.199745
0.355508	0.276896	0.503875	0.354396	0.529484	0.1868
0	0	0	0	0	0
6.04316	6.82403	8.23489	6.29747	12.5659	9.05153
29.2633	31.1243	35.1321	30.7686	36.6855	28.8019
0	0	0	0	0	0
51.3241	46.9685	45.8073	44.265	44.4866	57.8735
0.904971	0.619513	0.59787	0.999379	1.06437	1.14056
24.1951	21.0201	14.1495	15.2724	19.9998	13.4353
103.599	103.912	103.205	100.196	97.8362	104.282
69.5925	77.9607	66.7738	76.9758	58.8439	64.9076
3.65243	2.91345	4.03693	3.31872	4.27986	3.57928
195.943	214.282	198.355	205.739	189.193	218.201
0	0	9.68E-06	0	0	0
0.1873	0.273533	0.234265	0.034231	0	0.134722
0.113307	0.141203	0	0.129089	0.245464	0
0.155672	0.387996	0.196124	0.177354	0.0337241	0.130875
29.5073	26.6135	22.832	29.5922	18.0806	19.3024
3.44554	3.65222	4.51551	4.12848	3.92518	3.24631
0	0	0	0	0	0
0.222152	0	0.0699706	0.0632726	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0214035	0	0	0	0
0	0	0	0	0	0
5.09091	5.66867	5.45614	5.72597	5.409	4.87861
58.3163	58.9458	55.1538	55.7909	46.8239	49.7462
19.2897	20.0938	27.0714	29.3834	25.9405	29.1837
1.74214	1.98595	1.22933	1.67542	1.94881	1.35351
0	0	0	0	0	0
28.7161	30.0855	30.2035	33.2197	28.6931	27.6714
0.80439	0.802779	0.76006	0.962249	0.479214	0.473382
2.06959	1.98394	3.73056	2.75687	3.10394	2.32883
0.423485	0	0.29637	0.268003	0.286678	0
489.767	0	0	0	0	0
0.371393	0.419775	0.631122	0.492002	0.0841992	0.203316
43.2783	43.7441	48.0309	36.5153	48.2814	41.0176
0.309128	0.243653	0.992111	0.519839	1.42382	0.984156
15.2658	14.4282	15.5716	15.4657	20.3035	16.8932

10.6873	9.5302	10.2368	9.27889	5.92272	7.5544
44.9137	42.9453	53.0561	45.9874	56.8976	45.46
29.7139	32.3372	28.0137	29.7462	29.2297	33.8809
10.6404	10.3127	9.75147	7.95384	10.5379	8.44608
0.779876	0.509177	0.702298	0.426798	1.43794	0.566786
32.496	36.9879	36.6167	33.1932	25.8673	23.7282
0	0	0	0	0	0
0	0.0250756	0.0126752	0	0.0217954	0
14.502	13.1644	14.6514	13.1542	15.2437	13.2124
1.31E-08	0.446013	8.57E-09	2.85E-10	0.201305	1.27E-09
0.120658	0.100243	0.202683	0.32075	0.17426	0.202878
17.9837	20.9736	24.4627	24.5433	24.0035	23.5537
5.07608	6.52007	6.43075	4.97557	7.64831	7.25932
0	0	30.7384	27.7966	0	20.512
3.45318	3.25108	3.76658	3.05176	3.82359	3.00974
0	0	0	0	0	0
12.6604	14.3237	13.6127	13.9721	16.7603	17.1841
7.69395	7.33447	8.59402	6.64196	8.60027	7.40198
29.6563	25.6956	31.7883	29.6191	24.7932	22.9145
0.573158	0.383797	0.549775	0.586173	0.458906	0.250835
28.6696	30.3311	28.4995	25.5781	24.607	22.7563
6.96727	6.49337	9.37513	7.84192	8.45485	6.51264
28.7504	28.816	33.8669	37.1744	31.7502	33.4296
23.007	22.0247	16.7625	12.8871	14.9554	17.8294
5.57483	5.73727	6.1656	5.89383	5.7977	5.59926
1.29274	1.17164	1.62866	0.736398	1.27297	1.43263
0.230345	0.215291	0.798052	0.196821	0.623762	0.0484134
62.0783	26.7395	22.0003	36.9907	24.7605	29.0129
0.0145104	0.0361657	0.054843	0.0330629	0	0.0243982
1.38839	0.576736	1.36046	0.351504	0.334194	0.389078
1.93235	1.60021	1.68669	2.13784	2.16073	1.64365
3.77894	4.10845	4.10845	4.14199	7.89881	6.49796
2.44722	3.83075	1.87996	3.36609	2.90939	3.41228
9.85007	10.0286	11.6002	12.4831	9.16167	11.1432
466.771	428.223	587.281	654.226	972.237	748.413
0	0	0	0	0	0
0.791594	1.12741	0	1.15952	0.489965	1.33101
0.180927	0.197287	0	0.0515317	0	0.0380268
0	0.0404614	0.0818095	0.03699	0.0351685	0.0272961
1.95315	3.74464	1.32498	4.27921	1.46466	2.65252
7.68839	8.15724	8.18572	8.78444	8.10717	7.9285
0	0	0	0	0	0
0.0258649	0.0966982	0.0651719	0.147337	0.112065	0.0652347

0.141428	0.484681	0.579081	0.604225	0.344682	0.297251
0	0	0	0	0	0
16.9722	15.4584	15.9461	14.62	14.7137	14.9752
6.37387	6.51742	7.7985	5.94275	9.45618	7.29936
0.280092	0.907531	0.77809	1.1171	0.531896	0.753526
0.643398	0.0842538	0.594957	0.482378	0.872181	0.579923
0.18802	0.108143	0.163992	0.378983	0.0783305	0.109433
22.289	23.2192	19.184	17.8868	17.9963	18.2881
0	0	0	0	0	0
0.529845	0.621656	0.278885	0.903162	0.396774	0.666471
30.9254	27.9496	32.6593	34.4239	29.2863	31.7516
0.0187975	0.0468508	0	0	0.0814443	0.0316066
0	0	0	0	0	0
5.00141	4.6448	8.73539	5.07057	8.14304	8.19049
0.00735005	0.00915962	0	0	0.00796142	0.00617928
0.32823	0.286097	0.468556	0.554051	0.442083	0.527039
1.29412	0.638152	1.77721	1.93909	3.61592	0.944525
0.0962677	0.119969	0	0	0	0
15.1554	15.6683	16.2681	17.4985	14.2812	19.4548
6.40269	7.54023	6.74292	5.89727	7.08697	5.52577
0.566006	0.156359	0.366921	0.169207	0.247357	0.0527415
1.65059	2.36941	1.7373	1.83288	1.49367	2.07272
11.0719	11.9767	11.0933	10.7211	10.8337	11.8781
1.05208	1.31489	1.29951	0.22424	0.447878	1.86405
9.74761	8.38803	10.3212	9.53044	8.57312	8.16916
43.4559	44.403	34.3852	31.4082	28.9766	30.982
0	0	0	0	0	0
7.21063	5.51888	6.83114	5.33648	7.07241	5.6086
23.7402	20.2461	25.044	26.3098	31.9928	31.0935
1.98174	1.35432	0.966464	0.983217	5.85115	4.38015
29.4168	27.9277	28.6356	28.7817	25.6326	24.9993
28.9735	0	0	0	0	0
16.8089	13.6157	15.8268	15.9248	15.2843	14.652
0.188467	0.657628	0.332417	0.386491	0.285801	0.221825
1.50811	1.53769	1.13058	1.22117	0.756025	0.827793
0.559488	0.630831	0.80557	0.667769	0.692602	0.470369
0	0	0	0	0	0
1.93371	2.27591	0.730858	0.905695	1.21019	0.957353
52.1902	47.0304	49.1779	44.7777	51.9504	48.7904
14.6214	14.7462	12.8223	12.5185	12.5145	12.6606
0.0313717	0	0	0	0	0
0.181262	0.566684	0.383779	0.347051	0.356982	0.235169
12.2949	11.7486	12.5068	13.6733	11.6235	12.2084

0	0	0	0	0	0
0	0	0	0	0	0
1.80641	1.25906	0.85713	0.764591	1.28202	0.686181
0	0	0	0	0	0
0	0	0	0	0	0
23.7536	23.6208	23.1971	21.989	27.8363	24.3059
0	0	0	0	0	0
0.0494335	0	0	0.0563187	0.0535453	0
17.4809	16.177	14.0985	16.5338	14.2395	14.221
28.634	26.0729	19.9801	22.3081	15.737	22.1944
98.5862	93.0105	83.157	65.975	75.8803	74.6818
0.180397	0.224811	0.0568184	0.0513807	0.195403	0
7.21252	10.3329	10.16	9.83464	6.3976	6.35012
20.4482	19.572	20.0314	19.2283	19.9688	19.3069
152.156	165.696	164.64	194.804	136.711	211.01
2160.84	2742.83	2800.76	4097.77	2360.05	3693.06
34.7849	42.984	43.3047	35.2981	27.5077	27.8234
11.9596	11.5977	9.10215	11.6723	11.4512	10.5007
30.6881	34.8419	33.5518	33.0382	31.1009	27.879
0	0	0	0	0	0
0	0	0	0	0	0
1.79212	2.13517	2.25781	2.44559	2.85846	2.5994
22.3166	23.8182	21.7131	25.0892	23.056	27.2449
0	0	0	0	0	0.0116532
10.0609	7.56188	9.18953	6.59074	9.43334	6.52874
18.7951	12.5224	20.413	18.1353	24.0464	17.7633
0.350572	0.390895	0.395178	0.441443	0.479662	0.372291
0	0	0	0	0	0
0	0	0.0115682	0	0	0
12.6825	11.2877	11.8765	10.3418	9.85866	9.28199
0	0	0	0	0	0
2.93618	3.07577	2.70062	2.80589	2.87748	2.55044
3.07974	2.53875	3.47118	2.38894	3.88256	3.16048
0	0	0	0	0	0
0.682375	1.50748	1.13323	0.74208	0.907119	1.17344
13.8247	16.187	14.7375	15.8368	21.4746	19.7329
9.10788	7.63135	8.71322	6.46845	11.0742	7.54935
3.25411	3.86192	8.41602	5.29588	5.29624	3.38693
4.66074	4.45746	5.1208	3.70458	5.61588	3.93353
0	0	0	0	0	0
0	0	0	0	0	0
22.6603	19.3492	22.8389	16.2548	16.2725	14.8878
4.72393	5.18935	5.30092	3.63884	3.80809	3.97146

0.350204	0.245488	0.124089	0	0	0.372626
0	0.286349	0	0.261782	0	0.289766
10.42	10.6183	10.9886	10.1993	10.2271	10.8913
0.903539	1.02948	0.829353	1.14703	1.09055	0.6511
11.0699	12.0604	11.6136	10.5483	11.6491	9.71569
0	0	0	0	0	0
20.8848	22.1347	21.3385	19.9927	20.8536	20.2796
40.5994	32.4662	38.2472	46.0261	39.7901	34.9652
16.9135	16.6188	19.3243	14.647	26.2567	20.3072
0	0	0	0	0	0
0	0	0	0	0	0
32.7042	29.5449	27.685	29.69	31.2116	34.1387
37.7203	38.9007	38.0625	38.8654	26.6252	40.345
0	0	0	0	0	0
0	0	0.0484389	0	0	0.0646474
0	0	0	0.0360158	0	0
0.108608	0	0	0	0	0
0.525267	0.327294	0.49632	0.598428	0.640078	1.87679
30.6533	31.8675	31.3906	32.3083	26.1008	31.4209
1.92648	2.19071	2.00235	1.75585	2.53016	1.61962
8.07337	7.18715	9.27592	8.12922	11.5183	11.0647
0.168497	0.929914	0.728152	0.30166	0.312878	0.142501
4.52187	4.02951	5.5096	3.62736	5.01877	3.95782
8.03468	7.20327	9.79731	8.96997	9.47195	7.67721
0	0	0	0	0	0
11.8841	13.737	11.2888	12.6276	9.29771	8.70907
3.59077	3.7057	4.75357	3.33984	4.74026	3.49049
0.919085	0.959099	3.01596	1.38801	2.1532	2.60557
8.77426	9.27668	9.40446	7.77074	10.0336	9.59879
0	0	0	0	0	0
0	0	4.45135	1.51491	0.123455	0.03194
7.40261	5.6413	8.48548	8.70066	7.42234	5.81058
1.95227	1.88907	2.41057	2.37238	1.00471	1.02064
0.14315	0	0	0	0.155057	0
7.66792	8.66215	8.15967	6.23242	6.96529	6.70904
5.30967	5.0021	4.37354	3.87259	5.82966	6.0701
8.66691	10.8369	7.80884	12.4431	7.65888	8.37288
3.5458	3.49735	3.33858	2.90641	3.59893	3.94565
0.227113	0.141514	0.306567	0.221782	0.351434	0.259128
2225.9	693.479	1752.7	1584.96	1506.91	1403.51
6.54689	5.23604	6.17184	4.18848	5.98311	4.76561
0.0209462	0	0	0	0.16336	0.248009
30.9209	27.6659	30.8988	28.9141	32.9974	35.1224

0.208595	0.0455759	0.1747	0.162647	0.0750047	0.230451
4.40933	2.77516	2.41814	2.15304	2.93177	3.4661
0.0154896	0.0193031	0.058544	0.0529412	0.100668	0.130223
0.0710817	0.0443693	0.0455197	0	0.097028	0.0300698
0.280441	0	0.314058	0.0710003	0.303768	0.0523933
5.91808	5.51967	6.37194	5.84737	6.9209	5.90004
0	0.0788577	0	0	0	0
4.45284	3.92048	5.89192	3.96713	4.79157	4.38718
89.8747	72.1307	78.7369	71.0802	80.2728	90.784
0.626192	0.615669	0.523001	0.250155	0.705039	0.444552
2.02331	1.69729	1.25937	2.53753	1.03581	1.83711
590.309	529.487	223.472	195.816	224.877	218.842
25.2871	18.2155	34.0679	18.5955	36.4679	20.44
0	0	0	0	0	0
0	0	0	0	0	0
4.42533	6.74036	1.23895	2.28744	1.66438	0.826761
0	0	0	0	0	0
21.3107	21.651	20.9859	20.9332	23.2815	20.1798
5.49271	6.73401	3.70314	5.34446	4.66319	5.71607
0.107086	0.085406	0.0215843	0.0780787	0.0742338	0
40.5294	41.4331	41.878	38.5723	48.2747	53.2662
0	0	0	0	0	0
19.9368	19.6112	24.5357	24.4578	15.2704	16.8958
0.105882	0	0.150071	0.0301568	0	0.0222537
9.75454	10.9446	12.2321	10.6749	13.5506	10.0675
50.9959	50.5243	44.8474	38.5337	46.3834	49.3254
22.3713	23.4902	19.3105	23.0572	20.8472	27.0649
0	0	0	0	0	0
0	0	0	0	0	0
24.8712	25.4788	23.6649	25.0664	25.1017	25.8327
1.00594	0.914254	1.88789	0.844099	2.35348	1.0092
6.64031	5.95246	6.26239	5.19221	5.38188	5.4122
1.53444	0.191221	0.193317	0.699262	1.66207	0.645009
0	0	0	0	0.0290871	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.0532571	0	0
99.0632	95.4188	68.8123	88.3822	44.8843	69.8331
0.927418	1.30965	0.894698	0.709965	3.06113	2.47435
5.12372	5.92147	5.39199	4.59592	6.88736	5.43082
0	0	0	0	0	0
0	0	0.0650706	0.176529	0	0
0.0733157	0.0609106	0.0615781	0.0835273	0.105885	0.143821

80.7352	86.3072	78.2202	78.6289	64.1686	80.0817
4.49639	4.44418	1.88163	1.22782	3.23284	3.69221
0.0730264	0.182011	0	0.166395	0	0.0613942
0.203623	0.225559	0.142519	0.231984	0.269573	0.171188
0	0.0432914	0	0.118732	0	0.0292053
39.833	41.6918	54.2013	52.2579	39.137	39.2569
2.58421	4.14927	2.50145	5.38021	2.03817	2.42425
13.8391	13.1099	6.98118	8.18775	14.716	10.0266
24.4692	24.7125	28.0828	26.5022	29.7649	27.3822
0.138704	0.345706	0	0.0790116	0	0.0583051
0	1.59559	0.35846	1.29662	0.308192	1.07642
0	0	0	0	0	0
45.4562	47.8655	32.7132	39.5398	32.7331	31.8997
21.1654	21.4619	17.7282	17.96	17.2167	20.9742
0	0	0	0	0	0
33.8526	32.0707	30.9023	36.0927	32.6808	34.5196
8.18391	9.34366	9.55147	8.17976	8.55646	9.06118
1.81603	2.28496	2.18899	1.98233	2.51323	2.16562
0.467136	0.578802	0.947561	0.289277	0.567473	0.277295
0	0	0	0	0	0
347.254	320.227	201.68	184.546	143.151	211.973
25.919	27.0462	28.2799	24.8255	31.3508	26.0785
15.67	17.9413	15.0068	18.1126	16.8931	19.2024
0	0	0	0.183482	0	0
2.57903	3.57109	2.72772	2.53922	2.37969	3.07833
1154.85	1409.66	1113.72	1227.93	1092.4	1345.57
0.167545	0.104397	0	0.143161	0	0
39.0042	39.6814	39.2237	36.9546	43.0874	36.91
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.371638	0.370098	0.0718122
15.3045	17.0858	14.1397	13.6583	14.5054	15.172
15.408	14.3061	14.1491	13.6985	13.8656	11.0197
5.09198	4.29912	5.82536	4.65435	6.47824	4.21324
28.0376	29.1807	29.6232	24.6153	27.8063	25.8304
0.092355	0.115093	0	0.105218	0.0333457	0.0517626
30.9135	35.3909	22.2989	29.4974	25.4743	28.7199
0	0	0	0	0	0
0.751356	0.595852	0.860544	2.41238	0.22196	0.459399
3.8894	5.36459	4.73357	4.60295	2.45429	3.2855
11.8647	14.1664	11.8956	12.2433	10.6311	12.6904
26.6288	25.5114	23.9105	16.8543	16.6018	16.9641
16.8208	19.237	18.9194	21.362	20.1737	22.2878

0	0	0	0	0	0
0	0	0	0	0	0
14.8988	15.3762	17.6036	22.544	18.9703	19.8646
263.509	289.976	323.91	370.71	230.007	292.237
15.1852	16.3202	12.6676	23.9177	11.1301	12.0149
2.25956	1.08302	1.75182	2.57427	1.8827	2.48414
0	0	0	0	0	0
5.94769	5.13033	9.50459	6.90666	8.8547	7.21657
15.4129	14.6918	16.3464	14.3856	17.3793	15.3859
1.58605	1.22357	2.85456	2.01748	3.02691	1.96837
14.0811	13.9483	10.4423	12.8372	17.7309	16.9266
594.456	665.684	653.505	602.65	559.488	645.523
0	0	0	0	0	0
0.423256	1.16196	0.531563	1.66526	0.543377	1.42379
4.27504	2.19938	2.16295	2.29217	5.70565	4.73403
0	0	0	0	0	0
62.3451	65.3103	31.4538	32.6778	22.725	32.8783
5.67168	5.5565	6.1985	5.50799	5.68084	6.49171
8.09509	7.55167	9.05396	7.0373	10.2057	8.00299
0.581815	0.718281	0.911115	0.650462	1.20741	1.08342
0	0	0	0	0	0
39.1918	46.512	42.154	43.4138	40.4544	44.9854
0.130238	0	0.0820406	0	0.0352679	0
20.2471	18.2855	16.1076	18.7207	16.9781	17.7895
91.8749	83.2612	35.2632	36.1454	24.8329	33.308
1.52141	1.44455	2.00803	0.825388	1.33406	0.487263
0	0	0	0	0	0
6.06927	5.9101	6.68339	5.57391	5.31268	4.38368
0	0	0	0	0	0
2.60708	3.11898	2.8904	3.20782	3.16281	3.68223
16.6778	15.8127	14.8314	14.1983	17.3804	14.148
48.6963	50.3716	46.4784	55.5675	56.2595	74.4524
0	0	0	0	0	0
31.4241	31.8523	24.6865	24.4576	36.2379	38.6283
23.9382	27.7661	32.9161	30.468	27.6787	24.0286
13.3858	14.3759	13.5439	13.6249	19.9143	19.3494
12.6331	14.3543	18.9046	19.4562	16.1452	17.1687
48.6493	43.1074	38.5825	42.2274	33.7972	41.6358
12.4984	11.4026	12.7859	11.8523	13.8415	11.8929
30.388	28.8713	30.6874	30.6137	30.2413	28.2535
0	0	0	0	0	0
1.94306	1.67604	1.94641	1.86655	1.87314	1.78974
12.2741	10.956	12.0381	12.6839	15.4677	14.4677



10.9588	9.5184	6.55459	12.2329	10.4315	11.1675
7.98208	8.66778	10.1259	7.68515	9.22005	7.12833
0	0	0	0	0	0
0.559454	0.921288	0.969183	0.409742	1.79633	0.907084
0	0	0	0	0	0
0	0.019298	0.156075	0	0.0335471	0
6.64221	5.19877	7.89184	6.2139	8.05043	6.92423
1.38366	1.43304	3.30974	3.20601	3.96966	3.04962
33.9619	32.8464	34.6262	29.531	35.5881	26.7085
0.424228	0.75912	0.342606	0.743563	0.341691	0.283494
6.4234	7.58009	7.86133	6.21289	7.49727	5.35615
0.0509908	0.0500263	0.00822533	0.0273431	0.0282874	0.00548884
39.4564	42.6115	36.7312	31.7559	36.8853	38.5401
7.55698	8.04101	7.73499	7.64817	7.01759	8.83274
0	0	0	0	0	0
0	0.00651062	0	0.00529071	0	0
3.30362	2.97612	2.70786	2.72079	2.54369	2.5097
0.0613906	0	0	0	0	0
30.2792	30.623	25.8922	29.1124	25.4313	29.0078
0	0	0	0	0	0
0.0635578	0.0792057	0.240221	0.144821	0.413067	0.0534338
11.4251	11.6754	12.7462	13.7695	12.8755	11.897
3.04083	2.82349	3.21244	2.22928	2.72348	1.77966
2.39304	1.72089	1.26388	0.913253	0.56311	0.225419
0.690857	0.815261	0.752122	0.4091	0.574096	0.223737
0.517394	0.184222	0.651841	0.252625	0.56043	0.497119
2.56745	2.7833	3.95297	3.56463	3.52033	3.56408
1.38166	0.979937	1.7748	1.17325	1.61388	0.683822
1.29E-06	4.24215	1.09328	6.09E-06	0.584804	3.02546
0	0	0	0	0.355113	0
15.8362	18.6406	19.2307	16.2925	17.5307	15.7323
0	0	0	0	0	0
0.918891	1.02929	1.04057	1.10578	0.835233	1.26075
1.10549	1.69911	1.06778	1.21748	1.31719	1.67291
4.36567	4.32045	3.78537	3.51087	2.80946	3.6055
0	0	0	0	0	0
1.46344	1.37528	1.84372	1.36662	2.57265	1.99677
0.475958	0.118628	0.179891	0.32535	0.773321	0.320115
7.66731	6.69197	7.28705	5.29815	8.35551	5.69922
9.63377	8.98355	8.96126	7.87107	11.5866	10.7781
13.2405	11.8564	12.7	10.1394	13.2477	11.6823
33.8789	36.7542	37.2129	47.963	33.3972	41.4256
0	0	0	0	0	0

45.8342	53.903	46.1955	49.8973	38.5405	68.4467
10.0605	10.5322	10.3601	11.461	10.6474	9.72932
0.0734207	0	0	0	0.0795278	0
0	0.0496356	0.0501795	0.0424436	0	0.133942
1.0534	81.3903	1.64111	585.962	1.87717	28.6727
2.13728	2.28298	0.6924	0.765277	0.463013	0.718736
3.38549	3.29019	3.94692	3.72031	4.57018	4.52422
0	40.7951	41.2421	0	70.9172	27.5213
1.9701	2.24844	1.85517	3.30749	1.23574	1.48199
34.7175	24.5836	30.8554	23.3035	31.0676	23.7268
23.6569	22.7829	21.0439	24.3981	23.9965	24.4903
0	0	0	0	0	0
3.26156	2.33686	3.70951	2.50255	3.4066	2.40636
0.023413	0.0437659	0	0.013337	0.0507209	0
20.4996	20.9235	23.2905	23.1513	23.187	23.004
14.1746	14.2878	21.2398	21.4651	23.8864	23.9389
70.8535	68.7169	75.9924	67.2966	72.5635	70.428
13.0144	14.663	16.4861	14.0976	16.3977	16.3559
231.788	180.534	255.517	132.036	251.068	48.7168
0.22346	0.649777	0	0.763754	0.484095	0.125244
52.5288	62.0951	49.5254	60.4999	56.1511	67.6435
0.0906874	0.100479	0.152481	0.103413	0.283822	0.203395
3.92055	3.73096	5.52306	3.28905	6.29278	3.11627
17.8146	18.0379	14.495	14.1648	16.4823	13.4168
2.45942	1.98318	2.27831	1.73063	3.13411	1.3379
10.9447	11.4268	14.7962	10.8601	13.9014	12.0831
1.7208	1.90168	1.51348	1.36863	2.60247	3.38472
10.7495	10.397	1.13194	0.767706	0.799415	1.45675
0	0	0	0	0	0
0	0	0.229357	0.207407	0.197193	0.306104
0	0	0	0	0	0
1.34267	1.22704	1.17605	1.04893	1.302	1.03205
135.643	132.751	142.747	132.614	134.88	140.424
11.8763	13.0075	12.0752	10.5675	9.6001	9.91229
200.216	215.554	183.895	216.924	168.735	199.889
0	0	0	0	0	0
0	0.068855	0	0	0	0.0232255
4.46209	5.5569	3.64896	2.53981	2.10906	3.70529
0.44348	0.0921108	0.651841	0.589458	0.160123	0.0621399
2.81861	2.53877	3.76199	1.97123	3.74831	4.08235
53.9777	54.8325	53.5546	48.8097	54.2267	59.8964
2.52048	2.11677	2.83028	1.87274	3.62039	2.39539
4.34063	4.03417	5.70972	4.028	7.89102	5.15435

1.00293	0.763939	2.78321	4.13849	2.91862	3.80706
0.88984	0.777936	1.36857	1.62974	0.305858	0.571521
0	0	0	0	0	0
0	1.41505	0	16.8174	0	24.8202
33.6028	31.9738	32.4006	29.2306	32.2916	33.4261
0	0	0	0	0.0460737	0.107281
12.0834	13.3735	7.27484	6.92669	7.23092	7.34178
0	0	0	0	0	0
383.719	43.4718	175.793	278.195	226.711	234.616
14.8602	19.08	15.1287	18.2411	12.0858	10.7265
29.3686	29.6915	32.0414	27.8075	31.3196	26.1786
6.73951	5.38617	6.55268	4.50717	8.17313	4.98872
0.13694	0.12287	0.124217	0.133131	0.452323	0.259421
12.7912	12.9931	12.2155	11.6785	8.23174	9.6064
0	0	0	0	0	0
16.8807	15.86	20.5672	18.2974	17.0525	13.6357
0	0.0567965	0.0287094	0.0389428	0.0246834	0.0191581
17.3062	14.8616	15.2606	14.6083	17.7598	14.0994
0.240409	0.389476	0.30288	0.301283	0.208324	0.262749
0.272746	0	0	0	0.147716	0
17.5455	23.3832	15.3563	23.9167	12.8141	15.4578
28.9203	31.7862	28.2395	27.9585	32.1631	41.8043
0.487016	0.531054	0.119305	0.0847686	0.0805943	0.0568667
27.3108	28.8497	29.7096	29.2042	45.6596	45.0599
95.1085	94.3648	87.5518	87.9799	65.2912	73.9339
14.7463	14.5829	15.1822	14.5602	15.6981	13.1839
0	0	0	0	0	0
33.5171	33.016	38.4995	37.9447	37.0903	39.1964
0.181392	0.169538	0.571318	0.413313	0.09824	0.190623
0.804229	0.764859	1.06654	0.506345	1.10037	0.71171
0.950958	1.11902	2.02966	1.68497	1.80236	1.86515
0.0356404	1.80E-14	0.190428	0.102977	0.199626	0.121186
0	0	0.987357	0.446432	0	0
1.01402	0.924641	0.841296	0.817136	1.60737	0.790125
0	0	0	0	0	0.26245
1.35087	1.19008	1.28827	0.884361	1.26641	0.69235
2.28265	1.475	5.11255	2.119	3.20512	0.497532
0	0	0	0.0505501	0	0
4.05413	3.20596	4.0369	3.20569	6.20761	3.99734
8.65936	9.31719	11.2962	9.34159	10.3325	8.91309
20.4323	20.2896	18.8616	21.3012	20.7682	22.3553
9.66123	4.80443	6.38653	8.06733	6.35279	10.0218
14.8847	13.8341	14.5947	13.3498	14.191	13.1864

10.9918	10.9922	11.9248	12.2587	11.3304	10.1536
5.1296	5.21957	4.7728	5.17387	4.61324	4.49056
0	0	0	0	0	0
0.0419287	0.0784132	0.0531118	0.334047	0.0453831	0.017612
0.0925908	0.115387	0.524929	0.0527435	0.40117	0.116763
0.336341	0.586808	0.169496	0.0766376	0.218591	0.226213
0	0	0	0	0	0
5.77283	6.29826	7.07143	5.68221	5.75274	5.15827
1.62957	1.44026	1.54153	1.36969	0.737752	1.19908
62.4335	60.7555	57.0204	51.2876	48.5079	46.4991
2.2513	2.4279	0.600314	0.690542	0.352135	0.255136
13.8331	13.412	13.33	11.4454	12.1358	11.0028
18.3932	20.5355	18.5793	14.5502	19.4819	21.046
47.9164	50.7341	45.5942	47.3615	48.7782	50.1925
1.16191	1.08488	0.788546	1.9885	1.18403	1.1674
0	0	0	0	0	0
0	0	0	0	0	0
542.167	526.752	290.319	254.918	294.744	361.285
0	0	0	0	0	0
0.458617	0.528265	0.44688	0.192561	0.646086	0.559995
0.615508	0.436196	0.775469	0.467492	1.17	0.390652
8.01197	8.3281	10.3684	7.83944	10.6291	7.43704
7.79822	8.35435	8.96634	7.36512	7.91306	6.20267
63.5764	146.711	295.59	315.519	425.099	546.847
1.73019	1.13583	0.467096	0.844787	0.736254	0.675344
203.775	198.02	177.975	176.147	138.637	166.462
0	0	0	0	0	0
5.59131	5.08369	6.53933	5.68408	7.25268	6.22406
6.25128	5.26743	5.87114	5.43815	6.14826	5.45319
40.7523	45.631	35.5173	42.0245	38.6449	42.7728
2.86565	3.17751	4.00866	4.3462	5.15545	5.60531
0	0	0	0	0	0
3.17576	3.23628	4.17837	3.51115	4.57526	3.61028
42.0545	46.8458	42.0052	47.7057	41.405	51.8152
55.5222	51.0801	54.8084	48.074	43.6902	42.901
0.669622	0.44837	0.881116	1.01087	0.833731	0.934714
3.95172	7.33802	3.56085	10.1372	3.57174	8.69068
4.18512	3.95749	4.68974	3.42628	4.55602	3.76602
0.288434	0.359446	0.363385	0.82152	0.52071	0.282905
0.339513	0.33848	0	0.541521	0.147101	0.114173
16.5969	17.6484	14.235	13.1862	16.1609	13.0641
5.16796	2.76773	5.13826	3.5953	6.73481	3.06006
0	0	0	0	0	0

0	0	0	0	0	0
10.0584	9.66539	10.9164	10.7	10.3919	9.98448
10.3671	9.20206	8.66628	6.36981	5.73833	6.13023
26.0859	25.9345	28.49	26.3467	26.1342	25.7293
27.1172	25.833	26.2281	26.0619	29.1095	37.5197
1.19355	0.977432	1.54666	1.47634	2.77034	2.8096
6.97808	6.54408	6.83855	7.44641	7.0478	5.27692
0.180629	0.225099	0.245071	0.364085	0.240804	0.36212
40.7865	40.5736	35.4201	39.1238	33.632	40.9539
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
13.1384	13.068	13.2485	14.8072	14.3839	11.733
18.6283	20.5551	13.7051	13.111	12.5359	10.7745
0	0.417513	0.0562784	3.91871	0.0725794	0.544549
4.46082	4.05426	3.9913	4.19197	4.46256	4.08468
0	0	0	0	0	0
0	0.0541138	0.0547068	0	0	0
1.32513	1.00298	1.05885	1.34784	1.30525	0.91636
172.636	145.881	158.15	159.942	143.653	148.639
0.489352	0.896809	0.689044	0.721485	1.27837	0.484005
5.63933	4.45089	10.4992	7.49559	18.5967	8.05979
0	0.0273257	0	0	0	0
0.386345	0.337024	0.121685	0.0660235	0.209241	0.227364
0	0	0.0276041	0	0.0474662	0
53.6484	53.7233	55.0762	46.7475	53.2984	47.2828
0.68437	0.393609	0.621891	0.482233	0.63964	0.371718
0.207725	0.110943	0.0373862	0.0338083	0.417864	0.149689
10.0369	9.4107	10.2434	11.2101	15.6117	11.0678
6.17919	5.19583	4.69694	4.76901	5.8802	3.93511
0.460005	0.191086	0.482949	0.698767	0.249134	0.515642
15.6044	13.905	14.3216	11.5173	15.1303	14.9526
1.88654	1.95917	0.990321	1.07465	4.25722	3.56859
0.132317	0.0392135	0.144499	0.0382392	0.157553	0.181079
0.0858843	0.142705	0.0721345	0	0.0620187	0.024068
0	0	0	0	0	0
18.0722	17.0535	18.1495	17.4408	18.7121	20.5845
2.22977	2.46033	1.02418	2.38156	0.553492	1.50358
0.266821	0.332512	1.05649	0.564544	0.495455	0.44864
0.194022	0.23014	0.197762	0.0946778	0.620106	0.32604
0	0	0	0	0	0
33.0356	32.4457	33.5553	35.5069	33.2533	33.872
0.768365	0.478767	0.484014	0	0	0

1.83179	1.84796	1.64842	1.35816	1.32277	0.977781
0	0	0	0	0	0
5.14306	4.80695	5.26459	6.0425	8.87855	8.78278
20.062	22.9884	21.259	19.7571	16.3901	18.8079
0	0.98319	1.49094	1.79768	2.56373	0.663281
13.6231	14.0275	14.4074	13.2216	16.4042	15.047
0	0	0	0	0	0
2.66112	1.42448	2.45527	1.66869	2.75225	2.30026
28.1967	32.257	34.0869	33.6513	33.9253	36.0753
2.27174	3.34091	4.72332	5.62913	5.35451	3.90722
0.378995	0.236151	0.270571	0.15832	0.150524	0.329246
2.06665	1.73694	1.72569	1.56054	1.82208	1.09096
0.0578309	0.0360344	0.0364293	0	0	0.0486192
0	0.85112	0	0	0.739783	0
120.991	127.254	127.29	129.035	87.6294	104.59
3.44716	3.54406	4.00562	4.08544	4.66351	4.56658
4.64547	6.12726	6.99231	4.48632	6.52808	4.39854
0	0.654283	0.992179	0	0.568694	0.66209
116.664	136.542	129.916	132.95	104.194	118.382
1.16557	1.00823	0.846519	0.812373	1.21796	0.795457
0	0	0	0	0	0
5.41672	5.71059	8.62991	6.56479	9.0578	6.36069
0.687924	0.354098	0.0565228	0.170378	0.12959	0.0880091
22.6753	25.1555	29.5001	27.4179	25.764	28.68
0	0	0	0	0	0
100.098	106.391	94.6776	93.3424	95.5429	97.2577
0	12.148	0	140.877	0.183102	8.00582
0.569303	70.9231	0.969327	479.125	2.19535	30.3608
3.41204	3.53904	3.69773	2.88085	5.92451	4.62284
2.77006	1.56201	4.27944	3.09876	2.67463	1.74925
13.7953	10.0285	13.2764	11.4819	10.5845	9.82595
4.14819	4.38962	3.01538	3.75578	4.12986	2.70642
0.653368	0.618812	0.460963	0.357298	0.19816	0.549294
3.5479	3.13982	3.75725	2.28464	3.23036	1.94528
3.16941	3.88823	3.26999	4.01238	3.22237	3.64303
0.0487118	0.0910569	0.276164	0.16649	0.0527637	0.102382
7.41688	6.80146	7.36992	6.8646	8.37148	9.87905
2.57273	1.92921	3.46106	1.73877	3.07017	1.92468
0.290055	0.470726	0.361481	0.431649	0.526576	0.32637
15.8633	16.3901	13.7227	13.7427	19.1505	18.2085
0.0232347	0.00723876	0.00731808	0.0198532	0	0.0146503
0.260038	0.330361	0.220897	0.490559	0.327515	0.284323
0.183702	0.15262	0.250725	0.296493	0.298474	0.334622

8.93019	10.4846	10.0721	11.0488	11.3836	14.1019
24.079	25.4292	27.0675	23.0185	27.2309	27.2808
4.30687	2.27424	5.11949	3.04939	7.56434	3.57995
5.08534	5.19321	1.72678	1.50509	4.61658	3.63992
21.729	19.4946	18.3763	18.4926	12.7651	14.4158
2.90905	2.84228	5.12481	2.87446	4.34996	2.12115
5.19898	4.63344	2.50089	2.26155	3.48125	4.71521
0.653937	0.862872	0.751171	0.56972	0.520832	0.501263
0	0	0	0	0	0
7.63876	7.17794	5.16111	5.4041	3.4698	3.91017
1.30082	1.54377	1.87646	1.55147	1.51183	0.825243
0.018665	0.0233971	0	0	0	0.0156845
0	0.168749	0.098243	0.462815	0	0
6.88897	4.5045	2.23231	0.791392	0.0767694	0.0357508
9.89678	9.88969	11.5879	9.30146	11.5359	9.06087
2.15428	2.60158	1.29955	1.59971	1.66101	1.01727
0.055471	0.0864099	0.297013	0.126394	0.195276	0.209858
0	0.203684	0	0.0744838	0	0.13741
0.742641	0.481249	0.411672	0.507647	0.450472	0.324661
1.03527	2.03296	1.10667	1.28668	0.747586	0.949485
12.3497	13.0386	14.116	11.4382	13.2078	10.6177
3.05738	3.03704	1.95384	2.70076	1.79983	1.69496
0.448188	0.670238	0.338791	0.765919	0.728202	0.301438
2.43035	2.13065	2.96393	2.41591	3.92087	3.3482
0	0	0	0	0	0
16.5152	17.1675	17.6697	17.9305	17.6443	19.5935
0.824286	0.860001	0.313959	0.37127	0.726738	0.709103
1.19524	1.94751	1.53474	1.85894	2.11576	1.8353
0.400582	0.424325	0.883182	0.319464	0.607464	0.589355
0.682302	0.700234	1.31468	0.457256	1.30422	0.337423
0	0	0	0	0	0
64.6811	59.5859	92.7984	55.7332	56.1924	50.8828
0	0	0	0	0	0.0636924
4.6379	4.44595	7.04165	5.28388	6.69823	4.59898
63.1226	69.7517	88.8755	97.0604	56.6496	77.2134
4.92962	5.47941	4.85276	5.23011	5.6156	5.39688
0.30383	0.375527	0.360674	0.395799	0.423996	0.301353
1.12138	1.31325	1.2513	0.949061	0.983266	1.14931
23.751	22.6322	23.4802	23.4476	21.692	23.0657
189.939	133.103	222.041	183.395	203.067	114.733
0	0	0	0	0	0
15.4511	15.6556	15.8712	14.8291	12.7812	14.7114
10.3447	10.9602	8.66096	12.8917	7.17122	7.50116

0.47499	0.656341	0.341099	1.38827	0.381098	0.525033
14.5917	15.1901	12.4323	16.3612	14.9527	13.9335
61.3677	60.2228	64.9293	64.2182	61.0954	72.3564
0	0	0	0	0	0
77.1466	82.555	61.0981	67.7499	50.4864	66.6793
5.29142	5.23757	6.31193	7.69377	4.84358	7.07125
9.07276	10.2039	11.1669	11.2467	9.1653	9.45333
4.00474	5.61606	6.18064	7.75251	6.17842	6.64571
25.1687	27.8882	25.3766	34.5878	17.4804	20.134
0.381015	0	1.43586	1.6525	1.09746	1.07691
142.477	76.1968	126.133	95.891	196.724	155.331
77.4747	88.6609	85.3428	97.1725	70.8599	92.6684
22.6444	28.5083	44.5618	60.8125	14.2312	17.9328
0.675135	0.872539	0.223491	0.179646	0.170799	0.231494
92.6723	110.501	84.9413	97.8743	84.2351	96.3579
2.249	2.27513	3.16675	2.5321	2.694	1.24568
0.616074	1.069	0.294488	0.835231	1.20116	0.679913
2.39826	1.40095	1.55794	1.45153	3.61248	2.55181
0	0	0	0	0	0
2.39864	2.20133	2.52999	2.66917	3.14195	2.70438
0.0107472	0.053574	0.054161	0	0.0116411	0.0361421
1.57791	1.91661	2.06343	2.09351	1.06011	1.17544
7.91963	7.28859	7.54247	7.16641	7.66615	7.5586
5.07132	3.59935	6.60061	2.71662	5.82049	5.11052
16.1113	9.90332	8.36649	5.53031	8.00748	3.38853
0.0210154	0.0785682	0	0	0	0
12.5972	14.5661	10.528	10.779	14.3205	15.9233
4.23982	3.66367	3.67717	3.78622	3.71529	4.11939
19.7844	17.4057	23.5186	18.4221	27.3132	19.9759
3.64571	4.09947	6.76432	4.04096	6.40605	5.18649
28.472	31.2995	33.3996	30.8363	37.2846	37.8426
7.46284	7.91509	7.54278	7.54724	8.19752	7.31187
37.6643	35.5115	34.5567	30.1211	35.1852	28.9104
81.0977	88.3096	103.096	136.752	105.605	125.529
5.83324	7.01869	6.29851	7.80483	5.51355	5.88686
7.55968	7.39078	9.23549	8.49662	9.1259	7.83205
0.383938	0.239231	0.362779	0.656121	0.415874	0.282434
15.5222	14.4987	15.3485	13.8157	15.8421	13.6334
0.7632	0.671643	1.38224	0.975099	0.795264	0.756759
12.8788	13.5869	12.6484	13.6375	12.9012	13.9594
1.53474	2.7152	1.44783	3.23146	2.1057	3.23638
0.00812261	0	0	0	0.035193	0.0273151
0	0	0	0	0	0



8.26687	8.87065	9.56644	7.95301	10.2968	7.13024
122.661	141.491	100.478	126.494	81.8002	120.049
0	0	0.00585063	0	0.0845572	0.0087844
1.25344	0.868523	1.03329	1.19868	1.94382	1.24979
0	0	0	0	0	0
1.12494	1.3896	0.832948	2.15852	1.51779	1.28588
0	0	0	0	0	0
34.0192	35.4503	27.0018	26.6818	32.7124	33.6783
0	0	0	2.18E-07	0	0
0	0	0	0.12209	0	0
1.70107	1.89158	1.68151	2.89209	1.67248	1.69413
0.0894289	0.0990633	0.264455	0.138677	0.145301	0.112776
69.732	83.7264	64.599	70.9727	52.8652	66.8506
22.448	13.7007	32.048	29.2966	19.9304	22.8203
5.34917	4.08066	6.42694	4.34209	8.03581	4.50475
24.0886	22.6729	19.8094	22.8786	18.5414	18.8816
35.927	23.4637	38.8289	26.3496	53.6684	31.8765
27.1595	41.491	10.2479	13.822	12.0662	9.5469
18.2957	18.2133	21.1206	17.018	20.9816	20.5537
0	0	0	0	0	0
0.494233	0.615912	0.578317	0.703481	0.459103	0.400711
1.96416	2.18553	2.01066	1.51861	2.88728	1.54811
2.1374	3.90029	1.68953	1.74682	1.24414	1.76051
0	0	0	0	0	0
15.9048	17.3015	9.49335	9.15713	13.6526	10.3773
0.000165019	3.64E-20	1.21841	0.000116284	7.10E-06	0.000114042
9.65695	12.2852	10.5822	7.90768	6.59211	8.03414
18.4524	13.3263	14.4246	13.7026	15.6768	15.0272
0	0	0	0	0	0
15.8176	12.2026	14.8668	13.7301	19.5809	14.7756
49.9656	51.2661	51.0998	53.5067	46.972	55.778
6.89316	5.73674	5.6794	5.02717	7.90573	6.05584
0	0	0	0	0	0
16.9581	17.5944	16.2083	16.7684	13.17	13.2257
15.6279	16.3763	17.4884	15.1281	18.7042	14.8733
0	0	0	0	0	0
0.6033	0.66086	0.369764	0.604162	0.475661	0.415166
0	0	0	0	0	0
21.2951	17.7207	18.5649	18.8687	16.2504	17.8026
2.06413	2.82126	1.77831	2.74978	0.513321	0.890233
42.2901	44.0197	36.7258	41.7401	40.4128	39.3301
0.219505	0.273547	0	0	0	0
0.531245	0.291296	0.602362	0.278409	0.679011	0.437691

0.316997	0.434545	0.359433	0.505608	0.892747	0.453055
8.77344	9.13659	9.69854	6.23671	8.8679	7.33485
0.0514553	0	0.133071	5.95E-225	0.225419	0.174814
7.36342	7.79938	7.22154	6.41215	7.05221	8.19168
32.3957	33.5137	30.9468	32.2308	27.7366	29.9409
1.11418	1.18475	1.49479	1.49086	0.937508	0.836121
6.73609	7.05138	7.35496	6.54874	7.49096	4.90803
0.191977	0.191145	0.241863	0.218716	0.467878	0.161397
119.385	103.239	124.366	110.603	130.725	145.83
0.466454	0.904236	0.685608	0.797135	0.659636	0.7952
10.8573	9.5301	11.8945	8.9276	13.8569	12.4219
0	0	0	0	0	0
4.09305	4.05542	4.65893	4.49393	3.31129	3.35766
117.939	121.611	132.899	128.875	113.055	126.578
8.3267	8.1332	9.28868	9.51415	7.20066	8.65461
12.4671	13.0681	19.083	24.6904	13.7566	20.2769
0	0	0	0.0678448	0.83855	0.150194
0.556334	1.12662	1.05135	1.18842	1.20522	0.876969
0.043699	5.54E-286	0.0474393	0.0239819	0.0971447	0.023999
3.32302	2.26862	2.01588	2.45258	2.16458	2.50398
0.0991923	0.123613	0.333248	0.376694	0.179072	0.166784
0	0	0	0	0	0
0.0172518	0.0214992	0	0.0196547	0.0186868	0.0145038
9.48871	8.32741	11.7406	7.96371	10.4202	8.8964
76.9582	71.5284	64.9074	66.8565	56.8496	62.5379
0	0	0	0	0	0
0.812129	1.46188	2.04633	1.74768	1.85711	0.910355
167.995	188.79	163.548	174.632	122.177	141.552
44.0141	48.7249	43.4181	48.7446	44.4888	48.7898
7.19116	7.44071	7.87706	6.37452	9.02991	7.00858
23.9998	27.3096	24.944	29.606	26.655	31.3928
17.4093	16.2639	16.6635	14.8167	30.1185	15.2149
0	0	0	0	0	0
34.1162	32.0639	35.17	30.5416	33.7744	38.5531
2.91958	1.66564	4.37505	6.8119	1.79304	2.58687
14.3887	16.7534	16.8477	16.4736	16.8396	16.95
15.8915	18.2504	15.5853	14.4371	18.1927	15.1339
0.204667	0.196196	0.0793385	0.0717456	0.204638	0.0661791
1.218	0.934221	0.810356	0.945887	0.698694	0.747051
0	0	0	0	0.589029	0
0.313598	0.293104	0.172851	0.267957	0.275992	0.214212
87.5569	93.2329	89.4673	99.227	70.9473	83.7452
0	0	0	0	0.0320773	0

61.9083	71.4871	62.6773	62.1683	57.1779	68.0286
2.80151	3.434	3.18233	3.08706	4.72592	4.13136
0.135193	0.112318	0.113549	0.102682	0.19525	0.37886
9.39216	7.60792	11.9807	8.62714	10.4277	8.34026
0	0	0	0	0.0637787	0
0.0256005	0.0319033	0	0.0387876	0	0
47.7534	24.3145	44.6803	16.8249	28.4898	18.0343
117.369	116.354	85.0133	89.0262	75.9378	91.0797
7.12513	5.0385	12.176	6.4965	12.1929	8.0981
14.5081	12.775	14.3297	14.1887	12.849	13.27
22.9785	22.586	24.4397	21.2874	20.2594	18.2306
6.72937	7.21887	9.49768	7.8117	10.4412	10.0458
3.54952	3.43383	3.02582	2.78725	2.8974	2.9317
0.413194	0.514922	0.195212	0.529588	0.447564	0.173689
11.5421	8.91311	11.287	9.7645	14.5563	12.1138
2.55975	1.45342	3.86339	2.4544	3.98857	1.12895
17.3159	17.4834	16.9524	15.1534	15.8345	12.4333
472.896	508.447	424.441	444.71	282.477	332.979
5.49182	5.09085	4.06912	3.01299	4.21768	4.49405
0	32.153	32.5053	0	0	0
6.81672	7.38887	7.06727	7.40213	7.86444	6.104
0	0	0	0	0	0
14.0361	13.3622	14.6535	14.1646	14.6213	12.1227
26.4993	26.2361	32.2678	28.9637	24.5175	21.1102
0	0	0.445348	0	0	0.19731
2.26662	1.83221	3.47304	3.14066	1.1944	1.59656
0	0	0	0	0	0
6.22866	4.41377	6.07773	5.9135	4.23326	4.56911
11.7739	11.0236	12.0272	9.81183	11.6687	8.81886
11.9159	10.8426	11.5024	12.9143	11.5142	10.9229
12.5312	3.61913	5.81948	3.46494	5.17678	3.67192
0.626652	0.630226	0.761788	0.651308	0.547784	0.462135
6.86048	6.56045	6.06788	6.38043	7.55246	8.47497
38.5566	38.7202	39.2966	36.514	41.1243	35.7084
5.00116	5.53908	4.15149	4.06264	4.44696	3.64931
9.76891	9.12295	10.9331	9.34827	10.8703	8.17208
0.276347	0.196791	0.136776	0.0674652	0.374167	0.248923
0.487728	0.318637	0.17533	0.26419	0.276198	0.272605
0	0	0	0	0	0
0	0	0	0	0	0
3.18525	3.24774	4.37777	3.20475	4.50319	3.33866
13.1114	15.0438	11.934	12.437	12.6379	11.6542
11.858	10.9448	12.7203	13.7119	17.5995	14.1095

0	0	0	0	0	0
0.53388	0.66532	0.569566	0.934735	0.976367	0.68977
426.39	425.108	392.668	376.557	284.936	343.092
16.4338	17.222	16.0041	16.4115	14.4382	14.5754
0	0	0	0	0	0
311.478	420.633	237.236	421.165	450.531	453.874
6.56814	7.45439	3.86303	5.95583	4.80953	5.78956
0	0.0169557	0.0428538	0.015501	0	0.0343161
50.3311	50.8651	62.4661	49.6223	61.9614	53.7805
7.11669	7.00997	8.33076	6.01362	11.1505	8.7119
0.427588	0.271654	0.70242	0.515799	1.11248	0.570936
7.37185	9.50284	4.57982	7.6281	5.75069	7.13577
0	0	0	0	0	0
31.3974	32.4223	26.7505	26.7546	24.3584	24.3667
3.48005	3.10631	3.41343	3.10047	5.33472	2.77387
0.36673	0.838507	0.617231	1.00124	0.41164	0.796245
12.9744	10.477	7.73315	7.45706	9.23255	9.90503
0.563626	0.70239	0.539666	0.642129	1.41638	0.360124
5.93278	6.20389	7.57679	6.78606	7.70021	11.5051
2.1298	2.6905	2.04435	2.75473	2.82626	2.41918
16.3376	14.1161	16.4336	16.1456	15.0717	15.3161
0.493494	0.423437	0.815384	0.755783	0.876299	0.81617
0	0	0	0	0	0
8.97248	10.0071	9.90133	7.82093	10.3097	7.61788
0.140208	0.291212	0.176642	0.0798684	0.27843	0.157166
0.1127	0.0401275	0.263687	0.0917119	0.0348783	0.0812125
0.793142	0.720131	0.874607	0.849445	1.04798	0.901257
72.7847	66.7654	76.5948	79.8656	67.6468	73.6211
7.8388	7.14707	6.72056	7.58959	6.6733	6.50596
11.5923	10.2891	14.3945	14.062	13.2792	22.4597
0.13013	0.182439	0.334722	0.166787	0.140955	0.328207
34.4512	36.0868	37.9222	36.3408	37.9336	34.0541
0.165682	0.206472	0	0.283137	0	0.348226
0	0	0	0.0211907	0.0201472	0
1.85988	2.07731	1.69219	1.74986	1.26086	1.25096
15.2486	14.8117	14.5373	13.4333	15.3779	15.1413
1.84038	0.849438	1.07343	0.81539	1.25515	1.7478
45.0081	48.6351	41.3916	48.8554	45.9516	50.5883
0	0	0	0	0	0.0436964
74.7109	78.4173	79.4731	87.8318	75.9015	76.1756
0	0	0	0.0891249	0	0
3.92765	3.58537	3.68575	2.68851	5.18226	4.48423
5.32688	4.60535	5.95609	4.15967	7.02012	4.8609

17.4054	18.7587	25.5423	26.3474	23.6333	23.1766
0.05075	0.0316223	0	0	0	0
12.9407	13.4752	13.7247	15.6022	14.6765	12.1926
11.1374	11.6708	9.47287	8.57124	11.4098	8.68773
1.12754	0.819664	1.18378	0.856391	1.73021	1.07959
1.8729	1.10558	1.24188	1.34764	0.427092	0.248616
31.9991	27.8375	32.19	29.6775	34.4347	31.8456
153.862	0	77.5375	35.0585	33.3321	25.8707
4.64285	4.56333	6.16549	5.3285	4.70777	4.19101
8.21056	6.95697	8.19965	8.14657	10.5806	11.708
58.6848	57.9206	59.4723	55.0995	52.8216	50.5608
31.2709	33.8863	31.7194	35.0583	44.2689	45.4428
0	0.0146557	0.0148163	0.0133983	0	0
0	0.131625	0	0	0	0
53.7186	50.0772	53.9861	48.6636	51.3377	45.7176
17.9761	18.6936	16.2562	15.1428	19.3942	20.9909
910.494	917.67	798.723	980.238	651.604	835.888
0	0	0.0281938	0	0.0242401	0.056442
0	0	0	0.0132805	0	0
39.5771	38.5274	35.3606	36.2728	33.5036	35.6938
4.22154	4.2188	4.52443	2.79999	4.26606	2.57555
0	0.0605646	0	0	0	0.122575
9.28184	6.71926	14.9917	9.69848	16.5426	10.8207
0	0	0	0	0	0
26.1499	28.4336	27.18	27.6155	30.889	34.9445
432.801	477.887	477.128	470.005	402.004	482.057
34.6717	28.7006	36.7926	36.8311	27.7301	35.6947
0.105334	0.0210021	0.0212322	0.0768023	0	0.0885552
2.1417	2.44694	2.17676	1.49701	2.64233	2.11137
50.2598	49.1815	52.1233	50.0014	50.0667	46.1263
0	0	0	0	0	0
3.08271	3.33902	2.34115	3.20026	1.65396	1.91348
11.9306	11.0286	10.9211	11.7341	13.3483	12.0108
0	0	0.011074	0.0100142	0.00952104	0.00738978
40.0969	37.0716	45.658	34.2664	69.1966	59.3811
0	25.7856	0.13866	279.369	0.476861	18.7834
1.70557	0.708728	2.73712	0.717107	0.330293	0.273123
0	0	0	0	0	0.0666734
1.36619	1.09843	2.09426	1.19724	3.89962	1.86938
12.3152	9.34559	4.21824	3.96588	2.94876	4.27639
0	43.4718	0	119.227	75.5702	0
19.8816	21.2914	25.8709	23.5112	22.4419	22.6181
0.104543	0.078169	0.184393	0.0238209	0.294422	0.0878908

6.66703	7.69839	6.54925	7.1707	8.40836	6.99652
0	0	0.021794	0	0	0
0.189248	0.261562	0.370156	0.190785	0.228049	0.246268
0.178393	0.14228	0	0.146333	0.139127	0.0959849
1.75622	1.92678	2.76234	2.01925	2.53835	1.53989
0.771478	0.524408	0.176718	0.0799029	0.0759681	0.117926
0	0	0	0	0	0
12.7786	15.6743	14.0969	15.2245	13.0896	13.4769
10.3837	9.49576	8.5706	11.2315	11.5731	10.3705
0.328529	0	0.206949	0.0935719	0.177928	0.345248
2.90227	2.59725	2.12418	1.45532	3.09342	2.32302
0	0	0	0	0	0
3.85652	1.03171	1.03171	1.18626	0.635975	1.84145
5.14955	5.66563	5.52773	4.32594	4.53246	4.31861
48.3042	46.0589	46.4737	37.4739	46.2939	43.4892
4.70621	3.72549	3.84089	2.32678	5.12973	2.58794
0	0	0	0	0	0
0	0	0	0	0	0
0.175231	0.128862	0.0825445	0.127489	0.106502	0.0746742
59.1843	64.201	63.5594	64.1644	70.0874	50.7834
2.15149	2.09158	2.4759	1.87925	2.88984	2.12213
2.8487	3.35083	2.98302	4.82778	3.36617	2.75982
0.226975	0.0314285	0.0953187	0.258589	0.191221	0.169619
0	0	0	0	0.045411	0
0	0	0	0	0	0
0.204454	0.234194	0.38821	0.250084	0.534587	0.111534
0	0	0.133252	0	0	0
2.2398	2.38556	3.41563	2.35053	3.8617	2.84758
0.0349495	0.043554	0.132094	0.0398174	0.454279	0.11753
0	0.0204742	0	0.0187176	0	0.0276246
3.9628	3.52744	3.37842	3.44535	3.51814	3.24392
0	0	0	0	0	0
8.16557	9.59354	7.62222	6.47621	10.5969	8.33557
20.2227	19.5962	19.3588	16.6797	19.3586	21.1303
3.37152	3.52391	3.97358	3.03572	4.5944	3.84026
0.810256	0.432746	0.291658	0.725301	0.626895	0.437909
0	0	0	0	0	0
0.184452	0.160905	0.162668	0.0630431	0.299693	0.295548
0.0355971	0.0384053	0.179389	0.0405552	0.208634	0.0299269
0.811367	0.692465	0.628108	0.989754	1.24866	0.849615
0	0	0	0	0	0
22.2117	22.9588	22.754	22.4976	23.2827	23.0346
0	0	0	0	0	0

0	0	0	0	0	0
3.91805	3.92819	4.19448	2.5508	5.24351	5.18854
8.06003	8.78012	11.2533	9.5367	10.2337	12.2369
6.1568	6.28993	6.15162	5.31793	6.46872	5.60885
9.52498	8.84289	10.1825	11.3884	14.1763	11.7084
0.0526403	0.196801	0	0	0.0570189	0
1.31532	0.413758	1.07586	0.53797	0.813281	0.426037
0	0	0	0	0	0
0.17573	0.154584	0.221394	0.306197	0.257528	0.286786
0.365741	0.438999	0.563676	0.340726	0.451608	0.354425
18.6814	18.6212	19.9121	15.6151	15.5619	14.256
10.417	9.6908	10.5762	9.92031	12.1416	10.1482
0	0	0	0	0.0346606	0
0	0	0	0	0	0
0	0	0	0	0	0
12.2291	11.4001	13.7003	9.48412	16.799	10.3585
2.85997	2.60178	3.38695	2.73698	2.63318	3.39022
84.026	82.9521	81.8445	80.3072	73.5464	68.8385
33.3601	27.1596	32.6207	36.8814	26.5463	29.826
66.0041	68.5003	67.4713	67.3164	67.2806	67.0924
9.83736	8.95838	8.54841	8.13562	6.59226	6.32206
31.2964	29.783	31.2398	28.1254	28.3287	29.4024
0.202104	0.107941	0.290996	0.361827	0.250188	0.0970921
31.8581	28.5229	31.2346	31.2173	23.9233	27.3419
0.641911	1.02373	0.920124	0.917617	0.703121	0.551033
0	0	0.213566	0	0.045904	0
15.5096	19.0875	17.6346	27.1647	9.93345	14.3647
0.275573	0.392478	0.446376	0.672761	0.341137	0.430258
0.141557	0.0392013	0	0.0358381	0	0
0.639435	0.682738	1.37454	0.954684	1.99363	1.22478
0.741019	0.62963	0.466788	0.19187	0.693203	0.707936
24.225	29.6438	26.1734	26.0409	27.1267	26.9248
12.9879	11.4549	12.4895	11.33	13.1507	12.3169
27.559	26.242	30.0813	35.314	31.3159	37.3658
1.27331	1.5868	3.36878	1.88586	2.75844	0.74934
8.20376	9.79153	8.33394	8.49074	8.16455	9.32528
5.96165	4.40478	5.96332	4.07138	7.46734	5.92567
1.19739	0.701477	0.645018	0.416365	0.455517	0.439653
2.49884	2.61179	2.38652	3.62749	2.66304	3.65947
17.5696	18.1608	21.9283	21.7472	14.3622	17.5665
0.0492953	0.276443	0.217367	0.365634	0.214536	0.0414432
1.7258	1.68362	2.23799	1.65321	2.62884	1.72526
2.41739	1.81709	1.74032	0.918029	1.87033	2.16136

17.5507	17.7156	18.35	18.4665	17.6495	17.7818
0	0	0	0	0	0
6.24588	7.29922	8.86518	7.66555	9.48029	9.35262
1.04049	1.24218	2.66332	2.82013	2.14535	2.11999
70.2253	66.9409	70.7173	78.3695	64.3216	78.1621
10.0612	8.35887	10.2535	9.70039	10.2405	9.0298
21.39	22.6215	23.6072	22.6941	21.2628	21.9051
8.41197	17.263	9.58852	23.0867	14.6826	20.1946
19.2583	17.7703	19.5233	15.2517	21.4349	16.5891
6.5746	5.64242	10.0427	8.56706	8.13721	5.59838
37.827	31.3979	41.6642	33.1	40.8785	39.1607
1.11198	1.09705	1.45931	2.00587	2.10784	1.86972
44.0678	38.7071	35.551	37.2253	31.1023	41.6219
0	0	0	0	0	0
6.10664	6.30987	5.45115	4.50993	7.14641	6.60444
43.5887	36.8967	35.8579	35.0029	32.611	29.5831
0.488585	0.432104	0.555977	0.520725	0.597513	0.808268
0	0	0	0	0	0
12.0497	12.4494	11.4893	10.7643	12.0674	11.5206
3.37675	4.13854	5.2035	4.38757	3.83899	3.1908
13.8017	16.3147	15.3548	17.4302	15.1734	16.759
1.35622	1.68864	1.70836	1.75234	2.22116	2.00085
4.0025	2.9226	3.50616	2.60061	3.52254	2.86547
0	0	0	0	0	0
0	0	0.0494306	0	0.127496	0
10.1922	8.18789	12.1366	7.22492	7.95781	5.57614
2.03732	1.58332	1.4644	1.57304	2.94911	2.71608
16.9672	17.637	13.474	17.4064	19.685	25.0135
11.3927	14.8783	9.65925	13.0158	15.6234	9.93889
0	0	0	0	0	0
1.60879	2.03892	1.84923	1.44728	2.34947	1.50284
12.6175	10.7057	8.49303	6.52479	8.98213	8.8523
0.273267	0.113515	0.0459035	0.124531	0.295997	0.137843
2.14831	2.1028	2.63397	3.1696	2.38942	2.31819
20.7148	21.9035	22.2854	21.5096	19.9274	20.338
0	5.45182	0	82.3061	0.304317	4.55522
14.7439	8.88621	12.7642	10.8085	20.4096	14.6089
7.694	5.75866	8.37283	4.11609	5.19963	3.19446
5.23863	5.39272	6.95447	6.49874	4.7363	5.44283
14.5961	8.48042	10.323	8.59142	14.712	14.5479
0.329042	0.410052	0.248727	0.0749744	0.213847	0.110652
0	0	0	0	0	0
13.9291	13.0877	13.4633	15.9112	12.9723	14.5296



13.3008	16.3798	15.779	18.0268	16.6995	16.4709
42.0599	45.0639	44.0085	39.9719	47.7645	47.8793
0	0	0	0	0.19449	0.0377384
30.1394	31.0496	32.3269	29.8182	35.4852	27.5568
12.299	11.1923	12.6311	10.598	14.1453	9.54943
6.51646	6.14357	5.85394	5.7456	5.95369	5.95486
1.27534	0.816139	1.04221	0.70685	1.86678	1.53584
6.36791	6.74934	6.45053	5.40817	6.96727	5.56989
6.82915	10.1104	11.58	14.6856	10.497	10.6248
0.0538897	0.0449996	0.067756	0.0813687	0.136896	0.120939
1.25134	0.931394	0.941599	0.872745	2.67758	1.87112
4.8563	5.6333	5.52419	4.98015	6.06129	4.66349
5.61098	6.11004	7.74042	5.90676	6.97657	5.48528
7.16013	6.48497	6.99968	5.17082	7.24713	5.61391
2.92036	1.834	2.08586	1.78145	0.996307	1.60457
5.62314	5.08518	4.35966	4.65044	4.7526	4.69657
5.17138	6.12941	6.30644	6.40831	8.58651	8.16742
88.8694	95.3055	75.9757	84.0369	83.8469	94.6295
127.66	131.118	138.112	132.196	125.306	123.619
0.0270544	0	0	0	0	0
3.44833	3.98169	4.5653	4.60559	2.72224	4.28307
20.2636	22.8265	22.0847	19.3823	23.0975	22.4334
15.1516	15.9187	12.157	9.40275	11.7849	10.344
0.553711	1.82826	1.29611	0.95575	0.397065	1.09383
26.6325	30.9987	26.7982	30.1417	22.945	22.0208
0.088898	7.95E-166	0.133844	4.53E-40	0.06537	0.0725542
25.6065	24.2298	28.3784	27.4205	21.611	29.3704
21.8289	17.6106	39.8223	46.2557	27.3954	34.5204
4.32615	4.10573	5.86141	4.1732	7.04609	5.09717
0.108467	0	0.0455511	0.0411917	0.156653	0.0303966
0	0	0	0	0.0569149	0
0	0	0	0	0	0
0.306645	0.235163	0.178305	0.0806205	0.281051	0.118985
0	0.102353	0	0	0	0
0.687841	0.48286	0.889384	0.581148	0.208546	0.536154
95.8522	88.2039	137.008	108.675	149.874	153.786
0	0	0	0	0	0
0	0	0	0	0	0
3.90987	3.86649	3.90677	3.89695	2.06766	2.27266
9.71645	9.24861	11.1924	8.11758	12.0782	8.94702
0.234826	0.495237	0.955813	0.782021	0.64568	0.880802
36.6745	36.6886	36.4779	41.343	42.6774	42.334
9.48616	9.41848	10.9762	9.79726	9.43434	10.3546

39.6559	32.7545	40.2484	46.2828	32.7094	43.6216
0	0	0	0	0	0
0.259267	0.223538	0.57485	0.571701	0.0877555	0.104301
1.47217	1.71996	2.00928	1.78205	1.72751	1.7018
107.383	115.354	91.5585	106.723	95.6942	111.639
38.8779	41.2825	45.0504	50.9651	34.2382	44.6765
3.64056	5.34723	3.71535	3.76154	5.30577	3.19337
0	0	0	0	0	0
0.102071	0.157826	0.388884	0.417633	0.189466	0.132732
11.8897	13.2856	12.6961	11.3602	12.9265	12.3814
0	0	0	0	0	0
11.1496	9.15324	10.0241	7.14494	11.4922	10.5147
2.98611	2.90881	4.13641	3.60223	3.72428	3.33717
39.509	38.9416	40.7825	36.6274	34.1978	38.2282
0	2.83929	0	8.67816	0.128919	0.714719
9.57355	9.11631	9.03738	8.64051	7.68323	6.71931
0.189157	0.314303	0.198592	0.350318	0.307337	0.503585
6.12166	6.32079	0	0	0	0
2.3088	2.26983	4.43779	5.53358	2.76371	2.0417
24.0276	23.3461	23.2909	26.8429	25.6102	28.9399
0.963739	0.930783	1.27488	0.960725	2.00951	0.769716
19.9022	15.1781	21.0878	19.5735	22.3003	29.119
8.80683	6.30482	5.42962	4.91	3.45041	7.24648
14.0685	11.1883	21.5723	19.6132	15.8403	14.8623
41.7438	46.3879	25.1979	35.4743	24.017	40.6358
2.28506	1.64863	1.80306	1.28796	3.32188	1.73908
54.1694	62.3032	54.0296	60.054	49.3115	51.3619
0.556421	0.414368	0.937882	0.370638	0.297463	0.631893
13.9028	13.6941	14.89	12.3159	14.5877	12.5154
19.8754	19.832	20.8604	19.0342	19.0741	19.5627
10.1114	7.28228	7.8584	8.75201	11.6637	11.1504
243.11	280.509	204.659	291.402	262.071	262.529
0	0	0	0.0132725	0	0
2.10849	2.09135	2.75397	1.98056	3.11352	2.19951
32.6704	32.1259	32.103	36.0992	32.7923	35.9161
18.6292	19.4628	24.5919	20.2209	23.1265	21.8104
0.627277	0.373862	0.13744	0.155358	0.0886244	0.206358
30.59	101.153	31.5082	184.035	50.1495	12.5112
2.6319	3.04698	4.17909	2.96299	4.8582	3.35173
0	0	0	0	0	0
0.142353	0.239492	0.30745	0.398084	0.236112	0.227204
6.24884	6.34619	7.21769	5.60833	7.2053	5.53889
1.24715	3.24967	0.85703	1.03335	0.614038	0.889628

83.1477	89.8675	84.2319	85.2473	74.6319	74.5195
0	0	0	0	0	0
53.3594	48.2712	51.2533	52.8449	42.71	60.0539
0	0	0	0	0	0
9.40837	6.51944	7.48761	4.34182	10.8175	6.32064
0	0	0	0	0	0
0.829912	0.736411	0.856731	1.3619	0.92882	0.953932
12.5858	12.1848	12.5119	13.2323	12.0354	13.8792
0.0566797	0	0	0.0645742	0.306972	0.0476513
2.59721	2.36828	2.36763	2.52594	2.42443	2.29002
13.8059	12.2652	14.7606	11.3205	17.0353	13.0236
0.71423	0.76215	0.561395	0.466303	0.77983	0.524057
0	0	0	0	0	0
0.126424	0.212692	0	0.027006	0.101144	0.124554
0	0	0	0	0	0
18.8479	15.7107	23.0775	17.7474	23.6373	17.2569
7.34604	3.90598	5.46385	3.53367	11.3433	8.33748
2.5796	2.08955	2.39681	2.07559	2.14801	1.93827
1.55762	1.57992	1.31799	0.767718	1.45982	1.47052
1.93891	2.42648	2.2322	2.88579	2.5909	3.8014
10.6413	9.86172	9.85638	8.70779	8.72499	7.1289
27.2134	152.61	85.7123	46.5056	58.954	80.0752
3.77521	2.41202	3.68064	3.58655	7.21738	3.97527
70.5414	67.9851	82.177	64.8041	56.703	64.6788
2.74949	3.04976	3.58548	3.01517	3.31038	5.89159
2.42643	2.65243	0.0471792	0.266652	0.182535	0.141675
0.037439	0	0	0	0	0
0.796149	1.22508	0.648739	0.319993	0.760587	0.66924
0.152762	0.107198	0.138993	0.320257	0.324219	0.102985
14.749	15.4509	12.7891	15.067	14.8007	16.113
12.3998	12.3728	7.78516	7.66725	4.78321	5.40082
8.37218	6.95701	9.71832	9.66194	8.59945	6.95344
2.94355	2.4455	3.3479	3.58642	3.09982	3.28238
11.2905	19.6843	11.789	12.0667	10.4816	7.29322
0.453896	0.642777	0.207943	0.258558	0.513998	0.312215
0.343479	0.856087	1.2982	2.54358	2.41832	3.75397
22.9793	20.3585	21.7745	19.2283	22.2698	20.8268
6.14151	5.91278	7.13319	5.70256	8.45288	5.94614
16.9172	18.6339	18.4256	18.7761	16.1964	13.9013
0.364101	0	0.229357	0	1.57755	0.76526
0	0	0	0	0	0
21.8695	20.0105	17.0671	17.5981	15.0412	20.3254
0	0	0	0	0	0

2.71896	3.25943	3.52715	3.63556	8.02414	4.44505
45.3798	48.0937	39.5482	38.4648	28.8911	32.7594
2.62667	2.42966	2.50489	2.30221	1.87299	2.27351
0.102838	0.192234	0.12956	0	0	0.172914
86.4857	88.2346	72.8867	66.1898	63.3552	64.6453
43.1766	43.2784	40.2632	40.8558	36.1554	36.8689
0.410675	0.938267	0.776085	0.935749	0.593113	0.604203
13.2415	12.5471	15.3113	11.6913	14.1062	11.4382
27.5233	22.9405	31.602	36.0878	32.7121	34.2005
12.0314	11.6757	13.3485	11.5616	17.8899	15.6224
15.3154	17.4745	13.6175	17.0836	13.6485	15.1449
0.175169	0.109156	0.825107	0.199618	0.758993	0.294545
45.0525	40.2792	39.704	42.0337	58.2089	49.9907
0.0370139	0.201103	0.101265	0.0919179	0.107269	0.0155316
19.3798	22.18	20.6818	15.8456	20.3423	21.3486
0.0839555	0.0523126	0.158658	0.0478245	0.136408	0.141165
729.77	830.659	805.638	932.735	592.341	665.656
648.651	647.575	837.55	747.096	1073.82	856.914
8.37719	9.02218	9.19714	8.06074	8.45977	7.04058
42.4845	53.1239	39.9281	44.4982	31.4108	44.0647
0.276604	0.391799	0.949549	0.402523	1.11138	0.923968
0.147966	0.138296	0.326228	0.168575	0.280479	0.0932977
3.54702	3.65717	3.42089	2.85759	4.45926	3.41941
0	0	0	0	0	0
7.45464	7.48699	5.49911	7.01225	7.11848	9.11216
0.0424104	0.0528518	0	0.144952	0.321566	0.0713098
0	0	0	0	0	0
1.68219	0.926584	1.79534	1.10479	2.18441	1.86126
21.0988	20.5069	19.214	26.5829	9.11206	10.5949
6.36834	5.86308	5.20688	4.79745	4.95538	4.89505
0	0	0	0	0	0
1.74829	1.70336	2.64311	1.91937	2.37575	1.84394
0.695779	0.722566	0.827881	1.01288	0.418696	0.58495
4.65132	4.38546	4.66061	3.38889	5.58302	3.33336
2.77533	2.5067	3.78521	1.62445	4.96433	2.23693
0	0.0259434	0	0	0.0225496	0
7.00604	5.50427	6.33212	5.3598	7.44216	5.94697
39.3542	47.6926	36.1072	48.9138	47.1791	54.6625
13.9139	19.5231	20.9393	25.8207	20.1806	16.7126
0	0	0	0	0	0
59.7563	59.8258	55.0041	61.1835	46.3639	57.2322
4.15568	5.75422	6.399	7.89082	7.00209	6.98745
1.30885	1.643	1.93783	1.48027	1.8627	1.27707

12.7128	12.9698	12.215	11.1233	11.5302	12.4263
9.66814	9.57587	9.44778	8.29458	10.9459	9.20245
30.8179	32.2512	25.9098	35.3986	16.8941	27.1725
2.34836	4.94345	15.2727	12.618	13.5091	16.2746
1526.76	1819.37	1746.7	1688.89	1620.85	1708.34
3.87294	3.40741	3.96876	2.53245	4.63084	3.73182
1.71724	1.93522	2.14457	1.41651	1.79528	1.8036
1.1397	1.39759	1.6066	1.03453	2.88696	1.78602
41.4362	40.3102	43.5583	38.6912	42.636	35.1261
0.277133	0.288991	0.221474	0.163085	0.251187	0.23117
28.6091	24.9662	27.8914	29.6725	29.8005	26.6243
1.20385	2.7045	0.663026	0.580277	0.386699	0.357033
979.384	1163.32	978.631	1101.53	916.974	1057.78
48.7789	48.0455	57.7701	56.34	47.1161	52.4763
0	0.079645	0	0.145624	0.138453	0.0537302
27.4132	28.1138	23.5081	25.9128	29.7118	34.1322
5.8446	4.00781	7.69399	5.64041	7.91216	4.30353
5.63827	4.37951	5.63715	5.61285	8.48998	7.06165
0.373544	0.46551	0.235305	1.06393	1.21384	0.785107
0.76569	0.643531	0.493546	0.466599	0.964395	0.853309
6.15428	6.18084	7.40445	5.51548	6.76926	5.2422
0.854336	0.443613	2.33207	0.689442	1.27242	0.329198
0.0437967	0.218317	0.165532	0.0498968	0.142319	0.110461
1.55415	3.20952	1.1748	2.98475	2.2606	2.76251
1.0801	1.13349	0.429717	1.16578	1.41625	1.33819
0	0	0.0646072	0	0	0
0	0	0	0	0	0
1.71087	1.48061	1.73633	1.41856	2.15174	1.40638
1.53595	1.99385	1.65288	2.26026	2.1143	1.64102
41.153	33.1482	41.9565	36.2146	60.4251	58.6116
9.61722	11.5855	10.8149	12.6205	8.75815	10.3612
0.121187	0.0823763	0.124919	0.0376545	0.0835338	0.0277864
4.49058	4.50952	4.66879	4.76834	6.56417	4.94818
0	0	0	0	0	0
136.791	108.214	88.3446	89.2888	83.8724	112.777
0	0	0	0	0	0
0.180473	30.3435	0.800531	346.573	0.700584	8.14294
0.0299527	0.0746541	0	0	0.0324442	0.0251816
1.48352	0.953267	1.54778	1.92783	2.13419	1.98775
3.60583	3.94289	4.36467	4.00737	4.30782	4.01223
0.460031	1.14307	0.628335	1.00384	1.11773	0.86753
0	0	0	0	0	0
61.0548	62.0998	42.2243	45.0703	42.683	44.0569

0.586382	1.09612	1.84689	0.668055	0.952735	0.492978
86.9299	91.4184	90.3331	95.5944	87.9633	105.757
4.93581	4.81966	6.51522	4.29789	8.16794	5.52104
3.39254	0.797963	2.36065	1.45131	3.40844	4.75352
2.29879	1.76017	4.14628	2.19386	4.67225	2.80713
69.3878	64.41	66.6842	57.5321	63.0611	53.6562
1.73305	1.77076	2.33116	1.81269	1.9471	1.71529
1.02201	1.20659	0.655085	1.54226	0.883672	0.964731
9.91648	8.92522	9.99937	8.84611	11.074	9.12964
71.6488	66.5686	78.0724	76.7384	87.4364	74.6803
4.13167	3.83376	4.95633	4.27147	5.79412	4.54926
0.0797707	0	0.200999	0	0.086406	0.0670642
105.671	100.847	109.41	105.208	117.398	102.551
0.0450237	0	0.354521	0.128237	0.134114	0.075704
0	0	0	0	0.174088	0
7.04982	8.94097	10.5323	13.5047	8.37957	11.1194
5.55805	6.23382	5.20981	4.96449	5.94813	5.43903
0	0.0745379	0	0.0340715	0	0
6.83451	5.79044	7.03086	6.86215	9.95943	9.42485
35.4987	38.6088	33.5301	35.6244	33.7668	36.4147
0	0	0	0	0	0
6.52708	4.797	6.07952	5.75192	8.21812	8.91115
1.71E-11	2.29E-37	0.112341	3.00E-22	0.0783223	8.43E-38
2779.89	2955.07	2961.18	3534.17	2158.03	2855.5
3.54089	3.31536	3.96887	3.41241	3.56112	2.92997
55.0354	53.783	60.494	59.825	58.6986	54.6413
48.7967	60.8104	0	55.5933	0	20.512
0	0	0	0	0	0
0.261321	0	0.329227	0	0	0.219696
0	0	0	0	0	0
3.35177	2.88566	2.68754	2.42982	3.69627	1.8955
0.0354382	0.28706	0.0223235	0.96898	0.038386	0.238347
0	0	0	0	0.083713	0.064974
0.247993	0.400015	0.271368	0.283281	0.23063	0.268131
25.0942	24.6629	40.4213	40.3214	35.3753	32.2154
5.65232	4.35973	3.75972	4.82562	5.68413	5.89441
12.2052	11.841	9.69938	8.50579	12.9793	10.0163
4.01604	2.76427	1.73557	1.06405	0.581699	0.902974
2.79373	2.32103	2.05315	1.06095	1.76523	1.56581
14.2805	13.9696	15.9631	19.6322	9.26812	13.4596
2.1819	2.03278	2.18721	1.70302	2.69859	1.5786
5.62929	6.21323	6.47685	4.73571	6.87613	5.37412
1.59792	1.50916	1.38998	1.01095	2.54581	1.06983

15.8953	16.2957	16.7023	14.6487	14.5546	16.4912
0.0947792	0.0295284	0.14926	0.0269951	0.102663	0
7.02038	7.12628	7.06559	6.32714	7.05092	6.40064
0	0	0	0	0	0
9.06522	8.84805	8.83854	8.49821	9.56749	8.08313
4.72203	5.08638	7.50605	5.44174	5.33172	4.25371
3.32842	2.72397	4.7879	2.80156	5.78458	3.84236
95.9235	94.2582	128.246	107.562	126.977	115.217
1.56762	1.46321	1.27737	1.45913	1.53901	1.13976
70.0523	77.1244	62.7459	75.0345	54.8311	72.3017
3.94721	3.04065	5.9486	3.03594	7.83848	6.84696
0	0	0	0	0	0
47.7358	52.0214	43.9822	42.3116	36.3125	40.923
4.18777	3.16953	5.3779	2.07208	5.63377	2.97712
0	0	0	0	0	0
9.5585	12.9706	12.5775	8.95387	11.9641	13.929
0.853404	1.05295	0.627287	0.876666	0.833495	0.735712
125.615	126.909	119.921	130.82	119.805	132.311
12.5512	12.2602	11.0735	13.3222	12.4615	11.6851
0	0	0	0	0	0
0	0	0	0	0	0
10.9839	8.48318	11.8903	9.45104	20.4582	7.09061
0.0540089	0.0789909	0.136087	0	0.175504	0.0681089
20.7681	20.1539	18.9726	21.7113	16.8778	18.8222
51.8256	114.168	34.5624	35.6708	30.5964	75.295
4.53771	4.82611	4.94254	3.65911	5.42058	4.03955
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
14.8795	18.7	15.2192	17.9863	17.9292	17.5555
2.98802	2.2708	6.84444	2.93949	3.10008	0.997509
63.8343	85.1698	57.1296	83.4581	53.17	88.8496
4.49561	3.43148	3.85847	3.23312	1.4913	1.88976
15.737	14.7932	19.319	16.3526	18.9136	17.3828
7.0841	8.90702	9.50266	7.11599	9.9685	6.44756
0.379507	0.392526	0.366348	0.230273	1.06661	0.624315
3.0442	3.22426	4.01358	2.94767	5.28437	3.66313
0.139084	0	0	0.396139	0.0753262	0.409252
0.119396	0.0247985	0.0376053	0.0340064	0.043109	0.108742
6.0692	4.56054	6.22844	6.25353	6.12122	5.93449
0	0	0	0	0	0
0.0262599	0	0	0	0	0
0	0	0	0	0	0

0	0	0.093964	0	0.080787	0
0	0	0	0	0	0
33.2088	37.3139	39.3383	40.2996	42.0788	49.4385
0.0254985	0	0	0	0	0
0	0.0614844	0	0	0	0.0207393
55.9513	61.0403	48.1594	55.5205	53.7092	68.526
0	0	0	0	0	0
0.0342202	0.0431494	0	0	0	0
0.0678937	0.028203	0.14256	0.128917	0.122569	0.0856186
1.62658	1.61242	1.39722	1.5162	0.680727	1.08777
7.45389	6.22598	7.06835	5.90489	15.569	11.0732
0	0	0.0248281	0	0	0.016568
13.5899	12.3898	9.31156	11.0009	13.5065	15.9752
86.8724	107.278	281.848	301.854	268.426	268.898
4.24602	4.78603	3.426	2.4323	3.74654	3.58974
0	0	0	0	0	0
11.1779	10.3779	12.4224	9.6736	14.2581	12.7159
1.29476	108.693	1.48292	1408.32	2.93386	44.3326
13.018	10.6678	12.5739	12.3593	13.4599	9.48512
11.2654	10.3752	7.62657	7.73002	8.8998	7.50619
0	0	0	0	0	0
13.0356	11.503	12.9748	11.2285	10.5914	11.3368
0	0	0	0	0	0
0	0	0	0.172963	0	0
0.1177	0.0488927	0.098857	0.22349	0.594957	0.329841
88.2222	102.318	93.0612	94.7297	68.7609	102.899
0.948884	0.665155	0.896591	0.608089	1.41324	0.797738
9.32417	8.42819	9.86317	7.33776	9.79055	8.05539
52.4227	58.0786	47.778	49.001	29.5628	35.0325
0.287622	0.0896085	0.0452952	0.204802	0.35049	0.483615
27.5119	29.521	47.8952	31.466	38.3922	28.086
166.982	184.882	176.778	172.007	149.163	160.403
0	0	0	0	0	0
0	0.0379353	0	0	0.0329729	0
15.909	16.6074	14.2149	14.4542	17.0965	15.7147
6.68243	6.55711	6.55746	5.81854	8.81363	9.54145
0	0	0	0	0	0
27.8794	29.559	25.1616	33.7029	28.8436	37.7785
0.157325	0.505381	0.508783	0.242221	0.621859	0.382653
91.4621	95.2803	77.1578	84.9727	64.732	77.1338
12.5816	14.2287	13.7562	14.2709	15.129	13.9791
20.9754	23.7238	18.9843	21.2926	21.1552	22.9691
34.3212	28.1554	40.4118	41.1533	50.0568	49.87



0	0	0.470611	0	0.404615	0.157021
28.2314	27.4108	31.3868	24.5974	36.8201	31.6315
70.2098	70.1751	66.3763	62.8637	58.4999	49.215
0.349112	0.281512	0.362213	0.187171	0.578349	0.569741
7.24662	5.62775	8.39825	6.62461	8.50347	7.72516
10.9207	11.748	7.63989	9.24221	12.9949	12.5123
7.38335	6.95288	8.24034	8.36097	8.92631	7.56482
3.97209	2.21024	4.14305	3.28349	5.50318	2.87342
0.387766	0.493639	1.49616	1.28395	1.3082	1.27352
0.139178	0.126141	1.37088	1.26851	0.123345	0.170195
0	0	0	0	0	0
0.200437	0.271389	0.444468	0.248105	0.317601	0.194124
0.0255664	0	0	0	0	0
3.64165	2.57144	2.96907	2.55736	3.10136	2.46092
3.66306	3.32058	5.74122	3.24072	9.63955	8.39929
5.83011	6.88967	4.89672	5.34425	5.11737	5.90616
0.182281	0.25961	0.164034	0.178003	0.310268	0.218923
0	0	0	0	0	0
93.3409	84.8355	40.429	42.2932	42.0897	59.8109
2.22597	2.40413	4.01964	3.46588	5.38485	2.24568
29.7632	75.2121	9.37434	198.396	51.2689	19.4618
13.0896	12.7076	14.3696	12.6274	13.4963	11.63
6.94486	8.85364	8.59866	7.82122	9.42478	7.08018
0.0987315	0.123064	0.0414419	0.225024	0.285199	0.249011
0	0	0	0	0	0
20.9846	21.725	22.7823	21.0009	23.7867	17.9364
44.2984	44.6609	31.9003	29.7216	39.8049	37.9561
77.733	55.9692	81.7329	42.3283	17.4857	21.3798
11.7907	12.0862	13.8451	13.5091	13.0229	11.5433
1.10306	1.01905	1.34467	1.13087	1.76001	0.771918
50.8185	44.2842	52.5657	42.7282	75.2221	61.7996
235.497	235.111	533.545	130.23	195.613	440.35
0.0780872	0.0727316	0.148121	0.0838072	0.242453	0.352102
15.7523	16.8741	14.0463	12.9745	14.0516	15.4546
1.06228	1.2757	2.52448	1.07331	1.54913	0.518115
0.287874	0.489201	0.494562	0.536677	1.13389	1.2321
12.1477	12.9137	17.798	17.4212	19.506	23.8515
3.23877	3.2157	5.25929	3.75237	2.19687	1.63668
0	0	0	0	0	0
15.469	16.9182	15.606	13.4868	11.5761	11.8202
49.7303	50.3915	53.7993	61.116	60.4223	69.174
4.09872	5.53348	4.79495	4.78079	2.82764	3.85607
0	0	0	0	0	0

0.0116309	0.144944	0.131879	0.0795051	0.037795	0.0684475
77.469	81.7519	75.8339	90.6479	95.7974	107.226
0	0	0	0	0	0
0	0	0	0	0	0
11.6729	12.2233	12.8678	12.8369	11.9414	12.0624
56.6557	59.8379	60.9686	60.1392	61.9543	62.1024
1.71879	1.78497	8.39104	8.15914	6.36102	11.7809
19.0206	18.5806	17.9923	21.3711	17.2484	21.8379
3.83719	4.07384	2.54423	2.72389	3.27815	2.27403
1.88766	1.99628	1.76415	2.00116	1.12187	1.05486
38.2096	36.4596	39.2414	35.6969	38.1473	36.3332
8.59317	9.76737	7.89631	13.3671	8.36834	7.24422
0.031999	0.0398771	0	0.0364559	0.0346606	0.0538039
6.18497	5.66037	6.16372	5.7395	8.01008	8.08898
0	0	0	0	0	0
15.8338	17.2868	18.6755	16.8882	14.1205	15.7617
0.341993	0.403509	0.205248	0.173444	0.543783	0.227265
0.248066	0.165808	0.0896921	0.144193	0.205723	0.119705
65.3962	73.4975	75.0855	76.5886	93.7874	95.2976
0.0897108	0.0479132	0.0322921	0	0.124937	0.0430977
0.83807	0.751236	0.870609	0.502525	1.01926	0.902351
0	0	0	0	0	0
3.67903	3.40706	4.61682	3.66959	5.07141	3.82674
133.73	137.091	81.3266	91.9576	22.4095	30.229
0	0	0	0	0	0
3.31775	3.40812	2.68647	2.56465	2.73638	3.22073
0.187238	0.233294	0.471788	0.373102	0.760134	0.747307
0.519245	0.326237	0.163543	0.197189	0.516737	0.327401
0	0	0	0	0	0
0	0	0	0	0	0
4.43825	3.92999	6.65094	3.77909	6.24958	2.82798
5.43614	5.44297	6.61258	5.61669	4.81218	13.3009
156.636	145.28	105.889	115.15	47.4673	78.0764
13.7216	14.1115	16.7837	15.7846	6.63783	12.4319
0	0.0576007	0	0	0	0
0.230074	0.669008	0.43479	0.218433	0.207676	0.515803
9.21756	9.08178	8.09199	7.88046	10.001	8.12575
0.813806	0.74469	0.102973	0.216163	0.241422	0.529882
61.068	62.2535	67.9995	64.2033	67.7975	51.4424
0.559033	1.13208	1.49664	0.716509	1.05968	1.17497
32.9031	32.3448	36.8063	33.0443	30.3399	28.3655
0.0909485	0.199899	0.175014	0.414466	0.610919	0.211318
25.8875	25.4247	22.3697	25.3381	18.0118	21.8249

0	0	0	0	0	0.0194408
0	0	0	0	0	0
0	0	0	0	0	0
14.656	13.9135	15.7556	13.0044	16.0378	13.4014
0	0	0	0	0	0
10.2868	8.76682	8.85267	7.61936	7.55266	9.41895
77.5237	79.1869	79.4075	75.9909	84.9361	69.4472
2.02046	2.09179	2.54548	2.93931	3.56897	3.16205
6.81512	5.58047	6.82929	5.59395	11.4452	9.85741
0	0	0	0	0	0
0.142011	0.0353949	0.214696	0.129433	0.153824	0.214903
0	0	0	0	0	0.0315654
0.061195	0	0	0.0697184	0	0
0.050078	0.249629	0.063091	0.342318	0.216974	0.168405
0	0	0	0	0.170864	0
5.35854	6.27808	4.11239	4.55717	4.59845	4.86983
29.3402	26.196	33.0677	28.1574	30.6639	27.3994
7.81206	8.48067	8.13758	7.12179	7.63894	6.93046
1.53566	1.10558	1.63355	1.67182	1.77427	1.54907
0	0	0	0	0	0
84.1967	61.2172	71.2262	61.919	93.6219	69.3325
1.69512	1.90536	1.46563	1.72297	2.41217	2.10972
28.0773	28.8674	28.3515	29.2341	24.688	26.7582
2.1461	2.63702	3.12668	4.92092	2.27124	2.81532
22.7211	26.0635	25.3846	26.5486	24.3125	24.1219
2.26894	1.27696	3.56548	2.77953	3.43545	3.07665
11.7902	8.93703	8.87463	10.3383	16.2115	10.9066
89.2758	89.8858	79.2787	77.9074	76.7479	74.434
3.08313	2.46874	2.99671	2.91653	3.70981	2.18739
0.644968	1.0047	1.14267	0.413326	0.698616	0.626956
3.84146	4.23009	3.14997	2.9051	3.98164	3.99519
0	0	0	0	0	0
19.6537	17.2808	18.2763	18.9782	19.8342	18.1002
105.913	99.2614	99.6856	103.194	78.9388	93.9266
0.188751	0.277133	0.133761	0.103218	1.3803	0.329159
5.31926	5.99071	5.91006	4.62097	6.67891	6.37212
0.83373	0.335251	0.785332	0.956952	1.92138	1.56761
13.1051	13.1282	14.9008	13.3588	13.6618	12.3119
45.4619	41.0857	43.9904	42.8577	49.4133	49.169
2.77892	2.491	1.4127	1.58299	0.475275	0.389379
0.041896	0.0522108	0.159671	0.0745813	0.0926541	0.0786793
22.7469	23.4221	23.7946	21.0986	18.5663	17.0953
5.55801	5.98973	6.26017	4.57042	6.78132	4.86418

2.95388	2.90028	3.28649	3.26333	3.47661	3.93468
2.03181	1.57293	2.59857	2.0693	4.30159	3.98572
27.794	29.2805	23.8773	29.299	22.2631	28.4839
0	0	0.345857	0.239889	0.0743387	0.259643
9.91596	9.4099	10.7158	10.1352	11.4459	11.1366
0	0	0	0	0	0
0	0	0	0	0	0
1.6686	1.23003	2.96062	0.797654	3.47844	0.739349
52.3842	61.8604	54.3159	57.5373	54.2465	62.7922
2.76684	2.41841	1.57346	2.10148	3.87111	2.48765
1.53922	1.7216	2.52939	1.76995	2.31966	2.43939
42.6308	44.5121	47.6593	43.6049	44.9287	46.6541
10.5715	13.0857	15.3006	16.2548	12.5167	13.4022
2.64056	2.19377	1.94058	2.00556	1.98625	1.6033
0.921905	0.229775	1.85834	0.210062	0.998588	0.620045
1.48937	1.22371	0.806357	0.84227	1.2427	1.10375
0.165618	0.0515983	0.625965	0.141515	0.94182	0.278475
0	0	0	0	0.0374252	0
0.232548	0.0579603	0.146489	0.0794815	0.0755675	0.254158
3.67E-07	0.0645226	0	0	0	0
9.19261	8.819	8.58652	8.23132	10.5193	9.75798
0	0.125417	0.126792	0.114657	0.109011	0.169218
11.1316	7.79467	8.2436	10.2253	11.9567	12.9951
14.3987	13.7821	16.2644	14.8973	14.7848	12.4964
0.601718	0.37493	0.32489	0.734493	1.21043	1.08401
17.7609	16.9793	16.4571	11.4326	10.3999	11.7415
8.4974	7.87165	12.1256	10.352	14.07	10.0011
6.75892	7.60783	8.46947	8.27991	9.76149	7.48475
0	0	0	0	0.0185157	0
0	0	0	0	0	0
0.568784	0.748939	0.324491	0.207851	0.895081	0.812009
20.8737	19.036	21.4335	18.2826	21.1724	18.34
10.8882	11.4386	10.0072	8.63672	9.53972	8.6227
19.4717	18.6988	18.6629	18.6673	18.1851	17.4176
0	0	0	0	0	0
0	0	0	0	0	0
6.90506	7.81041	7.87314	5.93921	5.97333	4.20177
10.6638	11.5189	12.3749	13.3149	15.6439	13.6103
21.4976	22.3817	20.0748	20.5993	25.0543	20.9287
0	0	0	0	0	0.0345856
9.22489	10.1956	9.4396	10.0818	10.3991	8.70298
9.96955	8.76285	10.0117	8.14823	12.0509	7.81466
56.2726	52.9135	64.1598	62.8215	67.5217	72.0272

0.0161632	0.0805701	0.0610897	0	0.0700305	0.149474
6.09069	6.19654	7.63768	7.88395	8.36414	6.85716
1.47E-107	7.17E-281	2.64E-107	1.51E-246	2.87E-71	4.74E-129
0	0	0	0	0.0356711	0
3.02967	4.06923	5.85264	4.6789	5.0319	2.23577
2.40749	2.67657	2.53106	2.93542	3.9457	2.45263
4.45654	5.34709	4.04773	4.29796	3.18822	3.86866
37.7039	43.0951	33.9435	36.8987	28.1213	30.4615
6.42518	6.7608	6.42542	5.18387	6.78811	6.20042
10.4618	8.8877	14.4735	11.8589	10.514	11.472
0	0	0	0	0	0
5.4095	6.2452	5.32528	6.38972	5.238	5.81768
0.0004392	1.99E-06	0.39972	1.66E-06	1.75E-06	0.535341
11.6631	13.426	11.2321	9.43643	9.54987	9.50618
0.173506	0.0960993	0.194305	0.0439273	0.271467	0.226907
1.2535	1.32902	0.870551	0.822855	0.883964	0.633499
0	0	0	0	0	0
0	0	0	0	0	0
7.49305	7.50194	10.6411	10.8075	13.7358	11.7636
2.42996	3.17776	4.38422	4.30642	4.64677	4.71632
33.8814	32.6562	33.4746	33.4055	28.301	30.1344
0.0933022	0.175015	0.114418	0.161691	0.0673754	0.0929663
0.925331	0.899063	1.48193	1.19716	1.59688	1.14713
0	0	0	0.011314	0	0
15.9268	18.4138	15.1462	17.3881	15.2481	17.5191
0	0	0	0	0	0
6.16883	5.73967	7.41104	6.72897	7.56081	6.67085
0	0	0	0	0	0
6.45774	6.67334	9.46001	7.3711	9.39057	10.7396
39.3893	36.4079	34.4591	32.8919	39.5853	37.4437
0	0	0.0502497	0.0908814	0.043203	0
2.50341	1.94248	2.85639	2.69065	3.99072	2.4819
0	0	0.0593266	1.34122	0.051007	0.197946
0.0764604	1.51E-07	0.0413851	0.0554057	0.0534249	0.0851984
21.5852	23.8979	19.5441	23.3009	21.0328	24.0106
0	0	0	0	0.0715911	0
2.11024	1.95281	1.1582	2.11852	1.04104	0.948532
0.0631907	0	0.318444	0.359961	0.342235	0.132813
30.1061	26.5885	28.5723	26.0014	28.189	29.6434
9.45939	7.67882	26.565	17.067	18.6351	12.0557
0	0	0	0	0	0
1.08366	0.800268	1.11243	0.777335	1.73896	1.14724
5.90114	7.2495	3.8	4.91366	8.74876	10.44

52.0068	49.9032	55.2732	47.1699	47.6303	55.1778
56.3917	56.5956	55.1242	59.4702	57.4802	61.9769
9.46599	10.0412	10.3768	8.07812	11.8437	9.58392
23.0527	31.8961	20.2687	27.295	23.6877	23.9477
4.66865	5.08729	5.4556	6.11547	5.52115	5.11955
39.5428	41.2181	32.2838	39.1712	26.503	32.7561
0.17629	0.219693	0.2221	0	0.334169	0.129683
12.8886	12.9056	16.1041	14.8348	14.0755	13.6671
0.268101	0.0668214	0.202661	0.183266	0.406562	0.135237
13.1011	13.2632	14.781	12.4435	12.0426	13.9968
0.238953	0.148892	0.551918	0.207417	0.523821	0.29177
1.57949	1.25431	2.26222	1.71871	0.857379	1.14766
3.85055	2.95295	4.47797	7.08647	0.9625	0.249016
49.9576	57.0805	43.0747	48.6504	45.9302	53.9238
4.32204	5.44452	3.9595	2.85541	4.75182	4.81911
0.908269	0.699351	1.06178	0.946732	0.879773	0.63329
3312.31	3790.68	3215.29	3372.42	3151.67	3472.17
0.085923	0	0.0864603	0.225175	0.0735187	0.0735643
11.4893	10.2752	10.4729	11.2416	10.7612	13.466
0	0.287496	0	0.26283	0	0.0969753
3.04959	2.24322	3.33281	2.95574	2.86473	2.88008
0	0	0	0	0	0
0	0	0	0	0	0
28.655	29.3928	41.7486	32.8848	34.1243	40.6911
6.28467	5.98481	5.26603	4.59319	7.12849	6.55464
0	0	0	0	0	0
8.07727	8.91648	8.86605	7.85985	8.12215	6.76888
0	0	0	0	0	0
0	0	0	0	0	0
1.86122	1.65382	1.363	1.07291	1.43935	1.48085
0	0	0	0	0	0
28.4462	28.6418	25.9568	28.2739	20.4571	27.1628
0.996702	2.27716	1.46498	1.45095	1.61941	1.39657
0.449799	0.428648	0.100003	0.211008	0.286596	0.378152
76.7363	70.4884	61.9643	61.1726	50.0344	52.4282
31.2888	35.5332	35.164	31.381	28.7864	30.3331
0	0	0	0	0	0
4.56473	4.05428	4.73416	4.45348	3.85173	3.39237
0.465027	0.347481	0.263467	0.238252	0.302026	0.195349
4.75988	5.179	6.14896	6.66157	4.89409	4.6314
18.2208	15.7819	16.1087	17.6923	17.8871	20.0841
23.7689	20.9317	25.7438	23.2858	19.9139	25.2113
6.04407	6.3398	6.66698	6.54763	6.40387	5.84685

14.0955	16.5101	11.386	12.1492	10.6535	12.2582
43.2885	45.7726	47.0386	49.3775	34.4059	42.405
44.2746	31.2942	38.334	34.5325	36.6404	29.6573
9.79585	10.1957	11.7643	9.82848	10.7333	8.48873
16.9074	17.7201	17.37	18.7566	15.3767	16.4919
0	0	0.200934	0	0	0.134085
768.189	847.081	708.492	722.639	420.08	606.666
7.84378	7.6042	8.04615	8.68669	8.7625	5.91513
41.9131	46.0713	40.7035	48.7156	40.6857	43.5695
7.2424	8.49107	10.465	10.0606	7.86204	7.73114
55.2348	56.7682	57.8038	62.0307	55.67	52.6447
0	0	0	0.0492135	0	0.0181581
0	0.0565126	0	0	0	0
6.12177	6.4723	6.89153	7.19941	7.52937	6.93967
23.5549	22.0744	23.4077	19.0403	24.3718	24.4901
4.94158	6.14756	5.06441	4.1519	5.72241	4.87197
6.71581	6.47459	4.86459	4.6414	6.17729	4.94513
0.358082	0.90364	0.91554	1.14908	0.744661	1.26739
0	0	0	0	0	0
13.3593	13.0678	14.1646	13.8872	13.7301	14.5266
0	0	0	0	0.0640405	0
0.265312	0.243948	0.399361	0.490451	0.402508	0.262732
15.0554	16.5214	18.3185	14.7388	23.5613	22.4243
0.227343	0	0	0	0.0324284	0.134237
0.29531	0.220809	0.223229	0.201865	0.255899	0.645504
3.66264	3.9792	5.67925	4.92174	5.188	5.52682
0.568002	0.613464	1.14496	0.388269	1.06643	0.668537
0.588098	0.716231	0.286264	0.48728	0.970001	0.786579
34.4931	33.3746	32.0704	29.8592	23.1026	28.8215
0	0	0	0	0	0
0	0	0.0591332	0	0	0
9.18416	11.8025	12.0877	12.1383	10.8788	12.146
18.6741	18.3608	15.9688	14.9805	18.5406	15.5516
0.0605349	0.301754	0.0762652	0.482765	0.0983553	0.279908
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
13.3395	13.5377	12.7149	12.2619	12.1622	11.1349
14.5211	14.1441	15.5909	14.873	15.6127	15.5858
0.56798	0.613888	0.833555	0.700189	0.533583	0.517479
0.024071	0	0	0.246813	0	0.0404735
0	0	0	0	0	0
0	0.0702197	0	0	0.0610341	0.0473717

0	0	0	0	0	0
0	0	0	0.0638208	0.121356	0
15.8133	7.64981	8.57424	5.62521	11.13	6.11433
10.4774	9.26455	10.6474	9.30656	12.468	8.87631
0.206344	0.110205	0.185688	0.0671668	0.319296	0.198258
0	0	0	0	0	0
4.05784	4.00628	4.80074	4.1492	5.94167	3.35478
19.3809	18.0179	20.6638	20.7543	25.0413	24.2476
5.92799	6.13534	4.85235	4.69322	5.44159	4.11087
14.1711	13.4297	13.2035	12.8607	14.7371	16.0814
7.04591	6.33473	5.51513	5.33549	5.84439	5.88128
2.8688	3.27852	2.79085	2.7974	3.33533	3.15807
6.83774	5.97521	0.811737	0.587241	1.42198	1.40159
0.739115	0.710969	2.05948	1.21338	1.03338	0.741807
0	0	0	0	0	0
12.6662	8.97958	10.9401	7.99869	9.58383	10.3552
25.7045	22.8138	22.0845	24.7347	19.6263	23.548
42.8485	45.2834	41.8103	42.1163	35.9016	37.0475
11.2812	8.44698	9.67416	13.5545	13.3491	14.4256
5.50475	6.27787	3.76417	5.02291	4.77572	4.58796
0.605763	1.23991	0.860669	1.17323	1.4008	1.02488
0.755164	0.578466	0.678222	0.925465	3.34856	3.12196
19.6016	19.9238	19.7833	18.4019	20.9579	17.8335
1.77553	1.00575	2.33858	1.26427	2.73184	1.88284
18.7384	17.3618	21.7927	19.9517	19.7527	19.9463
0	0.0472517	0	0	0	0.063754
0	0.0826713	0	0	0	0.0557718
28.9735	36.1068	146.01	33.0091	0	24.3584
31.0975	32.5744	43.3982	37.7858	36.3875	31.9692
15.0765	15.3025	16.8208	13.2348	18.5481	16.8904
3.22367	3.61971	3.81185	3.48465	3.80167	3.30216
2.25743	2.06302	1.45362	1.77172	1.52146	2.40395
0	0	0	0	0	0
16.5462	14.4236	16.0313	14.874	16.835	17.8147
19.2651	19.3058	18.8413	18.2871	19.3864	17.7244
51.4962	53.7615	43.0566	47.67	40.9646	48.1137
0	0	0	0	0	0.136221
0.762873	2.33351	0.786362	0.197529	1.8029	0.0874577
0	0	0	0	0	0
0	0	0	0	0	0
1.76014	2.42039	2.02635	1.867	2.89269	2.3217
2.66573	1.87156	2.23895	1.5399	3.07725	2.10433
19.5858	18.802	19.6891	24.2786	23.4211	20.6535



0	0	0	0	0	0
0.683988	1.02286	0.631932	0.467554	0.444529	0.766716
0.14726	0.183515	0	0.188742	0.159509	0.123803
18.7043	17.7081	16.3371	12.1337	15.7394	13.8356
0	0	0	0.0995666	0	0
13.1123	12.9921	16.33	11.9142	18.9295	12.8579
0	0	0	0	0	0
8.79947	7.08023	8.95313	7.47099	9.49787	8.71118
7.16146	6.84737	9.94988	7.22601	9.74958	6.41194
65.774	72.0813	68.9048	69.1916	72.0948	81.8367
173.001	208.013	168.686	178.087	133.232	156.014
14.6421	15.4671	16.6725	17.8618	21.5262	23.3475
6.59509	6.18905	5.76911	5.64286	4.71424	4.29872
0	0	0	0	0	0.0448288
15.771	13.3916	9.30149	11.3178	15.8267	20.2133
0	0	0	0	0	0
2.24E-44	4.89E-25	8.14E-73	1.76E-32	0.16971	3.72E-30
1.07842	2.14335	2.83658	12.9574	1.9403	2.28676
9.91601	7.35521	12.1224	11.5848	13.9986	12.8137
35.8382	33.8401	30.2162	33.8162	24.4761	31.3035
25.3506	22.932	25.8779	25.2495	24.4957	25.7366
31.0385	31.6923	29.128	28.6151	25.447	26.5625
118.405	121.612	116.416	107.384	98.4189	126.355
15.0007	13.3598	15.4223	13.4255	17.0595	12.3298
14.5892	13.2675	11.4144	9.60089	8.96288	7.43743
0.401655	0.206106	0.0595326	0.0538352	0.153552	0
0	0	0	0	0	0
24.538	22.9293	25.4342	23.3315	27.3033	20.2422
5.72995	4.73919	5.58744	3.2764	5.38347	3.62742
6.22532	5.68978	7.06368	6.27984	6.41407	5.87103
0	0	0	0	0	0
0	0	0	0	0	0
18.194	18.6228	20.0753	20.0959	16.7448	15.6292
0	0	0	0	0	0
15.9368	14.7919	15.413	14.8304	16.1723	13.997
0	0.0143637	0	0	0	0
0	0	0	0	0.0478031	0.0371024
0.0659652	0.107278	0.129646	0.237483	0	0.0894718
1.17109	0.707595	0.581221	0.76818	1.03787	0.895048
27.3226	35.0302	24.5989	28.4665	21.9898	33.6842
2.70291	1.93453	2.79806	3.07755	1.36963	1.79056
2.86714	2.38482	2.03615	2.46836	1.99349	2.04331
0	0	0.0519025	0	0.0337789	0

7.35971	7.09506	8.5024	6.2965	9.08494	6.28079
58.7624	55.4703	44.5522	59.9315	67.8427	71.293
3.42594	4.31822	3.41419	5.0925	4.56135	3.72244
0.870506	0.813618	0.274178	0.371907	0	0.823326
0.051934	0.0369829	0.0186941	0.0253575	0.0562539	0.0748484
2.63101	3.04862	2.82176	2.41548	1.64117	2.2013
1.29932	1.45293	1.91939	1.5377	1.1837	1.23415
2.09065	2.32544	2.13325	1.7913	2.5827	2.16436
0.990357	1.20533	1.37004	1.25373	1.46462	1.56277
0.111412	0.173552	0.175454	0.412522	0.211189	0.374662
2.09839	2.70336	2.30442	2.19682	2.59544	2.49126
0	0	0	0	0	0
4.01624	5.39376	4.08654	3.55337	4.42801	4.43156
0.508866	0.443382	0.727437	0.763447	0.750816	0.331124
7.90587	7.84664	7.86148	8.81402	5.99443	5.19856
0	0	0	0	0	0
0.0409921	0	0	0	0.0888037	0.0689252
36.922	37.6366	40.3182	32.115	38.5447	30.2773
9.90026	8.03074	12.0265	13.1451	14.7931	13.4993
0	0	0	0	0	0.0743491
37.5276	33.76	40.6803	36.8824	47.0685	41.3687
7.23093	7.4673	8.1384	7.57557	9.13323	6.13227
24.2009	24.4432	25.4262	31.0518	29.0256	37.3987
0.100482	0.313052	0.0949446	0.543768	0.19047	0.190072
33.774	32.1785	34.1236	32.5844	35.3655	33.7926
25.6119	24.6001	26.1474	20.5191	28.6327	20.141
8.58125	7.66481	9.30683	7.78081	8.81536	8.04997
0	0.0444437	0	0	0.0386299	0
8.84535	8.48862	8.24931	8.01445	6.64505	7.1168
8.62837	8.32257	8.12917	8.76055	6.0285	8.97052
12.8341	7.80265	11.2289	6.51344	20.1984	12.643
10.1383	11.663	13.1808	17.2722	11.6205	15.338
0.367058	0.422241	0.747018	0.289511	0.672845	0.30859
3.78505	4.04093	2.39949	2.37585	2.11523	1.89509
0	0	0	0	0	0
1.50866	0.401087	0.304112	0	0.261465	0.202936
0.0840876	0.03493	0.0353127	0.0957996	0	0.047129
3.98042	3.82732	5.83272	3.10097	6.72137	4.11395
0.315304	0.224564	0.425173	0.534361	0.170218	0.396515
12.6035	11.2294	7.86511	10.266	6.73026	7.37755
0	11.2174	0.0900025	135.269	0.619049	8.46839
0	0	0	0	0	0
28.043	31.6908	25.6559	27.5817	30.9514	30.0511

30.6645	30.8514	25.762	22.9593	34.6584	30.4938
0.743601	0.836786	1.02807	1.67808	1.12034	1.05376
17.4186	17.4224	19.9166	17.9863	18.663	16.718
3.41238	4.41714	2.86115	2.92963	2.06219	1.51563
0	0	0	0	0	0
1.55119	1.30118	0.486036	0.572553	1.65896	0.738844
0.223798	0.383483	0.140977	0.0318711	0.0909051	0.251587
0.250322	0.519919	0.315369	0	0.271144	0.420898
27.0182	24.326	29.1942	21.916	25.1362	20.3101
11.0881	9.59267	7.22379	8.88161	7.45085	9.9161
0	0	0	0	0	0
1.42256	1.63097	2.86755	2.20415	1.54089	0.908933
0.12397	0.308983	0.312369	0.918041	0.537128	0.364781
28.6758	28.7081	27.5181	26.3795	28.8253	27.2502
7.14668	6.36208	7.66444	5.19319	7.49742	5.30603
0	0	0	0	0	0
0.230523	0.205198	0.331914	0.675335	0.392382	0.166117
36.3825	38.3668	33.8636	33.7975	34.4344	41.8566
9.33753	8.04342	6.68686	7.428	9.15603	6.22505
1.67205	1.17128	1.73444	1.63124	2.64	1.54362
0.129595	0.319181	0.451391	0.0885875	0.458559	0.260193
0.0259815	0.102341	0	0.0296003	0.0281426	0.0196587
0.333449	0.104627	0.196908	0.109434	0.554039	0.412336
103.479	107.766	111.383	110.991	121.262	112.046
0.205894	0.170696	0.262576	0.11043	0.213397	0.151063
26.829	19.0491	29.7819	14.2125	29.0264	15.4529
0	0	0	0	0	0.292292
19.8879	19.7923	20.3929	18.7882	24.1302	18.8863
4.08549	5.05548	5.79958	5.11343	4.05135	4.28131
0.305836	0.564641	0.620776	0.600081	0.730033	0.380919
3.13245	2.57258	3.85572	3.15856	3.57228	2.67385
0.32937	0.537552	0.25587	0.262448	0.491045	0.713277
29.032	24.1576	28.1207	25.8216	33.0257	35.1986
0	0	0	0	0	0
0	0	0	0	0	0
20.5925	31.9804	38.3239	27.24	53.899	34.8352
0.0667999	0	0	0.0380518	0	0
14.7471	14.6398	15.7238	14.8027	16.8001	14.3104
8.26257	8.97971	9.64986	8.59134	10.9214	9.73265
0	0	0	0	0	0
0	0	0.245658	0	0.211209	0
2.67713	3.01465	3.11177	2.73211	4.50623	3.25491
9.55969	8.67464	7.46819	6.24229	11.1809	8.3962

0	0	0	0	0	0
4.79979	3.62237	4.99151	3.99202	10.4669	6.04616
20.9401	23.1353	21.3022	19.1208	19.8042	31.1101
3.25963	3.01759	2.87466	2.78523	3.68208	3.36679
0.753735	1.02481	1.20829	2.0552	0.818042	0.36458
2168.57	2359.04	2246.69	2175.89	1801.48	1754.67
19.0997	22.0396	19.4028	19.2616	18.9684	15.8315
0.239373	0.44746	0.188484	0.272714	0.453747	0.427643
7.71999	4.94301	4.01577	4.27689	2.30146	2.26262
11.3467	9.19149	9.96437	8.60752	11.1782	7.48117
15.1991	13.7967	14.1473	14.4674	13.2938	13.8938
31.1187	38.3144	31.6196	31.6865	33.839	31.4399
0	0	0	0	0	0
4.23982	3.66367	3.67717	3.78622	3.71529	4.11939
10.2816	8.02621	9.08346	7.0877	8.12127	12.3739
0	0	0	0	0	0
179.931	78.5733	73.2863	232.892	263.944	269.757
18.2364	17.2793	18.1587	17.9724	20.1365	20.7811
0.207085	0.331804	0.0745421	0.303337	0.288399	0.671525
123.612	125.12	108.006	126.836	83.9892	113.784
0.012833	0.0159924	0.0323353	0.0292407	0.0278008	0.0107888
10.6134	10.5117	13.7543	17.4882	12.8956	17.1429
125.782	88.7582	115.035	103.329	174.374	294.137
5.13076	5.13288	6.17288	3.75749	5.55879	4.64234
7.47569	7.34755	6.26957	9.99945	9.50428	9.12476
3.33881	2.38216	3.36684	3.04462	4.75139	4.56887
0.125986	0.177937	0.402101	0.411463	0.227442	0.374243
27.2894	26.7541	24.567	28.6701	26.444	30.5726
51.6118	53.7412	45.8817	50.8647	41.6026	53.1583
3.9645	2.99673	2.34756	4.59073	3.0975	3.98867
8.17324	7.74901	8.09581	6.66049	3.51175	3.30009
0.920463	1.45247	1.76206	1.94753	1.42585	1.76376
0	0	0	0	0	0
14.6169	15.2065	14.5826	19.4854	18.4055	19.915
5.67297	6.21583	7.11259	6.8378	7.25805	7.30377
0.0665868	0.0414902	0.0419448	0.0758612	0	0.0279901
0.0432379	0	0.0544735	0.0985204	0.0936688	0.0363506
0	0	0	0	0	0
30.1794	28.16	32.6672	33.929	24.2423	31.4563
10.7403	10.5555	12.3349	11.9028	10.1843	12.3795
3.38274	3.91141	3.93214	3.9904	18.1032	19.3703
0	0	0	0	0	0
34.71	32.0203	32.1541	35.4813	30.7326	35.0441

0.139005	0.519684	0.525378	0.316732	0.451702	0
0	0	0	0	0	0
32.0167	32.9659	33.0517	35.6599	31.6655	39.0433
0	0	0	0	0	0
47.5492	42.4632	46.8247	44.7029	46.0009	45.0127
8.49793	8.40306	7.73874	8.73445	8.80451	6.87252
31.9671	38.1395	23.1408	23.0245	26.2634	27.2145
62.1537	61.2819	44.8823	40.6	49.4448	66.6482
0.0501216	0.0624614	0	0.285513	0.0542907	0
5.64832	5.68221	4.78488	5.47407	4.59177	3.37161
0	0	0	0	0	0
3.69106	4.83995	5.88194	4.61335	7.88383	5.49391
0	0	0	0	0	0
7.70084	5.50361	10.8117	6.06165	13.8264	5.49802
29.9738	32.0902	28.7367	27.8955	34.3191	34.0975
12.8427	13.2115	13.8045	13.9019	12.5237	14.5456
0	0	0	0	0	0
0	0	0	0	0	0
3.73294	5.2387	2.77521	1.97532	0.990292	0.76264
0.379417	0.452271	0.207831	0.770556	0.553925	0.499274
11.8275	15.8732	19.3861	24.9667	15.7106	18.3572
5.80545	4.75542	5.58824	6.42826	7.13621	6.19686
7.24174	6.04602	6.05244	4.95023	9.39578	7.79824
0.100593	0	0.126733	0.343812	0.0544802	0.126855
0.0353579	4.16E-59	5.87E-42	0	0.0491183	0.119054
2.49431	2.48672	1.88548	1.32614	1.98131	2.79599
73.7195	84.7968	65.7677	78.6262	55.6182	72.0477
13.2109	11.6331	16.444	13.3839	14.1496	12.4556
0	0	0	0	0.0251384	0
0.720932	0.653956	0.426331	0.407879	0.424979	0.470034
0.429761	0.468622	0.609116	0.48962	0.872828	0.587121
4.35619	7.58527	5.26262	7.81831	4.00752	5.97005
13.8021	14.4247	14.0193	14.4934	16.1082	18.3713
0.189761	0.208488	0.131733	0.105889	0.379468	0.159534
0.0766291	0.0954159	0	0.0872722	0	0
0	0	0	0	0	0
24.3846	21.0201	22.1927	20.154	22.4429	17.199
0.203496	0.0633991	0.128188	0.289799	0.220423	0.171081
0	0	0	0	0	0
0	0	29.1055	0	25.0239	0
0.020949	0.0261067	0.0351903	0.00795563	0.052947	0.0058707
7.07693	3.55649	4.84582	6.59726	13.3884	12.4143
30.5321	27.9271	31.0687	40.7494	28.5668	38.791

14.3749	13.6977	16.0564	13.9805	13.6338	10.523
18.0556	17.0376	13.7881	16.1438	18.8044	21.2018
12.2012	7.50784	8.85912	5.71615	9.9018	5.73601
0	0	0	0	0	0
60.884	55.9036	71.0502	63.5885	70.886	64.7863
16.7668	16.2341	16.4965	14.1582	17.8623	14.4675
6.98634	6.76024	7.57643	6.36754	7.45618	5.26888
0.116993	0.143159	0	0.0661916	0.142254	0.0922077
0	0	0	0	0	0
0	0	0	0	0	0
0	77.1402	134.926	30.6532	69.2157	22.14
22.7946	23.8558	21.745	20.5199	20.6734	17.9405
0	0	0	0	0	0
26.421	24.8564	26.7997	18.0725	31.858	23.24
0	0	0	0	0	0
8.48734	10.4024	7.48261	8.85514	6.73441	6.34599
100.301	102.201	89.9707	63.7234	134.379	114.744
51.0819	56.0371	61.3343	57.1038	48.4469	48.6913
23.5732	25.5759	25.6608	18.9056	23.2942	17.4714
0.0447052	0.0278558	0.0563221	0.178262	0.0968476	0.150337
88.3896	80.6439	108.303	97.8449	78.2993	94.6974
419.345	377.114	297.919	260.564	266.417	345.319
0.678277	0.96761	0.652142	0.732079	0.638026	0.55523
19.0266	21.5513	19.0929	17.2237	18.1329	16.0269
0	0	0	0	0	0
0.120072	0.0498777	0.151273	0.136796	0.130059	0.134594
13.4602	14.9616	14.8515	13.7597	12.3488	14.5167
6.06655	5.47565	5.42557	5.87337	5.15147	4.39711
0	0	0	0.343232	0.489495	0.379923
3.56687	3.78443	5.64829	4.85184	5.42066	16.3532
1.61239	2.16748	1.9017	1.73037	1.66766	1.78112
48.1457	47.3248	42.0834	54.4263	29.3093	32.7107
0.824824	0.808711	1.07736	0.628775	1.19562	0.739329
0.108608	0	0	0	0.705853	0.365233
0.329388	0.289752	0.0732318	0.375266	0.272836	0.130315
13.7778	12.4294	12.6574	13.0841	14.845	15.0719
18.6973	17.4044	23.3977	19.5313	24.8572	22.2019
1.2418	1.01396	1.13571	7.96E-05	0.490844	0.345299
0.499911	0.186897	0.377889	0.113908	0.324896	0.168112
55.7951	53.1166	53.2955	54.415	54.6821	61.5983
7.14177	7.23456	8.12079	5.04368	8.82155	7.57253
714.667	695.443	466.975	417.757	367.307	527.069
0.0445761	0	0	0	0	0

29.6846	29.411	20.9734	24.298	18.9736	25.0686
0	0	0	0	0	0
8.73693	9.26194	13.634	15.4616	16.9901	15.6444
2.72238	2.47418	5.02153	3.1701	4.187	3.7429
0	0	0	0	0	0
0.283727	0.17679	0.223409	0.161623	0.192079	0.208716
15.5754	15.5355	11.8452	14.0207	17.2648	21.473
0.570857	0.304886	0.616454	0.557458	0.0883343	0.342804
1.78032	1.9415	0.935485	0.732905	1.19942	0.853989
7.92396	10.1676	8.50231	8.70298	10.6628	9.38768
0.0628884	0.13715	0.118845	0.0716477	0.0681194	0.132178
12.2775	9.77027	12.362	12.0777	9.34668	10.4877
0	0	0	0	0	0
11.9463	12.9098	13.7059	10.9221	11.7239	10.2398
0.245118	0.111078	0.308813	0.507743	0.265507	0.206074
27.4505	27.9651	29.4545	28.0491	26.4737	27.3434
0.0868772	0	0.0364842	0	0.0627357	0.0730387
9.6088	8.21024	8.59648	7.25303	9.77717	8.69884
13.8113	15.1732	16.791	14.4872	16.5779	17.148
2.55493	2.20356	3.10557	2.54374	2.60514	2.5322
0.807291	0.550648	0.743129	0.556668	1.20462	0.651001
0.998851	0.879728	0.560742	0.774558	1.23826	0.853171
21.9117	21.5819	25.8529	21.4337	23.2417	22.2929
4.99942	4.57736	6.83423	4.95253	7.69994	6.57689
0	0	0	0.0244964	0	0.00401665
0.829283	0.620071	0.626866	0.141718	0.988089	0.766907
65.9651	66.3461	56.2791	73.9477	51.3904	58.9428
4.17464	3.60055	4.63543	4.21868	4.34305	3.95581
11.8178	13.6177	8.87332	8.42773	9.13087	10.8092
0.0764609	0.045737	0.0786772	0.0367498	0.137923	0.104136
3.03697	2.45235	1.37881	1.02758	3.02297	1.78709
0.323807	0.441434	0.33855	1.39855	0.231737	0.395356
0	0	0	0	0	0
0	0	0	0	0	0
0.097572	0.236795	0.553169	0	0.986387	0.437493
3.59928	3.31713	3.81748	3.31863	5.31307	4.10968
24.6726	17.5176	25.2041	18.8241	27.9472	23.0733
1.30495	1.32505	1.01014	1.32645	1.20386	0.791752
0.0855866	0	0.0359422	0.162512	0.0927057	0.143907
11.7166	10.1297	15.3748	12.5868	18.8075	12.6877
8.08715	8.90356	6.85573	6.11929	10.1946	6.38796
0.132522	0.0202223	0.250438	0.197199	0.035154	0.0920863
0	0	0.161573	0.0730551	0.0694575	0.107819

30.6629	31.0028	30.2934	32.272	37.4788	41.5212
7.53876	8.72833	7.83133	7.61816	7.54952	5.5683
2.73741	3.34699	2.47268	4.64861	1.28675	2.08426
0	0	0	0	0	0
28.237	30.0169	30.4568	25.2594	31.2655	27.1266
10.6337	9.25812	11.3688	9.10766	12.2558	9.78744
10.6083	12.5461	14.412	13.0822	16.3921	18.3307
1.79319	2.01422	1.31627	2.79097	0.57362	0.992087
30.8439	29.5017	22.4984	25.9739	32.7592	33.1756
1.23538	1.15465	0	0	1.67268	0.259651
0	0	0.0428241	0	0.0368187	0.0285769
4.29616	5.58257	5.65861	4.44611	6.22028	5.79029
0.859717	1.18437	1.75112	1.8602	1.12524	1.39303
0.982955	1.89312	1.01322	0.661738	1.83906	1.95327
0.187289	0.291748	0.353934	0.266718	0.355017	0.118092
1.44835	2.22962	0.483011	1.26183	0.138426	0.179065
3.49983	3.21958	3.58087	2.88867	4.14278	2.88747
0.143784	0.088191	0.12383	0.0806248	0.155743	0.107974
0.805538	1.14075	1.01486	1.0846	1.50712	2.00089
17.9399	18.0517	13.6813	17.338	15.1218	17.1302
4.17837	4.03395	3.80766	2.72826	3.5957	2.77692
0.122822	0.0644467	0.0570088	0.0220941	0.0560162	0.0271732
0	0	0	0	0	0
0	0	0	0	0	0
24.372	24.0145	27.1462	23.4859	24.6604	22.0507
0	0	0	0	0	0
3.71851	3.3212	4.32823	3.43931	4.05336	3.03367
3.25073	3.59194	5.21487	5.18491	3.28639	4.02652
10.2479	11.0789	11.1371	12.7817	10.9428	12.3365
55.8313	60.5749	54.2585	58.1559	56.4148	63.1033
9.49666	10.8145	10.211	9.74677	8.64606	11.8039
9.25445	9.71382	11.6593	10.2774	13.0283	12.4191
16.5954	14.9587	9.2698	8.81097	7.85351	11.446
24.6172	25.1964	19.3826	20.0266	29.1829	24.7084
0	0	0	0	0.0363993	0
6.50363	6.15262	5.46171	5.90346	6.79977	4.57698
5.58116	5.93159	5.33483	6.96215	5.6837	6.60845
1.12116	0.924306	0.830987	0.788673	2.6073	2.03749
0	0	0	0	0	0
0	0	0.870837	0.393748	0.374358	0.581117
0	0	0	0	0	0
6.06077	5.07607	6.87585	4.03191	7.50659	4.46372
0	0	0	0	0	0



5.18361	3.84444	9.81182	6.88509	21.3362	14.5193
0.028872	0	0	0	0	0
10.5178	10.6679	9.22179	9.97254	9.76515	10.0477
26.6532	23.0772	26.0947	40.1216	34.5515	42.0707
0.0785676	0.156657	0.0197967	0.0716086	0.0851028	0.132105
122.314	117.054	116.162	118.567	104.475	114.157
0	0	0	0	0	0
14.2669	13.4861	11.6163	15.0072	12.7024	13.5959
18.9552	19.1025	15.5346	21.2097	15.6609	19.879
8.34408	7.88947	10.2902	7.40258	11.8546	8.19976
7.41287	7.69285	9.61324	8.18216	12.1756	9.55602
11.3397	11.2097	12.9414	10.7232	9.69938	10.8191
5.26733	5.9251	4.47408	5.81121	5.65636	4.53385
6.79154	6.01185	7.74146	6.21762	8.77229	6.03827
0	0	0	0	0	0
0	0.345401	0.261889	0.0789419	0.525381	0.233015
0.0601096	0	0.227188	0.0684818	0.260438	0.505349
3.28377	4.34478	4.17355	5.07654	4.77137	4.40297
5.16951	5.02658	6.72024	7.82145	6.72297	5.32878
0.81457	0.858944	0.55259	0.856639	0.678712	0.526784
0	0	0	0.0977525	0	0.0721346
9.73639	8.58136	9.20871	8.97046	12.9612	13.3103
1.88768	2.45527	1.77598	2.03349	1.2545	1.30722
42.7384	43.7719	42.5309	43.2328	40.1952	35.7728
21.8877	19.2465	18.5811	20.5317	23.3538	23.3025
7.85775	7.14333	7.70304	6.12232	7.12729	5.98364
1.64671	2.03444	2.21769	2.11866	3.01381	3.03138
0.189708	1.41848	1.52963	1.38324	2.42476	2.83892
3.17784	2.36306	2.27541	1.54941	1.91527	1.73227
1.29913	2.50205	0.297584	0.807314	0.298495	0.132387
0	0	0	0	0	0.0208824
8.1198	8.17643	8.76812	6.60143	9.8715	6.82495
12.6983	10.467	10.8332	9.19861	10.1209	8.62417
0	0	0	0	0.0833775	0
23.6759	27.5038	24.2973	22.4196	31.3257	26.9847
6.33687	6.38242	5.76241	4.55803	5.43015	5.24671
0	0	0	0.11838	0.4502	0
3.96182	4.50789	5.20833	2.35494	5.59743	5.06853
7.3037	5.67138	4.17611	3.77672	5.27422	3.73142
2.96848	4.73818	3.13431	3.7975	5.12242	5.45641
40.6078	46.3811	36.669	37.9007	14.358	17.9837
0.0213661	0.0266265	0.0269182	0.0486842	0	0.0179628
6.45402	3.79917	6.01042	3.74771	6.28859	5.76263

8.40201	10.6316	8.50839	7.2738	8.40113	9.90844
14.5577	12.9166	14.1936	12.746	14.961	12.9636
5.13732	5.44756	4.65549	5.59615	6.00395	4.20535
0	0	0	0	0	27.5213
7.72586	4.27602	8.57673	5.20464	8.84149	4.79547
4.39998	4.95736	7.32624	6.73842	7.55731	6.20712
0	0	0	0	0	0
24.8189	25.0778	26.6924	22.7958	23.4809	21.3332
0	0	0	0	0	0
34.7555	28.7895	32.1448	34.1745	29.5355	35.9303
1.50676	1.74065	0.957121	1.1493	1.82642	1.47836
0	0	0	0	0	0
24.6	25.4121	23.2976	25.2964	21.2306	25.3574
0	0	0	0	0	0
16.1987	17.5131	14.0984	15.8782	13.9483	12.9472
0.543302	0.677062	1.30674	1.01287	1.12349	0.955045
1.21007	9.85215	2.03268	4.50345	4.28168	1.35642
6.10849	5.28457	6.54413	4.10526	7.73312	4.66409
0	0.707408	0	0.38803	0	0
49.8562	47.1964	40.6572	41.3129	36.8326	44.377
15.2033	14.146	15.5093	14.9385	15.4518	16.3372
14.8115	13.5499	15.0131	13.4868	16.9187	14.4616
0	0	0	0	0	0
6.66723	6.36491	8.37571	9.44878	9.72762	8.86409
14.9825	14.7928	18.2263	13.2372	20.5056	14.6997
17.7253	14.4864	10.6636	10.3632	7.67986	8.13248
0	0	0	0	0	0
6.39896	5.64693	5.90167	5.79032	7.51159	6.89835
0	0	0	0	0.167836	0
12.1557	11.2135	13.2414	13.4941	11.0473	11.2663
0.226876	0.409046	0.286823	1.12006	0.301041	0.42414
0	0	0	0	0	0
38.8967	35.8503	43.1981	35.7445	42.8013	47.5091
0	0.0555278	0.0124746	0.0112808	0.0482641	0
23.019	19.8354	25.5901	22.1733	28.0661	28.7744
0.077153	0.0292274	0.0797507	0.0570464	0.0130034	6.61E-108
0	0	0	0	0	0
5.82769	5.27993	6.25164	5.43735	7.25886	6.09135
26.2014	23.339	23.6515	19.0543	15.7509	18.3187
1.89752	1.60776	1.68496	1.13564	1.95593	1.29395
0	0	0	0	0	0
2.80591	2.70071	4.23799	4.62353	3.43124	4.56464
0.0445841	0.166682	0.168509	0.380955	0.241463	0.187412

0.167765	0.118824	0.134476	0.210306	0.0660662	0.124958
30.2136	31.535	28.5712	32.3159	25.9683	27.1799
0.824558	70.5654	1.03882	835.179	1.02357	36.6922
0	0	0	0	0	0
0	0	0	0	0	0
0.383562	0.438161	0.483232	0.436985	0.3116	0.429953
2.56516	2.17957	1.68931	2.39109	2.02075	2.91626
0	0.0169635	0	0	0	0
1.29089	1.12354	1.25201	1.10885	1.2207	1.2403
31.738	32.5272	31.1854	32.1564	32.6082	33.8597
0	0	0	0	0	0.0260483
39.916	42.5002	35.3317	30.4101	31.4805	26.5115
0.559603	0.591713	0.470012	0.502309	0.551046	0.741339
2.81042	2.36253	2.11605	2.40614	3.76471	2.62839
0	0.249792	0.368135	0.11005	0.438967	0.403056
0	0	0	0	0	0
3.05022	3.73652	4.66814	4.87691	4.67201	4.78924
15.778	16.0665	14.7326	18.1745	15.8049	17.5788
0	0	0	0	0	0
0	0	0.0657624	0.0594687	0.0565402	0.0658257
4.04387	5.11807	4.40409	4.31022	5.546	4.09847
2.44237	3.58881	1.74518	2.32571	0.671251	0.858106
6.7123	6.28914	6.82786	5.21143	7.37834	8.21388
1.1086	1.18812	1.34081	0.808324	1.94531	0.950652
0	0	0	0	0	0
328.821	287.72	231.677	210.692	229.072	203.191
0.165091	0.290134	0	0	0.378078	0.302966
8.22954	8.47169	13.1629	12.5763	19.2932	17.0632
53.6327	61.3958	57.5696	53.7835	40.8708	41.0782
0.796886	1.19169	1.07089	1.14998	1.0358	1.69721
7.09787	9.63626	9.22209	9.67602	9.5562	9.79277
0	0	0.0236317	0	0.101589	0.0157697
13.1432	14.1989	13.2666	12.3802	12.8395	12.0584
0	0	0	0	0	0
4.80787	5.16276	6.44958	6.53939	10.1003	8.27054
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.0201778
4.93211	7.71092	4.85801	8.27535	4.17675	4.37266
0.985736	1.22842	0.993507	1.23534	0.960957	2.0718
12.9638	13.0404	14.4609	14.4136	14.4644	14.871
0.0697917	0.103614	0.0961024	0.0492846	0.0918409	0.0654635
1.35403	1.38366	1.05765	1.69689	2.02399	2.4816

0.454402	0.519085	0.190827	1.16481	0.328132	0.159175
1.59511	1.38496	5.40288	2.38332	6.28803	3.68233
0.798277	85.388	1.74088	711.504	2.06192	35.4576
12.4858	10.5247	13.3191	11.4907	19.0197	14.5579
0.115267	0	0	0.175096	0.166473	0.129209
19.4616	19.193	16.9926	17.3869	15.7724	17.0286
15.4285	10.0315	13.1627	10.3172	24.6499	16.0304
0.834369	0.431548	2.2308	1.07831	0.859895	0.847042
11.0058	9.75698	9.53655	9.24317	9.96107	9.37383
9.81968	10.7658	10.6491	9.33551	10.722	10.1752
0	0	0	0	0	0
0.043012	16.9917	0.325133	216.004	1.21133	13.3794
0	0	0	0	0	0
1.35262	0.722415	1.37951	0.660436	0.837218	2.81584
8.66486	6.37541	6.20143	5.89922	5.11597	5.83599
0	0	0	0.037263	0	0
3.46565	2.71718	3.16622	3.47769	3.96523	2.81713
0	0	0	0	0.0913041	0.023622
0	0	0	0.10986	0	0
0	0	0	0	0	0
0.157587	0.179679	0.0990804	0.0447991	0.255558	0.187504
0.135539	0.307107	0.452011	1.96872	0.327709	0.475355
28.8712	27.931	34.7935	33.2309	34.5628	35.8443
20.0183	18.0554	17.7226	21.8472	15.6273	25.2698
25.428	32.2466	23.4064	29.7154	18.7957	27.4632
1.41492	1.08	1.31476	1.85379	2.49049	2.28989
9.29601	10.107	12.817	10.2396	13.8195	10.9852
5.85527	7.94027	4.53956	6.14516	3.96246	4.09139
38.5543	40.4221	38.8583	41.2435	43.8134	39.9001
17.8819	19.6331	21.4198	21.2861	19.5171	17.0288
65.9669	60.05	74.9331	58.918	67.8148	58.8899
11.694	11.9361	11.1061	12.7009	10.4719	11.7359
0	0	0	0	0	0
3.51395	2.44498	3.65232	3.06926	3.17186	2.28952
0	0	0	0	0	0
0	0.0960542	0.0971067	0	0	0.0648002
3.54292	3.74821	4.14261	3.07822	5.41117	3.42853
9.69459	9.84434	11.9549	9.30776	11.6782	8.28218
11.962	11.0017	14.164	11.6506	16.4972	10.9099
9.98709	9.53926	9.34796	9.59472	7.74881	7.40925
8.19149	6.94437	8.05949	7.12312	8.22097	7.3458
5.62339	5.27752	7.12838	5.00271	5.84674	5.39886
21.9311	16.3487	20.9687	11.1731	28.451	10.2166

21.7743	21.153	18.2009	21.8663	25.8456	28.1195
3.34565	2.91854	3.04632	1.69216	3.09682	2.05841
13.2949	13.9394	15.3834	16.8728	12.1481	16.0102
2.3301	2.34543	2.08878	1.68467	2.18415	2.03428
0.120072	0.149633	0.151273	0.31919	0.433531	0.168243
2226.08	1040.46	5258.09	3804.93	4521.89	4679.1
1.18564	0.799496	0.572941	0.194291	0.897227	0.402811
0	0	0	0	0	0
1.09203	0.957656	0.86624	1.05981	1.00762	0.81607
19.3107	20.1736	21.0172	17.9991	20.1987	19.7171
0.102536	0.0283956	0.12918	0.561975	0.0987244	0.0862033
3.28915	4.51856	3.30502	4.28111	3.28792	3.3072
0	0	0	0	0	0
0	0	0	0	0	0
0.809857	0.812318	1.24427	0.742626	1.51909	0.905041
9.18517	9.1266	9.6028	8.00345	9.43556	8.32745
14.9255	14.4974	15.1153	12.5124	19.578	16.7709
18.7713	16.2528	15.1012	17.2203	16.2635	13.7954
0.589501	0.613631	0.421159	0.618552	1.12843	0.910218
0	0	0	0	0.0326479	0
12.915	14.5875	11.5366	9.79283	11.0261	10.8215
16.6104	17.4014	25.4683	19.1426	21.36	18.1481
0	0	0	0.0769732	0	2.09E-10
10.5355	12.7488	8.43019	7.14081	8.12025	7.5116
7.47947	6.90867	6.6332	6.33359	6.37394	8.24091
1.292	0.95321	1.77926	1.00106	1.69204	1.17288
0	0	0	0	0	0
19.0928	18.1375	7.65729	8.43495	9.50409	10.9209
19.459	21.9994	22.2797	20.0056	20.9764	20.3903
0	0	0	0	0	0
2.76924	1.70E-05	6.95E-05	8.38E-05	2.7739	0.000716738
1.4974	1.16909	1.68194	1.68541	0.703496	0.864532
4.33789	4.69673	4.12575	6.11307	3.97548	3.54857
0	0	0	0.3362	0.159822	0
0.381774	0.778918	0.128923	0.138175	0.245328	0.193573
0	0	0	0	0.167546	0
2.00002	1.93011	2.66569	2.12575	3.94307	2.34786
1.72564	1.51046	0.828212	0.468093	1.11261	0.397234
5.34447	5.45564	4.63717	4.77579	5.67828	4.62601
29.8185	31.4642	30.2194	33.0025	39.8868	40.9698
0.0407025	0.101447	0.0512793	0.0463717	0.0440882	0.0684382
0	0	0	0	0	0
0.0364723	0.0305046	0.0245765	0.0192938	0.019911	0.0289748

0	0	0.112802	0	0.0969829	0.0752735
1.41535	0.766875	1.35674	1.82281	1.29979	1.62965
0.610997	0.30457	0.461861	1.11376	0.794184	1.13008
13.6905	15.4605	15.5418	12.3296	14.7728	12.3761
27.805	27.2753	25.3243	27.2774	13.1582	13.4599
44.2124	43.7887	37.7493	29.5634	32.332	30.3405
7.84041	7.10005	8.26441	8.60493	9.59661	11.8941
22.9686	23.2569	24.0047	23.0455	24.1726	23.5891
0.268777	0.5742	0.145123	0.218724	0.291134	0.161403
0	0	0	0	0	0
24.3205	29.2347	20.6078	27.4462	18.6302	27.085
2.38435	1.71891	3.40674	2.35279	4.70168	3.24024
24.1588	23.3818	26.475	22.822	23.2332	21.1756
2.05924	2.13852	2.70244	2.63932	4.18224	3.82313
0	0	0.0319266	0.0288712	0.0274494	0
0	0	0	0	0	0
10.109	9.35661	11.4101	10.1396	10.7068	10.2839
0.967321	0.844189	0.908796	1.28605	0.666863	0.63578
79.6512	91.5017	74.0646	87.0602	74.5395	91.9137
0.955146	0.899465	1.61509	1.03805	1.27634	0.686527
4.35736	4.21816	4.20433	4.04093	5.20521	3.53503
0	0	0	0	0	0
0.427362	0.332861	0.381376	0.26373	0.308606	0.314377
19.0949	21.6375	18.5579	19.4219	18.32	18.3917
8.44874	8.3031	7.2083	7.81517	8.04555	7.92666
34.9026	33.7368	32.4217	31.7657	29.3521	29.5248
12.6587	14.2978	13.78	15.3804	9.40347	13.0216
0.188237	0.104258	0.843202	0.256287	0.524419	0.250078
0.845431	0.988409	1.22672	0.726005	1.40079	0.889322
0	0	0	0	0	0
2.31832	3.92464	1.54341	3.68758	2.15588	2.96018
43.3179	42.2425	47.332	43.9075	48.1534	41.0555
0	0	0	0	0	0
8.76136	8.88158	8.38465	7.53499	7.04042	5.78399
32.3506	36.0755	39.9877	37.4475	38.5448	37.0716
21.2624	24.9043	26.2918	29.7197	20.2667	20.0398
4.53775	4.0075	3.87136	3.29734	4.76032	4.35558
3.59364	4.2756	4.66415	4.15598	3.98069	3.29484
5.4576	5.12578	6.85874	4.37013	7.00513	5.15422
0	0	0	0.186126	0	0
3.58906	4.31294	7.26701	8.32395	2.22148	3.34066
11.9225	12.2901	13.6338	9.97766	16.7631	14.8586
0.072221	0.135003	0.0909879	0.0822801	0	0.0910756

0.557491	0.320651	0.270137	0.0488569	0.371608	0.216318
0	0	0	0	0	0
13.1389	13.9786	11.6664	11.4921	9.44369	11.3398
0	0	0	0	0	0.0257237
35.8024	35.2631	29.2124	33.7528	33.129	34.3257
30.1259	22.714	26.7861	15.6781	28.2728	25.1025
0.0663669	0	0.337666	0.0594083	0	0.0478246
0	0	0	0	0	0
0.858101	0.612656	0.70946	0.885968	0.484103	0.676327
4.16975	5.2739	4.93965	4.60872	4.65141	4.91825
15.5642	14.3168	17.2475	14.5553	18.1461	15.8711
8.73957	8.00132	10.017	7.54917	11.5711	7.66519
21.8535	22.7358	26.83	21.8444	37.921	37.0892
23.7534	24.5167	26.0027	21.9075	23.0453	20.9243
45.4068	58.1077	37.2341	55.9541	42.4764	54.4323
5.18798	5.48808	4.75097	5.07949	5.42383	4.47783
0	0	0	0	0	0
2.55174	0.49741	2.0589	0.543437	1.45342	0.697728
1.91626	4.76922	4.01608	5.99377	2.07173	2.54597
0	0	0	0.186126	0	0
3.6871	3.64406	3.73655	3.79243	2.73972	2.40642
1.32745	0.940662	2.00031	2.96538	1.60703	1.37859
13.903	10.9482	11.7131	12.6326	12.2877	19.0503
7.9589	7.04192	9.80986	5.45574	12.3245	7.1501
75.6834	69.6565	65.2389	53.0726	70.3489	57.044
0.150783	0.150324	0.113979	0.0343568	0.13066	0.126765
8.07407	7.53992	6.86029	6.51274	7.27676	6.17408
19.637	18.9684	14.6642	15.8023	12.0653	14.0851
1.45686	0.691633	4.45748	2.37111	1.35261	0.116648
0.145795	0.0754814	0.13746	0.0974397	0.0658901	0.102146
0.675399	1.3527	0.303894	0.384735	0.182894	0.283908
0.0173876	0	0	0.0792374	0.0376677	0.0438538
29.9587	30.6445	32.9875	40.6026	25.998	38.8719
102.716	108.764	117.044	120.116	108.144	115.051
532.088	573.955	589.67	565.627	426.588	490.104
6.64226	6.80322	8.09077	7.86714	6.24155	5.79068
4.36987	4.71977	4.43234	3.61034	3.79042	3.72202
0.512086	0.81847	0.418832	0.655299	0.360097	0.430517
324.61	364.727	330.369	326.201	324.704	350.472
0.0990438	0.0246856	0.0748684	0.0677033	0.0643693	0.0832673
0	0	0	0	0.192222	0
0.0213206	0.0929938	0.067152	0.0850155	0.080829	0.0716978
0.244003	0.152038	0.153704	0.138994	0.330373	0.25642

1.32581	17.8343	0.589529	82.084	6.63137	20.0633
0	0	0	0	0	0
0.624892	0.664704	0.526904	0.949956	0.311161	0.254701
4.68336	4.21859	5.49157	7.6073	7.58435	8.34257
9.58E-05	9.17E-05	1.85151	0.433421	0.0001201	0.059707
6.00123	6.24164	7.44066	5.28347	8.79754	6.26765
2.97217	3.24093	2.36372	3.40731	3.23952	3.93552
1.39804	1.38587	1.28097	1.15837	1.17016	1.04179
7.26876	7.68446	5.29458	5.60944	5.39506	4.84165
66.3456	68.6121	49.6669	73.6339	83.2082	87.3017
25.9616	48.7989	35.0021	47.5995	26.7232	27.5162
1.81091	0.932136	0.595168	0.58306	0.341137	0.132387
5.40685	5.11809	5.89358	4.75149	5.66911	5.22296
0	0	0	0	0	0
310.304	359.442	332.156	343.54	322.447	371.326
2.80293	2.53339	2.83279	3.7548	4.00362	3.67711
0	0	0	0	0.400718	0.155509
0	0	0	0	0	0
0	0	0.120278	0.217535	0	0.0401314
3.84129	4.01585	3.91276	3.20575	4.09757	3.35702
5.68587	7.36451	7.9306	6.90261	9.53103	8.317
31.9732	32.2221	31.535	29.6286	30.3443	27.0538
0.169006	0.252738	0.298092	0	0.329515	0.113668
2688.36	3918.77	1325.83	790.492	45.8417	70.325
10.1744	8.95545	11.3858	9.00086	10.4049	11.6051
10.19	13.4925	15.6462	16.5847	14.2898	14.8008
0	0	0	0	0	0
0.145146	0.0678301	0.182862	0.0413405	0.058957	0.0610128
1.02671	0.295264	1.99	1.04974	1.79648	0.951693
0	0	0	0	0	0
31.2698	33.1179	29.6786	32.5689	27.7414	34.3589
19.9858	18.6387	22.2113	20.5311	22.4586	19.5055
0.261007	0.162633	0	0	0.141359	0
8.77124	8.86752	10.1278	8.21103	10.6393	9.54109
2.6304	1.59207	1.896	1.21632	2.06248	0.802369
0.0520338	0.0412647	0.0238382	0.0215568	0.0358667	0.027838
11.5139	10.3446	11.8729	10.5809	14.344	11.3165
124.887	113.066	173.632	194.469	166.374	170.362
7.42866	7.76115	5.57025	6.13497	5.65984	4.49897
0	0.109591	0.124645	0	0.0238129	0.0739324
27.6432	30.1255	30.7062	31.9014	20.9443	30.1103
0.0789413	0.0655843	0	0.0599576	0.116385	0.13384
31.7267	33.3188	29.7797	33.6134	36.5881	39.5789



0	0	0	0	0	0
0	0	0	0	0	0
0.106924	0	0.0449029	0.0812112	0.038606	0
190.609	193.537	184.285	171.016	236.44	262.545
4.0749	2.87793	3.29547	1.66241	2.97023	1.89646
0	0	0.0645632	0	0.0832639	0
6.70793	12.6733	2.29534	5.71752	8.03733	17.7259
0	0.0440348	0	0	0	0
35.971	32.823	41.2122	34.2976	44.193	32.5753
10.6879	9.45828	12.5299	9.34515	10.5715	9.51234
7.30268	6.90914	9.32124	5.94557	8.36593	6.41303
0	0	0	0	0	0
11.5977	16.5178	6.47078	16.1388	11.4856	12.0486
4.16483	3.82118	4.9492	3.93407	5.00085	3.7031
32.5903	27.8288	30.2644	25.773	33.1317	29.1388
1.0722	0.417556	1.43525	1.18337	0.471814	0.788738
0.285018	0.483057	0.316162	0.220807	0.333423	0.354635
0.0732555	0	0	0	0	0.123174
3.73787	2.79488	2.28731	2.06841	3.9331	3.41183
0.184588	0.34505	0.0581386	0.105149	0.0499856	0.155186
3.57478	3.92136	4.44976	3.85319	5.14737	4.22909
4.76203	4.46678	6.77358	5.96977	6.15648	5.1084
79.8424	78.5103	68.4923	63.5162	52.9987	68.2895
12.6329	14.168	12.4808	14.3222	14.3789	12.4439
15.6902	17.2946	15.8566	16.4515	15.71	13.5105
2.54563	2.82028	3.44092	3.47609	3.69148	3.80379
373.527	497.09	388.459	369.051	345.611	370.533
0	0	0.058419	0.330177	0.0502266	0.138748
2.30441	1.54883	2.74415	2.14768	4.00277	1.92337
0	0	0.0105311	0.00529071	0	0
1.40706	1.53979	1.66978	1.58713	1.03129	1.2295
0	0	0	0	0	0
38.6022	40.0147	40.5923	40.7455	28.3901	39.568
16.4273	16.9573	12.5468	13.1659	9.52699	12.1029
0.403069	0.439516	0.507808	0.325273	0.345639	0.324746
1.03857	1.00438	0.857617	0.775541	0.969892	0.632451
0.406245	0.344258	0.34803	0.629446	0.598449	0.409842
0.0536568	0.066867	0.0675997	0	0.05812	0.0676649
12.0934	8.73559	8.71796	9.85542	8.62248	8.51525
0	0	0	0	0	0
63.5155	57.2801	72.8967	73.3283	56.5241	64.6879
1.89364	2.00588	2.70381	1.97761	5.50394	5.12097
2.83775	4.28353	1.15815	2.18569	3.03051	3.29299

50.8657	63.3888	59.7298	76.6442	44.1637	64.9603
0.54344	0.677234	0.947619	0.642926	1.10894	1.054
0	0	0	0	0	0
0.813119	0.432021	0.405977	0.450711	0.770611	1.22137
0.521373	0.216211	1.44562	1.0349	2.23967	1.6235
9.06959	15.654	11.0836	21.7506	13.6062	16.7367
0	0	0	0	0	0
17.7277	16.6819	13.1423	11.6785	11.0381	12.3692
11.1415	11.0901	11.0463	11.4386	10.0347	9.90032
5.60775	6.68779	5.69753	5.83923	4.31072	4.81589
6.39074	5.90887	6.75539	5.63935	6.25449	5.02614
0	0	0	0	0	0
0.253672	0.368442	0.37248	0.378937	0.500384	0.388374
40.382	38.838	39.3539	29.704	35.0782	31.7486
0.0776213	0.0483658	0	0.0884326	0	0
0.264094	0.575948	0.374309	0.357292	0.357576	0.277533
0.0358873	0	0.324605	0.187393	0	0.106157
1.20091	0.935337	1.25113	0.776216	1.73855	1.18433
0.340099	0.382678	0.435231	0.0726497	0.259896	0.201719
1.43875	1.46147	2.26748	2.27855	2.36927	1.67851
0.373029	0.185947	0.471268	0.169994	0.284524	0.188166
44.5382	45.7581	43.5844	45.7264	48.1307	52.5955
5.39091	5.88639	7.05049	7.46759	6.54742	7.06444
7.20654	5.97066	6.93418	7.77468	7.72078	5.81076
0	0	0	0	0	0
1.48685	1.47454	1.49083	1.0776	1.35415	1.09184
13.1782	13.2666	13.6694	11.3893	12.8883	11.2509
0.296617	0	0.560542	0.675862	0.803224	0.24937
0.946459	0.294869	0.5962	0.359428	1.28148	0.530466
5.18921	5.58641	2.92305	1.85141	3.33939	2.59262
24.5403	27.4894	35.2946	33.6299	31.958	23.5401
0	0	0	0	0	0
0	0	0	0	0	0
8.4663	19.6846	5.62138	56.8857	6.64958	9.17715
0	0.291305	0	0.266313	0	0
12.2272	13.9194	15.1913	12.3637	11.9382	12.3959
24.3918	22.7569	32.7419	30.2219	31.5551	29.7164
64.5892	60.9616	56.6359	59.5424	52.432	60.4536
20.7479	20.8546	22.1732	21.5613	24.0292	24.3924
0.0949422	0.100569	0.155497	0.0811245	0.113123	0.155647
0.95191	0	0.399756	0	1.37479	0.800282
0	0	0	0	0	0
967.834	1003.21	778.628	1147.1	740.487	1186.75

0	0	0	0	0	0
35.0731	37.0717	37.0841	42.7283	30.0822	32.7653
10.9813	7.72127	13.2319	12.9699	11.9765	14.6175
8.74434	9.81953	19.0973	30.7818	40.6184	41.6113
1.41565	2.11702	2.14022	0.64513	2.45345	2.14228
0.0522889	0	0.0219588	0	0.0188794	0
46.4779	47.4294	32.4816	31.5044	43.6314	46.0047
0	0	0	0	0	0
31.2991	32.8421	34.345	37.9364	55.5073	57.1369
0.159632	0.364712	0.100557	0.212177	0.0576368	0
0.966173	1.01809	0.75151	0.802525	0.969587	0.478287
3.94998	3.77489	3.26671	2.81604	3.8848	2.62811
0.29571	0.040946	0.206973	0.449197	0.0711794	0.359099
0.77335	1.13382	0.573123	0.518273	1.23188	0.61192
0.514045	0.213534	0.755559	0.292821	1.11361	0.360137
87.4286	103.711	84.3098	101.724	87.8648	120.434
38.4259	38.9583	36.7278	34.9979	36.646	38.9469
0.424827	0.441182	0.909874	0.387198	0.368131	0.214294
3.14403	2.78402	2.8927	2.722	4.40234	3.07793
15.2875	16.3261	18.1183	18.2472	19.888	20.0073
0	0	0	0	0	0
5.84183	5.82407	4.41591	1.3311	6.32775	0.98226
10.4151	8.23168	9.82273	7.1604	8.97649	8.64855
0.281131	0.301015	0.251979	0.294663	0.251847	0.180843
30.6585	32.1226	26.7852	27.4878	36.8079	40.1603
29.642	31.6942	35.7438	40.7629	27.6438	32.0847
3.97937	3.38043	4.07197	3.3982	3.91834	2.2759
0	0	0	0	0	0
72.473	96.2797	59.5579	72.4068	54.4423	69.7139
2.13655	1.78047	2.55758	1.59849	2.5105	1.78157
0.0855965	0.160005	0.125812	0.0487593	0.108169	0.119937
2.07E-217	3.74E-238	6.73E-185	5.99E-256	3.07716979343	1.81E-181
5.75657	7.57685	4.72631	5.45302	8.96776	9.48891
57.5855	61.5076	39.9989	55.6268	47.9023	52.9259
0.0136688	0.017034	0.0114804	0.0311452	0	0
0.0232736	0.0290036	0.0879642	0	0.126048	0.0195664
0	0	0	0	0	0
196.414	40.7951	288.695	261.066	212.751	55.0425
0.389213	0.43398	0.593584	0.466762	0.465965	0.757764
0	0	0	0	0	0
1.28294	1.22465	1.09597	1.28886	0.86977	1.19908
840.108	926.677	1255.44	1390.98	1138.75	1453.6
0.115717	0.212925	0.314892	0.194657	0.133251	0.197657

0	0	0	0	0	0
5.4543	5.00199	3.39716	4.35245	6.06723	6.72092
0	0.159749	0.0358888	0.0324542	0.030856	0.0639112
107.314	109.234	101.629	105.956	90.1095	106.231
0.153852	1.06174	0	1.04543	0.749927	0.382444
0	0	0	0	0	0
7.43205	8.77434	8.50737	7.81047	8.71923	7.52901
5.87E-70	5.23E-73	1.50E-124	2.24E-138	5.54E-74	2.46E-77
15.6412	15.8599	16.8319	16.8504	15.4716	16.3611
114.207	118.915	120.284	126.492	105.959	115.871
10.699	9.16689	8.29775	7.26778	11.9415	14.9136
49.6246	51.1107	55.0726	56.7027	40.4724	46.2708
15.9728	17.5424	16.9022	16.5611	15.1854	15.7713
5.51954	5.36566	5.28108	5.0998	5.95811	5.78847
1.32137	1.23502	1.09248	1.43485	0.492003	0.729023
12.7978	51.4479	54.1717	43.4284	89.9919	147.334
9.92127	9.73923	7.10911	6.5042	3.65869	3.40764
0.140886	0.307252	0.288431	0.180573	0.0953782	0.162862
19.1335	16.8011	19.7895	18.7409	17.9891	17.1741
6.70913	7.03437	6.11691	6.93153	7.47866	6.82272
0	0	0	0	0	0
0.489443	0.381214	0.323729	0.306688	0.424123	0.555499
20.0384	17.7374	20.6512	18.6251	23.7997	21.1031
0.411809	0.205927	0.214982	0.18826	0.340932	0.219031
0.00833346	0.0415406	0	0.0474709	0.0361065	0.0210181
0	0	0	0	0	0
0	0	0	0	0	0
82.851	84.1149	72.7794	81.8574	59.1502	72.2104
2.15247	1.81044	2.03791	1.19914	2.08306	1.46718
136.933	126.767	141.471	131.623	78.3393	94.6773
6.97813	14.7334	20.1495	20.7981	38.4879	50.9112
11.8798	12.7941	10.4706	11.8079	10.1673	10.9739
81.3878	85.3578	95.8291	94.1715	78.7625	81.1672
7.80827	5.95275	8.92873	5.35605	8.56715	6.65179
2.66582	2.55457	1.87933	2.81783	2.07446	2.314
2.43405	2.97498	2.65374	2.71974	2.41248	1.81917
0	0	0	0	0	0
1.50665	1.72743	4.35246	2.4944	6.75367	4.78733
0	0	0	0	0	0
0.614882	0.35759	1.13617	0.420315	0.932439	0.758177
99.5824	94.9348	104.444	92.4798	106.809	98.7845
0	0.361486	0	0.371782	0.314199	0.27435
1.97954	2.51301	1.94957	2.51075	1.14789	1.47207

0.0820057	0.163513	0.0918356	0	0	0.110309
34.6835	32.6613	37.2763	34.13	39.3606	39.3826
86.2608	87.389	84.5078	90.7948	89.8101	96.225
33.9417	33.86	29.7417	33.9292	28.1724	31.1766
0.887011	1.18984	1.0061	0.903639	0.626715	0.638662
0.868928	0.61951	0.731878	0.615777	0.936745	0.803119
8.74434	9.81953	19.0973	30.9998	40.6184	42.0911
0.442318	0.317935	0.376576	0.16874	0.363375	0.412489
0.380951	0.487847	0.654831	0.496683	0.584569	0.482033
0	0	0	0	0	0
0	0	0	0	0	0
8.44271	8.64434	10.0447	7.88697	10.2825	8.72425
80.5263	71.4866	52.1405	68.7547	67.84	62.9898
0	0	0	0	0	0
17.1385	16.7648	16.4342	16.2656	12.6841	13.0317
33.3705	39.9481	24.4928	31.3941	28.0956	34.6012
0.0172264	0.042935	0.0217027	0	0	0.0289649
2.91669	4.31327	3.08667	4.29766	5.93949	5.16575
0	0	0	0	0	0
23.0918	20.7404	18.6636	20.4264	25.8182	24.9824
4.84854	4.09136	4.96704	4.38691	3.4315	4.74812
2.97406	2.51203	3.83015	4.02831	3.04247	2.30586
0	0	0	0	0	0
21.1182	26.5456	24.7764	21.6774	21.4141	20.0496
0.0586013	0.0730289	0.0984398	0.0751094	0.0158686	0.0554256
0	0	0	0	0	0
33.412	29.907	32.9419	28.8346	32.1703	35.0326
15.0794	12.9232	10.9859	15.437	8.02332	11.2092
0.235076	0.378765	0.820139	0.477773	0.931215	0.605765
0.0319457	0	0	0	0	0
0.765746	0.607264	0.920877	0.356891	0.923695	0.819346
27.2509	25.6995	29.3553	29.5209	28.2606	31.9729
0	0	0	0	0	0
44.6658	42.0352	48.8875	37.4135	52.317	49.0931
6.66788	5.9688	4.96935	6.63365	5.79836	5.92159
0.0886143	0.0736207	0	0.134609	0	0.024833
1.64188	1.25077	2.71709	2.00453	1.10158	1.83423
1.07542	0.448726	1.3821	0.613479	1.06839	0.597117
25.6231	25.2351	23.7932	25.628	25.3819	23.8259
20.2871	20.2479	22.086	20.9025	23.4789	24.0596
15.4372	14.5136	13.8044	14.4482	16.1966	16.7324
39.154	33.8224	24.387	17.6194	25.3292	29.9015
478.496	515.196	434.815	698.754	119.249	273.936

1.42E-233	0	0	0	0	0
0.346934	0.425642	0.285595	0.393513	0.42333	0.509616
0.0996364	0	0.376582	0.113514	0.161886	0.125648
0	0	0.0796343	0.576105	0.0684669	0.106281
0	0	0	0	0	0
31.3526	34.5782	31.1251	30.4242	31.3829	27.4208
0.060047	24.2203	0.607905	361.196	0.587407	6.28527
0	0.240553	0.486378	0.219915	0	0
7.07346	6.76495	8.08254	8.90202	4.18728	5.32441
3.23639	4.14626	3.40779	3.29826	2.21381	2.77536
9.52794	8.62725	8.72176	9.61837	8.75281	7.28021
3.88699	3.21574	3.8271	3.18794	4.72923	2.98408
45.2556	46.2699	37.9157	43.8047	39.0947	38.0926
0.0267537	0	0	0.03048	0.057958	0.0224921
4.39032	4.55934	5.04828	4.24757	3.01937	3.31018
0.530806	0.220497	0.445825	0.10079	1.24622	0.743758
0	0	0	0	0	0
0.107318	0.153049	0.174715	0.192353	0.165908	0.0385893
0	0	0	0	0	0
0.194204	0.14521	0.324742	0.132752	0.240955	0.151395
12.1063	12.1948	11.8942	12.3262	10.5561	11.2372
0	0.157634	0.478085	0.14411	0.411041	0
0	0	0	0	0	0
18.7833	20.4877	21.8929	18.3762	21.1467	20.2372
2.92173	2.72694	3.48487	2.18738	4.14613	2.70608
11.661	14.028	17.4086	31.7155	12.5215	12.9203
1.10099	0.864677	0.975661	0.804114	1.46772	0.865035
7.76341	7.37126	7.19506	5.25042	9.8314	7.85177
6.54038	6.51819	7.61234	5.97999	7.68393	6.80923
0	0	0	0	0.379094	0
5.5583	3.56011	1.63429	1.99005	4.04298	2.74799
0	0.156719	0	0.0358176	0	0
0	0	0	0	0	0
1185.91	0	6484.45	0	883.927	2817.98
553.9	458.289	553.641	418.649	402.82	325.06
2.07104	2.4711	1.66545	2.00808	2.43423	2.51911
1.74363	2.74844	4.32297	2.45825	3.71791	2.42583
4.99939	5.26718	5.7941	5.25901	5.75314	4.02104
4.17152	2.78262	4.53587	2.36641	4.64975	3.69622
0.170394	0.0265431	0.167712	0	0.279158	0.107439
5.94889	6.66265	8.47432	6.51784	6.29616	4.91892
0	0	0	0	0	0
46.4839	53.5419	41.4043	50.4237	47.0286	57.0781

25.4723	20.4905	24.8358	23.442	25.1159	31.3206
0	1.45623	0	0.408257	0	0
14.0079	14.9165	12.8944	16.0578	11.462	13.8548
0.10652	0.0331863	0.0670998	0.0606782	0.346141	0.0671645
0.863134	1.15838	0.794655	1.28592	0.287671	0.865195
1.67332	1.70615	0.670773	1.21316	0.988642	0.895226
0	0	0	0	0	0
12.9239	11.7529	11.7839	10.833	13.2422	13.0188
0.286444	0.356966	0.552849	0.229597	0.658387	0.583413
5.13299	5.10215	4.87578	3.87542	5.84678	5.47984
0.77998	0.861	1.09478	0.761918	1.20642	1.42292
24.2876	25.9383	29.5553	29.2597	30.9063	25.2384
0	0	0	0	0	0
66.3835	57.8637	70.5325	61.9915	94.8259	84.1716
0.246025	0.284696	0.309955	0.340354	0.399733	0.325028
15.7868	15.7271	16.026	15.6135	15.8599	17.5273
23.7908	23.4047	26.5474	23.4044	29.1511	22.6257
5.08427	4.9545	0	0	0	0
66.2451	56.5269	89.6703	97.9812	56.4094	106.562
0	0	0	0	0	0
54.8002	54.4144	55.5969	60.7187	54.7811	64.1458
0.816305	1.18682	0.857021	0.465001	0.58947	0.457518
11.4422	9.66346	11.9105	10.0479	12.1303	10.4081
5.24233	4.82501	3.10803	4.37202	4.45363	7.51832
0	0	0	0	0	0
4.04776	3.57983	2.38529	3.12395	4.31373	4.44585
23.5223	25.7613	25.6073	29.1961	24.7863	21.6231
0.91502	0.781917	0.856359	0.327632	0.547523	0.43595
8.81688	7.18107	9.67979	7.60855	13.2506	10.3237
1.87796	1.95608	2.04814	1.37313	3.82544	2.73348
0.0672683	0.0838297	0	0.153275	0.0728636	0
17.4753	16.5966	19.4754	17.2824	22.8098	16.9378
0.347624	0.433209	0	0	0	0
0.331001	0.165136	0.273664	0.169879	0.215379	0.125316
0.149806	0.38639	0.0974858	0.826653	0.171429	0.312629
0.572933	0.433993	0.679353	0.831915	0.438063	0.491116
7.35047	6.69754	6.86523	5.90121	7.32947	4.05263
52.3113	50.1425	44.3767	38.4735	44.5039	47.5251
9.19816	8.64183	8.05752	10.5612	10.0411	11.6599
2.10143	2.76355	2.40903	2.82292	2.42174	2.24848
66.7544	75.761	64.9217	74.1633	58.1869	67.8274
0	0	0	0.12304	0	0
0.122194	0.253797	0.153947	0.139213	0.352955	0.273946

0	0	0	0	0	0
0	0	0	0.23002	0.656133	0
4.71028	5.09369	5.67406	4.48076	4.41692	4.22333
10.3963	9.58161	10.7486	11.9607	11.5378	11.9401
0	0.0686791	6.04056	6.40426	6.08889	6.53287
1.39124	1.41702	1.59547	1.24465	1.67118	1.54826
13.1091	14.6378	12.9058	14.7131	13.0168	16.8559
0	0	0	0	0	0
0	0	0	0	0	0
11.9095	10.1648	10.5335	8.46381	9.87211	9.26124
0.114734	0.168213	0.0765255	0.0692018	0.0365522	0.119154
22.6061	16.9351	28.2215	26.9694	29.2308	29.9873
2.67999	2.31217	0	0	0	0
2.04437	1.96993	2.12005	2.55976	3.0576	2.25046
0	0	0	0	0	0
35.0355	33.2419	36.1998	31.3524	33.654	30.975
0	0.0486855	0	0	0	0
1.59199	4.55039	1.82978	1.69991	2.11379	3.51859
0.0849862	0.0529549	0.0892252	0.0322745	0.0153426	0.0833571
0	0	0	0	0	0
79.2336	80.6131	79.8948	72.8073	77.6018	71.9563
0	0	0	0	0	0
0.220956	0.780173	0.185582	0.587374	0.558449	0.557281
5.64323	5.98158	6.8088	5.83126	6.12215	5.40258
0.963303	0.953312	1.07084	0.871524	1.0901	0.809861
0.0413748	0	0.0521263	0	0.134449	0.0695686
22.2235	21.51	18.9316	20.7042	18.361	19.1009
1.43113	0.76476	0.257976	0.544189	0.295742	0.516144
584.222	529.051	566.47	522.146	336.546	474.646
0	0	0	0	0	0
1.03315	1.88835	2.77679	1.17705	0.89527	0.463244
2.74263	3.07098	2.7271	3.58848	2.71543	2.86469
38.6323	41.7125	39.9783	48.3684	36.5421	41.8389
16.8555	17.4207	18.4473	16.306	16.4512	14.7559
0	0	0	0	0	0.0287375
16.8571	11.8272	21.0567	21.729	35.2915	30.5728
5.13958	4.64355	6.42834	4.89646	4.71181	4.19784
0	0	0	0	0	0
0	0.0489438	0	0	0	0
0.763982	0.993468	0.87881	0.756862	1.54712	0.837768
1.18098	1.74308	0.997811	1.55385	2.02125	0.645275
36.9536	37.029	36.3926	41.5727	44.9154	43.8754
0	0	0	0.357243	0	0



0.0705639	0.0879366	0.0889002	2.73333	0.0764333	0.296619
0	0	0	0	0	0
0.815956	0.762745	1.06841	1.17254	0.923032	0.48293
0	0	0	0	0	0
13.0915	11.9926	11.8636	12.5861	10.5731	12.3964
56.5765	52.3755	49.3613	37.1831	34.2681	38.4399
0	0	0	0	0.013684	0
0	0	0	0	0.0190893	0
1.72774	1.36915	2.46692	2.2813	2.58164	2.23466
39.4388	38.7795	40.1362	37.439	38.893	34.9659
6.30913	7.18141	6.94741	5.7217	6.6284	6.58222
0.105815	0	0	0	0	0.0889604
0.712344	0.459167	0.649878	0.307834	1.11749	0.516273
0.189832	0.135182	0.375824	0.247168	0.234997	0.296389
3.05627	3.53667	4.72139	5.01567	3.94106	3.27298
3.23675	5.15813	2.54018	2.77346	2.18877	2.1309
6.13535	4.42484	5.18051	3.91137	5.67004	3.44603
0.683361	0.745153	0.107617	0.778541	0.555152	0.502696
0.559712	0.523134	0.352578	0.318835	0.606269	0.529376
0	0	0	0.0252407	0.0239977	0
0.197223	0.187734	0.31754	0.745083	0.161297	0.0414752
0	0	0	0	0	0
0.678141	1.17375	1.44766	0.90136	0.958994	0.554285
0	0	0	0	0	0
0	0	0	0	0	0
92.5837	91.3184	105.378	100.183	87.5896	94.2347
0	0	0	0	0	0
1.45309	1.02704	1.12027	0.840093	1.62094	1.40396
1.40027	1.17126	0.604443	0.56301	1.47637	0.873122
7.29768	7.61473	7.47926	10.2277	6.86956	7.93687
0	0.0484637	0	0	0	0
0.0278832	0	0	0	0	0.0117209
10.9072	14.6634	23.5285	22.5154	24.4647	21.7157
16.3835	19.4008	14.7256	15.456	13.7045	16.9939
0	0.252456	0	0.166173	0	0.0258675
177.376	152.934	237.276	242.109	252.842	181.441
5.74906	4.75763	4.41371	3.17255	2.57846	1.35936
13.1133	12.5276	13.2086	13.6198	12.757	13.2132
0	0	0	0	0	0
30.2926	47.1966	29.6055	37.4244	31.7546	37.0322
22.3232	9.6836	19.5794	8.23156	17.2029	9.74183
14.4303	19.3125	13.721	17.2554	25.4118	23.0162
12.142	11.5178	16.2901	12.0656	17.2942	13.8636

10.3227	12.5518	14.1098	16.3561	11.7783	12.0276
34.4892	35.617	30.4107	40.9139	30.5255	34.8474
3.05677	3.74383	2.98557	4.89373	3.48145	5.18207
4.03328	4.60976	5.47344	4.86139	4.6554	4.0356
0.135634	0	0.202526	0.0431408	0.330574	0.159311
1.77843	1.79745	1.7554	1.40393	1.78984	1.88365
18.8693	18.5583	19.8396	17.3086	21.4408	18.3715
6.59793	8.474	6.33179	5.45772	8.54238	9.44611
0.623488	0.667155	0.563634	1.3744	0.450988	0.745337
14.2935	16.3213	15.4068	13.8874	16.3655	13.6971
11.9678	7.69964	5.59335	14.5153	8.15434	11.0904
3.56463	4.88647	2.29649	4.67029	0.921408	1.94113
2.34688	2.53298	2.74553	2.07694	1.95196	1.93782
50.8782	49.7455	57.9693	48.8751	53.1551	43.4996
30.4896	34.9722	38.9973	31.9558	37.2768	34.9638
1.94591	2.0658	2.72146	1.90242	2.54036	2.21068
0.10927	0.15259	0.176879	0.117286	3.55E-242	0.0904195
10.5917	10.5067	10.1014	9.40014	10.5893	9.9553
9.75566	8.972	12.3498	12.3034	14.225	14.5633
2.41275	1.99396	2.1118	1.30223	1.43052	0.790168
28.6361	25.558	28.2498	28.3512	27.9183	28.6706
335.02	268.204	396.488	316.041	392.73	359.8
0.745821	0.60986	1.0474	0.288778	0.27073	0.123693
13.1924	12.5872	15.2355	11.716	17.4405	10.4556
154.411	120.146	143.135	112.991	137.846	126.986
11.0098	13.9723	10.7754	11.7504	10.0099	11.359
0.140558	0.173152	0	0	0.148862	0
1.77E-05	2.38E-06	1.42E-05	3.93E-07	2.47E-06	1.72E-06
0.0788715	0	0	0.089857	0	0.132617
12.5524	15.9247	13.2498	14.0431	11.2692	12.0741
7.61374	7.1046	8.46923	7.46828	7.74418	8.72717
0.0901284	0.0561589	0	0	0	0
0	0	0	0	0	0
16.7713	13.6205	31.6942	33.3841	32.8628	22.8133
0	0	0.0515341	0	0	0
8.86025	9.95862	10.6625	8.44449	8.08638	7.11687
31.589	31.4393	35.009	33.8181	37.4974	32.3155
0.57822	0.519486	0.542119	0.291078	1.03415	0.350456
17.9979	17.828	18.1615	29.8019	24.2044	22.2456
1.37838	1.3551	1.15481	1.50661	2.45384	1.93924
20.3221	26.4031	27.1464	25.2873	25.2129	25.87
12.6727	14.5058	15.1773	11.7819	18.2854	12.969
8.34522	5.91831	9.19954	5.37928	10.645	6.0697

1.9818	2.195	1.93429	2.00916	2.18291	1.78988
0.0262522	0	0.0165359	0	0	0.0882848
29.6456	28.6822	23.5809	34.6396	32.9289	35.346
0	0	0	0	0	0
21.8806	23.5798	24.742	25.3369	25.7405	27.2914
0	0	0	0	0	0
38.0112	34.8606	24.3766	26.3073	19.5456	28.9488
4.30895	4.08186	3.96701	4.75095	4.27526	4.20751
0.127419	0.370508	0.160529	0.290332	0.230029	0.464197
43.0967	44.1083	47.1332	49.8654	49.1976	56.1209
73.3601	72.8738	79.3305	79.6619	83.076	85.5922
0	0	0	0	0.23245	0.180417
50.0572	56.0349	47.1146	53.5516	50.0866	60.9731
39.1315	40.9024	40.9411	41.3115	39.8344	35.5165
2.52466	1.42471	1.32029	0.868318	1.59952	0.881043
24.2411	25.1035	21.9375	21.6532	19.8473	28.0819
0	0	0	0	0	0
0	0	0	0	0	0
5.92217	5.75434	0.41307	0	0	0.275645
10.6975	10.3987	9.95468	12.3028	12.7291	12.9185
0.645632	1.98912	22.956	15.7736	8.39203	13.8562
11.1694	12.5193	16.6154	14.5801	15.9079	13.1272
22.797	20.8633	14.9633	18.825	17.4029	20.4768
16.003	15.1145	11.6261	13.416	12.5495	13.6309
103.447	102.322	102.454	109.591	122.685	158.631
0	0	0	0	0	0
109.704	116.169	117.982	112.603	116.529	118.596
8.83628	8.3831	10.9798	8.48187	11.832	10.943
0	0	0	0	0	0
0	0	0	0	0	0
2.15538	2.68603	3.20285	2.26669	3.4122	2.13729
52.6748	59.1918	57.9448	65.4945	52.6693	63.7041
0.0357742	0.26749	0.180281	0.326055	0.0387498	0.0902273
0.118345	0.196642	0.198797	0.179772	0.0427297	0.0331648
41.6415	41.5043	37.5833	42.4038	37.8173	45.2864
0	0.0594119	0	0	0	0.0400805
12.1759	13.8338	12.9018	19.047	12.49	17.4675
24.0421	25.3813	20.3021	13.5912	21.1232	11.5176
0.130385	0.0406213	0.164266	0	0.246916	0.223801
0	0.0963119	0.0973672	0.264147	0.083713	0.064974
0.0830918	0.0517745	0.104684	0.0946651	0.247509	0.244497
1.42698	1.57622	1.71606	1.18235	3.12647	2.64474
5.68057	8.06233	6.7094	6.74143	3.33292	4.67623

0.735725	0.829539	0.971044	0.878113	0.796922	0.854164
14.8584	14.6855	16.5893	14.7098	16.9823	15.6361
15.3167	14.0256	16.8039	14.1526	18.8487	14.9559
16.3591	18.3193	12.5112	10.5001	19.6166	21.2304
0.131999	0	0	0	0.142978	0.110973
0.0893758	0.083535	0.0281501	0.0763682	0	0.0187848
0	0	0	0	0	0
1144.57	1316.58	1150.82	1207.86	1232.62	1516.56
6.86054	6.36131	7.23703	8.51396	9.23002	6.72903
0	0	0	0	0	0
0	0	0	0	0	0
0.0842953	20.0644	0.955798	181.284	1.00438	13.6067
0	0.0837059	0.0846231	0.114787	0.18189	0.0282349
14.158	13.022	14.2824	11.5818	12.4194	17.5753
2.5154	2.00761	1.88718	1.67437	2.90832	1.16429
48.1015	48.2434	59.9163	62.1723	69.5572	63.2063
0	0	0	0	0	0
1.52643	2.60102	7.6843	3.70454	5.83971	3.17919
0.0185104	0.069203	0	0	0.0601504	0.0155619
0	0	0	0	0	0
18.3006	16.9897	22.9503	18.1249	22.7012	23.7453
39.4269	42.1891	34.5585	37.8003	42.1811	39.6025
10.7283	9.59463	10.1768	10.7846	12.1675	11.1416
2.077	2.18239	1.7796	2.09392	1.73151	1.4896
93.1326	96.3457	71.6912	79.5385	73.9524	88.9102
23.9473	25.528	21.3132	25.9088	21.7026	24.5356
454.424	516.765	459.639	464.546	436.091	487.177
0.346848	0.69159	0.388424	0.395158	0.445273	0.396462
11.633	11.9037	11.676	11.0379	11.0733	8.63279
1.19011	0.787841	1.59261	1.25281	1.68012	1.28949
561.163	425.673	399.599	667.12	449.273	594.848
32.5075	37.7745	38.9477	34.0281	35.7439	31.8603
0	0	0	0	0	0
8.36979	8.79079	6.57048	6.57376	8.20746	7.71625
51.3961	52.9752	48.2991	56.4866	45.84	54.6665
5.96489	4.9165	4.33754	2.70635	2.98115	2.15546
3.07557	4.67015	4.0956	5.66377	4.1131	5.04505
3.54779	2.98859	2.20637	1.80225	5.71018	3.51241
0	0	0	0.0113866	0.0541293	0.0336101
4.04678	3.47799	6.46084	2.62317	7.82208	4.16473
7.44046	6.85091	6.92209	7.08364	5.6356	6.76956
25.6749	28.3614	24.5244	27.7154	27.4276	25.5976
7.87959	8.25044	10.2853	10.7818	8.18305	6.82935

0.0365921	0	0	0	0	0
13.4808	10.4612	10.0548	8.19744	7.30105	7.47452
1.568	1.71574	1.68636	2.83209	2.4855	2.4114
10.3806	7.86103	9.60604	5.30273	12.9357	8.1093
0.853715	1.32793	1.14252	1.24454	1.04512	1.36265
19.0821	19.6315	18.6095	26.5429	18.0039	15.6908
0.635638	0.766175	0.577786	0.475047	0.620678	0.333049
0.115519	0.0719797	0.291074	0.0658043	0.0625638	0.097118
1.34099	1.24422	1.13824	1.88268	1.38377	1.57189
0.360153	0.343217	0.587193	0.50686	0.4819	0.320857
0.21754	0.321218	0.190781	0.329797	0.449646	0.322515
11.5467	17.4095	11.4342	14.4542	6.1249	7.43039
659.106	533.112	724.38	570.885	1178.07	949.216
0.315165	1.44924	0	0	0	0
14.9598	15.7794	17.061	15.5396	11.1205	16.9747
9.21525	9.50306	10.2955	9.9328	12.8068	8.68708
0.905625	0.564294	0	0.515882	0	0.190342
11.0442	10.7402	12.2251	10.6188	11.2022	10.8415
0	0	0	0	0	0
1.24609	1.06249	0.661007	0.298873	1.42078	1.26815
21.5029	21.8194	22.2103	26.2239	20.0281	22.5067
7.19924	7.55171	6.22951	6.46557	7.70922	6.20856
43.8186	38.4763	47.2756	21.7441	43.1824	21.3598
1.30275	0.870566	0.570879	0.688326	1.0839	0.68254
1.62652	1.88516	2.01844	1.90865	2.66914	2.31774
4.28261	5.83845	5.35925	4.61714	4.23411	5.60606
0	0	0	0	0	0
2.36081	3.63429	3.23672	7.00096	3.27169	5.07866
0.27161	0.0564134	0.427737	0.17406	0.329616	0.228346
4.7166	4.95355	2.16266	2.15122	4.6347	4.93754
106.699	106.191	108.865	107.376	113.726	114.164
6.10472	5.94207	8.49512	6.03294	10.1542	6.49704
38.4521	39.5584	42.6752	43.5625	42.3495	44.7784
32.0907	37.3473	25.2267	32.4813	16.2309	25.1953
0.113486	0.141426	0.35303	0.0287306	0.223089	0.0212012
0	0	0	0	0	0
23.1126	24.6514	27.915	26.0492	25.6331	24.8923
10.6082	10.7561	9.91959	10.5883	14.18	13.7614
0	0	0	0	0	0
0.237705	0.222171	0.199649	0.0902711	0.30039	0.166535
29.9248	28.6545	33.8183	29.8607	35.4372	28.5893
0.62586	0.288869	0.262831	0.0528171	1.05454	0.448217
2.6909	2.35435	3.86922	3.33758	5.3233	2.53275

0	0	0	0	0	0
0.535786	1.24187	2.47827	2.09038	1.67603	0.878905
0	0.0419018	0	0	0	0
7.95425	7.8199	7.30263	6.64812	6.84451	5.48588
24.3188	24.8944	24.8799	21.2229	19.6007	20.0107
0	0	0	0.0534305	0	0
29.6679	30.4923	21.3804	23.0913	24.4434	27.6736
7.11506	6.3544	6.84487	6.52044	7.70638	5.89766
84.3635	80.8573	95.2792	92.6705	92.2172	86.3755
0	0.176637	0.178573	0	0	0.119163
0	0	0	0	0	0
0	0	0	0	0	0
21.4716	18.1858	15.5105	21.9223	18.1104	23.4273
20.6751	21.2843	23.3579	25.219	17.5872	22.3413
54.1278	60.3665	53.0509	56.0172	42.3643	59.5439
2.64385	1.95245	2.77572	1.47816	3.18196	1.91401
0.121967	0.0759975	0.115245	0.173693	0.462392	0.128174
0.362428	0.180663	0.456606	0.275272	0.628119	0.304697
19.7808	22.7141	18.5605	20.5887	17.531	19.4165
1.53691	1.76438	1.10242	1.35224	1.57387	1.21381
0	0	0	0	0	0
13.4462	13.9856	13.9948	13.3775	13.2509	13.5511
5.831	5.77638	7.13795	6.20595	3.89961	6.72406
29.3478	24.6484	14.8421	11.8512	12.5697	14.9574
51.0147	51.9008	48.1392	52.8988	42.2671	49.0637
0	0	0	0	0	0
0.0407985	0.0285992	0.137948	0.113997	0.102139	0.0784661
0	0	0	0	0	0
0.0216028	0.0346133	0.00388806	0.0105479	0.0334282	0.0211887
13.4434	13.8431	12.3133	16.9415	13.1639	14.9217
6.94751	6.91428	5.33153	5.3106	8.29038	7.93807
12.8205	14.8817	11.2673	13.2516	11.5911	11.1695
104.164	121.43	112.826	127.922	92.7942	113.014
18.4123	19.9714	20.767	18.4671	17.6436	16.4658
2.19258	1.96308	1.55549	1.35812	1.3143	2.32653
13.8553	12.1482	16.6643	17.2301	18.6321	23.2661
3.28487	2.78557	4.78204	4.14095	4.07653	3.78797
5.36768	6.06438	4.49594	5.30889	6.35724	7.56245
0.592749	0.816439	0.176868	0.28434	0.321027	0.288508
1972.95	2209.87	1841.38	2164	1823.28	2274.45
0	0	0	0	0	0
1.66087	3.29888	1.75373	3.358	1.78503	2.64019
124.388	11.0461	7.76851	8.00446	9.98641	28.3369

0.117726	0.179311	0.115358	0.0447075	0.0566746	0.0659822
13.0134	12.2203	11.3827	13.4882	12.1025	14.6242
2.85918	1.76009	3.29836	2.51174	3.69402	3.41738
1.25064	1.55855	0.675269	2.84967	0.580573	0.751021
81.1931	80.4797	71.9586	73.9176	60.4547	82.2132
337.202	356.493	249.175	249.805	247.574	267.553
11.6002	12.4919	13.4537	10.5561	15.6755	12.7665
76.7184	72.7692	81.132	81.2704	62.8015	63.6277
0.0873485	0.0362845	0.146728	0.0663431	0.0946141	0.0734349
0.121885	0.0620834	0	0	0.053962	0.102471
0.447228	1.30045	2.81721	0.50952	1.61476	2.13061
0.870774	0.361719	0.365683	0.661372	0.524003	0.325365
2.696	3.35975	3.67888	2.98559	5.10942	6.35769
5.54948	7.35346	5.25102	6.13569	4.00739	5.9254
2.73231	3.01914	3.01283	3.01657	2.46894	2.23107
0.0524009	0.130604	0.132035	0.0596995	0	0.0440541
2.86717	2.73935	2.44828	2.17768	2.51903	1.74089
1.99E-61	0.0461333	5.27E-12	0.113284	1.97E-37	8.29E-14
0.0723358	15.8358	0.36453	143.516	0.470116	8.43286
0	0	0	0.22911	0.0726093	0.0563559
46.5955	45.1354	50.4111	54.3243	51.2546	65.4723
1.05367	0.843741	0.768756	0.794185	1.3847	1.05247
10.0931	11.3077	10.9682	10.3575	10.6437	9.80374
59.9522	59.0833	38.8615	51.3301	42.9131	59.6664
42.8287	40.223	75.7513	78.7099	61.683	51.1232
1.9674	1.42781	4.03095	1.17164	2.76612	1.50597
7.0336	5.9395	8.26794	6.08898	9.14965	6.61597
98.0537	82.7931	120.921	85.1598	93.7781	63.9295
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
15.9978	16.5348	15.5912	13.9121	17.2395	16.9434
25.2784	32.1467	19.2759	25.1783	9.3672	16.7156
0	0	0	0.0899775	0.0285156	0.0221324
0.0445416	0	0	0	0.0964931	0.0748933
29.4933	30.0106	32.7744	31.1791	32.0722	31.9123
0	0	0	0	0	0
13.9106	12.1889	11.5401	12.5582	14.8659	14.7229
0	0	0	0	0	0
0	0	0.192411	0	0.0827144	0.064199
1.04743	1.27633	0.909606	0.928462	1.53759	0.939234
12.7204	12.4262	12.5624	13.3243	10.5988	11.321
4.37932	4.25048	6.40949	4.68639	7.65279	5.14532

12.4669	12.6499	12.3716	11.1472	11.8015	11.5739
11.5967	12.6001	10.7525	10.525	11.3262	13.8663
22.0206	21.5893	20.7255	21.8093	16.4109	17.9865
0.199504	0.42621	0.32316	0.227292	0.216099	0.119804
3.5216	3.31758	3.56521	3.94045	3.97346	3.82418
0.945853	1.37517	0.794424	0.538797	0.853774	1.06025
6.44154	4.86448	8.20659	6.75014	8.10537	5.82337
19.1963	18.4572	16.3185	24.564	20.7609	31.5959
10.6843	12.7934	10.0118	10.7144	13.2876	12.8978
5.54009	6.24963	6.17005	6.25848	6.55548	4.65358
0	0	0	0	0	0
1.9338	2.20263	2.58401	2.18489	2.17386	2.49882
0.0351199	0	0.176984	0	0.114124	0.0885773
24.593	28.3204	29.101	31.2642	24.7395	27.2092
20.3303	19.7923	21.8997	22.1744	20.926	18.6402
0	0	0	0	0	0
0.0272729	0	0.10308	0	0	0
9.97559	8.78635	12.2337	7.88775	16.1903	11.5899
0	0	0	0	0	0
46.9038	44.3121	49.0527	47.4275	50.1124	43.8138
0	0	0	0	0	0
0.185092	0.0887161	0.430504	0.324419	0.200488	0.0718198
0.952982	0.494835	0.300154	0.72381	0.516125	0.467357
3.43241	4.63392	3.24325	3.96062	3.57492	5.27189
32.8749	31.5526	29.512	25.6805	29.5454	28.5053
3.67681	3.92746	4.49375	4.20285	4.36635	2.88575
2.26115	1.08379	1.97219	1.58529	1.88403	1.90098
0.111331	0.0277481	0.0841566	0.0253675	0.0482366	0.0187195
24.9185	24.615	28.8647	27.5427	25.1038	25.9308
5.97008	5.83217	5.95281	7.05526	6.47988	6.67687
1197.11	1406.76	1221.54	1323.65	1075.94	1299.81
0	0	0	0	0	0
13.2787	15.1429	13.5207	17.3641	12.6983	14.0948
0	0	0	0	0	0
0.031734	0.0395468	0.135404	0.115695	0.097173	0.0704507
0	0	0	0	0	0
379.988	423.097	688.011	203.401	868.952	689.945
1.5813	1.4545	2.06335	1.39405	4.54715	2.16821
17.1239	17.3748	16.0386	17.1965	13.6331	14.5267
18.3633	14.6814	15.6433	13.507	13.6521	8.77244
0	0	0	0	0	0
0.388481	0.457228	0.571	0.270471	0.257152	0.199589
0.682973	53.6206	5.16268	184.41	6.65804	15.503



1.78716	1.71818	2.61968	1.48997	1.90947	1.45383
8.44647	7.36819	7.75296	3.43676	4.83592	3.9563
65.4322	64.9746	62.7986	71.6863	71.0651	87.1249
164.302	153.39	158.957	171.535	125.429	128.938
1.96133	1.8398	2.07079	1.25594	3.49192	1.97629
19.2425	16.5057	15.0576	19.4965	12.4046	12.2769
0.912645	1.3648	1.37976	1.42596	2.00536	1.688
0.149764	0.223962	0.0754722	0	0.129777	0.100727
36.4675	30.063	28.7025	25.5929	25.7007	29.6582
1.13525	1.18839	2.17398	1.50031	2.33639	1.67977
0.0386544	0.192684	0.194796	0.176153	0.167479	0.227481
19.2789	21.3158	20.503	21.0865	20.9252	22.8337
0	0	0	0	0	0
16.9129	15.1562	26.9385	20.007	31.7595	19.325
372.758	263.96	470.048	356.25	545.144	370.27
0	30.4052	0	27.7966	0	0
7.27524	7.46511	8.20812	7.03084	8.05681	5.64472
8.57355	10.3258	8.84046	9.51604	7.28357	6.84079
0.237061	0.295425	0.0477852	0.54016	0.328678	0.255104
0.137358	0.460272	1.15505	1.38893	0.498488	0.335938
6.29415	6.01071	7.58494	4.73508	8.76296	6.01053
47.4254	41.9478	43.19	42.5491	51.8115	49.6775
17.7401	16.5882	16.7998	18.6459	17.0863	18.4189
69.4552	88.4386	68.4612	76.5052	49.8172	74.3059
1.82539	1.51653	1.14986	2.57066	0.713999	0.916515
0.752921	1.44653	1.62047	1.85854	0.815549	0.738488
20.0959	20.6504	21.481	21.201	20.7804	18.0844
0	0	0	0	0	0
0	0	0	0	0	0
0.0815915	0.228778	0.359777	0.395062	0.287229	0.325826
1.08076	0.96524	0.975817	1.3339	1.09262	0.681458
52.5707	57.3251	51.702	54.2944	48.4134	45.2903
6.04846	6.50368	8.26456	6.67839	8.88209	6.61775
6.83785	7.43417	5.24336	5.92623	3.78409	5.5597
0.048832	0.101424	0.594705	1.03849	0.123419	0.123161
0	0.0552512	0	0	0.0480236	0.0372736
18.3166	15.8424	20.2496	14.4498	22.7777	19.2024
26.8215	31.1254	20.652	14.3494	23.6649	20.0087
14.5335	12.4006	15.0897	13.2296	16.4346	14.7052
29.3277	25.5529	32.8136	29.1907	38.4952	31.51
9.04049	10.1555	6.89799	6.96316	10.2062	10.1696
4.27956	2.28158	3.6444	1.48615	3.43328	1.90476
0.754506	0.905456	1.41934	0.685476	0.624675	0.152051

5.29524	4.93182	6.19722	6.47729	6.08285	5.635
47.0912	51.9547	45.7837	42.1496	48.8214	51.5138
0	0	0	0	0	0
0.0791968	0	0	0	0	0
0	0	0	0	0	0
0.411424	0.622584	0.592382	0.502807	0.318319	0.469421
0	0.0821961	0.0276989	0.0500961	0.142888	0.073935
9.37553	7.8155	10.7743	12.4858	8.9204	4.20735
36.4964	39.6198	36.4379	41.5615	38.184	45.8414
2.5193	3.55822	3.45114	2.252	3.69444	3.23675
17.2161	17.2487	17.4512	18.3627	17.3389	18.0605
0	0	0	0	0	0
22.5049	23.527	24.5577	27.4855	29.8141	31.0708
2.23855	3.05856	2.71831	2.5401	2.42475	2.49418
0	0.0742117	0	0	0.0645038	0
0	0.0955429	0	0	0	0
14.1203	13.5117	14.8246	12.8313	15.659	12.2718
34.0918	30.2365	47.1821	33.1609	68.2824	89.0524
2.90126	2.90815	2.94002	4.09576	3.41585	2.86332
19.5609	20.7794	17.6052	19.1878	13.9234	16.3208
0.251703	0.0627343	0.824483	0.172056	0.327167	0.211609
2.62491	2.22489	2.68226	2.23414	1.95488	1.84478
0	0	0	0	0	0
11.9414	9.85775	8.81587	7.45225	10.0512	8.24887
35.7115	60.5709	20.5816	42.1046	38.9953	15.4298
3.90137	4.50251	3.7387	3.77884	2.46199	2.90034
15.2921	18.8655	15.4417	20.4424	14.4	15.6665
15.1608	15.3729	11.745	16.0566	12.1379	13.5903
1.68332	1.64754	2.57354	1.36997	1.95274	2.02096
134.853	139.985	124.309	136.253	111.127	145.259
0	0	0	0	0	0
26.6585	25.5844	36.8443	20.2566	30.2946	23.046
18.5746	18.9649	20.5002	17.5382	25.2505	21.4177
0	0	0	0	0	0
9.84527	10.0193	7.91961	7.33758	9.84555	9.14197
0.520489	0.419263	0.254314	0.344963	0.327976	0.119166
0	0	0	0	0	0
0	0	0	0	0	0
5.98248	5.08319	5.39584	5.57651	4.7128	6.80131
6.32074	6.42979	6.53377	5.07018	6.77683	5.99103
0	0	0	0	0	0
736.842	721.237	525.752	473.231	397.548	462.777
0.0433268	0	0	0.0246807	0.0469307	0

76.1943	80.2699	65.7209	62.2924	57.1906	74.9964
82.0949	81.5243	91.1695	76.2175	84.4043	79.8852
0.123679	0.0689522	0.119065	0.0482044	0.377255	0.205258
4.69989	4.22761	4.38523	4.48893	4.97599	4.27062
0	0	0	0	0	0
0	0	0	0	0	0
12.0244	12.5471	14.4704	12.2386	14.0291	11.3612
23.1051	22.9079	22.3989	20.9887	21.3553	22.3891
0	0	0	0	0	0
4.61219	4.02452	5.03484	3.57087	5.65854	4.10322
2.44229	2.63228	1.82953	2.30618	2.21645	2.46022
26.1526	27.2781	21.2425	23.7942	21.9941	22.0101
49.3219	51.9887	49.1467	47.7527	61.2258	47.4474
0.0357742	0	0	0	0.0387498	0
0	0	0	0	0	0
9.97703	10.706	10.605	8.67715	11.0571	9.10399
0	0	0	0	0.00307873	0
37.5745	44.6748	41.4765	47.5865	36.5808	37.4635
10.0764	6.75744	9.03693	6.39659	10.4983	7.0355
14.5898	14.1135	16.1469	13.5455	17.3313	13.4743
0	0.0934293	0	0	0	0
24.5127	24.032	19.7856	22.9116	26.5454	29.1941
0.073336	0.216562	0.15049	0.213519	0.468677	0.228249
6.88979	8.05831	9.17226	7.51867	8.52599	6.61857
0.562115	0.980709	1.13309	0.768489	1.58306	1.60676
37.5255	37.9137	34.6404	36.0824	34.0829	38.6534
8.8726	9.27406	9.93594	9.15463	13.1935	11.5936
6.59506	5.9757	6.40749	5.53138	8.04846	6.11491
0	0	0	0	0	0
0.0440245	3.56E-08	0.351954	0.0156935	1.25E-06	3.65E-09
0	0	0	0	0	0
4.04395	3.32333	4.78127	3.68136	5.29772	6.17353
46.262	49.4675	40.3923	45.8033	41.8416	49.854
3.12757	3.32158	3.6815	3.35959	4.17878	3.69801
36.1454	33.2942	38.1127	29.8709	41.0576	33.0393
0.727349	1.29489	0.916354	0.236759	1.46315	1.74712
5.21447	5.13417	4.89724	4.89989	6.65648	5.14471
267.098	288.613	218.605	227.456	186.208	227.974
5.57275	4.68698	7.01845	6.63735	9.72966	8.94305
0.841146	1.25788	1.48361	0.958304	1.45778	0.990027
0.0178178	0.00760264	0.0156159	0.0190639	0	0
67.2725	62.807	66.628	66.0524	62.4951	65.479
1.71621	1.60405	1.31989	1.95524	2.10082	2.33662

0	0	0	0	0	0
0.124113	0.0618077	0.0908147	0.0268892	0.134926	0.0218995
107.959	98.6348	118.946	121.449	116.419	122.24
0.525146	0.447772	0.452679	0.346378	0.359259	0.27884
12.0449	13.8284	16.4891	12.75	14.2795	11.4817
0.0967527	0.482292	0.85326	0.110229	0.628803	0.569388
44.1047	46.3348	50.7678	47.0925	42.4485	44.3555
20.2677	17.7507	22.1681	18.8886	19.9651	19.4533
4.62802	4.48578	6.53246	5.76082	7.38021	8.10589
0.290733	0.431007	0.35105	0.244037	0.605532	0.336115
0	0	0	0	0	0
0	0.0453675	0	0.186647	0.157737	0
373.089	394.713	383.928	379.161	274.899	310.603
0.18099	0.212282	0.026826	0.0242587	0.0115321	0.0537038
0	0	0	0	0	0
0.927165	0.90803	0.876301	0.754253	1.00395	0.946197
4.41891	4.09409	5.77121	7.03759	5.38791	6.12688
28.2736	25.9234	34.2891	30.822	23.9498	23.073
1.31857	1.12817	1.51244	0.784746	1.85459	1.48908
1.10604	1.89689	0.925361	0.964415	0.95505	1.26745
13.7738	14.2941	14.9949	16.2937	12.4762	12.8709
4.36456	5.50884	4.7585	4.28716	5.22764	5.78626
31.0101	27.754	42.1759	30.8328	38.0172	42.898
7.98821	9.26835	8.56016	6.90407	9.05048	7.87367
0.389979	0.728987	0.245658	0.444296	0.633626	0.49179
0.775257	0.479003	0.976711	0.415641	1.67243	0.345054
16.6382	16.3605	11.6615	15.5234	8.39912	10.7377
0.0181604	0.0452628	0	0.0206898	0.0393418	0
7.27955	6.92952	9.19327	7.17435	9.31007	6.32646
917.987	1115.88	903.849	916.023	877.873	995.353
0.778832	0.349408	0	0	0	0
4.37906	6.2862	4.72519	5.8875	3.64553	4.01315
1.51187	2.03186	2.98782	1.72245	2.56883	1.2212
38.9406	39.6454	36.5483	37.4972	42.5444	43.6777
0.197138	0.193029	0.177404	0.240639	0.274546	0.106545
3.26414	3.18561	2.21956	2.61168	2.7147	2.35112
559.363	644.309	550.226	602.579	425.735	540.931
51.9045	51.5768	53.8243	53.7903	52.1765	51.8404
0	0	0.106314	0.0480697	0	0
0	0	0	0	0	0
30.0126	30.0856	37.3965	33.5104	34.2286	28.2538
0	0.0473764	0	0	0	0
0.33481	0.373319	0.266407	0.341291	0.305397	0.311108

0.921959	0.665178	0.603692	0.449172	0.683285	0.423246
6.97466	8.75765	7.48896	6.65185	7.65496	6.44116
0	0	0	0	0	0
49.8999	49.7364	57.1944	55.1523	49.0722	54.5595
0	0	0	0	0	0
0.0449236	0	0	0	0	0
6.6585	7.22432	5.82278	5.17627	6.10929	6.01531
6.8108	8.82082	8.60937	7.70409	8.52867	7.64064
0.174295	0.584045	0.260251	0.198571	0.674261	0.490946
0	0.588342	0	0	0	0
0.341569	0.311062	0.132408	0.61365	0.256141	0.309251
0.542269	0.112629	0	0.102966	0	0.075982
0	0	0	0	0	0
47.0813	47.2668	53.0394	56.5687	52.6897	54.4994
40.1436	39.7051	41.4188	41.2954	40.3219	40.4074
2.299	2.32578	3.18051	2.77044	3.02165	1.91586
3.44068	3.45396	5.13737	4.13767	5.69371	5.14232
834.713	0	350.539	0	0	0
24.6486	24.9236	24.931	24.1852	31.0871	26.1633
1.52566	1.45482	1.60446	1.11841	2.14119	2.07443
3.00137	2.66386	3.31658	2.86897	3.65186	3.1619
172.225	169.549	149.286	164.95	123.466	160.279
9.02348	7.38961	3.57289	4.69957	3.07185	5.41868
32.7069	35.7213	24.7465	29.7422	23.8739	33.5456
0.35995	0.269142	0.471624	0.328068	0.467869	0.205778
8.17978	7.86361	8.75969	8.02811	10.0546	8.16638
2.03451	1.02918	1.62063	0.96301	1.37257	1.09721
0	0	0	0	0	0
0.100849	0.0153888	0	0.0140685	0	0.0415269
0	0	0	0	0	0.012793
1.42115	3.53533	5.10424	6.84391	9.31303	4.72398
10.8515	12.4939	13.6907	14.9928	12.2507	10.3526
13.0079	12.3993	17.6283	15.0344	15.0201	13.3309
7.91278	7.23592	7.08825	7.18349	8.94621	8.57079
0.0535029	0.0889003	0.0224686	0.142228	0.0386355	0.0749676
2.07165	1.74477	2.89679	1.77663	2.16999	1.48328
0	0	0	0	0	0
25.6348	25.1663	23.6419	23.2034	22.6388	22.1449
14.1342	9.63999	19.3151	11.3364	19.3388	13.1054
0	0	0	0	0	0
0	0	0	0	0	0
10.9555	9.54295	9.64752	7.10038	8.86978	6.71983
6.76704	6.36865	5.19799	8.26153	6.09416	5.71104

14.4995	13.643	12.0087	16.2624	15.2056	15.3852
0	0	0	0	0	0
6.46595	6.11682	6.70014	5.85129	6.02973	5.50177
0.119644	0.12425	0.0753668	0.068154	0.161995	0.0251465
74.2598	71.7018	92.3582	76.0343	78.4719	92.131
5.34779	6.0967	5.19406	5.66645	8.20435	7.96771
0	0	0	0	0	0
0.0771177	0.0859059	0.27148	0.546555	0.191229	0.161603
14.7024	13.886	14.1549	14.3	16.0057	16.6157
0.504688	0	0.423889	0.191661	0.364445	0.848594
5.06807	5.23011	6.40158	5.29235	5.23951	4.0115
5.73696	5.52788	5.71885	4.98625	6.69464	5.10904
5.81843	4.98681	8.60181	5.26209	10.926	6.6363
0.246046	0.204415	0.516637	0.0934386	0.0888373	0.0689513
4.44164	3.85584	3.83522	5.62882	4.10822	3.98575
0	0	0	0	0	0
0.1082	0.539355	0.545266	0.493082	0	0.36386
0.478738	0.275355	0.556745	0.125866	0.47867	0.402481
0.0664981	0.094607	0.0502475	4.90E-10	0.0152447	0.0522073
3.53845	3.08414	3.62079	3.11977	2.37623	3.15083
0	0	0	0	0	0
0.0502966	0	0.126733	0	0.10896	0
14.7981	13.68	13.9559	13.8568	14.0357	13.2146
2.85454	2.12519	1.59553	1.88032	1.01579	1.2456
37.0662	34.004	42.9707	35.4031	43.6891	39.757
0.0713779	0	0.0899258	0.0542131	0.0515434	0.0200028
52.1478	54.8645	58.2006	48.6856	49.7328	54.3169
26.8809	26.1666	18.7553	18.9669	19.5614	23.4615
39.318	36.1178	31.9262	27.1594	28.8817	35.3201
0.341789	0.204317	0.162655	0.0204195	0.582748	0.152645
2.91085	2.55783	4.73358	4.37521	4.74516	4.41729
98.1833	93.8718	74.288	57.716	50.1472	52.3262
184.782	169.547	169.699	146.307	183.323	175.147
0	0	0	0	0	0
0	0	0	0	0	0
23.0424	22.1069	24.2561	22.7912	22.965	19.0496
3.4713	3.05203	4.96429	2.48529	5.79234	2.80595
2.22156	2.65415	1.86187	2.8586	1.65013	2.36135
34.4396	33.7208	30.4246	29.9946	33.1215	30.7869
4.44987	4.26026	4.16932	4.45327	3.66102	4.14047
0.589113	0.337313	0.341009	0.217676	0.500144	0.441731
71.5559	84.6169	71.9755	82.8623	85.623	61.3508
49.4191	44.9354	51.7041	47.4143	56.5192	49.8232

55.4847	62.8447	49.9032	58.173	48.518	60.9382
207.072	202.714	147.11	189.536	201.82	270.785
0	0.0352401	0	0	0	0
70.5088	73.1971	64.7322	79.2716	60.1948	74.9874
40.1898	46.9041	41.2366	37.1865	32.8154	33.0799
24.7727	23.6538	26.0856	23.3472	29.8506	23.9325
0	0.0788881	0.0598144	0.05409	0.0857106	0.0532196
0	0	0	0	0	0
10.7971	9.84716	14.8961	11.0394	12.0984	9.94161
1.68896	0.84191	0.585155	0.432944	2.33254	1.9169
1.13059	0.451094	1.11507	0.792428	1.0539	1.20739
12.3256	9.27988	9.4794	9.07148	11.5613	6.81608
0	0	0	0	0	0.122087
1.75631	1.92148	1.62965	1.7079	1.80404	1.28354
2.66334	2.74945	2.77957	3.26462	3.88459	3.42886
3.7823	3.85511	3.34388	3.71751	3.72288	4.00151
63.5435	72.4215	55.8254	100.138	21.2183	37.4007
1.62276	2.18696	1.67094	1.75611	3.01874	2.43807
0	0	0	0	0	0
15.7419	17.433	14.0061	11.0251	14.7898	12.5319
13.1083	12.9245	10.8191	10.1193	19.3061	8.8613
3.87619	3.5111	3.35402	2.50466	3.86296	3.59897
16.8823	17.7963	17.0199	14.9719	15.6241	16.9811
0.0676881	0	0	0	0	0
74.7887	88.1089	75.9123	91.7133	85.9242	109.751
3.42941	3.62827	3.96464	3.04877	5.52526	3.5693
7.02528	8.00753	8.63496	7.32053	11.5073	8.71545
23.1471	23.9708	18.7711	20.1444	16.7507	20.4574
78.3899	75.2319	75.8439	96.2572	65.675	72.3677
0	0	0	0	0	0
11.4533	5.36273	16.7232	9.91843	58.9465	25.8256
0.598023	0.901746	0.888942	0.921661	1.02254	0.827145
5.06E-07	1.01E-05	2.37E-06	2.92E-07	7.40E-07	7.22E-07
1160.16	1436.53	882.853	1043.3	1074.89	1136.97
8.12428	9.26748	6.00424	8.34485	6.61737	8.45706
0	0.0229938	0.0232458	0	0	0.0310242
2.09958	2.23392	1.8841	2.06397	1.70041	1.37034
13.0522	13.0107	17.1077	14.9644	19.5977	17.2942
3.00503	2.70935	3.61381	3.15125	3.35362	2.39239
0.323938	0.109106	0.109106	0.170191	0.430557	0.850671
0.231894	0.273777	0.169141	0.152954	0.647788	0.236
14.0785	12.7771	8.48285	11.1578	6.57499	8.57679
14.2076	8.93726	16.4309	13.359	17.2928	12.7426

0	0	0	0	0	0
0.108672	0.315996	0	0.0412694	0.0784742	0.0913619
28.4024	29.2707	30.3429	25.6517	29.9157	23.5818
7.03418	7.8778	7.80796	11.1559	6.66267	6.73434
1.16219	0.536415	0.976127	0.686551	1.63186	1.7732
0.41533	0.226935	0.294536	0.177865	0.730116	0.327136
0.168616	0.13133	0.318646	0.0720378	0.182641	0
4.43009	5.05912	5.4257	3.7135	4.9693	4.63621
14.6171	14.1821	19.1956	14.3753	15.3532	14.6494
5.25956	6.48582	4.2114	3.73457	5.45508	3.31706
3.76117	4.29168	3.83977	3.75127	3.64624	2.35065
21.8166	22.5081	24.893	23.1364	29.3402	26.102
12.6888	11.5961	11.6361	10.9454	11.8369	11.045
0	0.796369	0	0	0	0.179082
22.3366	27.1246	24.4435	26.3764	23.8854	20.492
0	0	0	0	0	0
0.515792	0.448032	0.604117	0.664799	0.432772	0.329453
0.129687	0	0.276374	0.196894	0.234233	0.220372
0.643412	0.259412	0.35762	0.388074	0.225478	0.238643
0.412593	0.372332	0.215092	0.405224	0.508555	0.334911
39.1571	43.8647	41.3739	47.5842	41.2787	46.9792
27.4866	27.2353	29.7084	25.3153	28.2201	28.6056
0.672374	0.523695	0.600024	0.510683	0.728302	0.447508
0	0	0	0	0	0
27.5097	28.6431	26.7951	25.5856	22.8091	25.7544
7.01673	5.93452	9.08995	7.68862	10.332	9.68602
0	0	0	0	0	0
1.76943	1.99167	1.94159	1.91834	2.48851	1.65554
13.5681	12.3186	13.3523	10.0178	17.1567	12.8389
11.8689	11.4161	15.0838	12.6255	13.4767	11.7552
0.605786	0.74561	1.21143	0.690161	0.648074	1.20721
29.0107	31.832	36.4036	38.4502	28.6695	41.0057
0	0.0687561	0	0	0.0298809	0.0231921
0	0	0	0	0	0
13.6835	14.6935	16.3442	14.5478	14.7189	13.3803
0	0	0	0	0	0
2.44637	3.28318	4.74164	6.36032	6.99834	6.96111
5.16105	4.45873	4.39113	3.61722	4.92691	6.72862
3.9314	4.05942	2.6416	2.13285	2.14948	1.88867
41.3095	38.5489	39.5422	35.0892	49.4242	54.8075
5.99912	5.19936	6.72549	5.16661	9.1507	5.67533
13.5239	17.8235	16.402	13.5413	13.8736	11.5194
1.38511	2.46635	0.341139	0.658434	0.794642	0.769666



84.4505	93.017	86.6029	86.9804	68.8373	79.1263
20.653	19.3033	19.6446	18.7819	18.7127	19.2015
0	0	0	0	0	0
9.45587	9.92506	9.44359	8.4005	7.54479	7.24497
5.41443	5.84674	5.71529	6.51476	5.9845	6.16706
0.334932	0.169565	0.395592	0.500826	0.306105	0.219985
0.0300837	0.0374903	0.0758022	0.0342739	0	0.0404668
0.0480416	0.0299347	0.0302627	0.0136832	0.0260188	0.0201946
0.993063	0.907539	1.91838	0.905104	1.57764	1.4193
38.3447	40.9426	42.4109	41.5562	41.4795	41.6717
19.3145	21.2835	21.6555	19.6704	17.3381	14.5326
1.60232	0.936073	2.0879	0.531588	2.19051	1.32017
0.349296	0.0967315	0.635645	0.176865	0.336311	0.2284
1.12598	1.33303	1.53397	1.33499	1.69805	1.37091
0.455028	0.314141	0.504838	0.492003	0.782499	0.410493
0.0245167	0.0195521	0.0197664	0.057775	0.0347003	0.0399049
0.0776597	0.0725845	0.1223	0.132714	0.0420597	0
0	0	0	0	0.0565539	0
0	0	0	0	0	0
10.498	11.6116	7.25511	8.10928	7.49685	5.98409
123.019	123.929	116.279	110.111	160.342	147.817
83.8403	86.2339	72.9112	98.9287	59.628	76.5923
0	0	0	0	0	0
7.38659	7.74856	6.81409	6.10022	8.35608	6.82671
6.07954	9.74563	13.7858	14.2264	20.1199	16.5976
0	0	0	0	0	0
0.0360653	0	0	0	0	0
0	0	0	0	0	0
1.33215	0.461146	0.559438	0.590215	0.961972	1.05774
0.0316096	6.73E-143	1.30E-18	4.21E-38	0.0695959	2.18E-26
0.270344	0.682907	0.514877	0.703289	0.184826	0.456012
0.132167	0.0549022	0.111008	0.276055	0.477202	0.629649
12.3981	11.6156	12.3685	11.3161	12.9395	12.8613
10.99	10.8046	10.824	9.72088	10.7116	10.0658
12.4554	11.7389	15.0789	12.9758	13.1777	10.7539
9.72816	9.02976	8.02984	7.29958	12.2451	11.6756
0	0	0	0	0	0
0.416827	0.691953	0.178849	0.476527	2.38E-14	1.64E-20
0.787283	1.03562	0.716345	0.523214	0.734329	0.514794
25.0927	24.8799	25.4845	22.653	24.2379	25.9862
9.31842	9.2588	9.57233	8.36723	9.59712	8.75143
13.2988	15.0222	14.6061	17.0998	18.2369	19.2989
0.377228	0.523827	0.325887	0.245582	0.466978	0.362446

19.0859	18.1345	14.3166	13.3564	19.1533	12.6877
110.721	100.468	101.771	97.3711	119.874	122.475
5.13004	3.4707	7.04783	2.89466	6.7739	2.99856
10.0646	13.6175	14.543	19.0482	11.4802	16.9343
0	0	0	0	0	0
6.31445	7.23131	15.0488	16.6797	23.1011	28.6858
18.4533	18.051	15.9513	13.4344	12.7831	16.2845
12.4878	12.6385	13.7305	13.7529	10.2064	9.06704
1.57357	2.2446	1.76101	1.81401	1.618	1.59936
1.30973	16.3928	0.968521	38.3419	3.36165	3.56664
169.371	162.989	169.228	163.02	125.427	140.657
0.152112	0.208479	0.0180243	0.0889563	0.205626	0.064765
0.210676	0	0	0	0.4564	0
28.7841	32.6424	33.0001	32.4653	26.6055	25.8931
11.0351	10.8291	11.3044	9.45679	10.3926	10.5681
12.2204	11.8756	11.7086	9.90854	13.1368	10.2622
5.85384	4.29233	5.87759	3.79081	6.72313	3.79424
39.4662	36.3083	36.3628	34.1245	38.0909	36.1372
6.68797	7.27291	7.1915	6.89151	7.29041	5.83753
0	0	0	0	0	0.146568
0.551804	0.542383	0.756771	1.02673	0.962942	0.752303
59.13	54.3768	58.8631	56.6776	55.5991	63.6682
18.2925	20.7187	22.044	22.8411	23.8153	24.9894
33.9112	33.9291	34.6693	32.4056	37.6235	34.8118
13.6866	12.8779	16.4105	17.2921	17.4636	20.4843
83.055	92.2085	75.2369	84.0358	61.4951	65.8263
0.475094	0.364346	0.920845	0.416359	1.1084	0.491591
7.61707	7.14033	7.81404	9.46388	8.69936	8.46727
0.475837	1.77732	0.468672	2.28481	0.467206	0.512342
0	0	0	0.149437	0	0.055137
3.23581	3.61506	3.07384	4.28005	4.51253	3.42846
0.463257	0.446598	0.487281	0.368451	0.565698	0.749538
21.6532	19.2536	20.718	20.0686	19.6509	20.0245
1.63397	1.72707	1.97342	2.42214	3.05148	2.82556
68.93	74.5755	57.5681	81.649	53.3196	62.9556
3.92988	2.93845	6.95213	3.19004	5.7289	4.04727
1.75101	1.90031	1.39031	1.66877	2.75324	2.27504
0	0.0662195	0.0334725	0.0605383	0.0287786	0
0.270557	0.306516	0.278888	0.196154	0.386309	0.268817
0	0	0	0	0	0
1.47E-07	2.84E-07	4.52E-07	1.37E-07	1.84E-06	6.03E-07
0	1.37755	0.696324	0	0	0
1.8689	1.52722	1.46676	1.53582	1.6593	1.51969

2.75452	2.50361	2.54093	2.29775	3.77417	2.96232
19.912	14.6713	4.74229	3.50614	1.75301	4.34484
0.356026	0.591573	0.448541	0.27041	0.385641	0.299316
0.278476	0.182206	0.688494	0.546471	0.224463	0.407231
1.58113	1.03067	0.766151	1.49651	1.65995	0.736213
0	0	0.111542	0	0	0
6.11279	5.28306	7.99704	7.40866	5.98929	8.36475
0	0	0	0	0	0
944.834	1115.78	940.857	955.97	995.558	1099.37
24.3234	24.3351	25.8656	23.7033	26.1085	20.2295
0	0.0182622	0	0	0	0
0.724644	1.18982	0.693953	1.41114	1.17062	0.391273
0.845983	1.89147	0.87773	9.52475	2.31783	2.59389
0	0	0	0	0	0
0.0543144	0	0	0	0.0588323	0
0	0	0	0	0	0
1.3667	0	1.98357	1.03175	0	0.735362
282.943	169.979	280.316	239.287	373.206	511.819
0.139207	0	0.438451	0.317192	0.414662	0.234066
21.9309	22.4368	21.0622	21.0167	24.1446	22.3382
32.2146	36.1238	31.2119	33.4683	23.5707	26.8787
0.467414	0.477093	1.22885	0.290774	0.688957	0.256128
6.24765	5.89017	5.52125	4.60086	6.27866	4.65873
40.6038	38.1746	41.74	36.6601	47.0998	42.0561
27.8093	24.6214	25.9499	28.158	27.0246	29.4693
1.96892	1.56353	1.56014	1.96728	3.07927	1.84861
5.34626	6.09528	5.76259	5.37428	5.14159	5.26873
0.331737	0.371651	0.55622	0.475284	0.858107	0.486623
2.77688	2.04025	2.59821	2.89572	3.33118	2.7604
2.11528	1.30539	1.96132	2.25986	2.68271	1.64483
0.210754	0.328301	0.531038	0.300135	0.114142	0.0442958
0.87531	1.00907	0.551381	0.423847	1.34608	0.91973
16.4904	15.718	9.30785	16.7876	15.5188	18.9425
16.6733	16.9644	42.4943	39.1668	30.0067	26.9442
1.18148	1.63865	1.46998	1.48944	1.35222	1.07389
2.54818	6.79138	11.8912	9.16432	19.0008	21.1782
1.70623	2.94848	2.23559	1.50327	1.65102	1.07106
0	0.0991036	0	0	0	0.0668574
103.933	105.06	80.7187	70.8491	55.0545	79.6057
0	0	0	0	0	0
14.5394	13.1462	12.9795	11.9357	10.6878	11.7477
0	0	0	0	0	0
0.397197	0.409079	3.24556	2.5971	1.27443	1.57953

4.06557	3.61299	4.78131	2.69698	3.55782	2.45921
12.6677	11.9031	14.1286	14.6412	22.6948	16.9408
1.56618	1.63526	1.56051	1.18961	2.41848	1.44578
0	0	0	0	0	0
23.965	21.1666	19.4932	23.0617	19.3428	23.8643
0.206503	0	0.0578138	0.209126	0.22368	0.15432
2.72778	3.90609	2.02781	3.47446	2.38576	3.9883
0.281161	0.81756	0.767482	0.53387	0.456822	0.630335
0.198506	0.123689	0.500177	0	0	0
2.51494	1.79841	2.23295	2.02793	3.24427	1.85468
26.0604	24.3948	26.049	24.2174	30.3745	26.0488
19.0256	18.0598	22.0876	21.2277	26.3988	28.7955
0.135859	0.167831	0.167512	0.312608	0.333702	0.544988
11.646	11.8662	10.6256	8.29845	11.8515	9.52089
0	0	0	0	0	0
4.92568	3.28788	7.57789	5.90129	7.90478	6.30828
3.2002	2.41073	2.89	3.57934	3.53743	3.40683
0	0	0	0	0	0
0	0	0	0	0	0
5.42498	5.27098	7.51043	5.65681	6.8722	6.75109
18.6526	20.4398	17.3713	19.534	21.1821	20.7209
0.449612	0.560306	0.566446	0.416191	0.578325	0.838675
31.4602	31.1375	39.4399	40.6012	32.8173	41.8735
0	0	0.0971067	0	0	0
13.6965	14.7051	9.263	11.8923	9.04547	9.9808
1.44193	108.415	1.968	1132.41	5.07692	40.0042
0.849481	0.717131	0.690466	0.811703	0.595288	0.368603
0	0	0	0	0	0.150204
27.3071	24.9863	26.6276	27.9305	32.8537	38.6403
0.466745	0.781406	0.703627	0.862167	0.679705	0.638119
0.433024	0.481992	0.27402	0.265278	0.519162	0.389981
0	0	0	0	0	0
6.13166	6.25325	8.57851	7.32582	11.7909	8.87155
2.05711	1.91708	2.53227	1.57318	2.69945	1.49874
162.289	161.871	169.059	162.579	191.49	171.935
3.08641	3.63979	2.29672	2.99716	2.61981	2.29853
6.9947	6.94431	7.18341	7.04755	7.97884	6.69198
10.949	12.9773	15.0681	19.7567	14.8914	22.1002
0	0	0	27.8769	0	30.8569
0.321981	0.351095	0.507061	0.596094	0.871907	0.30453
1.1741	0.76642	0.845257	0.509576	1.09008	1.03409
0	0	0	0	0	0
3.64456	2.65805	3.07543	3.28909	5.444	2.94327

60.9059	34.762	92.1813	73.7259	70.2981	96.4891
0.650537	0.661711	0.609748	0.600589	0.891675	0.801009
46.8397	42.8148	53.3004	41.6417	41.8512	41.4958
0.477293	0.467764	0.47289	0.718124	0.223109	0.230003
10.5561	11.1796	10.0714	11.1384	9.0504	10.7016
40.7698	36.2102	59.421	29.201	50.6331	22.8781
27.9656	30.3796	32.3901	29.3679	28.4318	23.9757
0.062933	0.397037	0.323753	0	0.340839	0.105817
0.0855018	0.0530908	0.0487038	0.172755	0.226118	0.0727707
8.4489	7.63512	9.6125	6.46225	11.4458	7.45709
14.1241	14.1395	16.1311	14.38	15.5398	14.5757
9.94063	9.40357	9.81085	8.25766	10.9973	10.8637
0.023284	0.058033	0.00733361	0.0464223	0	0.0244689
11.3931	10.6001	13.0946	10.745	15.3478	10.9725
12.868	12.0725	14.6989	14.5677	14.1492	14.4743
288.352	368.15	318.279	298.28	27.2333	74.8782
0	0	0	0	0	0
1.21996	1.37552	0.841675	0.69494	0.849494	1.07447
87.4507	84.3723	90.5476	92.6512	82.5265	87.5552
0.142878	0.715395	0	0.081389	0.464287	0.482621
25.381	24.7386	25.436	29.2876	19.0467	21.7632
0	0	0	0	0	0
0	0	0	0	0	0
4.47307	5.58107	5.80115	4.85476	7.39623	6.39257
0	0	0	0	0	0
28.2069	31.9954	32.8411	34.2249	26.7695	23.1632
0.371839	0.360411	0.0520515	0	0.134256	0.173672
1.05063	0.798139	1.57728	0.838708	1.59018	0.83824
103.747	79.4149	97.3819	86.5801	142.176	100.976
21.7162	24.5478	23.9325	25.0158	22.4771	21.3
1.21536	0.85195	1.91397	1.38464	1.72784	1.08563
6.1057	4.77422	3.24283	5.66037	3.04743	5.48553
0	0	0.0299367	0	0.0257385	0.019977
3.31718	3.53962	3.69004	3.47651	4.58168	3.64198
6.51052	5.30848	7.27661	4.96961	8.74455	5.70023
12.0575	12.3634	7.77226	7.43986	12.7562	15.3571
0	0	0	0	0	0
38.8514	37.0668	42.6676	38.8711	43.8936	40.4035
0.64662	0.927835	1.16139	1.09654	1.12215	1.0606
0.108933	0.17996	0.131515	2.19781	0.222936	0.411425
0.0367555	0.0916094	0.231533	0	0.159251	0.0309008
13.0563	13.1834	13.8272	13.887	14.8938	21.3492
0.0872324	0.0634135	0.119058	0.0414093	0.110236	0.055003

0	0	0	0	0	0
1.44207	2.28723	2.14713	1.94164	2.84004	1.87366
0	0	0	0	0	0
0.0370153	0	0.0466339	0.0843418	0	0
0	0.121745	0.123079	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
10.5429	7.67147	4.4572	3.70819	5.86319	6.87071
0	0	0	0	0	0
0	0	0	0	0	0
4.20593	3.00611	4.98717	2.60728	6.56569	4.15998
0.0111169	0	0	0	0	0.00934614
1.90223	1.97546	2.31664	1.96851	2.98765	2.73201
0	0	0	0	0	0
10.1518	10.8555	10.4519	8.82452	12.3858	9.79233
5.70043	6.7151	7.82485	7.1083	6.78898	5.72229
49.878	53.9085	50.0768	54.7267	50.6972	56.8583
1.82729	1.42323	2.01436	2.47214	1.97929	0.480071
0	0	0	0	0	0
0	0	0.172627	0	0	0.230391
0.213797	0.157438	0.25711	0.254647	0.200001	0.310463
0.242243	0.067085	0.0339101	0.0817728	0.116619	0.0301713
0.0460267	0.0860375	0.0579869	0.131093	0.199421	0.0580428
41.0044	52.3142	40.0264	42.3483	31.2264	31.8752
7.25039	4.42551	4.67285	3.75363	5.83401	3.98073
0	0.177614	0	0	0	0
2.40875	1.93663	3.52413	1.23933	2.6091	2.48233
107.373	122.134	107.787	135.492	107.799	152.258
0.0438182	0.0910103	0.0184015	0.0166404	0.0949259	0.0368385
5.64512	5.04681	6.18438	5.31289	6.91225	4.12755
10.1329	9.56471	9.45222	9.20261	8.56261	7.28631
0.512123	0.229754	0.232272	0.280057	0.177511	0.27555
51.4058	48.6669	48.6227	48.7816	37.3293	44.5606
0	0	0	0	0	0
1.47742	2.85639	2.05321	2.54732	1.89066	1.75442
0.54872	0.315607	0.555409	0.256471	0.929644	0.382458
5.96742	5.84304	3.40104	4.46764	6.49457	5.23189
0.0348897	0.0173918	0.0527471	0.0317994	0.0529085	0.0410651
7.07443	7.36994	6.86792	5.8452	6.24822	4.74362
0	0	0	0	0	0
0	0	0	0	0	0
20.7795	27.0568	17.7908	21.4971	19.382	16.7867
0.239845	0.0853985	0.0863343	0.117108	0.111341	0.144029

23.4261	22.4566	21.8198	22.5069	22.1336	25.4739
2.10523	3.36005	4.30856	3.66788	5.5736	3.71939
0	0	0	0	0	0
15.419	13.7672	17.2311	13.892	14.4861	15.9486
25.9673	25.0619	20.7063	15.6039	29.5416	23.4071
25.9687	16.2445	17.8338	17.0553	20.1865	24.0154
8.79228	8.65587	9.39416	8.06543	11.2088	8.45529
12.1014	13.436	13.8978	13.4619	12.2966	10.8186
2.10534	2.53548	2.58555	3.52732	1.7258	1.57662
25.649	24.5786	26.0728	25.8987	13.7983	18.8229
12.0838	12.6046	15.6822	13.8423	17.9977	16.7821
0	0	0	0.0611454	0	0
145.138	131.907	146.922	159.75	141.701	146.72
7.79447	8.40963	10.3734	10.7606	11.1164	9.50391
0.546864	0.341782	0.476453	0.523301	0.605336	0.394154
4.59463	5.04046	4.65512	4.95729	6.40128	5.96031
0	0.00651062	0.0105311	0	0.0226358	0
3.48176	3.96491	3.70886	5.23195	3.05611	3.86082
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.107147	0.0567239	0.100966	0	0.0438242	0.00850279
37.9078	45.2634	39.0168	39.6757	42.6532	47.1775
15.5884	19.4688	17.3742	17.8856	12.9091	19.2613
26.1315	32.1058	21.5868	28.7741	39.5639	28.9005
5.69214	7.09353	1.79282	3.24248	7.70701	5.98181
4.88583	4.68149	7.07974	8.04687	9.04196	8.20854
77.2391	77.679	56.0321	83.7694	41.6875	63.3427
0	0	0	0	0	0
5.43321	6.27677	5.45756	5.08582	5.52692	6.09856
0.546441	0.318441	0.688435	0.62255	0.66588	0.574249
29.3032	27.9325	25.534	25.7039	22.7056	23.5504
3.15989	3.12477	4.83522	2.53603	5.41816	4.29136
0	0	0	0	0	0
2.94084	3.75371	2.98648	4.5079	3.88047	2.847
14.5659	14.1041	14.6893	13.3435	15.2889	13.8652
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0476351	0.41554	0.18004	0.217079	0.515974	0.520616
0.403195	0.471369	0.382443	0.345842	0.87608	0.589688
19.5553	20.3287	16.8709	16.2942	14.7498	18.0913

0.119844	0.14935	0.150986	0	0.519251	0.0503772
15.0292	14.3822	16.036	13.2623	17.2474	16.0731
0.693513	0.590193	0.881527	0.617169	0.973787	0.987679
9.60773	11.2166	15.6806	13.9312	13.1411	11.8516
3.0438	3.52189	3.47806	2.38771	2.51409	1.98761
29.4398	29.2758	30.315	28.9518	31.7713	28.3154
0.2164	0.404517	0	0	0.2344	0.454826
10.1963	11.0204	7.88406	9.60698	10.966	10.9556
37.948	40.785	37.9881	37.7985	48.2247	51.6182
1.20021	0.794559	1.37045	2.0513	1.62516	1.07198
0.0902155	0.0281066	0.0568292	0.0513905	0.0488598	0.15169
0.274226	0.478436	0.069097	0.124968	0.0594072	0.138327
21.1684	20.1066	24.6488	20.8123	23.5636	19.9068
0	0	0	0	0	0
0.837307	0.927182	1.24979	1.09516	1.91415	1.53768
69.9136	66.0348	71.1778	77.8077	81.0368	95.9605
1.1743	1.39024	1.40547	1.03684	1.30378	1.87577
0.210875	0.112625	0.417484	0.240246	0.195785	0.329244
1.6241	2.05072	4.93082	4.73909	1.58856	1.53942
0	0	0	0	0	0.0184121
27.1503	28.2048	28.1823	24.9509	21.6932	20.1109
6.75499	6.37556	5.6778	5.66025	5.47972	4.52885
2.05018	2.49686	2.58292	2.12339	1.51412	1.72361
10.3466	10.3917	12.2532	10.9316	12.8234	10.5732
5.02572	3.38697	4.72485	3.78832	7.31865	4.25072
0.234687	0.487444	0.788457	0.53475	1.01683	0.789217
3.94201	2.79323	5.64686	2.13966	3.93895	1.13093
0	0	0	0	0	0
4.94288	4.12216	6.15628	5.78123	6.94192	4.80336
0	0.0183369	0	0	0	0.0123704
0.208672	0.208038	0.422513	0.380379	0.453315	0.456858
1.18487	0.861339	1.70009	0.712447	1.17647	0.913121
2.01332	2.53888	1.40899	1.62569	0.875662	0.931155
28.5572	33.8049	24.6735	33.2756	27.3254	27.7467
4.69449	3.39418	4.10385	3.36806	5.18875	3.12976
23.912	22.9898	25.3826	23.1526	25.6988	28.06
0	0	0	0	0	0
30.6951	20.0182	37.2722	20.1527	42.6919	34.853
23.279	26.9344	20.3041	20.5434	16.1937	20.2011
6.90224	6.87374	5.54406	9.06546	4.73394	7.75397
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.0370949



6.32155	5.93626	7.3391	5.86791	7.09461	6.12389
4.60907	4.66386	4.26086	4.12394	5.42441	5.05478
3.67709	4.95408	4.32146	4.4002	3.50917	3.06979
62.8152	67.4575	68.6663	61.9184	63.3663	57.6971
25.8335	29.7282	29.0449	26.3437	26.7702	27.007
0.0445323	0.0639146	0.0267004	0.0965804	0.0229561	0.047127
4.8929	5.25932	5.99818	5.76972	5.17132	4.52376
0	0.219743	0	0.100445	0.0954987	0
9.40037	7.25291	10.0228	7.29681	7.39823	6.43287
2.91496	4.34813	3.22728	3.62286	3.2531	3.63883
17.1278	18.8847	15.3955	18.513	14.4953	18.2296
18.9855	21.8101	20.3944	18.6985	20.6377	16.692
0.248291	0.688421	0.2523	0.310414	0.347714	0.314086
22.3231	22.2147	23.0365	20.7264	22.7521	16.7133
0	0	0	0	0	0
0.0270306	0.0336855	0	0	0	0
10.5553	12.2332	13.0322	14.3504	12.6528	12.9264
0	0	0	0	0	0
18.6917	18.1158	18.5115	19.7904	21.0122	22.6669
0.176103	0.146306	0.369773	0.535016	0.572253	0.197403
29.9732	30.8643	29.4715	28.1339	27.2576	35.2601
2.82184	2.34147	5.02182	3.4744	5.81191	3.925
35.1787	32.0695	17.9913	41.8854	41.4048	40.4858
0	0	0	0	0	0
0	0.0821041	0.166008	0	0.214091	0.0553892
1.22883	0	0.393255	1.60042	0.338118	0.258273
0	0	0	0	0	0
23.219	22.9023	25.5838	23.0272	27.1937	25.8891
139.886	158.822	72.8584	133.208	63.7453	110.195
0	0	0	0	0	0
7.29759	5.92989	7.00274	7.82013	19.8898	15.2816
3.11774	1.99694	3.67139	2.00074	3.76301	2.08622
0	0	0	0	0	0
3.8943	4.08636	2.81939	2.67281	5.01647	4.10953
2.60E-15	1.81E-33	0.0514193	9.03E-14	2.36E-14	5.76E-26
35.6505	36.661	36.4081	38.9686	37.5234	41.6388
8.08421	8.41683	8.10734	7.9285	8.16665	6.83671
2.39471	1.40758	1.24668	1.22248	2.64038	1.26975
1.27342	0.948574	1.3325	1.07938	1.3678	1.04838
1.31731	0.84872	1.7281	0.35811	1.61754	0.746704
65.0071	63.9918	77.5516	72.7335	84.4857	88.5288
4.26644	3.07765	15.2123	19.009	3.99659	2.8045
3.15036	2.27293	3.13342	0.755611	5.02881	0.557589

2.76736	3.03621	3.47488	3.00616	2.97763	1.77003
1.11268	1.05383	0.785016	0.40565	0.723139	1.01028
16.0658	15.0498	16.7408	14.7854	15.2474	13.5614
9.34812	10.4529	7.86656	9.42254	9.17402	11.3139
0.0610845	0.266048	0.231181	0.418621	0.218962	0.384494
83.3338	93.841	89.1562	95.6377	69.3343	73.4525
1.92952	3.01664	2.895	2.75783	2.01402	1.53369
0.152167	0	0.143781	0.0866808	0.206031	0.159911
43.9336	44.6444	46.3662	39.6981	42.8634	43.0976
4.18551	4.66692	6.00661	3.99763	6.44256	4.92104
21.611	26.7251	23.9377	23.2223	24.5714	24.2549
6.8868	7.30493	10.3128	8.98031	11.9877	9.86319
36.6765	35.2456	27.6651	26.1637	25.9372	32.5347
11.0257	12.2854	8.60681	9.80278	9.83529	8.57879
2.99858	3.19421	3.51753	3.18089	2.90031	2.88653
44.4925	47.87	49.7872	39.3552	38.0159	38.3347
9.09722	9.76798	9.71443	8.47866	8.21297	6.41038
30.9094	28.7995	29.8763	29.1704	28.7164	30.2856
0	0	0	0	2.42E-80	0
0	0	0	0	0	0
0.345653	0.704868	0.475061	0.572796	0.136147	0.501937
5.481	6.13473	4.44366	5.5795	6.43165	6.63459
8.08582	9.7536	9.81868	9.12132	8.61276	7.23323
7.17805	5.51205	8.97961	7.31397	13.716	8.86077
0.936805	1.20576	0.977527	1.87951	1.99589	1.27896
0.228855	0.0950664	0.0480541	0.217276	0.289207	0.0641338
22.9755	24.0187	27.6132	23.4978	20.8131	22.181
18.0421	19.7783	21.738	35.9659	14.8809	15.1682
0.25755	0.456743	0.332159	0.137151	0.306072	0.538792
0	0	0	0	0	0
11.7349	12.5195	14.0205	11.3303	14.7904	10.9214
0	0.0663888	0	0	0.115409	0.0447873
36.195	28.9142	38.585	34.3636	29.6556	24.1876
9.25695	9.47958	6.84532	9.12482	13.3838	12.0797
48.1238	47.9138	38.2523	42.2436	34.1862	42.9814
0.0899548	0.112101	0	0.102484	0.292311	0.151252
0	0.275648	0	1.008	0	0.371916
29.956	32.9871	28.292	26.8818	30.6977	31.6527
0	0	0	0	0	0
2.03916	2.81487	2.49	3.32394	1.6311	2.98033
20.9741	22.9209	22.6029	22.572	20.3769	25.5274
1.98796	2.14211	2.41039	1.97536	1.94285	1.92263
1.05456	0.924042	0.373667	0.713357	0.356962	0.263204

289.378	259.775	174.984	166.163	101.971	171.546
10.9941	8.46613	17.3849	11.2899	17.842	13.1318
7.24159	9.20739	7.33567	7.52554	6.35996	6.29377
7.63935	8.4225	8.6796	8.03771	8.30312	9.58975
2.11873	2.91408	1.78364	1.994	3.0444	2.17985
0.615542	0.511392	1.18605	0.618773	1.425	0.62911
1.96147	1.76675	2.33103	1.59434	2.48666	3.11066
4.68998	5.11503	3.67203	3.65588	4.43564	4.39521
31.156	28.9799	30.5604	26.82	31.3388	27.029
25.9269	27.4425	27.6154	24.421	27.1022	22.0034
3.87868	3.70832	3.68432	4.34877	4.49029	5.03793
2.64673	2.86387	1.94703	2.19316	2.11984	1.66696
3.23932	2.8089	1.77611	2.78172	3.0441	4.53023
25.0111	29.1852	23.035	27.0674	18.5215	23.2354
22.9264	28.5709	0	0	0	19.2745
3.89534	3.79849	5.26054	4.29624	5.09564	4.00068
11.6318	12.593	15.8756	14.5495	14.8042	17.6022
0	0	0	0	0	0
0.0970788	0.483918	0.366915	0.331801	0.315461	0.408076
1.54972	1.52892	1.54567	1.17705	1.60869	0.86858
29.7894	30.3262	33.0132	30.8966	29.2099	28.7747
28.0243	30.6315	30.1917	33.3386	28.1738	31.5719
0	0	0	0	0	0
0	0	0	0.086654	0	0
0	0	0	0	0	0
6.94154	6.94723	7.07423	7.62194	6.66775	5.34294
0	0	0	0	0	0
0	0	0.0190145	0.00529071	0	0
2.50342	1.89929	2.73119	2.05587	4.07882	1.81677
0.0280237	0.0775688	0.0418448	0.0927303	0.0309595	0.234805
14.3864	8.19516	24.2427	11.1207	24.4118	9.31535
0	0	0	0	0	0
0.0244179	0.0304295	0	0	0.0528978	0.0821135
134.506	137.819	121.4	115.339	107.807	111.708
6.3437	5.85542	5.57472	8.96638	7.5075	5.82696
15.441	14.9215	15.7921	15.1334	19.0288	19.3778
0	0	0	0	0	0
0.926806	1.15498	2.98397	1.29054	2.00779	1.90465
0	0	0	0	0	0
95.9104	99.848	103.461	100.621	79.5833	87.6733
0	0	0	0	29.5941	0
8.98197	8.87611	9.52263	7.68373	11.7034	7.85595
0	0	0	0	0	0

0	0	0	0	0	0
5.85062	6.24412	6.48264	6.28951	6.35352	6.38168
748.76	226.481	1373.07	973.272	56.2331	122.817
7.37967	6.52056	5.1968	6.63659	6.10053	5.68324
0.0944684	0.0882948	0.0297541	0.0807196	0.255815	0.0595655
0	0	0	0	0	0
0.4182	0.417718	0.140499	0.0635264	0.664379	0.375416
45.1683	44.5222	43.925	40.2489	52.5818	49.3168
9.52599	8.71901	11.643	6.94614	12.2421	14.802
4.20439	5.17758	3.32251	3.35623	1.62437	1.81955
3.25035	3.6554	2.89644	2.8902	3.52071	3.79899
13.7072	15.8562	19.1179	12.4739	20.1238	20.8707
0.354833	0.331644	0.111759	0.202127	0.288261	0.0745781
16.2596	17.2236	15.9625	16.4192	17.5934	17.2588
18.3035	20.4249	20.9283	20.8837	20.8132	17.4549
6.99526	8.09806	7.50416	7.52348	8.49379	7.29817
17.042	16.1724	15.1157	18.4672	14.3751	16.0154
0	0	0	0	0	0
1.12581	1.00213	0.865749	1.04941	1.75791	1.46274
0.24599	0.0875862	0.132819	0.0400359	0.190322	0.0295438
3.16912	4.28472	2.33335	2.2483	3.23231	2.66962
1.03816	0.554466	2.05532	0.675862	1.4458	1.37153
8.00105	7.02236	8.33293	6.40686	10.3421	7.50814
2.43786	2.63299	3.0031	2.7157	2.93405	2.68718
3.56473	3.54824	4.22462	2.75338	4.68748	3.22549
0.49717	0.524254	0.385453	0.304994	0.745649	0.450129
27.1259	27.4615	27.9485	24.8148	25.7001	23.3799
13.8967	14.8077	12.8498	14.525	12.9535	13.2051
3.11721	4.11729	4.00528	2.50884	3.73626	2.80692
0.574537	0.561973	0.746026	0.552432	0.576506	0.584378
0.474107	0.6645	0.597692	0.375423	1.1668	0.59555
94.8916	70.2002	95.1422	67.9975	159.443	132.366
1.60249	1.83185	1.97338	1.21671	3.14066	2.2963
0	0	0	0	0	0
0.424391	0.555384	0.47374	0.348121	0.392273	0.281005
0.283671	0.334021	0.302778	0.128825	0.24622	0.225337
0	0	0	0	0	0
0.171863	0.0560455	0.0570919	0.0952114	0.0504675	0.0732739
70.2677	61.4932	79.0801	56.5964	65.1739	50.8899
1.43418	1.58724	1.70545	1.76514	2.32281	1.78582
1.77664	2.00767	1.74912	1.5163	1.73109	1.25139
2.43158	1.58611	2.6866	2.17392	7.31389	4.43853
51.6444	49.3566	44.3707	49.126	37.5814	46.2679

48.402	50.0705	49.2781	55.292	39.8875	48.3807
39.4464	45.1358	46.2505	43.2396	37.927	41.7879
0.0401255	0	0.0168508	0.0152381	0.0579509	0.0562234
8.26566	7.52218	11.7837	9.0452	10.6025	8.09197
21.9682	22.7203	34.0516	32.9864	30.2418	33.7456
0.0257148	0.0640914	0.0323969	0	0.0278537	0.0648562
7.59565	8.81616	11.1429	8.55019	9.33382	6.72209
0.0498613	0	0	0	0	0.372967
19.2541	18.6905	20.3635	18.1155	17.2365	17.0094
0.711308	0.612248	0.567101	0.331686	0.385237	0.601565
3.26692	3.26771	3.61761	3.03633	4.43262	3.35366
25.7757	27.4768	27.844	22.7271	30.1374	24.1415
6.92911	7.8716	7.16451	4.82518	5.6912	5.38123
3.09626	2.9325	3.7253	2.38107	3.0855	1.62691
7.459	7.30083	4.99665	4.91984	6.97819	6.02545
0	0	0.0445994	0.0201656	0	0
1.05669	0.929007	1.58617	0.772223	1.21743	0.71691
6.54532	7.9924	6.81294	11.007	4.33957	5.17007
23.9241	24.3327	23.7773	22.8746	25.6737	23.9687
3.17743	3.16538	3.34277	1.82305	2.40151	2.82586
27.6843	27.5937	25.4978	30.2463	24.3956	28.4109
43.4033	41.9967	46.1194	38.4712	41.9478	37.0455
0	0	0	0	0.168896	0.0436964
5.45909	5.99022	5.57151	3.49371	7.02037	3.21217
15.2507	12.8482	11.8862	9.52526	19.3434	15.1504
0	0	0	0	0	0
22.931	25.0041	31.4616	43.5691	37.6086	41.2633
6.42074	4.69474	5.95764	5.17255	9.72358	7.19392
16.4579	15.1131	28.2221	27.52	26.3762	24.4005
4.69938	5.62442	3.89817	3.57811	6.42583	4.57669
42.5013	43.8969	42.5291	41.9944	29.038	28.6012
18.947	18.0555	17.4744	17.7274	16.8396	17.8984
0.127941	0.298951	0.201485	0.163982	0.173229	0.0941167
0	0	0	0	0	0
10.0986	7.77653	12.5428	10.7454	10.5775	12.0543
10.9314	13.5069	12.3284	9.38453	10.566	10.3877
52.9437	50.2164	40.5172	45.3289	34.0092	46.3271
0.444087	0	0	0	0	0.186675
1.33111	1.72246	1.52977	1.75274	1.45052	2.30128
37.7648	35.6241	36.832	41.328	39.839	36.9303
0.102929	0.256542	0.162467	0.146919	0.0839381	0
0	0	0	0	0	0
0	0	0	0	0	0

0.46288	0.43263	0.255133	0.494391	0.3447	0.243218
0.0159132	0	0	0	0.0172368	0.0133784
0	0	0	0	0	0
4.43585	6.31024	3.47965	5.4351	5.7114	5.69947
0	0	0	0	0	0
41.4398	40.9399	39.3735	37.1682	40.3514	40.2398
1.02964	0.348805	1.56164	0.660537	1.5592	0.983284
9.35256	8.29646	7.80456	6.62227	10.6752	8.16718
0.507377	0.4659	0.639221	0.425929	0.752057	0.628612
3.86749	3.59235	3.55926	3.69364	3.36381	3.92833
4.18442	4.37356	0	0	0	0
101.628	105.997	94.147	104.067	105.09	109.819
0	0	0	0	0	0
134.159	64.8282	224.525	161.447	125.367	181.425
4.95627	5.13335	5.82789	4.11574	5.41625	4.25939
325.646	301.182	381.517	332.477	386.842	315.252
0.0844574	0	0.141872	0	0	0
15.1524	17.2961	13.6356	13.201	13.9301	87.7799
0.0308509	0.0384464	0	0	0.0334171	0
0	0	0	0	0	0
50.8321	59.3278	44.0483	53.4603	56.7791	62.0441
9.74009	10.1075	9.04586	10.9775	11.591	11.9032
116.608	97.0694	103.504	87.0482	101.81	99.8367
1.94363	2.31035	2.5052	2.16324	1.61946	1.53348
1.61614	1.36238	1.59233	1.0833	1.81413	1.21313
0.550288	0.685768	1.13457	2.13774	0.59606	0.986667
0	0	0	0	0	0
0.182036	0.499076	0.229338	0.20739	0.236613	0.15304
0.0769748	0	0.303053	0.155904	0.0416887	0.0161784
0	0	0	0	0	0
28.0204	28.6381	31.4173	24.7449	31.2283	26.2562
1.1634	1.84524	2.46507	2.4099	2.3485	1.91171
1.67515	1.69789	1.85719	2.20537	1.62094	1.44593
242.804	275.814	200.547	237.86	172.636	248.878
5.34891	5.22192	8.7337	7.45274	11.3063	11.1709
0.606241	0.863424	0.763775	1.8747	1.68857	2.22072
1.12476	1.33698	2.24545	1.83342	1.63067	1.20746
0	0	0	0	0	0
32.2284	31.9345	33.869	28.1201	31.844	32.7782
7.76353	7.79438	8.0862	8.50873	9.90083	9.9893
4.89535	5.82116	5.60247	4.49155	5.72755	3.81712
2.14958	1.61928	2.1827	1.3707	2.6064	1.94204
0.0910021	0.050403	0	0	0	0.00566715

2.49644	1.7099	2.78502	1.21582	3.0034	2.02669
0.624369	0.864542	0.699212	0.395185	1.5029	1.34145
0	0	0	0	0	0
28.2476	30.1563	24.6655	29.0344	26.0051	34.0403
6.8933	5.96599	8.36062	5.03567	8.42157	4.95121
0.287085	0.939132	0.0904212	0.0817676	0.310964	0.331864
11.5751	9.78941	10.7795	9.62277	13.4406	11.1012
0.778906	0.788671	0.797313	0.221849	0.527309	0.0409272
13.5627	8.75668	15.1759	13.7617	25.2498	16.8315
26.3467	23.0746	27.8215	22.3779	21.1304	17.2256
11.9572	8.67576	12.2534	16.87	11.9527	13.6715
0.2204	0.250286	0.15619	0.318267	0.0214855	0.15247
3.39897	3.14336	3.88234	2.66101	4.28523	3.18124
1.31006	1.50781	0.672809	0.655952	1.26538	1.40304
0.0939233	0.117047	0.0537862	0.00972775	0.0739897	0.0861409
0.204486	0.127415	0	0.163077	0.0664484	0.103148
9.76104	10.1137	9.88308	10.2262	9.21023	11.0243
0.0800608	0.0748288	0.0504325	0.022803	0.0216801	0.0504811
8.05467	10.4467	10.5522	14.3053	15.1439	14.511
4.91703	4.15221	4.73334	3.21291	5.5561	4.12578
49.6046	50.4752	34.9353	34.078	38.8568	45.8646
8.08756	7.91521	10.1807	8.5778	9.93374	7.77221
0	0	0	0	0	0
15.9295	14.4546	11.5972	11.8757	18.6217	13.6482
0	0	0	0	0	0
0.0757601	0	0.190893	0	0	0.127385
0	0	0	0	0	0
2.43723	3.67298	2.5707	3.93903	1.35068	2.09666
20.6056	18.1817	17.6372	16.9101	17.7216	22.0973
0.0652298	0.162578	0.08218	0	0.0706555	0.0274197
1.79049	0	7.89516	3.05982	0.969713	2.25793
4.38828	4.4241	3.47867	3.81984	4.43285	5.4028
0.21889	0.113659	0.0919232	0.124689	0.237097	0.0306706
0	0	0	0	0	0
7.95533	8.68019	7.9735	8.3383	7.77449	6.77732
0	0	0	0	0	0
14.6406	13.9156	13.8678	14.4914	17.7083	14.4419
154.021	146.818	115.347	129.039	131.254	165.637
0	0	0	0	0	0
0.108373	0	0.20455	0	0.17772	0.0227777
9.01366	8.56698	10.4693	9.42415	9.7512	9.56793
0	0.00720101	0.00727991	0.0131664	0.00625902	0.0145739
30.9318	35.6126	28.1483	31.5289	28.0302	32.5059

1.96E-06	1.08E-05	3.81E-06	1.17E-05	1.32E-05	8.67E-06
0.16592	0.20677	0.087098	0.094515	0.269582	0.156928
0	0	0	0	0.0307648	0
1.9113	1.07673	2.01213	1.70025	1.2762	1.98105
11.4756	10.8376	13.368	11.6902	11.4435	9.58592
0.99531	0.598882	0.216221	0.508378	1.48707	0.548232
7.81756	7.96221	4.16678	6.85092	4.72233	5.75064
2.50093	2.80499	1.81171	2.49311	1.21903	1.52436
5.23815	5.07979	6.29729	5.18177	7.03428	4.54621
0	0	0	0	0	0
7.19733	10.0111	8.15221	8.97961	6.25436	6.70563
2.0995	1.23326	2.50553	2.49672	2.03661	0.796278
0.165598	0.278599	0.357655	0.603734	0.842289	0.445514
6.07627	8.78644	5.41042	4.99717	5.42693	3.63413
16.9605	15.4671	15.7781	16.8594	14.843	17.4222
2.29725	2.56852	2.81306	2.39708	2.51159	2.23818
79.8185	109	34.4113	85.3078	67.6563	118.599
50.4755	49.8976	44.4666	51.4866	45.9243	55.8952
0.400747	0.599292	0.538541	0.517439	0.636651	0.651364
0.218443	0.136112	0.412809	0.539214	0.788709	0.244863
0.237523	0.0740001	0.149622	0.169128	0.25728	0.199688
1.05583	2.03347	0.906948	0.984181	1.24762	0.887648
1.45289	0.113162	0.915213	0	0.590152	0.61073
0.195466	0.292147	0.109257	0.204943	0.218859	0.144688
0	0	0	0	0	0
0.544692	0.38614	0.343709	0.550124	0.45608	0.509912
7.91094	8.49986	8.61324	7.29141	8.11943	8.37833
6.22999	7.48995	7.69874	7.69025	8.22398	9.16505
0	0	0	0	0	0
14.8582	118.367	11.3701	520.118	20.1474	70.7848
11.3198	11.6037	13.9239	9.83368	13.6783	9.79378
0.0961605	0.117389	0.267948	0.215595	0.104159	0.11879
4.64869	5.19093	2.29048	2.33346	1.32116	1.54781
0.756515	0.314256	0.3177	0.57459	0.273147	0.212004
0	0	0.0482778	0	0	0
1.30486	1.1707	1.67966	0.906638	1.42921	1.40606
0	0	0.0489071	0	0	0.0652571
0.962733	0.787611	0.682644	0.583077	0.651594	0.961069
0	0	0	0	0	0
17.9526	20.8927	27.1443	21.2554	31.1504	33.1831
2.47E-08	0.0500906	0.0817818	0.205559	0.142187	5.01E-06
6.78639	5.50109	6.66969	6.72937	10.2946	7.52796
0.00636048	0.00792642	0.00801327	0.028991	0	0.00534733



0.50445	0.449032	0.453953	0.738915	0.390293	0.181756
0.774468	0.896203	0.766635	1.00839	0.958729	1.30221
144.06	142.982	135.399	162.71	145.544	174.113
8.59548	8.01825	6.3165	6.53233	10.4303	9.07914
34.5262	33.3979	34.1037	32.5575	37.346	32.0661
0.210399	0.137367	0.370134	0.334711	0.348384	0.235296
2.32966	3.69152	3.73197	2.91312	2.44265	2.07943
0.0801889	0	0	0	0.260577	0
0	0	0	0	0	0
20.7875	23.312	20.2206	19.1682	22.4206	21.1242
0.174388	0.0362205	0.128161	0.0496695	0.204635	0.0733053
0	0.160453	0	0	0	0
1.26385	2.04259	1.29372	1.57487	1.13368	1.06253
109.626	117.83	103.059	114.688	95.3749	109.026
31.0377	29.6557	31.6702	27.0397	43.812	38.7605
0.254911	0.459969	0.319694	0.210253	0.276051	0.253552
0	0	0	0	0	0
6.1453	6.562	7.2039	5.27268	3.3215	4.14161
76.7955	71.5669	85.9947	73.2725	95.3153	69.1813
41.7359	45.0381	41.1347	43.8687	45.5824	53.1775
0	0	0	0	0	0
4.94944	6.82042	10.0602	11.3534	12.5335	17.2622
11.7688	11.1355	14.0033	9.96734	16.7609	19.5527
15.7315	15.6675	17.3013	13.1664	14.8926	14.7162
0	0	0	0	0	0
31.97	30.5963	30.1247	39.6639	33.797	40.2765
12.1293	10.5913	11.7913	10.0652	11.297	10.0567
29.7383	30.8212	27.9089	27.6206	35.007	39.8799
3.67455	4.0069	3.45323	3.52449	3.45659	4.26249
8.76493	8.44898	9.69996	10.7243	9.34809	8.84586
0.113528	0.227813	0.226494	0.0259176	0.22261	0.0944372
14.591	14.8513	14.989	15.4342	16.2138	15.5424
0.26042	0.0865428	0.240601	0.257134	0.263277	0.233535
0	0	0	0	0	0
0	0	0	0	0	0
1.45375	2.40009	2.03519	1.86829	1.60054	0.826593
5.58594	4.98036	5.95039	4.97994	5.38649	4.87275
0.323056	0.513052	0.358817	0.512736	0.731257	0.304054
11.7428	11.977	12.7478	10.2941	15.4688	10.4414
24.5208	22.2573	24.041	21.4279	21.5585	19.8755
1.85248	2.5149	2.44685	2.67694	1.61744	2.4401
0.975389	0.347294	2.1066	0.793745	2.71677	1.87433
9.298	9.08469	29.105	35.5263	19.9874	30.4759

23.3678	24.7681	21.7637	26.9637	21.8726	24.1067
11.103	11.2288	13.2643	12.358	11.5475	14.8915
0.881112	1.16068	1.39327	1.2902	1.25228	1.03529
34.0554	35.4561	31.5653	35.5025	34.8747	37.686
3.47476	3.60855	3.75289	2.69618	5.10791	4.11816
4.52456	4.83841	2.86713	3.89333	4.00727	3.97837
10.2291	11.2393	10.4912	9.71696	11.1111	9.71401
0.314907	0.28766	0.31531	0.201268	0.499942	0.325891
0	0.234274	0.236841	0	0.203628	0
40.9242	40.6421	39.4941	37.3097	39.5334	42.4183
43.043	41.6192	37.4722	37.214	37.7626	40.3089
0.169903	0.0423467	0.256864	0.0774272	0.0828161	0.116652
0.658516	0.273547	0	0.500158	0.237764	0.553623
32.3787	28.0964	33.3677	22.7621	47.4369	27.5171
12.9844	15.7826	13.2157	12.9347	12.9559	14.8685
5.35354	6.59278	4.24862	5.47487	4.703	6.06012
85.5613	86.3063	93.0069	92.0009	77.3533	94.0599
165.828	174.239	172.669	161.844	166.274	179.969
0	0.0643653	0	0.235373	0.0559455	0.130267
4.55899	4.07765	4.66492	3.90632	4.95333	4.58709
0	0.272509	0	0	0	0.18384
21.6047	22.9225	19.7764	20.2066	17.8886	17.5615
0	0	0	0	0	0
0.871811	0.652277	0	0	0	0
24.3391	21.9625	19.332	21.428	16.436	20.7875
0	0	0	0	0	0
39.0691	36.7177	26.6956	25.9442	22.1726	26.7364
0.637303	1.15864	1.29798	0.68978	1.7871	0.921162
0	0	0	0	0	0
0	0	0	0	0	0
130.575	129.221	129.134	125.502	104.377	101.296
21.1369	18.2406	22.0453	21.2922	21.856	22.1082
0	0	0	0	0	0
25.8665	23.8053	15.5877	14.9943	17.4398	16.4823
0	0	0	0	0	0
24.3996	26.4986	25.2954	29.7151	24.9378	28.1974
9.74386	6.31425	8.66323	6.56545	12.032	10.2514
0.13013	60.8131	0.658709	521.97	1.41047	26.6486
20.071	18.9308	22.5499	16.6302	24.1247	14.4147
0	0	0	0	0	0
30.6057	26.4809	27.8189	26.0567	27.6563	25.7656
1.72568	2.0961	2.47691	1.59274	3.35987	2.57104
12.5672	9.2921	8.98955	10.1826	10.6974	8.38587

0.0532556	0.176979	0.0670943	0.222468	0.0769139	0
4.58794	2.38752	3.52525	2.29757	6.03447	5.57377
5.64576	6.47036	5.62494	5.90704	6.71598	5.6788
11.4084	12.9381	11.6376	11.1085	10.9891	10.3213
0.36673	0.55499	0.450104	0.991972	0.249302	0.559449
5.93692	7.39858	2.49322	4.52472	8.57433	1.66908
0.205987	0.160438	0.365481	0.187742	0.133872	0.202279
0.131269	0.163587	0.396912	0.179463	0.312813	0.154503
10.7532	10.0353	11.498	9.56356	14.8724	8.57537
0.0284828	0.0354952	0	0	0.030852	0.0119729
12.423	12.9358	11.9404	13.4497	16.1322	15.7162
0	0	0	0	0	0
9.2018	9.02935	10.8627	9.98817	9.57479	9.88836
0.991057	1.15366	0.922646	0.459742	1.06584	0.89573
0.946391	0.0893854	0.203321	0.0933905	0.291347	0.432404
0	0	0	0.324563	0.30858	0
0.138516	0.243236	0.111052	0.186502	0.347815	0.121746
0.811696	1.23728	0.908278	0.821209	0.68361	0.757989
0	0	0	0	0	0.0676984
157.664	165.371	163.2	194.031	173.803	209.647
2.15885	1.20105	2.52556	1.66898	2.50545	1.45846
0	0	0	0	0	0
0	0	0	0	0	0
2.91544	2.81829	3.05514	2.48337	2.80378	2.51977
28.3204	27.654	25.8019	27.2844	25.1173	25.0876
6.873	6.80995	8.33233	6.10408	8.81977	5.61978
1.87544	0.751232	1.6877	0.661345	1.7896	1.29515
0	0	0	0	0	0
39.922	35.3852	38.5454	36.1357	29.4499	26.7139
9.87393	9.68963	10.8677	9.85106	9.90388	9.06102
9.93374	9.42414	10.5687	9.42525	11.6051	11.1439
0.17033	0.106132	0.14306	0.452792	0.399745	0.357996
0.473655	0.583446	0.44188	0.16487	0.235127	0.323163
11.1826	9.8536	10.9478	9.6226	13.05	10.3734
37.8631	38.4337	41.1073	42.571	36.9565	43.89
4.97315	3.34897	3.45618	3.70093	6.6239	3.70044
4.02654	3.66168	3.88192	3.47968	5.18896	4.10398
10.0641	11.5028	12.3041	11.805	8.32099	10.9141
0	0	0	0	0.0229308	0
28.4066	26.1906	34.3393	31.8714	31.4436	31.2429
3.62476	6.24468	2.01252	2.61359	3.83453	3.24119
0	0	0	0	0	0
7.11863	6.33592	6.76276	6.98202	7.70811	5.68939

110.727	93.2789	71.7591	67.6593	52.319	74.2928
1.07119	0.687535	1.66354	0.659774	1.01891	0.33399
0.791587	1.24664	1.11157	0.767054	1.1346	1.0363
8.78153	6.89333	8.32341	7.10063	12.3261	10.0393
0.529674	1.51227	1.21105	0.134099	0.678948	0.379416
7.42129	8.17403	11.5538	8.58705	10.3595	10.8465
0.271706	0.0615635	0.124476	0.112563	0.133775	0.166128
0.353101	0.195571	0.247142	0.312886	0.127491	0.197904
10.9931	10.9673	10.2978	9.16941	12.3028	11.1719
0.147332	0.183605	0.168743	0.0610374	0.130571	0.0900828
4.21086	3.4319	4.40957	3.3376	5.04611	4.17784
1.13005	1.1357	1.88296	0.166122	1.18456	0.153233
28.5945	26.7529	29.7055	28.6441	26.833	30.4138
0	0	0	0.149097	0.141755	0.165035
7.64796	6.9787	11.0567	9.41504	11.5039	6.55177
5.5901	4.80189	7.34923	6.06166	6.63847	6.28495
1.35661	1.4704	1.09873	1.34425	0.833515	0.982382
4.71981	4.45629	5.49819	4.34776	5.97662	5.30145
1.03722	1.41376	1.59259	1.14476	1.33415	0.436001
19.1785	19.0007	18.3028	18.5313	18.268	16.7686
0.338059	0.568739	0.212952	0.231087	0.109854	0.298421
8.45392	9.06672	8.32692	7.58838	9.04612	7.71036
15.0017	14.3058	15.5185	16.3335	14.3976	13.3271
0.0180184	0.0673634	0.0681015	0.020528	0.0390342	0.0151483
3.01116	3.83909	3.99787	4.53878	3.1362	2.47311
0	0	0	0.126656	0.0602096	0
0.0401634	0.0500516	0.0506	0.0457575	0.261025	0.168829
1.27153	2.01285	1.68854	1.91846	1.89844	1.90685
0	0	0	0	0	0
8.63574	8.3949	10.4387	8.27449	12.7165	8.89856
0	0	0	0	0	0
18.0665	16.7717	17.1819	15.7584	13.792	13.4255
3.69853	3.39098	3.42814	5.1467	5.08402	4.95283
10.2397	10.4297	5.59882	7.6459	5.44481	4.56825
0	0	0.0656592	0	0	0
13.1556	14.1078	12.4992	12.7557	10.5106	13.7793
7.63871	7.02247	7.57271	7.29976	7.48285	8.47487
65.664	69.6088	60.8895	65.3731	60.7052	72.4091
0	0	0	0	0	0.0791783
0.15442	0.0769752	0.0778187	0.140742	0.200718	0.181752
0.520635	0.146431	0.49254	0.369496	0.0656774	0.0205422
0	0	0	0	0	0
0.1381	0.129075	0.0652448	0.118001	0.205683	0.0290256

34.9652	39.9655	35.4653	82.5629	27.5488	36.548
39.4322	36.9585	47.6959	58.0432	43.6992	41.0907
88.6692	82.0174	105.023	85.5407	82.1048	61.9609
30.434	24.698	25.8516	30.7072	22.4638	30.7131
0.00201813	7.26E-07	8.33E-07	9.48E-07	1.00E-06	0.329157
5.36077	7.31431	6.00761	6.89942	4.20966	4.18932
203.143	235.946	182.293	199.755	123.304	163.057
17.0622	16.773	18.7715	16.0807	18.2995	17.3316
0	0.0618161	0.0624935	0	0	0.0417024
10.435	10.8613	11.7329	8.65018	12.2755	10.2823
153.814	156.398	131.522	154.704	123.079	152.198
2.14126	1.48246	0.499569	1.17457	1.54624	1.93353
0.153036	0.190713	0.385606	0	0.663062	0.257318
1.47103	1.39672	1.41203	1.75573	1.44164	3.00345
4.44092	4.6497	5.9618	5.99257	9.64035	7.6813
0	0	0	0.0330753	0	0.00813577
11.2077	11.7555	12.6657	10.8443	10.895	9.53129
0	0	0.0808766	0	0.0695349	0.0539697
19.1365	16.9315	23.1197	16.9798	28.1922	25.1084
33.5615	33.0272	33.3774	30.9298	37.2545	33.1533
3.15439	2.96222	3.17275	4.00459	3.06902	3.15356
32.3806	39.3202	35.6628	37.9919	32.6809	39.8183
3.98224	4.60933	3.88049	4.30197	5.97465	5.57986
0	0	0	0	0	0
10.1875	11.7258	13.7609	11.9244	12.981	12.5827
3.23217	3.93087	4.61173	3.32743	4.26028	3.66675
0.456682	0.379411	0.575352	2.42802	0.494668	0.255959
0	0	0	0	0	0.0107768
0	0	0	0	0	0
0.0913815	0	0	0.104109	0.0989826	0.153651
3.8193	2.85233	4.58594	4.09993	4.67465	3.17616
32.1159	37.8477	30.3236	35.9701	32.0293	37.5097
11.0257	14.1712	16.3965	21.1326	5.62013	9.92372
0	0	0	0	0	0
1.09582	1.31375	1.08348	1.13782	1.72786	1.14284
42.3765	40.2842	30.6116	38.6816	27.4898	34.0697
12.5916	9.73576	12.0189	11.153	18.3725	13.7653
19.678	20.0333	20.0239	22.0526	22.7774	21.3665
58.4388	61.5481	229.014	241.502	37.9135	48.7711
8.3746	6.33915	7.42462	5.30057	8.43285	7.69253
6.89838	6.55178	6.24114	8.34156	8.60776	7.87633
13.8616	13.1252	16.2592	14.5905	16.9249	15.4365
30.709	32.2275	32.5288	31.3432	26.9767	24.1511

0.0611447	0.218192	0.163067	0.220366	0.380537	0.0576933
7.31794	6.74795	8.45475	6.19958	9.23814	10.3441
15.9303	15.4112	15.1579	14.9912	17.4533	15.7999
7.97168	6.99555	8.67195	6.32835	10.4509	6.8173
0	0	0	0	0	0
48.2003	46.6553	59.5855	51.0742	45.4385	49.5821
0	0	0	0	0	0
4.99968	5.29867	5.03371	4.30855	4.62868	4.43681
0	0	0	0.0293619	0	0
0	0	0	0.0336437	0.170696	0.169454
11.5156	8.43497	13.5844	5.93547	13.8695	11.0796
0	0	0	0	0	0
11.3398	10.7891	12.615	11.2998	12.486	10.7789
0	0	0	0	0	2.40623
0	0	0	0	0	0
5.14572	4.87089	4.36141	6.28616	7.0594	5.68016
26.2657	28.3702	18.6425	18.6814	41.2067	41.0632
164.309	160.099	62.7484	63.7278	75.5331	87.2405
2.76458	2.71219	2.5937	2.27846	3.88653	3.11544
5.46258	163.231	9.02647	653.896	42.9194	138.506
5.44011	4.91027	5.27258	4.65527	5.99882	4.49141
59.8497	59.428	52.1599	54.9584	49.5709	53.4452
0	0	0	0	0	0
0.372429	0.519834	0.104071	0.476692	0.358254	0.198697
0	23.2723	0.553583	245.922	0.475952	11.6366
11.659	11.1943	10.5765	8.9765	10.3503	8.19341
13.047	13.1123	16.1377	16.6363	11.8727	12.5841
0.24364	0	0	0	0.527813	0
2.34267	2.24246	3.15817	2.33373	4.49278	2.61174
13.5736	12.4715	12.8488	11.3477	10.9961	10.6376
80.3266	88.3993	65.8976	77.9289	53.8015	68.6072
0	0	0	0	0	0
0	0	0	0	0	0.0553892
0.0798554	0.0995157	0	0.272934	0.259493	0.201406
23.5472	23.7871	23.904	23.7096	21.2628	21.7166
0	0	0.947089	0	0	0
5.99154	5.51652	6.41443	6.87176	5.3021	5.48743
0	0	0	0	0	0
2.138	3.58313	2.87934	2.93975	1.51728	2.23131
9.66427	11.0988	8.45198	10.3719	12.0431	16.7512
10.9972	11.1653	9.60362	12.0436	13.8543	11.9317
57.4332	61.3404	51.7338	51.4502	38.666	24.1437
39.6474	44.22	47.7755	50.9064	54.6046	50.4435

0	0	0	0	0.0507168	0
10.6809	7.26734	11.2633	5.99221	9.14504	4.89225
42.9252	39.233	44.4027	46.3332	49.9123	49.4168
35.8565	41.9506	33.5801	38.4007	36.8781	41.172
0.797821	0.597279	0.724951	0.616794	1.00199	0.750952
20.815	18.743	17.5219	15.4914	12.0953	13.4881
11.9341	12.531	14.4884	14.616	16.2556	18.1791
0	0	0	0	0	0
2.59779	1.8616	3.28007	0.848977	3.21108	2.07435
0.14807	0.29524	0.149237	1.11338	0.0320773	0.149381
8.53253	9.78236	7.33999	5.7064	5.10168	4.9496
0	0	0	0	0	0
4.214	3.20637	5.22468	3.65175	6.16159	3.84098
0	0	0	0	0	0
1.08957	1.35782	5.49079	0	0	0
11.9722	12.2071	13.4021	12.9389	12.7836	10.5665
1.94817	1.25887	1.90899	1.31527	2.26654	2.48711
10.7257	10.5011	10.961	9.34128	11.1854	10.315
19.7892	20.9852	18.9327	19.4494	22.668	21.0306
19.2264	19.6214	19.8111	16.6481	27.8482	23.9598
0	0	0	0	0	0
0	0.0817867	0.0485036	0	0.0831468	0.0122608
0.0355096	0.044252	0.13721	0	0.0384632	0.128095
3.12906	2.15793	2.8705	2.11124	3.85001	2.93712
31.8655	27.4038	35.9332	25.2844	34.7825	21.6597
1.21468	1.07056	0.620964	0.513578	1.25923	0.859524
0.882492	0.754882	1.07538	0.988941	1.19084	0.899955
12.4258	11.8609	12.3025	10.3186	12.5356	11.3786
64.7982	74.1397	53.8753	62.392	75.7378	90.6103
0.129288	0.251748	0.293192	0.0368238	0.218816	0.463762
10.6919	8.90785	7.10327	7.3074	6.74822	6.65178
3.8868	2.95349	5.9717	5.4542	4.77487	3.86542
0.871811	0.652277	0	0	0	0
18.9106	17.7108	19.9743	21.2525	20.8236	20.9176
1.34493	1.50192	2.28856	2.02974	3.74606	4.72838
0	0	0	0	0.0374477	0.0290651
14.9551	15.4051	11.871	14.4774	14.3263	18.9684
0.20744	0	0	0.118166	0.112347	0
0.1958	0.0406676	0.12334	0.148714	0.353478	0.109741
0	0	0	0	0	0
0	0.366138	0.370151	0	0	0.049401
4.52043	3.06376	4.89577	3.61407	6.35678	3.0003
0	0	0	0	0	0

0.468984	0.116889	0.354511	0	0.457194	0.078856
0	0	0	0	0	0
10.3339	9.09646	15.1891	10.2783	14.0363	8.41206
3.31E-09	3.84E-08	7.85E-11	0.224179	2.51E-08	1.67E-07
0.177436	0.221121	0.253349	0.350393	0.461268	0.358014
0.763196	0.317031	0	0	0	0.213876
0.13363	39.4053	0.515586	617.81	0.407097	12.4071
175.218	272.945	303.53	349.34	403.309	368.269
2.63695	1.94988	2.57778	1.86985	3.04592	1.61899
0.0448699	0.0393399	0.108429	0.0548776	0.122058	0.0621792
0.85936	0.458971	1.1136	1.06297	1.54254	0.825685
3.05958	2.30537	6.36448	4.1341	5.20216	3.23013
0.353647	0.130582	0.20627	0	0.227001	0.0495526
2.65153	1.27089	1.54179	2.32372	1.10465	2.91507
6.91204	6.52869	5.94366	5.34359	7.87321	7.40215
26.4128	28.2281	28.0497	29.6978	30.939	36.023
1.3356	3.94629	1.05845	4.73667	0.980018	2.49925
0.0385828	0.0721227	0	0.0439567	0.0626881	0.0810925
24.9244	26.2798	31.3262	24.5006	23.6409	22.5913
29.3348	29.5131	27.8985	29.3042	26.7374	30.7374
21.9048	14.9627	17.5469	15.8542	23.27	15.5696
0	0	0	0	0	0
6.83287	6.01693	7.51698	7.36848	6.68551	7.35192
0	0	0	0	0	0
8.60113	7.38215	8.51715	6.67255	5.61894	6.13375
0.428855	0.167012	0.472758	0.0610734	0.145165	0.022534
0	0	0	0	0	0
0	0	0	0	0	0
0.265497	0.291117	0.683862	0.993307	0.419709	0.869045
0.0515907	0.0642923	0.0974952	0.0587764	0.139705	0.0867459
0	0	0.0506707	0	0.0435649	0
0	0	0	0	0	0
0.0348649	0	0.0439247	0	0	0.0293113
0	0	0	0	26.4278	0
0	0.0224826	0.0227289	0	0.0195416	0.0758361
22.1027	24.4077	32.0081	34.1452	18.4189	22.615
1.73107	1.593	1.87884	1.35521	2.49978	1.13439
6.50207	6.55261	6.62646	7.44043	7.83835	8.4862
0	0	0	0	0	0
0	0	0	0	0	0
15.3425	15.5829	13.5674	14.4783	12.567	15.1914
0	0	0	0.0819991	0	0.0605097
0	0	0	0	0	0



9.77041	9.30514	10.3278	10.2806	8.20836	9.42952
0.129506	0.161391	0.0815796	0.221317	0.210418	0.217755
0.162135	0	0.723532	3.66E-18	0.537926	0
2.3397	2.91574	2.45641	3.33198	2.74551	3.05981
0.437928	0.272873	0.413794	0.124731	0.474355	0.0920428
0.716558	0.515177	0.624987	0.408181	0.89557	0.602419
13.9312	13.2748	10.4525	10.8013	13.1083	13.419
13.4612	13.5911	15.5459	11.8571	18.2936	17.971
14.7475	13.2395	17.7357	14.1519	13.6594	14.3454
0	0	0	0	0	0
0	0.221277	0	1.01147	0	0.149278
0.612736	0.806013	2.05878	0.620515	0.811193	0.658553
24.7175	22.9414	28.2155	24.1125	27.9673	24.4178
1.50032	1.32734	1.32746	1.89196	2.20818	1.60797
0	0	0	0	0	0
2.83168	4.41025	4.54639	3.63482	6.13405	5.9844
12.4321	11.8312	13.9913	10.6194	14.517	11.8099
11.2485	12.8498	15.409	15.5614	12.2328	15.1985
2.44542	1.38522	2.70743	1.51965	0.963209	1.30829
14.0319	14.4978	17.0267	15.9136	18.2623	15.8162
1.95652	2.65023	2.65546	1.73369	2.76426	1.74023
0	0	0	0	0	0
0.584236	0.663538	0.383237	0.291085	0.724687	0.679265
0.020093	0	0.0112508	0	0	0
0	0	0	0	0	0
0	0.648376	0.655481	0.296375	0	0.656113
0.22872	0	0.288154	0.208462	0.247745	0.230745
0	0	0	0	0.0753262	0.0584646
5.05E-56	1.05527	1.46326	4.30496	0.581966	4.94394
1.1161	1.02221	1.6433	1.53199	1.10698	1.09659
78.4762	66.4016	71.6138	61.7005	86.203	58.7704
0	0	0	0.256163	0	0
0.925152	1.79344	0.518025	1.63957	0.334035	0.604945
50.7004	52.8664	50.4993	52.0622	50.7901	63.247
0.122493	0.114488	0.40751	0.259128	0.497414	0.29112
3.64111	2.46686	3.42857	2.6585	7.1972	3.77298
0	0	0	0	0	0
36.0514	33.3673	29.5597	27.9243	44.4536	30.7558
0	0.0376599	0	0.0344289	0.0327335	0
3.35695	4.42925	1.11885	1.71488	1.03345	1.15906
0	0	0	0	0	0
13.0526	15.4268	15.4343	15.5282	16.2573	17.0668
0	0.00651062	0.0105311	0	0	0

1.55178	1.8616	1.89058	1.95466	2.18429	1.75575
33.6612	31.9093	18.4493	24.9739	17.1656	21.478
21.1096	19.1074	22.1519	21.5877	21.8083	21.3562
0.0255872	0.127552	0.128621	0.0291511	0.273047	0.174398
14.6051	13.4114	13.7344	16.4801	18.9989	20.0921
0.270992	0.31011	0.425406	0.466184	0.534909	0.283877
0.0496993	0.0929028	0.0939208	0.0283108	0.0538333	0
0	0	0	0	0	0
0.0581089	0.217246	0.146418	0	0.0629424	0
99.592	109.887	93.1149	90.9658	69.8567	87.7107
0.116041	0.0482034	0.0487316	0.0881357	0.0418978	0.032519
0.0527196	0.0875987	0.177117	0.0800833	0.0951746	0.07387
3.87822	3.0981	2.97544	2.20929	6.30124	5.39231
3.01926	3.43002	3.96712	3.15312	3.65853	2.96138
0	0	0	0	0	0
2.53707	3.47644	3.47644	2.69972	2.83717	3.1187
99.2885	93.7413	111.214	95.4352	105.436	104.456
27.985	37.6281	29.8757	30.5404	19.8362	23.8575
20.4137	20.6506	19.7197	19.8186	19.2284	22.2838
0.243921	0.0921133	0.121059	0.252932	0.288229	0.22371
0.288508	0.293623	0.290782	0.525907	0.813817	0.438109
0	0	0	0	0	0
1.91677	1.44663	1.28461	1.88262	1.639	2.27633
2.3368	2.70637	2.49602	2.02564	2.68249	2.3276
49.1836	39.3751	48.8419	31.4062	62.2247	40.86
7.91971	9.17559	10.5753	8.74084	10.1869	9.79656
5.88025	7.36288	7.7339	7.51659	7.14744	8.21111
4.30336	3.9204	3.94424	3.40622	5.56024	4.04712
4.60499	4.68834	4.48071	5.34007	3.80783	4.66651
3.32163	2.83182	2.65921	2.27152	3.13779	2.67702
0	0	0	0.0400359	0.0380644	0.0886313
0	0	0	0	0	0
0.683076	0.327403	1.05917	0.598628	0.967553	0.265048
0.104853	0.261334	0.264198	0.119457	0.113574	0.0881508
0.898674	0.600755	1.01973	0.562775	0.709118	0.355247
0	0	0	0	0	0
0	0	0	0	0	0
2.40908	1.92801	3.80082	2.49282	4.32118	2.52703
1.79983	1.44545	2.11635	1.91381	6.93168	4.97653
7.69601	7.19309	7.49006	5.52384	17.4225	17.1134
1.01201	0.892844	0.926648	0.430441	1.28078	0.720563
0.475705	0.593797	0.77916	0.338476	0.321828	0.197239
0.235893	0.29397	0.445787	0.268749	0.127757	0.694114

9.97936	7.33421	8.05932	9.71736	10.717	11.2581
0.0236339	0.058905	0.208427	0.134628	0.230398	0.139085
10.0762	11.1545	6.28249	6.84614	12.4897	11.1487
30.6786	35.2234	35.0704	71.8992	30.0862	35.5281
1.73017	2.12531	2.27324	1.74621	2.06138	1.78231
3.27538	2.96712	3.414	2.89365	3.24114	3.24487
14.2245	15.8556	16.7654	14.3622	13.7183	12.6954
19.2142	27.7061	45.297	29.8981	14.3362	19.6354
0.249983	0	0.629885	0.284802	0.541554	0
3.5822	3.21739	3.84219	3.25388	4.21225	2.83524
4.17423	3.83559	4.01075	3.37107	5.68041	4.02017
40.4625	42.9512	34.2663	39.8105	35.2519	36.2219
25.1424	30.1353	21.1522	28.2636	17.9145	23.6656
5.70671	5.56407	7.26412	6.33312	5.95719	5.31973
0.035587	0	0	0	0	0
37.887	37.8632	35.5049	31.2711	29.2977	38.2168
0.0314572	0.0392019	0	0.0358387	0.0340738	0
1.22173	1.08453	2.44585	2.30711	1.4865	1.12561
13.4164	13.8704	12.6391	14.1712	12.9846	14.3141
0	0.0973567	0	0	0	0
123.47	131.441	146.949	135.194	140.707	135.548
0	0	0	0	0	0
19.4988	19.2646	21.0294	19.6225	37.8882	35.1811
0	0.0258221	0.026105	0.0236067	0.0224442	0
13.7807	10.718	32.6001	17.818	24.8873	18.7329
0.65785	0.815101	0.824933	1.48028	0.658716	0.747752
0	0	0	0	0	0
0	0.349832	0.353665	0.479728	0.152035	0.826014
59.8311	56.7081	91.9853	75.2187	80.1842	68.8472
125.292	122.125	113.935	127.273	140.004	158.793
2.09666	2.42089	0.910869	0.907204	1.53438	1.84572
0	0	0	0	0	0
2.85977	1.3893	2.71744	1.04922	4.89586	3.15812
17.9572	18.7317	13.8535	20.5286	16.4482	17.5828
0.483883	0.491345	0.869276	0.377728	0.75708	0.429406
0	0	0	0	0.186991	0
6.70213	6.895	8.41676	5.01189	10.3488	6.3179
26.5486	29.5765	24.1184	33.0411	22.8096	31.6856
5.90655	5.80543	8.18864	5.13843	9.3157	5.62018
1.01879	1.53555	0.999404	0.619436	1.57368	0.884883
10.2327	9.92397	13.2886	10.8022	13.5733	12.3849
0	0	0	0	0	0
2.40308	2.47508	3.08282	2.47526	3.54193	2.95203

0.838822	0.42536	0.674975	0.404445	1.03195	0.609549
12.9615	15.1312	14.2744	14.4977	15.9795	16.3364
12.9959	10.4774	12.4902	8.56012	7.11781	7.05314
24.0671	22.518	23.076	17.0875	26.5127	21.4053
0.192385	0.71925	0.242377	0.438362	2.50065	0.646962
37.7067	36.8583	44.0834	32.1279	46.834	36.4121
22.3851	19.3368	28.1879	22.2066	40.5599	23.7604
9.14048	8.15722	7.95161	8.10794	10.8969	11.8955
1.97883	2.34272	2.06923	1.62321	2.31491	2.0629
0	0	0	0	0	0
0.600278	0.385034	0.622804	0.6336	0.879694	0.831206
5.61975	5.3419	8.3242	5.92901	10.4027	8.16382
0	0	0	0	0	0
0.361331	0.49532	0.227612	0.205829	0.352248	0.273398
7.50511	6.37766	7.38781	5.49646	9.43627	6.90193
1.63295	1.25465	2.39757	1.4967	1.83527	0.836089
0	0	0	0	0	0
6.3442	5.53351	7.17995	6.85312	7.43372	6.11003
27.2619	18.1528	30.2632	31.4524	22.1472	17.33
0.479757	0.676783	0.603705	0.692015	1.03839	1.15502
1.88163	0.750364	2.4654	1.54347	3.75019	1.77174
36.599	33.0787	37.8922	34.3517	55.0396	45.0449
0.65401	0.623643	0.575876	0.563568	0.356418	0.632763
15.5485	13.8671	16.6466	16.8391	19.5609	15.4342
0.272303	0.0769768	0.160844	0.047395	0	0
1.36918	1.28291	1.80278	1.09074	2.37513	1.51458
9.84477	10.4481	14.9119	10.3296	15.8241	15.1714
0.54491	0.773592	1.17159	0.83525	1.46438	0.868654
3.4774	4.78183	3.02139	3.4153	2.72758	2.72187
1.3903	1.53988	2.23834	0.915538	2.67716	0.870211
0	0	0	0	0	0
15.0789	15.5199	13.5365	15.1273	12.9938	12.677
662.017	0	0	0	716.88	834.41
53.5333	112.385	24.2996	77.7353	19.6023	15.9059
1.09744	1.0941	0.829567	0.416764	1.34722	1.96828
0	0	0	0	0	0
1.25841	1.3907	1.07689	1.10908	1.13162	0.578885
47.1134	48.2775	37.3438	36.8992	28.6359	35.7281
20.6092	22.2671	21.6584	21.1278	22.7999	25.9184
18.7307	17.9661	14.1119	14.3057	17.9384	19.4879
89.1007	104.884	73.6412	78.4312	54.0012	74.8146
1.29623	1.29229	0.816529	0.738385	0.982833	1.08975
11.3847	10.827	12.6124	9.37067	12.9384	10.0651

3.24587	3.5523	3.02728	3.13382	3.46883	3.71822
12.1748	12.0717	13.6283	10.9046	12.8909	10.966
11.6052	10.9851	11.4783	10.1149	13.4177	9.86326
0.969733	0.60424	0.407241	0.368267	0.525198	0.679389
0	0	0	0	0	0
0	0	0	0	0	0
6.29307	8.09652	6.2068	5.29421	4.15426	4.52097
2.76868	2.17475	2.7905	1.94994	3.54424	2.05963
55.7907	58.7914	55.4926	54.5981	40.7438	51.0319
0.411679	0.256517	0.622386	0.328313	0.312145	0.311493
0	0	0	0	0	0
0	0	0	0	0	0
4.36214	3.93836	0.770903	2.26369	6.09899	8.92713
0	0	0	0.11541	0.0548634	0.0425823
0	0.150003	1.22E-284	0.429006	1.38335000000	4.96E-228
21.5319	24.0646	23.1924	21.8082	11.7576	12.4609
8.10113	7.15849	9.59201	6.45954	10.2653	8.85108
1.34982	1.34922	1.48801	1.10532	2.17792	1.83225
40.4075	46.4545	34.2387	43.6517	35.3964	45.7611
31.1002	29.2855	25.9744	26.8394	25.6334	31.108
0	0	0	0	0	0
22.5839	21.9755	23.9215	21.0741	25.1047	20.9264
0.0212323	0.0529193	0.106998	0.0725687	0.0689951	0.0178502
2.08944	2.57253	3.94495	3.68392	2.31199	1.40594
0	0	0.0250474	0	0.0430698	0.0668574
1.58592	1.97637	1.3321	1.61484	1.55679	1.66664
0.00742415	0.00925196	0.00467667	0	0.0160834	0.0156039
42.5346	48.7819	51.5693	42.3343	39.3346	33.3059
0	0	0	0	0	0
14.3895	15.9298	19.3437	17.3951	18.6632	18.4532
105.479	82.3067	86.1133	77.2012	110.613	89.6331
0.117152	0.200743	0.424336	0.375384	0.285519	0.412433
0.0736594	0.095619	0.1856	0.141613	0.108598	0.104501
25.5079	25.13	25.7871	25.4715	25.3123	26.1241
0	0	0	0	0.420256	0
0.501642	0.304855	0.31147	0.277885	0.796607	0
6.82702	6.26905	8.60104	7.60239	8.91997	6.44012
6.67465	6.40132	6.83417	6.22328	8.25565	7.42038
11.4719	11.0412	12.9294	10.544	16.2421	11.8608
26.551	25.1448	26.3607	21.9697	36.4468	27.4591
27.5642	27.3031	25.1959	23.4124	19.4256	20.1195
0.0389418	0	0	0.0443657	0.0843619	0.0327388
0.512349	0.404376	0.408807	0.272398	0.443973	0.473812

8.06172	7.30127	8.78083	6.78297	10.7173	7.4721
9.22902	9.20038	8.8384	8.47968	12.4941	11.5013
4.70709	4.45586	6.04419	6.14929	4.87644	4.83271
0	0	0	0	0	0
3.85911	3.777	4.9805	3.00257	5.38317	4.9853
65.8118	77.5785	82.6952	71.329	75.631	58.3973
0.0263202	0	0.0331596	0.119944	0.0570189	0
0	0	0	0	0	0
7.79671	7.4046	8.73153	7.43093	10.4774	8.3018
0	0	0	0	0	0
2.29611	2.11381	2.56134	2.02455	2.73068	3.00428
22.0255	21.2818	21.4191	17.6925	20.2295	16.1065
12.4872	13.8305	14.2164	13.8181	15.007	15.8035
0.234088	0.291721	0.663564	0.666732	0.824069	0.738004
0.102175	0.0318326	0	0.0582031	0.0276685	0.0644248
32.8083	36.2238	28.6464	36.928	24.7984	32.2827
0	0	0	0	0	0
0	0	0	0	0	0
14.7497	14.4148	18.1249	16.8179	24.353	20.5464
7.90168	8.67123	8.2946	6.07044	8.33599	7.18545
50.0129	91.3891	14.522	16.7097	0.74664	0.354948
1.6826	0.706317	1.28763	0.36431	0.380163	0.197708
6.13153	5.81991	7.32458	6.37024	8.53422	4.94118
4.98399	3.86164	7.66704	4.1045	6.22757	3.81347
14.0734	16.6959	13.3947	12.3928	16.7751	15.2417
14.17	13.1285	16.1998	12.7167	15.642	13.4349
0	0	0	0	0	0
14.4287	12.6154	14.5927	12.8929	14.1177	12.682
5.46985	4.86178	1.41878	0.962249	2.57052	1.58921
0.396384	0.444576	0.34957	0.180637	0.343484	0.0333245
2.01452	3.08036	1.72488	1.49545	1.35712	2.3506
0.0191567	0	0.0325859	0.0294673	0	0
0	0	0	0	0	0
10.2248	12.3908	8.94757	17.3602	6.69451	11.4038
0	0	0	0	0	0
30.8153	32.2062	30.9676	28.0069	31.3625	30.1462
3.7475	4.14236	4.54118	4.01458	4.92934	4.8428
20.597	21.4637	21.6852	38.3607	17.5088	24.5803
0.517808	0.514608	0.109898	0.0993805	0	0
0	0	0	0	0	0
47.338	49.5917	43.8574	39.9755	43.1045	36.9079
184.175	201.193	177.945	215.609	166.573	186.02
16.9688	17.9205	17.8672	16.7217	17.6692	15.5051

0	0	0	0	0	0
6.04781	18.4873	19.9	19.5762	47.6286	59.2889
0.0904147	0.0482892	0.0976366	0.0588617	0.209862	0.238897
53.3101	53.0493	52.5801	45.3099	35.8376	37.2734
12.4045	12.5605	11.5006	11.7897	10.3035	9.68121
3.23068	2.71144	2.65808	2.37866	2.57099	1.9031
84.6305	88.8056	86.7388	92.0197	88.5337	114.681
1.56788	1.24812	2.14058	1.43205	3.23191	2.82926
0.0317649	0.0197927	0	0	0.0702479	0
22.2046	20.8228	22.7755	21.0481	21.3016	21.5292
0	0	0	0	0	0
0	0	0	0	0	0
1.45863	0.90417	1.87208	0.368687	1.49719	2.30253
40.4621	40.1918	39.9661	37.842	40.122	47.0119
1.18973	2.79102	1.10212	0.997059	0.454831	0.882798
5.73428	2.46416	12.3935	4.33654	0.963816	0.748068
4.71108	5.05107	5.45327	4.07787	6.46929	4.91752
0	0	0	0	0	0
0.136124	0.0983359	0.138076	0.182656	0.229831	0.207622
4.08157	2.93271	7.45508	5.01047	8.02703	4.51398
95.9289	101.808	87.5751	93.2321	79.0526	97.1669
0.191729	0.094391	0.0954253	0.115059	0.145154	0.112661
0	0	0	0	0	0
7.4271	7.64278	5.765	3.24955	7.21841	5.2424
4.99035	4.54063	5.37956	4.42464	6.35535	4.45876
18.4912	18.7602	15.7971	16.9615	17.9768	18.3719
4.30115	4.60926	5.08146	6.42559	5.4203	7.24613
18.6086	18.5521	19.2682	15.3262	15.9992	14.0882
14.6336	12.3082	11.1794	10.953	19.9143	19.1179
8.1118	7.16365	7.68398	5.95842	6.689	4.81993
52.1762	30.6725	57.3751	28.6731	63.6562	30.1164
1.62842	1.3988	1.02928	0.594478	1.65527	1.40436
0.690418	0.344159	1.13077	0.707923	1.64526	0.812619
14.8553	15.1888	14.7508	14.2659	12.4652	15.3859
11.4268	11.1152	12.5515	10.1041	12.2861	11.2196
0.18418	0.114763	0.23204	0.183604	0.0997501	0.309685
3.81867	3.41167	4.35011	3.9839	8.96922	4.12223
4.22569	4.39874	4.93641	3.90186	3.30983	2.75789
5.5492	5.64085	6.51915	5.98754	6.58115	5.27824
10.0106	10.3296	11.3062	9.02241	12.1756	9.55456
18.1451	17.2543	17.8411	18.343	15.6812	16.5312
33.1716	33.6334	28.7137	29.0289	24.5887	25.9326
22.119	16.9177	21.071	26.3133	28.5075	19.0218

51.1634	58.1708	53.9652	53.1802	41.8702	52.0679
3.85801	3.2057	4.4569	2.48511	5.74608	2.59266
0.0135394	0.0253091	0.0255864	0.00771258	0.0366639	0.0227654
68.8807	71.3303	72.9485	80.1557	70.6783	92.2224
24.9139	10.8551	29.3722	15.8579	17.3216	17.1254
13.6597	11.6969	12.6302	9.37377	15.3151	12.0547
0.0408971	0.0509659	0.128811	0.0465934	0.0221495	0.0687654
6.5675	7.10217	8.47923	6.49285	4.99728	6.70779
20.5072	24.5385	19.9282	25.357	21.2275	30.9508
0.0495185	0	0	0	0.21455	0.124892
30.7353	35.0495	32.4408	32.0425	33.3554	35.9979
0	0	0	0	0	0
7.59542	6.91605	8.42083	7.86876	5.92359	6.69207
48.1711	44.4859	60.7775	41.2244	48.2625	42.7701
28.3162	31.2398	23.8436	27.7176	29.3495	28.6085
1.28904	1.28352	1.55856	1.63831	1.30505	1.13262
20.6872	19.8628	21.929	18.8586	20.3914	21.7767
3.47265	3.0563	3.61843	3.82758	5.0267	4.59395
69.4286	71.8202	60.0578	69.0447	52.0583	61.7558
0	0.0492615	0	0	0	0
0.34688	0.472724	0.247613	0.234574	0.0117294	0.0912912
7.72524	8.00537	8.52433	6.65884	10.199	7.28964
0	0	0	0	0	0
0.757039	0	1.14896	1.40326	0.250153	0.873708
21.3926	21.4778	23.193	21.8853	21.4268	20.3184
0.167337	0.208535	0.168656	0.266902	0.725025	0.56273
1.48956	1.225	1.14725	0.934396	0.986365	0.68952
23.1077	21.414	18.5225	15.7957	16.5297	14.7853
0.272432	1.45E-223	0.171082	0.050821	0.508648	0.150987
0	0.0863502	0	0	0	0.116507
0.00645441	0	0.00406581	0	0.0101956	0.00678287
7.91652	7.50292	5.19688	4.04934	4.99233	4.65681
110.622	99.7791	106.82	97.8241	116.771	121.839
0	0	13.1673	11.2445	10.841	10.4799
428.296	456.963	418.717	477.967	331.466	400.241
0	0	0	0	0	0
2.46994	2.37817	2.40423	2.55822	2.24946	2.39148
12.8106	13.2639	16.2111	12.0427	16.3701	15.1569
0.58823	0.3258	0.521503	0.421953	0.495568	0.384636
4.14584	4.07062	3.17995	2.87561	4.00822	2.67891
4.61169	3.59096	6.4218	3.54549	6.47773	3.04306
11.7796	11.3663	10.596	11.1555	10.4779	10.0526
7.83339	6.5253	9.05418	8.0213	10.417	8.51483



9.03905	10.9434	9.40636	9.9416	11.8225	12.5735
0.293505	0.146306	0.443728	0.334385	0.0635837	0.0493506
19.4846	19.0231	15.4657	14.8051	14.1973	19.2298
0	0.174491	0.176403	0	0.30333	0.235431
0.648378	0.617298	1.11859	0.788822	0.93824	0.522566
0	0	0	0	0	0
0.0433962	0.0540803	0.041004	0.139766	0.0470059	0.0364837
1.58998	1.37599	1.39107	1.7108	1.48303	2.00507
32.1447	27.2007	29.4776	28.5694	26.5465	29.5288
0.308253	0.263093	0.327836	0.573364	0.317416	0.21893
6.12288	6.07944	5.36212	4.65046	6.96918	6.47632
9.22984	11.2364	9.39296	10.4954	10.2567	11.3275
0.0529305	0	0	0.0603028	0.0573332	0.0444993
4.50813	4.08584	3.0119	4.66913	5.84495	5.28309
6.77156	7.74417	6.53004	8.31794	6.85187	6.46605
78.1446	62.7973	69.7695	59.0126	54.0285	64.9445
71.0523	71.0845	60.8893	59.2866	46.9977	52.4675
0	0	0	0	0	0
2.79627	3.4579	3.76678	3.0387	5.19566	4.28579
0	0	0	0	0	0
2.18698	2.66484	2.63282	2.9899	3.6323	2.69664
0.0374241	0.139913	0.0942977	0.0426366	0	0
0.821276	0.400489	0.224932	0.691579	0.0386778	0
0.299425	0.201979	1.27621	0	0.148773	0.613169
21.422	21.6528	21.1268	26.9732	17.5079	18.3968
46.5421	43.0648	51.622	59.1167	53.2714	57.2482
0.270614	0.486215	0.397373	0.853375	0.406412	0.189903
0.475983	3.25951	1.56454	0.858092	0.187309	0.222726
3.30209	4.09677	1.03542	4.68162	2.6929	1.0796
27.7662	27.2531	22.5986	29.3947	29.5435	24.996
9.88612	12.5525	7.52004	20.1354	13.9412	15.9171
5.88214	5.49348	6.27583	6.01728	5.55836	5.55329
0	0	0	0	0	0
14.8848	18.3894	13.386	20.9125	12.5238	14.5977
0	0	0	0	0	0
3.83017	5.07051	3.98485	4.86226	6.15333	4.12006
9.71713	10.4474	9.57346	10.3555	10.0398	9.55441
47.8724	51.4459	41.3107	50.5415	42.3305	50.6189
0	0	0	0	0	0
1.48177	0.846491	0.856921	0.859603	1.10973	0.698196
0.0154481	0	0	0	0.0334661	0
30.9716	32.3379	34.4499	38.7822	32.9434	34.2485
28.2097	30.878	32.6584	30.4333	40.7889	32.7909

1.80735	2.10247	1.01267	1.14441	1.74045	1.41817
17.1619	17.997	20.8323	17.0961	19.5317	15.8613
3.91296	7.12782	8.60931	6.77548	12.9081	12.082
1.99635	1.52043	2.42913	2.91013	2.74828	2.71593
17.2537	13.4461	16.2135	13.0589	19.7753	15.3908
18.769	19.7033	19.3942	19.5573	25.2638	22.3434
0	0	0	0	0	0
84.596	81.8182	95.816	111.647	88.7825	80.0162
1.8784	2.25921	1.18326	1.39351	2.55514	2.43307
19.5203	18.3626	22.2506	22.4353	24.2765	23.3285
0	0	0	0	0	0
2.62843	2.52122	2.97099	2.57756	3.39346	2.38262
1.88962	2.23464	3.14301	1.89262	2.9322	2.4915
8.44398	8.31259	9.35091	11.0697	9.20899	8.00658
0.182998	0.126695	0.333017	0.138991	0.35239	0.0683771
2.32876	1.5544	3.44396	1.74126	2.5693	2.43332
22.2291	20.9251	21.4234	22.5352	24.2821	25.1711
14.814	13.2265	13.7606	11.7655	15.8211	13.4457
13.8046	12.345	9.0985	9.7568	9.69169	7.4685
3.1081	2.50474	2.50615	2.73838	2.24448	2.52595
0.0347807	0	0.0438186	0.0396251	0.0753475	0
26.0116	18.2719	32.1816	15.4298	106.133	89.9532
4.56277	4.47481	4.29749	3.98614	4.79893	4.33297
53.2115	63.7293	58.3864	57.7932	51.3137	46.8194
36.113	35.3889	30.4847	37.7873	36.1765	41.7484
110.344	68.4164	96.1753	65.2163	127.844	75.7334
11.5291	10.9094	11.8757	11.5503	15.1639	14.4496
3.94467	3.17252	3.57247	3.33108	4.4639	4.77848
0.171143	0.106639	0.0718718	0.0758257	0.144183	0.183849
299.509	503.802	252.463	566.604	121.481	235.428
184.587	180.625	168.099	155.054	141.532	154.875
1.41972	1.20849	1.68131	2.43886	1.20058	0.912496
25.7312	23.9023	26.3059	24.6332	20.5764	20.1067
0.0790177	0.0738538	0.0746631	0.135035	0.171181	0.116254
0.0572847	0.035694	0.144341	0.0652634	0	0.0963198
13.9671	13.8292	12.2747	13.7312	13.7221	11.6805
1.416	0	0.44599	0.403307	0.766894	0.892839
1.03979	0.822188	0.708758	0.584303	1.27012	0.377129
2.13436	2.03228	0.0604247	0.0819628	0.701339	1.00815
69.7602	72.3992	61.2301	71.1769	51.8899	64.0503
0	0	0	0	0	0
6.66723	6.8488	8.12399	8.08613	8.39396	7.37642
54.1503	50.3664	54.2125	54.751	51.3123	44.7565

27.3836	24.6274	27.3642	26.1182	29.9224	27.8844
14.0378	16.2164	13.4508	17.9745	13.519	14.2819
119.314	80.3524	70.8469	54.1296	15.4273	35.3957
0.0537827	0.121636	0.123389	0.0726208	0.0874589	0.0723454
20.9664	22.8121	21.5462	19.3739	22.7103	26.1696
5.67377	5.81018	5.92799	4.22564	4.17915	4.08806
0.0238517	0.029724	0.0300497	0.0271739	0	0
0.246831	0.512667	0.518285	0.187473	1.02489	0.415027
7.89608	7.38946	11.4876	8.49163	16.5283	12.524
0	0	0	0.616353	0.1172	0.272896
0	1.61797	0	144.493	0.23245	0.360833
0.563918	0.504541	0.455419	0.494201	0.751784	0.534874
2.14318	2.19765	2.75211	1.97003	2.80964	2.30189
0	0.019569	0	0	0.0340182	0.0594075
31.0117	32.436	28.8468	31.5633	33.607	34.1645
3.43737	3.43633	3.8547	4.00221	6.58736	4.303
48.7967	30.4052	0	0	0	0
1.93517	2.23428	2.18706	2.56135	2.34274	2.36861
6.42108	5.99923	6.3981	6.42065	9.19941	7.63777
14.8814	15.6853	13.8938	13.8321	10.9512	10.9355
1.46972	1.49476	1.34481	0.876378	1.33003	0.825942
0.943136	1.09209	1.0009	0.735073	1.1807	1.4618
35.9378	45.6267	20.1937	30.4357	39.1098	37.4475
0.924643	1.15743	1.02537	1.05813	1.00155	1.0713
0.299299	97.4986	1.0558	1183.09	2.20452	40.8135
0.875367	1.15098	1.10369	1.91931	0.819038	1.94994
17.2708	14.0353	16.5795	15.4085	17.3109	15.1537
0.164692	0.0684132	0.138326	0.0625437	0.594638	0.369224
0.0906235	0.0392135	0.144499	0.0143397	0.185587	0.0964258
11.5445	11.3018	11.9444	11.6856	14.503	10.9825
142.44	154.096	148.203	157.149	158.327	152.435
13.2326	13.596	13.668	11.8725	13.9526	11.5359
3.38407	3.13949	5.11612	2.57027	4.82631	2.51311
0.206893	0.51566	0	0	0.672308	0.347875
0	0	27.5936	0	0	0
1.99178	1.87185	3.70199	2.82304	2.60094	1.90266
5.02394	5.08321	4.98821	5.1377	4.8847	4.636
2.53282	2.62375	2.29352	1.69529	1.98903	1.251
0.291257	0.303742	0	0	0.0757159	0
4.77971	5.5157	4.94381	4.25236	6.35628	4.74583
0	0	0	0	0	0
13.8475	12.6446	15.193	17.0553	12.2516	12.306
23.4187	25.775	15.4414	20.4468	13.1575	17.2044

0	0	0	32.2523	0	4.57692
0.552334	0.588996	1.24481	1.42508	0.932803	1.27033
0.939798	0.975979	1.05245	1.36811	0.791754	1.14125
9.49057	8.41458	10.4664	8.00508	10.5825	10.6717
0.137676	0.467057	0.878101	0.794065	0.552327	0.930103
18.9639	20.1613	21.1921	24.6568	18.6071	19.1408
13.8903	14.0171	14.1257	12.4485	11.7194	12.5483
1.7634	1.52864	1.54556	0.989892	1.3565	1.28916
0.163102	0.203257	0.205485	0.185819	0.176669	0.205683
5.77122	5.99614	5.71404	5.51166	6.22279	5.24981
23.7887	22.3556	21.6179	53.7599	21.1209	55.5723
5.02327	5.22819	10.1881	15.0616	16.562	8.72449
0.765646	0.727727	0.60397	0.747675	0.830472	0.643688
0.444901	0.184812	0.373674	0.281594	0.910271	0.415593
1.85016	1.66868	2.37532	1.73976	2.71007	2.16279
0	0.159076	0	0	0.13099	0.0362192
0	0	0	0	0	0
1.52849	1.59091	1.85199	1.07184	2.4924	1.84654
11.3419	10.8167	12.1182	9.77674	13.8017	10.5073
4.2405	4.5835	3.97955	4.97902	3.56209	3.71055
63.8209	58.7062	62.0185	62.7925	77.0975	83.6594
50.537	52.119	47.0294	66.9439	48.0734	49.4667
0	0	0	0.0713866	0	0
0	0	0	0	0	0
0.703171	0.576507	0.303068	0.316228	1.02223	0.637835
0.155873	0.048562	0.0490942	0.133187	0.0422095	0.065522
2.11047	2.10405	0	0	0	0
0	0	0	0	0	0
3.00547	3.5736	3.43907	4.99476	4.95786	7.60338
297.932	464.099	187.672	212.142	80.6775	93.9265
0.0606305	0.151115	0	0.0345376	0.0656737	0.0254864
29.5854	29.0757	30.3103	25.3109	33.5297	29.773
0	0	0	0	0	0
9.39322	10.0709	10.3664	10.6178	10.8453	8.92051
12.3207	12.9059	10.5112	12.2868	13.0216	16.5411
3.5884	3.92762	3.71642	4.31306	3.3958	1.5297
0	0.32019	0.161849	0.597636	0.313093	0.0540017
0.193181	0.361113	0	0	0	0.0812048
7.2281	6.33482	6.21274	5.54121	6.73176	7.78051
0	0	0	0.295354	0	0
0.563889	0.8464	0.70241	0.889163	1.20805	1.12409
0.11125	0.10031	0.0672262	0.0537503	0.196184	0.158814
11.488	14.9815	16.3444	27.551	18.2757	24.6232

1.37493	2.08559	1.79386	2.87946	1.39854	1.30124
0.0770336	1.74479	0.115024	10.8634	0.187745	0.993268
4.98296	4.44301	6.19536	5.00808	7.13147	5.71833
0	0	0	0	0	0
55.4754	51.2206	58.884	54.2403	60.2221	55.3653
0.780782	0.810841	1.39353	1.3343	1.05716	1.20342
46.3308	48.9754	51.6395	49.6007	42.7683	41.2998
4.5441	5.95326	3.66981	3.3186	3.02897	4.31006
5.88583	8.10285	5.42493	7.20717	6.75829	6.03687
162.584	154.888	107.612	124.732	76.0904	121.719
8.62352	6.43444	7.36973	6.66443	10.4575	7.00404
1.35107	1.0622	1.49081	1.18801	1.84651	1.15492
0.118189	0.147286	0	0	0	0
0.0505614	0	0	0	0	0.0425076
10.9958	9.16634	10.9737	9.9784	11.6982	12.6448
2.13422	1.75572	1.88919	1.25547	1.89623	1.42485
0	0	0	0	0	0
2.77844	2.39608	3.47298	2.28222	4.78312	2.52629
20.6515	19.659	23.9065	19.4506	26.1522	22.507
6.31795	7.69244	6.07107	5.61249	7.08543	7.93463
0.111955	0.0706485	0.0353585	0.032168	0.0947488	0.118722
0	0	0	0	0	0
14.2539	13.0456	14.8432	13.0706	11.632	13.3149
5.04095	4.45736	5.01793	3.94782	4.14289	4.04973
18.1612	20.3165	22.6624	21.1409	17.0535	14.5192
0.719317	0.417029	1.24747	0.45904	0.523702	0.195372
8.85271	6.71384	9.51363	7.41513	8.83022	5.87414
18.0748	18.6726	18.7215	16.9298	18.5068	15.4603
13.3255	9.55941	12.3433	11.6265	18.7339	14.1321
9.28177	9.19423	6.14668	7.72756	5.49953	6.00254
0.131167	0.326921	0.330503	0.373592	0.355194	0.275685
0.845914	0.508957	1.16107	0.77453	1.42339	1.0287
109.059	118.381	82.0467	100.156	83.3458	102.368
3.13209	1.99562	4.68769	3.78297	3.95379	2.3956
0	0	0	0	0	0.0670425
1.57482	1.74973	1.64939	0.67011	0.780974	0.733767
0.575264	0.685724	0.189065	0.227961	0.650206	0.672878
14.3871	13.623	18.8174	16.5326	18.0905	19.0374
1.19686	0.97867	0.644418	0.708323	1.00963	1.07356
10.6029	8.90865	8.35671	9.26498	8.53493	8.76002
0.104472	0.650966	0.13162	0.238047	0.339487	0.0878311
278.238	0	0	0	0	0
7.23918	7.00975	7.35511	6.55987	5.49297	5.03984

11.1607	11.5017	9.2068	8.63527	7.88415	6.58437
9.52906	9.58444	14.2228	11.8353	12.4383	11.8209
0	0	0	0	0	0
0	0	0	0	0	0
7.31831	7.02124	6.92136	7.28687	10.3155	12.3385
0	0	0	0	0	0
0.480057	0.681337	0.672003	0.592498	0.707762	0.627807
9.14602	5.71718	21.4953	19.9503	4.25501	3.15129
0.720764	0.663898	1.14494	0.74975	0.814661	1.31729
0.193607	0.0804242	0.0406527	0.183811	0.104855	0.0542559
3.26922	2.03705	2.74583	8.06991	4.13135	2.2904
26.8208	26.5816	27.2109	24.5522	28.0865	23.4347
8.79607	11.4547	14.9511	25.2843	14.094	14.0527
1.8387	1.84604	2.09138	1.7749	2.03839	1.95359
27.2049	27.8791	30.5082	26.556	32.2751	30.1433
0	0	0	0	0	0
10.9021	11.6587	11.6037	13.4673	10.3692	9.02317
0	0	0	0	0.0929387	0
0	0	0	0	0	0
1.5106	1.37921	1.31498	1.09243	2.53388	1.63498
14.85	14.9214	13.7907	15.93	12.2277	14.73
46.5991	49.8502	45.976	46.1258	54.1011	55.2581
0	0	0	0	0	0
1.41754	0.692544	1.97162	0.956051	2.81291	0.753199
10.4203	10.527	9.86363	9.18627	11.0435	9.75436
54.4988	58.0206	40.0819	41.9038	36.3101	53.6245
7.02681	8.24916	8.1471	8.70166	7.22522	6.8065
0	0	0	0	0	0
29.5099	29.1581	31.8494	30.1383	24.6818	27.0292
6.97973	6.40919	5.29465	5.59575	4.53885	5.02081
0.167448	0	0.0602741	0.0272529	0	0.0402215
16.675	17.2094	17.7008	15.3539	20.8854	19.9403
5.95789	7.69373	5.87432	7.91901	5.37789	5.04517
5.0952	5.14917	4.9995	3.5271	4.7184	3.94743
6.57733	7.65688	6.82106	6.6486	7.68806	8.135
10.5292	10.1909	10.0623	8.90626	8.69716	8.51359
0.56852	0.340075	0.544352	0.259082	0.960663	0.370939
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
24.2964	25.2871	24.0952	23.688	26.5233	23.1754
0.623113	0.55932	0.471383	0.340611	0.486153	0.398258
0.0833035	0	0.026223	0	0.162459	0.0174988

8.65804	8.81603	10.4026	11.5143	9.22148	8.61396
1.84018	1.89976	1.60829	2.08335	2.44857	2.18478
12.5607	12.6466	16.4633	21.6857	16.0985	15.2676
0.941878	0.836309	0.860306	0.603599	1.97668	0.979912
0.162412	0	0	0	0	0.068271
8.37576	9.81779	10.8657	8.12518	8.44367	7.63421
1.13205	1.026	1.12368	1.01614	1.85789	1.55737
8.54201	9.00634	8.45821	8.64776	8.63745	8.2475
1.42786	1.30156	3.13839	1.32505	1.83412	0.82992
0	0	0	0	0	0
0	0	2.65E-144	2.94E-209	2.81E-64	1.95E-208
5.13101	5.26631	6.07883	6.756	5.85884	4.92299
45.3986	49.8882	46.2197	47.5705	46.8964	59.2257
0	0	0	0	0	0
664.311	732.772	585.992	604.935	512.481	568.894
0.914013	0.736214	0.766745	0.584131	0.964216	0.749348
4.22E-06	0.767912	4.59E-06	0.314737	1.33E-05	4.65E-06
55.5856	61.4042	51.5923	51.4658	65.2584	60.8282
123.589	52.94	45.2388	66.3877	8.81321	14.5626
445.01	355.555	499.693	487.763	466.26	378.778
27.0728	23.4741	23.7314	20.4176	24.8641	51.9537
2.65438	2.81204	3.30916	4.08258	3.7022	3.23131
0.363964	0.0907142	0.183417	0.497589	0.473086	0.489582
0	0.11146	0.112681	0.441554	0.161465	0.350901
0	0	0	0	0	0
0	0	0	0	0	0
3.67979	4.61572	2.51495	4.38412	3.51694	4.04397
18.4375	17.6124	19.122	19.8716	22.208	19.768
0.308733	0.497925	0.276928	0.622784	0.316239	0.215087
1.64031	1.87516	2.72053	2.14222	2.07587	1.87489
20.3346	26.7334	28.5612	25.4269	25.8369	24.3122
50.3917	52.2417	55.4185	58.4054	57.31	53.9659
2.01794	2.7082	2.41194	2.00426	2.12975	1.56601
0.638718	0.824125	1.12045	0.909491	1.01273	0.920332
8.7603	9.09757	9.63291	10.5058	11.5699	15.8281
2.47597	2.87991	1.97287	1.75554	1.41938	1.29374
39.5509	38.6639	43.3002	43.2081	36.9012	38.2566
0.0621344	0.0387159	0	0.0353943	0	0.0261186
20.4969	21.1004	24.7557	21.0836	23.2777	19.3968
3.29763	1.91657	2.86039	2.17222	3.45377	3.58105
0.280756	0.396853	0.30704	0	0.225265	0.14752
0.400743	1.85E-07	1.91E-05	6.11E-08	5.05E-06	0.820918
4.71404	4.55077	6.77548	6.12705	4.2791	4.35388

0.272199	0.233445	0.260441	0.0704475	0.0613036	0.0445966
12.2883	10.6948	12.3963	9.87782	10.7296	10.3866
17.4905	21.2411	17.6447	17.4796	16.2502	16.8576
3.72538	3.63636	3.88995	2.9166	3.63408	3.10069
0.231453	0.318798	0.38368	0.222055	0.356265	0.256033
1.62994	3.45309	3.69628	1.67127	2.64828	1.64437
0	0	0	0	0	0
411.276	432.275	523.108	521.359	679.227	625.456
7.27394	5.88415	5.78785	4.65239	4.56151	5.36429
4.1388	4.33577	4.62071	4.04637	4.74215	3.89391
73.7388	78.4964	72.2324	78.4282	44.53	49.5529
6.77827	6.02167	5.41125	2.44669	6.61514	6.14994
0.373548	0.562943	0.347759	0.782216	0.298989	0.478466
0.124808	0.155535	0.360725	0.125463	0.230617	0.0678941
0	0	0	0	0	0
5.51895	5.61855	6.42788	4.63303	5.40294	4.14082
0.323926	0.242206	0.636636	0.487138	1.26313	0.642696
14.8723	14.7938	16.9972	15.1735	16.3569	14.7159
9.04285	7.95828	11.1951	6.0793	8.44496	4.91837
9.18322	7.68333	10.0569	8.61383	6.22132	7.74773
30.8555	28.2525	31.6681	29.9908	25.4132	24.9062
0.925592	0.576736	0.583055	1.05451	2.17226	1.42662
27.4759	32.4845	25.2501	35.001	26.2362	32.7734
77.0846	82.8435	67.1786	74.0578	71.2434	79.1889
0.0561677	0	0	0	0	0.0236104
3.8009	7.37874	1.10905	3.41589	1.1566	0.898613
1.7746	1.88629	1.81928	1.70463	2.18605	1.93073
0.231926	0.144513	0.243494	0.0880766	0.0418696	0.0649944
26.543	21.4678	25.1534	20.7265	25.1424	21.3822
9.87492	10.483	11.2634	9.21322	14.4378	13.085
2.92379	2.54123	2.64463	2.25485	6.49639	4.1346
0.0504472	0	0	0	0.0497342	0.0461658
3.38981	2.28688	2.56882	2.55527	3.06441	1.60706
7.23892	7.50077	7.47861	6.40936	7.00977	6.68359
0.128011	0.0796742	4.05E-19	1.08E-05	2.57E-06	0.106789
308.377	337.988	304.486	326.238	248.682	314.963
1.17128	0.843352	1.83635	1.18615	4.7647	3.30425
6.79372	5.43408	3.5511	2.79955	4.27958	4.09125
0	0	0	0	0	0
58.9618	54.3206	49.4547	59.1259	54.4752	77.4422
0	0	0	0	0	0
540.754	600.343	571.539	549.373	529.683	619.44
3.11903	3.60643	3.58518	3.68168	5.74688	3.55485



0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.28294	1.67924	2.63765	1.89042	1.95414	1.32946
0.329042	0.246031	0.331636	0.749744	0.427694	0.387281
0.148538	0.462771	0.0935683	0.0846136	0	0.0312195
7.82389	7.84929	8.6386	8.21338	8.23341	6.98771
3.79073	4.33306	7.75666	5.65186	7.42209	5.26726
86.5717	70.2472	62.8458	81.5568	60.8457	84.6175
76.522	71.8057	72.5185	70.7778	63.6078	64.8695
0	0	0	0	0	0
15.1185	14.0552	14.4122	14.6437	15.2416	16.7288
0.872869	1.306	0.866004	0.365346	1.33243	0.90328
22.9809	19.2089	17.3281	18.6416	23.3512	25.265
8.01877	6.71582	5.24334	7.21646	6.26662	7.79883
1.58302	1.58603	1.7905	2.21572	3.08618	3.15886
1.58762	2.80286	2.50021	8.44151	1.28976	2.66946
0	0	0	0	0	0
2.15248	1.77856	2.24019	2.0258	1.57124	1.53424
25.3365	23.0243	23.685	19.7771	29.6091	24.9038
0.298142	0.371545	0.30145	0.156411	0.386891	0.353479
18.5413	20.65	19.7828	18.9155	16.6415	17.094
0.126142	12.34	0.15892	114.178	1.29802	8.74902
0	0	0	0	0	0
10.4493	10.8424	8.70423	12.0527	8.34043	9.79855
0	0	0	0	0	0
27.5822	29.3549	31.4803	35.7055	26.2176	32.6171
0.7888	0.924678	0.840668	0.550272	0.693985	0.49053
5.52122	7.19348	5.6039	11.8368	4.71548	5.20391
0	0	0	0	0	0
22.6272	24.0745	21.2725	25.2408	20.305	22.935
41.1462	57.7611	40.6575	34.7325	37.3575	46.7219
22.7931	24.2788	22.5647	24.3149	24.5044	24.2344
2.50123	3.15414	3.08907	3.08953	1.48338	1.90365
24.8951	26.1756	25.0417	24.8614	24.7366	26.9502
36.0783	34.8997	33.8991	25.2506	35.1191	30.0677
3.85214	4.01638	3.65422	3.63187	4.28803	3.42458
0	0	0	0	0	0
5.57784	6.93549	4.8023	4.77679	4.93969	6.67504
3.4905	3.1528	2.77828	4.71651	2.16885	2.82077
2.55078	3.82541	1.96916	0.800391	2.27871	2.6682
6.5376	8.51591	6.77892	7.724	6.99397	8.02945
203.319	124.684	190.426	140.855	236.68	279.981

0.0435971	0.0724409	0.0732347	0.0827824	0.0787059	0.0366526
0	0	0.0361571	0	0	0
44.9127	46.027	44.3291	45.226	47.3354	50.0368
0.0202758	0.0505354	0	0	0.109812	0
0	0	0	0	0	0
0.269482	0.316073	0.119826	0.361195	0.154534	0.106615
22.7581	23.1428	26.0733	19.9707	27.0951	22.962
4.81377	4.51403	5.54675	4.02495	6.04664	4.21729
3.86258	3.79249	4.66574	3.39777	5.13728	3.56221
12.2476	15.7425	10.8254	10.666	13.4748	14.4478
24.3499	23.5974	25.7574	22.2345	24.0577	21.3686
0.115155	0.0717531	0.181348	0.180392	0.218284	0.15732
3.33311	5.68949	2.62793	3.74045	2.44284	3.34409
0.979554	0.646263	1.94188	1.52628	1.26388	0.762969
25.2975	22.1542	26.6612	21.5586	29.4416	26.1972
0.857266	0.534162	1.26004	1.70917	1.31548	1.08107
3.32758	3.58061	3.85123	2.87714	3.2566	3.53288
0.0455536	0.0283844	0.143477	0.0518984	0.074014	0.114892
10.6453	9.80478	9.20945	6.96435	11.2916	8.19
11.3855	9.81193	12.5023	11.2382	8.46146	7.99653
3.6768	1.55182	4.96838	2.00994	8.79946	4.46174
28.6522	29.4115	24.5057	31.4264	27.3441	31.7808
0	0	0	0	0	0
0.238309	0.252983	0.233516	0.402224	0.353736	0.281973
5.09155	5.8223	13.8608	13.4246	8.36856	9.62674
0	0	0	0	0	0
0	15.3948	0.262897	169.933	0.184591	8.81846
102.53	110.56	82.2202	98.6247	71.6364	105.862
0	0	0	0	0	0
11.3728	11.2732	11.7254	14.9635	11.6828	12.8519
4.73098	6.09876	6.089	4.86533	4.64247	5.31528
6.79566	7.28986	7.83102	6.64135	7.90519	6.2506
23.5826	24.5573	24.0163	25.3375	22.6559	19.4605
39.288	43.3764	42.5634	41.4447	43.1797	39.1552
0	0	0	0	0	0
12.6756	15.1584	10.2421	13.088	13.5304	11.8961
10.2864	9.5951	11.5736	9.35205	11.9363	11.7303
0.868177	1.03199	0.673093	0.669544	0.622105	0.640055
51.8031	53.064	39.9534	36.6375	43.1517	45.3673
0.905521	0.897638	1.19268	1.45368	0.824799	0.605566
80.4163	80.1372	80.1372	85.2223	81.6443	83.0913
1.97168	2.03278	1.32432	2.20649	1.57987	1.57237
12.1594	9.99454	10.43	16.6236	17.3182	17.5306

17.331	19.3227	12.0357	19.1608	11.1877	10.2707
0	0	0	0	0	0
127.237	135.99	148.097	119.546	173.4	132.361
0	0.198627	0	0	0	0
13.5963	16.8486	14.3023	20.7443	11.9415	11.8936
3.88437	5.62752	2.88782	3.97191	2.33418	2.42326
0.230933	0.21062	0.132633	0.184751	0.257179	0.136334
0	0	0	0	0	0
3.22568	2.82836	3.52917	2.46864	3.79887	2.7945
0.087247	0.0604268	0.135619	0.12264	0.327996	0.36468
266.513	293.733	259.694	294.486	231.27	234.945
9.10507	9.67629	11.4093	10.5036	9.10105	7.69597
8.8516	9.36893	8.98033	7.14354	9.15705	6.8909
4.47203	5.05576	3.31887	4.90146	2.08284	3.86624
26.9347	32.3351	38.5809	39.4693	31.2615	31.4724
0	0	0	0	0	0
12.3217	10.7366	12.884	9.9701	15.3854	14.8615
28.5742	29.1729	33.8247	35.1043	30.0746	31.9244
5.45805	7.34067	3.35066	3.71468	3.72513	4.12667
83.4727	95.2016	84.0803	84.3736	75.2136	96.3167
7.36607	8.45085	7.09795	6.25355	11.1247	7.97058
0.924604	1.39229	1.79583	0.790039	1.04324	1.65182
23.9999	23.2101	27.7681	25.2251	28.7441	29.1938
0	0	0	0	0	0
0.475779	9.55217	0.867008	88.3483	0.378788	4.32024
0.0546234	0.0340358	0	0.124463	0.0591669	0
40.177	44.866	42.4673	40.9633	39.8627	43.6742
3.92926	4.11332	4.3442	4.08161	5.36273	4.51706
0	0	0	0	0	0.261235
0.249186	0.103512	0.262033	0.129595	0.427362	0.363146
22.0759	21.6373	21.1638	25.1507	26.9957	28.0086
55.6954	57.414	55.3016	42.1952	73.2282	47.2909
17.3089	18.3775	13.5734	14.2686	11.5245	12.7865
0.0325596	0	0	0.0741891	0.0352679	0
2.64391	2.13663	2.09941	1.92963	2.18895	2.10115
0.0773447	0.024096	0	0	0.0209439	0
18.3028	18.4918	18.7752	18.7609	16.8953	19.3991
4.31033	3.29616	6.51029	5.74773	9.52341	7.20631
26.9332	27.9756	28.7836	25.7719	28.7567	28.6663
14.009	13.824	10.768	11.9466	10.4156	11.8384
7.49135	7.29434	7.95489	7.03298	7.76544	6.247
2.39222	5.96236	0	0	0	0
27.6318	28.4424	25.0259	25.2065	29.84	30.0609

0	0	0	0	0	0
0	0	0	0	0	0
14.1568	15.0453	17.2087	17.5681	19.163	20.1843
0.223226	0.389457	0.0562464	0	0.0967174	0.0375337
5.51181	4.23079	4.07587	3.23076	4.36955	4.80174
21.6782	22.7281	21.6713	20.5018	17.199	17.3908
0	0	0	0	0	0
7.21731	6.60213	7.93199	5.97011	8.77406	7.16503
24.1077	24.7413	21.7813	21.9311	19.6746	18.8471
2.34776	2.06755	2.20852	1.53353	2.67868	1.94748
6.81267	6.21598	7.86539	6.00982	7.60264	6.47701
59.9077	61.1571	53.7173	63.665	59.2481	65.3834
1.86579	1.31795	1.92044	1.52914	3.11609	1.14927
0.0873216	0.0466372	0.0157161	0.042636	0.0270243	0.0314624
17.0758	15.3563	19.0438	15.2194	18.7401	16.8558
0.0188743	0	0	0.0645094	0.0613327	0.0793392
3.24199	4.42698	3.25885	4.00788	3.58637	3.30549
17.1567	17.1444	21.4673	22.8486	19.6803	18.0432
16.2461	16.5521	17.9603	30.2035	12.675	20.3196
2.23287	2.6423	2.19847	2.50112	1.72757	1.57748
0	0	0	0	0	0
0	0	0	0	0	0
1.27608	35.8224	1.38204	109.036	9.99082	22.642
0.628467	0.987506	0.481951	1.24522	0.82873	0.804025
17.944	16.4438	16.1111	14.6852	16.6809	18.2797
0.0276924	0	0.0348884	0	0	0
17.0649	20.1385	18.8917	18.7559	18.495	19.9403
41.8524	39.0618	42.3069	35.2822	39.182	37.9474
30.7877	34.8508	27.5101	32.2694	27.6987	29.8255
0	0	0	0	0	0
0	0	0	0	0	0
36.9438	35.5448	47.2655	41.0959	49.6486	49.8904
3.38827	2.89739	4.1854	2.8111	4.71713	3.52862
78.4025	79.41	83.8329	93.575	83.2057	97.7736
23.859	23.4308	21.9254	22.7158	24.5488	25.8819
0.0366387	0.0913181	0	0.333934	0.0396863	0.154013
0	0	0	0	0	0
1.92901	2.02929	2.09887	1.59832	2.08946	1.68493
7.53423	8.06628	8.82335	6.74006	11.5263	8.72846
23.8297	24.2306	33.396	32.3015	36.7494	29.0285
19.9216	18.8571	19.3381	19.4097	18.2181	17.6636
0.52459	0.472518	0.62368	0.200715	0.851641	0.342742
3.84225	9.66653	3.51626	14.7424	5.69296	11.6103

6.26133	6.36052	9.37042	6.85241	16.1538	10.9746
65.6243	59.2594	71.3519	61.2271	76.3034	73.1959
50.3634	50.5931	52.26	41.1794	57.9107	42.2859
0.363828	0.906805	0.392889	0.414503	0.619286	0.393268
0.0721546	0	0	0	0	0
3.42E-11	0.0161725	0	0.0443551	3.53E-11	0.0109103
10.6387	6.72232	12.1656	9.0287	14.95	9.54593
0	0	0	0	0	0
1.71367	1.23253	1.76419	1.48379	1.8403	1.45305
9.70048	8.08062	13.0175	9.15852	12.6352	10.5371
0	0	0	0	0	0
0.0223249	0.0278212	0.112509	0.114461	0.221106	0.084464
0.234805	0.168176	0.478193	0.229513	0.0483101	0.037496
0.137866	0.137446	0.0694762	0.0314136	0.328533	0.162267
4.36239	3.89691	4.68103	4.28065	5.66606	3.98483
1.12726	1.25527	0.141263	0.0612012	3.44832	1.97503
14.4109	10.8041	18.0833	9.87714	12.3758	10.233
59.3459	49.2303	40.6781	46.8641	33.6649	40.0292
2.17552	1.83354	3.5013	2.13469	4.75382	2.07215
0	0	0	0	0	0
0	0	0	0	0	0
18.7747	22.7882	20.312	21.2307	18.2952	21.9452
5.88816	5.97961	6.71182	7.02727	10.663	9.93159
7.95703	7.3634	7.50364	5.6905	8.73836	7.3784
0.190933	0.158627	0.400914	0.0362545	0.310223	0.133767
0	0	0	0	0.0262487	0.020373
21.4321	22.764	22.7494	22.0784	19.8677	19.2517
0	0	0	0	0	0
0	0	0	0	0	0
0.0383448	0.191143	0.301936	0.571896	0.339203	0.263273
9.70249	10.4664	11.1106	9.87713	10.1977	9.09012
2.78302	2.38219	2.30205	1.98565	3.1972	2.33971
0.105428	0.131384	0	0.360338	0.228395	0.0886348
109.969	110.384	106.975	96.4502	97.3249	107.035
0.72642	1.38897	1.25079	0.827799	1.04525	1.29041
48.3216	44.4171	42.2272	36.7078	42.6466	44.4936
0	0	0	0	0	0
1.02497	0.873463	1.17738	0.729835	1.73882	1.07714
0	0.0641201	0.0648227	0.0879285	0	0.0432568
19.6947	18.3195	22.1304	22.2605	21.2133	18.2791
0	0	0	0	0	0
69.826	72.0943	49.961	71.7559	40.2596	56.7424
7.78713	8.32641	7.74771	5.59657	7.5794	7.13102

1.26814	1.79107	1.59767	1.34845	1.8315	1.84798
27.7888	26.264	26.7982	33.043	32.136	34.8497
333.356	358.019	649.937	457.651	1223.34	692.096
43.6338	43.3174	38.4151	43.525	47.0604	55.5621
0	0	0	0	0	0
135.876	149.916	129.357	133.549	117.921	136.634
14.9431	16.226	19.1905	17.6617	15.5412	15.8927
6.81157	5.74575	8.15131	7.26313	10.3993	8.29475
7.77583	8.53106	9.0709	5.89241	10.5794	7.72625
9.79724	7.99834	10.2019	8.54222	9.55095	8.38794
1.12518	1.03867	1.62758	0.680516	1.15859	0.397068
13.5404	10.9106	15.4833	18.2143	15.4325	14.7667
31.3944	32.5749	32.4264	27.5881	33.414	28.4095
0.217002	0.15453	0.234335	0.176591	0.436526	0.286686
0	0	0	0	0	0
25.2721	25.5577	28.0534	20.9196	29.7292	23.2025
20.6473	20.8183	22.4525	23.4961	19.3682	18.9256
0	0	0	0.0415831	0.0395354	0
11.5125	12.1293	10.0068	12.5815	11.6641	11.9544
53.1534	57.7895	51.7813	55.968	51.8286	58.7901
0.0442758	0.0275882	0	0.0252213	0.0239793	0
9.68711	9.84439	11.1859	9.20945	10.2437	9.3375
4.15199	3.59589	2.21262	2.06005	3.35137	3.27323
8.91943	8.98375	9.08222	8.25905	11.984	9.44059
16.9737	25.2249	53.7199	45.7019	72.2478	88.7623
98.4766	74.5131	101.095	99.0303	105.007	71.9036
2.32553	1.56971	1.98939	0.568765	2.14462	1.24582
0	0	0	0	0	0
2.49629	2.22446	3.4545	1.82411	3.5915	2.5617
2.29337	2.17475	2.9835	3.43622	2.01517	2.55664
7.16076	6.63128	8.24899	7.29377	7.91399	6.47449
17.4601	18.4727	23.0464	33.4693	17.3581	18.0723
0	0	0.0814209	0	0	0.0543329
7.5693	9.30874	6.90121	9.19092	7.44375	10.0478
0.410695	1.59384	0.916804	0.460906	0.349289	0.454962
20.4534	19.3433	17.763	16.8194	16.402	16.2387
2.44352	2.01739	2.57823	1.9835	3.60623	2.86318
32.2286	34.1904	38.4551	33.4973	30.683	30.879
1.06072	1.20169	1.45784	1.31832	2.82014	2.18886
7.70503	7.38344	9.3512	6.64267	9.54986	6.80239
0	0	0	0	0	0
6.57419	9.23001	4.72682	4.25592	4.62562	3.24287
10.9099	13.1282	12.6746	11.7384	10.8309	11.7596

1.27107	1.4316	0.439863	0.932605	1.05632	0.67357
0.170207	0.0707038	0.50035	0.129276	0.737457	0.28619
1.69992	2.03965	2.18653	1.7721	2.50651	2.11101
0.251247	0.313104	0.158267	0.322022	0.612328	0.31684
9.12475	9.31507	10.2955	11.2374	10.9319	11.5779
2.74864	2.03562	2.88229	1.62951	2.84472	1.25371
45.6198	39.2556	48.3355	40.3716	51.4441	48.6369
0	0	0	0	0	0
0.242676	0	0.036411	0.0329264	0.213047	0.236984
0	0	0	0	0	0.140043
8.20073	9.89912	8.3059	10.7353	9.19638	11.5448
0.419024	0.41775	1.37256	0.483354	0.363103	0.0704557
1.32E-151	0.151997	0.151865	0	0	0.101265
5.46901	6.26947	6.79375	6.14285	8.75187	6.54729
11.3037	10.8212	11.5488	11.8977	12.3184	13.5615
1.45381	1.08386	1.76617	0.902151	2.03872	1.10222
2.25389	2.87901	3.83342	3.78752	3.90618	3.26865
31.7679	35.8112	26.3252	33.0723	24.9462	27.2932
0.578565	0.481433	0.491426	0.222198	0.293846	0.518756
37.57	37.3417	37.3407	34.6163	48.0611	43.2029
17.3023	16.4829	12.8588	14.8716	12.859	15.2673
1.55908	1.23459	0.486424	0.857187	0.457841	0.386127
12.0731	9.7179	10.5226	10.6881	11.2765	10.4162
6.92819	9.95812	8.46076	7.21523	8.01091	8.89772
5.27217	3.99308	2.2392	1.67485	1.61011	2.76529
0.661644	0.2395	0.47433	0.416283	0.763379	0.333182
1.75359	1.85753	1.62618	1.26356	1.05021	1.05798
0	0	0	0	0	0
0.386932	0.217308	0.420073	0.426501	0.578284	0.521725
11.6975	11.292	12.3752	9.67801	13.4425	11.123
3.70475	3.10273	4.14522	2.28189	5.63299	2.53702
428.21	538.499	145.08	219.176	119.393	131.117
4.23375	3.98641	3.88193	3.43003	3.88102	3.55937
0.16015	0.199579	0.201766	0.304094	0.144559	0.49368
11.8881	15.3167	13.8656	14.9139	12.91	12.4261
365.414	340.41	390.106	394.131	225.053	360.249
26.1434	27.2634	27.5622	27.9901	27.8677	27.6807
5.34866	4.84927	5.09462	4.33424	4.42669	4.72748
3.34083	2.40491	4.54882	2.50591	4.06825	1.65729
1.95746	2.22255	1.53447	1.68496	2.82704	2.77934
0	0.0765865	0	0	0	0
277.211	268.105	249.984	257.403	320.745	390.672
12.9694	12.4645	12.6361	8.70961	12.0155	9.31034

0	0	0	0	0	0
3.53354	4.21801	3.2333	4.57625	1.81654	1.95014
8.26989	8.20909	9.18301	7.57465	10.6549	7.38785
7.52867	7.40604	5.67608	7.54734	4.99247	5.04611
2.97122	3.0677	3.07575	3.15267	2.12391	2.52041
8.93227	8.55338	8.00755	7.92072	8.91935	8.88938
15.4202	17.806	16.9268	16.0148	14.0336	14.8655
50.8935	50.1658	41.7226	38.2376	42.3725	42.5199
9.91583	9.49622	10.9846	9.64625	13.0309	10.6525
2.80E-63	6.26E-107	0	0	9.81E-178	0
13.2122	14.461	8.53986	7.19901	8.2134	8.98273
0.409207	0.659939	0.0303259	0.246813	0.365025	0.121421
38.2905	30.745	52.0967	37.4967	84.1417	72.416
5.32093	5.62185	5.43035	5.61812	6.92411	6.6179
1893.35	2132.55	2139.17	2081.59	2064.57	2195.71
4.72785	4.46413	5.16357	5.12899	3.47816	3.67632
9.07026	9.24758	7.48387	8.22122	7.19637	7.73359
0	0.0953189	0.0481817	0	0.041425	0
0.0128415	0	0.0161785	0.0438904	0.0417291	0.010796
5.03431	4.07419	3.99249	2.92488	3.58468	2.95088
21.2062	22.6518	25.5671	25.7815	26.291	25.3769
12.0686	11.6623	12.9498	14.3904	12.0339	14.6497
0.60688	1.03493	0.804821	1.67393	0.691958	0.805596
14.3317	17.2037	16.9823	15.9396	16.9504	15.149
0.0467785	0.0582952	0.0147335	0.0133235	0	0
1.11262	1.07776	1.01516	0.365933	1.17554	1.01221
0.0584627	0.145712	0.220963	0	0.0633256	0.147451
278.063	307.133	311.224	351.999	254.62	278.847
5.28277	5.58054	6.02336	5.52241	8.57303	8.81094
5.46477	5.21108	5.41515	4.68222	5.18063	4.54149
158.103	161.098	137.104	160.909	105.222	131.81
869.364	705.187	602.371	643.586	824.306	1047.34
89.5992	87.0067	88.957	105.482	96.7251	123.576
0	0	0	0	0	0
0	0	0	0	0	0
0.668652	0.277758	0.374402	0.423213	0.643796	0.377886
2.08004	2.47779	2.54348	1.35913	2.41873	1.67157
1557.43	1639.95	1135.16	1729.07	548.541	1102.24
0	0	0	0	0	0
0.375205	0.196876	0.522462	0.24748	0.363634	0.265633
0.237284	0.538602	0.192178	0.0868929	0.247842	0.142491
6.80923	6.35049	5.58559	5.07115	5.23278	4.81877
52.0406	57.6943	53.4423	52.2886	49.4698	52.9541



31.0065	29.1106	20.2267	17.0242	12.1063	13.2523
10.3395	11.101	12.1938	9.59096	11.6369	9.52577
0	0	0	0	0	0
12.9599	13.6761	13.4863	12.7763	14.8702	13.2898
8.62277	8.70432	9.08349	8.35604	11.9438	11.6986
4.47123	3.12481	5.20069	3.50913	5.98163	4.93
0.0924773	0.0256096	0	0.0936511	0	0
0	0	0	0	0	0
6.26161	7.89122	7.32524	4.80053	7.52189	3.72057
0	0	0	0	0	0
17.0804	20.7592	30.7029	33.4885	19.2691	20.9969
0.0179734	0.0223984	0.0679316	0.122861	0.0973421	0.0906627
0	0	0	0	0	0
4.64786	4.69902	4.40393	3.83894	3.88568	3.71933
0.137421	0.119877	0.069252	0.109593	0.0148851	0.0346593
0.217764	0.477364	0.701983	0.604562	0.590481	0.292333
15.829	16.2817	16.1486	15.4265	15.0376	15.061
0.0856964	0.0213589	0.172744	0.0585795	0.0185649	0
3.44786	3.57846	4.73566	3.75051	5.92462	5.4473
18.8557	21.6698	19.1684	18.5652	25.4483	27.4816
9.2045	9.68406	10.0775	7.96234	7.30554	7.90269
11.6626	11.6091	11.8387	9.5436	12.6718	10.0705
5.66252	6.00479	5.68024	5.17314	6.53857	5.46116
1.96668	2.16949	2.11484	2.87708	4.10326	2.78587
0	0	0	0	0	0
20.1095	21.4751	18.2411	18.067	19.6943	17.5504
30.3443	22.3723	19.9922	13.7607	24.2915	18.5804
6.08805	6.07976	6.42869	7.31356	4.43344	6.33764
922.717	964.204	594.52	647.297	463.555	502.585
17.7502	15.2809	22.5184	16.9272	20.3781	20.3058
13.8999	13.0903	13.4619	15.5265	14.5167	16.8626
8.3869	10.4517	7.09242	6.54455	7.46672	7.24414
0	0	0	0	0	0
13.6551	12.0005	15.1318	11.9739	19.0908	12.2037
0	0	0	0	0	0
35.61	38.5625	43.3586	42.2709	37.7634	45.9422
69.3493	68.2914	91.5881	81.4406	87.7005	82.8026
0.22873	0.180528	0.403434	0.243216	0.495512	0.288445
0	0	0	0	0	0
8.70797	9.34759	7.71218	7.95635	8.1248	10.6914
19.7937	18.7723	14.3789	20.5446	14.8617	20.2466
459.792	422.737	450.893	598.301	428.167	453.437
1.15885	1.06627	1.37676	1.16578	0.872933	0.75112

19.9148	20.4922	17.2617	19.0033	18.1381	16.498
6.81585	7.71745	6.56511	7.24893	6.11483	5.42858
14.374	14.7653	8.66547	6.24634	7.61568	8.55339
8.83522	9.54091	8.73635	8.30128	7.53028	6.24415
163.577	155.693	128.921	176.408	148.922	184.387
16.4225	15.256	17.5978	13.106	15.3137	12.3806
13.0809	11.7658	15.9162	15.0589	18.1136	13.7177
78.0434	73.606	81.9303	72.1695	102.16	101.867
0.91161	1.04538	0.911067	0.972762	1.06529	0.87611
0.861544	0.484198	0.6172	0.654362	1.15279	0.866333
197.461	0	186.579	56.2409	160.414	124.506
94.7846	83.2916	87.4583	82.4472	89.6042	95.8492
18.0641	17.1632	19.2288	19.5516	16.3892	16.5962
0.0618012	0.192541	0	0.140818	0.100413	0.129892
2.39888	2.77594	3.34605	3.41625	3.43362	3.24123
1.6258	1.06369	0.256035	0.555675	1.3648	0.922612
4.12097	3.27839	3.64076	3.57399	1.64333	2.27034
0	0.0417071	0	0	0	0
1.29698	0.76061	1.63401	0.84022	1.51505	0.833826
17.7618	15.9976	17.1549	16.1051	15.683	14.7042
0	0	0	0	0	0
0	0	0	0	0	0
1.26994	1.95498	1.3176	3.27663	1.61833	1.63289
4.16113	4.8831	4.76186	5.09625	4.88285	5.07255
18.3508	18.244	15.9197	16.4712	19.2854	15.4086
4.94268	4.7108	6.28375	4.73389	5.84939	5.10751
0	0	0	0	0	0
55.7329	56.6142	62.9351	49.9766	51.6491	51.2858
2.08971	3.19105	2.81813	3.52085	2.51857	1.33619
0	0	0	0	0	0
0.162756	0.202826	0	0	0	0
2.33722	1.51617	2.37985	2.22504	1.90739	1.10359
6.2926	6.09662	7.08088	5.33956	8.31271	6.84438
0	0	0	0	0	0
22.5904	22.4773	25.0991	22.9402	26.3576	23.5979
123.09	38.3485	77.5375	210.351	133.328	103.483
9.12634	9.73165	9.83999	9.5354	9.93955	9.48765
0	0	0	0	0	0
15.6055	15.3295	14.9277	14.1121	16.7042	16.7654
0.30547	0.407868	0.412337	0.422592	0.685392	0.587
16.7243	21.5942	15.0831	16.2419	13.4798	15.8922
8.82153	8.02953	7.57626	7.13615	7.02791	6.73815
0.166792	0.670238	1.73125	0.84063	5.2044	4.22876

7.46287	6.79575	8.2077	7.41163	10.38	10.2199
17.2904	18.3043	17.2124	16.8194	14.7715	13.4003
35.7121	34.0279	36.8882	36.5232	40.6467	35.3755
0	0	0	0	0	0
13.7376	13.2	17.1203	13.9819	20.8469	18.075
2.25367	2.32533	3.20565	1.32519	2.70361	1.40573
0.0248711	0	0.031334	0	0.10776	0.104547
10.2315	10.6496	10.6371	10.1556	10.6947	10.2283
0	0	0	0	0.0322764	0
3.92654	4.46935	3.85626	2.67698	3.85129	3.79489
3.16909	2.96199	2.79969	2.24555	4.43739	2.0632
14.435	16.1002	12.5169	17.5496	12.194	21.8933
12.2672	13.1774	10.1422	12.0104	8.0971	8.62115
1.87767	1.89711	1.55037	2.29672	1.91769	2.35549
1.24234	0.914689	1.55679	1.51935	2.14886	1.82406
21.5533	20.401	29.7718	17.3705	25.3147	20.8622
0.245134	0.229113	0.308833	0.227808	0.0497848	0
2.10551	2.89268	1.26477	2.38802	2.64246	3.05836
0.151092	4.69E-05	0.00639588	8.33E-13	4.54E-05	0.0871216
20.0881	23.4067	22.8109	20.3591	23.0881	22.7999
0	0	0	0	0	0
0.0281938	0	0	0.0642414	0.030539	0.0474057
17.27	16.8979	16.3985	17.8998	18.585	20.1767
65.7728	66.4531	43.9514	50.6331	42.5137	55.1213
16.8835	16.3506	18.9003	13.4318	20.9319	14.8213
0	0	0	0	0	0
0.350204	0.245488	0.124089	0	0	0.372626
3.56837	4.95699	8.33014	6.40896	5.61589	5.54995
49.4983	51.5851	52.7344	47.1618	43.0817	48.4156
0.407032	0.250015	0.58685	0.34859	0.479798	0.336411
6.23347	5.93438	7.20115	5.31573	6.77599	5.3338
37.2041	88.8637	19.7903	214.761	71.738	27.2813
0.479842	55.8114	0.60813	741.397	1.33651	26.1064
0	0	0	0	0	0
18.7742	26.6353	18.0304	19.9087	12.0941	16.3012
7.32498	7.48433	6.61659	7.40048	6.46445	6.53846
18.8863	15.4598	21.7472	18.426	22.7818	21.0801
0	0	0	0	0	0
4.73797	4.57222	7.14012	5.45032	7.14399	7.3221
13.4648	12.6158	11.3019	9.50559	12.309	11.4732
23.2764	22.6608	22.0641	21.4242	24.4457	25.5209
1.05448	0.821305	0.830304	0.57064	1.31352	0.421093
0	0	0	0	0	0

4.38376	4.20204	4.60805	4.7448	4.52731	4.27378
0.0574319	0.0715715	0.0241186	0	0.0207363	0.0482837
5.45738	5.16895	4.94025	5.55111	5.12904	4.98614
6.67626	8.7247	7.86552	10.6897	9.8115	11.1953
15.2097	14.2306	15.3697	14.4431	15.1292	12.9923
0	0.133336	0	5.44504	0	0
0.44992	0.747586	0.692796	0.740402	0.649792	0.840562
23.0492	23.1705	21.8043	25.5473	21.5614	24.8209
54.3875	45.8564	38.469	20.7861	36.6964	28.3899
10.8034	10.8597	12.5701	11.5533	13.3397	12.7107
0.242461	0.102792	0.068445	0.276232	0.264812	0
0	0	0.759289	1.13557	0.376621	0.50668
1.27389	0.769704	1.75081	1.14346	1.37985	1.03852
0	0	0	0	0	0
1.25664	1.25282	1.26655	0.715837	0.95282	0.845181
4.32163	4.69047	5.69043	5.13223	6.86869	6.047
4.66473	3.52943	7.41606	3.16336	12.0303	8.17019
5.22291	4.87118	5.61203	4.19952	7.26167	4.39096
0	0	0	0	0	0
0	0.427766	0.608137	0.496592	0.32275	0.213763
3.45713	3.4967	3.4967	2.6616	2.27849	2.48826
65.6037	72.9606	67.9987	76.7994	64.5171	74.8041
5.23886	5.3311	15.3884	5.23567	6.34029	0.858569
77.5395	74.0254	74.1177	71.6774	71.0428	73.621
0.036662	0	0	0.0835367	0	0
0	0	0	0.457033	0.108632	0
56.5704	67.4913	54.5728	58.4931	50.8326	45.9322
0.397045	0.388769	0.428759	0.323105	0.522229	0.381486
0.958202	1.66234	0.890077	1.29248	0.710758	0.847905
8.93732	7.79638	13.2436	10.4973	17.5636	12.6421
77.1426	76.9856	83.9475	117.945	70.7514	84.0338
62.4933	77.2717	79.3636	68.1967	59.8886	63.0283
55.2654	67.5442	50.3647	63.4627	50.4962	68.4819
31.1524	30.1639	30.6787	32.1521	59.6728	36.6917
10.2337	6.4755	7.09616	6.77856	5.88621	8.63698
5.52686	5.33124	5.65747	5.53985	5.91463	6.58999
1274.06	342.269	344.431	1209.48	423.205	1399.93
33.4314	32.5879	30.3857	30.2643	29.1391	31.7543
7.20743	7.35344	6.48226	7.64139	6.32517	5.72464
3.45268	3.44971	4.41328	3.54366	4.20872	3.09735
7.11403	5.36234	40.5119	22.2554	51.3295	28.5292
20.1121	22.506	20.6667	21.475	20.2403	21.6885
32.7949	34.1473	29.6596	34.6428	27.6207	36.8394

0	0	0	0	0	0
19.2185	20.9088	19.645	21.228	23.0121	29.0458
12.3459	13.3262	12.3347	12.0419	11.0308	10.8505
0.0188863	0	0	0	0	0
4.12582	4.17848	3.70324	2.80283	3.46597	3.03896
0	0	0	0	0	0
0.232734	0.236953	0.114364	0.249489	0.0839034	0.147753
2.55E-18	7.42E-16	4.72E-48	5.76E-53	0.110585	1.66E-26
0	0	0	0	0	0
0.0368025	0	0.0463658	0.0419285	0.0398637	0
0	0	0	0	0.117864	0
0	0	0	0	0	0
1.14267	0.981967	1.19512	1.39325	1.26895	1.21238
0	0	0	0	0	0
0.714261	1.25241	1.09359	0.988929	1.10776	0.990231
18.9643	18.0547	22.2375	18.3668	28.5766	25.9845
0	0	0	0	0	0
0.0991802	0.123602	0.143946	0.112997	0.19099	0.135081
0.391488	0.292723	0.55898	0.208141	0.310971	0.0877676
4.03359	3.72166	4.00675	5.16982	5.46138	3.88019
1.48361	1.25126	1.66145	1.34879	2.01283	1.29769
0.0327446	0.0816126	0.0412535	0.111916	0.0354683	0.0825864
36.1597	37.9402	25.9197	37.8815	30.0509	36.2236
0.365056	0	2.32833	0.831805	1.18626	2.45526
0.0887082	0.110548	0.558797	0.101064	0	0
13.3491	14.7634	10.3022	13.2373	10.4106	13.2725
0.713087	0.731085	0.712665	0.775269	0.949599	0.775657
34.8551	37.3915	33.5186	33.2659	38.1545	38.4141
1.4946	1.21535	1.43527	1.16956	1.32092	0.847097
28.0756	29.6768	37.6849	43.2318	36.3677	34.7466
12.8872	13.3684	14.5126	14.9692	13.3742	12.8621
39.0188	38.3422	34.6202	36.7336	33.8947	37.4069
18.9641	19.2239	20.54	19.4449	20.0816	20.179
0	0	0	0	0	0
0.120153	0.199647	0.252293	0.197728	0.477208	0.404058
33.4838	30.8158	34.6313	33.6012	43.3403	39.4405
30.7444	29.4055	26.3469	25.644	26.3607	29.5618
508.642	604.465	584.531	970.993	769.466	810.681
0.097572	0	0.491706	0	0.105688	0
0.0773861	0	0	0.117553	0.0838231	0.043373
0	0	0	0	0	0
0.912602	0.785394	1.17859	1.28551	1.64834	1.71495
3.08275	2.59722	3.63766	2.31668	3.43323	2.48828

6.72867	10.23	4.4505	14.1818	5.90357	8.3156
6.04993	6.95786	6.8975	7.42096	10.1693	22.2983
1.27614	1.52796	1.76537	1.59642	1.95147	0.904573
0.106995	0	0	0	0	0
32.9689	34.7392	37.5298	37.2683	27.9517	33.5499
2.16076	2.11968	2.23652	1.8405	3.05743	2.35497
9.92869	10.9373	11.865	9.90763	11.091	7.88391
19.293	17.6729	18.6126	16.4763	19.4799	18.4996
9.97599	10.6981	12.224	9.9501	10.4155	9.3165
2.88383	0.34954	1.71571	1.0051	1.43351	3.47603
30.4236	30.9758	24.9891	28.3755	24.9772	31.9003
0	0	0.0595326	0	0.0767761	0.0397266
0.25923	0.290747	0.42457	0.443005	0.280793	0.305113
18.3014	20.6426	16.763	19.8642	22.97	23.459
3.37796	3.29832	3.6152	3.06292	3.38616	3.09762
11.2974	14.6716	7.64094	9.75533	16.1015	16.8963
6.25592	5.17357	7.80924	4.70791	7.56374	4.61607
0	0	0	0	0.258442	0
0	0	0	0	0	0
2.77E-08	2.60E-08	3.15E-08	2.74E-08	2.05E-08	0.0683358
69.0811	70.4226	69.0522	68.9108	69.7372	71.4148
0.0138114	0.0172118	0.0522012	0.0157351	0.150849	0.0232229
26.6333	22.4345	36.006	33.5483	30.7505	32.8128
0.185589	0.27591	0.35623	0.621472	0.36949	0.401319
105.234	115.648	109.435	113.769	106.474	123.179
17.5263	15.3855	13.8742	10.6821	16.9994	12.7986
0	0	0	0	0	0
0.192735	0.514685	0.138753	0.376422	0.38771	0.0694434
0	0	0	0	0	0
4.80521	4.87415	5.19154	5.1562	3.51028	4.34513
7.786	6.76885	7.22605	6.01254	6.78836	6.1794
6.46729	6.00615	6.69472	5.44393	5.83398	5.72284
16.1787	16.7891	17.5885	15.9504	15.8383	14.5705
0.529939	0.49482	0.801287	0.924182	1.18372	0.638608
26.025	23.1003	25.4844	23.4917	24.2484	22.2132
0	0	0	0	0	0
0	0	0	0	0	0
8.50003	8.77471	10.6525	9.25995	9.48923	7.15233
8.68298	9.3884	9.60511	8.94158	8.41	9.52038
0	0	0	0	0	0
5.3623	5.55135	5.48902	5.02735	6.17136	4.98949
6.6918	6.51177	6.58312	6.40728	7.03252	6.43187
0	0	0	0	0	0

77.9411	72.6578	78.375	72.0786	69.519	65.0741
4.23267	4.81539	8.75237	10.136	6.26372	5.84053
0	0	0	0	0	0
11.0572	7.87145	15.8613	11.4387	17.7638	14.4376
5.47658	5.81659	3.58368	4.37763	3.77934	4.86415
0.482497	0.4373	0.165784	0.149918	0.712679	0.663776
3.11305	3.05277	2.80482	3.0757	2.37087	2.22498
7.05734	6.84812	7.42407	6.21216	8.30339	5.44194
26.2224	47.592	12.4164	28.5214	11.0564	10.7268
281.382	396.749	133.299	189.798	5.49271	5.0891
0	0	0	0	0	0
5.5876	5.18691	5.17192	5.26157	5.5583	5.32071
0	0	0	0	0	0
9.80806	10.2869	10.1694	11.0247	11.45	11.3955
0	0	0	0.613476	0	0.1006
25.1336	25.0394	29.9832	26.1497	25.3654	25.5786
11.0322	11.7656	13.8162	10.142	13.1748	11.309
0	0	0	0	0	0
49.7955	63.2315	48.7258	55.9587	35.2123	45.9979
1.80255	1.76498	1.78432	1.02681	1.39463	1.62367
2.0772	1.94575	0.218386	4.29204	0.894622	0.194307
103.203	0	97.516	29.3945	195.629	108.455
0	0	0	0	0	0
2.45456	2.37357	3.08084	2.50676	6.54896	4.63491
293.885	332.569	233.945	315.623	156.61	256.24
5.95655	4.94223	4.13427	4.16385	5.27279	3.32106
5.96588	5.39198	6.34407	4.89574	6.33416	5.67358
0	0	0	0	0	0
13.0032	10.9633	8.79216	7.128	10.0311	6.02119
13.5238	17.1597	12.7513	16.3318	8.1355	11.5246
0	0	0	0	0	0
0.178227	0.312895	0.466851	0.388752	0.575929	0.256113
2.10485	2.95791	2.25685	2.04086	2.32844	2.63553
0	0	0	0	0	0
1.17351	1.34993	0.796086	1.23411	1.27112	0.910689
26.8072	43.5336	18.4697	52.365	9.66387	24.1922
0.153843	0.191719	0.387639	0.315487	0.399934	0.362145
0	0.148198	0.299645	0	0	0
0.032413	0.121179	0	0.221566	0.245764	0.19075
0.490644	0.580868	0.339977	0.503084	0.372019	0.288743
25.5802	24.7513	24.7212	21.8373	26.6132	24.4353
15.7047	14.286	14.4749	14.3781	14.561	15.7962
166.282	174.395	150.894	152.093	118.397	123.615

3.48481	2.32113	2.05892	2.43687	2.21274	1.6164
0.306742	0.127421	1.28817	2.0968	2.5473	2.23584
0	0.0608211	0	0	0	0
0.879219	0.97046	2.40526	2.11783	1.79586	3.27347
1.12518	0.667673	0.71027	0.993914	1.9797	2.38722
2.16063	2.00802	1.61479	1.37681	2.49902	1.84725
0	0.0491942	0	0.0449737	0	0.199125
0	0	0	0	0.149644	0.464511
1.01814	0.666122	0.994098	0.724968	0.551414	0.44938
9.86184	9.37416	8.77426	8.41495	8.98774	9.3545
22.3221	26.5784	22.9431	27.1471	26.1314	29.7522
0	0	0.0838669	0	0	0
38.4911	41.7263	41.0849	41.9907	43.0149	42.3363
172.867	195.609	231.562	248.892	416.306	373.956
0	0	0	0	0	0
48.2187	45.0701	40.2704	41.269	38.9869	49.338
0	0	0	0	0	0
4.18947	3.10142	3.67108	3.84779	3.06756	3.54843
25.7252	27.8803	21.8122	21.0938	18.8498	23.0493
24.9495	28.082	23.9863	24.6691	19.9146	20.7365
0	0	0	0	0	0
1.17636	1.1328	0.269462	1.09653	0.579185	0.62935
0	0.1263	0.399012	0.0577321	0.0548891	0
2.15617	2.11618	2.79583	1.61534	3.76643	2.93731
13.9157	13.9077	12.92	11.4381	14.1301	11.6648
24.1042	25.0865	22.1121	20.5337	20.3246	19.9572
65.4851	81.7508	59.1576	76.5072	59.6502	73.5345
12.2291	14.1005	12.8727	13.3334	11.6617	11.415
2.29326	3.27804	3.60285	2.77295	2.40824	2.3108
2.40955	2.52844	2.83571	2.58239	3.47678	2.57464
0.224242	0.319371	0.201794	0.182482	0.242894	0.377046
49.1307	48.3154	50.2971	46.1779	47.304	45.9495
2.61032	1.96981	3.66481	3.83384	2.24162	2.37592
0.220601	0.14662	0.240868	0.134041	0.19116	0.148369
1.46217	2.24773	1.84212	0.70277	0.939604	0.729276
9.61496	9.1924	11.9723	8.32921	9.05822	8.82778
28.4765	38.9151	34.7385	53.424	29.3561	51.4682
26.8849	33.6205	27.6036	25.4748	24.1231	23.8589
9.39735	9.68218	9.1942	8.30149	10.2277	7.88159
25.708	27.1042	28.6069	24.1842	28.9771	29.6219
0.790745	1.80661	1.16226	1.75171	1.80821	1.66197
17.356	17.631	14.3916	13.4758	17.0638	13.1269
132.761	101.456	124.455	70.9996	132.082	92.4176



0	0	0	0.0815914	0	0
8.17548	6.03139	7.27299	7.14012	10.998	8.86613
0.229616	0.0476911	0	0.087199	0.0414525	0
19.182	19.0561	19.8376	17.5919	20.6207	17.4357
0.683349	0.414286	0.418826	0.462909	0.480123	0.621081
1.79425	1.61123	1.7951	0.811652	2.42937	1.33099
3.808	3.42225	3.82879	2.92007	5.55255	5.20233
0.0727331	0.1133	0.0916331	0.0207159	0.078783	0.0611476
5.87915	5.36151	7.57856	6.56495	9.61553	9.59075
1.20672	0.835449	3.91896	3.54391	3.07892	2.45735
190.925	200.217	140.197	162.835	125.444	157.597
0.64598	0.818436	0.888442	0.962872	1.90671	2.25379
23.073	21.7281	20.7509	18.0076	20.1648	16.9886
0.296617	0.554466	0.373694	0.168965	0.160645	0.748109
0.0264652	0.0329809	0	0	0	0
1.51479	1.86941	2.11223	1.72578	2.02311	1.43424
26.6492	29.0296	27.6856	30.7475	27.0694	23.8937
1.37145	0.920282	2.12655	1.11175	2.08545	1.77383
6.03462	3.93922	8.20613	7.52991	6.0178	6.28132
1.46537	1.3889	1.50824	1.15217	1.4085	1.45752
0	0	0	0.0611454	0	0.0451211
0	0	0	0	0	0
0	0.053017	0	0	0.0921633	0.0536496
1.26771	0.947888	2.71511	3.03298	3.70751	1.9184
3.97262	4.81466	3.49244	2.43704	3.02632	2.93611
8.97539	6.44383	3.59493	2.62041	7.41791	2.60247
0.204234	0.101807	0.308766	0.186144	0.132733	0.137362
0.115963	0	0	0	0	0.0324972
7.7571	7.99451	7.78189	7.22291	12.0907	12.2732
0.0203187	0.0759636	0.102395	0.138893	0.132053	0.136658
206.138	180.673	129.829	123.751	117.583	160.504
14.0423	11.3511	12.1375	12.073	12.3639	11.8546
68.7721	64.5665	54.8349	62.0443	70.7528	90.9602
0	0	0	0	0	0.0586771
1.56675	1.7947	1.95394	1.67679	2.2799	2.40819
20.7565	22.0525	17.3143	18.8825	14.4904	14.0556
25.9422	25.0256	28.883	27.2971	24.7393	20.5782
0	0	0.149514	0	0	0.199544
8.81677	8.47821	13.0681	12.6863	19.8934	18.0308
9.28343	8.74117	10.1601	8.60499	10.3385	8.44517
2.38112	2.61705	2.78262	2.38797	2.70734	1.89026
0.408096	0.508569	3.08485	0	0	1.37237
45.0493	35.2934	62.2301	44.3137	74.0688	54.1253

0.0390474	0	0.098388	0	0	0
0.153305	0.023881	0.072428	0.0218321	0.186813	0.144996
12.871	9.02669	13.4842	8.01448	18.7029	10.7932
5.52124	5.55737	6.87828	7.41407	5.0901	5.47683
0	0	0	0	0	0
6.79993	6.44246	8.78386	7.66084	9.09917	7.59694
23.8576	25.0171	25.7678	22.2961	25.6782	25.6336
12.4985	14.3697	13.7145	15.1886	11.1799	11.3663
3.8441	3.96666	3.52747	3.63195	6.056	5.54246
0	0	0	0	0	0
0.790044	1.4065	1.99068	1.543	0.97801	1.61306
75.9141	78.2534	71.861	72.4839	58.8416	58.5582
9.2543	9.64981	11.0774	9.92167	11.8652	9.59735
0	0	0	0	0	0
0	0	0	0	0	0
0.221952	0.148937	0.150569	0.077805	0.314388	0.344488
15.4283	15.4194	14.7612	12.8575	15.0005	13.5071
0.971966	1.33486	1.37448	0.881355	1.74037	0.983907
0	0	0	0	0	0
0.668707	0	0.280825	0	1.6901	0.374794
0.843787	0.394322	0.930167	0.120164	0.971096	0.177345
2.42738	3.32157	2.57844	2.71125	2.06219	2.16077
0	0	0	0.0603582	0	0
1.03056	0.297188	1.1298	1.76273	0.971366	0.978958
5.50363	4.25707	4.70221	2.41438	12.6766	8.42959
1.21127	3.80166	0.452155	0.459993	0.0485935	0.018858
6.46662	5.57413	7.14517	5.68191	7.14688	6.69932
14.3636	12.7556	13.0017	12.1049	16.3106	13.2925
32.1185	31.3444	34.7521	32.1105	36.4062	34.758
0	0	0	0	0	0
22.2493	22.9267	21.6264	16.0918	18.4888	20.492
0.286927	0.243796	0.345054	0.282315	0.367301	0.296046
2.60876	2.72509	3.85756	2.47241	6.12359	2.92633
178.793	174.124	179.976	171.303	155.909	150.262
0.311478	0.241534	0.0488156	0.176656	0.335719	0.130294
7.60977	7.40556	8.91787	7.32126	10.6036	9.66276
0.0931809	0.0928975	0.164352	0.148623	0.0807453	0.125341
22.6399	21.7421	24.9005	20.5166	22.7825	20.1197
7.32103	7.72551	8.40522	5.4708	8.23393	6.0278
0	0	0	0	0	0
0.810358	1.20475	1.30751	0.680272	1.01636	0.554406
21.6348	22.3535	21.7146	19.5068	21.6475	20.3088
13.1253	15.0425	13.9489	15.2996	15.3721	18.7783

0	0	0	0	0	0
42.3589	41.6695	53.8382	47.6608	69.3512	64.2269
0.0411973	0.05134	0	0	0	0
391.127	384.736	222.867	264.479	198.477	236.127
3.44599	3.73917	4.41017	2.44466	4.15611	3.02703
0	0	0	0.0277014	0	0
23.4943	25.2037	22.1233	24.6971	17.9604	15.5044
7.66384	9.35634	11.0095	9.95586	9.94553	13.4104
12.7073	11.4894	13.0628	12.7313	13.9453	12.5893
9.03672	9.60847	12.0116	11.051	13.5729	10.6043
2.09912	1.82342	0.58896	0.412228	0.689756	0.375241
0	0	0	0	0	0
5.97381	6.81435	11.5249	7.85157	11.8747	9.30183
0	0	0	0	0	0.043228
0	0	0	0	0	0
2.01664	2.41971	3.03084	2.60619	3.5027	1.89264
17.3418	16.5893	14.0973	13.7542	14.5381	17.8378
0.32787	0.572964	0.290602	6.15E-08	0.40629	0.297424
0	0	0	0	0	0
2.37454	1.21848	0.703901	1.75047	2.42076	2.46603
162.044	159.82	156.939	177.26	132.217	158.808
0	0	0	0	0	0
0	0	0	0	0.0868589	0
0.905549	1.12849	1.23593	0.601811	1.63479	0.697864
1.65839	1.5131	1.49237	0.742252	1.63594	0.896287
6.7883	6.33279	6.27167	5.83907	6.76826	5.47781
37.7355	40.5134	40.2494	35.7775	37.2109	34.6932
0	0	0	0	0	0
18.438	19.4323	18.1409	18.7254	19.7434	17.8926
3.3007	3.93099	2.19273	2.77671	2.0123	2.20567
8.21373	7.90224	7.73255	7.53033	7.5641	7.34299
0	0	0	0	0	0
5.0882	5.71925	4.90206	7.16087	8.32118	6.62625
0.764318	0.855004	0.706623	0.368236	0.525153	0.26374
96.0743	90.9161	100.818	97.8532	89.3833	91.9323
7.03E-10	3.39E-09	0.127584	7.28E-10	7.36E-10	0.0430487
0.0908054	6.56337	0.114402	63.7271	0.491793	2.67194
69.7383	55.2959	54.3257	55.04	61.2963	69.9157
331.862	329.51	322.71	335.899	255.196	299.822
5.50355	7.00261	4.98176	5.47975	4.03267	4.82131
0	0	0	0	0	0
14.8797	15.9125	12.2861	12.201	13.4486	16.0196
0	0	0	0	0	0

15.0503	14.4812	13.6522	12.4013	13.9139	11.7269
2.47189	3.81046	3.74439	2.92597	4.62678	4.88547
7.15541	6.28248	7.10255	5.1259	3.75786	3.91928
23.1426	27.2503	20.8972	25.3635	20.1589	21.8606
7.33658	6.00946	7.7738	6.46125	6.62749	3.52166
12.9725	14.3335	15.1031	14.8662	12.3581	13.7662
6.03644	4.90849	7.31082	5.5365	5.20412	3.78654
0	0	0	0	0	0
0.139301	0.173596	0.239316	0.129848	0.576117	0.415215
25.7132	25.3405	26.7818	23.5688	25.7774	24.9862
1.38778	1.29709	1.52985	1.77871	2.20785	1.20318
1922.49	1728.01	1598.27	2161.14	831.032	1929.86
0	0.27671	0.559485	0.50594	0.240513	0
0.649201	0.674195	0.817899	1.10944	0.351601	0.545791
0.48263	0.451089	0.699249	0.219941	0.470497	0.263739
25.1206	24.321	17.9774	22.6873	18.4702	22.7566
0.0457957	0.0342423	0.0807743	0.073044	0.20338	0.130903
0.0259682	0.199111	0.0978279	2.22E-49	0.0885152	0.124354
12.1143	12.6115	11.9178	10.8693	14.0415	11.7253
0.10821	0.558395	0.388453	0.789793	1.21782	3.54E-07
0.145719	0.0302657	0.152987	0.0553383	0.0263066	0.0204179
4.91965	3.6221	3.92795	4.55701	4.30775	4.68343
0.295879	0.692084	1.62018	1.69359	1.78737	1.7875
83.8582	87.5797	63.1087	90.6473	68.276	80.5821
12.5281	11.1747	12.3242	11.3728	9.88332	10.5806
7.32905	7.1337	6.45951	7.319	8.67937	7.08789
0.452359	1.97614	0	0	0	0
37.501	39.6138	40.4274	36.9327	43.2845	37.9573
0	0	0	0	0	0
41.1917	47.3576	38.109	41.3708	42.7282	50.5665
0.636779	0.504989	0.182329	0.32976	0.627042	0.097336
17.7616	18.842	14.929	16.3016	15.5555	16.4718
27.1326	30.4353	29.1661	29.8113	29.924	26.7437
2.12708	2.24913	2.43619	1.54213	3.21165	1.7702
0.0112925	0.0140727	0.102441	0.0128653	0.0999002	0.0379765
0	0.0581245	0.0587615	0	0.227345	0.0588181
55.5316	61.7297	61.3102	60.6062	56.3324	56.8854
21.7176	23.5278	21.5169	24.9891	22.1234	20.7386
0	0	0	0	0	0
1.69395	1.85969	2.13413	2.98673	1.17955	1.11895
8.96931	8.26532	11.6186	9.29021	10.9617	9.65195
0.60693	0.667372	0.832112	0.854162	0.928114	0.660328
7.05943	7.58798	8.28249	6.14719	7.77178	6.01266

33.4854	30.6422	32.4167	28.4663	39.7077	34.2195
26.0262	25.6736	20.426	28.8526	24.5929	29.5156
9.17772	9.33387	9.15589	9.48911	8.76863	9.40396
0	0.0392235	0	0.0358584	0.0340926	0
0	0	0	0	0	0
0	0	0	0	0	0
713.566	754.61	662.542	672.144	530.553	690.895
0	0	0	0	0	0
0.0133255	0.0664254	0.0755476	0.0683175	0.103925	0.0504136
13.0334	13.6966	11.6958	11.028	13.3579	9.68858
0	0	0	0	0	0.0330968
0	0	0	0	0	0
158.421	129.36	31.3712	22.1814	30.1723	37.0011
2.78117	2.28854	3.49049	2.60014	3.80587	2.945
0.477808	80.5834	0.702297	857.138	2.93345	32.3145
0.65424	1.01914	0.789903	1.02488	1.09252	1.48966
0	0	0	0	0	0
0	0	0	0	0	0
0.0504058	0.270998	0.189695	0.172841	0.365146	0.169505
3.37867	3.79407	3.18078	3.53201	2.65429	2.71563
0	0.0460692	0	0.0421168	0.0800855	0
0	0	0	0	0	0
0.612451	0.564188	0.729576	0.68259	0.898399	0.678565
25.8689	29.3099	30.549	27.7669	26.5688	28.5762
0	0.0277374	0	0	0	0.0187122
0	0	0	0	0	0
18.5446	17.499	18.095	16.2753	18.7695	15.0811
0	0	0	0	0	0
1.43567	1.12997	1.71353	0.688686	1.14585	1.07993
21.9098	20.9643	22.9913	22.9989	24.1695	23.1718
5.52006	4.72818	3.88275	3.46456	5.4744	3.08727
0.935431	1.66029	1.60705	0.936542	1.28958	0.714935
6.71916	5.82483	5.98046	5.56525	5.72227	4.82307
15.4192	15.6699	16.2536	17.3806	20.74	22.847
14.4246	13.8116	14.7348	14.9109	12.6081	12.1269
5.40391	6.60138	3.4839	3.36015	2.07057	1.69654
148.833	150.536	141.833	151.525	126.933	157.46
0	0.192761	0.194874	0	0	0.130041
0	0.212271	0	0	0	0.143203
1.13165	6.10023	0	0	1.69637	1.42E-06
0	0	0	0.0853027	0	0.0629475
0	0	0	0	119.424	0
32.1512	22.7816	32.4153	25.8757	43.1547	30.3415

0.893164	0	0	0	0	0.250298
91.9845	88.4203	92.634	98.2831	84.4546	99.1249
56.882	60.0587	46.9827	44.7479	38.291	53.3841
0.0301882	0.0376204	0.190163	0.0343929	0.130797	0
3.72259	3.67927	3.34246	4.48495	4.00157	4.37671
37.0478	34.177	42.3775	34.0686	34.7636	34.0413
6.96358	4.81408	8.70906	12.3346	4.07422	6.45263
47.947	56.1572	47.2973	50.015	48.303	50.5654
0.0646983	0.349383	0.108681	0.147419	0.303679	0.543926
56.9934	58.0302	52.007	58.7257	52.134	63.054
1.67892	1.40908	1.25185	0.741683	1.74434	1.44029
9.4365	9.32244	8.03349	5.06101	10.734	9.67973
0.875482	1.00481	1.48819	0.600725	0.973715	1.61623
169.365	168.981	135.27	163.013	127.736	153.844
18.2645	19.4554	13.8294	16.4661	16.4149	17.5854
27.5113	28.8641	22.9242	25.025	23.9104	33.9775
13.6452	17.3093	10.8543	16.8058	11.7782	15.152
3.71128	0	0	0	4.01998	0
0	0.128792	0.130203	0.235485	0.111944	0.434429
0.118331	0.0987151	0.181113	0.0713055	0.141238	0.0989338
3.72923	3.87747	3.61387	3.94796	3.67415	2.96059
0.0343044	0	0	0	0	0.0288401
1.57118	0.813323	1.91855	0.881239	1.44004	0.406433
12.9068	10.3013	13.3159	13.0572	13.3428	17.8972
3.0203	3.08486	2.58424	2.85195	3.02294	2.99827
1.72146	1.56299	2.30821	1.66704	1.49172	1.01308
7.44783	7.76613	9.0176	8.26479	10.1328	8.05047
20.7382	19.3184	15.0949	25.4803	22.0319	28.6385
3.02491	3.92042	2.59144	3.63003	2.57753	2.78043
4.671	4.34685	4.66197	4.66503	3.74537	3.64647
24.9483	23.9995	25.3518	25.0018	26.1369	25.0945
2.43732	2.56819	2.69619	3.25088	4.14252	3.84827
0.885856	0.827964	0.837037	0.958778	1.70319	1.89911
15.9129	15.1909	18.4888	16.6573	17.7513	16.4729
1.84155	1.58947	1.78337	1.47285	2.71588	2.75549
89.1442	92.0375	81.951	84.2372	72.8845	75.8931
0.842495	1.04995	0.846225	1.24128	0.901918	1.00523
0	0	0	0	0	0
29.709	32.1983	26.7637	30.4406	26.7349	31.7123
7.35343	5.10259	3.05299	1.80881	3.34896	4.00433
0	0	0	0	0	0
0	0	0	0	0	0
5.71698	4.8151	5.74402	4.09625	5.56886	5.49311

1.0224	0.802223	1.33579	0.905961	2.83014	2.19662
15.8453	16.543	15.2011	15.79	14.7089	13.2563
30.7213	28.6605	30.7103	31.753	43.1347	34.1504
14.2496	13.7974	17.337	14.6751	13.7393	14.5501
22.452	24.06	23.6393	21.4871	22.8127	19.8908
76.0122	83.0786	70.0607	78.2343	61.3278	75.1412
0.287381	0.399938	0.467776	0.365625	0.674714	0.552487
0	0.0892743	3.33934	2.36684	0.077596	0
5.96812	8.68128	5.95358	17.2189	6.1336	12.4837
0	0	0.0439779	0.119307	0	0
13.3816	16.1174	13.5708	19.6331	11.6521	11.2486
0.583859	0.454751	0.388947	0.369542	0.395264	0.259526
0.0377428	0	0.0475504	0	0.0408822	0
0	0	0	0	0	0
7.90405	7.43453	10.7601	7.82829	13.2305	9.24595
43.4727	47.1093	44.3783	48.7447	42.808	38.5993
0	0	0	0	0	0
17.6719	10.1062	17.0554	9.83125	12.474	6.58239
106.871	127.533	107.648	124.631	116.134	128.098
0.0533712	0	0	0	0	0.0448698
17.8435	18.1578	20.6616	19.0329	17.6614	15.6224
24.5051	25.9428	26.8114	25.3987	29.1574	25.448
0	0.147393	0.0488956	0	0.0320279	0.0326285
3.81473	3.67138	3.66269	3.75108	3.96096	3.35202
0.0597574	0.130322	0.0564642	0.187222	0.097092	0.163276
7.97108	4.62832	5.81144	3.63536	8.97985	5.99494
74.3833	66.1787	44.5832	38.0503	33.1201	52.7347
8.56965	12.3469	2.84964	3.44799	3.3127	3.82996
0.374256	0.534355	0.500951	0.417509	0.472894	0.236067
1.58161	0	1.46E-05	3.13E-08	0.28639	0.273436
48.4288	45.4279	51.7453	42.0225	39.476	38.2146
6.50817	6.89884	6.40176	7.29833	3.46898	2.71562
0.122355	0.155656	0.0867094	0.104548	0.0993997	0.120724
0	0.040461	0.218158	0.176939	0.14194	0.0272959
12.2848	11.323	9.9185	11.6817	12.6452	11.3171
7.83497	8.40489	8.55035	8.03362	6.91549	6.70267
0.254512	0.317173	0.320648	0.507432	0.206762	0.320957
0.235366	0.293313	0.0847219	0.383069	0.619149	0.169607
0.0193043	0	0	0	0.02091	0.0162294
0	0	0	0	0	0
0.072221	0.405008	0.181976	0.0822801	0.195571	0.121434
0.174111	0.216976	0.219354	0.278946	0.342897	0.127063
0.329795	0.164396	0.66479	1.05204	0.571564	0.887241

0.0835617	0	0	0	0	0
1.87192	1.56561	4.12947	2.74407	0.672759	0.633841
64.883	67.199	83.5691	91.2587	70.3722	83.3629
23.7383	24.6482	28.0273	23.8812	33.2615	30.5983
0	0	0	0	0.169364	0
3.22564	3.33556	4.15029	3.51853	6.09581	5.53906
0.505562	0.664086	0.585291	0.498143	0.740019	0.436519
68.9876	63.9848	77.5839	76.7883	66.9736	58.8795
1.43766	1.27678	1.64469	1.50611	1.68254	1.63933
28.3312	25.8443	35.9307	33.195	37.0184	33.7463
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.140712	0	0
8.02591	10.5514	6.88914	8.08873	7.4038	7.15529
39.8334	43.4828	37.9648	41.5592	30.13	31.061
0.648308	0	0.816773	1.10791	0.526675	0.81756
0	0	0	0	0	0
21.7256	21.2929	18.1524	14.4814	17.5678	17.2503
0.230767	0.122916	0.247224	0.223151	0.514533	0.249682
16.554	9.03992	16.0388	20.0958	15.2782	10.0686
30.7956	32.9171	32.9	32.581	26.4656	32.1249
0	0	0	0	59.1881	0
0.0249789	0.0311287	0	0.0853742	0.0541134	0
2.62936	2.23036	3.22909	2.84454	3.8054	3.88236
3.65371	2.65389	3.23535	2.75922	4.29688	2.45738
24.0829	22.2348	25.5025	23.8518	25.4505	22.5338
35.4504	39.224	38.6862	38.4742	34.853	40.7983
4.28725	4.20113	3.83009	4.48454	4.39058	4.11221
0	0	0	0	0	0
5.75511	5.22569	5.80495	5.47632	6.21788	4.95167
1.57559	1.61761	1.74813	1.00886	3.32694	1.67801
36.0592	29.7645	33.269	32.1767	56.6961	63.5271
0.510782	0.607602	1.08227	0.132256	0.729309	0.44894
0.0653778	0.0407369	0.0411832	0	0	0.0824459
4.05129	7.21895	7.65957	5.60729	4.70184	6.8031
0.0105606	0	0.0266097	0.0721892	0.0571952	0.11542
64.5628	64.7824	45.8342	65.812	34.492	43.0989
13.5351	12.6574	15.0998	18.4559	12.975	13.4721
3.51274	2.38328	8.52226	4.59715	7.56198	4.3469
21.4689	18.952	23.8031	18.8957	33.3109	45.8144
50.2258	45.7407	73.0928	57.4665	65.1624	65.8995
1.27078	1.08771	0.696144	0.956622	1.54011	1.02164
0.238827	0	0.150443	0.136046	0.388038	0.200785



54.141	69.7151	51.8056	63.0108	61.5803	70.0205
64.0819	65.9253	45.3943	44.3308	35.2131	45.1654
7.73278	8.19398	7.64207	6.48868	7.64874	8.68104
22.9389	25.0666	17.2148	18.872	16.5784	17.5843
0.417873	0.347169	0.394844	0.634767	0.150877	0.117104
0.156711	0.223193	0.535891	0.22955	0.412242	0.28232
0.66839	0.990782	0.561727	1.03958	0.322462	0.0988748
2.20869	2.8661	2.38694	2.25084	2.06318	1.40543
0	0	0	0	0	0
1.11181	0.494835	0.70036	0.904763	0.774188	0.534122
5.02393	5.22508	5.34458	4.86124	6.50756	5.46431
0	0	0	0	0.0367422	0.0285175
73.283	88.5274	66.0996	87.1432	63.3887	86.2057
0.0517876	0.0430251	0.0217483	0.0590007	0.0747937	0.0290256
1.55823	1.84477	4.31892	2.04156	1.77224	1.24452
0.0928013	0.192748	0.077944	0.0704846	0.0335068	0
0.161129	0.0752996	0.0761248	0.0229465	0.545412	0.135463
1.37167	1.25844	1.06005	0.939506	2.03237	1.30887
14.9258	15.2631	17.2298	19.4049	12.8411	14.0493
0	0	0	0	0	0
3.73476	3.59275	4.07788	3.55325	4.30091	2.86443
1.5536	3.7154	1.13433	1.35427	4.91647	3.32386
0	0	0	0.0882437	0	0
0.0882974	0.110036	0.222484	0.0335319	0.159403	0.17321
15.9594	15.4517	18.2967	16.3475	19.1065	16.9627
14.3631	13.031	19.6497	19.0073	19.4075	20.2489
10.719	12.1401	11.723	11.5842	10.0678	10.2003
0.221654	0.236764	0.241353	0.218255	0.275614	0.133105
12.8466	11.7533	14.9111	13.6183	16.796	14.5627
0.646611	0.379119	0.309122	0.380349	0.390243	0.294572
1.25322	0.880264	1.11956	1.0903	1.20937	1.07275
4.23939	4.43963	3.50091	3.55142	1.48588	2.32122
0.202422	0.0630641	0	0	0	0.0425444
12.1702	11.9302	14.6591	11.5158	15.0763	11.73
0.941062	0.903216	1.0287	1.07543	1.1343	0.761013
0	0	0	0	0	0
0.864899	0.848666	0.577288	0.462492	0.468758	0.451871
0	0	0	0	0	0
4.45518	4.79443	4.66407	3.32868	5.04199	4.43208
0	0	0	0	0	0
0	0	0	0	0	0
62.3036	57.4434	57.1463	53.0894	53.5148	55.2819
33.9195	32.5723	31.1036	53.6857	56.6229	57.4392

0	0	0	0	0	0
2.4225	2.25188	2.7518	2.37533	2.3659	1.95316
0.938549	1.42953	0.794859	0.371275	0.225915	0.273976
15.9117	15.4576	11.2737	11.5689	12.3053	13.6758
9.19538	10.1948	7.51017	6.1171	9.04436	8.40599
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
139.262	151.194	130.222	131.186	91.2705	122.886
0.126951	0.369147	0	0.241055	0.0458368	0.106729
0	0	0	0	0	0
0	0	0	0	0	0
1117.7	1280.1	1144.38	1269.95	1195.02	1422.99
12.5284	12.3878	13.8648	11.71	15.2142	10.2746
1.08189	1.10644	1.56303	0.676575	1.9043	0.687109
19.6267	22.6293	19.7106	18.9734	19.2354	16.764
2.9207	2.22088	2.95204	2.36873	3.89646	2.5387
64.6088	64.5025	69.2738	64.3391	67.1543	68.0358
3.44191	2.91673	4.3363	2.98019	4.32472	3.58813
0	0.13848	0	0	0	0
13.6096	14.5495	13.8551	13.4261	12.8508	12.8955
25.0874	25.4619	26.4113	26.7492	27.0413	28.7262
0.468907	0.438263	0.590754	0.133554	0.634888	0.295662
17.2235	17.5328	20.6564	19.2535	20.8777	19.1083
0	0	0	0	0	0
0	0.115287	0	0	0.100206	0
20.0634	18.1335	20.5468	22.2215	31.236	28.4117
0	0.494426	0.444375	0.42053	0.0436258	0.0338603
14.5437	16.5064	12.0126	14.9829	10.4839	14.9107
0.0499579	0.0622575	0.0629397	0.0569162	0.08117	0.0210001
1.47955	1.10629	2.70904	1.14623	2.17956	0.912177
0.562124	0.403328	0.697464	0.349319	0.904096	0.143207
1.29275	1.54659	1.28123	0.765862	1.19491	0.681082
0.0277725	0.13844	0.0699786	0.0632814	0.0601652	0.070046
12.6374	16.157	14.3181	13.4104	13.6587	19.0633
0.140472	0.0964599	0.0975166	0.100614	0.238974	0.174977
0.151587	0.0269868	0.0272825	0.0493429	0.0469131	0.0364117
4.97551	5.30897	7.1759	5.50715	8.6135	5.66783
3.19807	3.25341	3.12461	3.08583	3.14595	3.3471
0.061335	0.0764356	0.0343436	0.124227	0.0664368	0.0229178
1.97288	1.77875	1.99558	1.7164	1.00193	0.84205
0.225168	0.350756	1.0638	0.705459	0.914616	0.662556
42.468	43.6795	51.7536	54.3426	37.9976	47.0579

3.0006	2.74785	3.03571	4.16958	2.9301	2.80931
11.348	11.1064	12.8888	11.59	12.2919	12.6242
10.2309	11.1394	14.0695	13.583	12.2369	11.1536
0.111194	0.390514	0.140088	0.16123	0.394176	0.221042
0	0	0	0	0	0
0	0	0	0	0	0
31.879	34.5668	35.6078	34.8947	30.0192	33.7976
17.6447	17.8743	16.1821	16.3971	11.9397	17.2799
25.974	28.6598	28.2239	25.0543	18.5336	20.9904
16.2383	12.5598	17.5578	15.8061	22.2884	18.832
0.35736	0.226577	0.513411	0.171425	0.251266	0.089604
6.22488	12.3112	11.3468	14.475	11.2606	20.0907
15.2557	15.4983	12.7965	14.4876	15.3768	14.8092
37.9648	37.1111	36.1826	34.2211	35.4807	37.364
22.9196	22.1608	28.6938	24.0218	30.8019	24.0098
0.144129	0	0.0907906	0	0.0780586	0
0.126579	0.0525808	0.053157	0.0480697	0.0457026	0
0	0	0	0	0	0
1.97401	1.74226	1.85478	1.62442	2.29654	1.72254
0	0	0	0	0	0
0.450236	0.641239	0.364649	0.146556	0.8012	0.324445
95.3187	95.7719	102.08	80.8881	104.181	94.3869
63.4478	59.766	62.9936	61.4249	72.5251	75.8661
5.17152	4.56763	4.55443	5.3198	4.0789	5.06535
0	0	0	0	0	0
0.0266917	0.0665263	0.0672552	0	0.0867356	0
5.87151	5.97002	7.71315	5.32964	8.19563	7.04462
9.28471	10.7576	9.42223	7.96036	8.31598	8.21116
3.84628	4.48489	5.27598	3.73697	3.77841	3.6985
19.4774	20.7345	15.7976	17.4983	14.149	13.4339
0	0	0.0841587	0.152209	0	0
1098.99	1005.02	615.25	562.882	410.859	588.192
49.9251	43.6327	46.3153	41.1772	39.552	36.4266
0.0131857	0	0	0.0150222	0	0.044352
12.9483	14.0372	14.5105	11.1824	13.1033	11.0228
1.67417	0.882493	1.98453	0.795564	1.27162	1.66158
1.81633	1.761	3.68591	2.95016	4.91704	2.79881
0.460106	0.49015	0.373978	0.456553	0.200958	0.193408
4.00976	3.64778	3.56988	3.28914	3.86553	3.21374
51.151	54.7361	44.9685	49.6214	26.785	32.6172
16.871	17.743	17.2282	16.4484	16.2482	15.6646
5.96121	6.0176	5.63294	3.19237	3.42255	3.50834
492.661	549.064	656.004	830.512	624.749	727.351

1.07636	1.63943	1.35605	0.749391	1.87838	0.904907
11.6385	9.38872	25.0861	16.1288	22.6158	19.5983
4.51141	5.25728	5.52297	4.67046	7.98941	6.71137
25.7865	21.4019	25.3742	20.1467	23.9395	20.2313
50.3817	62.3326	55.5967	60.2704	53.9425	48.8353
2.795	2.18283	2.87385	2.13134	3.05417	2.12902
0.151099	0.11298	0.15229	0.137716	0.163668	0.228656
0	0	0	0	0	0
9.99015	10.7329	10.7822	10.9513	10.2663	8.86688
6.17675	6.05738	5.75557	5.64982	5.10464	5.06829
3.42996	2.23348	2.41367	3.20361	4.15039	4.07862
0.424553	0.449984	0.349238	0.19983	0	0.589842
0	0	0	0	0	0
0.319104	0.397666	0.241214	0.181775	0.864116	0.482894
3.65409	3.86251	5.19545	5.88914	4.06429	4.16908
0	0	0	0.258958	0	0
77.1344	69.2767	83.339	88.3419	91.4803	105.688
0	0	0	0	0	0.0580953
0.851886	0.915158	0.923012	1.15896	0.892981	1.02898
3.24155	0.367237	0.371261	1.34292	2.87278	0.743238
0.113143	0.125412	0.172225	0.0458609	0.166988	0.0703376
5.14052	5.86584	7.72481	6.98552	6.47381	5.38914
0.0330905	0.0366545	0	0	0.00796433	0
19.4683	24.5423	17.8035	21.3235	16.6097	19.7797
30.5964	30.5508	29.471	28.6184	28.8424	30.4657
16.0195	15.206	16.438	14.9716	16.7013	13.8879
14.9959	14.0778	19.1901	11.7537	13.259	16.1162
3.20452	2.82871	3.64472	3.04238	3.76032	3.62952
0	0	0	0	0	0
0.356011	31.2699	0.647865	180.07	4.32755	14.1448
9.97174	9.89853	10.1821	9.45534	9.63136	10.1225
0	0	0	0	0	0
0	0	0	0	0	0
8.94341	8.59147	11.2861	8.81687	11.0698	7.62369
0.100146	0.0998411	0.252338	0	0.0650854	0.0841936
8.69764	9.16784	11.2509	11.1289	9.54428	9.32967
196.791	224.916	172.236	204.745	154.203	204.393
0.370895	0.35749	0.223091	0.263608	0.163675	0.0952769
0.660441	0.856886	0.610306	0.46554	0.741936	0.53388
7.48695	4.98098	3.68818	4.233	2.19508	2.2243
87.0782	85.2734	89.4895	90.3711	82.748	79.3921
0	0	0	0	0	0
0	0	0	0	0	0

3.62199	3.16553	3.43924	3.44769	4.97623	9.86225
4.55707	8.78099	2.89474	14.2665	1.90808	5.34434
0	0.461146	0.279719	0.337266	0	0.248879
10.2779	10.2508	12.4254	10.3328	15.3969	12.6778
0.512226	0.905546	0.330169	0.502142	0.799991	0.42062
1.44097	1.73587	2.60209	2.29834	1.66488	1.53449
0.012582	0.125439	0	0	0.0272573	0
5.10863	3.67161	4.59724	3.51058	9.07622	6.06738
0	0	0	0	0	0
0.0772845	0	0.194734	0	0	0
1.93406	1.39386	1.87885	2.20344	1.99397	2.23328
0	0	0	0	0	0
8.55E-09	9.25E-09	1.09E-08	9.07E-09	7.13E-09	1.90E-08
4.1231	5.89354	3.35658	3.98444	2.90707	3.80817
1.43296	0.446438	3.00887	1.4965	1.81085	1.80706
5.65238	3.89463	6.63509	4.2638	6.3524	5.02774
0.000316345	3.36E-05	6.84E-05	0.00176631	4.08E-06	0.000754299
7.17837	7.21629	5.82846	6.19109	5.43632	4.77237
18.5975	18.4309	14.1491	18.2768	14.7527	16.1902
16.445	18.9228	13.7882	8.16009	23.3368	8.67108
0	0	0	0	0	0
5.26181	5.05746	5.28919	5.22941	5.03252	4.04719
4.62738	5.00154	5.86963	5.08673	4.88849	4.47445
1.96797	1.2801	1.71743	1.00623	2.5892	1.91276
1186.74	1350.07	1255.1	1356.87	1108.25	1205.4
23.9302	24.1743	21.3059	23.5484	21.5507	26.4838
12.9549	17.1916	17.4241	15.8762	15.8529	13.364
0	0	0	0	0	1261.16
0	0.615052	0.932687	0	0	0
12.7763	7.00562	9.33588	5.53123	14.9462	10.0968
22.5059	20.3954	23.9199	20.361	23.7168	20.9429
1.18965	1.67231	1.03921	0.429897	1.03194	0.951081
1.46304	1.00506	1.27131	1.24284	2.02524	1.33596
208.693	212.395	194.13	192.472	169.3	193.409
0.122812	0.076524	0	0.104938	0.0997705	0.0774371
2.01297	2.58023	1.12311	1.14667	1.71318	1.1121
13.4003	12.7127	15.483	12.1297	24.6946	21.566
0	0	0	0	0	0
0	0	0	0	0	0
6.41887	5.35644	13.793	13.3702	13.857	17.1872
1.46186	2.14499	1.75262	2.92801	2.04317	1.4867
2.59986	2.46313	3.4718	2.07121	3.7166	1.97719
4.15017	3.55446	3.57322	3.06695	3.97468	2.95024

14.6541	13.1103	13.753	13.2171	14.014	13.6657
67.969	62.7252	60.4594	52.2201	51.1888	42.1852
5.27991	5.59083	6.70293	5.93228	7.05238	5.10608
0.627973	0.521719	0.527436	0.476959	0.340104	0.791916
1.07962	0.569218	1.77868	1.18269	1.48427	1.04729
0	0	0	0	0	0
10.8003	12.8185	12.9694	16.1678	14.1784	15.7508
1.09933	0.926593	1.52114	1.57827	2.03022	1.72025
11.874	10.0993	16.3202	9.74903	20.4824	12.4765
0.0412268	0	0	0	0.044656	0
273.215	204.288	481.895	280.142	414.317	229.695
0.0558014	0	0.0703016	0	0.120886	0
2.10516	1.74896	2.57852	1.59891	3.4204	0.909497
0	0	0	0	0	0
1.33558	1.92973	1.36562	1.38929	6.05925	8.54332
12.3614	12.4858	10.6807	11.4318	11.3435	11.7391
0.0662625	0	0	0	0	0
0	0	0	0	0	0
15.389	14.964	14.9763	12.8584	13.791	13.085
20.1344	20.4296	19.7848	20.0296	20.3571	20.1903
52.1005	54.1688	48.3616	50.5762	44.0255	47.3641
0	0	0	0	0	0
0.178719	0.447428	0.45032	0.358441	0.0967924	0.112688
57.226	60.1232	62.7761	62.0753	57.4533	64.5073
0.22139	0.275896	0.278919	0	0	0.186125
0	0	0	0	0	0
3.06324	2.6825	3.04566	2.60327	3.89196	3.14604
12.8947	12.4593	15.0027	9.88527	14.0558	9.33609
6.95751	6.82994	8.19831	6.88208	6.9189	6.57925
40.0474	38.1297	49.3736	43.5627	43.2022	39.4777
0	0	0	0	0	0
2.54681	2.9893	2.94744	2.46293	2.79073	2.29051
0	0	0	0	0	0
1.89635	1.5781	1.5268	1.56205	2.29995	0.966427
2.71676	2.82135	3.3382	5.04395	5.23153	4.39883
0	0.0750051	0	0.0342851	0	0.0759
17.203	16.5447	15.1458	13.566	19.508	18.7808
0	0	0	0.0261137	0.132417	0.0770815
23.6219	22.1197	19.8585	20.175	21.0207	20.97
13.2092	13.0329	16.2856	13.5248	12.9609	10.4715
20.8617	21.6311	22.6037	18.8355	20.0629	15.0488
1.70289	1.27328	2.47912	2.41431	3.23818	3.05416
7.78098	7.16955	8.89453	6.16081	9.9739	5.96066

4.13129	3.08904	5.29157	2.66713	4.51222	1.53401
0.824333	0.440264	0.445089	0.536657	0.255115	0.445517
1.4704	1.58424	1.49383	0.813444	1.33216	1.22977
4.3855	3.64433	3.83151	3.9309	1.08076	1.67265
6.9568	7.5509	5.32833	4.70039	4.78679	5.03595
0.343071	0.694744	0.702357	0.195428	0.325157	0.396583
0.407416	0.559136	0.675717	0.387781	0.497166	0.338184
7.82699	6.91596	7.75777	6.44856	11.1244	8.98742
23.7044	20.6753	23.6687	26.0542	23.5559	20.5307
0.0147974	0	0.0186425	0.0168584	0.0160282	0
69.1293	69.8627	60.93	60.4009	55.6851	63.2501
3.1315	3.27636	3.21489	3.4796	2.07241	1.65802
1.044	1.05252	1.19706	1.14932	2.08379	2.06112
11.9577	13.1924	16.2418	15.4544	16.7807	15.5429
0.34716	0.57684	0.328028	0.823986	0.125345	0.510758
0	0	0	45.3786	0	0
3.06215	3.2933	2.69522	3.44086	2.95336	2.57438
0	0	0	0	0.158999	0
26.8954	30.0047	24.6523	28.3479	30.2664	30.1258
21.8881	24.1469	26.0302	22.115	28.3397	22.5673
53.5294	52.5235	56.916	49.5762	48.659	54.0542
11.3985	13.6171	10.7512	11.0002	11.6357	11.4043
0.266148	1.49253	0.335308	0	0	0
3.97275	5.43147	5.08629	5.47642	5.15477	5.11869
13.6754	12.1785	14.0081	12.9293	11.5178	11.8588
0	0.410896	0.207699	0	0.178573	0.554398
0.820434	1.07671	1.24979	2.43363	0.278627	0.83764
63.9621	59.0332	48.3903	40.7637	44.464	52.9707
0.641424	1.12288	0.38481	1.80951	0.860201	0.770361
0	0	0	0.183542	0.0436258	0
0	0	0	0	0	0
2.85147	3.16262	3.48467	4.67804	2.93423	3.4281
3.57747	4.61543	4.69349	4.12104	3.25327	3.09808
13.0687	11.3687	10.125	16.2087	11.0971	10.0435
55.7524	49.485	61.1639	54.2398	59.1835	61.2667
20.8827	19.1169	21.3323	17.3826	24.7475	17.9569
0	11.3703	0.143687	25.0342	1.02947	6.26438
5.30073	5.18707	5.82657	3.28296	5.93431	5.5331
2.11473	1.8553	2.02483	2.29363	2.69378	1.96278
19.1795	19.3677	17.3198	19.2666	17.4548	18.9904
16.5426	13.0342	16.215	9.89516	17.9504	12.6998
21.1896	21.7979	79.1856	92.0754	14.9207	15.8528
41.6878	43.8953	33.3987	34.5713	31.9817	32.0291

0	0	0	0	0	0
4.05203	2.71418	4.33922	5.30887	5.26689	3.57692
0	0	0	0	0	0.178421
1.50025	1.23659	1.89857	1.50163	1.31152	1.0462
17.37	17.668	19.0345	14.7658	18.7751	16.6308
15.514	14.2942	19.1768	13.2064	16.2333	14.8734
7.92765	7.42684	8.10189	7.516	11.3193	9.64774
10.4626	10.3586	11.8405	10.8978	13.3135	10.0319
390.539	458.238	403.78	462.709	350.995	406.558
5.20498	5.42227	6.1989	6.28512	8.11917	6.55241
26.7563	26.5686	23.368	24.5321	23.0931	26.1687
2.92601	3.18336	1.87243	2.27529	1.05647	0.819979
34.9885	33.5812	37.0766	34.7686	34.5242	29.8729
0	0	0	0	0.0188229	0.0162327
1.84613	2.73523	1.91196	1.70102	1.68388	1.79887
0.602983	0.901725	1.44338	0.206091	1.04502	0.506935
33.5108	31.8053	30.0581	32.0935	32.2492	36.1068
9.63032	7.8706	6.88465	6.37886	7.71435	9.05657
0.0810918	0.101057	0.204328	0	0	0
0.556659	0.693707	0.742562	0.522276	0.532025	0.908451
0	0	0	0	0	0
0	0	0	0	0	0
81.5011	87.309	80.2416	88.0602	58.8961	85.31
3.29841	3.29919	3.79099	3.82374	2.67957	2.79733
5.74402	6.25121	6.04572	4.98059	5.85796	5.33822
21.0725	19.6619	16.373	14.9619	12.0026	16.9445
16.9239	11.0407	20.3915	14.8167	21.4073	15.6127
19.9628	24.0139	17.0704	17.4627	15.4325	15.5257
5.79793	6.45348	5.26315	7.70184	3.82393	3.91985
0.382501	0.476672	0.52289	0.181573	0.7945	0.455562
5.46182	6.34111	6.25376	5.65526	6.32065	6.7024
42.262	43.7119	47.7135	40.1892	54.4848	49.5121
3.03704	2.79189	2.86937	3.14014	2.49711	1.97419
1.46705	1.23107	1.35045	1.62827	1.6126	2.50324
0.0297056	0	0.0374248	0	0.128706	0.0249739
9.81318	9.78638	11.2622	10.9103	9.48563	7.30107
0	0.104742	0.21178	0.191512	0.0910405	0.0706613
0.0737242	0	0	0	0	0
0	0	0.199149	0.180089	0.171221	0
0.192648	0.330107	0.121354	0.192046	0.286925	0.141717
0	0	0	0	0	0
50.9676	48.8752	65.1576	60.3811	59.9432	62.8997
67.7676	72.9371	117.866	125.867	100.118	124.426



7.74173	7.6644	7.70308	5.16294	8.85318	6.6522
0.33687	0.337239	0.145113	0.316582	0.435797	0.246073
23.718	23.1783	30.1621	26.8458	24.294	27.8464
0.166411	0.118504	0.449258	0.189589	0.231754	0.199863
3.52148	3.47943	3.80276	4.04062	2.80631	2.49532
14.1744	12.3689	14.62	12.1247	17.7879	14.854
9.0661	8.89161	7.35001	9.47198	11.2514	8.16885
0	0	0	0	0	0
5.64254	7.54528	6.90909	6.89794	6.14622	5.85649
21.5885	19.7527	18.7953	17.6076	21.1536	20.6765
1.05036	1.07796	1.7125	1.26704	0.803099	0.727215
0	0	0	0	0	0
44.0744	19.6435	51.543	23.0144	52.4374	29.8489
1.72175	1.73	2.21858	1.41708	2.51525	1.75886
9.02541	9.09468	7.96661	9.19996	8.31653	9.49624
21.5679	25.7667	19.7431	23.9326	21.8673	24.8375
8.44	8.21654	9.53473	7.11547	7.53761	7.67393
0	0.853147	0	0	0.247181	0
0.438738	0.218702	0.460622	0.283246	0.554437	0.282787
0.25435	0.374913	0.159528	0.145361	0.412729	0.406283
0	0	0	0	0	0
0.472109	0.0420244	0.16994	0.192095	0.292217	0.311856
17.1254	18.822	18.8754	16.9768	18.8346	16.3014
248.883	316.544	200.802	232.281	174.521	312.79
0	0	0	0	0	0
2.41891	2.22021	2.49309	2.74733	3.48183	2.90096
7.5541	7.59802	8.35762	8.43151	11.2561	9.12329
5.98392	4.86053	6.37492	4.23162	9.05616	6.47325
0.561652	1.28321	1.0614	1.06647	1.21674	0.629584
4.23487	4.80657	5.42643	5.74642	4.36438	4.432
3.47625	4.51462	5.02498	3.54355	4.95448	3.84543
0	0	0	0	0	0
6.76191	7.68453	5.81424	5.69525	5.98676	5.22892
0	0	0	0	0	0
2.8299	2.13968	3.26411	2.95432	3.95732	2.04224
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
20.6122	20.0169	19.2809	20.4201	19.9746	20.8353
0	0	0	0	0	0
1.71175	1.82434	1.19297	2.40056	1.97143	1.15832
49.5779	43.8201	51.8522	44.1459	51.8852	52.5096
11.4574	11.3393	11.4711	10.7707	10.434	9.91059

2.90E-05	5.15E-06	0.438141	1.28E-05	8.11E-06	1.68744
3.19342	2.5855	3.66448	3.05888	3.61327	2.95835
174.783	175.509	174.843	159.682	162.041	144.23
0.366894	0.342917	0.288896	0.365747	0.422251	0.269896
24.4358	20.3942	31.7482	26.7479	28.5158	37.3608
17.5254	16.9951	14.1471	17.7743	13.5332	15.891
0	0	0	0	0	0
0.411983	0.318156	0.0954754	0.485503	0.113136	0.119397
0.0410585	0.0121642	0.0412357	0.0781734	0	0.00820625
0	0	0	0	0	0
25.3476	22.7165	25.6272	20.6635	26.5998	25.7198
23.44	20.1059	27.5452	31.4219	32.3535	41.0283
1.24E-06	0.797656	1.07445	1.07004	0.270665	0.370763
4.47983	6.07851	2.92653	4.33041	7.62516	8.5366
0.260835	0.347527	0.646703	0.929441	0.401476	0.172689
1.75396	1.79498	2.00218	1.05057	2.07253	1.78713
20.2574	18.3247	18.9467	19.0058	22.5376	19.5621
376.775	380.751	406.819	411.387	340.049	395.883
0.276139	0.442445	0.993985	0.404486	0.683675	1.39292
0	0.351114	0.709923	0	0	0.236869
25.611	22.8032	31.6777	29.4373	34.4151	32.3666
6.71446	6.22668	7.28566	7.43538	8.19334	7.24832
0.347842	0.340592	0.406928	0.509516	0.493396	0.30636
0.641093	0.599197	0.605763	0.730387	0.34721	0.808463
66.6401	66.96	58.0176	57.2562	55.4929	66.6331
0.644452	0.67484	0.682235	0.220944	0.659815	0.526853
16.3372	17.1319	22.5501	25.3969	21.7565	22.2965
0	0.293688	0	0.268492	0	0
1.55759	2.2445	1.60453	1.21909	2.82061	2.19609
0.243005	0.412959	0.288142	0.396296	0.216768	0.164342
184.71	193.283	184.689	210.771	134.018	126.449
17.9999	20.9099	26.5127	24.5187	25.4848	22.8639
11.7059	12.569	8.75644	10.0618	8.60398	11.0275
14.2855	14.6428	16.1667	14.2849	16.1269	11.5681
0.13689	0	0	0.155957	0	0
0.191014	0.416573	0.120325	0.0544048	0.0517257	0.040147
0	0.0963522	0	0.0293619	0	0
55.4147	54.693	57.1875	57.8287	52.1484	67.5149
28.9504	30.6048	26.4738	29.2397	25.9031	29.4597
0.11077	0.0690204	0.104665	0.0946484	0.0599917	0.069844
0	0	0	0	0	0
0	0	0	0	0	0
0.771169	0.556386	0.613617	0.46241	0.615495	0.648331

39.6414	40.8417	40.7182	39.006	33.6108	35.2029
10.4051	10.8797	12.6274	11.132	12.9036	10.4101
0.975963	0.428868	0.867135	0.392074	1.05617	1.44703
0.735598	0.835217	0.700208	0.670443	1.1332	1.08568
0.968392	0.482724	0.976027	0.661964	1.04894	0.162828
7.01039	7.06343	7.03715	7.19576	8.01135	6.90123
27.7822	28.8429	34.126	30.2622	30.3645	27.2436
0.529102	0.421995	0.426619	0.729385	0.693467	0.360306
43.7338	47.4361	52.766	44.2827	49.2044	46.3484
0	0	0	0	0	0
22.9403	22.3397	22.7409	15.7335	26.6278	17.6482
20.8294	11.8277	35.872	41.2926	20.2161	10.1749
7.55449	8.83326	7.22629	8.18168	6.92008	7.44888
37.0234	34.5044	37.5245	26.1613	36.4999	50.1535
0.0233731	0.0910234	0	0.106514	0.151903	0.0994783
1.87563	1.89914	1.3292	0.93488	2.41257	1.18265
12.4538	11.4206	12.3476	10.6654	16.1437	12.8946
22.8792	34.4069	33.4677	41.6057	35.7224	50.3181
4.70352	3.90768	1.38268	1.42897	2.20773	3.03164
25.9616	56.2654	38.1024	50.1836	24.9961	20.1826
23.11	12.868	19.8232	29.5045	16.5107	19.8423
24.17	8.74469	9.42988	4.26371	17.0595	14.1585
68.2305	71.191	54.0587	67.4799	58.6195	82.8858
0.208076	0.232293	0.169302	0.128406	0.220688	0.233243
9.25941	8.74163	11.0623	9.55468	9.01772	7.3314
8.31464	8.86362	11.6111	12.6113	8.40945	7.66397
0	0	0	0	0	0
10.2762	10.206	9.79208	9.09267	10.7355	9.25333
17.4491	15.9234	16.2567	14.1085	17.1256	12.8682
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
4.54478	4.46726	3.22968	4.58035	3.70098	4.59612
24.5377	21.8462	20.3936	14.8662	28.3337	16.0363
0	0	0	0	0	0
0.561133	1.34946	1.36704	1.03367	0.687933	1.23048
1.27293	0.982007	1.6037	0.828699	1.51012	1.12112
6.69247	5.91183	6.73565	5.47884	6.67298	6.38393
79.9574	61.3099	83.9631	81.0705	96.7944	81.9226
0.116835	0	0.0367986	0	0	0.0982243
7.21903	6.55486	6.65351	7.01146	5.81273	5.71106
5.60582	5.36164	6.02566	5.59562	6.00265	4.57839
33.4517	33.6459	30.2012	27.211	24.8379	21.9209

2.0507	2.45211	2.69606	1.82162	3.7514	2.25146
0.861878	0.93748	1.15379	0.807563	1.23998	1.0176
0	0	0	0	0	0
0	0	0	0	0	0
0.0816666	0.101773	0.51444	0	0.0884595	0.411948
0	0	0	0	0	0
21.7492	23.7122	20.7143	18.8719	21.6878	22.1618
17.9307	21.1905	15.0601	17.6833	14.6545	16.4379
30.3584	28.0855	25.9802	27.782	27.9391	28.4944
28.8542	28.2063	30.3154	27.9097	31.9528	35.8454
11.806	13.5992	15.9894	14.341	14.1791	13.2317
0	0	0	0	0	0
8.83544	6.74106	13.544	9.67403	16.9294	11.4195
0.136287	0.0849203	38.9763	40.9911	37.5701	47.2826
0	0.0320457	0	0	0	0.0216187
0	0	0	0	0	0
1.73528	3.67949	3.00195	4.01297	1.93573	1.63307
0	0	0	0	0	0
21.3503	22.3895	24.7422	22.6785	25.3765	19.4325
12.1536	15.1281	17.2594	16.8433	18.4761	17.8381
0.0372788	0.13937	0.140897	0.169884	0	0
5.13484	1.74608	7.52759	12.3626	11.5036	13.3968
73.108	76.2889	59.5416	67.4477	53.2657	71.29
1.56343	1.52708	1.75675	1.49275	4.23372	3.3748
17.9522	19.1137	20.6978	24.3461	24.1953	25.9333
42.6657	43.1604	51.4219	44.1288	51.4967	43.5528
0.382159	0.368706	0.232967	0.323029	0.373887	0.228009
2.52685	3.54054	2.88656	8.38283	4.11264	3.24707
0.324553	0.270559	0.0683807	0.0618364	0.423299	0.364577
5.8962	6.81402	7.04741	8.75564	14.5201	13.4941
23.3455	29.0625	25.6013	26.5622	17.6687	17.3351
0	0	0	0	0	0
0	0.0273464	0.124408	0.0250003	0	0.0830184
0.295137	0.372212	0.150448	0.314239	0.142627	0.174945
34.6759	33.4547	37.5303	32.8321	32.3495	28.438
0	0	0	0	0	0
226.702	172.549	159.086	122.932	252.759	192.137
0.676033	0.84411	0.655004	0.97588	1.002	1.1026
0.0594113	0.111057	0.187124	0.0338431	0.0965296	0.224765
20.1838	20.9555	15.6585	18.0272	12.3031	12.9296
5.66145	5.91735	6.90252	4.78548	9.89092	9.36577
25.8061	25.4971	22.7309	26.6774	22.9225	22.606
0	0	0.036836	0.0333107	0	0.024581

0.352467	0	0.394693	0.0892128	0	0.0658572
11.3195	8.97087	0.657187	0.297146	3.61617	1.66648
3.20828	2.76101	3.03691	3.04204	2.29605	2.42216
2.03215	2.13772	2.72672	1.96848	2.79816	2.06669
42.1136	39.5942	42.0182	42.9674	39.7307	40.9995
0	0	0	0	0	0
0.552794	0.32185	0.137829	0.33133	0.281338	0.284742
0.66363	0	1.25412	1.13409	0.718831	0.836883
0	0.545018	0	0	0.236861	0
0	0	0	0	0	0
0.751322	0.88735	0.897074	0.632508	0.810331	1.02854
0.457856	0.432257	0.402034	0.363559	0.450855	0.489905
0.852821	0.788518	1.26506	0.626842	0.938658	0.47413
20.1826	21.5071	20.6277	17.2946	22.7158	19.572
1.41448	0.881361	0.445509	0.863299	0.930225	1.23164
0	0	0	1.19065	0	0
10.4152	10.586	11.4243	9.64512	9.21156	8.29029
0.168772	0.11812	0.374664	0.300302	0.217716	0.0995717
17.901	16.0405	19.005	18.4476	25.0535	24.8891
2.86951	3.03825	3.11222	2.52009	3.1067	2.41613
8.42E-08	1.07E-06	2.44E-06	3.48E-08	2.74E-07	6.77E-07
26.2818	26.6191	27.7684	25.3271	30.3053	24.2909
26.8929	27.0586	30.6153	24.0217	35.2556	31.4361
0.260429	2.61E-07	4.35E-10	1.42E-09	7.18E-12	1.01E-09
5306.07	7241.83	5774.49	5986.66	7911.8	7450.38
0.211732	0.0613394	0.266751	0	0.322564	0.220702
44.0077	52.3565	53.5254	56.5101	52.0529	43.658
9.36582	9.685	10.356	10.1027	8.63393	8.04149
0	0	0	0	0	0
0	0.0640057	0.0647071	0	0	0
235.64	262.184	265.244	272.011	233.912	290.18
4.63207	4.48971	4.89914	3.25756	5.26514	4.75963
13.537	14.2469	14.8977	12.4345	16.0613	12.0947
1.91628	1.8791	1.61273	2.23918	2.32024	2.01872
0.612374	0.50876	0.300029	0.193797	0.58961	0.600636
16.6192	15.0505	14.7358	11.7498	17.6716	9.62383
0.0169945	0.0211542	0.0427243	3.34E-13	0.0187816	2.79E-12
3.75229	3.3827	4.30488	1.86459	4.66972	2.2619
14.9626	13.029	13.1657	12.6248	15.4429	12.806
6.43978	3.95021	4.04221	3.83154	4.29337	2.56656
0.0283046	0	0	0	0	0.023796
0	0.0700986	0.0354334	0.0320423	0.121858	0.070935
7.33706	6.85665	7.84987	6.35967	9.01403	6.86218

12.1701	13.8823	14.9514	15.3475	14.0874	12.2362
10.2435	10.6999	13.7938	14.0064	16.6679	15.6414
9.87917	8.85374	11.7578	9.19578	10.6554	8.48225
0.959985	0.672937	1.58739	0.649381	1.42977	0.857513
73.5028	65.4599	85.7706	71.0263	93.6953	71.177
13.2315	13.5405	15.4806	12.481	15.5812	12.7756
0.222159	0.351172	0.43019	0.272508	0.277545	0.301404
0.698792	1.48042	1.14449	1.35341	0.983992	0.99872
18.6079	16.8576	15.3408	17.2431	13.3984	15.752
0.759079	0.567578	1.07109	0.207553	1.05244	0.102107
18.8952	15.9063	13.9637	15.5827	11.8459	13.9524
305.116	346.566	287.774	422.263	239.237	357.575
0	0	0	0	0	0
265.765	260.216	927.461	877.346	561.581	993.936
6.03651	6.44802	6.21847	4.57624	5.88722	5.447
2.77096	2.20025	3.58369	2.79372	3.55924	2.59759
0	0	0	0	0	0
0.0775523	0.135304	0.175868	0.65382	0	0.130398
0.326667	0.358374	0.796693	1.10655	0.533021	0.633694
7.01859	5.64294	3.13763	0.773822	3.1881	2.47445
0.176739	0.799516	0.839106	0.750588	3.75073	7.45021
0	0	0	0	0	0
0.527459	0.455916	0.4355	0.393822	0.527537	0.647542
2.77784	2.86489	3.86171	3.383	3.94269	2.57695
105.642	104.259	135.038	151.076	87.9899	112.855
4.62211	4.12795	3.5745	4.19695	3.9385	3.58703
84.2058	82.0227	79.1547	83.7285	88.7977	75.6065
3.48282	2.89352	4.18184	4.32186	4.79978	3.79409
0.317225	0.279054	0.0235093	0.127556	0.202125	0.282383
5.45053	6.1095	4.28627	4.43189	3.48648	3.78136
2.2465	1.91024	2.082	2.29055	2.48103	1.95638
112.255	103.587	128.069	121.579	123.926	87.4569
1.84043	2.79525	0.905731	2.03125	1.55743	1.7165
0	0	0	0.371662	0.706719	0.274261
0.900705	0.96461	0.764252	0.588185	0.663179	0.425695
8.9407	10.2505	7.62947	9.69706	8.67721	9.28044
3.15561	2.62093	2.95389	2.46554	3.1582	2.82886
0	0	0	0	0	0
0.198656	0.372778	0.686763	0.409324	0.78726	0.851073
0	0.0322617	0	0	0.0841244	0
0	0	0	0	0	0
0.505193	0.40586	1.37946	0.87104	1.11513	0.670701
70.5419	60.6585	59.9722	58.0285	56.3738	68.5457

0	0	0	0	0	0
4.96972	3.94669	2.39396	2.83096	2.05825	2.70348
71.0136	80.3083	60.2429	69.7655	53.9815	64.2944
68.4469	70.5228	70.9201	84.3865	66.4719	71.3493
9.87822	9.09011	11.3261	7.85026	8.30918	8.01057
11.0743	8.37606	15.3149	10.4746	14.3625	9.3225
12.9862	12.1978	13.6175	11.7065	14.7988	12.2238
0	0	0	0	0	0
0.115984	0.289078	0.0730614	0.264277	0.0628157	0.0975091
0	0	0	0	0	0
0	21.258	0	0	18.4772	0
0	0	0	0	0	0
0	0	0	0	0.0872232	0.152321
0	0	0	0	0	0
2.90785	2.86656	2.46054	2.12617	2.1625	2.15277
10.3247	9.62346	9.57492	8.56769	11.4041	8.93313
33.6817	34.2313	32.289	28.314	32.9855	30.0005
0.741748	0.992454	0.398412	1.18082	2.0678	1.49496
16.8567	16.5373	19.028	20.7709	18.302	17.8737
0.539231	0.727988	0.93411	0.793519	0.912632	0.642229
59.1445	68.5274	78.51	84.2977	90.8751	97.4377
0.606668	0.567391	0.891506	0.518713	1.20406	1.21761
17.6913	17.117	15.9913	15.8062	14.6136	13.8023
8.88774	11.647	3.46634	3.65704	17.6332	17.9083
4.93909	4.43224	5.49914	5.42735	4.65009	4.98293
14.8377	15.0439	13.6638	13.1633	14.9355	14.7537
16.3943	13.5324	10.6868	9.75021	19.1438	16.9284
1.49739	1.29969	2.23065	1.36968	2.26353	1.93696
0.0231521	0	0	0	0	0
8.98947	9.41199	9.4065	7.54446	8.48536	8.31735
0	0	0	0	0	0
0.0266917	0	0.0336276	0	0	0
6.12108	5.46471	5.22118	4.4357	5.7933	4.60615
13.1604	12.4305	14.6124	12.3859	16.9855	14.3275
0.493499	0.403353	0.631888	0.983373	0.699966	0.649137
21.5627	21.309	18.7607	21.6683	16.3796	19.4116
0	0	0	0	0	0
17.1014	19.2113	19.7326	18.7965	16.6982	16.6929
12.9335	15.3314	32.4749	33.7823	19.4762	16.0637
15.0287	13.7601	14.553	17.1599	13.1868	14.0909
12.2188	12.382	13.4977	10.8396	13.1804	12.8029
10.0716	9.71959	8.74293	8.48593	6.26563	9.09431
0	0	0	0	0	0

4.59184	6.57296	5.08146	6.5746	5.30985	6.10362
0.125471	0.212205	0.191948	0.326735	0.310645	0.226039
17.0734	15.7015	15.4644	11.8982	20.7282	17.1309
2.6442	2.38041	2.86877	2.76274	2.85636	2.21917
4.21939	2.48198	3.88773	2.58858	3.82204	2.40121
22.5078	22.6467	18.7491	19.1461	22.8344	22.7878
49.4545	48.148	52.6823	45.6469	47.927	44.9396
0	0	0	0	0	0
0	0	0	0	0	0
0.963207	0.809531	0.971001	1.0364	1.48472	1.12471
0.162435	0	0.137418	0.0290732	0.277455	0.129277
59.2993	57.7599	76.6116	76.5693	74.7076	70.2349
0	0.127491	0.0429627	0.34966	0	0.0286694
2.09137	2.86054	4.04863	2.38267	2.7626	1.80113
15.1022	17.5029	14.7773	14.6821	15.7585	13.2044
13.8903	13.6065	15.2991	15.0989	10.8318	11.4126
10.0565	12.2012	6.80929	6.71282	4.22284	6.59244
6.29042	6.2273	2.97346	4.19593	3.70108	3.68762
4.84276	3.99205	4.93791	3.84277	5.04147	4.3882
37.7258	40.0948	26.4943	29.058	31.7165	38.0359
0.875474	0.924206	1.47918	0.809724	1.51714	0.684082
14.7912	14.6272	13.9716	12.3297	12.6969	11.4076
17.1506	15.0635	0	0	0	0
14.688	15.5387	18.6176	17.802	29.4001	28.6962
0.251923	0.0627892	0	0.229609	0.163727	0
77.2844	25.9717	40.6972	23.1499	51.7326	32.779
0	0	0	0	0	0
1.99425	0.776635	0.785145	0.994007	1.75511	1.46702
0.883895	0.647784	1.30819	0.805737	1.38777	0.511981
49.2847	52.5074	45.7803	48.7767	35.7905	43.6861
19.9243	23.5482	20.1027	22.7821	24.0101	28.0702
1.23675	2.35104	0.871495	1.50454	2.58843	1.6918
0.148831	0.0498266	0.29713	0.133336	0.210261	0.0676564
3.12548	4.20247	2.48694	3.09228	2.85091	3.38826
0	0	0.0455511	0	0	0
1.6474	1.98531	1.34564	1.25811	1.58834	1.81114
12.9636	9.85519	12.8935	13.1218	14.4669	11.3887
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
24.662	23.3459	27.6943	22.1438	27.6929	22.626
8.74236	8.2333	8.77608	9.07317	7.99939	6.69542



8.96087	8.81944	7.28187	7.59775	8.84176	9.4624
0	0	0	0	0	0.329148
22.694	24.33	24.6617	24.5395	22.6903	24.8014
3.09938	3.07471	7.80953	4.57645	6.93524	6.26281
0	0.228314	0	0	0	0
0	0	0	0	0	0
17.4528	21.0956	16.6686	16.7008	16.6653	12.3187
1.02384	1.43361	1.01128	0.539364	1.04335	1.88986
0	0	0.149816	0.0225797	0.0966049	0.0999734
11.3049	13.8723	11.2061	10.7561	9.85082	8.68786
0.039846	0.0496561	0.01004	0.0544751	0.0517925	0.0200994
0	0	0	0	0	0
0.71815	1.13904	1.31602	0.892556	1.62649	1.15263
16.3427	14.8636	14.9336	11.7949	12.8555	15.8333
28.9506	28.0321	24.3315	18.4001	25.9453	19.0614
65.6504	72.9641	65.2612	69.5812	53.7939	67.6121
12.034	12.7894	16.5254	17.7112	18.2204	19.7321
26.2377	25.5646	28.7917	24.7037	28.2295	26.7832
0.414977	0.27967	0.619077	0.165984	0.328966	0.122484
2.39222	5.96236	0	0	0	0
1.53636	1.91461	1.60378	2.86724	1.36302	2.26344
0.625434	0.779416	0.590967	0.53441	7.28267	4.86375
54.3156	47.9164	54.8134	49.7938	45.7526	38.7782
0	0	0	0	0	0
6.73359	3.74035	9.53554	4.10334	9.49876	3.88372
1.0508	1.25926	0.835273	0.653741	1.56154	0.825901
0.0299372	0	0	0	0.0324273	0.140003
0.0678014	0	0.0427099	0	0.0367205	0
0.0672867	0.0419263	0.169543	0.114988	0.0728835	0.169706
0	0	0	0	0.0210762	0
0	0	0	0	0	0
0.124125	0	0	0.0471376	0.179266	0.104353
2.7438	3.20251	2.57342	2.65225	1.58189	2.23469
9.64035	10.044	10.8856	7.72021	13.6369	9.1835
7.53559	4.92929	4.87418	4.11167	5.84815	3.39822
3.86365	3.2019	4.34958	3.9444	4.29382	2.97819
1.58959	0.731847	3.62536	0.622528	4.0293	0.933349
83.1281	84.2606	84.0617	85.1706	75.5396	75.2424
10.8443	9.38583	12.3667	9.08182	12.2325	9.30762
3.14708	3.30762	3.29609	2.07349	2.83387	3.31521
24.6809	25.2082	27.6325	28.5523	27.0028	29.1969
8.41086	8.30746	8.41006	7.69935	8.30485	7.80446
0.0890832	0.222031	0.112232	0.152236	0.0964931	0.149787

0.337043	1.36797	5.05138	1.94562	4.03888	4.37191
8.97836	9.51005	9.70679	8.68804	13.8314	12.6252
116.03	106.693	126.901	116.127	110.133	132.723
0	0	0	0	0	0
2.10176	2.17339	3.21129	2.35629	4.40782	2.93241
31.4684	30.795	30.2581	29.5256	28.256	32.8414
73.9313	71.4396	72.5441	73.7942	70.5062	90.3572
0	0	0	0	0	0
4.98751	4.11305	5.28076	4.23846	7.17208	4.94822
4.90112	5.13446	5.10106	5.21961	5.71273	6.67331
0	0	0	0	0	0
1.38559	1.08085	2.28747	1.12677	3.95235	1.86982
13.5004	14.2035	19.0373	18.4019	15.7925	16.0625
188.836	186.448	190.381	189.206	178.02	196.396
0.640691	0.319371	0.686101	0.401461	0.242894	0.242387
1.04009	0.951872	0.906505	0.869755	0.806288	0.873172
4.63191	4.00641	4.44116	3.72273	6.0032	2.93114
39.2015	40.1329	33.3967	35.9699	28.1311	33.0444
0.901068	0.583913	0.95358	0.698068	2.88901	2.09081
9.80979	11.3856	9.77646	11.5431	8.97637	9.15807
9.6092	8.754	6.55014	8.24673	6.41004	6.39945
15.8806	16.0054	19.5576	16.7516	15.4945	15.7705
58.3116	68.7251	65.5542	68.3104	82.4964	76.0958
1.24077	1.19792	2.11117	1.2962	1.91187	1.14575
0.057527	0.0716901	0	0.0655396	0.0973703	0.0120892
51.1947	43.6831	55.6039	43.2906	58.863	45.8627
13.2549	12.6109	14.7955	14.4749	13.4399	13.5658
3.20881	2.75328	2.81659	3.38606	3.2478	2.91885
0	0	0	0	0	0
4.56602	1.80155	3.21908	3.23807	4.29885	4.58794
0.171487	0.244237	0.416665	0.279103	0.570522	0.381024
12.2213	7.86552	8.24403	7.24879	8.39316	8.88378
0	0	0	0	0	0
121.708	98.5458	80.4357	89.9867	40.5911	57.1778
0.220385	0.0633792	0.277653	0.309022	0.183628	0.242289
9.09636	8.48227	9.95149	8.01782	10.1716	7.82404
1.62465	2.09402	2.53404	2.59131	0.855172	1.11587
0.244903	0.254331	0.249772	0.172722	0.258957	0.294132
2.01903	1.91038	2.18568	2.26617	2.07357	1.86088
7.2501	13.4585	2.21216	4.216	3.12899	4.04762
0	0	0	0	0	0.0328499
19.8372	15.7008	19.781	16.6789	31.1845	20.8867
31.398	32.0276	26.1694	28.1151	15.6891	26.3375

0.181414	0.113039	0.15237	0.034447	0.131003	0.152517
53.5596	28.3442	28.1333	18.8288	40.1233	23.1283
2.31084	2.29444	2.27491	1.75255	1.749	1.8314
46.9162	45.6413	49.459	50.6507	44.8525	48.5381
641.747	799.745	1368.24	1124.82	695.127	1079.05
0	0	0	0	0	0
1.04589	0.719112	1.81748	0.698505	2.18765	1.12186
0	0	0	0	0	0
17.9797	16.4094	18.5799	17.5109	13.8738	15.7195
0.15908	0.185029	0.334029	0.14499	0.643299	0.47255
0.969733	1.00707	1.0181	1.47307	2.45092	4.07633
0	0	0	0	0	0
0	0.122633	0	0	0.213181	0.165461
0.943185	1.22622	1.14331	1.82965	0.530148	0.998684
0.777109	0.522444	1.10787	1.11833	0.919279	0.722096
0.800096	0.600284	0.890591	0.478014	1.13586	0.640004
112.51	111.803	94.4517	70.8963	144.188	117.635
2.67039	2.75363	4.15163	2.4124	4.92385	2.37104
20.0966	22.0369	21.6268	18.6765	19.9062	17.9302
4.20388	4.06204	5.25928	4.18469	3.9142	3.44768
0	0	0	0	0	0
3.32756	3.0448	3.68059	3.49999	3.85977	3.44183
57.4014	62.623	51.779	61.3886	42.1014	53.5239
0	0	0	0	0	0
0	0	0.198064	0	0.340578	0.66085
52.7574	36.5301	61.6845	43.0623	49.6714	51.1248
48.5703	49.6164	39.4361	54.64	29.3454	36.0115
9.85125	10.742	11.4631	11.5871	10.8683	9.81578
28.7648	32.9188	31.12	30.3225	23.3724	26.0911
6.22929	6.8658	5.44177	8.00078	5.04467	6.50925
4.53604	4.89964	3.60243	3.21324	4.16734	3.16333
17.342	18.6263	21.7417	17.8495	21.939	18.1138
0.100044	0	0	0.113978	0.169323	0.0210265
0.610478	0.652094	0.466961	0.471951	0.566792	0.219958
0.416465	0.476879	1.17079	0.772	0.839619	0.484867
4.62735	3.04021	2.22087	1.66763	0.971763	0.608681
1.61249	0.843981	2.39717	0.551124	1.39729	0.189789
24.3046	21.2237	26.3026	21.6738	28.637	27.8421
0.485394	1.69371	0.366915	0.884801	0.946384	0.489692
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
12.258	10.9334	10.9877	12.502	12.6089	10.0064

52.3454	52.5572	53.2895	44.6565	38.9641	40.4618
3.28485	3.24742	3.13658	2.66217	3.57133	2.98789
0.770448	0.384053	1.24244	1.0182	0.634246	0.725452
61.1398	69.478	71.1468	69.6715	52.3064	56.54
2.39846	1.53049	3.03991	2.55145	3.31788	2.86671
0	0	0	0	0	0
25.3668	27.1275	24.2113	23.7215	23.5471	22.3793
0.961925	1.19875	0.727131	2.19181	1.25032	1.13218
0.0317649	0.0593781	0.0800384	0.0180946	0.120425	0.0667629
0.234602	0.14618	0.197043	0.222732	0.211764	0.197233
0	0	0	0	0	0.0562403
0	0	0	0	0	0
9.23168	11.6325	8.06189	9.04605	7.8375	7.82288
1.64237	2.38784	0	8.73191	0	0
9.31107	10.8394	10.5946	14.249	9.65297	13.386
1.35872	1.37214	1.27432	1.44662	1.80513	2.05994
0	0	0.023298	0	0.0726117	0
24.167	28.2717	24.673	24.9425	25.6044	22.0069
0	0.0263916	0.0266808	0	0	0.0356086
61.6746	60.1872	62.386	63.2398	63.0631	64.548
24.0523	24.5295	35.5672	31.9875	31.531	22.876
19.1602	17.0614	16.8981	20.9289	18.5141	22.3691
4.84764	5.83794	3.08982	3.64438	4.54447	4.73959
0.068568	0.0854493	0.345543	0.273414	0.445629	0.201761
0.400535	0.164945	0.340581	0.271503	0.0358247	0.111275
8.27216	6.95841	6.93992	6.36142	8.24749	6.60678
5.51436	8.40477	5.1911	5.55842	5.24029	7.42792
0.0410798	0.204774	0.155264	0.187206	0.0889936	0
1.59121	1.64019	2.15977	1.82801	2.25285	1.41297
24.1413	27.8577	21.5811	25.3899	28.471	24.5928
0.558971	0.630248	0	0.242601	0.864952	2.12589
25.3053	25.8683	27.7226	27.2422	20.6571	23.8644
0.479148	0.365973	0.35051	0.42262	0.971038	0.701695
0	0	0	0	0	0.00312372
1.53454	1.47099	2.94574	3.63201	2.86913	2.14639
2.6158	1.95977	1.58127	1.67107	1.58877	0.991649
9.44592	8.86117	12.1703	9.05329	15.1833	11.2355
0.126693	0.210513	0.266025	0.553302	0.274463	0.33729
38.7985	33.7457	41.0853	39.973	41.6315	47.8566
17.8963	24.5877	30.0579	25.1923	18.7178	25.4882
20.2002	21.5496	24.0755	24.2562	24.0179	26.8054
27.4192	26.5376	29.3521	24.7551	24.5864	23.1697
71.9919	76.2748	110.515	106.03	106.123	105.581

0	0	0	0	0	0
13.6646	12.6449	13.2996	11.9843	13.0724	11.1367
109.243	124.882	110.758	116.211	90.591	105.553
143.75	143.45	136.59	143.795	96.6207	107.265
202.318	220.153	295.149	301.946	281.184	342.727
27.9492	30.9451	30.5262	28.041	20.8393	24.5433
0	0	0	0	0	0
10.7777	10.3106	11.4227	10.206	15.4199	13.815
0.0782282	0.097488	0.443506	0.356498	0.381311	0.263071
16.6298	17.4744	18.32	20.4141	18.5377	17.5244
2.1209	2.64306	3.02829	2.09413	1.53154	3.09064
74.2898	76.0875	73.1071	77.4989	70.6848	75.6274
0.0846658	0	0	0.0964583	0	0.0711796
0.0502964	0	0	0.257859	0	0
0.277993	0.10393	0.105069	0.0316713	0.18067	0.0701136
0.34855	1.30309	0.351298	0.635356	0.52856	0.820485
0.037546	0	0.141907	0	0	0.0315654
88.0559	90.4965	82.9204	80.2006	85.076	99.5272
2.53514	3.39773	1.62709	1.58036	2.02065	1.84983
0	0	0	0	0	0
0	0	0	0	0	0
19.6589	18.7737	20.6361	18.551	16.5939	16.1072
0.873848	0.445495	0.750628	0.678791	0.430243	0.601081
12.8425	16.2688	12.7476	17.2108	13.5275	16.9834
14.5832	14.0029	13.1636	14.035	13.0702	15.4633
29.0607	27.7775	30.8457	27.2303	33.5902	31.2398
0.127078	0.0791824	0	0	0.103237	0.106836
0.0224129	0.0817958	0.027492	0.0748421	0.0945006	0.018339
0.321785	0.328097	0.257983	0.266621	0.221805	0.0245935
2.05376	2.05527	2.43062	3.2261	3.80877	2.95618
6.61753	5.99764	4.45509	3.37678	2.59064	2.29446
0.519357	0.615669	0.12967	0.250155	0.828198	0.444552
19.6117	19.2942	20.2775	19.3732	18.111	17.714
0.0819792	0.0908105	0.022951	0.0207546	0.0197325	0.0153154
5.73294	5.6022	5.72723	5.16473	7.65967	4.55435
7.25009	9.17265	5.84209	7.21169	9.80647	8.47764
18.8779	17.7121	17.0273	22.749	21.0148	18.6198
5.35965	9.29578	1.44793	2.92088	2.40598	2.71284
0	0.148423	0.15005	0	0	0.0500648
0.539185	0.775092	0.731553	0.759751	0.602951	0.732084
0	0	0	16.9256	0	0
0	0	0	0	0	0
1.81822	2.69556	0.926923	1.77666	0.469181	0.83698

98.4386	100.959	80.1725	94.7959	68.8907	103.091
9.35911	8.44012	9.99238	6.40878	10.2142	7.48525
9.30192	10.1154	9.9861	9.13747	8.7118	9.52022
0.438748	1.94334	0	0	0	0
0.436371	0.327986	0.220738	0.100332	0.286597	0.333892
3.04546	0.81796	3.91E-06	1.90272	4.50E-07	5.17E-07
0	0	0	0	0	0
18.4583	16.6854	18.5007	22.0133	16.7188	17.0278
4.24103	4.31404	4.81444	3.46587	3.60362	2.44419
0.0453837	0	0.343061	0.10341	0.147476	0
1.23329	1.94827	2.28657	1.79233	2.68989	1.69088
104.012	113.921	117.167	112.138	94.7447	118.562
0	0	0	0	0.0326308	0
0	0	0	0	0	0
4.46871	3.38699	6.03601	3.75575	6.18145	5.0133
0.378536	0.236672	0.372838	0.221966	0.525123	0.308317
172.609	206.93	166.64	166.421	144.849	128.014
6.21118	7.09534	4.97225	5.1598	3.85449	4.67788
27.1262	26.0098	24.0679	26.2885	22.6336	27.8061
20.9706	15.9522	16.1209	12.9046	23.0418	17.0399
8.22828	9.36593	7.75442	9.7065	9.2636	10.1585
0	0	0	0	0	0
0	0	0	0	0.0480608	0
0	0	0	0	0	0
23.7542	23.5598	11.9433	14.959	6.13745	7.78665
24.8409	24.0725	22.8918	22.4238	20.1054	22.8307
0	0	0	0	0	0
1.53183	0.707023	1.26276	1.24964	1.22907	0.906248
0.878184	0	1.21928	0	0.951231	1.21543
6.84022	6.38612	8.96124	5.56639	9.8584	5.94171
2.29348	3.07383	2.90038	3.66737	1.96455	1.82543
4.28694	5.23639	2.16734	2.95419	3.32703	1.82656
0	0.201894	0	0	0	0
0.502966	0.250718	0.506931	0.114604	1.25305	0.42285
39.4934	39.7333	41.0776	36.7726	32.7233	35.8224
2.6248	2.18475	3.80043	1.72952	3.70244	1.67973
0	0	0	0	0	0
0.254702	0.875209	0.300593	0.939511	0.375045	0.578207
52.3755	61.9555	48.2324	52.9242	52.8906	57.7697
4.5498	7.72051	6.24515	3.54958	4.70533	6.24445
0.261872	0.190797	0.297118	0.439705	0.381865	0.704209
0.958972	0.796713	0.805444	0.728361	0.51937	1.88118
0	0	0	0	0	0

0	0	0	0	0	0.0233712
20.4593	21.8729	13.5833	14.0232	14.8937	19.6614
0	0	0	0.083565	0.0794499	0
12.9792	13.6173	11.7015	16.8517	12.2834	12.8611
0.0510359	0.0814092	0.186575	0.0624189	0.138831	0.0760471
16.8237	19.4316	15.0061	16.5332	19.9045	21.1942
8.67858	8.28046	9.0545	8.11077	7.71131	9.20573
8.64922	7.87258	8.97058	8.5026	9.42814	8.18225
0	0	0	0	0	0
0.194354	0.0302755	0.0306073	0	0.0789452	0.0204245
8.95946	9.43376	9.25544	9.46137	8.00941	7.58603
4.68071	4.39225	4.3464	3.95168	5.29224	4.06055
11.9205	13.3204	11.8611	13.097	13.3875	13.2592
23.8032	23.3818	21.874	16.2711	22.5981	20.247
0.299496	0.0933079	0.282991	0.511816	0.081102	0.0629475
2.12899	2.58046	1.32274	2.72456	1.927	1.91246
1.33546	1.22464	1.58725	1.49276	1.74677	1.73707
6.82562	6.39579	6.99102	5.66899	9.34048	7.51246
1.49499	1.73311	1.21839	0.756489	2.9094	2.19278
16.1624	14.9728	19.004	15.6175	15.9806	15.9083
0.354545	0.31812	0.339473	0.678598	0.445482	0.286148
19.0607	16.9156	23.775	21.441	28.0052	28.259
11.3459	10.4853	9.07726	8.87214	12.0753	12.2467
0.100834	0	0.095277	0.0861587	0	0.127158
261.497	237.171	241.396	240.386	173.48	202.17
1.62181	0.659381	1.71453	0.602811	2.01638	0.662392
3.44714	4.29582	0	0	0	0
29.6538	30.3107	27.5468	26.5849	29.5675	29.2123
0	0	0	0	0	0
0.855821	0.837982	0.231045	0.487511	2.18509	1.90153
0.157743	0	0	0	0	0
9.05425	10.2839	8.86961	9.62492	10.1162	10.3991
15.4462	16.6109	18.036	15.7172	18.7519	18.5813
1.31315	1.46112	1.12262	0.534305	1.37158	0.709704
17.1579	16.3797	17.6479	14.6568	17.785	14.5303
0.980726	0.937706	1.43795	1.25217	1.53851	1.31495
0	0	0	0	0	0
10.7988	12.5157	8.69118	8.85919	13.3077	12.2757
1.07771	0.91327	0.597415	0.638466	1.77438	2.31948
0	0	0	0	0	0
0.102713	0.0853342	0.32351	0.195033	0.185429	0.158313
0.0795858	0	0	0	0.0565003	0.0214989
52.9124	149.429	19.7903	265.772	62.7828	27.2813

1.96896	2.17489	1.97321	2.19222	1.26026	2.97207
11.4802	11.2309	16.4537	12.6502	15.0756	12.3425
6.21062	5.17701	6.19005	5.25173	5.78542	5.16333
0	0	0	0	0	0
4.81309	6.03049	6.85044	6.63944	3.21261	4.17766
0.44759	0.371857	0.438587	0.056659	0.646427	0.167242
1.14478	1.41278	0.809453	0.637914	1.34442	0.839882
1.88818	2.58958	2.28543	2.32642	1.7355	1.64575
0	0	0	0	0	0.0113123
6.84611	6.91557	6.34797	5.39206	6.91228	5.53485
16.3214	16.3403	14.5325	16.6783	15.1692	18.0757
3.84345	4.00667	4.63309	5.27624	5.60037	5.03632
0.32421	0.25711	0.519855	0.251841	1.34086	0.396462
2.82184	3.12368	2.90259	2.9529	2.26553	1.94641
1.01E-12	0.55425	8.20E-12	0.224104	0.885307	0.615052
0.0251534	0	0	0.0286569	0	0
22.2688	22.962	22.8278	22.6804	19.9797	20.9145
37.6567	41.2338	32.7666	38.4971	35.568	41.3952
17.5789	21.1606	26.5099	29.3288	26.7022	33.3005
10.2151	10.0397	11.0195	7.37868	10.6656	8.67652
0	0	0	0	0	0
13.6059	13.9827	20.6158	19.7656	26.4225	23.4495
22.5135	22.2263	20.9836	17.5954	22.9023	18.6656
0	0	0	0	0	0
12.7839	9.78386	17.375	11.6357	21.3353	14.2522
6.23722	4.89006	0.522668	1.06133	1.53938	1.60755
7.36213	6.19191	4.84566	4.10971	5.59192	5.60117
7.47035	7.39931	7.53856	7.18531	10.3322	8.60756
2.63439	2.12464	2.12074	1.96919	4.10522	1.57118
93.4249	95.2682	76.3106	96.1296	52.8001	69.9063
3.79883	4.08431	4.59828	4.24308	3.87276	5.26024
25.8472	28.6037	32.3449	34.9618	36.237	40.5846
0.181588	0.276582	0.152516	0.0459733	0.109273	0.0678503
7.1841	8.29699	7.78656	6.78725	7.37071	7.48024
1.48543	1.81232	1.75751	0.87926	1.65241	1.07911
0	0.339469	0.0878562	0.0993102	0.0472099	0.036642
69.7925	88.4277	67.5658	81.9542	60.1515	70.4191
541.457	263.245	894.926	669.541	299.652	193.766
0	0.0231644	0.0702548	0.0635312	0.0201342	0
9.61445	8.41214	11.0119	10.5516	11.1397	11.1445
6.70364	5.65921	10.0666	5.54323	9.49818	8.58101
1.94697	1.45964	2.04823	2.00133	2.31136	2.14337
0.38152	0.887507	2.25012	2.61125	0.804617	2.17677



0	0.365877	0	0	0	0
29.4114	28.5898	28.4815	28.721	21.6681	25.7268
0	0	0	0	0	0
17.3409	16.1904	17.1218	14.3835	16.979	13.8633
8.30739	9.04948	6.98167	9.23203	6.75367	6.08015
1.01302	0.942606	1.39537	0.907901	1.72638	1.13554
0	0	0	0	0	0
37.4358	35.4353	57.5185	23.9559	30.7519	15.8915
0.462746	0.645874	1.0171	0.461982	0.501237	0.533758
16.9014	16.8752	19.0653	12.4628	20.4965	11.7667
0.567182	0.656465	1.12421	1.77576	1.28798	0.85104
8.87819	7.34993	8.61618	6.39768	7.27198	6.19802
8.43502	8.82331	8.53456	8.36507	7.29038	8.12023
64.386	48.1501	58.0578	52.626	74.4922	53.7793
2.85986	2.61657	3.27526	2.43333	4.2735	3.75142
15.2027	14.2272	14.9672	14.085	20.6521	18.725
52.2641	53.3383	71.5491	58.1087	61.6015	64.9642
10.3058	12.7395	11.9292	11.4238	9.90355	11.5268
0	0	0	0	0	0
0.592558	0.738445	0.715431	0.196902	0.748821	0.415142
2.5884	2.6195	2.42934	2.39476	2.91661	2.76029
2.28333	2.29974	1.34309	2.78666	2.35541	1.71458
47.4126	44.649	36.3357	38.5185	24.8327	36.4524
3.2722	4.05	3.7163	2.72343	3.57738	3.53912
0	0	0	0	0	0
0	0	0	0	0	0
0.0418558	0	0	0	0.136012	0.0351887
13.5098	13.2222	11.4816	11.1287	13.1137	13.4586
1.95035	1.51958	1.02174	1.11734	1.09973	1.20259
8.5363	8.55204	8.04326	8.47212	8.44342	8.52341
61.2125	78.0827	65.6069	64.2643	56.7376	58.607
0.114229	0.177939	0.215867	0.0650693	0.0309325	0.0240083
0	0	0	0	0	0
4.05042	3.63032	4.37395	3.34159	3.50122	3.28782
39.8851	41.5991	37.9109	41.3543	43.2874	46.5734
9.78538	8.34114	9.73837	7.94261	8.53172	7.32951
0	0	0	0	0.0144844	0.0224841
0	0	0	0	0	0
1.00612	1.32758	0.447375	13.0808	0.897487	1.19415
0	0	0	0	0	0
4.67828	4.54366	4.30456	4.04979	4.87846	4.39717
4.81689	5.06862	4.31065	3.34003	4.64676	3.2634
0.609686	0	0.170692	0.617426	0.293511	0.398666

53.6583	57.3552	58.2991	61.6841	62.5576	68.1908
0	0	123.726	0	35.4586	0
4.44343	4.58893	6.17621	3.95295	6.80129	4.70484
4.66558	3.9379	5.15785	3.47983	6.51386	3.84115
1.84866	1.52215	1.45565	1.67363	0.983334	1.02687
22.1929	20.6917	26.5978	16.918	12.7265	12.793
2.02918	2.24032	2.20446	2.83569	1.53526	1.68699
4.73786	10.14	1.62202	27.8396	13.583	25.8041
4.16404	1.96231	3.52678	3.66765	4.81363	3.91262
1.46497	1.40595	2.20629	1.38125	1.95161	1.71294
8.46538	9.4695	7.21307	5.37899	10.9248	8.38535
122.642	117.683	60.7965	58.3193	61.8585	81.4539
0	0	0	0	0	0
2.77016	2.54139	2.99992	2.69939	4.58387	2.50729
19.4561	21.0681	21.2428	18.9059	20.1359	18.9999
0.115119	0.143461	1.88542	1.70498	2.24449	2.22598
0	0	0	0	0	0
0	0	0	0	0	0
0.517575	0.388654	0.342754	0.302392	0.445626	0.234301
15.7894	16.2059	18.1007	17.9231	18.0346	14.4879
31.4634	36.1055	30.7204	34.9496	29.2524	36.371
21.015	21.798	21.2053	18.3498	20.4369	21.1378
0	0	0	0.056954	0	0
6.36111	24.735	7.80653	8.64E-06	5.32498	18.596
0	0	0	0	0	0
3.86432	3.16058	5.28682	2.85503	4.28385	3.75635
0	0	0	0	0	0
0	0	0	0	0	0
33.0568	37.3429	27.4004	33.1807	26.6181	29.0565
12.6334	17.233	16.1313	21.2005	13.3144	15.3575
0.0733488	0	0.369635	0.083565	0.0794499	0
0	0	0	0	0	0
15.1512	13.5878	15.5658	15.5908	13.7848	13.6446
12.2309	12.4855	12.4965	12.2125	12.5324	12.26
0	0	0	0	0	0
20.7009	22.3985	23.4913	21.2529	28.5965	28.6876
0.142318	0.215059	0.240287	0.196608	0.147602	0.106933
0	0	0	0	0	0
0	0	0	0	0	0
0.0199736	0	0.130119	0.0721555	0.0939346	0.112231
0	0	0	0	0	0
0	0	0	0	0	0
4.94015	8.92679	11.5141	7.87951	17.8369	14.9171

0	0	0	0	0	0
13.8443	11.0301	17.1429	16.7398	13.0604	13.9889
12.8042	12.7761	14.4356	11.6744	17.6023	15.0548
29.0305	32.4414	26.4046	27.0306	22.4519	20.3103
17.887	21.5539	18.4378	23.2415	18.174	22.6189
5.31948	4.87847	6.32606	4.82028	6.50814	4.83228
1.98818	1.43633	2.1055	0.722206	2.05993	1.81684
9.79096	9.55983	10.0276	9.14327	12.2244	10.5942
0.292629	0.158941	0.454127	0.15632	0.32751	0.229657
18.8276	20.6375	18.8766	23.3591	16.6566	18.5633
0.0386285	0.0481388	0.0973325	0.0440088	0	0
7.87426	5.66274	8.37269	5.27809	9.20259	4.47971
12.1418	12.56	10.6524	10.7504	12.0161	10.1224
0.152928	0.285868	0.0963334	0	0.579769	0.128568
11.5199	12.2832	11.7428	10.8732	12.3776	12.468
0	0	0	0	0	0
0.225207	0.561306	0.189152	0.3421	0.162627	0.315558
49.034	53.7046	51.0382	55.4294	57.2036	62.3744
0	0	0	0	0	0
1.69031	0.609375	2.47149	1.65031	0.848223	0.668927
13.2003	17.9778	10.4902	31.229	10.4855	15.4619
33.248	31.3509	29.5443	31.3257	28.3453	28.2709
9.80505	10.1535	9.30867	7.096	7.08672	6.38777
7.12789	7.21614	9.23105	6.59705	8.69167	7.27234
0	0	0	0	0	0
0.682716	0.912658	1.2906	1.12998	1.37553	1.15693
0	0	0	0	0	0
17.8916	17.7121	16.1696	19.3324	14.4106	19.1587
5.28229	4.5999	3.33111	2.63888	4.31875	4.25192
0	0	0	0	0	0
12.9927	12.9324	17.2265	14.1902	17.3719	18.0714
0.182818	0.236083	0	0	0	0.0384214
17.0915	21.699	17.3298	20.1518	17.7867	18.9185
43.9603	43.0949	43.5037	38.7579	47.1807	46.1664
3.06184	3.08981	3.46503	2.76265	3.34585	3.13217
0.0621061	0.188676	0.085505	0.0686712	0.109322	0.0388277
15.0349	15.4807	16.9131	15.0511	14.568	11.7559
0.0207897	0.0906784	0.052384	0.746089	0	0.0786517
3.59513	3.49917	4.16567	3.49794	5.34383	4.91979
7.36531	7.65612	8.09183	6.80043	10.1962	7.18011
0.143519	0.201209	0.0904062	0.224824	0.252617	0.316727
7.22175	6.80285	6.01079	5.24888	5.70509	5.81079
8.37084	8.82752	2.64328	2.32135	7.42406	7.53745

10.4758	10.2862	12.1547	10.5389	13.1703	11.2523
0	0	0	0.0706946	0	0
21.388	23.7997	23.278	23.3057	19.1938	30.333
29.1476	35.0035	28.18	27.7935	32.654	34.1997
25.8383	31.0111	27.9645	28.7456	28.5825	27.1168
0.249687	0.276128	0.144499	0.0143397	0.429712	0.570369
0.733959	0.609772	0.821938	0.929096	0.441672	0.75417
0.378758	0.149712	0.232479	0.394594	0.42158	0.645524
4.34837	3.5765	3.17742	5.25127	5.36948	6.21474
0.169642	0	0.106862	0.0966348	0	0.0356549
9.66152	6.59438	9.83596	3.95184	8.49525	4.8145
0	0	0	0	0	0
0	0	0	0	0	0
4.20508	4.99161	3.62127	4.09338	3.34407	4.56451
3.48169	2.9204	2.9524	1.37306	1.66807	0.675484
0.0779094	0	0	0	0	0
0	0	0	0	0	0
0.677582	0.943743	0.70301	0.454093	0.733943	0.871232
4.41753	4.42214	2.46339	2.16576	1.78456	2.26028
0	0	0	0	0	0
26.4727	23.1766	25.8277	26.6945	26.4054	25.1569
18.7456	19.1918	21.9323	20.6293	20.8373	18.4397
0	0	0	0	0	0
1.84324	50.535	1.54815	334.246	1.6638	17.8208
4.66967	4.82329	5.12342	5.00055	6.2429	4.62141
6.86268	6.16379	7.251	6.91565	8.70591	6.50667
18.644	17.7464	19.4589	15.1756	23.2798	16.1531
5.77289	4.17007	5.63175	4.94727	6.41909	4.87481
0	0	0	0	0	0
557.993	535.183	423.921	371.941	307.765	321.119
0	0.255174	0.128985	0.408242	0.110897	0.172145
30.5499	27.5722	31.2249	31.9344	37.0047	31.9133
0	0	0	0	0	0
16.9284	16.8021	16.9649	14.5428	18.1331	13.5332
0	0.0503676	0	0	0.0437789	0
21.0091	24.4616	17.9676	22.922	21.2617	25.7075
42.2858	47.6886	47.1232	35.8325	31.1999	30.7055
4.32214	4.25218	5.34429	3.88021	5.45134	5.12757
31.0317	25.3156	25.593	25.8571	41.2764	34.8635
10.2496	11.3545	13.5634	8.68345	10.5762	7.95226
8.06827	7.4087	7.9714	8.10351	7.61246	7.4257
0.0388625	0	0	0	0	0.136524
0	0.0398771	0	0	0.103982	0

61.4892	64.9267	61.8492	54.4535	61.1957	69.388
2.0245	3.42398	1.12347	6.64485	2.6628	3.44457
13.2737	9.88174	14.3191	11.764	19.7158	11.7568
0	0	0	0	0	0
2.33806	2.60768	2.13589	2.23313	1.11953	1.86087
2.73896	2.25277	2.82957	1.62263	2.64044	1.93425
75.9298	87.1466	87.3197	79.4344	81.7974	78.6199
0	0.135603	0	0.619845	0.117864	0.274442
33.2495	30.0087	33.3281	30.5892	31.6393	30.9863
30.0162	34.1416	31.416	39.2982	30.3491	35.6274
2.61129	2.23996	3.3191	2.58261	4.68124	3.87578
0.0997685	0.124331	0	0.113665	0	0
0	0	0	0	0	0
7.73844	6.878	6.12675	6.50777	7.02342	5.97041
1.85658	1.35802	2.38986	1.37946	2.22959	1.01794
206.895	220.721	157.621	256.998	136.586	174.178
54.2843	56.5058	60.794	53.2081	59.4356	44.9519
6.98441	4.92968	7.9817	5.65103	10.2266	7.35283
0	0	0	0	0	0
28.3105	20.6142	30.4758	23.2024	38.3397	24.8976
0.000126655	0.291909	1.23E-22	0.939772	0.62548	0.234614
0.140596	0.0438025	0.0885649	0.120134	0.1047	0.1182
0	0	0.0404263	0.0365574	0.0347572	0
0.0470577	0.036652	0.00741073	0.0603135	0.0637149	0.0247262
0.977654	0.771108	0.841923	0.648556	2.05093	0.957179
27.244	20.5381	24.5562	21.9983	22.4206	24.5267
1.25353	1.68235	1.68429	1.67582	1.8655	1.56585
0	0	0	0	0	0
0	0	0.194213	0	0	0.0648002
22.4575	23.397	19.1535	20.1784	15.6394	19.5753
2.14515	2.91642	2.29135	2.51125	2.60138	1.99138
64.4593	76.4629	64.9672	69.9567	66.0138	67.9599
11.7355	10.8332	12.3252	12.1072	12.6881	10.7441
3.89302	4.20234	5.11188	4.18538	5.16712	4.88632
15.8262	17.1073	18.6945	17.8899	16.1531	19.7608
45.4356	59.62	64.0905	84.5538	32.7308	44.3867
0	0	0	1.38203	0	0
0	0	0	0	0	0
176.034	152.133	134.263	134.098	91.9701	126.94
6.74072	8.30427	7.08509	7.85516	7.55174	7.17584
4.17407	3.22334	1.81776	3.00215	2.30327	2.47078
1.66543	1.28981	2.59593	2.54204	2.13668	1.566
0.181659	0.265293	0.245247	0.35479	0.592943	0.488713

17.4686	17.5566	16.5383	15.6789	16.3194	16.3306
7.10039	6.2117	7.94007	8.75591	10.4096	10.9719
6.53624	6.01713	5.73773	4.61211	5.48123	5.63691
72.459	70.6699	75.6605	67.0205	83.6742	59.0845
41.8277	48.2918	45.0595	51.9448	48.8126	51.4151
0	0	0	0	0	0.00400552
0	0	0	0	0	0
0	0	0	0	0	0.0221425
0	0	0	0	0	0
0.0877758	0.0820396	0.0829385	0.0500007	0.0475385	0.110691
11.4144	11.2313	12.6666	12.5683	14.2748	11.5083
9.60385	8.5157	5.84089	6.16041	0.778798	0.716431
0	0.377571	0.381708	0.460237	0.437573	0.339623
36.44	36.8994	38.1235	39.7437	41.2842	42.7638
0.35132	0.622449	0.384309	0.298753	0.134613	0.0783598
12.3989	11.7881	12.6018	13.6284	13.3777	13.7272
0	0	0	0	0	0
0.391823	0.424041	0.532612	0.340777	0.502596	0.450772
0.15905	0.0991036	0	0.181202	0.344558	0.133715
7.78909	7.68451	7.37687	6.87117	7.63137	6.36648
0.226417	0.0940536	0.404108	0.171969	0.327001	0.23794
0.101748	0.443793	0.320469	1.21716	0.385739	0.299392
0.0984342	0.179989	0.146617	0.0951995	0.359945	0.140506
8.96049	10.359	9.69093	8.82341	10.1866	7.48432
30.5822	41.3357	30.255	33.7081	23.4253	30.6187
4.38896	1.59935	0.000127527	11.2681	7.27431	10.017
3.01228	4.45991	5.07793	4.48339	5.70909	6.3252
0.100519	0.0417556	0.168853	0.0381732	0.0725868	0.0281692
608.869	757.271	738.263	1070.21	502.547	834.022
26.0618	24.9674	32.0829	25.6577	31.4789	27.5327
0	0	0	0	0	0
0.0905534	0.169271	0.399294	0	0.539471	0.0380647
0.169344	0.22893	0	0.131245	0	0.0266941
70.585	78.7386	40.7909	49.216	39.0603	44.2755
0.0431957	0.0788869	0.0655411	0.0798417	0.046043	0.052458
9.17041	11.9633	8.42354	9.67897	5.5812	5.77581
0.0345354	0	0.0652644	0.0590184	0.130928	0.0435515
0.0283858	0.141504	0.035762	0.145536	0.030747	0.194906
22.2204	19.8158	20.1619	16.7158	16.6532	12.8147
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.209497	0	0	0
43.1387	49.7287	48.0849	47.4947	34.0075	33.5523

23.339	19.7061	25.6385	23.4634	27.0364	23.2838
0	0	0	0	0	0
0	0	0	0	0	0
0.308385	0.208167	0.348049	0.146391	0.354913	0.297072
0.099313	0	0.18768	0.0565728	0.134467	0.0834936
23.1883	56.2654	38.1024	47.5995	27.5577	20.1826
52.0241	50.4836	47.6659	45.5199	53.124	49.6104
10.4815	8.89898	10.346	7.869	12.9759	8.1564
0	0	0	0	0	0
3.3339	2.88868	4.21826	2.1518	5.03711	4.13812
8.46264	8.16998	9.92852	9.35778	9.35058	9.61159
3.42772	1.52847	6.54479	3.0154	9.48025	5.24619
10.2045	9.04203	9.79828	8.17203	11.4546	8.42521
3.38838	1.7016	3.10512	2.05643	6.60206	1.86108
0	0	0	0	0	0
6.00428	6.56111	4.73305	4.86626	6.66774	7.03927
0.132468	0.178834	0.0566385	0.215078	0.137317	0.317367
4.30306	4.97518	5.19417	6.37385	7.23972	8.04754
0.0242126	0	0.0305044	0.082755	0.0262266	0
0.0945665	0.0589243	0.17871	0	0.204865	0.318013
42.2973	42.2389	39.6819	41.5344	29.2443	31.8645
0.508442	0.330434	0.453943	0.422274	0.917624	0.29381
19.756	19.4204	24.3338	20.9167	23.3529	21.01
3.58187	3.38499	3.7856	3.29862	4.58033	3.57177
0	0	0	0	0	0
11.1694	11.2694	12.1457	10.3888	12.8808	12.0568
18.5726	19.0121	14.78	16.2828	14.8733	12.5116
2.0701	2.65953	2.60753	3.06355	1.71013	1.22038
0.483141	0.527609	0.416458	0.686888	0.426275	0.454597
0	346.74	0	0	0	233.918
123.825	123.478	137.462	130.608	152.462	171.106
0.0423889	0	0	0.048293	0.0918296	0.0237579
0	0	0	0	0	0
0	0	0	0	0	0
7.02173	5.82872	5.55472	3.36208	4.56645	4.01753
29.6263	28.5899	26.6164	24.2554	24.5431	21.6345
5.57016	4.04936	10.4282	10.2003	7.24227	7.18532
7.32566	8.11486	8.64327	8.8759	5.41595	6.64756
33.8174	35.8469	38.9131	35.1123	35.5723	33.1597
2.53884	1.75772	2.66548	1.60692	2.75002	2.01586
0.119511	0.106136	0.136784	0.0659255	0.0713149	0.0672673
50.7374	52.767	50.544	60.1659	46.705	40.7226
0.286572	0.0973979	0.361039	0.237445	0.507942	0.328533

1.69335	1.82183	2.40961	1.96453	2.45434	1.85374
13.9302	16.7787	13.6582	18.9914	16.0359	15.1414
86.1459	74.9657	36.5089	27.7052	43.1551	13.5738
458.529	457.134	404.376	208.958	645.67	462.589
12.2635	13.9303	10.7673	11.6842	15.6346	15.1914
0	0	0	0	0	0
8.59691	9.25505	9.26998	7.91576	9.10982	9.38272
0.7072	0.676115	0.900799	0.982823	0.881238	0.805159
20.309	22.5055	22.2474	24.0389	17.592	17.359
2.45603	2.05474	3.39717	5.10705	2.97659	1.97818
4.81121	4.68853	5.61262	5.56331	5.33026	5.91341
40.8094	41.1911	44.5919	37.8874	50.6985	43.8171
4.55019	4.35283	5.54229	3.48465	4.72417	3.58731
0.26536	0.127189	0.154299	0.418597	1.74671	0.531988
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.472141	0.213478	0	0
13.1174	12.7143	18.0406	14.2657	15.1996	12.2265
0.559612	0.634985	0.205353	0.583443	0.478174	0.449721
0	0	0.0977607	0.0884047	0	0.130473
0.0565125	0.0704258	0.0711975	0.0643837	0	0.0475108
0.303988	0.505152	0.170264	0.346619	0.439245	0.567644
7.78793	7.81558	7.85405	7.14505	8.55738	7.83799
0.206153	2.56908	0	336.329	0.223301	18.3714
14.4388	14.728	13.4328	12.3521	10.7141	10.5838
0	0	0	0	0	0
0	0	0	0	0	0
9.41565	8.53963	8.73768	9.28421	13.1221	13.4741
0.0520057	0.0216032	0	0.138248	0.0751087	0.0582958
0.84936	1.05847	0.927394	0.580597	1.22668	0.618859
0.326601	0.313084	0.113044	0.128436	0.311101	0.239171
0.134857	0.0373457	0.27184	0.182092	0.265098	0.363053
7.46641	7.14753	7.12265	6.84235	10.1251	7.8028
13.4682	10.3551	10.9845	9.01201	8.91114	11.1848
296.3	315.026	177.978	183.553	134.252	193.363
8.30E-66	2.95E-20	4.52E-18	4.43E-80	6.09E-76	1.88E-05
0.0205503	0.136587	0	0.146331	0	0.0172769
3.31937	2.95471	8.49661	8.16379	2.79648	4.29669
0.180141	0	0	0.136821	0.130083	0.151447
0.900886	0.51031	0.722263	0	1.33067	0.688533
341.283	439.936	274.379	264.597	169.475	183.964
2.58879	3.44122	4.85601	0.589873	9.65865	0.725476
22.0656	21.6017	22.3346	21.1445	24.6333	19.5491



26.8416	24.3005	24.3586	29.1278	30.6853	32.9262
0.494988	0.357125	0.525147	0.771695	1.46739	1.05131
2.8029	3.32794	3.92051	3.16815	4.61382	3.74802
1.00637	0.969104	0.864462	1.25077	1.53602	0.769151
0.856825	0.749441	0.99025	1.26474	1.80564	1.43944
1661.4	1904.92	1608.94	1633.48	1707.46	1915.8
1.4085	1.74077	0	0	0	0
0	0	0	0	0.046176	0
0.184579	0.337532	0.0581323	0	0	0.0426946
0	0	0	0	0	0
25.3772	25.759	27.8039	23.6839	31.7652	27.249
7.35233	7.21234	8.16762	6.79166	9.98179	7.7265
12.1593	9.50005	20.3195	11.8432	14.4674	12.3412
0.0374971	0	0	0.0427198	0	0
2.49798	2.45182	1.29974	1.1544	3.07693	1.52085
0.780836	0.53687	0.542753	0.598174	0.656213	0.237683
3.49406	3.97565	3.89162	4.61533	4.25092	3.27807
25.1448	26.1989	23.3809	26.0252	24.904	25.724
2.89852	2.52276	1.70993	1.80837	3.63797	1.64389
0	0	0	0	0	0
0.0551075	0.0686749	0.0694274	0	0	0
1.37339	1.4905	1.62245	1.08788	2.52542	1.80607
39.0508	41.0194	41.5287	43.3637	41.1181	39.356
1.65273	2.04744	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
38.7818	41.1747	36.8104	39.7088	39.3761	45.2811
27.3767	23.5887	28.6692	25.0375	29.4881	28.8665
20.626	18.845	20.7147	18.7084	27.9101	21.7447
0.0668823	0.0416743	0	0	0.096594	0.0187429
0.210579	0.605507	1.21736	0.922375	0.843616	0.863106
7.10498	8.45829	8.82867	8.42857	8.72559	7.18437
38.4363	36.7654	23.498	20.6649	23.7697	26.6484
26.3994	27.3089	22.9759	22.6202	16.8864	17.6195
0	0	0	0	0.139729	0.135564
0.0819843	0.102169	0.103288	0	0.133206	0.172313
0	0.0359983	0	0	0.0312892	0.0728556
0	0	0	0	0	0
6.23199	5.63035	6.5817	5.67063	7.70091	6.26527
1155.06	1335.86	1204.78	1075.36	1176.84	1300.68
0.224949	0.210248	0	0.44849	0.487319	0.283675
2.31966	1.31617	1.72766	1.65374	1.97806	1.09399
1.15623	1.69324	0.0853526	0	0.146766	0.0854348

58.1824	45.9154	58.155	51.7953	66.1745	75.6657
0.275492	0.135246	0.520619	0.385196	0.75506	0.287757
11.9808	9.00971	5.59518	5.84416	8.09216	7.67003
12.5622	8.23647	17.9034	9.23404	16.269	9.68858
1.17669	0.733195	1.69424	0.383024	2.64018	1.69587
14.1572	14.0576	14.4081	12.3188	12.9284	11.5503
0.0904275	0.135333	0.136816	0.95206	0.20165	0.211177
8.6527	8.49946	8.74656	6.69562	9.69732	8.32422
33.1056	36.3901	35.096	34.7348	26.8287	28.9194
0	0	0	0	0	0
1.28283	2.27836	1.32095	0.808593	1.02577	1.37069
2.66876	2.11642	2.75093	0.552813	1.05118	2.44763
2.70322	3.41599	2.16446	3.52599	3.09226	4.0249
10.5679	9.05415	10.293	8.29372	10.3115	8.4379
0.512723	0.638955	0.484467	0.292068	0.138843	0.538816
0.979227	0.541452	0.52598	0.533331	0.772106	0.77266
1.28341	1.25666	2.19438	2.19326	0.794381	2.23503
7.50887	8.48503	7.85761	7.00227	7.88279	6.91167
7.8879	8.09288	7.93412	5.93329	9.38125	6.61015
7.01908	5.909	6.62051	5.08302	6.21782	4.31591
0.120802	0.173292	0.109226	0.168371	0.151286	0.116906
41.5848	48.3058	42.2237	49.8889	35.8726	48.048
0.153652	0.0589171	0.104235	0.188518	0.0384075	0.0397467
0	0	0	0	0	0
22.6796	23.7346	25.6261	26.0876	21.2961	22.5317
1.8254	1.65791	1.819	0.904704	2.02192	1.19649
0	0	2.54E-11	1.53E-11	0	0
149.126	153.575	187.067	122.754	128.595	81.9577
10.5758	10.2514	10.6988	10.5141	21.8513	22.4631
3.75464	4.96965	1.82161	0.876774	5.25419	9.68538
17.9086	17.5353	17.0559	21.7388	17.8541	22.6968
6.51867	4.56007	20.4856	6.46032	18.3478	5.9489
5.69921	6.04725	5.2817	4.55895	5.96072	6.45911
0	0	0	0	0	0
0.651684	0.74004	0.5352	0.483973	0.963555	1.34127
0	0	0	0	0	0
0	0	0	0	0	0
1.84903	1.53625	1.88157	1.64749	2.05418	1.65408
0	0	0	0	0	0
46.4758	44.7471	52.4212	45.1838	45.8042	43.7681
3.92992	4.59374	4.66967	3.72529	5.26877	4.57599
17.0599	19.4692	18.3486	19.9653	18.1863	17.8697
9.92592	8.9617	8.67708	7.96206	7.75282	7.77716

48.7224	33.4831	40.8189	39.1031	59.0433	55.1283
3.02736	2.86204	3.91925	3.04465	4.61346	2.36961
0.157955	0.0656143	0.0663333	0.149963	0.228124	0.132794
0.0361785	0.0450856	0	0.0412176	0.274315	0.121663
535.03	639.592	533.095	621.499	429.075	569.266
20.8257	23.4246	21.7767	23.2278	21.9116	22.6088
0	0	0	0	0	0
20.6926	17.6229	20.7098	17.1122	19.8176	15.9524
0	0	0	0	0.0317832	0
0	0	0	0	0	0
4.11E-10	8.35E-10	3.38E-09	2.22E-09	3.58E-10	5.04E-10
0	0	0	0	0	0
0.0619185	0.0771627	0.312033	0.423256	0.0670688	0.0520556
22.8038	23.9152	24.8682	25.3113	26.6837	25.8276
28.075	30.7359	30.274	32.1917	27.6962	29.1865
0.535748	0.553707	0.660386	0.672347	0.895775	0.624979
0.444911	0.332669	1.01244	2.02885	0.289151	0.0748084
19.0301	18.7494	18.6116	17.3445	18.7039	17.0583
0.0533834	0.0665263	0	0	0.231295	0
13.101	15.0542	14.7369	17.7364	12.0252	12.6234
13.106	12.9742	12.0857	16.6677	16.1249	10.6408
0.0418781	0.0260942	0	0	0	0.0176037
0	0	0	0.0344109	0	0
0.541104	0.269729	0.136342	0.523999	0.498195	0.477658
11.8596	12.2614	12.7647	12.3104	11.7359	15.4358
6.83646	5.90351	8.92173	8.63856	9.03079	9.58515
26.6929	26.2243	25.0502	29.6575	29.1645	33.0813
6.65875	6.22817	4.40749	4.70579	5.12685	5.83289
19.7189	17.916	25.0257	16.0669	30.601	21.2953
0	0	0	0	0	0
4.41703	5.54144	3.13721	5.33621	2.53671	3.06547
1.33243	1.77288	0.0149211	0.0303596	0.0513149	0.0311158
5.74852	5.3779	5.283	4.26649	6.67785	5.67176
0.536508	1.18862	0.976332	1.01872	0.710276	1.00233
0	0	0	0	0	0
136.751	129.613	141.79	158.443	143.695	181.192
0	0	0	0	0	0
0	0	0	0	0	0
5.07327	4.80198	5.24822	3.81371	5.65641	3.83989
3.24919	4.10696	4.16199	5.02331	4.42412	3.12171
0.950015	1.39161	1.40686	0.996888	1.29081	0.721622
9.11E-09	9.09E-09	0.376062	0.260003	6.84E-09	0.0643401
23.2157	25.4173	21.9972	23.7648	22.3434	24.0643

8.64784	8.1414	9.62876	8.15858	9.16304	9.17154
22.6586	22.4959	21.3478	20.5288	21.49	15.7527
4.58981	4.16874	5.10692	3.61241	6.7835	4.81302
7.25113	7.94764	8.25485	8.55969	6.05631	6.75714
2.13512	1.56063	2.24946	2.57903	2.73271	2.56154
27.8442	35.3915	32.9407	40.599	30.0362	33.8307
0	0	0	0	0	0
35.2078	35.3102	33.0501	33.1699	31.1138	31.0632
113.417	129.743	106.085	127.375	104.945	122.487
3.16839	3.3937	3.15048	2.69981	2.77958	2.92787
0	0	0	0	0	0
19.2942	19.2117	17.061	16.1736	17.0677	16.9772
0	0	0	0	0	0
0	0	0	0	0	0
0.0279341	0.0348114	0.175964	0.0636496	0.181546	0.140907
0	0	0	0	0	0
1.02845	0.961238	1.02576	0.976411	1.29966	0.75655
0	0	0	0	0.151017	0
11.8915	12.2505	12.1351	12.7801	10.6909	9.86404
20.4577	21.8853	31.0126	24.4914	29.9814	28.4829
0.612446	0.915876	0.462956	0.41865	0.246402	0.38249
80.0508	88.108	68.1259	63.1361	52.8085	68.8605
22.3224	103.861	19.7903	209.864	61.6634	13.2062
19.0541	20.9885	13.483	17.3564	19.2627	19.1652
0.723025	0.450516	0.34159	0.102966	0.195791	0.151964
0.01351	0.0168362	0.0170207	0	0.073169	0.124939
0.355856	0.0969616	0.378275	0.354573	0.0842778	0.299173
3.89539	3.87975	4.69055	4.32937	4.88159	3.73206
25.8293	38.8719	25.7481	27.5444	21.1953	23.3967
109.355	124.661	102.667	122.867	105.869	107.901
9.33587	9.40527	16.9522	13.1999	14.1874	11.7489
0.757155	0.960711	0.936574	1.09773	0.775433	0.821614
0.0261584	0.0325986	0.0329558	0	0	0.0659752
56.9609	54.4728	66.2309	65.279	63.2908	71.5684
1.61017	0	1.52144	1.83444	0.872053	1.69211
0.293213	0	0.24627	0	0.105867	0.0821691
0.0774559	0.0965898	0	0	0	0.091205
0.287474	0.777453	0	0	0	0.0402805
8.79005	8.55324	11.681	7.81943	7.56479	9.617
0.0535858	0.178076	0.202531	0.345947	0.0193477	0.0750838
16.213	14.7451	15.4724	14.5241	15.3239	16.2843
0.125487	0.0781908	0.197619	0.178706	0	0.131873
0.17769	0.110719	0	0.202439	0.0962351	0.149386

14.2879	15.8145	13.9336	13.0246	13.1931	12.1437
0	0	0	0	0	0
0	0	0	0	0	0
7.68362	9.06117	9.98393	9.01495	9.31526	7.01423
6.84929	8.14806	7.8662	6.27432	8.12811	5.90963
166.989	153.493	180.488	162.083	236.976	182.283
0	0	0	0	0	0
0	0	0	0	0	0
0.444905	1.10888	1.12103	0.579283	1.78996	0.69464
48.0246	51.3671	61.6152	53.7362	53.2827	44.7227
1.57787	1.33475	1.57228	1.12761	1.63142	1.65216
0.446004	0.754313	0.240814	0.290357	0.207044	0.214263
6.31215	7.47308	3.50864	4.44154	3.74046	4.29209
2.97007	3.53558	2.51336	2.57579	3.45717	3.61491
5.39347	5.41129	6.93367	6.65909	7.85335	6.67085
0	0	0	0	0	0
11.5254	11.3823	13.1323	12.6644	12.9575	12.5495
0	0	0	0	0	0
7.02738	6.3386	8.00709	5.50312	11.8826	6.71504
0	0	0	0	0	0
2.11699	1.97865	1.85447	2.09153	1.7019	1.65464
3.67528	2.51458	3.08688	2.87356	3.12235	4.30156
0	0	0	0	0	0
0	0	0.0466259	0.0210818	0.0400874	0.0311139
0.128541	0.114419	0.231346	0.188285	0.0994518	0.0926277
0.163551	0.237988	0.304138	0.0649367	0.138915	0.11832
3.98858	3.79177	4.80654	3.68199	5.584	3.89665
1.32731	0.987027	1.4608	1.43924	2.05928	1.36167
0	0.0647134	0	0	0	0.043657
12.9111	14.6307	14.5048	16.387	14.7062	15.1874
0.0216348	0.188791	0.0545685	0.197193	0.164123	0.0545461
0.184763	0.307001	0.155183	1.54364	0.266841	0.517774
0	0	0.0249219	0.112684	0.149989	0.182936
20.325	17.8338	22.6061	21.2979	22.1025	22.6779
1.21E-19	5.94E-32	1.29E-14	8.03E-21	2.04143	3.33E-25
0	0	0	0	0	0
0.772541	1.17572	0.86534	0.928959	0.836117	0.973431
0.314196	0.39155	0.0989602	0.357958	0.170165	0.396222
65.4713	448.746	329.937	410.247	354.586	302.734
4.65572	5.18907	3.61584	3.402	7.36943	6.39743
11.0985	11.9778	10.5554	13.5121	9.9002	13.2946
416.318	424.937	396.045	493.916	374.944	462.167
0.220487	0.146544	0.135804	0.161883	0.238827	0.148293

19.4903	20.5144	21.1707	19.0179	18.585	17.0766
4.88319	4.67754	5.04717	4.10689	5.15251	4.48652
35.9388	38.0928	48.93	51.727	44.4696	46.5578
0.696806	1.195	1.50895	0.703466	2.17052	0.330435
55.5846	59.7437	57.2085	60.4328	52.3379	57.116
173.923	118.092	238.015	159.152	240.066	205.197
0	0	0	0	0	0
13.9988	13.2849	14.2996	10.5281	14.8133	13.2991
17.9942	18.8562	16.9427	16.6944	19.7151	17.642
50.0369	52.9535	43.9325	49.1771	42.3323	45.891
3.20209	3.0375	3.13099	2.64985	3.12332	2.38399
0	0	0	0	0	0
31.9024	28.6792	40.1183	29.4521	44.0383	36.1536
5.09625	4.83142	6.28267	4.54158	6.77317	4.20562
53.2788	66.396	0	0	0	0
1.25862	1.3639	1.99933	1.24689	1.20524	1.11948
27.2915	29.0503	28.5408	24.6214	31.0211	28.088
68.8504	59.42	73.3301	83.1207	72.1452	76.5684
12.5253	11.7822	13.7908	12.9455	15.7601	15.6609
0.470352	0	0.39505	0.535864	3.05686	1.3181
0	0	0	0	0	0
1.31763	1.05111	0.848266	0.705717	2.52895	2.05917
22.1718	28.6583	24.3515	23.8821	20.2577	19.2354
0	0	0	0	0	0
16.7956	16.1511	17.4956	15.0441	15.6973	13.2763
13.6232	18.2221	13.7567	14.7788	14.6506	18.4534
179.131	200.397	200.83	188.933	177.183	183.878
0.153036	0.190713	2.69924	2.96397	0.331531	0.257318
15.7524	14.3519	15.1761	13.6483	13.8365	15.1351
21.6675	22.4572	21.9193	22.7517	25.0342	14.621
0	0	0	0	0	0
15.8749	18.757	17.7825	15.9116	16.012	14.6108
0.0536838	0.0570885	0.0432858	0.176755	0.0581492	0.0144424
0	0	0	0	0	0
15.6516	15.023	16.0806	12.7491	17.5186	13.8372
4.37523	4.54952	4.53076	3.9834	1.66763	2.22471
12.2404	12.8756	10.7782	12.1009	13.4724	13.1308
2.19476	2.16562	1.50458	0.69728	2.35041	0.908723
0	0	0	0	0	0
66.899	68.5354	63.1541	58.687	57.0713	56.2622
0.577873	0.330392	0.64499	0.283356	0.578968	0.151154
1.59078	0.664885	1.53435	0.554216	2.13987	0.597781
13.0276	12.3973	10.6297	8.03066	10.0723	10.3827

156.054	156.938	145.384	143.131	122.263	132.414
0	0	0	0	0	0
2.62653	2.57722	2.64943	2.99236	3.03404	2.6043
1.21471	1.12019	1.04065	1.1348	1.36838	1.26632
28.428	30.5591	17.5886	19.2842	22.0171	21.4064
0.169404	0.168889	0	0.154399	0.220194	0.14242
0	0	0	0	0	0
1.55416	1.54902	1.46808	1.68065	1.34686	1.30587
1.08983	1.20144	1.47865	0.429795	1.08968	0.704797
8.56172	7.60771	8.20874	6.76394	10.2912	9.18601
0	0	0	0	0	0
0	0	0	0	0	0
52.5243	53.0311	30.2892	34.6763	27.5642	45.6532
0.663234	0.20663	0.417789	1.51122	1.796	0.836383
8.38391	9.54782	8.83541	7.16008	9.7554	8.0956
8.18543	8.36035	7.81408	7.78729	8.22646	10.1096
19.2333	15.7147	17.4423	15.5719	17.3735	15.2607
2.24732	2.33692	4.56977	4.70276	4.47219	5.44294
59.6869	52.9837	52.6385	46.4117	52.9456	56.1676
49.5261	49.2213	48.8051	47.7497	54.9751	61.1847
0.359978	0.299249	0.151288	0.957388	0	0.50446
1.36577	1.25809	1.38975	1.78253	1.87424	1.4113
0	0	0	0	0	0
2.73422	1.83254	1.96841	1.93709	2.439	1.98962
5.51962	4.00693	7.32285	3.20159	6.04458	3.12517
35.421	37.0868	32.0945	36.2735	24.9742	29.2286
0	0	0	0.0327942	0.124718	0
0.105089	2.09538	0.0661981	21.6105	0.0569149	0.57427
0	0	0	0	0	0
16.4793	15.967	19.8907	14.9887	20.8364	17.4819
1.39587	1.16647	1.92257	1.41304	1.29459	0.941942
9.61611	6.47151	6.81704	5.94528	9.19153	6.39909
0.65845	1.0619	0.536768	1.10318	0.335633	0.748943
7.15189	6.14916	7.06315	5.07474	8.74502	6.81975
0.0612704	0.0733009	0.0988054	0.0223374	0.0477841	0.0834474
0.245654	0.133934	0.25146	0.27987	0.033261	0.193617
34.4476	34.8216	38.1243	35.9851	39.9822	37.4259
71.2143	63.4473	79.5228	53.3871	67.3799	70.2038
0.503539	0.352357	0.293031	0.506806	0.16474	0.309252
22.4735	22.1493	26.0288	22.0037	26.1577	20.6164
0	0	0	0	0	0
15.2758	12.5127	18.6629	14.0472	15.3512	13.4986
0	0	0	0	0	0

0	0	0	0	0	0
35.6254	36.1317	34.1342	33.8821	38.4848	46.5476
26.5142	31.4457	19.2472	21.4831	24.4078	26.4236
1.42781	1.64931	1.26331	1.51454	1.46593	1.23826
3.58495	3.30275	4.68047	5.16262	4.85713	4.28711
0.526857	0.562773	0.758586	0.600239	0.815258	0.632764
0.0300778	0	0	0	0	0
0	0	0	0	0	0
0.227153	0.339694	0.152629	0.172528	0.164032	0.0891195
3.46505	3.72296	3.17465	2.63613	3.05559	3.61193
0	0	0	0	0	0
3.12677	3.18811	1.16388	1.01201	1.42402	0.806537
1.25191	1.01747	1.50864	0.434084	1.59187	1.23553
14.791	13.5558	14.8115	14.2819	17.4762	16.1292
2.79118	1.7316	3.40222	2.27399	0.0211918	0
6.40798	5.8443	4.95863	4.97903	4.93257	6.35277
9.83019	9.00751	9.82753	13.8726	14.6319	12.0078
0	0	0	0	0	0
0	0	0	0	0	0
0.654959	0.326483	1.37525	0.746183	1.74995	0.991137
7.9262	7.25294	8.79079	7.89454	11.6679	10.2455
0	0.0400741	0.253224	0.334982	0.156752	0
14.9867	14.65	18.8523	16.0224	21.2514	15.2919
33.3	32.6213	32.006	34.0453	38.1399	41.3525
30.7683	33.0978	42.2548	39.2307	30.1904	40.2494
3.06872	4.58861	3.32307	5.39345	3.08005	3.61531
277.939	292.285	291.779	294.313	302.383	250.273
7.76829	7.24043	8.61053	8.39225	8.63043	7.41852
41.0479	48.8033	37.3314	42.6086	41.6619	57.3635
41.9679	41.3629	42.2513	38.6013	40.5609	34.0422
102.16	104.038	88.2456	96.0985	71.6729	83.2877
7.57176	8.18967	5.17963	2.83929	2.20084	1.93506
88.0226	97.6027	77.06	90.7242	76.9151	103.023
10.1758	10.3195	6.80643	9.43245	12.6781	12.7205
2.87769	2.65241	2.02479	1.95473	2.4113	2.3554
3.87749	5.73814	5.19038	2.76097	2.75626	3.36172
0.11647	0.099644	0.0952599	0.254769	0.055987	0.167182
19.2014	18.1024	19.0037	16.0452	19.1522	19.8038
1.83152	1.47719	2.14032	1.43334	2.89235	1.81319
65.5694	60.4127	35.5641	31.957	28.5132	38.4523
0	0	0	0	0	0
0.139091	0.305838	0.887504	0.763238	1.59127	1.21124
0	0	0	0	0	0



247.991	259.856	239.489	282.519	231.955	267.159
10.423	9.96756	12.9034	9.28434	11.8676	7.90003
15.2982	15.9357	16.2044	15.5575	17.3593	16.5731
0.265557	0.318576	0.644179	0.585312	0.287985	0.438938
0	0	0	0	0	0
23.7315	21.2025	31.5967	20.757	32.332	46.8827
69.3512	52.5069	62.6058	49.4583	74.6442	63.1918
18.7099	22.8775	20.3257	22.2067	24.5057	24.5489
11.6279	14.3245	13.6231	11.2899	13.4134	10.1867
0	0	0.0476912	0.172625	0	0.0318247
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
102.282	117.524	106.808	107.248	109.529	155.939
2.34979	2.11974	1.7674	1.57828	1.99441	2.09344
0	0	0	0	0.0484714	0
0.0867057	0	0	0	0	0
0	0	0	0	0	0
4.40311	5.51229	3.43522	9.80261	2.82222	3.90549
13.9926	47.6528	5.50897	157.492	8.75421	42.9226
71.9004	56.5109	39.0221	49.6802	47.2337	59.5112
4.51876	7.44016	3.01138	2.72319	3.82064	2.78026
7.43123	6.99429	6.90982	5.41485	7.69537	6.33115
2.31272	1.85376	3.28768	2.31606	3.60505	2.67974
0	0	0	0	0.0395605	0
8.21771	7.38857	9.43245	9.28375	11.2759	10.6297
12.7757	13.4286	13.8852	13.0513	15.0821	18.3826
9.57792	14.898	7.30274	11.7308	12.484	12.7829
3.93413	3.79215	4.53388	3.91889	4.96617	3.51658
2.96017	2.43139	1.73251	1.5667	2.89402	1.69237
5.55678	4.22955	5.86888	5.19349	6.59567	5.90251
10.2943	11.3255	10.0118	8.68202	6.12135	5.32026
9.88426	8.90838	8.67244	7.84246	7.32881	8.0625
0	0.0895824	0	0	0	0
0.602878	0.533185	0.808541	0.443128	0.969005	0.555897
79.5813	73.2853	81.71	77.7654	65.5779	75.4264
8.6583	10.7218	11.2063	9.35798	8.06671	8.31341
0.339502	0.601669	0.584967	0.617791	0.110017	0.213475
9.40351	10.2004	9.72842	8.68009	8.90319	8.1509
10.1868	9.22077	11.9255	8.58406	9.47188	9.47556
0.00823331	0.0102603	0.0103728	0	0.0356729	0.0276876
0.49117	0.693707	0.618802	0.373054	0.602961	0.660691
3.41819	2.74517	2.39246	2.33657	4.27847	5.74744

19.5331	19.7402	19.2073	16.9759	19.3293	17.5066
13.9308	14.3321	13.4379	17.4962	16.0626	12.2399
36.0329	37.5725	42.2758	54.9032	32.0773	38.7824
3.42604	2.77708	3.0558	2.90152	3.92449	2.84208
38.4957	36.8333	29.1984	30.5305	22.8059	26.8623
39.6891	40.2844	39.7242	39.3404	47.4248	46.1685
0.012395	0	0	0	0	0
5.82392	6.0798	6.22325	4.82868	6.6056	6.15234
0.191601	1.00344	0.579334	55.2704	0.207538	0.419482
20.3751	21.3956	21.026	20.4409	21.8704	22.6202
0.0992764	0	0	0	0.149353	0
10.2194	8.70218	10.6379	9.26569	10.5958	9.24153
26.3465	30.6602	21.9584	24.1027	17.7374	24.3373
1.0701	0.35226	0.839427	0.207025	1.77147	0.678978
15.8328	16.6047	17.2185	13.7953	18.8237	15.253
8.04039	7.74492	9.41628	8.85547	8.32165	8.41149
0.129361	0.0806048	0.20372	0	0.0350303	0
0	0	0	0	0	0
2.76554	2.7794	1.76045	1.32144	2.85056	2.74594
0.176785	0.0881237	0.133634	0	0.076596	0.0594502
3.31036	2.06268	4.17057	3.77143	4.03393	2.43518
7.07239	4.8938	6.98964	4.97173	8.52147	5.46985
5.7002	7.10358	3.23868	4.45676	5.20582	6.57757
6.3948	4.86171	8.86724	5.74286	9.25015	5.22967
19.7745	18.3127	17.6356	15.2914	12.626	13.004
0.0740084	0.276687	0.466199	0.421582	0.0801643	0.0622197
0	0	0	0	0	0
25.1089	29.9125	19.9969	22.3741	23.4093	24.9795
0	0	0	0	0	0
0.488016	0.649375	0.757301	0.272753	0.974813	0.267256
0	0.151963	0	0.416775	0	0.205034
0	0	0	0	0	0.0389837
0	0	0	0	0	0
8.60224	9.69719	8.27295	8.32284	9.56672	7.85308
0	0	0	0	0	0
5.67981	11.7196	19.8629	17.1006	33.1161	50.2591
0	0	0	0.0665381	0.0632614	0
53.848	53.5067	44.6696	61.961	36.2642	52.3805
0	0	0	0	0	0
20.9643	22.4781	24.1338	21.894	28.2192	28.8596
0.1705	0.394748	0.047937	0.452695	0.0412146	0.143341
8.50145	7.91559	12.0382	7.10922	14.0493	13.9867
40.4773	36.7095	36.9332	47.8642	42.2914	56.2326

29.5769	30.5301	31.3089	30.8572	33.9896	30.7362
0	0	0	0	0	0
0	0.0315251	0.0318705	0	0	0.0638025
2.53167	1.88824	3.94353	2.89511	6.13791	3.25051
0.00276953	0.0172569	0.00348921	0.00631056	0.0059998	0.00465676
333.852	351.34	275.038	373.699	267.071	395.681
7.78387	7.48484	5.87699	6.40812	8.17271	8.63037
3.84649	5.54675	6.29982	12.3329	5.59493	9.83996
8.87562	8.35089	8.02307	7.15412	8.50829	8.1334
1.31322	1.92986	1.35642	2.01056	1.9784	1.69537
0	0	0	0	0	0
30.9085	33.1379	22.8658	27.5333	22.1803	23.7141
22.644	17.9347	22.4421	18.1159	22.3473	19.0371
13.3176	7.73476	13.7342	7.74422	14.7463	10.3958
6.46709	6.10224	7.69581	5.72663	8.92035	6.37777
22.406	21.1585	26.1021	22.398	22.828	24.4253
37.094	39.5136	45.3919	41.2339	42.963	40.6771
6.87347	6.68577	7.83076	5.18178	8.18235	6.03607
0.874571	1.25981	1.23536	0.880648	1.06825	1.00365
4.53078	4.13642	4.46173	3.87138	4.96201	3.791
8.50815	6.93	7.27363	10.0324	7.71374	5.77657
0.097572	0	0	0.111162	0	0
0	0	0	0	0	0
12.2322	36.1582	43.479	28.1134	51.338	53.5578
0	0	0	0	0	0
24.5224	25.5315	30.1256	26.123	28.1427	27.3382
3.87642	3.12981	3.78317	3.1412	3.8736	2.93765
0.462467	0.211776	0.653617	0.514089	0.830552	0.815165
0.23716	0.176357	0.0570525	0	0.204259	0.152004
25.5981	24.5995	28.7357	22.4763	23.1475	19.9322
11.2606	12.4874	12.26	13.5314	12.0883	12.5843
9.88995	11.0392	10.936	10.9432	12.2154	9.86985
8.20137	8.63067	8.72524	10.4857	8.63679	9.88282
5.75275	5.87863	4.05867	4.36934	6.04432	6.48078
8.41383	8.05003	8.13237	7.48815	7.82364	7.35391
4.58396	3.94622	3.15315	3.09666	4.51828	3.6577
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0559504	0.141409	0.127875	0.145894	0.0188727
0.453229	1.27083	0.428252	0.903624	0.490929	0.476294
14.9919	13.8374	15.0767	14.3877	17.174	16.0051
5.0162	6.46098	5.02366	5.99726	4.08262	5.56398
2.60012	2.76946	3.02379	2.02549	5.36801	3.15749

0.343338	0.130221	0.620624	0.0850346	0.371897	0.0627497
4.44612	2.97555	3.42216	3.10505	5.17399	4.634
181.592	189.338	197.968	180.414	162.071	183.99
0	0	0	0	0	0
0.0748719	0	0	0	0.0540665	0.0209819
0.500089	0.155803	0.0525033	0	0.361124	0.350359
213.924	212.61	199.869	187.712	145.067	168.743
4.31311	3.77014	4.85876	2.6083	3.74193	3.66046
0	0	0	0	0.0142691	0
0	0	0	0	0	0
19.1499	20.1357	19.3385	19.2945	16.9507	16.2756
0	0	0	0	0	0
30.2637	32.3762	32.0036	32.8098	29.2968	31.3517
88.2985	89.1317	70.6957	64.0049	88.6163	91.2333
31.9354	34.7869	30.1022	32.0205	28.3697	29.1596
7.59448	4.51492	6.83994	3.82673	9.87371	5.41684
2.22863	2.10295	2.74496	2.04421	3.20068	2.58598
21.5697	22.8175	22.6782	21.7396	23.3838	23.1635
37.6623	39.0038	43.149	38.8074	46.8139	47.3631
0	0	0	0	0	0
0	0	0	0	0	0
0.0688844	0.109717	0.0492976	0.0780144	0.0635766	0.106914
4.98356	4.9571	5.69738	4.75582	5.29979	4.57121
5.79402	6.6064	8.34635	7.95872	6.76524	7.24332
0.0231915	0.0433518	0.014609	0	0.0251206	0.00974869
1.18948	1.2931	1.02031	0.980326	1.0417	0.893628
86.3243	87.6495	89.2105	103.384	100.014	112.686
22.8608	25.6148	19.1175	23.2924	21.4435	21.9712
2.49773	2.57768	2.13883	2.28984	1.54298	2.11628
0.394783	0.286987	0.186513	0.262366	0.605796	0.580823
0.205685	0.256324	0.345284	0.277728	0.44519	0.349588
0	0	0	0	0	0
0	0	0	2.7462	0	0
1.04908	1.04589	1.44185	1.62982	1.77683	1.50738
4.06327	4.18628	5.47393	3.39934	3.68224	3.11164
22.3413	25.8622	18.6923	22.8567	19.4356	24.9543
23.6094	24.6704	18.7601	17.6336	16.2486	14.6832
219.9	282.441	148.833	263.989	195.829	204.222
8.04581	7.41363	8.70858	7.81418	10.532	8.504
20.1012	17.308	26.5973	16.9581	30.3506	17.5135
0.016775	0	0.0422681	0.0955572	0.0545109	0.0564117
53.6702	61.0026	57.8989	58.7738	57.3888	57.993
9.04556	9.62916	11.9792	8.65861	12.691	8.54773

0.833588	0.924546	0.724637	0.550821	0.776515	0.700807
1.71612	1.83066	1.66046	1.26693	1.85887	1.13113
11.0304	11.1242	12.8573	10.7485	10.3776	8.69188
0.842339	2.15185	1.96207	1.06468	2.1458	4.03944
6.22641	6.70885	5.18935	4.73637	4.57576	3.73671
0	0	0	0	0	0
21.5285	22.1472	18.0211	22.4968	14.9984	11.6208
36.9973	33.6236	44.7628	33.7542	43.7834	34.2301
17.3025	21.4224	14.5631	22.8522	15.3845	19.5723
7.53012	7.30204	5.76532	6.59282	5.21909	5.41465
0	0	0	0	0	0
0.111692	0.463967	0.422146	0.254497	0.201637	0.187801
0	0	0	0	0	0
323.459	347.418	297.729	317.277	261.739	309.189
13.0066	14.6384	14.2867	15.1422	9.81779	13.9531
0	0	0	0	0.0598362	0.185768
195.292	214.291	199.997	204.667	146.344	177.722
13.2327	11.5662	13.7513	10.2395	16.3436	7.4375
1.7232	2.03629	3.44449	2.75184	0.817134	1.91828
45.0793	48.0124	48.4285	50.7609	47.6935	50.1644
1.48804	1.05058	1.10037	0.797386	2.73946	1.44052
0	0	0	0	0	0
0	0	0	0	0	0
1.09284	0.151322	0.15298	0.553358	0.657635	0.714595
1.36309	1.34049	2.07942	1.11986	2.18954	1.68383
1.38175	1.03316	0	0	1.19735	0.232332
0	0	0	0	0	0
212.783	186.887	170.814	167.683	145.049	159.298
0	0.0478819	0	0.0875479	0	0.0323022
5.41159	4.89549	5.87733	4.58212	6.14017	5.45303
1.96344	2.24047	5.51355	5.33625	5.3297	2.02855
0.188203	0.429987	0.019759	0.214416	0.152893	0.145039
2.0151	1.78605	1.5341	1.97657	1.78586	1.56728
34.0336	38.508	40.2063	38.4505	39.7121	41.5493
0.483433	0.3919	1.20014	0.159234	0.78568	0.367744
0	0.058876	0.0595212	0.215299	0	0.079438
8.08103	7.92952	8.99817	6.46003	9.92525	7.39792
4.44755	5.54253	4.576	5.02479	5.17881	4.86084
47.6435	48.6879	53.4538	45.7594	48.8843	44.5196
7.49399	7.29227	6.95378	7.62153	6.43268	6.57416
23.9141	30.1711	25.103	35.6924	20.5612	22.9611
0	0	0	0.0326079	0	0
56.9718	43.5222	53.462	43.3411	54.0211	42.5928

12.8383	14.887	14.9051	15.8071	15.1534	12.9471
149.689	126.282	110.399	85.2738	68.5158	72.8629
0	0	0	127.279	40.337	31.3077
1.99664	1.76169	2.31906	1.79053	2.50101	1.48017
0	0	0	0	0	0
0.973286	0.396875	0.776563	0.257237	1.496	0.612253
32.7863	30.2003	33.7782	31.6693	28.1525	28.1325
8.92207	9.38642	1.24216	1.50998	2.34602	2.18776
0	0	0	0	0	0
0.0313376	0.0781057	0.0394808	0.0357024	0.0678884	0
0.147928	0	0	0.168532	0	0
248.202	265.895	269.41	309.173	248.686	274.77
11.4129	8.23639	13.0884	9.27213	13.2671	12.1607
0	0.0693381	0.140196	0	0	0.0935539
1.28344	1.04962	1.21271	1.37081	1.3902	1.21388
27.7605	25.8509	29.0572	26.8839	23.8439	28.8267
0.491859	0.780123	0.563337	0.305654	0.629639	0.71477
3.9365	3.02402	2.06615	3.43704	2.91259	3.14355
14.9566	13.4088	19.4254	14.5182	22.8474	19.1072
8.75138	9.43662	9.07569	9.94408	11.9394	11.3247
0.331158	0.157215	0.218539	0.143727	0.546596	0.291666
0.236044	0.196105	0.495635	0.448201	1.06532	0.39689
20.0295	20.9332	24.4045	26.0801	33.2798	31.9244
4.59713	3.85687	5.01375	4.26926	6.07582	4.11572
1.78848	1.56079	2.63728	1.95738	1.9965	1.70771
1.64131	1.16669	1.74918	2.04153	1.97789	2.41519
4.99665	4.03501	4.66986	4.20627	5.68124	4.71743
14.1459	14.1017	12.5382	11.0647	13.0436	11.2347
8.8644	6.80114	7.94939	5.09674	6.30381	5.65381
34.2079	36.8005	31.4005	35.5553	38.4457	42.5681
0	0.073077	0.0246259	0.200422	0.105863	0.0985986
0.157743	0.196579	0.397467	0.359428	0.085432	0.0663083
0	0	0	0	0	0
1.34183	1.38793	1.67675	0.912136	3.58877	3.23457
10.5389	11.7186	11.9707	13.9961	11.3256	10.9223
2.696	3.10205	3.99583	2.14691	2.27012	2.18024
172.814	184.521	155.865	160.338	139.903	142.329
12.7867	11.8382	18.7391	12.7911	19.8596	20.1814
1.3187	1.54348	1.13345	1.57792	1.58921	1.35048
0	0	0	0	0	0
0.683482	0.681403	0.344435	0.311472	0.740334	0.919378
3.39198	3.9398	4.23191	3.60179	4.74425	5.64798
35.6287	26.597	38.0554	16.8701	33.5847	32.7297

11.9723	12.1728	12.7897	13.3895	19.3739	14.2392
29.4564	30.1436	37.0514	41.2512	29.3809	29.1535
9.64015	9.95732	13.0945	11.0273	13.3551	9.63376
17.493	18.1829	14.8277	13.7513	11.5527	13.2987
0	0	0	0	0	0
0	0.214662	0.217014	0	0.186581	0
0	0	0	0	0	0
1.51968	0.315638	0	0	0.823044	0.425872
0.699214	0.541825	0.748918	0.913634	0.746049	0.682646
0.691684	0.430988	0.396101	0.859662	0.88544	0.872261
0	0	0	0	0	0
0.60719	1.16941	0.591114	0.59743	0.418533	0.324846
0	0	0	0	0	0
0.157584	2.54E-08	2.10E-08	7.53E-08	0.679285	0.292701
0.703914	0.701774	0.354732	0.481175	0.0762466	0.236716
0.0325228	0	0	0	0.0704561	0.0273423
0	0	0	0	0	0
24.2636	26.9547	25.671	24.0445	24.0361	26.1947
36.8634	36.7055	31.8749	34.2249	36.6895	41.0319
25.6448	25.5578	28.0084	22.7908	27.6786	23.3027
0.750358	1.12627	1.27356	1.41636	1.21891	1.17349
0.387217	0.529546	0.301132	0.355824	0.542288	0.357243
0.335452	0.35832	0.21131	0.327578	0.285493	0.463316
387.813	180.279	378.172	282.232	286.068	283.955
28.8001	30.1207	30.7071	31.6619	28.9637	32.7688
0.326225	0	0	0	0	0
0	0	0	0	0	0
0.599859	0.815502	0.824438	0.745537	0.590686	1.192
0	0	0	0	0	0
20.336	18.8446	14.8905	16.0397	16.5677	23.5263
9.67272	10.3852	12.6814	12.746	8.57421	7.30946
28.1564	38.4668	34.3515	44.3347	31.5183	40.6145
11.2551	11.9455	8.63118	10.2976	9.91518	11.4951
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
410.954	401.318	446.348	477.655	376.658	327.584
16.2184	11.1382	16.4108	11.1275	20.2102	14.6287
0.691741	0.828917	0.536644	0.742657	0.461412	0.492159
12.0111	11.2091	10.7791	10.3724	10.0398	9.82122
41.8905	41.4754	39.8731	49.8728	41.516	48.3739
21.1412	18.1198	15.6355	13.6851	15.3666	14.8686
0.115705	0.623758	0.240319	0.625934	0.384602	7.80E-77

0.368929	0.81735	0.774662	0.700525	0.266411	0.482476
0	0	0	0	0	0
11.0236	11.5141	3.49166	3.01945	9.64664	9.47992
53.709	60.0162	52.025	56.708	52.3707	48.7556
0.0495032	0.033313	0.415871	0.796914	0.112671	0.0679829
11.0756	13.1298	10.9061	12.8951	8.76263	8.22385
0.0850392	0	0.0714246	0.161473	0.0614085	0.0238312
0.0842009	0.0524655	0.265202	0.239822	0.0456024	0.141577
0	0	0	0	0	0
0	0	0	0	0	0
0.275311	0.076981	0.316243	0.225207	0.242864	0.279287
0	0	0	0	0	0
0	0	0	0	0	0
30.019	31.584	24.5965	27.5098	25.904	30.4234
10.092	9.54082	11.4555	10.3756	21.5719	10.7795
0.00399263	0	0	0	0	0.00335665
13.6331	15.2056	13.5311	12.4891	13.6026	13.8024
8.83501	8.53235	9.88922	6.90408	10.8621	6.85354
8.87868	9.59658	12.4018	11.5974	9.71898	8.28041
0.46423	0.454553	0.125327	0.0755555	0.14367	0.195142
11.6709	11.6333	13.7759	11.3672	15.5306	13.448
0	0	0	0	0	0
0	0	0	0	0	0
16.4652	15.248	15.1556	13.7051	18.7421	14.5814
0	0	0	0	0	0
41.3653	47.8673	45.8351	41.8225	43.7393	44.0601
13.1639	14.5202	14.7227	14.2534	13.9052	15.9071
12.8849	13.5763	12.9053	12.8655	15.5441	13.4922
32.7319	33.7448	33.7397	30.1153	27.3161	38.4628
0.990312	1.13357	0.946704	0.992947	0.82659	1.10203
0.879944	0.913821	0.519657	0.375939	0.754567	0.593365
0	0	0	0	0	0
0	3.41E-11	7.44E-11	3.12E-10	0.211564	0.15625
0.526263	0.457554	0.43173	0.320696	0.55678	0.401279
3.5292	2.86832	3.4797	1.5788	3.15793	2.06403
18.4158	18.0843	17.9777	18.619	14.7455	16.6734
3.11205	2.88344	5.60098	3.50085	4.41381	3.30345
0.0709094	0	0.0297785	0	0	0.0198715
0.463546	0.273633	0.245895	0.111181	0.132133	0.266643
304.02	359.492	321.385	326.922	316.134	334.369
8.04859	8.94296	7.53413	7.6467	8.55042	9.96055
40.6165	39.8148	35.2466	33.0048	28.4864	29.918
2.67016	2.11011	3.96834	2.91161	3.45635	2.99659



103.521	95.0411	95.8444	70.1714	111.855	93.4277
35.8078	39.9816	46.6265	48.7353	38.0054	38.2867
21.9918	22.3066	21.3625	21.663	23.2902	24.9057
4.9524	4.74744	4.55949	2.82109	3.71377	6.08626
115.64	110.769	107.175	113.12	93.2403	116.583
0.874855	0.761998	0.888863	0.835948	0.723456	0.300527
10.13	13.6355	11.0852	13.5014	13.1178	17.5514
4.5435	4.59014	4.23304	4.85924	3.73371	2.77302
0	0.0893854	0	0	0	0
0	0	0	0	0	0
7.26513	8.71828	6.52561	7.58712	6.19341	6.33397
1.84833	0.460676	0.465724	0.421153	0.400414	0.310782
0.196062	0.170136	0.117831	0.169881	0.337456	0.364843
0	0	0	0	0	0
0	0	0	0	0	0
15.0039	15.5164	15.5004	12.7694	15.8521	11.9054
0	0	0	0	0	0
12.7252	12.461	16.0554	11.8948	17.4256	13.3346
1.77529	1.08046	1.4564	0.987762	1.7888	0.902448
1.18397	1.04151	1.53551	1.30921	1.43333	1.05393
0.700313	0.733599	1.09967	0.728476	1.16536	0.665557
9.70049	10.012	8.82317	9.27655	10.6835	9.30572
0	0	0	0	0	0
0.0510359	0.0814092	0.106571	0.0624189	0.120153	0.0617242
3.6691	3.56257	3.51653	3.02611	3.68171	3.72808
0.588726	0.533578	0.539425	0.12195	1.33336	0.539944
27.4687	25.3404	36.8619	33.0588	40.5776	34.8918
0.223591	0.0934906	0.0632205	0.0284169	0.0269753	0.0834559
1.90299	1.95695	1.76438	1.72724	1.24975	1.17994
0.451065	0.560578	0.174537	0.207083	0.230725	0.155293
3.13175	2.8297	2.83605	3.12208	1.54066	1.56331
16.9521	16.5683	15.8991	16.8354	13.945	13.9274
46.1497	41.9657	43.318	37.7944	36.9065	37.6365
0.2164	0	0.272633	0	0.937602	0.272896
0.0675221	0.0373982	0.02363	0.0128211	0.142214	0.0599204
27.8337	28.1814	26.2517	26.5274	26.4324	29.7154
9.96539	8.73188	8.67761	9.95264	11.9281	12.6735
0	0	0	0.0545858	0.0518977	0
0	0	0	0	0.486652	0
0	0	0	0	0	0
13.7984	14.3941	15.876	16.9934	14.2451	15.1539
36.0466	33.1371	26.4498	30.608	25.2452	29.514
7.4687	6.80692	8.5481	6.92353	7.69641	6.05776

0	0	0.0387846	0.105218	0.100037	0.0258813
136.044	131.257	118.003	107.335	103.785	132.549
93.7867	85.4356	82.9313	89.8665	65.5123	82.9053
45.4716	121.45	41.9241	157.325	43.2091	20.3306
5.39434	5.38507	7.15662	5.70554	7.03645	5.38918
0	0	0	0.191661	0	0
8.86059	10.2678	4.70608	3.66271	6.63256	5.11149
13.6639	15.9186	15.6445	16.784	9.20823	13.5827
0	0	0	0	0	46.3455
1.29324	1.27866	2.35642	0.706244	2.11859	1.49159
167.454	177.527	154.871	168.869	129.308	184.06
45.0872	48.1883	47.2886	56.4674	53.2961	70.4852
3.22253	6.924	2.65995	3.54478	2.88876	2.6158
24.1744	23.3924	23.944	23.9764	21.9483	21.7891
8.72283	9.26022	9.2472	8.09256	7.68171	6.47217
73.065	74.2954	62.7001	65.3978	52.9885	58.0456
0	0	0	0	0	0
0	0	0	0	0	0
4.40618	4.32205	3.68135	2.84871	3.0852	3.25591
0	0	0	0	0	0.0341708
0	0	0	0	0	0
0.116949	0	0.0174461	0.310539	0.0599983	0.0797505
0.252516	21.9934	0.318134	152.347	1.00291	13.0444
0	0	0	0	0	0
0	0	0	0	0	0
28.3376	28.1028	26.0733	31.0263	26.2448	33.0896
0	0	0	0	0	0
0	0	0	0.0253675	0	0
0	0	0	0	0	0
8.11899	6.80084	8.03805	8.35851	8.25312	7.21768
0.510819	0.489588	0.677986	0.512337	0.473468	0.378069
0	0	0	0	0	0
23.8556	22.0027	23.0928	20.8828	19.7084	20.509
2.02616	1.76169	2.25586	2.79148	0.969714	1.22808
1.86474	1.96237	2.02425	2.68093	2.27792	2.68247
14.5701	12.5854	26.0615	16.0237	21.57	18.7157
0	0	0	0	0	0
18.999	17.8868	20.7906	21.2352	20.8255	22.1215
0	0	0	0	0	0
13.9249	10.9313	21.6957	12.467	19.201	16.9774
0	0	0	0	0	0
7.61555	7.34604	8.74248	6.14141	8.1246	5.35118
0.0656759	0.0818452	0.165484	0.149647	0.106708	0.0276073

77.9322	78.1169	87.2168	75.921	88.9575	66.2869
11.1304	9.20025	15.0649	12.2951	15.559	17.2396
16.1073	11.6039	10.8682	9.25791	14.1232	10.4302
0	0	0	0	0	0
0	0	0	0	0	0
6.5364	7.23292	7.12935	6.63541	6.23105	5.84722
0.767834	0.521931	0.857431	0.43739	0.793897	0.381448
0	0	0	0	0	0
39.8276	35.4186	31.8495	17.9836	46.2881	46.8552
2.7002	3.24565	1.25458	0.850888	2.50993	1.35239
14.7372	14.2366	17.6315	14.7169	16.1493	11.6287
4.57663	5.68831	4.95745	4.57956	4.51142	4.59069
8.53842	10.0663	11.4743	13.4952	14.2106	16.3393
16.9178	16.2486	17.7851	17.0855	18.9426	16.4424
0.68057	1.06016	0.535887	0.678441	0.36859	0.679444
1.99089	1.24052	1.67215	1.13409	1.07825	2.51065
0	0	0	0	0	0
1.30386	1.35597	1.78815	2.12145	2.16276	1.99155
1.90463	1.02854	0.479912	1.88059	1.1003	2.29512
0.0236851	0.0590326	0.149199	0.026984	0.102621	0.0796492
0	0	0	0	0	0
7.20564	6.31739	8.62504	6.77946	10.1572	7.77683
23.886	22.2549	23.6646	23.8789	19.8855	21.1116
0.200717	0.230893	0.369586	0.175903	0.0836204	0.181726
2.95224	3.27589	4.8968	4.70149	4.29866	3.24573
20.3272	18.9397	10.8047	13.8129	15.9689	19.3651
18.1215	19.0648	18.8209	19.5935	18.885	18.2634
0.521317	0.385738	2.36031	1.28066	1.42935	1.28744
149.121	109.685	249.489	212.165	281.178	252.013
0	0	0	0	0	0
0	0	0	0	0	0
11.4702	13.0069	13.231	14.0458	10.6766	9.4839
23.9811	25.2692	27.2512	26.7802	23.121	19.5623
20.3825	20.9813	18.5551	21.6896	22.6821	25.3001
48.1499	43.2798	26.1191	25.1265	21.3709	24.857
22.6411	22.2976	23.7604	17.6299	26.2675	19.3079
50.8107	48.0819	49.2838	43.2897	52.8017	44.1385
60.1597	57.3688	57.944	49.2988	46.7539	47.1253
0	0	0	0	0	0
1.40776	2.06393	2.2952	1.41515	1.97334	1.63604
48.9375	51.8063	52.8007	49.2908	41.9112	48.4028
26.6003	26.9027	26.1928	25.1138	24.2472	29.3068
8.23254	9.20716	8.04485	7.84609	9.20312	9.41588

8.21788	9.22965	10.0657	11.3853	7.88492	7.16476
3.01571	10.2341	13.1582	12.1707	34.7879	42.7427
0	0	0	0	0	0
162.219	179.384	224.034	282.803	178.217	194.909
0.0694056	0	0.0349764	0.0158145	0.0150357	0
0.301249	0.375416	0.0813277	0.122574	0.233076	0.144722
370.044	301.853	340.209	328.415	379.782	559.295
8.94322	7.89718	9.15619	7.08137	6.39808	7.66661
1.30788	1.3347	1.90722	1.53697	1.77362	1.65365
45.3081	49.99	44.5504	52.6563	37.9306	47.4837
20.8634	19.8053	24.1577	20.514	32.1013	24.9652
13.7734	15.3007	16.771	13.4201	26.0783	21.2187
13.1118	14.5398	18.0736	16.3816	15.5147	15.012
0.453648	0.590578	4.12E-20	1.66463	7.66E-19	0.162984
45.9878	44.5003	40.3423	39.137	39.3138	38.8874
1.71851	2.62192	2.42886	1.93261	1.37253	2.25038
9.73909	10.206	10.4108	9.5195	10.9488	11.2737
20.1036	18.2783	22.076	17.6899	18.4494	20.6246
0	0	0	0	0	0
0	0	0	0	0.092225	0
0.900578	1.23948	0.846666	1.4394	0.553329	0.711885
1.43322	1.57089	1.78389	1.49513	2.18837	1.64044
53.5319	55.3444	53.2004	57.9897	56.2354	68.27
19.2245	23.4015	18.6982	19.271	12.9206	14.3089
3.29183	2.7401	3.90842	2.5626	4.85913	3.42615
0.589762	0.821273	1.13577	0.652182	0.545069	0.452158
0	0	0.0832895	0	0	0
0.0406711	0.108126	0.491901	0.130513	0.0719551	0.0923203
0	0.790523	0	7.22701	0	0
3.77072	4.84904	4.39679	3.63325	5.67032	4.70455
0.567526	0.544402	0.467133	0.152073	0.211806	0.256502
0.234473	2.54212	0.249246	0.200348	0.0476205	0
10.4243	8.91487	9.94828	10.0205	14.2835	14.8656
0.214601	0.267435	0.135183	0.183368	0.290564	0.0902087
40.6534	41.4252	38.8299	43.0413	40.8398	42.444
45.5501	46.0309	34.4837	33.914	45.3065	43.4027
8.60268	9.3942	11.6694	13.4118	14.7796	12.4515
11.1203	11.2415	9.36475	7.13974	10.291	9.88297
0.631722	0.980821	1.41456	1.5139	1.20034	2.32195
11.5144	11.7947	9.89974	9.55193	11.2819	11.6365
0.928246	0.905172	0.577358	0.773085	0.605957	0.503737
16.5472	16.4173	13.6297	18.5958	13.3081	12.5681
0	0	0	0	0	0

0	0	0	0	0	0
26.9119	18.7968	26.6039	18.2695	26.9577	26.2291
2.70948	2.83329	2.55171	1.60456	2.03406	1.33629
9.48652	9.20554	10.7256	8.61953	12.0813	9.30695
0	0.0524272	0	0.287576	0.182276	0.212211
9.64136	10.4786	9.04014	9.46723	9.8023	10.0335
0.545289	0.536477	0.723141	0.359664	0.0621732	0.0482559
0	0	0	0	0	0
0.460899	0.191499	0.357491	0.323098	0.522938	0.447148
9.09022	9.81473	13.0288	7.42134	8.5707	7.48755
41.8551	43.8473	46.9067	49.7467	39.5646	45.4344
29.8308	26.0936	29.1941	28.4961	25.788	28.7066
0.397791	0.571094	0.414097	0.384307	0.627423	0.47971
2.20513	1.61649	1.08947	1.13298	2.76323	1.01782
1.5008	0.997493	2.22694	1.63385	1.62564	1.20567
0.552215	0.346768	0.826437	0.689707	1.08012	0.842743
14.3705	13.7547	16.2435	14.643	13.8212	14.7706
0	0	0	0	0.0389676	0
0	0	0	0	0	0
37.5607	32.481	29.8646	24.8306	37.5616	32.05
0	0	0	0	0	0
0.709021	1.14589	0.837434	1.37574	1.056	1.24805
0.569037	0.567306	0.430142	0.388976	0.431458	0.526236
0	0	0	0	0	0
170.52	178.798	84.0803	94.2589	56.8568	84.0983
35.7613	31.331	40.3211	36.8738	43.0399	36.5639
47.9103	49.4507	47.7225	44.8669	46.7761	46.5179
0	0	0	0	0	0
9.35549	9.4346	9.41444	7.41853	9.00773	7.55199
0.331023	0.51565	0.299748	0.259276	0.302532	0.469663
56.8908	49.8157	47.6091	48.6475	42.3718	60.0155
0.533274	0.332283	1.41088	0.789814	0.433223	0.145707
15.3489	15.1124	14.1272	16.1725	12.5316	15.188
0.276012	0	0.173868	0.157228	0	0
0	0	0	0	0	0
1.2693	1.5818	1.79903	1.80762	1.63267	0.90038
0	0	0	0	0	0
0	0	0	0	0	0
3.11796	3.07419	2.06807	2.01642	2.52305	1.88888
23.9174	24.1285	20.525	18.7864	19.7922	24.2707
0	0	0	0	0	0
0	0	0.128116	0.0257451	0.0244773	0.0189981
11.4838	8.70578	12.9209	8.22992	16.2307	7.77992

3.54287	3.8311	3.16459	3.39564	2.72081	2.31663
0	0	0	0	0	0
1.3618	0.833653	1.38458	0.871007	2.95016	2.14917
1.02E-05	2.87E-06	0	0.152391	0.144534	8.16E-06
6.85216	6.48543	6.82969	7.75714	12.3545	8.78688
0.0301712	0	0	0	0.0326809	0
28.5015	18.2381	20.6822	15.3204	17.4035	17.2664
15.5975	12.4804	15.2341	13.5345	12.0471	9.17985
21.1367	22.6565	18.542	26.4382	19.5784	20.4327
19.6296	19.6823	22.1152	21.7724	19.9426	18.5325
1.71863	1.79711	1.84169	1.30534	2.52491	1.75491
8.00076	7.56691	7.92773	7.45356	6.07565	6.10276
15.3158	16.1627	19.1142	17.0101	19.7838	17.3932
0.0374484	0	0	0.170657	0	0.0629666
0.875331	0.305434	1.27924	0.35901	0.455107	0.206052
74.8568	72.2581	31.3177	32.9493	38.5528	35.2081
14.2662	14.3432	14.2647	11.4961	14.9645	11.9702
0.178651	0.222635	0.0750249	0.271379	0	0.10013
3.08917	3.07066	2.69401	2.47234	2.46948	2.24809
86.1745	85.9335	83.8219	88.4172	88.9775	88.6765
4.4313	4.26194	6.38752	5.24559	6.87552	4.9337
23.2146	23.0894	25.2831	22.6772	24.345	24.9905
26.6959	26.0456	23.1796	22.468	21.937	22.9085
0	0	0	0	0	0
1994.47	1225.73	1721.05	2210.01	1420.51	2457.73
0.426326	0.467532	0.49414	0.524562	0.554145	0.516121
3.81E-19	1.94E-33	9.61E-37	3.62E-41	1.64E-22	6.63E-31
0	0	0	0	0	0
1.4315	1.96232	1.98382	1.79397	1.39551	2.40695
12.511	10.127	15.9094	8.65872	8.99224	9.73176
2.82721	3.07027	3.1548	1.79455	4.37482	3.12388
0.392464	0.52699	0.239065	0.269942	0.0661025	0.00997051
0.0746736	0.0202755	0	0.0370729	0	0
0.0909106	0.113293	0	0.103573	0.0492363	0.152859
0	0	0	0	0	0
10.5028	10.4961	10.9228	10.1465	8.80636	8.77309
9.72633	7.43439	10.0692	9.4003	9.34773	9.61806
0	0.0158407	0	0.0144817	0.027537	0.0106865
0.332168	0.261441	0.220254	0.239011	0.605975	0.382142
16.4107	14.5585	16.0843	14.201	15.5459	12.0103
0	0	0	0	0	0
11.6078	10.5632	13.247	8.92278	18.8896	13.5296
14.5428	15.3497	14.2609	16.6557	16.7499	15.3553

83.0345	76.3788	85.4216	130.769	76.7392	90.4366
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.37306	2.82569	4.69813	3.58668	3.45065	1.51241
0	0	0	0	0	0.213876
10.5221	9.43908	9.99216	9.69851	8.16137	9.04606
0.0411601	0.0512936	0.0518557	0	0	0.0692075
0	0	0.221653	0	0.190569	0
0.0496465	0.0618694	0.0774254	0.0565614	0.107552	0.0417384
0.335306	1.95	0.140812	6.87615	0.726393	2.25517
21.8936	24.9086	23.4113	25.4085	27.8884	30.3867
0.50408	1.00509	0.381041	1.3783	0.982817	0.339029
1.03516	0.540396	0.279364	0.307969	1.00651	0.891214
0	0.0173111	0	0	0	0
20.4831	19.4349	20.6237	22.4161	21.644	20.4844
4.626	3.83955	4.74674	3.27344	5.57701	3.3195
0	0	0	0	0	0
8.6127	8.21356	9.34775	9.3765	8.90076	7.25499
1.99946	3.17211	7.40635	6.16501	6.61647	6.48833
0	0	0	0	0	0
0	0.0367162	0.0371186	0.100699	0.0319133	0
7.26726	6.01262	5.91871	4.03318	7.9843	5.54396
0.768858	1.2081	1.05288	1.29488	0.760393	1.09605
0	0	0.0220321	0.0199236	0	0
62.3748	60.286	68.922	63.4485	73.6906	67.2859
0.726911	0.312371	0.915801	0.485471	0.841676	0.484683
0	0	0	0	0	0
20.8247	24.0619	21.0663	21.9068	38.4427	28.3059
0	0	0	0	0	0
14.971	17.1704	11.2576	15.3303	13.8531	15.0238
6.1143	7.03758	8.07758	8.07853	8.47407	7.21079
13.2025	14.9856	12.1655	12.9452	11.9029	15.1097
37.2362	36.5464	37.1903	34.6507	35.1962	34.6254
10.9283	6.52874	6.62495	8.18871	7.12784	6.28145
13.1743	12.9945	13.2846	12.9241	16.5002	15.461
0	0	0	0	0	0.0212206
0	0	0	0	0	0
0.0378414	0.0943158	0	0.0718534	0.0956411	0.0106046
0.168436	0.167924	0.339528	0.0767587	0.328404	0.0708033
0.153608	0.145625	0.170876	0.130379	0.172165	0.0855204
11.7844	15.2951	10.9963	10.1947	17.5315	13.2988
0	0	0	0	0	0

0.921342	0.902328	0.870798	0.749516	0.997649	0.940255
17.9693	19.4807	17.4532	18.6501	15.6891	18.7171
0.860207	0.78245	0.821921	0.982093	0.311175	0.68237
18.0706	18.4467	18.809	14.9227	19.1605	14.1872
0	0	0	0	0	0
0.735306	1.05192	3.44216	5.38603	1.59513	1.94391
0	0	0	0	0	0
1.23801	0.882227	0.668225	0.555177	0.909652	0.891825
0	0	0	0	0.021427	0.0498918
9.86255	10.9251	12.3192	16.8063	6.75671	12.331
10.87	10.844	13.0728	11.2747	9.28195	9.8035
0.938152	1.16912	0	0.356273	0.338729	1.18307
0	0	0	0	0.0665491	0
6.37599	6.64459	7.52419	7.27991	5.66983	5.1497
13.5879	12.5213	13.0479	11.7544	10.9564	11.2959
24.495	23.3854	22.0736	18.3464	21.7222	18.4305
0.0620727	0.10314	0.0260675	0.165009	0.0448239	0.104371
40.2661	62.918	24.9757	25.0143	26.1045	27.4184
175.697	169.647	166.39	159.99	165.046	162.334
0	0	0	0	0	0
0	0	0	0	0.0445601	0
0.0884782	0.110261	0.11147	0.134402	0.127784	0.0247949
4.1623	4.7549	4.71629	4.29751	7.18676	4.96745
14.2272	14.9304	13.8362	8.34134	15.5908	12.0309
29.0249	29.7679	25.9317	23.0899	22.6317	18.0667
3.81312	4.24707	4.46727	3.81125	5.73975	4.38741
0	0	0	0	0	0
10.9535	10.6795	10.6152	10.1847	11.3081	10.0553
12.7282	11.4614	21.6476	14.4589	17.29	12.3889
0	0	0	0	0	0
2.17616	2.30931	2.21174	1.90285	2.36377	1.55279
0	0.107282	0	0.049039	0.0932482	0.0542811
29.3054	29.6058	27.0258	26.3536	24.294	26.1156
18.7511	15.6344	16.2232	13.3346	11.9127	12.3322
0	0	0	0	0	0
0	0	0	0	0	0
1.28833	1.85585	1.24451	1.07864	1.87204	1.13958
4.45782	4.10758	4.56104	4.70936	5.32612	3.72503
5.14492	3.3113	4.73852	3.66451	6.34307	4.46772
0	0	0	0	0	0
0.0225273	0.0280735	0.0951777	0	0	0.0852257
0	0	0	0	0	0
12.3269	12.933	13.1975	11.3238	12.4022	14.2957



6.47856	6.96637	7.41667	4.94841	8.50205	6.01174
5.22276	5.02294	7.22361	5.04474	6.36434	6.06127
4.84803	4.58936	6.78975	5.85909	5.82797	5.25482
6.93879	4.45072	9.14182	5.36058	13.4845	7.37769
0.387126	1.12568	0.162574	0.735077	0.559103	0
0.138415	0.258739	0.0871915	0	0.149929	0.116367
0	0	0	0	0	0
0.0690675	0	0	0.0786875	0.0119699	0.0668919
23.7592	23.1827	21.3833	22.3036	28.1299	27.0148
8.3116	7.99927	9.21321	6.68904	9.82299	7.75955
13.5737	16.5948	12.704	13.7785	13.3832	16.22
0.315284	1.17872	0	0	0	0
0.111763	0.0557116	0.168966	0.280125	0.193695	0.0751684
0.446038	0.240287	0.321319	0.0727848	0.550255	0.428559
56.3389	65.1668	48.548	57.0936	39.4472	45.9517
3.02752	2.31173	2.49275	0.94389	9.63921	4.1535
1.93222	1.75713	2.10535	2.52857	2.12122	1.20735
12.8792	14.7084	16.5711	14.5169	14.9681	12.4074
2.12557	195.828	2.86918	2440.3	4.60474	93.1787
42.949	46.7066	40.7731	43.4251	46.2148	46.9281
35.1595	37.1365	29.5756	33.7062	26.1247	26.0444
0.764205	0.982112	1.78862	0.544154	1.78488	0.783018
69.5657	32.6228	90.9229	48.9468	112.378	65.7516
0	0	0	0	0	0
5.22276	5.72454	5.92253	5.20702	7.48149	6.62948
0	0	0	0	0.025322	0
70.8459	66.484	72.8526	62.9906	59.6822	54.803
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.47884	2.82711	2.88878	2.65124	3.95707	3.94017
0.364325	0.534569	0.159572	0.144301	0.0805067	0.12021
15.3536	14.0618	14.4872	13.4687	13.7151	12.0752
3.0248	2.53882	3.78184	2.6069	3.55528	1.94792
2.10711	2.52469	1.06653	2.28157	0.881057	1.2473
5.48088	5.78887	5.5191	5.90544	7.55276	6.73518
0.304576	0.276541	0.28188	0.538321	0.636839	0.494863
0	0	0.270112	0.244262	0.309644	0.340469
0.277662	0.207613	0.769591	1.13881	0.300758	0.326808
5.18564	4.97352	3.79197	6.62921	4.27668	5.47853
23.9009	26.2525	23.1841	22.7751	24.1948	24.2646
0	0	0	0	0	0

80.7254	81.7586	89.0109	73.3507	93.5123	79.2208
34.9233	28.7577	42.0331	30.8622	43.2075	35.9473
0.13787	0.114651	0.232029	0.262457	0.24896	0.19303
0	0	0	0	0	0
0.0691537	0.129269	0.0871236	0.27575	0.168538	0.101742
0	0	0	0	0	0
0	0	0	0	0	0
13.464	12.9558	22.9224	24.1912	26.6562	26.6488
16.3942	15.5003	16.4305	15.2018	11.9112	11.8943
0.367495	0.46044	0.336825	0.453515	0.123478	0.179882
0	0	0	0	0	0
0.103163	0.128561	0.25994	0	0.111744	0.17346
0	0	0	0	0	0.0249353
3.56298	3.10813	3.20631	3.31698	6.88067	24.3886
143.774	154.402	126.176	148.339	119.876	135.974
0.251754	0.188241	0.444043	0.172092	0.245425	0.296314
2.71751	2.77096	3.05215	2.25694	4.27989	2.43642
23.4046	25.415	29.0068	27.7184	28.6547	25.1731
125.826	124.421	127.862	132.088	112.869	131.789
0.456678	0.390023	0.980599	0.504332	1.29625	0.549556
6.24199	6.93901	6.83631	5.93963	5.33981	5.15827
13.8917	17.8971	16.4438	16.289	14.9025	14.3711
8.01057	6.04085	8.02196	8.56468	8.94386	7.45984
4.81869	5.31542	5.63993	7.11696	6.43424	5.63193
9.51213	8.90249	9.35866	7.76658	10.3361	10.575
0.863148	1.38298	0.466046	1.19409	0.333909	0.57016
0.599994	0.401549	0.741907	0.240513	0.740165	0.308258
80.5183	42.2281	46.7346	46.2845	69.1865	38.5494
16.8117	15.8883	15.0619	13.689	13.7524	10.9412
1.55152	1.41609	2.1474	1.31949	1.94102	1.15741
0.065405	0.0407538	0.0206002	0.0186287	0.106268	0.0824802
83.9847	70.3765	122.231	118.269	99.2619	94.9011
0.139481	0.171687	0.708973	0.530443	0.543779	0.364204
0.226871	0.0565452	1.02897	0.310164	0.29489	0
8.58697	7.40669	7.16421	6.90363	10.2024	10.7709
2.19985	1.94474	2.41351	1.05481	3.2631	1.18508
18.5338	20.9857	19.8359	21.6138	18.7387	18.2627
13.5615	12.8223	11.0111	12.2225	11.7552	12.7989
33.8148	37.7055	27.3615	26.948	32.8708	39.2371
5.75701	5.59387	7.0775	5.40087	9.64471	6.17594
17.2208	16.252	18.3057	15.0505	19.8917	12.0821
1.43696	1.72363	1.694	1.52312	1.93937	1.19505
2.92723	4.32287	3.52028	3.40709	6.03245	5.45837

2.19427	2.3747	1.52773	2.30254	3.1899	2.30594
0.152397	0.151933	0.287997	0.156261	0.412683	0.230619
0	0	0	0	0	0
55.8705	56.567	57.6117	54.3569	48.2418	58.9166
9.80021	11.0126	9.41312	10.8229	6.48417	6.84775
14.2706	13.1081	13.0882	11.5027	12.1323	12.0634
0	0	0	0	0	0
0.229481	0.0357474	0.108417	0	0.0621423	0.0482318
13.9064	11.4379	16.2585	10.8051	16.7803	16.5314
0.458052	0.707821	0.577078	0.83496	0.416768	0.338879
28.866	29.8261	29.3963	28.4699	30.0054	25.3238
180.175	302.453	122.972	250.663	103.19	127.139
0	0	0	0	0	0
210.284	172.041	224.585	180.788	270.315	211.535
0.407293	0.284716	0	0	0	0
0.203772	0.12697	0.128361	0.116077	0	0
9.81524	9.01618	10.6448	11.1247	10.3029	10.3573
0.232223	0.289396	0.117027	0	0.25154	0.0390466
0.107997	0.403759	0.272122	0.376722	0.116981	0.183721
12.3715	11.2975	13.9117	10.8719	14.7295	11.9481
35.092	33.7918	34.8528	34.3279	35.3932	37.6716
0.01898	0.0473057	0	0	0	0
31.4226	31.0873	34.2153	27.6759	38.1521	29.855
0.105974	0.0247619	0.133512	0.184875	0.710954	0.202132
0.229412	0.259903	0.551777	0.356408	1.03916	0.771479
23.8068	22.1197	26.6989	16.1326	26.94	27.7542
1.01734	0.960463	0.880362	0.550252	1.35798	0.88121
0.85606	1.36842	1.39631	1.62986	0.84576	0.677331
8.40352	9.87491	5.4345	10.5294	7.35529	8.87507
4.59587	5.30312	3.21674	3.87852	3.13439	4.72243
0.132317	0.0392135	0.144499	0.0382392	0.157553	0.181079
0	0	0	0	0	0
0.0425985	0.0530862	0.0536679	0.0970635	0.0922837	0
149.006	132.421	142.093	111.17	176.96	166.643
2.3708	3.05636	2.72937	4.75005	3.36496	3.95195
9.22483	8.81936	10.5557	10.461	15.6097	12.6415
15.8805	15.5888	14.4099	15.6514	18.4301	22.9138
12.0078	10.8662	14.7242	12.7648	13.5325	10.9011
577.092	467.269	345.784	447.496	157.651	234.008
0.182036	0.136112	0.275206	0	0.394355	0.15304
2.86624	3.18749	3.09683	3.43354	2.91629	2.64753
9.07253	6.64232	8.87799	7.66007	19.3509	16.1425
0.673652	1.14664	0.1242	0.58029	0.231364	0.179574

0.99173	0.560258	0.816284	0.346467	0.916658	1.04497
0.208794	0.0975743	0.493218	0.0892031	0.339241	0.131651
104.883	116.195	89.8763	88.6443	75.571	84.2916
15.3904	16.0403	14.2036	14.5242	10.5148	13.1197
4.3092	4.68991	4.70511	5.10578	6.06793	6.038
62.4909	54.8359	46.1196	51.0265	52.7192	56.1507
2.61973	2.52012	2.98201	1.95309	4.61987	3.36548
4.99571	6.48857	5.99695	6.75393	6.75729	6.69393
0	0	0	0	0	0
2.82363	1.70765	3.29579	2.79114	2.78863	2.23422
14.9042	19.8783	16.9149	20.2077	15.8103	19.0541
8.79837	8.81986	10.6147	8.89606	9.37191	7.62144
92.9139	95.2855	102.104	82.3939	104.622	88.5446
6.21E-95	2.63E-38	0	1.18E-36	9.46E-117	5.55E-160
24.1141	30.7142	21.1733	27.6826	22.3283	26.262
5.38468	5.80815	7.09746	5.38718	5.83258	5.42095
1.97326	1.32652	1.40458	1.67264	2.08267	1.95631
2.05935	2.44644	1.28512	1.79801	2.41827	2.41091
25.9134	25.6041	22.4441	25.6207	21.0442	22.7127
15.9134	17.645	18.6264	18.726	16.019	19.0588
7.49255	8.47704	8.72615	8.56746	10.6469	10.2328
2.31837	3.00195	1.31167	2.66821	1.76235	1.26953
31.5577	34.8068	27.7545	30.691	16.8163	22.7495
0.632945	0.260779	0.525103	0.211916	1.08234	0.625518
0	0	0	0	0	0
0	0	0	33.0091	0	0
1.06746	0.630129	0.849378	0.448053	2.37336	1.46423
0	0	0	0	0	0
28.5984	28.5794	27.6673	28.577	26.6152	25.4058
6.23313	5.23302	6.34841	6.34268	5.94142	6.32812
7.21889	5.76216	6.79232	7.24578	11.4865	9.85308
0.369472	0.115109	0.698222	0.210467	1.00051	0.427102
4.98697	4.57391	4.43937	4.25335	4.80483	5.12696
0.385955	0.320651	0.378192	0.488569	0.046451	0.108159
0	0.218126	0.441032	0.664707	0.126395	0.0981015
0.497799	0.370472	0.168388	0.607974	0.271567	0.252932
0	0.0141571	0.0143123	0.0517701	0.0123052	0.0095507
0	0	0	0	0	0
4.47611	4.50696	6.00702	4.63764	6.86861	6.06734
66.5039	69.2198	49.5659	50.3914	56.9624	54.8833
16.9683	16.4433	14.5791	13.7815	12.1125	12.1521
15.4867	14.8858	13.6059	13.9889	15.2782	15.1047
1.57687	1.53241	2.00485	0.873528	1.7237	1.07028

6.04367	5.39105	7.61414	7.50151	11.8868	9.39982
87.7519	82.886	84.9442	83.6041	79.7424	82.2521
6.43273	7.68758	6.27564	6.38912	6.32462	7.68224
0	0	0	0	0	0
0	0	0	0	0	0
8.92256	8.78433	9.10422	10.8181	8.1581	7.45856
38.3515	34.7259	32.3882	29.4975	25.0067	27.1726
0	0	0	0	0	0
0	0	0	0	0	0
17.7094	12.9207	14.1331	13.4931	19.7134	18.3958
4.33152	4.99802	4.27227	5.42849	3.47337	4.91309
0	0	0	0	0	0
12.0915	13.2231	13.6417	15.697	13.8847	13.2559
28.9324	28.7651	33.3378	31.4491	39.022	28.7833
195.334	169.307	149.861	181.83	135.21	192.951
7.29708	10.9929	3.60748	6.05092	2.50128	2.83441
1.42271	1.22274	1.37521	1.13181	1.34177	0.907377
4.74801	3.87159	4.91099	4.30743	5.63502	4.47219
0.228118	0.35535	0.287395	0.194918	0.123546	0.119863
10.3702	9.25628	9.81613	7.9665	12.3071	10.0071
17.289	18.9254	19.7592	16.5572	23.5025	16.888
22.2908	19.7803	23.2206	22.5958	25.6638	21.0857
0.162131	0.202048	0.131036	0.132436	0.288278	0.200601
62.8578	66.0736	62.7762	65.7058	53.3761	55.3221
64.4944	76.3069	48.4594	54.1487	34.6714	46.7417
5.0112	6.6123	5.16212	7.79135	3.83155	4.7334
22.4768	23.1297	20.8688	25.3801	25.4273	28.156
62.5109	58.523	61.1517	61.1452	61.6267	67.0839
0.951481	0.592867	0.599364	0.38259	0.712344	0.505833
6.60107	6.73467	6.35153	6.48745	4.9501	8.65982
0	0	0.104068	0	0.0894742	0.0694456
0	0	0	0	0	0
0	0	0	0	0	0
4.67549	5.12353	5.23548	4.70557	3.15214	3.33682
5.38386	4.63655	5.3491	4.43823	3.60332	4.87586
82.5903	51.4057	59.3861	55.0707	40.8633	37.903
9.68887	8.33586	7.97551	9.365	9.16394	9.61034
0	0.259989	4.2054	4.75367	4.21827	3.09862
0	0	0	0	0	0
0.572394	1.38444	0.20047	0.314572	0.104265	0.271088
0.011524	0	0.0435557	0	0	0
6.31643	4.03027	11.3165	8.91751	17.057	17.7784
4.47986	5.3729	5.95316	6.28712	4.37121	3.45071

52.0777	50.423	40.8633	54.5208	51.0977	61.5156
0	0	0	0	0	0
8.83504	8.90088	8.55318	7.20485	10.1743	8.69434
17.1805	19.3086	21.017	19.3378	23.1414	23.3311
12.606	12.7708	12.9885	11.9995	12.158	11.6646
0.27123	4.53E-09	4.45E-09	0.20061	0.0996305	0.152961
0.0845097	0	0.0532349	0.0481402	0	0
0	0	0	0	0	0
0	0	43.9481	39.7422	37.7851	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
11.1166	11.4157	13.5634	8.62264	7.07281	6.40828
1.80516	1.37706	2.06744	1.94436	3.76804	2.81421
0	0	0	0	0	0
11.8045	11.5006	11.0711	12.1935	12.4744	13.2972
5.20044	4.57413	3.82128	4.94095	3.5126	3.93693
0.0848208	0	0.267154	0.19327	0.22969	0.106965
0	0	0	0	0	0
83.9105	104.584	97.0708	94.1898	115.272	105.43
2.98213	3.49381	3.17216	4.53669	2.4948	2.14684
3.62461	3.95843	2.72516	3.90744	2.49075	3.44045
0	0	0	0	0.0693803	0
0.116335	0.362442	0.439696	0.198808	0.504048	0.0978044
14.9597	11.821	21.611	13.6633	26.5919	23.643
0.218452	0.272234	0.412826	0.497757	0.118311	0.550965
2.80953	3.03339	2.48687	2.63518	1.61343	2.1482
44.4771	42.5364	46.3858	45.5539	44.6214	42.8557
2.98925	4.2111	2.56526	2.51718	2.70998	2.64058
0	0	0	0	0	0
0.192385	0	0.110736	0	0	0.474571
0	0	0	0	0	0
15.2467	13.0505	22.8545	20.6288	9.05033	14.3517
1.89925	1.33279	1.90493	1.68061	2.51661	2.99192
188.3	177.004	119.312	134.893	75.5469	112.798
0	0	0	0	0	0
43.2144	39.1525	44.28	36.6108	29.8472	27.7251
3.34089	2.53211	3.88765	2.72951	5.0213	2.77695
0.231161	0.0720181	0	0.131679	0.125194	0.485849
8.97626	9.60003	9.55585	9.27772	9.69462	8.45527
1.95303	2.43386	2.41229	2.1378	1.78364	2.09266
0	0	0	0	0	0
0.65085	18.5055	0.279964	171.045	1.22387	13.7023

67.2527	59.0671	58.9872	58.5499	59.8679	69.8164
6.79887	6.09784	7.87559	5.18494	8.99452	6.17911
0	0	0	0	0.446601	0.173315
13.843	14.7481	13.5092	12.1098	21.9081	18.6712
0.153131	0	0.192923	0	0	0.0643696
0	0	0.147389	0.799699	0	0
4.1801	4.19324	2.37181	3.6907	1.69112	2.71845
1.18122	0.846489	2.65883	1.25993	1.58788	0.592146
0	0	0	0	0	0
4.07482	6.40998	3.61882	3.80522	3.54548	4.82975
1.5596	1.94358	2.40151	3.55366	3.19096	2.76804
0	0	0	0.274098	0	0
0.0177409	0.0221087	0.044702	0.141484	0	0.02983
0	0	0	0	0	0
0	0	0	0	0	0
28.287	38.0035	39.5972	43.0659	34.0903	39.2782
1.39624	0.964192	2.23485	2.00243	1.67029	1.30301
8.97199	7.48233	8.71878	8.67905	7.83684	10.1683
11.8534	6.50922	12.5523	8.55319	15.0999	10.5991
75.1581	79.8085	62.3208	75.0772	77.6495	92.4816
9.54408	8.78015	11.8482	8.15063	11.128	7.98468
15.0168	11.7554	15.5542	12.0089	18.2526	20.7165
0	0.169581	0.228589	0.0387565	0	0.0285997
0	0	0.0805177	0	0	0
0	0	0	0	0	0.0288573
86.1226	93.8747	62.4392	56.7693	90.624	91.4165
2.57806	2.34043	2.73175	2.43141	3.3473	2.00952
0.958536	1.34207	1.09099	0.936607	0.960841	0.728027
0	0.041323	0	0.0755555	0.0359174	0
0	0	0	0	0	0
10.4315	10.659	9.74672	7.85986	7.94795	7.49308
0	0	0	0	0	0
0.0491934	0.106779	0.00683196	0.0566672	0.010573	0
22.6142	21.4753	24.5254	20.5625	24.1164	25.1044
3.12219	2.04174	2.39515	2.00745	2.86289	1.97514
12.1527	12.8078	16.9139	12.5443	14.0764	15.9099
0.630219	0.384675	0.567131	0.468896	0.58512	0.529832
38.183	34.8287	38.7314	35.1441	35.3045	35.9817
0	0.40396	0.204193	0.184651	1.22891	0.40878
4.386	4.71344	1.62791	1.49778	3.91726	4.31306
0.449455	0.286166	0.28242	0.14514	0.362123	0.0663616
6.05332	5.17735	6.51113	5.33498	6.77333	6.25335
0.0514296	0	0	0	0	0

1.53826	1.62206	1.40131	1.59075	1.40987	0.974902
10.5273	10.5629	16.5899	12.0309	13.9403	9.35004
8.26201	7.52573	11.6502	9.90685	13.6695	11.6541
155.768	137.653	150.887	160.815	153.205	156.694
0	0	0	0.03549	0	0
0	0	0	0	0	0
0.178997	0	0.0563774	0	0.0484714	0.0752424
0.0432943	0.0269766	0	0	0	0
0.160224	0.366064	0.269146	0.0608469	0.202477	0.0673513
7.15919	6.30225	6.99442	6.64904	6.91091	7.16229
0.380978	0.647419	0.82905	0.4735	0.375152	0.145588
0	0	0	0	0	0
2.45715	1.56558	2.37411	1.97852	3.28189	2.87342
11.3775	14.2649	15.1205	12.9622	12.1735	12.4814
0.316008	0.321887	0.441482	0.370188	0.556746	0.325921
0	0	0	0	0	0
23.4843	26.8227	25.6929	23.2784	30.6941	27.3059
0	0	0	0	0	0
10.8185	11.1897	16.4959	12.9871	23.3843	23.0331
0.197767	0.143766	0.437973	0.273818	0.423206	0.148513
7.72856	8.80141	8.19132	7.82668	8.58023	8.50126
26.7767	27.0239	27.867	21.9053	27.3652	23.6603
13.811	13.7098	13.5078	12.9636	15.0053	14.9252
0	0.262289	0	0	0.113989	0
3.37881	3.77684	3.27645	3.0562	3.30496	3.25378
0.129623	0.161536	0.367438	0.0738385	0.438765	0.0544877
0	0	0	0	0	0
56.3778	46.8386	118.38	42.8202	142.49	94.795
27.51	29.7445	24.829	28.7519	26.4646	27.9608
0.0777573	0.276497	0.255903	0.293062	0.522744	0.430546
0.0793988	0.0247367	0	0	0.205769	0.0511067
0.22139	0.551791	0.278919	0	0.359707	0.186125
5.75299	5.08121	4.92578	4.3271	6.57436	4.80531
106.816	129.56	176.476	178.4	116.05	139.421
2.54083	2.87259	4.4551	3.43189	3.40475	3.06102
14.8988	14.9476	15.6701	13.9786	12.3041	13.637
0.0739114	0	0.0620784	1.71219	0.133432	0.144989
3.6746	2.77564	4.76948	2.02987	4.58427	2.05959
54.8442	59.5472	55.7142	59.4783	52.1934	59.2487
132.155	100.87	118.502	95.3109	136.527	117.064
16.7275	14.276	12.7845	15.1736	13.1813	16.0625
0.809313	1.14147	1.51117	0.920929	0.683826	1.21761
11.6448	10.7766	13.8001	11.8108	10.4267	8.45471



0.104944	0	0	0.119561	0	0.117691
13.412	14.6543	15.1374	13.7014	12.454	12.5389
10.3318	9.96003	11.4974	10.6906	11.4424	9.76045
1.65518	0	1.04264	0	0.448214	1.73941
154.116	137.988	99.7442	143.804	105.899	112.987
0	0	0	0	0	0
22.9686	23.2569	24.0047	23.1942	24.0312	23.5891
0	0	0	0	0	0
15.4316	15.7416	18.0338	16.2787	17.1395	16.6502
0.0635366	0.0891582	0.0496834	0.0299421	0.0189784	0.0761887
11.053	11.3638	11.3934	9.84507	10.8296	10.2428
15.083	11.2828	13.9218	17.0712	22.1403	15.5722
0	0	0	0	0	0
0	0	0	0	0	0
0.499002	0.238157	0.749053	0.157246	0.448507	0.214221
10.5317	10.4541	11.6399	7.76609	12.7391	9.11761
80.3588	95.2204	69.4375	80.8633	60.3685	66.3133
3.25786	1.69801	1.6231	0.861535	1.67733	1.08311
0	0	0	0	0.0439357	0
7.68E-08	4.39E-09	1.35E-08	2.99E-06	6.03E-08	7.65E-08
14.9977	15.6874	16.9164	15.9364	16.5094	13.5882
11.909	12.0942	13.0657	13.0545	14.1238	14.7845
0	0	0	0	0	0.0306467
15.8909	14.7934	15.5244	13.1094	15.7454	14.0944
6.07643	4.96406	7.12178	6.25253	10.1662	10.0351
0	0.0341329	0.138028	0	0.0296678	0.0230268
0	0	0	0.075405	0	0
62.9922	57.7223	64.2886	62.1877	60.155	63.2369
0	0.0317903	0	0	0	0.0214464
2.1396	1.53728	2.93823	2.33383	3.85884	3.06992
53.7188	60.0784	59.0985	68.3295	65.1608	75.4134
46.417	44.0767	36.1817	37.8358	36.7708	44.1455
3.29473	3.85892	1.9819	3.11764	0.9259	0.92686
0	0.202542	0.0501456	0.0453465	0.344908	0.0334626
5.81686	5.05748	5.07881	3.72971	8.68423	6.07308
0.0739747	0	0.0310658	0.084278	0.0267093	0.0414609
0.0636969	0.105839	0.133748	0.0241896	0.0459968	0.0535507
1.40036	1.29269	1.17617	0.906035	0.730332	0.479641
4.42857	4.84379	4.40021	5.21338	4.16403	4.58067
4.81793	4.45164	4.76268	4.69628	4.00798	4.31023
0	0.382841	0	0	0	0
2.99644	2.59069	5.49712	3.52019	3.428	3.24302
10.0998	12.6529	7.41805	8.3254	9.22271	10.5269

19.0213	26.0676	28.4568	49.0304	15.346	33.2546
27.3259	26.866	28.9181	35.7708	30.5581	26.9898
64.7059	60.991	51.6044	59.2902	49.7975	68.8721
11.6531	10.8427	7.85492	8.94349	9.06047	10.1375
69.1421	59.0317	75.8389	64.8891	90.6013	57.9096
0.3792	0.177209	0.119434	0.324012	0.966914	0.518046
74.4128	66.9977	63.7986	57.6929	67.2411	64.0527
7.20738	5.19912	4.17193	3.62719	7.26514	3.41785
0.577015	0.647168	1.01774	0.723122	0.875016	0.776166
0	0.870384	0.293307	0.530474	0	0
41.6517	45.6215	46.2343	44.4042	46.3703	46.1746
1.59462	1.62951	1.3929	1.2717	1.3818	1.51936
0	0	0	0	0	0
3.02926	3.89199	2.07412	2.54239	1.69193	2.11291
13.2307	13.994	12.8984	13.0975	14.3341	12.7214
0.790173	0.680162	0.841559	0.881669	0.802957	0.65746
0	0	0	0	0	0
0	0.204862	0	0	0	0
64.3654	60.9908	67.0449	47.6342	73.2511	62.3239
6.91346	6.74221	7.87738	5.87419	8.10994	5.85497
56.1995	59.1964	43.8138	55.1895	41.3226	37.9282
0.0657994	0.131201	5.38882	0.479778	0.442698	0.231281
0.160379	2.78E-06	0.942213	0.260636	0	0.159727
0	0	0	0	0.134649	0.104508
0.0149991	0.0186919	0	0	0	0
0.798543	4.88907	1.15868	0.385336	1.99464	0.768326
89.6914	85.864	82.4711	98.1218	75.8739	90.3478
9.18661	9.89064	13.8671	13.3557	10.8972	9.49853
39.8548	42.7117	43.8483	41.8826	50.3054	52.4749
143.188	110.878	125.643	95.2583	190.341	135.865
4.45888	4.88779	7.17796	7.80803	6.35024	5.41469
23.9762	25.2085	24.1197	26.0932	22.2305	30.3263
12.3004	11.4552	11.2402	12.3848	11.4565	12.0203
0	0	0	0	0	0
0.389051	0.370756	0.461315	0.260729	0.520568	0.6734
44.5862	43.817	42.8561	43.0164	38.9011	46.6366
0.541804	0.698479	0.376604	0.308634	0.758886	0.416234
4.16113	5.40165	4.9366	4.46416	6.3477	5.42238
13.8185	13.8236	18.193	15.5646	17.6909	16.6016
14.9424	15.453	14.3793	13.7931	16.0601	16.5828
30.5978	29.7028	26.6318	27.3856	36.2248	34.0586
2.37404	3.17753	2.10399	2.90491	3.42814	3.10361
0.25329	0.458201	0.169848	0.186174	0.367286	0.16486

0	0	0	0	0	0
4.55737	6.24924	6.80829	4.84033	6.41524	4.85946
3.39133	4.0399	1.83356	4.48842	1.67613	2.05492
22.7608	25.3995	27.2765	29.7257	27.4029	28.4695
6.82188	5.01647	7.50915	4.92292	6.49699	6.15778
0.122153	0.213118	0.123116	0.12525	0.410173	0.143774
0	0	0.589368	0.177655	0	0
0.570679	1.47566	0.980378	1.20056	0.789026	0.586372
0.262152	0.178197	0.150124	0.19006	0.0516287	0.180323
9.28741	9.0144	11.3871	9.69927	13.6066	10.8111
0	0	0	0	0	0
0	0	0	0	0	0
0.761137	0.435533	0.440305	0.325034	0.51566	0.347009
305.866	306.732	314.93	323.487	296.795	341.261
0.0198088	0.0246856	0.0249561	0	0.0429129	0
6.48413	5.79399	6.80006	6.67694	9.05912	7.72764
155.874	156.762	155.205	152.717	121.02	132.415
8.17564	7.38524	8.80916	6.30907	9.15903	6.88855
0	0	0	0	0	0
5.5817	5.35294	3.51637	2.12978	4.45328	3.0952
3.48075	3.4703	4.00599	3.02601	4.66332	3.26308
0	0	0	0	0	0.0188593
41.321	55.6557	33.6302	52.7696	26.7988	42.9709
0	0	0.140583	0.190975	0	0
6.03926	6.22407	9.09836	7.25953	8.54213	5.74919
0	0	0.0695428	0	0	0
30.4065	27.9155	17.4594	13.2389	14.1538	14.1706
0	0	0	0	0	0
16.1198	17.0785	16.3726	15.3142	17.6313	15.6269
8.1977	9.31417	5.53841	5.94739	12.5686	12.7748
5.46326	157.501	4.67618	878.119	3.79455	56.9045
0.194765	0.0910184	0.0613439	0.0554731	0.342819	0.122806
10.7206	11.7817	11.4434	10.9749	11.6123	11.5189
2.58779	2.66946	2.72385	2.03117	2.15453	1.99662
26.1304	22.1825	38.5599	40.0874	51.5041	37.13
1.79979	2.16379	3.05224	1.93859	2.55723	2.17456
6.0628	5.97408	4.17439	6.86709	5.68895	10.2534
11.0836	12.6296	9.97116	10.703	11.9881	12.2934
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.0833775	0
0.673848	0.873338	0.713118	0.82912	0.78829	0.815777
0.364886	0.727552	0.275822	0.249425	0.474284	0.122706

0.797781	0.932056	0.879452	1.07932	0.918149	0.293433
0.1163	0	0.0224825	0.211951	0.100797	0.104312
5.09909	4.30877	6.57921	4.14951	8.29039	4.5025
52.931	61.2977	51.8094	56.7278	59.4032	86.2451
2.09106	1.78297	3.09662	1.33744	2.50342	1.85051
123.518	122.57	128.37	124.087	114.763	107.114
3.97894	3.12604	4.27729	4.34836	4.74323	3.79055
3.7471	3.94324	4.19626	3.64288	4.6721	3.20623
0	0.0657204	0.465084	0.060082	0.34274	0
3.25112	3.05101	1.96927	2.82725	2.44678	2.92703
0	0	0	0	0	0
31.0867	31.8782	24.8444	28.9069	21.9547	27.0122
0	0	0	0	0	0
1.50071	2.10378	1.35456	2.23937	3.08893	2.62668
16.3712	17.2661	16.7581	18.9141	16.616	16.2725
19.4641	19.7171	22.8586	21.0561	21.2156	20.3737
20.2079	20.4481	19.9178	19.2679	19.8491	20.3129
12.8766	14.785	14.7577	11.7338	14.2453	12.2072
4.42521	4.28783	5.7468	4.74063	4.98213	4.39341
6.43282	6.35497	7.04807	5.96619	7.56344	5.67393
7.54494	7.51896	7.83383	6.25878	7.72523	7.20177
3.50409	3.04116	3.03507	1.39012	4.60889	2.78811
12.6048	12.2797	10.4398	9.09875	9.84264	9.89616
0	0	0	0	0	0
23.0429	28.1962	20.2701	36.9653	19.5135	23.3145
0	0	0	0	0	0
0.857125	0.534074	0.87738	0.854444	0.290131	0.720595
1.73541	2.12368	1.80711	1.51357	1.81563	1.49683
29.0999	29.4959	29.3156	27.0895	25.3521	40.8737
0.147928	0.368695	1.1182	0.337063	0.801162	0.870553
97.4913	102.529	104.617	96.9081	86.9174	86.5139
13.6472	15.6028	15.4058	14.7397	14.9632	14.8066
0.192902	0.0948224	0.27639	0.210978	0.290166	0.20745
1.51111	0.355022	1.6151	1.3253	1.23432	1.02621
0	0	0	0	0	0
0.356498	0.0892199	0.179752	0.313261	0.262916	0.301211
1.98253	2.28166	1.35011	1.34299	1.50901	1.39646
0	0	0	0	0	0
8.32607	7.86694	10.9478	8.95301	8.37143	8.33209
2.6624	4.69243	3.4433	7.65071	2.20756	2.86257
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.103836

1.1392	1.20672	1.00466	0.389361	1.97433	0.814077
22.1104	23.4248	19.0388	20.8859	20.6959	21.1659
15.0245	16.9572	13.9287	18.2476	14.8925	15.8487
1.37347	0.708255	1.07402	1.45685	2.20592	1.95103
8.18267	6.82696	6.72704	5.58289	6.76015	5.5384
2.45864	1.96093	2.18892	3.95887	2.94722	3.74818
10.015	9.4837	10.3236	10.8595	6.97751	7.2251
0	0	0	0	0.0387258	0.0300571
0.379328	0.61817	0.845512	0.897567	0.790154	0.760467
7.02322	7.37765	6.81909	6.06044	6.81083	5.79116
13.6206	13.5687	12.0226	14.1767	14.1616	20.2514
10.5484	11.802	9.36603	11.1744	13.0152	9.18336
48.8438	46.7868	39.8899	35.8335	41.9461	37.4886
0.068797	0.0219397	0	0.125359	0.101706	0.0514119
0.498252	0.590383	0.638015	0.707235	0.495458	0.590561
4.44353	4.16771	5.71606	4.87593	5.06646	4.58118
0	0	0	0	0	0
3.58415	2.80911	3.53626	2.74326	4.35642	3.82012
17.0583	0	0	0	0	0
15.7538	16.5019	17.9796	13.0664	20.2383	18.4965
8.11516	7.90617	8.13991	7.09484	10.4765	6.31533
0.208182	0.302675	0.0437131	0	0.037583	0
0	0	0	0	0	0.0945153
14.8852	13.511	14.6131	14.3084	19.3574	14.0879
5.1481	5.38735	5.473	4.36757	2.211	2.00859
3.17643	2.23047	4.36114	2.70014	4.46326	4.79527
5.26875	6.04161	6.58023	5.72005	6.70442	4.98227
0.653524	0.40721	0.411672	0.54149	0.353942	0.599373
0.653967	0.488984	1.09854	0.298022	1.18061	0.549798
1.815	2.45211	2.13705	1.46872	2.3702	1.36903
0.689868	1.38396	0.33973	0.916743	1.4803	1.38457
5.31379	4.71873	2.07461	4.77653	1.67307	2.68615
0	0	0	0	0	0
2.21049	2.20058	1.57509	3.32305	1.90186	2.50008
0.84361	5.04627	1.27539	2027.94	0.182756	32.9084
4.36151	4.6223	5.29011	3.33191	5.83178	3.73254
3.42816	2.14776	4.88541	2.66779	4.24089	2.06314
138.847	131.988	115.727	133.758	104.424	120.994
0.0336643	0.0494438	0.0860359	0.072323	0.0338598	0.0574125
13.6491	8.78691	9.05857	5.97244	10.3588	7.26923
0.091748	0.0549943	0.116621	0.344109	0.405854	0.398121
11.3958	10.8779	11.6874	9.36365	12.2153	10.5747
2.45659	2.53779	3.09494	2.24627	2.27569	1.71194

5.87135	4.33885	8.51358	6.40065	5.72547	6.45288
0	0	0	0	0	0
4.65356	3.71434	4.04423	4.28353	5.71406	4.37558
0.697904	0.638486	0.850022	0.847992	0.982256	0.645273
0	0	0	0	0	0
19.6907	20.1604	0.0142249	0	0.0122301	0
13.5442	15.0703	11.3397	17.2824	11.8313	10.3657
0	0	0	0	0	0
0.211449	0	0	0.2409	0	0
6.81415	6.2734	5.80904	5.36947	5.53178	5.50793
44.9515	45.9706	47.7826	43.4294	47.2002	54.1632
0	0	0	0	0	0
1.3819	1.13007	1.98727	0.737943	1.61703	1.39792
3.32493	2.7695	2.65877	2.20805	2.3419	2.13631
56.4115	58.0873	57.3659	58.3556	48.5489	47.9137
0.120597	0.150287	0.303868	0.755666	0.979709	0.152081
2.846	1.14722	3.4189	1.2265	4.03733	2.94708
13.6703	14.2201	16.7904	12.0621	15.8917	11.6885
0	0	0	0	0.107694	0
29.5785	29.5546	40.7953	40.2544	39.5797	37.2302
0.995836	0.545186	1.23275	0.921976	1.21116	0.586939
0.287085	0.357764	0.542527	0.367954	0.699669	0.241355
0	0	0	0	0	0
0.403567	0.241875	0.508435	0.24266	0.561457	0.371435
67.2457	61.3056	73.7607	66.2411	62.7898	71.4052
14.7318	18.139	15.6752	12.6148	16.7769	13.9792
0	0	0	0	0	0
0.98169	0.810837	1.51691	1.28836	2.91578	1.84922
0	0	0.0779022	0	0	0
96.0708	74.5108	92.8243	74.6275	93.299	72.05
0.14449	0	0	0	0	0
165.011	161.628	218.697	243.692	154.773	185.956
0	0	0	0	0	0
4.34067	3.90365	4.90484	3.77267	5.04103	3.9126
0.119863	0.0331934	0.0671153	0.0303456	0.259668	0.100771
27.574	29.3523	27.4144	25.298	24.3056	23.5099
4.49735	4.55799	6.42982	6.11453	5.29668	4.97585
33.6193	32.0102	32.5441	28.7426	32.7086	27.2148
0.0523462	0.036694	0.0164871	0.0298186	0.113401	0.011002
7.01524	7.83489	7.90839	6.80218	4.15245	3.26312
0.998131	0.967454	1.21093	0.842336	0.840898	0.776982
0.405591	0.409749	0.248492	0.222233	0.710543	0.25914
19.025	18.3779	19.5936	22.6336	23.1964	24.1503

0.258237	0.179837	0.0382754	0.0951839	0.156312	0.0702391
49.7018	58.7254	47.7297	55.8085	46.8544	60.5099
7.00359	7.85029	6.58614	5.65824	7.37843	5.93328
11.4583	9.49542	10.2006	7.92019	9.39409	10.4799
2.82096	3.51548	2.31783	2.51571	1.99279	2.11383
8.51469	10.097	9.46523	9.33141	10.7229	10.2133
5.86699	5.56012	6.66106	5.47497	6.85531	5.8578
2.25437	2.32778	3.24591	1.10073	3.83725	1.89527
14.241	12.6614	14.1904	12.542	16.0222	14.7953
20.4969	20.3664	22.871	24.4353	24.1664	29.4307
3.81483	3.65043	3.30422	3.60888	3.65253	3.75125
43.723	50.7362	40.3498	46.4021	41.1771	51.4729
9.99581	10.1917	12.5044	9.24598	13.6691	9.00549
0	0	0	0	0	0
196.721	194.323	193.633	202.311	168.304	191.178
67.7502	71.3021	81.4753	79.4927	76.9502	76.4287
3.53414	4.19015	2.50454	3.55105	3.19009	3.17753
0	0	0	0	0	0
4.07674	3.16582	4.26358	2.81391	4.04634	3.6397
41.2844	38.4157	42.0898	38.7689	46.6402	47.5074
17.3606	18.7879	17.0824	17.0719	18.8428	20.4172
0.17392	0.178491	0.386671	0.151522	0.277039	0.197822
51.9764	55.3451	55.8633	52.5122	49.2687	55.4754
100.938	100.016	100.265	137.244	134.524	149.913
10.3485	8.92176	8.96716	8.96122	7.61497	8.84263
0.151168	0.144173	0.0932817	0.0887725	0.163743	0.24893
18.141	20.8365	19.9006	19.4751	21.972	22.523
0.924637	0.979026	0.834717	0.47312	1.34336	0.868076
18.7757	19.197	18.8175	21.4975	16.1787	16.0605
0	0	0.0688501	0	0.0295975	0.0229722
34.1785	31.4859	34.5969	29.5025	35.195	34.0296
13.4815	12.6629	13.5316	13.7852	15.9304	14.1629
0.728188	0.707281	1.45368	0.859637	1.63708	0.879317
1.03392	0.84768	1.1312	0.836951	0.589434	0.526114
0.192415	0.221343	0.186473	0.286666	0.288582	0.323532
6.33608	5.07333	6.88351	4.32422	9.5155	6.22748
35.5765	35.2657	34.14	35.0611	33.7467	30.0702
0.457866	0.760789	0.384563	1.10124	0.716373	0.855407
1.47511	1.83828	0.619474	0	2.13041	1.65352
0	0	0	0	0	0
0	0	0	0	0	0
0.0556923	0	0.0701642	0.105749	0.0603248	0.0156071
43.439	46.2961	54.8496	56.4877	39.131	52.2793

3.43474	2.41367	3.29295	2.84018	3.58513	3.38581
0.803846	0.809107	0.623218	0.493127	0.401866	0.363894
22.3232	26.119	18.555	18.7995	19.9963	18.9423
40.7102	39.9217	34.2139	36.1954	35.5831	38.9791
34.6456	33.5022	34.7668	28.2199	36.704	33.304
0.556706	0.925022	0.23379	0.634246	1.00502	0.46803
13.7	12.7547	13.786	12.2747	13.1472	12.1284
7.75209	7.33134	8.07586	8.08105	8.18926	8.21963
0.197768	0.32735	0.205916	0.186209	0.214218	0.248196
0.326081	0.152386	0	0	0	0
0.686918	94.3121	1.822	1168.88	3.296	43.8021
5.49718	4.22393	4.80848	3.78042	3.8565	2.6101
13.6883	13.5951	14.4704	10.8457	16.8444	12.2287
2.60948	2.83038	6.30116	5.39533	4.39683	3.49386
4.60701	4.67009	5.4723	5.59541	6.54007	5.60379
0	0	0	0	0	0
1.46533	1.32806	1.67827	1.00165	2.39525	0.963136
0.297564	0.47989	0.264627	0.179476	1.47886	1.39799
3.20628	3.07695	3.56768	2.75964	4.53768	3.3842
34.3779	19.9766	31.6414	22.038	27.5108	24.6927
0.0848979	0.0528998	0	0.072542	0	0.0178437
5.34194	5.07819	5.43583	5.42277	4.3768	5.06681
12.3686	14.9981	17.0542	14.646	15.6615	14.0912
0.384444	0.741599	0.638249	1.25105	0.640805	1.27991
78.3662	78.5363	75.2157	71.6077	65.1815	76.1411
17.6124	17.4951	17.7808	17.558	14.8117	14.9075
10.6255	11.2568	12.7564	12.854	9.91729	10.1474
1.29473	0.934124	1.71702	0.698712	0.738116	0.63018
1.36864	2.04672	2.414	1.55927	1.48248	0.69038
0.0915236	0.114057	0.0384355	0.139028	0.198273	0.0256483
2.97137	4.08597	1.90108	2.80687	4.66635	3.15978
1.44819	1.22896	1.12734	1.29765	0.822948	1.36524
49.5702	47.783	66.24	56.189	75.1926	61.2965
0.294712	0.244847	0.371295	0	0.638453	0.165179
1.31526	1.54801	1.74909	1.24871	1.89954	1.16718
6.81113	6.05334	7.92354	5.62547	9.72577	8.96617
0	0	0	0	0	0
2.79692	2.41788	2.82531	2.0382	2.81122	1.92772
1.08584	1.13666	1.14912	1.43501	1.17616	1.09545
0	0	0	0	0	0.119379
0	0	0	0	0	0
0	0	0	0	0	0
2.46963	0	1.04549	1.25328	2.91769	3.93627



2.38997	2.46134	2.42942	1.85074	3.01917	1.85698
37.4769	36.7707	40.76	37.4231	34.9904	30.8205
4.31634	4.28959	4.7496	3.23685	4.73455	4.86902
1.71444	1.61177	1.43996	2.1247	1.72688	1.59317
9.50002	12.0889	9.97069	9.58144	10.4311	9.32923
10.8353	11.0378	0	0	0	0
0	0	0	0	0	0
9.55091	10.4313	9.56536	10.3921	10.2582	11.1647
16.9688	17.3542	17.0636	15.8014	17.8423	18.5849
0.405352	0.201401	0.14479	0.0545546	0.0345787	0.157903
5.31915	3.21843	6.04581	3.77661	5.44847	3.8724
0.0272953	0.0340154	0.0171941	0.0310971	0.0295657	0.0803162
132.611	119.632	93.996	73.0731	44.8203	49.0984
18.2886	20.015	17.8654	18.9119	17.7341	18.1243
0	0	0	0	0	0
6.90023	6.17241	5.39714	4.00461	4.96477	5.50728
5.08244	5.50184	6.99566	5.0471	7.93734	7.58912
16.6275	25.4059	21.1303	20.2612	16.9142	15.5591
1.47578	1.63039	1.1519	0.924487	1.31695	0.790913
0	0	0	0	0	0
0	0	0	0	0	0
6.60703	5.34342	8.48068	7.16637	8.97025	5.52607
12.4368	9.61112	19.8986	9.66943	18.1941	8.13128
0	0	0	0	0	0
1.30189	1.23238	0.688915	0.684547	1.08925	0.848945
24.5265	24.1371	24.1491	21.7486	26.8498	23.0443
7.89064	9.18656	8.14012	7.67044	7.20822	7.87269
15.391	15.8071	17.0113	17.2479	16.4667	14.58
0	0	0	0	0	0
2.64915	2.80491	1.69501	1.21331	1.99844	2.20034
549.738	660.848	665.889	712.197	572.121	725.089
140.908	166.522	117.797	147.337	106.323	131.246
6.22422	5.81746	5.56868	5.33121	6.0702	5.24226
6.59044	5.48386	6.4234	5.19271	6.59749	4.46475
12.8926	15.8108	20.2437	23.7993	15.5664	15.4419
0	0	0	0	0	0
1.32017	2.07398	1.73546	1.6347	1.27471	1.7608
15.1198	16.3149	18.8945	11.9745	20.5714	9.50851
0	0	0	0	0	0
0	0.191892	0.0646648	0	0.222386	0.129454
0	0	0	0	0	0
55.7783	58.3712	61.3502	49.2799	62.7515	52.0125
64.592	59.5803	59.2527	57.4215	62.0848	50.9404

1.06626	1.2919	1.25366	1.28061	1.45311	1.2582
57.9406	59.4729	53.961	50.485	47.311	44.7884
51.7994	48.6002	49.9909	43.131	51.4821	45.6487
0	0	0	0	0	0
3.0867	2.40833	3.75353	2.93562	4.09937	3.42995
2.49958	1.84845	1.66107	1.18916	1.66615	0.577316
3.14404	3.23994	4.1066	2.6575	6.19168	4.8654
58.8205	55.1081	61.1413	65.2376	55.374	66.1137
1.19E-82	4.02E-88	8.04E-73	1.56E-53	1.46E-51	9.31E-65
23.892	21.3224	21.9302	19.5847	30.2831	23.5199
0.376667	0.5473	0.186671	0.335343	0.316911	0.244419
0	0	0	0	0	0
0.320254	0.0426987	0.364337	0.156143	0.148454	0.141823
3.94283	4.68769	3.14954	5.75407	3.26335	3.07766
0.0668572	2.54118	0	9.14031	0.217255	1.91106
1.95802	0.580643	0.00413517	0.744081	0.408138	4.46E-07
0.97606	1.18575	0.697019	0.777963	2.35655	1.47389
56.8918	60.1829	62.5652	52.6625	64.1727	57.5268
41.3615	36.333	39.0158	46.8398	30.9442	42.6364
269.621	288.088	302.911	276.309	287.825	265.948
14.9942	16.3014	13.7743	16.015	12.8578	13.3937
174.208	126.621	250.754	133.28	108.002	73.2377
0.0192379	0.0239743	0	0.144796	0	0.0854119
0.394929	0.49216	0.45928	0.346105	0.296155	0.306482
0.150635	0	0	0	0	0.253282
4.15677	9.61363	3.34974	2.94384	11.1549	8.59494
7.72857	8.34068	8.81089	7.43479	7.20136	6.75965
60.3641	66.9774	54.2993	63.6248	50.0965	60.7375
486.392	484.625	490.725	619.268	163.355	289.18
7.53704	7.84335	6.85247	6.01963	6.14402	7.1857
0.360482	0.449232	0.756924	0.582287	1.04124	0.7483
0	0	0	0	0	0
0	0	0	0	0	0
6.31006	6.81177	4.91163	4.85368	4.39699	4.4602
47.3501	46.0726	49.9879	48.4114	42.9946	45.3608
0	0	0.0237731	0.144514	0	0
0.113097	0.0939613	0.213729	0.1718	0.122505	0.0316941
13.9333	12.2227	14.9031	13.911	16.5997	14.3882
0.239821	0	0.302139	0.68306	0.259769	0.10081
0	0.0929455	0	0	0.080787	0
20.754	20.9286	22.6773	17.4207	23.3999	18.0232
88.9716	86.3457	98.7636	96.7979	109.551	110.486
0	0	0	0	0	0

10.332	8.7802	8.98983	8.48851	12.7519	10.1434
0	0	0	0	0	0
18.7375	14.5982	35.9208	27.0987	21.2973	21.0366
32.686	31.0466	25.7242	31.983	27.7191	25.5219
2.57034	1.75608	0.879603	0.377777	3.76927	2.33252
0.786363	0.500408	1.22257	0.571845	0.326211	0.32352
4.75623	4.37296	5.91226	1.78215	9.34203	2.23923
18.1116	18.1263	19.1789	15.7485	21.2941	21.8921
2.20602	1.93025	2.72013	1.55075	3.35549	2.60437
0	0	0	0	0	0
2.28178	2.64044	3.14849	2.04253	1.82426	1.50725
8.27932	7.36836	8.11617	7.50061	9.74701	9.84995
0.250782	0.468786	0.631897	0.428567	0.814926	1.15959
14.6262	14.4486	17.8846	15.9248	16.1558	15.6501
0	0	0	0	0	0
25.4179	28.0708	24.9577	29.2511	27.654	25.4733
18.1092	17.137	17.7019	17.0385	15.5563	17.2197
537.066	623.053	536.572	588.937	490.49	633.38
0.121607	0.256384	0.159714	0.279586	0.436702	0.435583
0	0	0	0	0	0
37.7105	42.1288	35.7294	42.7756	41.797	49.885
60.7971	61.5762	50.5618	51.4166	45.8014	53.2502
0	0	0	0	0	0
3.58912	3.49869	3.78824	2.78054	5.39953	3.25881
0.300772	0.405267	0.0290627	0.307409	0.44161	0.158385
1.72225	3.08219	1.95724	3.0611	1.51067	0.707818
0.21192	0.105106	0.169866	0.0292493	0.151404	0.0661009
0.168403	0.0390755	0.106478	0.120142	0.273758	0.0268404
53.2622	51.7372	49.516	54.0138	40.5438	45.5653
0	0	0	0	0.0480238	0
28.145	29.7788	29.2864	29.0656	28.4284	30.1762
0.824315	0.587006	0.469805	0.402484	1.08421	0.940516
29.1759	27.456	26.8767	29.6255	24.7526	28.7051
6.64486	4.71338	4.84365	5.89839	5.14737	3.31139
3.7802	2.06736	2.87806	2.2618	3.26981	2.49215
70.0909	63.1945	64.8643	66.1454	64.5383	70.0261
0	0	0	0	0	0
5.91343	6.61283	6.30227	4.95049	6.24214	5.13773
0.0920558	0.0908265	0.287543	0.260024	0.115644	0.15909
32.2759	30.8099	28.0246	31.2314	30.4993	34.8739
0.102996	0	0.0324396	0	0.125509	0.08659
12.388	11.983	15.0888	10.3355	13.8369	10.8749
1.67426	1.63529	2.43636	2.59463	2.11078	1.76869

0.0507396	0	0	0	0	0
0	0	0	0	0	0
1.40081	1.7994	1.24495	1.76148	1.82699	1.29627
0	0	0	0	0	0
8.48094	8.17331	9.80148	8.42543	10.1908	7.85254
3.60186	3.49438	3.89925	2.90421	3.2064	2.76817
51.6109	53.7944	62.0736	69.1384	63.7257	67.8013
8.90486	9.37979	5.47585	4.83102	6.5452	7.3973
0.0307846	0.0383637	0.155137	0.14029	0.133382	0.211364
120.291	112.984	131.879	103.539	140.769	116.239
34.5698	34.2894	28.185	33.5739	28.9336	37.5765
0.236615	0.294869	0.5962	1.258	0.598024	0.198925
35.4125	39.3996	37.4795	36.2193	35.994	37.8254
0	0	0	0	0	0
41.4149	42.258	30.8081	44.2619	19.4158	26.4923
0	0	0	0	0	0
0.205127	0.149782	0.318785	0.192845	0.456205	0.293408
0.149445	0.109741	0.0554717	0.26873	0.208114	0.0246779
0.330669	0.228933	0.52901	0.427305	0.265314	0.173749
43.9619	45.8589	45.459	52.3291	53.2436	54.1216
23.7357	30.9118	17.1905	31.9244	16.624	19.1674
18.4426	16.3882	18.2576	15.908	18.8816	16.0979
0	0	1752.7	316.992	301.382	233.918
0	0	0	0	0	0
6.29526	5.86919	6.78377	4.3091	7.04027	5.11021
2.544	3.14968	2.22504	2.19758	2.53351	2.39454
0.831538	1.0698	0.770386	0.839281	1.00767	0.78967
17.5285	18.7669	14.5815	15.6974	14.3063	14.4146
0	0	0	0	0	0
15.1939	16.0875	14.8679	13.5596	13.956	12.0961
2.02819	0.919101	2.09064	1.26037	1.79746	1.3951
3.83876	4.89623	6.57279	6.73625	6.93475	11.1006
0.0374727	0	0	0	0	0
0.810221	0.511844	0.342914	0.157453	0.855431	0.258413
3.58363	3.16971	3.41367	2.64882	4.74327	3.13037
42.3911	45.7002	38.6421	39.6713	35.1668	35.9216
0.0616534	0.0768324	0.0776743	0	0.0667817	0.103666
4.87E-09	6.63E-10	8.51E-09	1.16E-08	4.21E-09	9.18E-10
13.6365	13.1229	14.0863	11.6417	13.0807	10.6245
1.35922	0.787287	2.26715	2.18104	1.86627	1.85087
19.2329	20.6129	19.3572	20.1137	17.9835	22.0621
6.38027	7.85212	6.21434	9.23952	5.67733	5.96159
0	0	0	0	0	0

7.60061	10.2062	6.2558	6.77917	10.9641	8.50964
8.05543	9.29707	7.74985	5.3686	10.5274	8.21636
15.0053	14.0745	16.4054	13.5414	18.6678	14.2963
0	0	0	0	0	0
1.23153	1.06441	1.32632	1.38043	2.13005	1.33595
1.25965	1.20739	2.2617	0.766801	2.19317	1.44842
0	0	0	0	0	0
0	0	0	0	0	0
42.5766	40.8284	40.7985	38.5999	40.1514	36.6845
69.3727	57.584	72.1979	66.0126	58.8148	44.2249
0.754873	1.05139	1.00697	1.82121	0.769565	1.04527
10.1952	10.6313	11.2431	11.466	11.3839	10.3781
7.92265	7.5004	10.4777	10.6375	8.58165	11.0352
0.0245146	0.0101834	0.0411798	0	0.115066	0.0618292
44.2842	43.7828	49.5009	39.745	55.4665	41.9921
7.47687	7.84873	7.99297	6.46441	8.11131	5.74183
5.79064	4.36333	3.90217	1.53423	0.826582	1.50954
0.513932	0.904779	0.832473	0.483281	0.556681	0.548659
21.1228	24.7666	30.197	25.7231	30.631	27.4685
18.0352	20.1408	18.7214	16.4956	18.9507	15.9632
23.9456	24.4272	19.2655	16.1151	19.0295	18.7143
0	0	0	0	0	0
1.42138	1.47278	1.48892	1.38282	1.45311	1.35609
1.35334	0.782825	1.35442	0.70269	1.30191	0.613666
1.35974	1.59569	0.107842	0.128791	1.21432	0.575993
21.3342	20.6887	18.4882	15.6052	22.3273	16.7828
0.102978	0	0.240416	0.192911	0	0
1.68127	1.18722	1.08607	1.08537	1.50391	1.48892
3.64107	3.26707	4.58722	2.90381	4.72398	5.06101
9.84609	7.73555	7.9102	7.86673	7.63387	7.31799
0.652032	0.677135	0.867103	1.073	0.470845	0.913619
1.13921	0.971937	0.596177	0.34943	1.12956	0.714628
2.23242	2.37359	3.00133	2.66426	2.84417	2.4301
0	0	0	0	0	0
17.6679	17.4321	20.5401	18.0719	21.6304	19.2564
0	0	0	0	0.0598057	0
0.776918	0.968194	0.326268	1.20476	0.631156	0.217721
34.752	37.4419	40.4976	32.5151	29.2649	26.995
19.2127	17.127	16.1957	15.6043	17.8233	18.6675
0.213442	0.265991	0.115245	0.0347387	0.099084	0.128174
0.00836735	0	0.0421666	0.0571967	0.0362534	0.0281381
11.6767	15.2864	10.9961	17.6031	8.30423	9.32096
1.51628	1.27396	1.84446	2.05491	3.56488	2.19691

0	0	0	0	0	0.06089
0.29154	0.611868	0.540443	0.235532	0.508686	0.504519
4.71883	2.95624	3.67819	4.04514	5.45068	4.03302
10.0856	9.23523	8.91405	10.5097	8.73794	9.07462
15.2726	13.3749	12.8544	13.2682	17.2191	27.4658
154.782	148.072	77.4395	71.4097	53.7468	74.0873
31.6883	35.6474	40.266	46.2853	37.0458	43.576
57.4519	57.5859	51.2792	55.4886	53.6647	61.4311
0	0	0	0	0	0
0.473776	0.452165	0.300242	0.187555	0.73402	0.441465
0	0	0	0	0	0
169.46	183.883	149.211	182.147	126.018	148.205
0.917567	1.33405	0.963334	1.04537	1.49084	0.642842
35.9286	30.1259	33.2604	32.0876	26.7581	31.042
0.39366	0.0700826	0.566805	0.25628	0.304575	0.236396
41.154	33.3342	48.8724	51.1798	37.6628	37.6305
0.793461	0.659207	0.999645	0.770054	0.954956	0.494128
36.2419	37.7403	30.3354	30.0907	23.4464	28.7995
0	0	0	0	0	0
3.75258	3.79843	5.09434	4.06585	6.83537	4.98336
45.1208	55.3448	43.4721	50.8852	36.1676	50.0233
4.53101	7.50868	4.68568	5.01966	3.96894	5.40958
0.0245636	0.0612222	0.0618931	0	0.0798204	0.0413018
8.98979	9.94665	7.35649	7.32249	6.41587	6.32173
52.2067	54.0013	69.853	70.1784	48.0599	56.3066
12.8897	10.0274	10.9506	9.28623	15.2759	10.2565
20.0477	23.5725	23.3937	23.7206	21.9303	22.1036
0.15212	0	0.0958247	0	0.24716	0.191834
675.098	680.259	171.387	162.534	98.8818	158.661
1.30996	1.28265	1.002	1.75891	1.26689	0.825971
0.256362	0	0	0	0	0.538816
64.3353	66.158	64.8283	62.7245	52.6914	64.2525
0	0.0328823	0	0	0	0
11.9794	11.8062	14.0083	12.2799	13.6108	10.8184
0.704854	1.01852	0.786677	0.656134	1.58785	0.929228
0	0.0279316	0	0	0	0
0	0	0	0	0	0
0.0307806	0.0191794	0.0387791	0.0350678	0.100023	0.0129388
0.0626411	0.273221	0.276215	0.35683	0.169629	0.0789947
5.84825	4.97993	6.23319	5.73782	8.73942	10.0894
17.7258	19.4036	20.8044	18.4406	19.6589	18.2517
13.5851	14.8717	14.2421	20.6289	13.2883	12.9914
168.621	246.806	121.851	205.589	208.326	206.33

3.73211	5.77191	4.33186	4.35514	5.17203	7.50466
14.4867	13.8178	14.537	13.1137	17.0442	14.6655
6.85512	6.98301	7.04119	5.82013	8.60771	6.31381
1.57557	1.09741	1.86208	0.919677	2.67953	1.69199
64.6466	72.7104	57.4411	57.1954	55.1068	62.4079
0.77837	1.54965	1.1109	1.1187	2.54266	1.12875
0.576183	0.401228	0.661376	0.368338	1.53736	0.339839
0	0	0	0	0	0
25.6312	23.9172	24.3371	21.1897	22.3626	26.3511
0.795715	0.681738	1.00248	0.849885	0.700295	0.627157
0	0	0	0	0	0
10.1687	11.0735	13.6487	12.4494	12.5481	11.5345
4.41037	4.84835	4.33534	3.55185	4.51571	4.12355
0	0	0	0	0	0
4.83141	4.87181	3.52584	4.15073	3.35338	5.27633
46.2408	48.8757	34.5943	42.5878	32.3189	44.6705
4.26227	4.79089	3.86944	3.9514	3.30418	4.04004
0	0	0	0	0	0
0.473103	0.27177	0.549302	0.639381	0.396928	0.27689
20.5484	19.0856	20.6981	17.66	19.2016	16.5428
0	0	0.0641495	0.213373	0	0.0428076
5.41143	5.82725	1.32899	1.11268	1.16541	1.35966
11.077	9.72395	12.7209	13.5728	12.7103	11.6231
3.31789	2.76222	3.11685	2.72505	5.37222	4.81336
0.230199	0.606969	0.484047	0.350555	0.417712	0.452468
25.7787	24.2241	30.8028	27.8696	36.6695	34.8974
0.241961	0.480646	0.131494	0.243873	0.0896365	0.0579362
5.41734	4.10275	6.05697	3.17525	5.41512	4.24689
18.8965	17.6422	23.0887	19.9862	19.8445	19.4226
3.78576	3.59716	3.42677	3.88301	4.43737	3.74275
4.1579	4.1392	4.11918	3.46876	3.03563	2.61788
16.091	12.058	17.6898	14.7953	15.0973	15.0924
61.5146	62.8598	68.8946	63.4847	70.6281	74.4936
0	0	0	0	0	0
0.738445	0.843562	0.658986	0.736136	1.16648	1.1123
32.1428	34.0934	35.1762	36.8762	36.0969	30.6669
3.70263	3.45157	4.26071	3.94905	4.28427	3.12099
1.25289	1.01028	1.6713	0.79766	1.51676	1.85879
6.21505	6.39669	6.15218	5.31052	5.40965	5.20174
70.3467	74.7618	70.7641	77.1959	82.3346	84.6179
0.36338	0.251543	0.643804	0.525714	0.87862	0.305498
4.0465	2.53665	3.44501	3.3528	4.47606	3.51534
0.0226507	0	0.0285365	0.0258055	0.0245347	0

7.83063	10.2041	7.48795	9.13517	8.32784	12.0673
0	0	0	0	0	0
22.1505	19.1441	22.4724	18.2356	25.2682	18.9732
19.1011	18.8221	21.5833	18.516	22.566	18.0988
0	0	0	0	0	0
0	0.109325	0	0.0999456	0.142536	0.221259
0.120912	0	0	0	0.0436564	0
0.261292	0.45587	0.263352	0.416759	0.169815	0
3.49174	3.21628	2.6775	1.80306	2.90043	1.97885
89.158	84.692	73.7534	66.7898	61.2362	59.9067
0.533369	0.640066	3.2354	2.74572	0.363759	0.365371
184.634	268.44	77.5375	140.234	299.988	232.837
0.713168	0.330107	0.71879	0.603571	1.08148	0.942259
44.9745	49.0111	44.8457	49.6685	36.6399	39.3069
1.08546	0.801352	0.574367	0.770212	0.421964	0.589963
37.0729	38.3324	38.1492	39.5094	33.1559	32.1235
0.154835	0.231546	0.19507	0.0352802	0.2348	0.234309
2.51253	1.28091	1.43883	1.0409	2.59781	3.45651
1.10101	1.49298	1.55134	1.52936	1.7915	1.26903
38.5289	45.8926	45.2163	42.7273	143.822	160.833
8.58279	6.5432	10.0783	5.22267	8.30405	5.32461
87.5061	82.54	93.8449	72.2854	74.8704	73.634
2.43068	2.3114	1.98972	2.22169	3.31707	2.43602
10.4187	8.94778	14.65	8.58021	17.0758	7.97184
0.422338	0.380118	0.384283	0.695012	0.737031	0.414242
0	0	0	0	0	0
0	0	0	0	0.0345647	0
0.261292	0.586118	0.263352	0.238148	0.396236	0.175737
1.36861	0.741936	0.720006	0.248554	0.438682	0.157666
0.530242	0.361522	0.163218	0.227994	0.103778	0.0520948
0.580138	0.239159	0.0335779	0.189791	0.115482	0.140053
0	0	0	0	0	0
1.79715	1.7737	2.92476	1.66085	3.08376	2.86819
31.4446	30.92	33.9055	30.1935	29.635	31.4701
0.889928	1.13311	0.658733	1.25318	0.538851	0.731925
12.6333	11.3463	12.1851	11.8983	10.3398	11.6406
29.1558	32.7139	26.8213	34.1248	34.1614	33.7244
0	0	0	0	0	0
60.6481	63.9821	65.2378	63.0061	61.5721	59.7102
0	0.148813	0.300887	0	0	0.100392
7.4946	7.72677	8.49527	8.15793	8.26499	6.40611
0.889806	0.769824	1.10507	0.676932	1.35603	0.864306
15.3638	18.3521	15.5525	17.733	16.242	15.3419



5.19678	8.27516	3.07809	4.69123	1.31863	1.58802
0.710452	3.01024	0.358027	0.971287	2.15473	3.70317
4.44554	2.86018	4.943	3.22469	5.89052	3.35322
0	0	0	0	0	0
1.43374	1.28815	2.03131	1.52439	1.34094	1.04691
13.0277	14.1086	13.2916	13.182	10.6238	10.2982
2.02899	1.9922	2.36509	2.64463	4.66817	4.78151
0.222092	0.553541	0.0466339	0.126513	0.922167	0.311192
0	0	0	0	0	0
16.3302	17.4815	15.4647	15.8037	13.3396	12.7117
0.0856403	0.266812	0.161841	0.0487843	0.0927638	0
1.65319	1.27285	2.10459	0.779124	2.25007	1.04787
24.5897	24.5676	24.4569	24.1257	24.091	23.8321
0.132187	0.41847	0.734131	0.604562	0.658675	0.437351
0.280925	0.350131	0.884974	0.879981	1.5986	1.1209
0.451702	0.056291	0.341447	0.102923	0.293565	0.0759503
12.4858	14.7891	17.9662	15.5162	19.5857	21.3587
5.20038	6.96242	6.23138	5.74424	6.96207	7.90323
0	0	0	0.00529071	0	0
0.52365	0.155374	0.409054	0.116003	0.675527	0.231125
2.12184	2.1046	3.27332	1.5787	3.51786	2.69399
3.95219	3.7485	3.51977	2.16261	3.69046	2.55337
0.0896118	0.0973502	0.0659662	0.0907976	0.101164	0.0521739
3.50312	5.14629	1.48302	1.09135	1.53602	2.09055
0	0	0	0	0	0
0	0	0	0.0202306	0	0
39.3546	43.2939	37.1878	39.0794	38.6823	40.2883
9.67108	10.839	11.171	11.6208	11.209	11.2974
0	0	0	0	0	0
0.0194018	0.0241785	0	0	0.0210157	0
10.2703	10.7406	11.8425	9.14992	12.0732	9.40158
2.62654	3.07114	2.88011	2.47517	3.24896	2.5353
4.24E-270	3.58E-173	0.0188978	0	0	0
0	0.0426992	0.0863343	0	0.0742272	0.0576116
10.5738	9.66947	11.3408	9.55488	9.57874	9.06537
1.28479	1.90967	1.77462	2.3453	1.84366	1.73045
7.63184	8.22004	7.45163	5.96216	7.33665	6.71407
27.1509	24.1352	27.0459	23.8769	20.8274	23.722
10.8861	27.5345	54.1485	45.1997	82.0172	111.384
0	0	0	0	0	0
23.3214	24.5388	25.9001	23.096	22.924	22.5912
0.424614	0.661442	0.601821	0.241878	0.287458	0.713957
0	0	0.0833852	0.15081	0.0358459	0

1.47845	1.71385	1.11801	1.31416	2.05499	1.66541
12.3461	12.1704	9.21242	11.1209	13.4717	13.4329
4.31247	4.64586	5.73998	6.5078	5.63435	6.47058
2.237	2.39746	2.33918	2.62503	4.2646	2.82101
6.64387	4.94028	8.01014	5.87369	9.06521	8.31226
651.126	756.747	642.587	698.902	620.925	677.3
0.902907	1.6878	3.41259	1.543	0.733508	0.569314
31.4036	35.6024	32.8077	35.9851	24.3389	29.3525
6.17914	4.16452	5.75917	5.208	9.69819	5.67196
0.913279	0.347692	0.671449	0.202276	1.09894	0.426474
5.32359	6.13018	6.27955	6.52591	5.39894	6.14299
1.68161	1.47646	2.02229	1.61104	5.50586	3.7593
60.3001	62.0526	52.0922	60.2475	46.6955	53.972
14.126	14.3797	19.3152	16.2274	21.1761	15.5585
11.227	10.7711	9.06228	9.17866	4.3604	5.05111
4.25843	3.97564	4.91791	3.98117	6.56657	4.55025
26.4874	28.8026	24.9723	25.0365	42.0028	33.5274
5.77076	5.78287	5.05924	5.24155	5.43452	4.78486
0	0	0	0	0	0.0470953
0.671582	0.54722	0.748469	0.382561	0.447658	0.325735
2.54115	2.83918	2.8335	1.66385	2.75252	2.6275
13.6107	15.0106	12.2668	10.2726	13.2946	14.8151
2.54947	3.10956	3.21073	3.05937	3.0319	2.98465
17.2564	16.5772	16.5061	16.0499	15.0833	15.8274
0	0	0	0	0	0.0717074
0.0224135	0	0.169426	0.0766059	0.33989	0.282649
23.5136	23.3878	22.1383	18.6936	20.798	17.3574
400.959	401.711	376.6	454.123	297.89	410.032
3.07077	3.03343	4.24615	2.55986	5.84112	2.92795
0	0	0	0	0	0
14.4276	14.8116	11.851	12.8167	13.5624	12.931
0	0	0	0	0	0
54.6137	50.2489	70.2636	74.7143	80.0282	78.3219
0.852243	1.17099	2.09234	2.68877	1.98829	2.18622
8.31289	11.4497	10.8048	13.2	9.0208	15.4178
0.572163	0.520615	1.33619	0.801659	0.54768	0.341979
5.00323	6.25212	7.59925	6.4179	5.83642	4.5523
0.0457631	1.70E-266	0.0166452	1.03E-48	2.93E-67	1.99E-37
3.20E-08	6.00E-08	4.10E-08	5.10E-08	4.86E-08	2.00E-08
2.98795	3.29073	2.45425	2.37535	4.17261	4.66143
1.27865	0.695386	1.62555	0.728356	2.16562	0.557064
26.5333	25.2776	24.6569	25.0094	25.4401	25.2238
0	0	0	0	0	0

21.7709	19.9791	16.7722	14.2737	21.2327	16.1993
6.36399	4.21232	8.45823	5.01949	12.2212	5.91862
27.2254	25.8198	15.6768	24.322	9.2887	11.9233
3.23483	4.22631	3.35236	4.42841	3.33436	4.67151
0	0.117752	0.0595212	0	0	0
11.7008	10.3644	10.9178	8.56747	13.2268	8.86613
0	0	0	0	0	0
7.73881	7.54729	5.06113	4.62945	9.82168	6.79617
0.452104	0.140853	0.35599	0.128768	0.122427	0.0950222
923.846	1039.73	972.438	947.66	985.464	990.074
1.78778	1.86366	1.93547	1.13843	2.82741	1.78303
9.87882	9.63677	10.197	8.47522	11.2111	11.2831
15.0339	16.6425	19.1194	15.8457	15.0543	13.508
8.35998	7.34725	6.94624	5.21288	9.44281	8.34946
0	0	0	0	0	0
0.129042	0.160812	0	0	0	0
0.453297	0.225959	0.533016	0.344289	0.196401	0.431905
0	0	0	0	0	0
0.306072	0	0	0	0	0
50.7642	54.3228	45.7753	52.9154	53.048	60.185
0.0652601	0	0.0274061	0.123916	0.0471256	0.0731533
16.2185	14.7315	15.4195	14.2677	14.4253	15.5609
5.04707	5.62312	6.1503	6.20428	6.70984	6.01724
0.656571	0.632259	0.977581	0.476013	1.19608	0.501806
20.7306	21.4808	21.7888	13.8209	23.3282	23.6575
32.2138	32.4384	33.01	29.4096	29.7917	30.7717
0	0	0.185415	0.670682	0.24073	0.589593
0	0	0	0	0	0
97.07	59.1019	118.513	117.896	70.5336	89.5853
47.4796	46.208	49.799	49.5733	47.2693	44.7367
26.7273	25.481	26.5817	24.3674	26.1747	24.0456
0	0	0	0	0	0
0	0	0.27342	0.556319	0.470154	0.547366
20.0775	17.2901	21.8839	19.6537	21.5392	20.4596
0.285119	0	0.205262	0	0.264716	0.10273
0	0	0.15298	0	0.131527	0.102085
15.0162	18.3898	17.543	15.9228	14.4178	14.283
19.0753	17.5489	20.8592	16.3873	18.0352	17.5985
0	0	0	0.00529071	0	0
0.0903751	0.112625	0.113859	0.0686418	0.0326308	0.0253265
129.854	62.1204	250.681	187.22	212.287	333.515
0.653999	1.95603	0.659155	1.49018	0.425039	0.87972
0	0	0	0	0	0

6.17029	5.63021	6.4034	4.93271	7.13666	6.55903
9.06819	9.14942	12.0496	13.0666	13.4978	13.5793
31.5248	31.3917	29.7122	43.2099	31.8534	33.6034
0	0	0	0	0	0
8.74434	9.81953	19.0973	30.7818	40.6184	42.0911
0	0	0	0	0	0
13.7125	11.7943	10.9316	10.1097	13.3429	13.1554
0.401529	0.426799	0.297569	0.242182	0.281424	0.287928
3.2445	3.3694	2.92543	3.53332	3.46269	2.71432
32.8298	30.5607	29.5995	34.1806	30.7705	33.4247
6.72526	7.60138	5.61573	5.92467	6.05644	8.28378
0	0	0	0	0	0
0	0	0	0	0.0274253	0
0.252072	0.157066	0.0396967	0.107693	0.204779	0.23841
27.7436	30.6105	26.0124	27.8049	20.0943	21.4991
0.174363	0.0501441	0.135183	0.152807	0.188866	0.124037
11.6045	12.1629	11.142	11.1612	10.9953	10.8652
1.20322	1.04962	1.3643	1.69067	1.17298	1.01157
0.0150841	0.0187978	0	0.0859251	0.0163388	0.0380441
1.46012	1.67014	1.34613	1.38556	2.02487	1.69493
5.30467	5.98285	5.89561	7.43899	5.75432	6.18996
25.1065	20.9952	22.4756	16.8942	43.0595	37.3173
0.649186	0.970817	0.163576	0.295842	2.60178	1.36445
48.827	57.766	53.914	60.58	51.9142	60.8338
0.57657	0.307937	0.311312	0.563036	0.0892183	0.069247
0	0	0	0	0	0
0.0689372	0.0859094	0.0434254	0.117808	0.0746713	0.202847
0	0	0	0	0	0
0	0	0	0	0	0
8.24651	6.80113	7.28777	8.64978	11.6178	9.98691
8.00008	11.0264	13.1009	15.7493	18.4668	15.3116
0	0	0	0	0	0
0.0971171	0.0605136	0.18353	0.0553219	0.368183	0.122471
6.64047	5.89477	6.48326	6.4698	6.57348	5.41885
4.27821	3.76898	5.97066	5.37214	9.60437	4.1582
36.8223	38.2293	33.8422	36.0879	28.017	35.5094
0	1.10093	0	1.00648	0.212648	0.742711
44.0401	42.2457	49.4135	39.8289	45.2368	41.9573
1965.47	2300.16	1316.16	2050.61	862.224	1401.46
0.193181	0	0	0.220088	0.104625	0.0812048
13.4304	13.3368	13.4636	16.0091	14.3994	16.6921
0	0	0	0	0	0
0	0	0	0	0	0

24.733	27.5673	21.4312	23.7391	26.4633	29.1314
0.020085	0	0	0	0.0435113	0.0168857
0	0	0	0	0	0
0	0	0	0	0	0.0654128
12.8992	11.0153	11.8034	10.6244	13.4303	11.3527
0	0	0	0	0	0.0100459
72.0095	75.6068	61.5534	63.8733	52.8324	67.6754
32.6135	29.3392	32.9081	28.573	26.2753	19.7237
2.42865	2.55415	2.62347	1.56389	2.93618	2.00804
2.22657	1.73533	3.27827	2.0605	2.05247	1.79572
162.698	165.324	87.537	108.976	93.8719	124.504
3.54998	3.17525	3.46653	3.67383	4.28349	2.61116
0.131396	0	0.331081	0.149698	0.426978	0.110467
0.359868	0.133586	0.472674	0.331483	0.514207	0.128743
2.55515	3.37605	1.82288	2.63046	3.20119	2.97635
2.73612	3.16532	2.28215	2.08534	2.17919	2.3628
0	0	0	0	0	0
5.3397	6.13691	5.75117	5.64215	6.38388	6.14229
1.90642	1.68069	1.20147	0.787093	1.13364	1.32027
16.0983	15.9133	17.0095	14.9144	16.2764	15.2369
0.102352	0.0255101	0	0.046643	0.0221731	0.0172097
0	0	0	0	0	0
0.275935	0.52223	0.810738	0.226009	0.514556	0.315179
1.28638	1.11759	0.912899	0.993797	1.30244	1.30111
12.0951	11.6638	8.91812	7.28375	8.72994	8.39518
0	0	0.161489	0	0	0
47.1882	48.1274	47.1644	48.0245	44.3046	43.9216
129.734	144.397	152.002	132.609	130.073	127.59
0	0	0	0	0	0
28.5373	28.277	27.7944	28.8225	27.6658	22.2384
18.403	16.9393	15.4046	16.3699	16.3706	17.7415
0	0	0	0	0	0
0.0682298	0.0212562	0.0214891	0	0	0
0.299559	0.37331	0.0838667	0.0758404	0.519162	0.251843
0.0986976	10.988	0.186517	94.7626	0.534536	6.7904
127.088	109.304	102.281	105.37	99.7105	110.24
19.9049	18.5919	20.873	21.5591	18.4988	18.5497
191.588	202.575	186.816	193.605	155.643	174.998
2.49741	2.54449	3.22078	2.23007	3.78355	2.82312
11.3026	12.0081	13.1543	10.6152	12.6891	9.27395
2.42922	3.02729	2.10407	1.72973	1.15118	1.65935
10.7435	11.1781	10.4451	10.5371	11.8088	13.8379
18.0821	19.0445	14.8901	21.9605	16.1861	14.5947

0.711308	0.612248	0.567101	0.331686	0.385237	0.601565
0	0	0	0	0	0
0	0.0938855	0	0	0	0
13.0532	15.3564	11.7234	17.5629	10.7222	14.6858
0	0	0	0	0	0
1.59349	1.68798	1.004	0.937911	1.17938	1.67447
3.80894	3.97488	4.7597	5.22147	4.52828	5.41514
11.1451	11.2992	10.7721	11.7452	12.4006	12.9954
34.2184	37.8421	35.5601	33.9282	26.0113	28.7696
28.9735	72.2136	73.0049	132.036	156.918	267.943
9.85293	10.867	11.068	9.64134	10.3509	8.67462
4.56467	4.76505	2.96884	3.64551	4.21531	3.30332
2.83754	2.62821	2.88245	2.09692	2.35363	2.90135
5.66162	5.82359	5.97798	6.30686	5.56798	5.54553
53.89	49.6763	60.0071	58.6196	58.3779	57.3451
4.68765	4.36382	4.5841	4.94825	4.89203	4.88408
1.99135	1.60151	3.52942	2.48415	6.09923	3.71793
16.1814	14.2158	13.5486	12.5955	13.5537	17.6174
0	0	0	0	0	0
16.0284	20.318	24.2381	26.5789	17.6434	18.1441
0	0	0	0	0	0
17.7215	18.0088	17.5354	16.1461	16.1199	18.8205
16.7151	16.2763	20.0842	20.1997	24.3151	30.2888
3.74073	4.51127	3.94404	3.80873	3.09392	2.52982
16.512	14.5045	16.6052	15.6521	19.5531	16.9526
0.102038	0.0317896	0	0.0290623	0.0276311	0.0857848
0.125939	0.156945	0	0	0	0.105879
3.48612	1.72279	3.63105	1.79907	4.20818	2.70707
20.5006	22.8229	27.024	29.3383	18.6052	21.5251
22.0258	21.9209	24.9661	20.4499	23.4466	22.6552
3.91948	3.7589	7.13927	8.51278	4.04235	3.17721
14.4432	13.6125	15.1913	12.0334	13.4446	13.1307
12.6201	13.3726	15.1365	11.9493	13.5911	10.7931
31.3429	33.7663	32.9602	33.6103	35.2956	38.8073
127.141	128.811	94.1895	91.2832	87.9017	99.4735
0.107242	0.122507	0.163256	0.203631	0.130682	0.082646
61.3575	42.7968	73.071	66.078	83.8204	119.079
0	0	0	0	0	0
0	0	0	0	0	0
1.98067	1.8173	2.03909	1.80745	2.80022	1.70045
12.5487	11.5262	11.1697	14.5936	13.9937	11.9096
2.77727	3.40143	8.25688	7.04329	3.38084	3.15621
2.881	2.81402	4.36538	2.70566	6.4662	4.05864

30.9595	30.5467	24.4928	22.9329	28.0267	33.0546
5.34237	3.25235	6.7764	6.05853	5.69233	8.33342
0	0	0	0	0	0
9.55039	9.69552	9.87924	8.10322	8.63007	7.73378
0	0.0352401	0	0	0	0
0	0	0.0642638	0	0.499089	0.0428838
7.38561	5.74009	6.8035	2.26191	8.77413	2.53708
38.9301	32.8082	39.5323	36.995	39.0938	41.0481
110.413	100.496	102.55	85.5269	85.6294	97.9119
27.1341	25.6511	27.3195	27.0854	30.0945	31.4762
45.7649	43.134	44.2088	45.1359	40.9142	52.8963
0.0633993	0	0	0	0	0
40.8826	42.5538	43.3305	37.8756	43.2745	37.8585
6.05668	6.29159	7.14617	4.91439	7.21708	6.21993
0.839228	1.4007	1.73052	1.32748	1.26963	0.944604
7.4704	5.75948	5.89063	7.65715	11.7705	9.9902
1.0518	0.698246	1.7208	0.996061	2.03071	1.33995
4.45579	4.81675	4.1362	4.81234	7.41932	7.101
9.72681	9.67768	13.6379	13.137	9.94111	9.76018
0.039913	0	0	0	0.0432329	0.0335553
8.35664	7.82507	8.88129	9.14827	11.2599	9.0076
13.9575	13.0122	9.73187	13.2918	8.42483	12.0926
46.3677	42.5359	26.9121	35.5727	18.8898	29.042
1.05539	1.61647	0.902257	0.976471	1.21824	0.756954
15.2592	18.2517	13.1355	11.3787	13.1815	17.592
0	4.16788	0.0489947	37.8815	0.294868	2.71365
0.0664915	0	0	0.0378761	0	0
16.3501	17.1567	19.7142	19.3988	17.52	16.9292
0.0443386	0.0444225	0.0225345	0.0301284	0.105791	0.00752233
50.7472	50.1215	46.4123	48.2225	48.928	44.8754
0	0	0	0	0	0
84.5741	109.108	43.9446	82.0804	9.00104	21.9012
20.5023	19.2862	23.3814	20.6427	21.0812	18.5934
0.551642	0.323509	0.613225	0.295754	0.632676	0.463772
0.394203	0.25316	0.192065	0.103069	0.118021	0.164746
0.0813476	0	0.102486	0.0926779	0.176228	0.102585
9.65284	5.5118	16.2554	9.88747	26.7651	11.8284
0	0	0	0	0	0
298.838	340.66	327.905	394.278	222.738	283.897
486.687	495.227	414.57	443.501	339.01	366.553
3.17502	2.22425	2.39569	2.54733	2.64361	2.48043
0.423336	0.372317	0.372317	0.461402	0.426624	0.294492
9.93705	9.34102	10.3203	8.39038	11.4761	9.95141

0	0	0	0	0	0
0.0730914	0.364346	0.0920845	0.374723	0.0395856	0.153622
8.11544	8.22479	8.62287	6.51709	8.89638	7.02825
0.0867175	0	0.327755	0.316126	0.201177	0.0766222
225.861	258.944	236.949	249.963	215.837	269.662
9.33897	9.93506	10.4744	12.3265	15.3279	13.2612
6.09915	5.86635	7.01362	6.76211	7.0942	7.53658
0.197092	1.07178	0.519189	1.5514	0.310526	0.843553
0.0900355	0	0.068059	0.0820607	0.0585148	0.0454164
6.19738	5.49051	6.2877	5.89422	7.20794	5.80962
0	0	0	0	0	0
8.02659	7.13901	9.91859	6.63194	11.0763	7.26519
0.482992	0.398729	0.893372	0.388028	0.33491	0.26375
1.27237	0.65619	0.850815	0.42596	0.647974	1.13158
22.2498	22.885	25.4737	25.1003	27.9238	27.315
0	0	0	0	0	0
0.0174985	0	0.0661365	0	0	0
20.4415	18.9317	20.7999	19.7315	26.9316	17.6044
0.669781	0.776892	1.21611	0.416712	0.715894	0.527209
18.6926	19.2681	18.1285	20.3688	13.4083	12.6469
42.7053	44.7335	44.0906	43.8788	55.0654	53.6551
0.49085	0.333653	0.913544	0.368575	0.712932	0.29074
8.44905	9.1435	9.94591	9.33642	9.81623	9.39218
154.403	172.262	172.676	184.928	139.797	161.742
2.42747	2.15588	2.24062	1.98463	2.56427	2.62209
0	0	0	0	0	0
26.4607	24.8502	23.1812	19.8712	22.3387	21.7081
3.23447	3.37455	3.20996	2.61662	1.97285	1.67774
5.37125	5.57951	5.34484	5.24795	6.21193	4.97678
8.99869	10.0324	5.84645	5.8616	4.80803	6.64932
0	0	0.132582	0	0.569945	0
29.5374	26.6597	55.9413	29.8904	44.8354	27.307
4.52579	4.61829	5.47459	4.95066	4.99105	4.13575
1.31328	0.997073	1.3294	0.528393	1.55091	0.642021
3.68074	3.82097	3.81813	2.26879	5.33137	3.55335
1.76417	2.26271	2.77198	1.96293	2.87385	2.50737
1.71301	1.61293	1.72652	1.99498	2.39153	2.8163
0	0	0.0274573	0	0	0
1.48374	1.11411	0.624148	0.32677	0.988415	0.432466
1.00705	0.717135	1.45646	0.0819512	0.63631	1.20949
1.5198	1.33591	0	0	0	0
3.63058	3.91942	2.5795	2.02001	2.10351	2.43115
0.102607	0.127869	0.0517079	0.070139	0	0



3.41941	3.24295	3.30708	2.90859	3.59965	3.36299
14.9981	14.7832	12.3775	11.1334	18.057	13.6635
0.536022	0.673562	0.225506	0.239891	0.565458	0.637479
9.28945	9.20244	8.95888	7.79562	9.29145	10.3909
6.92606	7.88445	6.49454	6.4983	6.08057	6.52619
0.082878	0.103282	0.104414	0.0944215	0	0.0232255
5.7698	3.80488	6.57249	4.65619	9.73924	7.19527
8.1755	7.33465	10.9874	7.1517	12.417	7.41432
0.497872	0.620448	0.139388	0.567218	0.419444	0.74412
0	0	0	0	0	0
1.07028	0.986072	1.56511	1.52419	1.4181	1.3015
8.07508	9.66063	4.06937	7.54384	5.59793	5.43106
0	0	0	37.2952	35.4586	0
0.669103	0.55589	0.638615	0.900896	0.724758	0.289784
27.1189	24.9589	21.3042	20.3682	18.8613	18.2224
1.10738	1.76047	1.43735	1.05891	2.04819	1.82766
0.459079	0.520095	0.683532	0.19019	0.135618	0.31578
0	0.20085	0.203051	0.367237	0	0
0.387644	0.772902	0.486227	0.440382	0.250746	0.162501
28.0356	26.462	27.5702	28.6108	26.4202	24.1007
4.30808	4.4408	4.58997	4.45367	6.10669	5.20922
12.4181	11.0532	14.5413	13.086	15.0995	12.6909
7.52023	6.49611	9.04521	7.15437	9.99771	7.37067
268.382	304.052	92.2152	55.5933	317.134	205.12
0.733652	0.228569	0.635452	0.261199	0.248336	0.0770988
0.0451431	0	0	0.146443	0.0977961	0.0202619
64.1169	62.069	64.8151	60.5151	65.8515	63.924
65.1486	62.9928	56.4705	55.8946	49.6089	60.9834
38.9121	39.8276	38.7358	35.777	38.63	45.1607
20.8928	17.5335	24.7559	22.5675	27.2141	39.5988
6.33619	7.17165	17.58	18.3434	16.7501	20.0039
0.0362695	0.0451991	0.0456943	0.0413213	0	0.121969
0	0	0	0	0	0
0	0.0379385	0.0383542	0	0.0329757	0
4.00449	6.43829	5.32905	12.4424	5.10734	5.88919
0.12385	0.173635	0.0585125	0.0705503	0.301842	0.0520612
10.6564	8.99275	11.6548	10.7784	8.52077	8.65916
11.2177	12.7458	10.1073	12.1892	13.0622	13.6632
0.0905476	0.626891	0.139744	0.974317	0.294238	0.110134
0.362038	0.287109	0.116102	0.232479	0.249551	0.127282
28.7393	33.2603	29.9254	31.0784	21.4444	27.2261
12.3767	13.9326	11.4843	13.6751	11.1771	11.0433
42.9744	39.9642	40.7631	38.5507	34.6284	35.595

0.0652667	0	0.0411133	0.0743572	0	0.0548705
0.0896539	0.0558633	0.141189	0.0766059	0.0485556	0.0188433
0.148691	0	0	0	0.161059	0
0	0	0.203051	0	0.174576	0
0	0	0	0	0	0
2.51091	2.817	2.14052	1.54806	2.0964	2.74482
5.84347	7.21513	4.95916	7.46683	6.20444	5.69935
13.4395	11.6703	14.0578	11.8649	14.1814	13.842
0.366715	0.416383	0.430543	0.260301	0.479384	0.392302
8.09329	6.84483	7.7512	6.61138	6.32785	5.27034
0	0	0	0	0.0478397	0
3.74595	3.76169	4.33681	3.90246	4.52277	4.30506
0	0.0198969	0.0201149	0	0.0172941	0.0134229
23.3003	22.2341	19.9651	20.2595	24.019	25.2602
37.2023	38.0057	36.7959	35.6075	30.3288	30.6635
0	0	0	0	0	0
0.432914	0.593446	0.418146	0.44389	0.390769	0.266901
75.7723	91.2869	87.0197	87.1971	111.393	112.951
0	0	0	0	0	0
2.99792	2.9624	2.93104	2.68277	3.20606	3.12047
18.9216	21.6663	18.7253	20.6823	12.4755	16.507
3.33726	2.97296	3.28421	2.49662	3.52729	3.00453
34.8835	0	0	119.227	0	117.308
5.89776	5.77757	5.34474	7.63015	5.12613	5.58535
0.0495155	0.0723121	0.0116963	0.010577	0.0536342	0.0921581
2.9626	2.39655	3.14311	2.48702	3.82832	3.62693
23.3536	22.1113	27.0156	23.7695	27.5947	25.2288
0	0	0.0140818	0.0509365	0.145285	0.0375876
21.5035	23.6156	23.6536	22.3311	24.1328	31.2209
0.0382752	0.0238493	0.0964423	0.0218031	0.124377	0.0804461
0	0	0.212064	0	0	0
0.991434	1.57653	1.0399	1.16588	0.72199	0.724906
5.34917	4.79414	4.64665	4.49414	5.42371	5.04129
0.297138	0.222176	0.14974	0.0677048	0.128741	0.099923
34.225	39.1988	30.2879	35.0592	38.2599	44.7551
3.70147	3.3704	3.94222	3.63365	4.19726	4.01584
14.7885	12.1376	19.4149	14.2384	20.6538	16.0419
0	0	0	0	0	0
0.304572	0.339031	0.041968	0.0379516	0.144333	0.149366
3.34327	3.66115	3.96837	4.70048	4.26969	3.75524
0	0	0	0.0469265	0.0223078	0
21.0619	21.6859	24.1511	27.1142	26.8625	23.3724
11.3531	9.73729	20.5293	15.5212	26.0271	24.5916

0.367704	0.057279	0.231627	0.471284	1.34423	1.00468
0	0	0	0	0	0
0.0390738	0	0.0492273	0.0445162	0	0
5.13101	3.31132	6.88047	9.21873	3.94491	2.92626
12.1128	15.095	15.544	18.2118	14.1609	16.619
52.5808	57.9732	47.0764	52.5709	26.6209	35.1041
0.0331927	0.102137	0.0931277	0.0768339	0.0575268	0.173878
4.96831	4.93208	4.91955	5.2427	4.44053	3.90502
0.433007	0.34019	0.3202	0.15014	0.356866	0.110793
1.164	2.86721	28.9636	23.9712	32.3757	24.3773
0.732256	0.338745	0.670936	0.834247	0.865271	1.1193
7.44969	6.86194	9.87521	8.11829	8.84121	6.68512
6.61	4.93819	4.8496	3.99337	5.10433	2.32489
32.114	36.0497	33.1049	32.7017	34.2534	26.0729
163.388	162.284	148.95	165.553	116.448	160.168
0	0	0	0	0	0
4.59628	5.51945	4.43606	5.73591	3.07479	3.85184
0.199738	0.135384	0.291302	0.13465	0.48893	0.137581
3.42564	2.90232	4.17608	2.6814	6.35337	5.21089
2.27809	2.50087	3.06523	2.37933	2.50789	2.69796
0.133008	0.165754	0	0.303067	0.192095	0.0745475
14.6288	16.2924	11.4358	10.7176	11.5377	11.6248
4.30781	2.38595	3.91965	2.45391	3.62921	2.71622
0.258142	0.281485	0.243916	0.441146	0.419422	0.325535
0.349981	0.109036	0	0.398727	0.379092	0.331013
49.0958	48.9283	54.2246	50.8751	49.5366	43.3556
42.8545	35.8447	42.632	36.2956	36.6003	36.1573
2.4417	2.1871	2.73975	3.9304	2.30044	2.79289
0	0	0	0	0	0
0.0482737	0	0	0	0	0
0	0.0477863	0.0483099	0.0436866	0	0
2.67383	2.50007	2.53197	2.06906	2.32335	2.28548
22.8585	27.3113	21.9336	38.3541	22.428	27.9711
2.42427	2.32458	2.49428	2.37065	3.68358	2.64388
5.61742	5.52704	7.82209	8.67366	8.96707	8.82398
0.902079	0	1.13649	0	0	0
0	0.0508312	0	0	0.0441818	0
0.36756	1.14513	1.0805	1.8844	1.99067	2.4721
27.4689	28.0768	32.1206	28.6796	30.8164	26.1387
0.0329242	0.00760264	0.0225455	0.0566672	0	0
19.7211	19.4159	18.4648	19.5623	20.3181	23.2152
12.1785	11.0672	10.1386	6.1078	13.1719	7.37603
5.40185	6.60788	7.89109	6.56955	6.99987	5.32152

16.1327	20.9688	17.152	23.0371	19.491	20.4979
0	0	0	0	0	0
286.234	251.333	247.029	255.341	186.144	347.987
5.54183	5.44304	4.46723	4.60152	5.01081	3.5338
0.269388	0.0839276	0.509084	0.666035	0.513681	0.227264
12.9711	12.5547	10.8453	11.4734	13.8601	13.2739
47.7771	54.8469	55.9012	60.4978	70.5084	68.1498
0.1029	0.0256468	0.155567	0.0937859	0.133751	0.121113
5.36101	5.2393	6.85857	6.18801	6.84887	5.20422
9.90685	8.52586	12.6382	12.4149	8.14506	11.0126
48.7382	52.715	134.306	138.237	82.0634	79.0012
0	0	123.726	0	0	27.5213
1.00398	1.59238	0.804914	0.467924	2.3727	1.76484
17.2147	17.9223	19.2955	17.9869	19.5695	18.8999
7.21286	6.88274	14.0202	12.3497	17.7686	13.3176
17.4892	18.6255	18.5009	17.1903	16.762	15.352
12.5433	14.3289	9.28759	10.1224	10.9945	12.141
0.122733	0.038224	0.206171	0.0349446	0.207733	0.185738
0.109576	0	0	0.0780205	0.0659334	0.068237
13.483	13.6649	12.057	11.653	14.6988	14.6051
5.94086	6.09619	7.19843	8.58554	9.45601	8.6235
7.28454	7.69128	7.38557	6.86594	6.8368	5.4521
0	0	0	0	0	0
8.67403	9.55274	7.23149	5.02365	6.1772	5.93575
1.45855	1.45412	2.20508	1.32936	0.315975	0.735734
19.3929	19.2913	18.8344	17.6658	18.8951	20.907
1.49317	1.38569	0.800501	1.62875	1.27325	1.20191
1.91501	2.79794	3.24457	2.03127	2.00277	3.88613
21.6339	20.2987	22.5543	23.6706	16.824	20.986
3.05178	2.7605	2.91121	2.45104	2.31308	2.73314
1.90998	1.83962	2.95281	3.03165	2.60184	1.8017
4.16659	5.48414	2.10642	3.26208	3.69244	3.44264
0	0.292163	0	0	0	0
28.1104	28.6371	45.2979	40.1895	47.9639	47.217
0.648694	0.425474	0.430136	0.505663	0.258872	0.602771
0	0	0	0	0	0
25.4278	21.4058	23.4767	26.4687	26.8214	23.6415
24.2309	25.9538	23.3182	24.7173	25.3455	31.5646
0.139679	0.174068	0.351951	0.318268	0	0
56.1072	54.8964	50.1631	52.4507	43.5895	42.4085
1.36988	1.21424	0.836292	1.02147	0.994702	0.670841
15.9542	12.0892	16.3748	14.1986	17.3861	14.1989
21.2145	24.3682	25.0483	22.9076	19.0479	22.1892

1.87164	0	0	0	0	0
0.0089895	0	0	0.0204832	0	0
2.32333	2.56678	2.57415	2.36534	2.60583	2.29957
2.62433	1.62744	2.55562	2.55657	4.4218	3.30409
40.9661	44.5195	52.0121	47.2148	56.8738	48.2993
0.437028	0.412284	0.749166	0.559035	0.448445	0.328635
0.266744	6.87E-27	0.17254	4.86E-25	0.161838	0.0550577
4.53351	5.19916	1.79274	2.55732	2.21936	2.40001
2.96135	3.8806	2.85972	2.78907	4.18589	3.61646
0	0	0	0	0	0
0	0	0	0	0	0
0.688524	0.796749	0.43372	0.224121	1.33178	0.785583
0.0298751	0.111691	0.0376382	0.0680723	0.12944	0.0502327
0	0	0	0	0	0
123.431	114.257	111.112	121.106	106.364	103.183
0.226771	0.353252	0.392836	0.161473	0.245634	0.40513
0	0.0596092	0	0	0.0518116	0.120641
37.2545	33.4644	35.2014	35.163	36.3769	37.6644
7.86033	15.5305	3.27451	4.21916	3.55579	6.79645
0.0633912	0.118503	0.0399317	0.0722301	0	0
21.7559	21.697	23.0144	24.6456	10.7161	10.1835
3.86292	4.43103	3.87125	5.40129	5.32539	4.61307
8.97404	8.52966	8.62982	7.14679	8.38705	9.48484
0.0048697	0	0.0383445	0	0.0638246	0.0163761
16.6172	19.3845	18.5097	18.8817	15.1902	17.1923
38.785	39.1529	31.0168	47.1028	30.1891	52.8737
6.70227	6.84168	7.31314	5.31185	8.66122	5.69348
0	0.500368	0.337234	0.30496	0.144971	0
0	0	0	0	0	0
0.419603	0.377657	0.49927	0.239023	0.328254	0.235177
4.57544	5.07653	6.56396	5.24635	4.55634	4.45464
15.851	14.9669	16.1182	15.6723	15.461	15.8403
4.62907	4.54866	4.78544	4.9022	5.19004	5.16391
112.178	108.793	95.7276	104.473	81.525	112.079
0.196141	0.366645	0.123554	0	0.318683	0.0824489
34.5615	34.3191	32.6455	30.1049	29.9391	29.9349
193.955	166.236	139.056	157.774	120.225	165.6
63.0199	62.2594	59.5499	60.7106	61.7399	64.6061
1.99779	2.10488	1.76184	1.26217	1.57379	0.992469
476.922	545.208	514.615	505.401	409.385	427.759
27.4909	29.9917	23.8188	26.8833	33.5387	34.8353
0.211403	0.0496612	0.361546	0.045158	0.269822	0.033508
1.49886	1.63798	0.813441	1.41864	1.27385	1.08563

0	0	0	0	0	0
1.61017	1.0033	0.507146	1.03187	0.436027	1.38189
22.7317	21.4959	41.8603	27.7808	61.3011	33.8405
7.87547	9.62976	10.6391	10.314	10.2209	10.489
65.4616	60.6772	69.8223	71.3129	55.1334	59.4154
8.74837	8.42165	7.36842	7.83911	8.49119	6.13594
19.5554	23.8971	24.2024	28.0552	16.8858	23.0514
2.88387	2.81989	1.99754	2.66698	2.13345	1.98107
0	0	0	0	0	0
12.005	13.5498	14.1693	14.8943	12.9671	15.4831
120.367	135.808	98.6979	114.913	87.0155	115.824
5.58789	6.26718	8.74951	10.4586	7.30637	6.74462
42.963	51.0407	45.8457	54.9241	45.1965	57.5429
0.583525	0.949797	0.960205	0.407021	0.825552	0.810954
0.0395495	0	0.0249133	0	0.0214196	0.0332498
1.09192	1.11776	0.945767	1.0774	0.749777	0.483585
215.522	202.668	225.57	303.029	260.119	249.426
0	0	0	0	0	0
0	0	0	0	0	0
8.88158	9.01615	9.3273	8.83349	9.26923	7.41235
5.11498	4.87636	6.07316	3.13176	5.40403	2.85382
0	0	0	0	0	0
0	0	0	0	0	0
1.71832	1.64753	1.33807	1.33427	1.4876	1.52815
1.45E-08	3.16E-09	1.97E-09	2.21E-07	7.66E-10	0.244358
31.7159	32.3718	26.2513	24.0238	23.9542	24.9802
140.038	151.291	171.747	164.822	161.357	167.454
0	0	0	0	0	0
29.0853	25.3273	24.3965	25.8124	26.3384	23.7914
87.068	81.063	98.4424	78.4655	120.085	92.1689
3.25263	3.20444	4.74161	3.78369	5.03075	4.1784
1.19676	1.21097	1.14692	1.28188	1.79489	1.76288
0.0176	0.0219331	0.0665204	0.0200514	0.019064	0.0295931
0.079005	0.24614	0.19907	0.225023	0.128365	0.0332102
22.6689	20.6541	21.1627	18.6064	23.3926	21.2811
0	0	0	0	0	0
0.311058	0.38764	0.465367	0.310085	0.905504	1.01335
28.4962	27.9226	28.9269	27.6549	24.4523	26.4196
0.257814	0	0.324808	1.17489	0	0.866989
39.5	44.4975	42.4859	44.7241	41.6923	43.39
5.44802	7.53906	7.07426	8.12982	4.34443	4.53807
0.146212	0.39834	0.0497355	0.410594	0.121156	0.339418
0	0	0.0757293	0	0.0651095	0

12.3118	12.1653	12.0895	8.3713	11.6036	9.14566
47.4982	51.7712	45.3339	58.1009	37.0506	61.7847
0.413787	0.51566	1.04262	0.117855	0	1.21756
12.6416	14.1802	10.801	13.6376	10.2081	10.8588
0.353085	0.66002	0.347527	0.754244	0.262937	0.742106
1.23764	0.97111	0	0	0	0
0.508996	0.50554	0.641085	0.646753	0.815356	0.761071
14.8837	12.9387	17.8844	16.0359	17.5493	15.7953
48.3502	46.1361	48.439	43.4679	41.1281	42.8674
19.7585	18.5333	24.0753	17.6976	25.0886	21.5322
0	0	0	0	0	0
103.314	102.871	115.061	124.25	117.581	143.813
2.27127	2.8922	3.39764	0.97	2.55127	3.4448
0.74176	0.660985	0.446734	1.42447	0.270256	0.252545
1.26267	1.06595	3.28419	3.0627	2.42656	1.95187
7.49362	7.26238	10.3295	7.54123	7.86251	8.44609
0.465353	0.802969	0.450982	0.774862	0.659157	1.23387
0	0	0	13.6446	0	27.6892
7.9777	7.79109	8.47714	7.54344	9.95056	7.94333
3.23374	3.56627	3.01047	3.70045	2.89827	3.01938
0.472089	0.418015	0.579112	0.353844	0.659382	0.344669
9.59914	9.49548	8.20352	8.76593	9.26478	10.2159
0	0	0	0	0	0
0.353425	0.440439	0.31691	0.252659	0.334561	0.802506
8.07968	7.28332	10.7476	9.34521	7.15245	7.22368
8.32923	8.49389	12.8729	9.38486	13.1607	11.6791
0	0	0	0	0	0
1.3851	1.69915	0.969965	1.18356	1.58104	0.967792
3.9209	5.07909	5.68722	4.96661	5.42056	4.46741
23.2228	22.8595	23.2282	20.2398	24.0569	21.0765
47.827	38.4473	61.4329	44.9198	73.8937	61.8208
12.8132	14.9285	14.4265	11.6346	13.1949	10.3609
0	0	0	0	0	0
12.1277	12.8519	15.2288	11.4347	12.7094	11.1735
7.02782	6.52665	10.5963	6.13996	8.80645	6.66689
21.624	18.7917	22.926	22.4676	23.0666	33.0356
14.9751	10.5164	13.7245	11.572	19.2787	12.3059
29.9193	27.997	25.5338	25.2061	29.0184	27.0942
2.29323	1.95004	2.03939	1.47537	3.27301	4.26416
0.0996261	0.0558693	0.0784465	0.0227005	0.0647478	0.0670055
0.589475	0.413639	0.665369	0.489895	1.10375	0.866759
3.06785	3.7605	4.50268	5.49374	4.30332	4.05774
9.03477	8.60731	9.0957	7.92213	6.50946	7.20963

8.12223	8.89915	7.3624	9.60237	6.60278	7.69506
9.45447	9.26339	13.043	10.1061	10.2409	10.0064
9.39422	9.7592	11.5038	8.92193	12.6029	9.61418
35.0355	44.3008	35.4943	35.5297	39.8531	35.4112
2.90542	3.83212	3.82585	2.84257	3.69236	2.88423
16.0371	14.8188	21.9048	15.6437	47.6027	22.6954
393.97	378.061	384.969	466.625	350.975	494.588
6.73342	6.14503	5.68219	4.46382	5.72557	4.51606
0	0	0	1.02465	0.121774	0.283546
2.45555	2.86478	1.28353	0.982124	4.6405	4.1947
20.8025	19.4801	23.4504	17.8088	27.8762	25.6589
0.114259	0.0711945	0	0	0	0.144088
8.65716	8.80482	9.65272	8.01222	10.9609	11.7531
0.31224	0.752285	0.327814	2.90512	0.552413	0.621259
10.9908	10.7339	10.0413	8.48093	10.744	9.04346
0.319954	0.455687	0.287925	0.208296	0.0990194	0.038427
0.971826	0.356406	1.96537	0.68516	1.60665	0.344083
7.48167	7.38089	8.70611	5.23879	11.6599	6.1703
3.06309	1.20971	6.71748	1.15263	1.97478	3.79233
0	0	0	0	0	0
9.26042	7.82989	7.44311	7.58549	8.53244	9.42126
0.26951	0.0915991	0.0926028	0.223308	0.159233	0.247179
0	0	0	0	0	0
23.6675	22.9315	29.2087	24.1264	29.099	24.0645
2.28959	0.951094	0.320505	2.02882	5.23563	3.42202
3.31296	3.1092	2.96006	2.92011	2.78124	2.21979
7.0623	4.93382	7.77405	7.75653	6.40482	7.48212
16.8384	17.0346	16.2974	15.7748	14.9279	14.061
36.4024	33.6086	32.0193	30.3458	32.5481	32.1201
39.8309	198.549	0	45.3786	43.144	33.4863
0	0	0	0	0	0
1.19952	1.43452	1.01582	1.88175	1.91921	1.54518
0	0.831763	0	0.760403	0	0.280563
14.4092	13.4906	15.5388	11.8506	17.8291	12.8206
22.2741	21.571	21.7228	21.7841	18.9309	18.3031
0.545605	0.523025	0.60807	0.549876	0.795561	0.670403
1.06955	1.55048	0.687488	0.895239	0.472863	0.752378
7.26813	8.73625	7.97232	6.87265	8.45635	6.12815
7.58782	7.21883	6.90862	6.29425	7.96938	6.97834
3.37583	3.6311	5.23949	3.45119	4.7828	3.25895
1.72212	2.05072	2.31426	1.13359	4.39396	2.92778
0.142317	0.0591184	0	0	0.154155	0.119648
1.81387	1.87526	1.8958	2.69773	1.29518	1.47297



67.148	62.4941	59.1102	56.0783	62.2193	48.2306
26.1683	22.8897	27.7268	25.1379	30.1092	25.7259
1.25381	0.403224	1.78343	1.56668	1.84	1.25811
0	0	0	0	0.0415076	0
74.7003	69.9286	49.0034	50.6213	47.6192	52.9027
52.0219	54.4254	37.4233	46.0167	30.7429	36.3683
0	0	0	0	0	0
20.1387	21.6316	21.7094	23.2797	24.2326	25.3255
59.1926	58.0894	65.7447	63.9906	71.505	81.3863
7.2511	8.46635	8.77334	7.95925	7.06493	8.04679
0	0	0	0	0	0
4.95976	4.6241	6.08954	4.33045	6.85288	4.30511
9.72491	11.9601	3.29028	3.55595	17.6288	18.3238
4.47332	4.28322	4.00376	4.30929	4.10644	3.98584
0	0	0	0	0	0
79.0252	81.8646	83.6016	86.8727	76.7836	76.4549
0	0	0	0	0	0
4.57735	3.75977	5.45511	4.3581	6.68218	4.93695
1.26248	2.03219	1.92191	1.16864	2.73499	1.56997
478.567	438.658	1479.36	1440.24	2562.7	2623.22
2.92135	2.12416	2.83569	2.01121	3.37824	2.78805
0	0	0	0	0	0
1.46131	1.24103	1.29554	0.727599	1.71183	1.10114
0	0	0	0	0	0
31.6219	33.4336	33.3786	28.0675	27.9599	29.0216
0.0403604	0	0	0	0	0
7.54505	6.50631	7.05251	7.15448	12.7044	10.9174
0.214578	0.42021	0.193098	0.454006	0.298834	0.43811
0	0	0	0.0927395	0	0
28.5668	31.5113	26.3036	32.9988	39.0198	40.9005
7.39231	6.95867	7.55414	6.90788	7.95288	6.26235
0.273781	0.511442	0.361932	0.436393	0.237334	0.253022
0.199903	0.166079	0.860482	0.910984	0.306752	0.182066
0	0	0	0	0	0
5.83387	6.04462	7.49683	5.86785	7.81767	5.81546
16.1442	14.2637	15.1546	14.8881	11.9594	13.2559
8.37518	6.57987	9.27923	8.25141	12.4967	11.4531
0.190987	0.214089	0.288767	0.282921	0.247765	0.129135
79.5909	44.5715	52.8899	45.0695	59.6816	58.5136
0	0	0	0	0	0
0.747542	1.18827	1.50922	1.06482	1.80361	1.16839
43.1831	42.1981	39.4559	37.0794	37.9304	34.2876
2.2496	2.49195	1.38559	1.70862	2.65332	1.97532

98.8882	121.494	112.261	135.047	119.307	160.377
34.0419	35.6258	35.0531	34.6626	37.8242	33.2814
0	0	0	0	0	0
0	0	0	0	0	0
47.0776	22.6219	31.2578	21.432	51.2607	32.3736
0.958724	0.537642	1.20785	1.48668	2.08271	1.28962
1.01378	1.12411	0.715936	0.522192	0.615562	0.990518
17.7512	18.3074	17.9297	16.2137	15.6916	14.9665
82.0556	79.8494	70.7269	73.522	60.3636	68.4033
0.0257954	0.0321462	0.0324984	0	0.111764	0
0	0	0	0	0	0
3.43191	2.79763	6.20924	3.42485	4.98911	2.77678
0	0	0	0	0	0.0831566
0	0	0	0	0	0
17.0955	17.8817	14.5511	18.1967	21.2588	24.5696
16.1592	16.8137	16.1365	14.3917	14.3356	17.8139
10.7474	13.6175	11.9499	16.1035	15.4515	19.7024
0	0	0	0	0	0
18.4537	19.4212	24.2333	26.5076	18.6028	23.3796
6.33E-35	2.34E-14	3.86E-19	2.18E-08	4.21E-14	1.43E-28
0.0834086	0.0519718	0	0	0.0903465	0.0701226
0	0	0	0	0	0
7.65322	7.66893	9.96428	6.71347	11.1538	6.71679
0.215207	0.144513	0.124569	0.119403	0.18258	0.166356
188.544	201.628	208.919	222.846	186.319	179.282
10.4545	11.0815	11.0864	9.38227	12.4163	13.1783
0.146099	0.58822	0.948633	0.320092	0.572139	0.661376
2.69486	3.45023	2.69808	1.81095	2.78106	2.2179
4.18718	4.08079	2.46854	1.62071	3.8377	2.84325
0	0	0	0	0	0
42.2124	45.0662	36.6201	34.3732	35.5697	36.4756
29.3995	35.8663	31.4883	34.9432	29.0281	26.673
2.54017	2.39815	0.775816	1.31544	3.08497	2.00612
25.7497	24.179	25.6133	23.3138	15.0584	13.157
44.1529	41.389	35.4317	31.8155	26.8119	30.7764
7.28934	8.18136	3.09831	2.35562	6.27183	7.26113
0.389433	0.269617	0.763201	0.690161	1.21861	1.09134
0.170981	0.479423	0.161559	0.32466	0.138903	0.143746
0	0	0	0	0.110752	0
31.8603	32.7284	38.5948	41.5909	35.6812	30.6777
0	0	0	0	0	0
0.0978788	0.0304941	0.0924848	0.0836337	0.15903	0.0822879
8.56535	7.53056	11.7082	10.5151	11.9096	9.72795

2.13541	1.8797	2.49814	2.08529	3.37776	2.17996
0.104142	0.23553	0.234293	0.164788	0.176519	0.233375
0.357395	0.242937	0.511665	0.240603	0.475105	0.600932
7.63774	10.6415	11.413	11.781	11.705	10.5
12.5158	14.1749	13.132	11.8319	11.0432	12.3451
1.65737	1.44579	1.20063	1.84101	2.15428	2.2294
15.7104	16.8034	20.1824	16.4893	20.702	17.9919
8.18492	7.33199	5.62798	7.19017	5.43444	6.56742
5.02264	4.58422	2.85218	4.12062	3.9441	3.81575
2.98558	1.73202	2.26981	2.22852	3.90301	3.09424
0	0	0	0	0	0
0.991426	1.07779	1.88687	1.16556	1.75936	0.993111
2.95312	3.68018	3.5079	4.51797	1.49276	2.50637
0.560339	0.657813	3.34557	3.37696	1.85603	1.20843
32.2107	29.9905	29.8512	29.1478	33.089	30.483
0	0.11949	0	0.273096	0	0.0403051
0	0	0	0	0	0
87.6568	105.522	89.3995	94.7706	82.6758	89.8617
0	0	0	0	0	0
5.69814	5.57159	6.01967	6.37581	7.4014	7.00859
2446.94	2250.59	2661.91	2593.08	2346.87	3013.98
9.65948	9.84707	8.45751	8.16306	6.56428	6.61489
39.3263	36.9332	22.9279	25.1477	16.5594	24.9109
0.0242099	0.0603407	0.0305009	0.0965367	0.0393355	0.091591
0.0776034	0.0181327	0.239979	0.0745977	0.0840584	0
3.83622	2.98882	8.04602	10.4058	6.74109	8.44639
0	0	0	0	0	0
0.616616	0.625756	0.197998	0.242899	0.393852	0.471156
0	0	0	0	0	0
0	0	0	0	0	0
0.075076	0.156695	0	0.143143	0.237897	0.232972
9.12596	10.7975	12.2579	10.397	11.7313	12.8071
0.0076931	0.00958713	0.00646146	0.0175292	0	0
19.3261	19.8986	20.1167	20.9672	16.5948	19.6307
5.1627	6.11206	5.52861	7.37484	4.53823	4.22349
2.44009	2.9938	2.04454	2.42658	3.79047	2.51593
9.65259	9.91054	9.4584	10.2974	8.15833	8.8655
4.69034	5.0977	5.65728	3.87197	6.38357	5.13263
0	0	0	0	0	0
0	0.0680888	0.275339	0.124494	0	0.0459341
32.2512	30.9249	35.1453	38.061	43.5531	37.6334
5.59172	5.23557	3.97003	4.65172	4.48674	2.53642
0	0	0	0	0	0

0.0354658	0	0.0446818	0	0	0
6.91908	6.55633	7.43705	5.82101	8.56483	5.66386
20.6735	16.3253	9.79933	11.6599	9.97713	14.283
0	0	0	0	0	0
4.16343	3.73271	4.03776	5.76706	3.04975	3.27361
4.76854	6.68212	5.11212	7.36007	3.1447	2.90987
0.237504	0.443965	0.44883	0.49607	0.343012	0.632295
7.53068	7.7464	10.5757	10.1842	7.96275	11.43
0	0	0	0	0	0
9.15715	8.63458	10.7564	8.70186	12.1147	9.26493
0	0.0454279	0.137777	0.29902	0.157942	0.399351
0	0	0	0	0	0
0.141441	0.176264	0	0	0	0
14.195	16.1196	15.5111	16.7754	15.5655	17.0584
0.0553192	0.0689387	0	0.189073	0	0
11.1816	9.76519	9.01256	8.22526	9.63218	8.23474
4.75331	6.15218	5.60184	6.56687	4.48284	4.52585
51.3393	47.3012	54.9724	49.7124	57.9964	56.3344
20.6832	20.0184	20.8771	18.6199	20.3376	22.3021
5.95986	3.02058	2.69028	4.40004	4.63325	5.13876
3.60455	3.22953	4.09604	3.48932	3.77678	3.22845
0	0.053883	0	0	0.0468344	0.0363506
0.260117	0.108052	0.327709	0.0987823	0.281753	0.145789
14.4121	14.2201	13.9952	14.5453	12.4496	14.6175
14.06	14.151	15.7911	16.474	15.6513	16.1381
0.640619	0.498962	0.605315	0.547385	0.260215	0.403932
18.2563	13.9019	24.8122	13.075	26.1242	19.5058
0	0.0402798	0.0407212	0	0.0350107	0
12.7454	14.6243	13.2558	13.4451	14.2331	12.2283
0	0	0	0	0	0.0197622
0.106415	0.116282	0.117556	0.121237	0.161714	0.193696
38.1602	35.6872	44.6069	34.7722	51.7409	56.9023
11.3269	11.8749	10.5765	10.8919	10.7834	10.2513
0.156653	0.204337	0	0.210157	0.17721	0.0493876
11.0481	10.772	13.1427	11.695	12.61	9.76816
5.02539	6.91049	9.82437	7.30474	9.94828	9.32393
5.84743	5.73849	4.63222	5.17843	4.77925	4.26132
4.76752	6.89203	6.09952	5.97413	6.2416	5.14447
0	0	0	0	0	0
34.9634	39.1986	26.5235	30.0614	23.9189	32.5538
2.47693	2.62031	3.49504	2.74668	3.52959	2.84131
0	0	0	0	0	0
45.8988	48.5484	42.0408	38.5342	34.674	32.7443

0.0679213	0	0	0	0	0.0285511
4.92258	4.93582	6.1661	4.41566	7.10939	5.08985
2.80424	2.50365	2.16493	2.28885	2.45032	2.80525
0	0	0	0	0.786289	0.76285
5.25466	4.36535	3.20497	3.72179	2.18334	2.72297
0	0	0	0	0	0
0.517121	0.53703	0	0.392765	0.373423	0.362292
11.0436	11.0267	9.16512	9.11267	11.4368	12.1182
2.90689	2.90228	3.03019	5.52744	2.04703	4.00061
0.215852	0.336554	0.619822	0.341479	0.284533	0.148496
0	0	0	0	0.170289	0
0.0777573	0.0484505	0	0	0.0210563	0.0186776
0.374502	0.678841	0.536156	0.40727	0.331898	0.314848
0.682931	0.672324	1.79446	2.46971	1.81949	1.9943
0.682739	0.567219	1.0513	0.950684	0.821699	0.637763
0	0.0355526	0	0.0325024	0	0
0	0	0	0	0	0
0.274055	0.0620959	0.376658	0.312227	0.269865	0.33513
0.629364	0.4005	0.388018	0.594977	0.449641	0.484083
26.7968	21.9428	29.3853	21.6488	32.5353	24.6662
0	0	0	0	0	0
0.734323	0.305038	0.539665	0.395062	0.552364	0.41157
5.95667	6.10126	6.25806	6.65851	5.11531	5.04215
0.0199042	0.0248046	0.15673	0.0864943	0.514862	0.606809
0	0	0.066869	0	0.0574917	0
0.0485068	0.0604491	0.0305557	0.0552629	0.210166	0.0611703
0.300429	0.408429	0.378496	0.0311157	0.355002	0.229613
3.71174	3.83015	4.58406	3.84892	5.53091	4.13903
4.12893	4.69398	4.68291	4.09416	5.20972	4.51202
86.6664	102.955	73.3501	91.8421	60.4284	62.4446
7.68358	7.10216	7.3082	5.88414	7.79906	8.06388
8.04619	8.6807	9.17617	8.7614	13.3142	13.0375
2.23532	2.378	3.91517	2.17398	4.57676	3.11682
6.72938	5.24683	8.2561	4.51571	7.65167	6.39798
2382.33	2790.75	2484.72	2680.96	2279.05	2806.6
0	0	0	0	0	0
18.0681	14.9344	17.2659	14.2832	17.3742	17.8251
4.50132	5.1063	5.59036	5.66377	4.88257	5.08713
5.75392	4.9397	9.82656	4.7587	6.67112	3.09951
14.8259	16.7267	18.5126	16.9408	18.4346	17.1844
0	0	0	0	0.0199856	0
272.619	244.825	254.346	239.851	282.744	218.46
2.25456	2.05904	2.34822	1.89166	2.7154	2.12809

0.221743	0.394766	0.518819	0.396987	0.531844	0.759005
0.470457	0.196562	0.5393	0.135099	0.475567	0.724786
0.0406367	0.108035	0.493679	0.130402	0.0718942	0.0409965
0	0	0	0	0	0
55.2771	63.7521	57.0094	54.6198	49.4559	44.8484
16.5143	17.9321	16.953	17.3621	14.0703	13.5021
9.10297	22.3513	3.17936	10.1655	10.7388	21.4435
21.8134	22.7772	22.4158	19.9843	25.3074	25.602
0.101679	0.0950343	0.128101	0.463365	0.0826026	0.235078
0.196225	0.0271706	0.109873	0.149037	0.0944653	0.0733194
0.0629315	0.0522835	0.0528564	0.238989	0.295387	0.282172
0.179192	0.432327	0.489459	0.473844	0.139749	0.315542
0	0	0	0	0	0
0	0.0644809	0	0	0	0
33.1109	30.5263	37.9858	27.8496	40.8419	27.5481
102.654	100.262	85.5397	107.401	85.1779	121.15
0.475996	0.593186	0.743488	0.477991	0.693874	1.07473
10.9072	11.2483	12.1408	10.7909	10.3131	9.84961
0	0	0	0	0	0
2.45177	2.92255	1.20869	3.88627	0.808258	2.59894
3.31071	3.21845	2.09181	2.77379	2.71162	3.70959
11.5755	11.5153	11.3568	10.5273	10.3081	10.7661
67.8054	74.4978	70.4472	125.543	55.8202	62.4286
7.44317	6.15017	6.85461	5.64557	7.60221	6.88672
8.49089	7.76348	7.77878	6.34036	8.16747	5.81934
0.324912	0.347061	0.204671	0.290845	0.402215	0.214624
8.15635	2.07808	0.9538	0.548971	1.20294	0.699396
14.7088	12.7048	13.7811	12.6118	16.3273	13.7944
13.6683	14.4484	13.9427	13.5856	14.957	12.7307
28.4558	32.4741	31.3837	31.2358	31.4095	33.7633
46.3576	47.7123	39.8589	41.8767	39.3162	45.8368
0.0766675	0.0955429	0.0965898	0	0.0830446	0.128911
10.0556	19.2318	6.53413	19.8044	6.66579	10.3873
0.0860239	0.107203	0.216755	0.0980056	0.279538	0.108482
3.613	4.13396	3.97916	4.46751	4.86895	4.08718
1.69941	2.88256	2.73573	1.82854	2.30095	2.38119
2.80583	3.81093	0.75465	2.11912	1.09275	0.980665
19.3967	19.4325	20.9424	21.1638	15.8366	22.8763
0.45536	0.361116	0.304228	0.353716	0.216725	0.237816
252.172	253.357	163.87	164.686	97.8086	113.69
24.0589	23.2759	23.531	22.7327	19.2296	19.4337
0	0.0352401	0	0	0	0
15.9781	22.0682	14.0479	16.7827	8.5555	12.6655

0.775897	0.792559	0.432672	0.449229	1.08843	0.791322
0.219074	0.458811	1.57267	3.01554	0.91063	1.30464
0	0	0	0	0	0
0	0	0	0.0795157	0	0
1.66786	1.65301	1.33936	1.9376	1.41716	1.49845
15.8463	17.5878	18.6595	17.2423	16.3398	14.6438
4.81395	4.27325	5.79351	5.93339	6.60185	6.96088
9.70929	8.27632	8.54404	7.5104	8.11391	7.77304
5.17031	4.59714	5.23302	3.01141	7.55106	3.34552
8.67145	13.0202	12.6716	14.2289	9.72166	7.80141
11.1279	11.2211	9.20366	7.6938	9.33917	8.24843
0	0	0	0	0	0
4.61E-08	1.96E-07	2.14E-07	5.07E-08	9.70E-07	7.70E-08
16.1122	18.769	33.5231	41.078	20.8532	40.0965
0	0	0	0	0	0
4.9335	5.30773	6.72972	6.02502	6.34344	5.43074
8.90483	8.94719	9.73375	9.15624	16.0875	14.2611
6.2394	5.56352	6.26825	5.25473	5.81163	5.43772
0	38.3485	0	35.0585	33.3321	25.8707
26.1383	24.6195	22.1132	27.5281	23.8269	27.2555
212	225.005	214.765	162.849	153.484	171.91
0.377818	0	0.95199	0	0.272829	0.317636
0.0733488	0.274222	0	0.584955	0	0.184996
0.667781	0.766489	0.819167	0.640667	1.02789	0.81257
6.70548	4.38479	7.75167	7.32463	8.24099	7.51134
2.22181	2.47924	2.31377	2.9665	3.06602	2.66902
5.23806	5.87361	5.40641	6.82349	5.26132	4.89684
0.479642	3.28751	1.20856	1140.85	0.389654	21.3718
0.211946	0.190171	0.0854466	0.315516	0.444458	0.342116
10.429	9.18011	9.84678	8.09615	11.0403	8.71805
8.6241	9.07737	13.3144	10.2866	7.78413	8.10444
0	0	0.256828	0	0	0
0.212558	0.344356	0.267792	0.217947	0.59862	0.12509
0	0	0	0	0	0
7.04732	5.85491	7.18743	6.8819	8.69097	8.02793
0	0	0	0	0	0
0.0718845	0.0895824	0	0	0.0778638	0
5.4797	49.45	30.8356	59.1484	14.3527	10.5939
53.3822	46.4498	45.8234	44.2935	45.1628	45.909
10.9053	11.2686	9.80985	10.3018	8.38883	9.44976
14.675	12.8727	15.1681	13.0044	16.6124	14.5291
30.2265	34.0102	24.9488	27.3069	16.7741	22.1766
7.16672	5.03692	8.68336	4.63216	9.97373	5.90641

0	0	0.331838	0	0	0
12.9886	7.35746	10.5883	11.0785	23.7744	14.3066
21.9448	21.3738	22.1644	24.5246	27.7147	26.4528
0	0	0	0	0.101067	0
14.6034	16.0179	17.5999	17.5999	17.3215	16.691
29.0664	27.5903	30.7698	27.7391	30.9321	29.8791
18.6614	18.945	18.2351	17.133	16.1315	16.3777
8.76043	8.6717	8.93576	9.89325	9.01156	9.12164
48.4878	41.8909	49.3575	44.6339	47.0637	43.204
2.07923	4.22765	1.10296	0.997404	0.711216	0.46001
2.18875	1.88644	2.19131	1.79179	2.03861	2.5396
50.7404	56.5452	50.9681	53.2808	54.8441	59.6255
0.666141	0.377338	0.553136	0.465703	0.918337	0.610945
0.0136025	0	0.0171372	0.0309943	0	0.0343075
0	0	0	0	0	0
71.9184	75.5477	74.1594	70.6161	64.5864	72.9218
26.9771	26.6995	27.7306	27.002	27.1571	24.9341
11.3734	11.2693	9.30996	8.82743	12.9882	12.1126
0.527672	0.849339	0.977641	0.964235	0.869146	0.749039
12.5715	8.74119	12.3376	10.4041	9.91008	7.53504
38.7845	37.4669	36.8144	35.4631	26.6416	30.5834
0	0	0	0	0	0
7.03681	7.25626	4.88234	6.3453	7.24028	7.73174
0	0.0376599	0	0.0344289	0.0982005	0
50.6152	51.745	40.715	35.4757	33.9961	45.494
31.9119	28.5237	41.8753	43.3101	45.7767	46.8518
53.498	55.3077	48.5031	57.0729	53.2527	60.5045
0	0	0	0	0	0
0	0.0607183	0.0613836	0	0	0
0.883325	1.06284	0.575618	1.7698	0.659862	0.819445
0	0	0	0	0	0
22.641	22.162	23.3968	25.6734	19.5461	20.4964
0.0758577	0.0630225	0.0318566	0	0.109557	0.0425163
0.92199	1.49365	0.943149	1.15824	0.987911	2.01125
0	0	0	0	0	0
16.2652	18.899	14.5591	13.4906	10.1713	12.4815
0.0320524	0	0.0403813	0.10955	0.0347185	0
0.540938	0.598935	0.452041	0.272439	1.07916	0.786006
10.9241	12.2728	7.43744	8.68468	8.87455	9.97252
15.4208	14.2437	13.4086	11.7505	15.9908	13.4455
0	0	0	0	0	0
7.63273	8.05869	11.4859	7.36731	11.1383	9.6254
1.15023	0.836161	0.966084	0.586968	0.908476	0.493581



0	0	0	0	0	0
8.71E-05	3.04E-12	4.02E-06	7.63E-14	8.61E-05	1.21E-05
1.96724	1.56901	1.42097	1.4344	1.449	1.25695
2.203	1.77535	2.19089	3.95584	1.75064	0.999722
0.129519	0.107605	0.0543918	0.0491864	0.140293	0.0362962
9.66327	9.77418	9.38486	8.46533	8.67851	9.41756
3.66497	3.91337	2.95766	3.34133	3.67568	3.09595
21.8509	23.6317	18.8877	22.0983	26.8794	36.0082
48.4669	49.4828	52.4775	51.3364	47.2988	54.0995
0.496725	0.463386	0.418271	0.23535	0.447521	0.591028
7.93315	7.57578	8.2989	8.10383	11.084	9.98177
9.23611	8.88768	9.91937	9.82503	9.34258	8.48631
4.96445	5.31259	4.21221	5.09654	5.96832	4.45542
1.34249	1.38517	1.19829	1.43312	1.28595	0.917852
27.9985	27.8447	26.4144	27.0581	26.4638	30.3934
153.299	141.776	126.573	127.679	128.544	144.171
0.164494	0.245991	0	0.0312342	0.0890883	0.069146
4.56455	5.06977	5.7787	4.30981	5.6848	4.18167
0	0	0.0315108	0	0.0270919	0.0210274
0.787233	0.880382	0.73862	1.24259	0.613201	0.60362
0	0	0	0	0	0
0.924643	1.44036	0.582458	0.395036	1.12675	1.26321
6.91305	5.02203	4.21025	5.97226	4.04569	6.61067
1.9577	1.6511	2.41659	2.7936	2.80597	2.27761
0	0	0	0	0	0
11.9063	12.1483	13.472	10.2544	11.9839	10.7776
127.042	131.33	113.178	121.817	129.562	144.495
5.19873	6.28881	4.59874	6.35529	7.17293	7.1547
5.41932	5.71235	5.86029	3.78168	6.43264	3.96757
7.40156	7.34252	10.4068	8.0026	8.42055	7.84431
0	0	0	0	0	0
20.3194	20.041	21.939	16.1317	23.2327	19.9601
0.754483	0.582016	1.04445	0.589931	1.51218	1.00526
3.24841	2.64971	4.39016	3.90273	2.62297	3.07856
0	0	0	0	0.0632614	0
0.0724071	0.102514	0.0259093	0.164008	0	0.0345791
5.03802	5.47932	5.93128	4.46807	5.38958	4.17573
6.56486	6.03866	6.36712	5.27952	8.31568	5.36038
71.019	77.2055	74.3582	77.0545	60.5917	65.855
0	0	0	0	0	0
0	0	0	0	0	0
16.5735	16.33	31.2468	24.0873	39.3147	77.0181
18.1357	19.9627	19.3057	17.2061	38.6383	34.8236

13.4204	14.6809	16.3175	11.1718	13.0505	10.101
21.9784	22.6402	27.0308	22.461	25.5598	29.2197
10.7274	12.0774	8.11967	6.54382	9.71376	6.719
683.268	660.686	394.833	373.227	367.776	437.711
16.4192	15.8864	15.1592	15.3805	14.7377	14.26
3.78436	3.6064	4.62751	3.86763	6.17888	4.39803
53.9508	55.4901	41.8658	52.0129	32.2193	38.8529
0.153351	0.0764425	0.11592	0.279537	0.166107	0.386773
87.5377	82.5743	90.5456	85.0114	88.379	88.4166
1.04233	1.234	0.328296	0.118751	0.112903	0.43815
6.52844	5.88683	5.617	5.01896	8.33629	10.3524
7.75334	7.12939	9.0094	6.8179	10.3755	8.06884
0.124911	0	0	0	0.0676504	0
6.94255	6.76044	8.82447	6.37948	7.69095	8.14507
0.11109	0.10383	0.104968	0.316407	0.210578	0.140092
2.85869	1.48127	0.850278	0.951776	0.852743	0.729338
14.9668	16.1961	17.3251	16.406	17.5427	16.7816
9.44534	9.42288	10.1275	9.98819	8.68	8.8278
202.897	224.8	122.115	107.727	8.52662	28.9436
13.6767	16.5893	16.6835	14.4554	14.1518	13.1864
0.43615	0.654523	0.286096	0.755241	0.982463	0.736428
0	0	1.02505	0.926951	0.881304	1.36805
0	0	0	0	0	0
2.31956	2.06879	1.89091	1.2695	3.37464	1.79714
0	0	0	0	0	0
0	0	0	0	0	0
42.2212	41.8022	48.0394	39.326	45.0422	49.6223
0	0	0	0	0	0
0.822747	0.79045	0	0	0	0
5.49059	3.79792	4.40294	4.25385	4.90156	5.07605
0	0	0	0	0	0
28.6976	27.8074	28.8134	31.5208	27.0358	26.9742
2.68557	2.59968	2.79295	2.14946	3.65933	3.17241
4.47696	4.23375	4.04373	4.53139	6.76807	6.20938
1.14256	1.21291	0.479818	0.578531	1.00841	1.31632
6.21062	6.07349	9.56325	6.60067	7.44354	5.33012
2.13899	1.02737	3.92994	3.08422	3.24609	2.46326
78.3959	97.0719	71.698	72.0825	68.874	70.9338
12.0132	8.47999	9.83549	11.2368	10.2974	9.7156
23.1378	23.6924	20.8482	21.387	22.4038	23.3957
0.0493066	0	0.124238	0	0.0534079	0
13.033	12.1083	12.9784	12.8477	15.2583	14.8936
0.135958	0	0.519999	0.142665	0.332369	0.27438

434.773	242.329	446.197	353.298	732.569	662.041
0.391264	0.341314	0.443641	0.401184	0.353174	0.383763
19.0297	18.0429	23.4342	19.9245	18.9036	18.1068
2.77498	3.95564	3.31642	3.36881	3.20123	3.30462
12.1883	12.4312	11.7859	11.3647	17.0581	15.8143
0	0	0	0	0	0
0	0.0412513	0	0	0	0.0556581
8.14831	8.32088	10.2859	8.23483	9.25493	9.0049
0.129326	0.107444	0.380173	0.0491128	0	0.0362418
5.88593	6.85141	7.25243	6.5952	6.5857	7.39537
39.9688	41.5161	32.2158	35.8476	26.3269	33.5091
2.87617	0.955808	1.20785	1.74761	1.66155	3.70765
132.705	154.216	131.684	152.773	101.157	138.703
0.522643	0	0.329227	0.297719	0	0.219696
19.5801	28.4681	10.0115	10.3315	21.9259	10.818
21.1396	21.06	23.855	20.3072	22.8312	21.415
3.77143	2.96415	3.13189	2.61451	3.55081	2.36202
1.80593	1.95827	2.06837	2.16435	2.56586	1.97178
12.0081	13.3486	10.9105	10.9236	19.4237	17.7491
16.6263	14.7015	15.8847	11.994	16.3053	10.5757
0.613457	0.662557	0.850152	1.30461	0.310092	0.189105
0.395727	0.457929	0.498558	1.07881	0.81136	1.14066
0	0.144326	0	0	0	0
3.00962	2.21151	3.06255	2.36964	5.64011	3.4975
1.34344	1.90249	2.46187	2.78282	1.52133	2.00219
0.517338	0.558745	0.217257	0.235758	0.485654	0.376942
3.95473	4.07355	5.41899	4.38169	6.7215	5.89527
2.15833	1.78051	2.183	1.21216	2.37078	1.72508
64.0979	84.7505	98.6	83.7124	91.9621	79.2223
0.794338	0.86511	1.3664	1.5136	1.75127	1.6328
27.1678	27.8575	23.4225	22.8199	16.7815	19.5143
0	0	0	0	0	0.0261609
0	0	0	0	0	0
1.51047	1.36907	2.10838	1.58226	4.41427	2.99207
672.863	779.236	856.634	893.556	708.325	798.571
0.762812	1.29499	0.944241	1.13671	0.94622	0.664857
0	0	0	0	0	0
31.5408	31.9879	29.6457	31.0639	30.2759	33.4774
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.51412	1.82183	2.63113	3.92588	2.82769	2.98482
0.0712387	0.0887775	0	0	0.0385821	0

3.75267	3.49643	2.86703	2.87115	4.33297	4.61409
15.8031	16.5407	19.4848	19.5628	18.0963	20.9216
525.48	578.726	559.555	551.055	532.728	567.881
31.8586	33.9262	32.0419	30.4689	33.2662	34.7246
0.737068	0.264917	0.563831	0.135965	0.972891	0.54368
8.07877	6.64761	11.9799	6.03325	6.74101	3.60719
803.308	825.802	670.487	631.011	384.395	597.693
4.96097	5.44885	3.45609	4.11922	5.47608	5.55805
0.276312	0.0528896	0.0267341	0.048352	0.245182	0
0	0	0.0721177	0.0652158	0.253184	0
0.755593	0.564971	1.0154	0.373028	0.518347	0.148222
26.3396	24.2585	32.4482	20.5994	27.0002	19.9644
1.98425	1.89845	2.19343	2.2752	1.37278	2.04487
4.41725	3.44743	4.86243	4.24458	4.37387	4.03248
0.333229	42.3575	0.251892	492.838	0.721893	17.4814
6.47438	6.203	7.04668	5.98138	9.91139	5.5492
6.98936	7.05751	6.72401	5.73375	7.28815	6.61626
26.0771	25.6149	25.5294	24.7419	16.9568	18.6069
52.9364	55.9657	64.3122	55.5869	53.9689	53.2056
22.7808	23.2991	25.8153	20.5126	24.1371	21.932
16.7338	17.4794	17.0571	16.4941	12.8271	11.7164
0	0	0	0	0	0
41.2745	44.9317	36.6225	43.7299	32.7915	44.0838
1.24816	1.09671	1.5732	0.584467	2.12852	1.44556
6.00577	5.76437	7.09643	3.65488	7.83871	6.52309
8.11286	8.23893	7.1731	7.88849	8.60696	8.27587
0	0	0	0	0	0.0493774
48.4051	45.8474	46.4723	47.0633	47.4304	50.419
670.311	742.525	609.912	424.263	1048.76	657.461
1.18364	0.694141	1.57893	0.951882	0.82959	0.702423
0.318537	0	0.40131	0.567039	0.0802658	0.0669493
26.2592	26.5685	26.037	29.3668	28.1974	27.7089
9.89034	12.6561	13.6109	10.9168	11.6997	10.5052
0	0.0607853	1.63E-54	0	3.35E-75	0
27.7667	28.3709	23.4389	25.6579	30.4552	35.1873
5.9049	5.48162	6.75347	6.37917	5.1074	5.34054
30.7393	29.0994	28.8498	24.2896	25.3539	26.5541
0	0	0	0.0197676	0	0
2.03476	1.21273	2.34058	1.10869	3.01853	1.33876
7.96787	6.96537	6.90084	7.40326	7.43661	8.07896
0.209279	0.156482	0.316393	0.715283	0.0906746	0.0703773
13.2131	12.9575	13.5044	12.2625	13.6518	11.7142
110.96	107.2	107.58	110.882	76.6753	89.1655

1.36138	1.47904	1.97901	0.715844	2.4577	1.76081
0	0	0	0	0	0
13.6275	15.3896	15.1772	12.0354	16.6657	14.736
0	0	0	0	0	0
126.734	124.359	131.064	156.382	134.515	139.051
0.236635	0	0.298126	0	0	0.397885
0.118578	0.0369429	0.186739	0.0675469	0.417434	0.124612
0	0	0	0	0	0
0	0	0	0	0	0
10.093	9.40607	10.2103	7.66919	8.32307	6.34186
0.511123	150.464	4.79378	491.085	26.144	83.1723
33.5296	35.7502	33.2335	31.368	32.2324	30.7212
6.657	7.38198	7.10749	7.61634	5.31638	5.92862
0.463266	0.428188	0.517073	0.407404	0.315171	0.267588
12.495	10.3763	13.7621	9.21258	18.7353	10.9726
22.9868	23.2833	20.272	21.0421	27.9967	31.0852
541.816	585.049	444.563	579.278	469.907	648.187
2.14254	2.29647	2.63543	2.58836	3.72957	2.62892
0.961139	0.836392	0.403098	0.529716	0.784005	0.387528
133.921	141.742	129.326	148.316	101.61	123.167
13.2665	10.3561	17.4168	13.745	10.0875	4.24441
11.0659	11.0822	14.0876	15.5878	9.31258	13.5159
7.7996	6.36529	8.69905	7.72211	10.7018	7.81099
56.9417	38.4866	58.999	46.6819	69.0249	55.129
0	0	0	0	0	0
0.0315262	0	0	0.0359173	0	0
289.728	182.558	301.673	348.874	315.003	275.143
553.384	527.106	605.293	599.6	518.101	579.465
17.0569	18.1304	20.6992	23.4335	11.7172	18.5312
9.52661	8.85375	10.468	8.2321	10.8874	8.90847
0	0.0694544	0	0	0	0.0468554
5.11042	3.82116	4.38423	3.49333	5.43007	4.00997
0.0248888	0.0103388	0.0418083	0.0378072	0.0898634	0.0278991
0.082858	0.0877689	0.292289	0.269036	0.157063	0.0626938
0	0	0	0	0	0
0	0	0	0	0	0
4.93939	4.71445	4.6254	4.96495	4.26241	2.82684
11.351	8.93208	7.59994	6.8726	13.9463	14.0145
1.99391	3.00248	1.04668	1.51442	0.899903	1.04769
0	0	0	0	0	0
4.16073	4.93631	5.56138	6.15426	5.75407	4.33237
0.299886	0.373717	0.188906	0.0854137	0.32483	0.0630294
0.270809	0.224988	0.454906	0.359949	0.146667	0.113836

0	0	0	0	0	0
7.40688	8.12914	8.50247	6.0844	6.20447	6.26563
0	0.0387154	0.0391396	0	0.0336509	0
85.2972	102.913	89.3826	118.815	120.847	154.601
34.6115	35.7284	30.2058	38.7091	27.8326	26.3303
0	0	0	0	0	0
7.0722	9.6049	9.88975	9.66688	10.1954	11.1804
1.08E-56	0.374058	0.289037	0.313454	2.95E-32	2.04E-61
14.1919	15.1153	13.4136	14.4659	11.5192	9.38718
11.1313	11.262	14.9979	13.8562	14.4826	15.8859
0.0910415	0.113456	0.114699	0	0.295843	0.0510265
5.21614	6.68643	8.41595	10.4809	8.72981	9.03622
13.5602	8.13076	13.2893	8.34502	14.035	12.7891
0.384088	0.766824	0.548283	0.645492	0.575268	0.636157
0	0	0	0	0	0
12.4237	11.5862	13.2559	11.3482	13.1236	10.6345
0.794679	1.72231	0.478825	0.669182	0.112276	0.319524
0.495697	1.85337	1.87358	0.565175	0	0.834437
23.8906	21.5086	24.2621	26.235	25.5335	30.6241
7.78753	8.38891	8.14825	4.96242	7.91107	5.69632
3.96808	5.32786	5.06371	4.34577	4.13176	3.01317
3.36466	2.351	3.06844	2.34175	2.86686	1.97659
2067.73	2549.96	2083.65	2126.74	2049.93	2196.73
0.0377181	0	0.0475193	0	0	0
0.0472729	0.0589115	0.119114	0.1885	0.0256025	0.0596144
0.0214777	0	0.0811762	0	0	0
51.6017	128.612	0	88.1834	27.947	0
0	0	0	0	0	0
7.71914	7.81853	8.49702	6.85418	8.36122	6.61202
3.6977	3.99614	3.74881	3.22551	5.22549	3.2544
0	0	0	0	0	0
0	0	0	0	0.0980495	0
9.86113	10.5718	11.657	10.721	10.0912	8.50249
0	0	0	0	3.04E-265	0
0.121586	0.287889	0.382952	0.166225	0.605818	0.367988
0.0280839	0.0349981	0	0.0639909	0	0
0	0	0	0	0	0
1.60137	1.03345	1.98147	1.58007	1.79652	1.4665
18.7823	19.6249	12.808	14.122	21.77	22.343
0.067981	0.169436	0.285487	0.0774495	0.564539	0.114305
17.4267	16.7669	19.0303	18.0538	17.4212	18.3414
0.0833897	0.0519597	0	0	0.0225807	0
0	0	0	0	0	0

7.81741	7.77521	17.2098	18.5575	12.0043	13.6141
4.42313	4.4736	4.68412	4.76115	6.33931	5.21603
164.145	176.917	158.134	164.448	179.09	184.211
9.0948	10.1067	9.1587	10.0796	9.51064	9.19787
12.6976	12.3737	13.9019	10.5877	16.8478	11.2425
5.15535	5.87628	6.41319	6.56237	9.77025	7.55889
41.1262	36.6687	42.1772	37.2475	41.7588	38.9656
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.124188	0	0	0.0828721
0.115594	0.168061	0.26699	0.0658469	0.187813	0.161968
0	0.0264013	0	0.0241362	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.141372	0.058736	0.089081	0	0.102133	0.01983
3.14231	2.73736	2.69048	2.433	4.22982	2.92391
25.9693	25.3492	23.9471	26.2286	26.3516	28.1151
10.5113	11.4707	9.34621	7.92327	8.77941	8.78841
5.13209	3.59824	6.86979	3.10686	2.17147	2.02305
18.4104	18.7135	18.1435	19.9449	25.2254	24.4777
0.824689	0.58114	0.712967	0.531925	0.965812	0.845275
5.84976	4.95081	5.18873	4.56759	5.03354	4.25917
14.818	15.4497	13.2022	14.1773	16.571	17.3471
0	0	0	0	0	0
1.55166	2.35475	1.86038	1.56322	2.49644	1.51506
0	0	0	0	0	0
3.86595	4.37812	4.37053	4.53838	4.3945	3.79389
4.59538	4.93998	3.66849	4.83584	2.01447	3.32877
15.4082	18.5158	16.1952	22.4192	15.8076	16.8769
5.02672	3.96641	4.48336	3.71978	4.63066	3.76195
22.3743	20.2923	22.7901	25.8749	28.6425	32.1425
0.243184	0.151528	0.255314	0.046176	0.131706	0.238523
0.703577	0.477994	0.402693	0.218493	0.207733	0.403081
21.4038	21.7742	21.3478	16.2981	17.1713	16.9692
50.5451	53.066	55.2542	47.0958	47.3709	39.3036
11.4886	10.169	11.1837	11.6309	11.7087	10.6125
1.00868	0.959298	0.735717	0.756031	1.86888	1.31664
0	0	0	0	0	0
0.0826033	0.30882	0.208136	0	0.268423	0.0694456
6.69979	6.35966	6.86036	5.19691	7.73059	4.9455
0.277575	35.4994	0.554104	256.699	0.826826	14.6726
101.784	100.138	97.0487	95.7985	80.7444	79.7363
0	0	0	0	0	0

53.2788	0	134.247	0	0	44.7921
12.5289	13.4344	9.40608	10.3806	13.667	11.7339
6.75659	12.6877	9.56178	10.123	9.62446	13.6952
18.3829	14.0408	25.152	34.0047	20.7684	19.2768
1.1542	1.43837	1.38488	1.15842	1.72648	1.57105
15.0909	16.8575	16.9437	15.7081	11.4903	10.5178
3.17894	2.89151	3.01526	3.55927	3.97768	3.50199
10.556	12.893	13.1791	15.3288	12.3704	14.6154
0.139874	0.139448	0.0352441	0.127485	0.0909051	0.0705562
0	0	0	0	0	0
5.32411	4.70121	0.0160034	0	0	0
0.194971	0.188978	0.218342	0.172765	0.117327	0.20034
0.0644446	0.211178	0.0519621	0.505372	0.0744201	0.200227
46.7596	49.8369	54.3487	47.1778	53.3873	46.5237
20.9022	22.0956	18.3856	20.6289	18.647	18.4177
0	0	0	0	0	0
11.6299	13.3457	11.1082	11.0942	9.19521	11.8029
2.29107	2.56962	0.288642	0.522036	0.992657	0.57784
2.44993	3.13057	2.05172	3.1578	2.70197	2.1598
12.6395	11.9803	11.9429	14.1559	10.7612	11.0764
86.2846	112.055	83.1393	98.7403	82.4647	92.3616
4.36564	4.5078	4.93434	4.12106	5.08005	5.05445
11.8611	11.9913	13.1429	10.0942	12.435	9.49124
0	0	0	0	0	0
5.48268	5.63105	5.6484	4.94012	5.48164	5.02129
1.18624	1.12146	2.73131	1.53787	1.90521	2.02896
0.127604	0.0796963	0.0837874	0.069178	0.181714	0.238227
3.61998	4.97526	3.03895	3.24091	5.24814	5.76469
12.587	12.2707	10.996	14.0267	12.4362	13.317
0.157549	0.0981688	0.347356	0.13462	8.19139	7.59952
4.13911	3.54076	5.56821	5.1552	5.54732	5.98643
0.234992	0.244614	0.261226	0.110239	0.296463	0.225452
6.64583	7.94225	13.5682	12.2697	12.0715	11.2509
3.55889	3.48756	4.3625	3.21966	5.35323	3.74289
2.31501	2.92937	2.14094	2.71623	2.52042	2.04167
0	0.0340881	0.0172308	0	0.0148144	0.0114983
0	0.129023	0	0.117954	0	0.174084
15.429	23.0414	20.5093	12.542	20.4416	9.32653
0.0540342	0	0	0.123121	0.263379	0.0454272
0.227188	0.176402	0.154804	0.182919	0.0851806	0.134982
26.3718	25.5519	23.3764	24.214	27.8263	28.4902
0	0	0.0488803	0	0	0
0	0	0.661453	1.1963	1.99043	0.66209



4.24082	3.96928	3.93388	3.82962	3.56632	3.33215
8.48461	7.81658	8.60971	8.13502	8.7819	7.28458
2.53E-07	0.232128	0.214214	4.64E-07	0.184334	2.71E-07
0	0	0	0	0	0
17.6586	17.8326	18.8431	20.2807	16.5716	17.7174
0	0	0	0	0	0
9.93797	9.4058	11.1246	8.98982	11.5864	8.97863
27.2754	27.0573	32.3704	34.5782	27.5901	31.9441
1.14574	0.698657	1.30869	0.820368	0.751173	0.248757
0.25926	0.079124	0.079991	0.38579	0.171934	0.160136
2.36037	3.26238	0.70288	2.34688	2.18482	3.53583
0.333883	0.0665731	0.0673026	0.273879	0.231459	0.410623
0	0	0	0	0	0
9.2715	10.6997	9.86438	15.4291	10.765	14.232
10.9183	9.54458	8.70102	10.3037	11.0064	10.4938
6.7437	5.72999	7.40774	5.1749	8.96478	9.55851
0.0728825	0.0726608	0.0918213	0	0.110523	0.0980371
72.6537	54.6232	136.545	58.1297	79.9334	57.4822
931.116	952.724	389.971	528.16	189.793	340.805
8.44027	8.91096	9.22275	7.48509	10.703	7.89588
9.15141	9.15272	12.6944	7.27764	10.3041	7.42563
23.2557	40.1838	87.8964	56.7404	301.725	233.19
0.291728	0	0.122512	0	0.315994	0
0.02818	0.105354	0.284022	0.06421	0.641004	0.403122
0.0583798	0.0727529	0.0551626	0.116395	0.142281	0.0368105
3.80661	4.86313	4.34334	4.1186	4.64189	5.23314
4.98495	6.29354	6.77564	4.9789	6.25107	5.9118
10.7872	11.4303	12.6849	9.38532	12.1633	7.90943
1.51542	0.944256	1.76234	1.52728	2.6516	1.32303
0	0	0	0	0	0
0.00749494	0	0	0	0	0
0	0	0	0	0	0
0.190333	0.174774	0.151447	0.148366	0.368926	0.240023
14.1969	15.1187	16.4321	12.549	14.0857	12.6355
16.7665	21.3775	14.408	19.5433	12.1775	17.8438
0.11006	0.137157	0	0	0	0.185058
0	0	0	0	0	0
2.97782	2.05842	1.69995	1.21921	2.94832	2.62084
5.68238	7.4742	3.11421	4.51952	5.39675	6.2344
4.67652	6.04419	6.27609	8.97661	5.52676	5.52874
12.0593	11.6738	11.8469	11.5309	12.5959	10.0931
0	0	0	0	0	0
3.23912	3.32384	3.22828	2.74286	3.74462	2.58668

507.299	519.807	358.97	347.21	386.324	564.53
0	0	0	0	0	0
7.01794	8.64153	8.42827	6.50773	9.92191	7.39266
28.7017	26.4738	26.4306	20.5484	30.094	24.8976
11.2708	11.547	10.7983	9.27683	9.47707	10.1562
7.02827	4.07093	5.15343	3.55694	6.6831	2.89357
5.68101	4.26619	2.95262	2.48519	5.9542	4.06639
0	0	0	0	0	0
0	0	0	0	0	0
0.0160372	0.0599566	0.0404091	0.0182709	0.138969	0.0269653
3.63397	3.9087	5.36326	4.3709	5.39373	5.319
49.5093	49.324	61.7718	50.5877	56.4875	51.2359
0	0	0	0	0	0
8.83094	6.32795	15.4807	10.2587	12.5079	11.0556
2.98314	1.83401	2.10466	1.90324	2.80044	2.40764
3.12936	3.40564	3.15407	3.65604	3.14145	3.20176
0.146325	0	0.0921741	0	0.0792481	0.0615086
7.14437	8.14527	6.66211	7.48287	6.68957	5.46858
2.2109	3.02965	2.80965	2.29562	3.00124	2.53774
1.11133	0.857347	1.17686	1.39495	1.35569	1.07048
17.7422	11.6399	10.4162	10.5225	11.6663	12.3862
0.138039	0	0.0434771	0.0393162	0.0373801	0.116051
2.08322	1.23315	2.55894	1.18669	2.31291	1.55435
1.64062	1.83428	1.91828	1.63881	2.19875	1.99078
0.0102415	0.0127629	0	0	0	0
3.87818	2.5962	4.59145	4.47546	4.56258	4.13125
0	0	0.0105311	0	0	0
16.175	17.7464	16.9359	13.4298	22.1564	16.8997
0	0	0	0	0	0
22.0139	19.772	29.4079	20.5062	27.1663	20.2534
0	0	0	0	0	0
7.65068	7.07521	8.09042	7.82887	6.44965	8.21706
63.4092	69.0966	68.6559	72.5796	52.784	58.6048
10.4349	10.0657	9.95513	7.96801	11.1302	11.0496
57.3771	56.6515	46.0306	52.1725	38.2733	55.8827
0	0	0	0	0	0
6.10282	5.61909	5.32692	5.25932	3.99847	3.3603
2.01962	2.17478	1.2899	1.41839	2.23005	1.1127
0	0	0	0	0	0
1.73847	2.01368	1.958	2.62248	2.40654	1.78261
5.2327	6.10957	5.91656	5.04944	6.82122	4.9543
0.271419	0.338241	0.341948	0.428154	0.40707	0.368606
1.16557	1.26841	0.78593	1.32791	1.56482	1.54577

10.6706	11.602	11.2178	11.2049	12.4631	12.5231
20.1373	19.0139	22.3422	17.9581	20.2396	15.4506
11.9721	9.87686	14.9425	8.61617	9.12895	7.43738
0	0	0	0	0	0
0	0	0	0	0	0
52.8368	49.4336	56.2159	49.061	53.5249	40.3232
0.189437	0.104923	0.0530362	0.0639473	0.106397	0.117972
33.9267	37.0798	33.6046	33.1876	28.8921	27.0473
0	0	0	0	0	0
13.1572	12.2771	10.4988	12.0258	12.026	11.6194
12.4289	10.7974	11.7261	11.3798	10.3686	10.8149
17.6585	21.9648	12.0655	9.83827	13.044	12.6008
16.2002	14.2179	7.73058	5.48135	2.43753	2.871
2387.71	2804.54	2534.26	2592.12	2492.39	2884.18
0	0	0	0	0	0
9.07623	9.78802	10.2178	9.02531	10.3867	10.1479
24.9943	24.6546	24.7332	21.4978	23.6449	23.7472
1.9908	1.65395	1.91095	1.83607	1.74565	1.23534
0	0	0	0	0	0
1.43438	1.37002	1.66446	1.12892	1.47193	0.785471
0.0239582	0	0.219863	0.102324	0.0180209	0
0.629267	0.441798	0.714623	0.3837	0.432006	0.484326
82.3104	62.7225	78.0306	79.2025	106.033	83.1316
6.70603	8.64214	7.52035	6.66999	7.33458	5.10014
24.4357	23.3268	24.9391	22.7011	25.5421	20.6476
0.153036	0.190713	0.192803	0.818482	0	0
8.34942	8.54607	7.22828	6.66911	9.70906	8.46412
0.0319812	0.0398549	0.0402917	0.25505	0.103924	0.053774
0	0	0	0	0	0
71.5566	82.0864	66.517	80.266	51.8563	70.1492
0	0	0	0.0307801	0	0
72.0074	77.847	66.7828	64.7588	70.0745	70.9548
0.0445416	0.222031	0.0561159	0.405964	0.0964931	0.11234
0.439272	0.912367	1.29131	0	2.85486	0.246201
14.2402	16.7823	16.3615	14.9779	17.1578	14.4828
10.1396	9.51652	10.2403	9.23977	12.6194	10.5379
4.02671	4.47264	5.03631	5.41864	3.35025	4.80811
34.8872	36.0865	37.7591	37.4545	37.8202	38.3215
1.48163	1.67855	1.86664	1.38109	1.53193	1.18901
0.934379	0.921834	0.948285	0.931457	1.36352	0.851006
29.7632	143.601	32.5498	198.587	60.7678	14.7701
0.554101	0.470809	0.571162	0.459111	0.409221	0.614061
0.595839	0.526959	0.411658	0.48476	0.522972	0.471144

0.814227	0.375811	0.913556	0.515353	0.685964	0.634927
7.354	8.66266	7.89722	7.8966	9.3731	8.42304
0.0853704	0.106388	0.0879989	0.0618934	0.589959	0.182692
4.02915	4.35491	4.62959	5.90226	5.14699	4.36838
0.70875	0.857637	0.677926	0.576356	0.414401	0.56868
55.0755	61.805	42.0498	49.5288	40.9898	52.8361
7.37427	6.58499	6.91182	6.0643	8.5688	7.54857
0.135086	0.303018	0.0680753	0.0923404	0.292644	0.181709
14.9772	13.4356	16.5938	14.3261	10.6158	13.9549
0	0	0	0	0	0
0	0	0	0	0	0
6.56512	6.63213	4.94617	5.93889	4.7723	4.47418
4.8126	4.31466	4.17028	3.96773	6.91766	5.15767
8.9516	10.0704	8.02123	8.27651	8.51732	6.95385
19.8699	18.3018	18.1811	17.4569	17.6643	17.6176
1.17974	1.29927	0.588446	0.918141	0.638548	0.677211
0	0.118778	0.120079	0.108587	0.10324	0.0801301
0	0	0	0	0	0
4.29311	3.78963	3.90628	3.09088	4.58568	4.48652
14.3229	15.6965	18.7702	15.1974	17.6192	14.4618
0.195451	0.31	0.671564	0.344133	0.519649	0.373451
14.194	13.5322	17.5567	14.6351	20.4111	16.9156
8.49595	7.96714	8.78508	6.93868	9.81358	6.57739
18.4756	21.2973	21.4528	21.7945	22.0789	20.0933
14.0767	13.0333	11.5216	11.456	17.2524	18.4677
7.35511	6.83164	13.4294	11.1468	17.948	11.9624
0	0	0	0	0	0
0.633805	0.905365	0.393133	0.26087	0.491868	0.500333
0	0.0494563	0	0.0226066	0	0
0.0301089	0.141872	0.0379328	0.0171511	0.0733804	0.0253129
122.752	115.982	78.6004	85.0918	75.1472	93.003
11.6944	37.0473	81.2356	69.027	152.185	151.503
77.756	82.4717	53.6593	66.2869	48.666	60.7562
6.78268	6.70166	7.88679	6.90635	10.3822	9.38193
0.0860125	0.107189	0.144484	0.261314	0.155278	0.0723118
124.007	77.3356	81.0384	69.2252	73.4539	85.9557
59.2568	59.8448	51.3566	47.9142	41.57	48.6477
12.0132	11.556	12.1233	13.6856	11.354	13.0142
10.9929	9.84187	11.0879	10.8551	11.8924	10.6627
0.0456715	0	0.172618	0.312197	0.247352	0
13.0337	11.9901	7.86678	9.35829	5.20129	6.32906
5.39181	7.18806	8.05669	8.85706	6.38358	8.53883
40.0053	40.308	43.7896	38.6318	40.1757	36.3616

0	0	0	0	0	0
43.5961	45.664	42.1639	40.6743	34.4225	31.9745
0	0	0	0	0	0
13.7149	13.8683	13.7953	11.6302	11.4447	9.69046
191.473	185.786	183.408	191.839	176.224	193.908
0.684783	1.34571	0.696818	1.26026	0.741743	0.974271
8.11581	8.20839	8.15015	7.54883	10.6595	6.5264
2.00943	3.44004	2.19916	2.72867	1.53899	1.60403
0	0	0.0769316	0.0231897	0	0
3.18214	2.66914	3.46936	2.78874	5.43538	2.82961
9.45415	8.05771	6.2702	7.90951	13.9738	16.1859
50.6048	37.8382	50.1344	50.0535	69.7634	74.2588
0.560759	0.698817	0.706474	0.638863	1.51851	0.707155
14.9249	14.4092	12.0112	12.0045	13.9684	17.1472
0	0	0	0	0	0
6.5602	5.75531	8.0372	4.99868	8.72198	6.27819
18.5421	18.8469	19.9429	18.754	22.2982	21.4304
5.77831	6.04765	6.36985	5.60595	5.52548	4.87687
35.3634	37.8456	34.8144	40.8855	33.339	35.4119
0.166287	0.414453	0.209497	0.568344	0.180119	0.419399
0	0	0	0	0	0
19.1862	19.5626	18.019	17.2219	11.9655	13.0018
0.407256	0.697842	0.865827	0.318986	0.441131	0.427981
0	0	0	0	0	0
0.590067	0.945438	0.2124	0.768289	0.821763	0.566945
177.546	202.84	163.575	163.134	146.173	169.271
2103.35	1691.95	2963.69	1909.58	2734.31	1957.18
0.143506	0.357674	0	0.653977	0.621772	0.48259
0.114149	0.142253	0.378225	0.370422	0.257746	0.546029
5.47538	4.50832	5.05045	4.23293	6.30149	4.46621
33.7602	34.2522	32.1248	33.9167	31.2547	35.6223
4.60034	4.36305	4.58181	4.02336	5.17912	5.02927
62.4267	60.8105	72.3271	55.6733	55.2728	45.8222
9.90491	10.2803	9.47799	9.06731	13.2144	10.6227
1.09633	1.38861	1.25289	0.708114	0.898703	1.33055
32.1499	36.9948	33.1032	32.1668	30.6868	26.7392
15.9553	15.2027	15.1493	15.1243	13.6683	14.2174
19.5065	18.8071	19.9218	18.1956	18.2903	15.4234
13.6494	9.30457	12.1256	12.0417	14.7595	12.1618
80.9442	74.9203	68.5904	65.9183	65.0388	62.9949
0	0	0	0	0	0
3.17019	1.98083	7.58991	4.87759	8.92895	8.92848
8.81516	7.57002	8.52384	6.97913	9.57587	8.24794

28.7151	39.5704	17.7752	21.4777	20.5555	18.1584
51.2477	48.1272	48.3849	47.0333	61.7247	59.2412
0.704273	7.33E-144	0.424001	1.42E-170	0.363067	0.288197
25.0393	23.1286	21.8539	24.8167	17.3855	24.4173
15.3903	20.0037	15.7228	19.5436	21.4472	22.5039
4.28887	3.72319	4.48531	3.80699	4.69072	3.90326
0	0	0	0	0	0
61.6154	64.6233	66.7221	64.6811	64.9018	60.1812
17.064	21.6179	14.732	14.7491	16.5876	11.6339
0	0	0	0	0	0
2.9604	3.47558	2.77925	3.72433	2.89712	2.24861
0	0.0558199	0.0846473	0.0255154	0.0970358	0.0564859
50.0911	42.3905	51.4931	40.9974	68.6884	57.4874
47.3986	65.8682	56.3454	64.6054	49.7187	59.8178
17.4058	19.6511	18.243	20.6336	17.3077	19.0103
0	0	0	0	0	0
0.076872	0	0	0	0	0
0	0	0	0	0	0
0.213013	0	0	0.242682	0.922925	0.537247
7.18677	5.53213	6.28378	4.36536	9.4245	4.70423
9.495	10.0852	9.92892	8.75448	8.40794	8.08527
0.391682	0.335578	0.616827	0.753023	0.371229	0.740906
0.816004	1.13399	1.29056	1.04135	1.08428	0.655716
17.3602	14.4891	16.264	12.6597	18.2274	13.4873
100.543	72.0443	100.722	83.2882	72.5135	89.5565
0.0661864	0	0	0	0.143384	0.111287
9.09348	10.3554	15.6045	11.0745	8.49127	8.30405
33.0992	38.3305	37.1344	32.9351	27.3192	31.1737
6.09226	5.6324	5.91252	6.70098	5.47906	5.36648
46.8466	46.4583	35.8413	42.5573	32.4939	46.061
24.232	21.2838	30.4612	23.1511	29.6338	24.2273
1.33494	1.78995	1.70312	1.8674	2.98348	2.89809
0.196803	0.040876	0.0826478	0.186846	0.177644	0.303334
245.057	286.032	269.367	265.265	230.622	257.493
0	0	0.0602124	0	0	0
2.78283	2.06E-07	3.72E-07	1.29E-08	3.97E-07	3.51E-07
4.49293	4.73769	4.7896	5.51247	1.12307	2.61503
3.71845	2.86501	3.02413	3.09191	4.39385	5.68357
0.0311849	0	0.0392884	0.106585	0.0337789	0.0262175
0.667647	0.542622	0.859424	0.892924	1.27343	0.573501
0	0	0	0	0	0
1.77989	1.73919	2.01306	1.54389	1.99366	1.63241
0	0	0	0	0	0

0	0	0	0	0	0
16.6159	15.4679	17.2413	16.6936	16.3157	18.3764
0.426917	0.33856	0.68454	0.265298	0.252233	0.326286
1.26682	1.13002	0.991204	0.546921	1.67552	1.09866
3.07128	3.20749	3.70587	2.71053	4.53328	2.96953
11.0415	9.62071	10.961	8.64413	11.2209	10.0271
52.6299	54.0156	54.3636	42.292	41.7679	47.2921
1.14282	1.08755	1.46596	1.44402	1.14785	0.716217
0	0	0	0	0	0
78.3699	80.6794	73.7293	80.9564	56.2843	65.2916
0	0.195384	0	0.178621	0.169825	0.13181
124.428	113.506	115.201	114.44	112.836	101.386
1.84873	2.33989	1.81964	1.77713	2.3154	2.01567
4.89421	4.71958	5.33407	5.17761	7.76263	6.75973
6.74998	7.26573	9.41123	7.17614	9.18159	6.4042
19.856	18.12	20.4136	16.4844	31.5455	25.7866
9.25935	10.0303	9.91876	8.36928	11.0936	11.267
29.7794	34.1366	30.185	34.1064	26.6479	27.8655
74.0856	67.94	69.0347	75.5299	69.2833	79.0093
23.0015	21.6124	17.0944	14.7893	14.8492	14.5368
0.0824038	0	0.0346056	0	0	0.0230926
0.387737	0.483198	0.710535	0.883485	0.687255	0.385244
10.9308	13.7704	13.9229	10.6963	19.7988	14.0064
1.7952	1.8933	0.31285	0.176871	0.269139	0.350846
2.51194	1.60159	1.72954	1.2978	2.30959	1.6207
12.1806	12.6193	11.2152	11.6785	10.3842	9.15873
0	0	0	0	0	0
1.7234	1.55523	2.02149	2.36967	1.5449	1.24904
6.73932	6.36119	7.77931	7.50379	8.65031	6.26899
6.79078	7.29736	8.19161	7.07039	7.00225	5.29237
1.12075	1.1386	0.895174	0.957311	1.29497	0.749218
0.0808703	0.146546	0	0.0812271	0.125119	0.0324658
1.5549	2.32526	2.51207	3.08445	2.31831	2.8759
19.5419	23.4535	21.9453	22.4283	21.1637	27.8229
7.84811	4.89104	3.06802	6.68944	6.31514	5.45356
6.1006	6.23511	6.22102	6.45809	6.62082	5.10818
4.89782	4.46823	6.90865	4.75235	8.55436	7.74278
0.633374	0.689786	0.417828	0.337048	0.424111	0.430838
10.9853	9.54987	11.202	10.8456	13.2447	11.9619
138.026	181.098	125.849	114.196	93.3171	105.642
8.6581	8.43388	10.3205	12.348	10.5659	10.7436
0.111065	0	0.0699628	2.39E-10	4.58E-10	0.0466868
41.3852	37.7364	38.5302	32.4358	37.5947	40.1425

1.61126	1.66794	1.56345	1.57903	2.49793	2.016
1.69835	1.88618	1.36552	1.38934	1.40282	1.31208
28.1408	28.9554	23.7635	36.5466	21.7035	28.112
4.1632	4.3939	4.28828	4.95936	5.05299	4.1499
0	0	0.0618544	0.167804	0	0
8.71139	9.56651	7.37386	8.74488	6.81236	6.68378
229.241	194.361	180.104	161.504	157.086	223.826
64.6608	66.6008	63.9982	56.0126	65.3533	62.0906
25.2958	24.0742	24.8886	22.2412	26.5687	27.3271
0.0600732	0.00742445	0.0112587	0	0	0.00751304
17.1111	16.3014	13.5543	14.1519	16.9083	16.9545
86.1925	66.447	51.9937	47.4411	60.4521	34.8159
11.9632	11.5832	12.1584	12.6161	11.0796	10.9549
2.83076	3.43249	3.82249	2.75583	3.5234	2.34211
2.29987	2.47077	3.19724	2.6202	1.54624	2.13355
0	0.130599	3.47E-227	0	4.25E-84	0
0	0.0528518	0.0534309	0.0483174	0	0
60.7272	50.5511	55.5446	54.0121	52.1176	49.5839
43.4305	45.4717	42.2911	44.7431	32.1433	37.5029
0.0174455	0	0	0	0	0
4.97637	7.24682	4.1853	4.70211	4.59449	7.43907
57.1696	55.5535	58.5922	59.2067	50.1878	58.2296
10.4835	10.7852	10.1165	10.4698	8.93943	9.6387
2.12856	1.20573	1.95031	4.40915	2.41041	4.79913
3.86E-07	4.96E-07	2.34E-07	3.09E-07	3.45E-07	1.55E-07
0.222669	0.308108	0.243816	0.211751	0.267804	0.104936
3.65328	3.94703	3.29852	3.34947	3.61874	4.36853
3.73572	3.67759	5.37267	3.12887	5.72786	4.38833
2.0735	1.62857	1.88789	1.44914	2.45358	1.50883
0	0	0	0	0	0
15.2411	12.4836	32.4414	15.0535	24.4083	18.4451
0	0	0	0	0	0
2.92342	2.22638	3.06924	1.29523	9.14792	3.82317
7.52689	7.54495	7.99892	6.99497	6.52857	5.96479
18.8357	18.4986	29.1127	36.1324	20.3349	18.6145
0.136378	0.105679	0.171816	0.192194	0.0849012	0.0245031
0	0	0	0	0	0
77.5115	84.2765	86.047	81.5194	84.1078	73.4147
20.1496	19.6786	18.9868	19.884	18.3047	19.1759
14.9577	14.5043	14.2068	14.6233	17.1032	15.7774
1.03374	0.206845	0.303275	1.04975	0.503277	0.549372
1.8339	2.43777	1.23224	1.60182	2.05266	1.54178
22.6077	23.6304	22.9393	24.4281	21.3276	23.3497



58.51	56.0339	61.6107	57.0011	65.0057	63.6393
11.6878	12.3133	17.7387	14.6636	16.2651	11.7826
8.0064	9.66947	6.80446	9.18655	4.61428	5.85172
73.0427	72.4125	77.8072	82.6998	55.4101	61.1114
2.15293	1.57319	2.07302	1.86092	2.3268	2.64198
6.2604	5.74503	6.72099	5.4811	6.82071	5.39119
37.8961	37.0878	22.8339	18.5368	8.47735	16.9687
0.200929	0	0.759423	0.343372	0.326463	0.591232
6.24418	6.86905	6.87472	6.40564	7.90081	6.51937
0.251316	0.537855	0.644847	1.21325	0.423021	0.780799
0.106356	0.212292	0.161332	0	0.325903	0.345627
31.6632	30.2336	28.4749	33.3094	30.1643	32.5293
100.778	100.234	92.1536	84.4193	82.3415	80.8495
0.287149	0.511207	0.206724	1.21511	0.222167	0.655255
0.21948	0.20861	0.250178	0.226235	0.566096	0.342737
37.0296	37.1595	37.2126	38.1658	39.6534	43.3767
45.4968	40.6864	49.4131	45.2307	46.7097	42.2474
5.39858	3.64658	5.78507	5.15618	4.85941	3.91689
8.12832	7.96811	8.78107	8.44206	9.82787	7.89452
4.77231	4.62564	3.08329	4.69349	1.72309	2.94909
31.572	36.1179	32.2475	35.0616	24.2731	26.0405
0.933087	0.775208	0.783702	1.24023	0.673801	1.30743
14.1598	13.2228	17.7431	13.3539	23.1971	20.3022
2.36365	1.73802	3.21608	2.82757	4.68526	3.93455
0	0	0	0	0	0
1.47854	1.84255	2.23529	2.33581	1.90048	2.75123
20.5204	20.1678	21.5464	23.1098	21.3164	22.7273
0.167856	0.170055	0.251047	0.230039	0.344811	0.282237
0	0	0	0	0	0
9.39062	10.1132	10.3093	8.49971	10.6974	8.30283
5.27056	13.5529	3.69597	39.1003	4.13732	7.24381
49.2767	48.7506	43.1458	47.2265	48.9152	58.1024
19.7728	19.0723	20.6887	19.536	16.9404	17.9381
0	0	0	0	0	0
11.962	11.0602	10.0211	10.9253	10.4599	11.3987
0.3283	0	0	0	0	0.0920019
8.02599	7.22366	5.8583	6.02335	7.72764	6.8011
17.5963	19.7547	19.6051	18.2695	19.0161	15.7265
0	0	0	0	0	0
0.142678	0.132465	0.0946847	0.0722445	0.0686869	0.0740437
0	0	0	0	0	0
5.15805	4.75305	4.45741	3.8735	4.11167	3.88754
155.379	148.499	155.769	136.542	141.973	137.179

0.91054	1.73869	1.0355	1.59683	0.670365	0.950267
0.0627715	0.0260753	0.079083	0.0953527	0.113321	0.0703637
1.7732	2.21697	1.04833	1.05302	1.71432	2.16588
8.56877	7.60156	8.41675	7.31341	9.40736	7.17945
0.177157	0.126156	0.0956536	0.144166	0.0548265	0.0212768
0	0	0.204193	1.10791	0	0
0	0	0	84.0835	0	17.9612
7.12683	7.4667	7.62798	8.23923	7.8335	7.68835
19.096	20.9866	21.827	23.1071	23.5738	26.7149
43.4337	44.2052	55.0784	59.2018	37.5243	42.1131
43.237	43.5647	43.7624	43.2409	43.0589	42.0132
0	0	0	0	0	0
3.59775	3.36883	3.45583	2.53631	4.54293	2.74059
5.48892	6.10366	4.92802	4.31236	5.81732	4.81364
24.6136	24.3148	20.9705	22.8441	28.6804	30.0755
4.6303	4.66143	5.64198	4.17526	6.11052	5.06142
0.214481	0	0	0	0.232321	0.0901582
5.61546	8.56552	7.58403	11.9251	7.10441	8.95098
0.290159	0.723192	0.365558	0.583365	0.905908	0.860966
7.24339	7.91609	7.8569	11.3415	6.73381	8.64832
3.13939	2.4426	2.97161	2.15735	2.59088	2.82087
12.2267	14.5379	11.8708	14.5686	13.2741	14.2163
0	0	0	0	0	0.0568186
0	0	0	0	0	0
0	0	0	0	0	0
0.0313376	0.117159	0.197404	0.0714047	0.0339442	0.0263459
0	0	0	0	0	0
1.40315	1.58047	1.68277	2.02128	1.51255	1.23636
39.2419	36.9335	39.2917	36.634	43.4529	44.3294
23.1492	111.07	19.7903	151.604	53.6036	0
9.19408	8.18988	9.53696	7.94618	11.0258	9.92166
0	0	0	0	0	0
0	0	0	0	0	0
3.22594	6.03024	4.51579	6.53379	11.4535	6.02686
5.10698	5.73637	7.01741	3.95644	6.71189	4.84307
0.702307	1.5876	0.84365	1.67468	0.495355	1.26326
966.066	1108.84	996.962	1096.16	864.906	1082.24
0.672404	0.363111	0.338853	0.383029	0.874002	0.226119
0	0	0	0.160691	0	0
1.70373	1.90107	1.15847	1.915	1.48136	1.69579
2.98913	2.59928	5.23737	3.32678	4.86507	2.73307
0	0	0	0	0	0
1.88979	1.52925	2.53546	2.0132	2.685	1.9808

2.96952	2.28141	2.2993	1.46724	3.48723	2.08037
14.3307	15.6644	14.275	12.8259	11.5168	10.461
0.06072	0.0610336	0.181673	0.0409939	0.129917	0.0605014
4.13088	4.12752	4.22509	3.67359	7.09726	5.6207
4.31914	4.51698	3.82818	3.31345	3.691	3.35745
0.366651	0.373844	0.419933	0.303796	0.541567	0.280225
1.08119	1.61686	0.85134	1.38576	0.995456	1.4998
0	0	0	0	0	0
3.09231	3.4201	3.11668	2.36335	3.838	3.49882
17.2887	17.539	19.8081	19.9763	23.7157	23.8165
8.30289	7.81138	10.6834	7.53847	10.9787	8.24111
0	0	0	0	0	0
1.31377	0.942643	1.4211	0.650107	1.4518	0.613613
4.3627	4.68017	4.36082	3.52275	4.87475	4.55183
8.68912	6.20319	16.503	6.6659	9.64836	4.69872
13.0128	15.3141	16.9471	16.1252	13.6673	15.2938
1.81587	1.82019	1.84013	1.30424	2.22347	1.36069
3.28165	1.02E-05	21.2322	3.71E-07	37.3096	1.31E-06
2.22458	1.11006	5.23011	5.53076	8.70237	9.6011
0.0237851	0.0148205	0.0599316	0	0.0257636	0.00999822
8.97083	8.6217	5.14116	5.77885	5.70139	6.97293
13.7755	12.4851	15.2633	11.9109	16.0644	13.0481
0	0	0	0	0	0
9.36178	10.5861	9.91692	9.27655	10.5661	7.52886
0	0	0	0	0	0
2.23217	1.58512	1.94578	1.78877	2.03884	2.89127
2.39846	2.93637	3.27669	3.64678	1.91177	1.9171
4.57933	4.29725	4.86566	5.84572	3.64547	3.73394
0	0	0	0	0	0
40.9227	40.5233	69.448	52.1927	108.689	89.3926
0	0	0	0	0	0
0	0	0	0	0	0
8.14371	8.06177	11.6471	8.72915	13.9647	9.41155
1.03086	1.02121	1.18002	0.897966	1.4833	0.845693
1.0042	0.521429	1.68686	1.33474	0.725151	0.562827
11.991	10.5363	11.4483	9.60795	10.4	8.59449
0.695147	0.55368	0.470547	0.486005	1.18984	0.805698
13.7542	16.1354	16.3657	15.5732	13.6721	13.0385
5.27419	4.55044	6.97096	6.21884	9.72791	10.1413
3.12035	3.43639	4.05932	2.35624	4.59418	3.83011
20.9104	20.0204	17.1815	18.4008	20.2583	25.4602
0.359274	0.408229	0.284966	0.127421	0.439571	0.393734
0	0	0	0	0	0

0	0	0	0	0	0
9.17654	8.59603	10.3972	7.85855	12.5415	11.9606
0.76428	0.698459	0.706113	0.783658	0.413926	0.364106
8.85157	9.43499	11.1517	8.13922	11.2426	8.5182
0.0526036	0	0.0147269	0	0.113241	0.0393104
15.9967	15.6303	18.7441	16.0251	11.0382	13.5307
2.36E-08	0.0962494	3.42E-10	7.18E-10	0.191298	0.0779965
5.83188	5.20104	5.43214	5.25865	7.39475	6.22742
2.86413	1.45002	1.69143	1.26443	2.67579	1.73068
24.2045	25.8967	23.6254	24.6651	20.1982	21.124
31.6285	33.3496	36.0757	34.5295	39.8185	38.2004
0.0398027	0.0992041	0	0	0.172454	0.0334626
11.7566	10.8739	12.1866	12.9823	13.4562	10.2184
8.26022	7.45234	7.94954	6.87833	9.66184	9.05433
0.215402	0	0.814125	0	0.233319	0.362182
0	0	0	0	0	0
0.0299995	0	0.037795	0.0341779	0.0974846	0.0756629
3.49183	3.29131	3.86328	3.51375	3.12954	2.80152
0.247936	0.114081	0.148065	0.0894134	0.276608	0.175416
4.29521	4.7089	3.70319	4.06571	4.6007	4.8469
52.435	55.5128	53.4631	50.0781	45.5759	54.7419
0.869671	0.797552	1.19216	1.07807	1.46762	1.09615
0.498947	0.534737	0.565741	0.761712	1.52407	1.89601
0	0	0	0	0	0
0	0	0	0	0	0
6.33938	8.46442	5.99002	8.76999	8.09288	8.56541
0	0	0	0	0	0
5.45833	5.85887	4.20593	3.52919	5.43646	4.20121
24.9234	25.346	24.2412	25.9498	20.7889	22.5116
1.06497	0.439391	0.446345	0.494911	1.20625	1.12386
2.70425	2.84116	2.54901	2.70985	2.23431	2.54731
13.6957	16.883	13.4306	15.2659	14.033	14.6571
9.92481	11.4521	17.1349	8.58507	17.5191	5.5626
0.0635632	0.102289	0.496366	0.793062	0.342053	0.155494
10.2568	8.7876	12.2355	8.76402	7.49919	8.55116
51.2963	48.174	41.0305	44.1461	32.2787	42.5049
2.7571	2.74465	2.32255	2.43483	1.69644	1.72816
3.73836	4.09144	4.58814	3.53612	5.00562	4.00109
34.4596	26.9469	33.993	30.014	37.0439	31.4197
6.45425	6.18857	7.79222	5.74284	8.09284	6.01091
3.30239	2.94006	4.0054	3.8215	5.80324	4.60564
12.6101	5.75468	7.4835	5.5982	9.61902	6.95151
0.419454	0.14935	0	0	0	0

72.0039	98.2255	73.7214	93.9059	66.3782	71.1078
2.73683	2.5888	2.63794	1.78441	1.58939	2.19
4.3107	3.14055	5.93217	5.47778	5.49537	6.63482
1.37988	1.02575	1.37279	1.65496	1.83521	1.89309
0.531829	0.387462	0.494789	0.372863	0.753317	0.405843
0.0198274	0.0370633	0.0281021	0.0571784	0.0429533	0.00416728
0	0	0	0	0	0
11.0316	11.3511	12.9569	9.75875	13.8934	11.2747
1.84207	1.8758	1.9359	1.22599	2.12959	1.38325
0.6157	0.652192	0.542984	0.596238	0.46684	0.439982
6.50363	9.21608	6.74008	5.97553	6.30605	4.85046
2.49257	1.87669	1.57014	2.24813	1.46245	1.61531
71.1172	62.7955	64.8948	69.6289	65.5333	70.1716
0	0	0	0.0923337	0	0
0.0798554	0.0995157	0	0.181956	0.345991	0.201406
4.01144	4.16933	4.11026	2.61804	2.42452	1.57152
14.3116	13.1208	16.6071	16.6483	14.4825	12.2256
2.0538	0.568765	2.87499	0.259984	0	0.959252
0.172608	0.399477	0.434921	0.393298	0.133546	0.103652
0.0412859	0	0.0520142	0	0	0.0347095
10.1443	10.5395	9.59224	10.748	8.92032	10.7865
0	0	0	0	0	0
85.067	87.7008	80.1093	84.557	89.4194	101.232
32.7898	30.593	35.3317	34.7566	34.8319	34.3683
19.0161	16.9841	21.0554	14.8729	21.7943	17.2535
5.13384	5.38657	3.75904	4.241	3.58073	3.28883
0	0.076934	0	0.0703335	0.100305	0
0.291914	0.129884	0.551547	0.283804	0.304944	0.340988
23.5057	23.7355	27.2223	24.4838	38.656	35.2712
0.656213	0.773568	0.692668	0.7072	0.710796	0.581507
35.5988	38.6017	34.2194	37.6601	32.3001	33.2321
9.76004	8.01658	10.3276	10.287	10.4891	9.43591
4.72162	3.65066	2.34784	4.40086	3.78938	3.47143
15.0179	14.6517	15.1016	17.1097	12.4864	15.3285
0	0	0	0	0	0
0.872605	0.59819	0.5838	0.51918	1.41615	0.682713
0	0	0	0	0	0
2.67991	2.74891	2.88856	1.90274	3.00468	2.78232
2.63829	2.07863	3.05108	3.21589	2.95327	2.44052
28.533	26.2782	22.3685	18.419	18.6988	26.056
22.8926	23.6685	24.0972	22.782	22.4876	24.3469
0.210065	0.261783	0.28022	0.140779	0.227539	0.238936
18.0573	16.6975	16.361	15.5467	15.6743	10.086

0.291539	55.1332	0.85731	630.62	1.26447	27.5739
0	0	0	0	0	0
9.13819	11.8871	11.1458	19.2043	12.2644	13.3451
0.0503394	0.112919	0.0253681	0.0114702	0.0109053	0.0253926
0	0	0	0	0	0
0	0	0	0	0	0
26.1511	28.7928	31.036	28.32	28.0966	28.4677
22.3973	30.8139	25.8699	40.0442	36.4324	38.5567
10.5094	9.60189	12.6211	10.705	14.155	14.0369
0	0	0	0	0	0
5.87427	6.92678	5.82328	5.75925	5.14608	5.70592
1.7341	1.51845	2.0907	1.22638	1.55462	1.27574
1.4497	1.83607	1.27083	3.27269	1.13019	1.1713
36.194	33.706	33.7155	30.9264	32.731	34.9649
3.68274	5.16156	6.36506	11.2803	6.09983	5.96002
8.65198	9.14135	10.2923	8.78617	10.0053	8.4738
20.0183	18.0554	17.7226	21.8472	15.6273	25.2698
6.94683	7.01228	6.66498	7.06209	7.47836	5.68754
2.19694	1.78546	2.70864	1.36156	3.20105	2.93611
0.412432	0.475001	0.648278	0.443033	0.608012	0.423217
6.51557	6.78584	7.63832	8.73413	4.97159	5.82267
5.00733	4.75227	7.13917	4.28873	9.26492	5.11609
35.8834	32.1237	35.3318	27.0467	37.7839	31.3377
3.74134	2.10458	2.7823	1.95362	2.84241	1.50716
1.07114	0.905241	1.05476	0.925764	2.3338	1.71823
0	0	0	0	0	0
0.529432	1.06442	0.870722	0.881669	0.575126	0.650117
27.0947	23.2415	22.8031	21.1849	22.6445	29.3928
28.4528	26.9747	31.5224	29.1538	28.6569	28.2524
169.262	182.748	193.131	187.7	162.925	151.496
0.101388	0.0631747	0.042578	0.0577547	0.0732142	0.0142063
5.41264	5.21235	6.63162	4.36158	6.57992	5.98444
0.406031	0.404796	0.409231	0.185033	0.703686	0.068271
2.96399	2.18376	3.65173	6.54564	1.41796	2.79089
0.904058	0.702594	0.314816	1.10229	0.660549	0.398347
0.155935	0.58298	0.392912	0	2.03071	1.31097
1.59E-09	1.32E-09	6.89E-10	1.67E-09	1.41E-08	1.34E-09
0.820415	0.929455	0.187928	0.764742	0.161574	0.438921
0.166717	0.207762	0.371608	0.379876	0.277822	0.194069
153.676	163.748	148.035	129.246	97.6499	99.4187
4.02267	3.80509	5.58699	3.61668	6.19469	3.68751
9.07747	8.59189	9.00261	7.9979	9.90057	8.00123
20.4503	20.9783	20.7147	20.3405	14.7507	14.3519

20.8172	20.7267	16.1203	20.689	23.2038	24.5362
0	0	0	0	0	0
5.22916	4.86815	5.41624	5.6514	4.27608	5.72262
0	0	0	0	0	0
0	0	0	0	0	0
28.9298	27.3893	31.9652	26.4527	28.3953	23.4362
50.1749	58.9639	54.2283	61.1228	56.7797	72.5871
0.897685	0.90117	0.659722	0.71022	0.540197	0.775659
0	0	0	0	0	0
0.432801	0.606775	0	0	0.468801	0.409343
3.18052	2.28455	2.50437	1.78659	3.15799	3.17526
6.90564	6.27267	6.65074	4.55731	5.39671	4.68753
2.45903	1.42613	1.14201	0.6124	3.12474	2.06795
35.9556	36.0949	34.6278	33.3698	41.4776	38.159
8.56229	8.2569	10.0092	9.206	10.8988	10.2756
0	0	0	0	0	0
0.449997	0.469229	0.462801	0.470823	0.35811	0.231623
0	0	0	0	0	0
0.336884	0.514985	0.000221356	1.57E-05	0.00203141	5.61E-06
13.8135	16.632	16.4188	14.3127	19.9532	12.9351
1.30223	0.852232	0.973927	1.33194	1.52911	0.947076
39.3645	30.0367	12.4196	10.7646	19.6363	21.902
0	0.05134	0	0	0	0
17.0348	15.3623	16.435	16.9202	19.5357	14.6656
0	0	0	0	0.523386	0
4.25993	4.21856	1.35178	1.14969	3.83274	4.01107
11.4619	11.5739	14.4961	13.596	15.1003	12.5865
31.3984	32.2408	32.7085	28.711	30.8059	30.1712
0.489942	0.496084	0.347206	0.38375	0.43119	0.257438
1.63692	0.927241	2.99969	1.63887	2.90141	1.41788
0	0	0	0	0	0
9.0028	9.7898	11.8521	10.7352	14.8362	11.9557
26.3531	11.3346	24.4161	15.3838	26.6254	17.4106
24.5493	21.3775	27.8739	21.2699	28.6923	26.907
10.6921	11.3918	10.9342	10.6693	11.5007	12.5369
0	0	0	0	0	0
0	0	0	0	0	0
2.68166	2.44955	4.65207	2.84723	3.37617	2.73846
0.180907	0.450893	1.3675	2.47325	0.195955	0.152091
3.12033	3.42465	3.43711	3.07673	2.25375	2.2988
2.91975	3.19945	3.17109	2.6382	2.39923	2.7086
4.87697	6.11358	5.08988	5.91789	4.7512	3.68765
0	0	0	0	0	0

3.61128	2.6413	3.74861	3.03695	7.9911	5.48956
0	0	0	0	0	0
0.156189	0.243304	0.344358	0.44486	0.211477	0.0328276
11.6252	10.1053	10.3507	10.2551	10.1357	10.6922
0.516739	1.6743	0	0	0.223889	0.434429
0.55523	0.322899	0.512973	0.548222	0.120283	0.0933576
0	0	0	0	0	0
39.1402	37.7829	40.8944	35.9026	36.1494	37.331
5.68825	6.60203	8.43081	10.0633	10.2683	10.0961
0.725274	0.771271	0.657886	0.594925	0.565627	0
0.120756	0.164166	0.221287	0.162588	0.237818	0.159972
66.2138	63.2284	52.7893	53.4986	52.4592	51.7422
0	0	0	0	0	0
0	0	0	0	0	0
11.4051	12.4595	13.0859	11.823	13.4267	11.1061
17.2919	20.5415	13.2785	14.6742	7.71334	9.33786
0.0711507	0	0.134459	0.121591	0.115603	0.179452
8.64689	8.60747	10.2485	7.44109	11.4546	7.91934
0.466907	0.336866	0.278638	0.335962	0.798544	0.454514
30.2644	34.8176	31.5756	34.4481	35.5181	33.0152
15.1858	14.0502	19.0037	15.9394	20.1506	17.0589
0	0	0	0	0	0
4.2797	4.57039	3.78545	3.46093	4.98959	4.8571
105.206	131.273	81.3503	80.5854	65.6659	90.158
6.17194	7.4177	9.54176	6.19733	10.3792	8.40765
3.27841	2.70828	3.61405	3.23983	2.63646	2.704
0	0.0230159	0	0.0210413	0	0
6.82421	7.02687	9.66258	10.0016	9.6395	9.02783
1.86988	2.75884	2.11085	2.47145	2.37478	1.55799
18.3637	19.1964	19.2978	20.6696	19.5164	16.9331
0	0	0	0	0	0
8.74252	9.25834	7.1853	8.80602	10.1606	12.1763
0	0	0	0	0	0
0.0891199	0.111061	0	0.304598	0.0965328	0.224772
4.76706	4.96881	4.89853	4.05614	5.42602	4.96207
2.29697	1.76708	2.21511	2.31001	3.74733	1.96685
22.3346	15.5929	18.8961	14.7303	32.6425	21.4154
0	0	0	0	0	0
0	0	0	0	0	0
39.8455	39.0842	37.1709	35.269	45.3879	42.0378
16.7045	17.2417	20.2444	19.0265	20.1217	18.1178
12.3998	13.9074	13.9015	12.8725	13.8765	12.1342
0.364947	0.315831	0.386343	0.0692961	0.231966	0.172584



4.30733	6.52554	2.87291	2.98285	3.01892	1.91712
0.256362	0	0.161489	0	0.138843	0
0	0	0	66.7636	0	8.69416
60.9331	65.4728	64.9831	69.68	53.844	52.7232
46.1962	44.8543	43.9068	45.5598	41.7918	44.4555
0	0	0	0	0	0
1.38607	1.26273	1.3237	1.19702	2.39441	1.57584
6.99096	7.54713	4.55741	6.01982	3.87428	5.09145
1.88231	5.86434	2.37144	0	5.09721	3.95621
3.92028	3.66854	4.55224	4.20348	3.30548	3.5043
0	0	0	0	0	0
1.44797	1.30622	1.59232	2.49848	2.63438	1.3885
0	0.00409748	0.0414238	0	0	0.0276425
5.33205	4.83466	5.04979	4.02188	4.56071	4.37452
1.46629	1.21332	1.72908	1.52351	1.8805	1.7061
0	34.048	0	0	0	0
0.421978	0.559256	0.17721	0.259453	0.580416	0.354762
6.82757	7.9782	8.06056	5.91187	9.29253	6.48966
0	0	0.0261992	0.0236919	0.0225252	0.034966
0.200327	0.109801	0.177608	0.0892276	0.152701	0.0877919
30.7635	34.6236	29.6881	31.7076	30.2933	36.5423
4.77645	7.12162	8.70406	8.4541	9.60839	14.4849
22.6563	21.3226	17.074	19.2133	18.3328	21.1528
13.383	13.7817	12.8532	13.011	12.785	15.0196
15.4437	14.1677	17.2134	15.293	19.3989	16.7838
0.635873	0.452813	0.28611	0.413965	0.590369	0.190923
92.8938	98.6124	83.1555	93.864	72.6889	99.3621
26.5343	27.7827	23.0282	29.9007	24.8791	28.6003
0	0	0	0	0	0
0.285147	0.21321	0.538866	0.487295	0.277979	0.191782
38.5056	36.965	31.7677	32.7285	52.6956	52.6907
10.0639	9.25009	8.32757	5.16957	18.2809	14.8264
0	0	0	0	0	0
0.488215	0.533147	1.03328	0.590661	0.862053	0.446944
0	0	0	0	0	0
0.488192	0.678028	0.456894	0.23865	0.453256	0.340069
14.324	18.9661	17.0163	19.9956	30.7466	31.1854
46.0912	44.7937	48.2824	48.0377	46.2769	43.6256
0.621187	0.619298	0.547824	0	0.538286	1.82784
1.83757	3.15579	3.02236	3.46837	4.73074	4.3966
55.5902	58.902	42.0099	39.7516	36.1679	34.2675
62.5479	59.801	47.2589	44.0731	34.2755	36.5792
0	0	0	0	301.382	0

3.18823	4.43671	2.37655	2.36099	0.805799	1.45187
0	0	0	0	0	0
16.3877	16.3507	16.1739	12.4788	12.7829	11.8645
7.26447	6.73285	8.39337	6.30085	8.02688	7.21216
0.584814	1.10144	0.748844	0.379089	0.633458	0.396565
0.324335	0.252616	0.383076	0.0769811	0.614797	0.159059
1.06973	1.01759	2.4536	2.7647	2.62636	2.04005
4.27212	4.8569	4.43799	4.16696	4.30273	3.67984
10.5341	9.51928	13.1994	11.0247	9.18191	9.68892
2.64768	2.53115	2.01056	2.97514	2.6322	3.47612
0	0	0	0	0	0
18.6479	19.0633	24.8823	25.8556	28.8383	36.5559
0	0	0	0	0	0
0.0746456	0.0310077	0.0313475	0	0.053903	0.0627554
1.69758	1.31138	1.45082	1.22149	1.67749	1.00987
0.145756	0.193556	0.210716	0.202138	0.336006	0.149888
0.0457634	0.356439	1.0414	0.0521374	0.0495699	0.0384738
1.83689	1.51949	1.86374	1.24101	1.91926	1.96477
2.02293	1.50086	2.50024	1.21653	3.39303	1.60732
25.0785	28.7314	20.8659	25.3552	18.9591	23.7736
57.489	55.9928	55.6903	46.5154	56.3953	51.8071
0.498906	0.396167	0.364392	0.21945	0.402685	0.185977
8.11812	8.50616	8.39583	8.19051	7.2622	8.25112
0	0	0	0	0	0
23.9949	26.7789	24.2876	20.8728	13.8238	18.8
0	0	0	0	0	0
53.5746	50.9358	57.9701	58.3881	36.0909	33.1386
4.22332	3.52866	4.71613	3.82737	4.2627	3.75233
5.13299	3.94847	5.02301	4.47647	5.62253	4.74447
0	0	0	0	0	0
13.3165	11.3075	13.6508	13.5177	13.6016	12.24
5.63388	5.22533	3.90298	4.15324	7.64762	5.29369
5.08548	5.16856	4.47646	4.22668	5.81629	5.34999
5.66365	5.21601	5.60505	4.79352	6.70542	4.68153
11.7692	12.3704	12.7274	11.5782	14.7898	10.483
48.6729	58.4835	50.1572	54.1008	49.1782	62.9665
1.48767	1.81104	1.06841	1.15098	1.63198	1.58831
1.84145	1.34998	0.982733	0.98723	0.516238	0.47353
0.28765	1.69546	0.184151	14.7632	0.234582	1.41444
0	0.0455721	0.138214	0	0.0792214	0.0614878
9.4234	7.52348	8.27116	8.10973	11.7637	11.6588
0	0	0	0	0	0
0.396508	1.54902	0.446206	0.881241	0.708245	1.02228

0	0	0	0	0	0
17.1818	16.1544	16.3176	15.5782	17.2137	16.3344
41.4792	40.4031	43.8132	42.5338	45.0919	46.8892
1.02524	0.784012	2.60848	1.81159	2.84069	2.51694
5.60289	6.26321	6.52855	6.36002	6.462	6.18624
7.94322	6.83565	8.67561	5.94991	10.2163	9.1651
3.69659	2.7782	3.32875	3.02764	2.81682	3.06135
0.497153	0.599566	0.808181	0.511585	0.45165	0.188757
0	0	0	0	0	0
0	0	0	0	0	0
29.1868	29.0117	29.9444	26.7713	34.5954	29.2984
20.7329	26.5165	19.8217	21.839	15.1941	21.6137
0.902059	0.589077	1.15282	0.739167	1.58206	0.77398
0.698013	0.626302	1.37186	0.349903	0.998018	0.586828
0	0	0	0	0	0
0	0	0	0	0	0
5.57427	5.5801	5.29586	8.01643	3.06846	4.68636
0	0	0	0	0	0
8.14335	7.55213	7.36315	6.71913	5.60853	5.9453
51.823	49.9429	50.0146	49.8503	45.9136	52.0955
0	0	0	0	0	0.0661272
17.2672	14.37	13.6475	13.7762	10.9404	16.7055
164.106	173.699	130.668	152.852	117.286	121.882
0.529134	0.533078	0.309744	0.48598	0.331826	0.206695
333.634	260.215	327.012	282.689	355.651	567.993
6.13161	5.79558	4.28969	5.28259	5.33729	5.31783
0.578628	1.10166	0.769486	1.02545	1.47984	0.93238
29.6748	24.5889	24.0704	32.8462	27.9957	25.4165
0.00331189	0.038046	0.00948297	0.112375	0.0247651	0.0170858
0.197824	0	0.373845	0.112689	1.28567	0
0.228672	0.826415	0.345712	0.494992	0.148616	0.153798
0	0	0	0	0	0
0.404575	0.378135	0.700844	0.345694	0.465616	0.361389
0.0109658	0.0136656	0	0	0	0
23.4672	18.8068	19.9501	19.263	18.4025	19.2261
18.8687	19.4879	18.9881	20.0358	17.57	18.9994
0.16592	0.103385	0.313553	0.094515	0.179721	0.418473
1.02344	1.27541	0.257877	2.33198	1.77371	1.0325
1.40443	2.14601	2.12808	1.714	1.85106	1.57422
0	0	0	0	0	0
4.64524	4.453	6.97778	2.44257	4.45106	2.85388
0	0	0	0	0.342446	0
0	0	0.0377361	0	0	0

11.9734	13.131	18.9465	18.3337	13.3844	18.0387
0.953404	1.10114	1.1093	0.867911	0.726241	0.900541
7.94596	9.16895	6.96036	7.16659	6.13008	6.03068
53.8601	61.8457	60.5237	58.9508	46.6492	48.1275
0.0816303	0.05813	0.058767	0	0.0378944	0.0490197
3.4403	4.02658	3.85594	3.11616	7.33542	5.81066
0.0256689	0.0639772	0.0323391	0.0877326	0.111216	0
1.44582	1.11346	1.51453	2.03587	1.61888	1.5433
4.25074	4.94327	3.1106	2.74283	3.54754	2.58719
0.0425587	0	0.0268089	0	0.0230493	0
0.825185	0.765788	0.575105	0.280035	0.798736	0.442815
0	0	0	0	0	0
0.724427	0.733509	0.85563	1.44432	0.784685	1.14194
7.00206	9.80089	8.24625	7.34145	7.03489	7.93427
2.58247	2.89644	4.03613	3.22047	3.6667	3.32708
0.205738	0.119649	0.05184	0.0937576	0.163424	0.0691867
18.4041	19.2173	19.3516	18.6803	20.6808	24.9644
1.46501	1.30642	1.56789	1.08265	1.87945	0.645577
11.5767	10.3308	12.7532	12.9128	12.074	11.4648
0.349705	0.373545	2.83228	2.36202	0.32468	0.315001
0.259234	0.146568	0.135416	0.188634	0.0254691	0.0494198
0	0	0	0	0	0
9.01245	7.96539	7.08328	6.28388	7.98792	5.24553
34.2255	34.0964	37.2692	32.9601	43.5457	39.1165
2.2954	2.34618	2.64898	2.01065	3.79441	2.63208
5.36808	4.37366	3.70809	2.39695	4.51265	5.17826
0	0.122633	0	0	0	0.165461
12.3572	13.821	13.9168	13.1185	14.4667	12.9124
0.652811	1.30155	0.987292	1.4874	2.26299	1.53663
42.0004	39.1679	25.1127	26.0985	20.3776	19.4428
18.9952	22.1133	20.8709	21.1216	14.3054	14.3117
60.8493	59.7969	57.953	51.3117	43.2095	51.679
5.86137	6.03181	9.06275	9.71316	13.0024	13.3646
3.61916	3.29124	5.30257	2.42308	5.39756	2.05786
23.2777	12.1119	13.1012	13.9435	26.5137	24.3447
4.50009	6.38469	4.73686	4.83836	4.76891	3.43936
0	0	0	0	0	0
466.825	412.427	424.812	440.496	416.492	431.571
0.816113	0.479761	0.896593	0.595933	0.926501	0.751606
2.38608	2.2754	2.24805	1.7847	2.97786	2.23277
5.96411	5.8398	5.62549	4.26024	6.90456	5.31919
0	0	0	0	0	0
0	0	0	0	0	0

0	0	0	0	0	0
1.96863	1.4602	2.3372	1.30086	2.48304	1.36163
6.73655	6.50044	7.70089	6.65345	6.13572	8.01366
1.49799	1.78049	3.07119	3.87359	6.28666	5.43683
2.13867	1.7648	2.80365	1.02072	2.97397	1.67652
0.0662625	0	0.166962	0.0754917	0.0717742	0
82.2482	83.867	68.3952	78.7317	60.0402	72.715
0.217086	0.284771	0.273497	0.143187	0.222767	0.163296
0.0868364	0	0	0	0	0.219013
4.46212	5.15207	5.1493	5.44707	5.61781	5.09214
15.2454	14.961	14.8242	12.2204	14.3154	14.6378
79.5207	80.9127	70.6848	65.3105	50.1023	55.7972
3.98463	2.16952	6.63364	4.29653	9.30347	4.52958
14.7247	14.5462	14.3743	14.3103	12.7753	14.2361
963.609	976.49	841.058	848.248	817.946	1035.03
0	0	0	0	0	0
11.447	12.5192	11.3647	13.0001	8.82192	9.68958
11.0721	12.4588	11.7631	11.5696	10.9145	11.3475
0.0232736	0	0.0293214	0	0.0567214	0.0440245
8.80429	7.4469	9.54184	6.66568	10.2277	7.11193
4.58726	3.78585	4.63107	3.94559	6.41669	4.67385
15.6933	18.2879	18.2772	29.0452	13.2197	13.6649
28.7761	28.0469	25.2677	24.1268	20.9147	24.4368
18.2594	18.1106	19.2636	17.1275	18.1787	18.4531
0	0	0.272394	0	0	0
21.3332	20.3884	20.4169	19.5731	19.4386	18.4422
10.4228	10.6712	11.5217	10.4398	10.7582	9.64501
0.0113602	0.0260091	0.0286245	0.0258851	0.0226068	0.0382047
5.77853	4.84744	4.99364	4.75285	5.16156	3.74044
0	0	0	0	0	0
45.6273	52.9967	50.3062	62.1204	40.9306	49.7401
0.686141	0.4675	0.98765	0.420492	0.515148	1.08425
0	0	0	0	0	0
15.5276	16.9001	15.8832	13.4078	9.14563	9.21333
3.3212	3.25885	3.795	1.93589	4.21895	1.59553
18.5869	18.0623	17.9632	17.4828	16.3171	18.2376
0	0.0352401	0	0	0	0
1.74845	2.00925	2.10712	2.52789	1.78011	1.99912
4.01705	4.14702	3.92295	3.76415	3.57879	3.39051
19.3224	15.92	23.9296	18.419	24.6834	18.4477
0.338571	0.902808	0.342385	0.440499	0.480435	0.476593
31.7033	30.9439	34.0212	33.4858	40.0757	40.1191
10.2542	11.0993	10.5565	8.94542	9.01267	10.1972

7.1499	7.60048	5.97078	6.85099	7.53823	7.16443
14.3697	16.8071	19.3342	16.024	16.2421	13.2599
1168	1335.81	1024.93	1166.86	921.834	1096.95
0.120728	0.150451	0.135198	0.163013	0.0290595	0.0853699
27.3215	0	0	0	0	0
10.0458	10.086	10.2189	8.94611	9.42936	7.20345
10.2982	9.2541	9.42607	9.98398	11.4508	11.1544
0.533125	0.474557	0.191903	0.520612	0.164991	0.192088
0	0	0	0	0.0072624	0
0.48981	0.701961	1.0182	0.613836	1.37944	1.6554
0.115946	0.0992038	0.344329	0.178478	0.412064	0.197051
0.070562	0.0146557	0.0888979	0.0535934	0.17834	0.0444918
0	0	0	0	0	0
0	0.139557	0.141086	0.382751	0.970406	0.564887
0.73749	0.536329	0.847201	0.122577	1.01439	0.459272
685.376	720.48	572.44	744.027	646.453	812.352
0.844846	0.560933	0.732662	0.632576	1.08637	0.732421
5.03491	4.7635	4.78981	4.8465	5.40919	5.40776
44.7935	45.3344	48.1686	41.2185	54.6202	50.0255
6.18181	5.83315	2.99014	3.50015	4.24901	4.48511
33.3378	36.5498	19.8287	23.3536	32.9831	35.8253
0.643152	0.637067	1.3789	0.647362	1.25837	0.580122
4.03617	3.51181	3.58727	3.663	3.25715	2.70228
8.56509	9.27855	6.51209	8.33368	8.38818	9.24021
0.0213503	0.0266067	0.0268983	0.024324	0.115631	0.0358989
1.61249	1.44518	1.3497	1.58543	2.15337	1.64348
19.5937	23.5974	25.5487	32.0254	30.4908	22.6913
0	0	0	0	0	0
0.129199	0.0460023	0.0697596	0	0.0199923	0.0465512
21.9254	21.9946	25.8046	24.76	25.4397	22.8277
0.247501	0.0771089	0.155908	0.123364	0.217822	0.273101
22.1334	20.8195	21.6545	18.7772	21.7135	20.4503
0.64129	0.363261	0.514138	0.531353	1.07352	0.710685
0	0	0	0	0	0
0	0	0	0	0	0
2.16717	2.58015	2.55967	2.86582	3.06004	2.30999
9.17582	8.61286	9.12329	8.4114	7.84389	5.9889
3.63837	4.22499	2.60444	4.56907	3.00054	3.1631
7.45178	5.14162	6.78918	6.09147	7.06837	6.37099
52.0202	54.1597	43.1389	55.5149	40.5131	52.038
0	0	0	0	0	0
0	0	0.0370239	0	0	0
192.553	222.704	189.165	204.879	188.369	203.207

0	0	0	0	0	0
0	0	0	0.770141	0	0
0.841563	0.883162	1.86938	1.48863	2.3029	1.52674
0	0	0	0	0	0
0.544822	0.543165	0.274558	0.496565	0.649154	0.458038
36.1652	33.902	29.2367	29.6846	30.3631	30.9711
0	0	0.0537872	0	0.184978	0
1.75545	2.27515	1.5039	1.46663	2.33247	1.65293
0.784717	0.919047	0.276734	0.401945	0.832005	0.520968
4.05833	2.89811	4.19373	2.90922	4.3959	4.33195
0	0	0	0	0.408132	0
28.4406	29.1004	21.0205	24.6875	26.6552	34.612
12.3588	12.7075	12.0693	12.0528	10.0068	11.3718
187.643	208.537	156.623	201.856	148.074	226.953
34.7398	36.0518	25.7504	30.612	31.0813	34.514
0	0	0	0	0	0
0	0	0	0	0	0
95.0333	93.6776	106.226	94.5943	117.276	114.106
35.6259	33.8136	39.6645	38.0563	36.366	38.8706
0.201715	0.251377	0.317664	0.172358	0.16387	0.296772
0.558843	0.835715	2.53462	2.03738	3.99516	3.28878
90.4122	95.8621	85.4539	71.9192	68.628	72.7058
6.09603	5.76446	6.79246	5.1303	6.9515	5.27953
7.08097	5.62936	3.94793	4.03371	4.16566	4.07165
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.0220399	0
2.67525	2.28109	2.69888	1.91351	2.23325	2.34212
0	0	0	0	0	0
5.44337	4.97458	5.39006	4.93947	5.35827	4.56026
20.1896	19.6198	21.3944	17.6386	19.1684	14.6871
0	0	0	0	0	0
0.874323	0.760172	0.819735	1.08876	0.792878	1.05984
16.3393	17.1277	17.5022	16.4721	16.6085	15.9912
36.8433	35.3333	35.0718	31.7565	31.5037	31.3695
4.78482	5.16186	4.54363	4.71901	3.67439	6.03403
0	0.0240732	0.0486739	0	0	0.0162403
2.88461	2.83038	2.60032	2.04927	3.72611	3.17775
0	0	0	0	0.0595774	0
2.74434	2.45085	3.41846	3.37916	3.77813	3.14494
0.195221	0.243285	0.184463	0.0556031	0.264325	0.205156
2.4265	2.21611	1.77912	1.42119	2.01402	1.87719
28.25	27.4107	29.7772	24.9125	27.0382	30.7589

1.02415	0.931756	0.946551	0.462774	2.14396	1.55294
1.90407	2.28446	2.02123	1.17369	2.40276	1.53318
41.1628	42.3164	37.6596	34.4476	58.0111	50.2128
1.82E-09	1.83E-10	1.62E-09	0	0	0
3.60214	4.71896	7.47773	4.10004	8.12023	7.6318
8.03793	8.0854	7.62353	5.81382	7.77782	6.02984
0	0	0	0.0275272	0	0
0.0995503	0	0.188128	0.056708	0.0539154	0.167386
0.370059	0.557244	0.505073	0.527003	0.668068	0.388892
0	0	0	0	0	0
59.9905	57.6872	54.7641	60.8003	70.7611	76.4326
15.066	14.8676	22.7809	18.6104	27.5922	26.1357
0.401038	0.237976	0.433728	0.255414	0.680615	0.189067
9.07682	10.2152	10.7641	8.26222	6.74367	7.25499
0.383437	0.884214	0.67705	0.440087	1.28499	1.67054
9.05029	9.14339	7.84833	8.45767	9.43831	9.83015
0	0	0	0	0	0
0	0	0	0	0	0
16.6228	26.5836	8.42437	12.983	10.4054	12.1143
1.39928	1.14006	1.77E-12	1.62617	1.42129	1.06388
5.17727	5.52732	5.0051	4.77679	6.37833	4.91357
3.26866	2.66417	4.09855	2.59456	5.62353	3.57636
31.9204	32.0125	34.9805	50.9083	33.1258	31.8738
12.9829	11.3518	13.199	11.5445	14.1897	12.3345
0	0	0	0	0	0
66.8747	69.4037	81.5289	68.1638	68.5767	70.2063
50.1018	56.689	51.4785	59.3737	56.6609	73.8784
0.52772	0.607114	0.740103	0.457778	0.805094	0.422757
3.17084	1.7016	4.20504	3.23222	10.1394	3.77543
0.103756	0.189148	0.150586	0.221374	0.129469	0.100488
41.1154	42.4474	40.0517	44.31	37.8367	37.8563
1.90717	2.3759	1.65783	2.10482	1.12884	1.02385
21.0709	21.7721	22.4278	19.9985	20.8156	19.8089
1.62671	0.882307	1.91138	0.931444	2.35545	1.14084
0.166287	2.62679	0.209497	52.8562	0.180119	1.398
137.101	169.984	97.6566	111.736	113.987	94.0488
6.63711	6.48418	6.83912	6.90808	6.47914	6.78543
9.79282	8.41927	9.00219	6.51096	11.8447	9.78875
0.50675	0.982971	3.55423	3.22699	3.95224	3.79702
1.67012	1.61879	1.54886	1.53277	1.60804	1.82337
69.7993	87.6127	132.345	108.562	162.794	131.482
7.90457	8.58499	8.95234	6.07234	9.5399	6.84867
0.292087	0.436797	0.625577	0.465877	0.601126	0.442009



1.78326	2.25933	2.24664	1.79461	1.22334	1.84902
0	0	0	0	0	0
8.27306	10.7712	8.31395	21.4913	9.85036	12.2055
1.69975	2.27227	2.86173	2.79911	2.86212	2.37733
0.17592	0.121795	0.172382	0.0890767	0.0635176	0.0492993
2.64452	1.53451	1.76997	1.26163	5.36197	1.83421
0.468558	0.25862	0.261454	0.295541	0.561974	0.829342
0.47735	0.356924	0.481114	0.108767	0.206822	0.240789
0	0.0544442	0.0550408	0	0.0473222	0
0.479213	0.814357	0.71351	0.893389	1.03815	0.696393
3.91372	3.38273	6.87573	5.54491	7.6579	5.03981
9.92561	10.2022	11.7296	10.4546	10.2006	7.57984
0.0170392	0.089219	5.02E-91	1.67E-210	3.52E-123	3.05E-89
11.2827	11.6518	11.9303	10.4809	11.8687	12.3942
3.15922	3.19106	2.59758	2.5763	2.08922	2.40437
0	0.464006	0	0.424197	0	0
27.6432	25.0221	30.3772	25.6725	28.9929	24.6592
0.0230041	0.0286677	0.0289819	0.0524164	0	0
1.03214	1.1025	0.743054	0.842261	0.958279	0.847602
2.4552	2.89908	0.855826	1.93507	1.43859	2.42055
0.103841	0.215677	0.130824	0.591519	0.149971	0.291
15.8823	15.726	11.8557	12.8444	25.0964	14.9625
0.999649	1.29367	1.25941	0.700851	1.29103	1.32527
1.59034	1.9018	2.36789	2.03146	1.63562	0.999387
26.8009	27.7605	27.0243	24.0778	24.3425	22.5439
31.8894	37.7567	26.6465	31.9731	24.0922	34.0438
0.360946	0.562263	0.682109	1.64488	0.879681	0.758629
1.12903	0.52053	0.813035	0.716234	0.307871	0.353467
9.48038	9.19351	10.4802	11.5697	11.1193	10.8202
0.0393138	0	0.0495297	0	0	0.0330516
0.0537703	0	0.0677427	0	0.0582429	0
92.6667	99.238	100.365	111.596	75.9365	99.4306
0	0	0	0	0	0
0	0	0	0	0	0
4.72649	3.13814	6.51179	3.53902	5.59861	4.22145
1.70037	1.41266	1.33699	2.32189	1.21481	1.318
129.658	139.897	139.064	154.866	123.783	156.918
12.4934	11.9654	11.4665	12.8836	12.9379	13.1923
1.91403	1.22361	6.95234	6.6693	4.7523	3.62581
1.36908	0.379144	0.287474	0.259962	1.48296	1.151
3.54104	3.76466	3.2969	4.37136	4.49097	3.99631
0	0	0	0	0	0
2.3305	3.95608	2.1259	8.97028	1.00337	1.01352

6.40775	6.16796	6.80641	7.08418	7.11691	7.32218
59.7676	68.2064	72.7059	96.0157	40.3965	49.486
0.0232642	0	0	0.0265045	0.0251993	0.039117
16.632	14.4767	18.8036	13.8689	19.6025	14.4331
0	0	0	0	0	0
0.280076	0.290858	0.264641	0.398857	0.556182	0.313951
15.488	13.1171	20.568	17.0643	27.2208	20.3773
15.3005	14.8949	18.3771	16.9436	16.8824	13.6052
4.66101	5.73586	4.34256	5.1437	3.29642	3.38363
0.539102	0.575702	1.16409	0.471047	1.00437	0.763651
0.0485272	0.151186	0.183412	0.0276431	0.0262818	0.0611961
20.0174	23.5297	21.4807	19.4551	19.6985	20.957
4.93974	3.99498	0.780046	2.57969	3.53032	3.42199
25.838	26.6094	22.8267	20.2763	20.5382	18.4627
106.594	2.75E-22	0	0	90.5696	134.58
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
36.1736	34.5119	35.7692	40.1114	35.6364	40.5188
0.803334	0.763226	0.851754	1.30488	1.27508	1.25044
61.2084	56.61	59.4479	60.3437	59.5944	63.6972
11.3299	9.46245	12.0453	10.1452	14.0594	13.4189
0	0	0	0	0	0
10.2156	10.0862	9.27309	9.56237	9.63123	8.35447
67.9961	53.9183	96.778	101.86	128.894	95.3953
2.7014	2.09479	0.850568	0.957703	1.08538	0.995714
5.48985	6.89983	4.61098	4.1548	4.83882	4.83028
1.48796	7.14447	8.43573	5.38476	7.11055	7.91037
3.2259	3.38287	2.73503	3.20359	3.47216	3.35673
0	0	0	0	0	0
6.36089	6.4726	9.01552	7.62673	8.25132	6.95414
1.0769	0.996937	0.387639	0.560865	1.16648	0.801892
0	0	0	0	0	0
1.65166	1.31957	0.603717	1.25116	1.30178	1.25492
0.267043	0.332789	0.616798	0.507063	0.289256	0.299342
0.158737	0.237382	0.119991	0.180846	0.361076	0.133452
0	0	1.30E-112	1.20E-110	0.330877	0.123416
0.754447	1.31522	1.69253	1.88069	1.56705	1.31641
20.3061	19.7958	19.9707	18.4518	17.8921	17.4078
2.70511	1.34844	4.77127	4.93102	5.27422	2.88068
15.1995	16.8076	15.3966	12.5428	16.5718	14.5547
0	0	0	0.0727313	0	0
40.0312	21.38	22.2147	23.3463	21.5772	27.1641

16.8686	18.3986	20.1519	17.7496	18.5879	18.7183
12.979	9.95699	10.1589	8.72521	11.1272	11.1747
0	0	0	0	0	0
84.5818	91.8159	84.6737	88.6638	56.0762	76.2131
0.296736	0.616321	0.747689	0.901511	1.17854	1.24883
0.149561	0.165675	0.167488	0.170392	0.61685	0.389178
0	0	0	0	0	0
33.9327	37.6466	34.1979	41.0359	30.6817	35.7143
1.42118	2.65661	1.49206	2.0239	2.30909	2.3896
0.964978	0.754242	0.560209	1.37907	0.856264	1.24957
2.49203	1.79167	2.19771	1.57244	1.82723	1.83722
0.622134	0.718476	0.829533	0.708787	0.73386	0.490076
0	0	0	0	0	0
25.7932	24.1988	23.1267	21.1197	19.5235	21.6651
0.179543	0.27426	0.129671	0.348686	0.358195	0.285515
0	0	0	0	0	0
0	0	0	0	0	0
13.654	13.0366	12.2323	11.3693	10.8251	10.5118
26.9503	27.1267	28.3671	31.6882	26.5099	31.033
221.157	175.811	155.402	302.113	98.1319	138.815
5.28833	5.36498	5.50409	3.52314	5.78233	4.25573
4.86108	4.98217	5.7236	5.72792	4.31404	3.99765
16.8461	16.2916	16.8671	15.0139	19.0996	16.1485
110.214	126.011	132.48	138.036	129.858	157.01
4.92474	3.43683	2.72996	1.79541	7.6815	7.1213
2.05451	1.40506	1.51515	1.42724	1.95401	0.716177
0	0	0	0	0.223006	0.112808
23.2875	23.7789	32.106	20.8056	31.184	25.9763
0.732554	1.41086	0.922911	1.10014	0.541014	0.447903
0	0	0	0	0	0
4.48372	5.65993	6.08757	5.81908	13.0297	13.4556
0	0	0	0	0	0
24.6711	27.7019	23.6716	24.3681	25.4375	23.1175
30.9197	29.4462	36.508	30.0241	36.5521	30.4539
22.3754	23.5148	22.2089	21.1285	19.4188	18.7631
1.16976	1.40302	1.94802	1.4775	2.39102	1.70549
0.441768	0.489361	0.371042	0.475338	0.292425	0.288866
0.328667	0.163834	0.414072	0.224666	0.213603	0.276314
12.8303	12.2541	12.897	10.7038	14.9278	10.4127
0.0396111	0.0493634	0	0.135385	0.128718	0.0333016
0	0	0.150132	0	0	0
0.736984	0.502536	0.68323	0.712896	1.12212	0.660508
5.19588	6.12976	6.15329	5.84065	6.45353	5.19821

149.2	147.298	134.64	139.057	116.403	139.18
13.5943	13.7629	15.0834	12.7994	20.4257	15.0732
5.01231	4.8203	5.9201	4.31753	7.22955	4.51751
0	0	0	0	0	0
2.77E-08	2.60E-08	3.15E-08	2.74E-08	2.05E-08	0.136672
2.10384	2.47198	1.89323	1.16419	1.56263	1.66765
17.4743	20.8488	22.0151	22.7204	19.3522	21.4764
10.1858	11.2446	8.3746	7.97626	12.4475	11.8994
0.84889	0.377298	1.047	1.24276	0.396811	0.45816
20.3517	25.2086	20.7608	25.8282	17.4753	22.9377
1.45144	1.49948	2.02939	1.56706	2.33348	1.6649
2.68746	3.61585	8.4795	4.85011	6.33722	6.01835
77.8436	94.459	83.0356	83.7189	70.758	91.4702
38.359	40.8778	28.9766	35.1724	28.4243	34.3901
0.0966419	0.101617	0.122164	0.0206441	0.122672	0.121906
10.4741	9.53056	10.0354	9.04083	9.37598	10.1038
89.8728	93.3966	87.893	89.7855	80.8462	71.866
0	0	0.0609831	0.0275734	0	0.0203473
6.18781	4.4644	6.00067	3.50164	7.07732	4.65457
1.38143	1.38367	3.82239	2.63288	2.22353	2.14911
10.6448	11.3705	10.5244	11.0649	11.684	11.563
2.75276	3.17774	3.9812	5.29033	3.98899	3.67536
33.599	32.013	33.5967	40.6944	31.8004	29.2069
0.57772	0.858433	0.550354	0.238888	0.646772	1.09075
1.35253	0.986598	0.137504	0.284217	0.445605	0.391501
7.99013	7.99312	9.07624	8.76179	8.88609	7.14068
0.0349654	0	0	0	0	0.0591416
0.0735653	0.030559	0.154469	0.0279372	0.0796845	0.103079
53.2938	51.3515	72.6107	55.5057	52.3111	48.4884
8.46945	7.31267	5.5446	7.06412	8.0934	4.83461
2.39172	3.66687	3.29075	4.08726	2.74405	2.63249
0.018782	0	0.0236626	0	0	0
8.70276	7.93168	8.03496	7.28079	7.71016	7.98264
45.7293	43.3496	48.3573	49.01	39.023	39.0885
22.5321	21.1563	26.2932	24.6251	27.555	23.3656
5.02533	4.61663	5.27599	5.68858	5.16425	5.63315
0.816305	0.339093	0.514212	0.465001	1.17894	1.1438
323.202	342.615	124.93	136.066	102.229	96.533
5.41762	5.77559	5.74711	5.34233	5.75977	4.52404
8.40561	9.72064	10.963	10.008	11.4305	11.2445
52.1803	48.2685	45.551	45.0448	35.4998	37.6403
3.37294	3.38431	3.28408	2.54662	4.52337	3.64624
539.289	612.328	522.791	612.341	603.532	713.093

0	0	0.464933	0	0.399734	0
0	0	0	0	0	0
0.0586002	0.0243425	0.0738277	0.111127	0.190424	0.197064
9.51382	10.8879	8.84246	7.41772	8.56996	7.98884
0	0	0	0	0	0
0.0818987	0.51031	0.206361	0.186612	0.266133	0.137707
0	0	0	0	0	0
132.8	138.883	126.976	180.678	107.951	151.741
0.000295196	0.00390549	7.26E-05	3.67E-05	0.00049433	5.60E-07
0.084078	0.157167	0.158889	0.0957887	0.182143	0.141371
0	0	0	0	0	0
55.9759	58.9856	59.5347	51.1159	50.4862	47.1796
1.1469	0.777955	0.786479	1.04201	1.22657	1.29375
0.868131	1.08186	0.291658	0.395619	0.564205	0.486566
14.7855	24.6752	18.2778	12.9512	16.8685	20.0421
10.2831	6.66454	9.21217	7.35269	9.04667	6.95221
10.8899	10.5381	10.2378	11.2694	10.1604	10.2719
0	0	0.0428241	0	0.0368187	0.0285769
1.2648	1.09159	1.4549	1.14114	1.67634	1.03031
8.3318	9.25932	10.4732	9.39597	11.1208	12.4615
0	0	0	0	0	0
11.4609	10.9376	9.94929	7.52463	9.08547	6.65973
16.2651	15.0395	14.9269	12.9979	14.1331	12.8865
7.87692	7.49329	10.0753	8.53258	11.4703	9.63846
16.7352	17.1928	19.1236	17.904	24.1946	26.7776
8.97227	9.41661	9.40661	9.18329	7.30651	8.32854
32.2979	39.1212	40.1202	36.7965	32.0418	41.4912
0	0	0	0	0	0
73.7412	73.032	76.864	86.0308	74.1866	69.3433
1.19659	1.04786	0.692648	0.921118	1.85661	1.7129
119.002	123.013	112.433	122.943	114.881	140.622
0.136753	0.374927	0.103373	0.560881	0.0592512	0.0919759
2.03932	0.532908	0.822659	0.494891	0.456059	0.328696
0	0.17453	0.341315	0.877374	0.769646	0.562609
0.0748075	0.109248	0	0.01598	0.168813	0.0628916
23.3222	25.82	22.3548	24.2303	27.5639	27.066
0	0	0	0	0	0
55.8089	61.9553	72.0403	76.906	72.2422	77.396
4.62765	4.16997	4.03627	3.12277	7.28752	6.79345
0.0895693	0.0608842	0.0307757	0.0556608	0.00881996	0.0136913
30.1255	29.4563	37.5888	38.2816	36.0199	41.2049
24.8077	22.1483	23.0586	21.1073	28.8655	25.7796
6.75233	5.05466	6.20332	5.08657	3.43697	5.2827

1.82704	1.47442	1.61128	1.59427	2.41929	1.50339
2.92056	2.52965	3.07928	2.6666	3.05131	1.91552
0	0	0	0	0	0
0	0	0.0870869	0	0	0
5.67502	5.5155	7.25575	7.74235	6.45507	6.51462
0	0	0	0.0638829	0	0.0942824
0.142818	0.17773	0.182074	0.329749	0.470516	0.121616
0	0	0	0	0.024091	0
1.5582	1.45667	1.98394	1.64675	2.9002	1.51459
17.2111	19.1207	19.6741	18.69	25.1868	23.0485
37.9735	36.2476	30.6139	34.3587	34.8332	44.5475
0.174345	0.2032	0.302718	0.145049	0.230258	0.0837426
0.140333	0.0524647	0.0707195	0.0159879	0.0608022	0.0589897
0.867238	0.891689	1.51792	1.31955	1.66436	0.756396
0.868798	0.681697	0.770245	0.439914	0.522813	0.513991
0	0	0	0	0	0.107891
45.0745	55.4348	57.8816	64.933	76.4886	79.9067
9.13121	9.86473	9.34534	9.0431	9.05278	8.17267
2.57452	2.83405	2.17316	2.10206	2.45402	2.2005
0.283426	0.274715	0.515775	1.00458	0.102334	0.264755
0	0	0	0	0	0
0	0	0	0	0	0
0.0714388	0	0	0	0	0
2.00E-15	6.04E-09	3.41E-10	8.90E-32	7.72E-06	0.353145
2.97438	3.22656	3.20368	2.3091	3.50556	2.5006
118.219	132.905	107.53	118.437	91.2376	83.187
12.6941	14.3693	12.6612	13.9865	9.2258	9.91371
3.44301	2.83002	2.58416	2.92106	5.63377	2.27871
28.2942	29.9637	20.7291	25.1691	19.5306	21.9124
4.94525	4.70491	3.88556	4.24068	9.27325	6.92922
10.4521	11.6945	9.94487	9.92688	7.85108	7.83004
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
6.96074	7.6178	7.87518	6.73959	12.5484	9.16755
37.5489	41.4905	17.6964	18.5315	30.273	28.6694
17.2571	15.5209	19.4392	20.2437	22.8709	16.4054
4.75421	5.97783	1.51578	3.08629	1.98046	2.35198
0	0	0	0	0	0
0	0	0	0	0	0
0.399095	0.243601	1.35756	1.11351	0.238201	0.335524
3.08023	2.46566	3.05919	3.17626	5.84487	3.36458
0.753137	0.938559	0.875855	1.18805	0.815783	1.12023

0	0	0	0	0.0822782	0
0.256804	0.352032	0.258828	0.146286	0.389431	0.215898
6.31311	6.4238	6.16583	7.62128	9.50446	8.18035
21.7592	23.0883	21.5193	21.0178	24.956	25.7519
1.59691	1.72058	2.93399	2.36893	2.68471	2.55923
0.204089	0.864742	0.205698	0.465031	0.138166	0.275754
1.4032	1.3115	0.883912	0.999149	0.569968	1.47461
0	0	0	0	0	0
0	0	0	0	0	0
29.8854	29.8061	29.3267	25.8058	33.0579	31.9806
3.64238	2.47411	2.40275	2.29747	4.58879	3.23304
0	0.0161309	0	0	0.0280415	0.0435289
0	0	0	0	0	0
0.102252	0.0278745	0.197276	0.0573369	0.33661	0.168111
5.25188	5.70637	5.2896	6.2419	4.97113	5.67429
1.31624	1.04688	0.952856	0.893556	1.51656	1.31833
0.754956	0.65639	0.0691232	0.0625079	0.266245	0.398533
0	0.0320827	0	0	0.112465	0.0220367
8.11115	7.48372	7.58288	8.66817	10.1888	9.37393
11.8408	13.5416	13.0183	9.88712	11.5113	9.46008
2.70391	2.58913	3.19888	3.19319	2.60747	2.93836
0.397819	0.661015	0.167064	0.151076	0.287273	0.557418
22.9175	25.4206	21.5301	29.9359	27.3917	32.5961
90.1762	80.1703	111.352	109.095	87.3849	103.597
3.23076	3.99998	4.04499	3.89385	2.98379	2.78556
0	0	0	0.0826184	0	0
0	0	0	0	0	0
0.0204776	0.0255192	0.0773965	0.629905	0.0887238	0.12051
2.50426	2.27517	2.41599	2.4399	2.6133	2.29774
28.1295	26.6803	31.9546	25.5499	27.6386	29.8013
0	0	0	0	0	0
4.19162	4.48935	3.60538	4.23844	3.39153	4.11834
2.49535	3.61127	3.80296	4.17266	2.44134	2.97762
0.488167	0.478217	0.659786	0.357758	0.151069	0.117259
10.4169	10.3684	10.9933	8.86231	10.917	8.58701
11.8366	13.3709	6.27728	8.34947	6.36773	4.18889
118.471	103.836	122.875	115.589	139.666	197.995
0.028641	0.488994	0.22839	0	0.0245452	0
5.15268	2.89993	3.50757	2.08303	4.23097	2.86466
53.1952	51.1819	52.2082	48.8182	49.0289	44.8287
0	0	0	0.0699413	0	0.0516118
7.34699	6.09949	5.94941	4.13074	4.79871	3.69691
0.194158	0.241959	0	0	0.105154	0

16.0295	17.3017	16.0985	16.05	17.6821	20.7846
0	0	0	0	0	0
4.84584	5.35455	5.03719	5.95806	5.47406	5.09578
0.139295	0.190145	0.226481	0.0977804	0.401559	0.242967
0.944025	1.17644	1.41233	1.27717	0.89473	0.843257
5.51444	5.67184	6.11899	5.65256	7.1276	6.23682
12.1912	13.1162	11.6771	13.1262	11.7716	13.812
0	0	0.0250474	0	0.0430698	0.0668574
5.60406	4.77003	5.58081	3.96278	6.04005	4.50333
0	0	0	0	0	0
26.6072	24.3491	25.9969	25.0053	26.3449	24.8613
1.10243	1.37385	0.853344	1.25598	0.736951	1.21118
0.0749714	0.186859	0.283359	0.341655	0	0.126059
3.98775	4.0965	4.97312	3.71435	5.01994	5.01752
22.107	22.0893	21.4206	21.644	20.8098	17.9429
25.0025	24.5164	26.3444	28.1698	18.9749	21.9259
0	0.0742296	0.0375215	0	0.0645194	0.0250384
0.43405	0	0	0.741758	0	0
0	0	0	0	0	0.0615086
0.0737242	0.735	0.185764	1.76385	1.11799	2.04537
10.1063	7.61174	13.6943	9.52243	18.7817	11.9761
11.5373	12.588	11.7006	11.2899	10.6302	10.3032
0	0	0	0	0	0
0.0992493	0.0412281	0.12504	0.075382	0.0716698	0.0556267
15.1913	13.4554	16.7346	14.99	18.6308	18.1756
5.32866	5.87471	4.8821	4.77007	5.65897	5.52751
0.236284	0.458044	0	1.16651	0.0853128	0.309006
6.65567	4.881	6.62532	5.99126	7.53563	5.01983
14.3814	15.2976	16.6015	14.5503	18.8163	18.589
2.82215	1.6613	1.79031	1.26748	2.47578	1.26693
12.1396	11.31	12.7043	11.4001	11.5949	12.0644
19.4996	20.3016	21.8198	20.6221	23.3051	19.4025
5.90475	5.72856	5.92449	4.10116	3.9953	2.91681
9.63414	7.55777	6.8547	6.86988	10.886	7.4003
1.46144	1.91464	1.18025	0.768457	0.811794	0.787595
73.0654	84.7486	61.2414	58.743	49.5867	56.1604
6.47685	9.2245	1.62365	1.69415	3.86573	5.00066
6.785	5.78046	8.49636	6.58569	8.58888	6.34428
27.1884	27.1321	31.463	20.7971	29.9197	23.6218
5.4148	5.82101	4.72283	4.6098	6.57418	4.17714
0	0	0	0	0	0
1.91868	1.94663	2.20756	2.01277	2.24133	1.8663
4.63712	4.35543	4.38171	3.39613	5.59181	4.14809



0	0	0	0	0	0
0	0	0	0	0	0
0.6547	0.554582	0.556268	0.394073	1.05066	0.715361
9.43884	8.8292	8.78057	8.36092	8.67412	7.25629
35.0457	36.0601	32.3524	34.5589	33.499	33.6661
2.39866	2.73606	2.95556	2.27085	2.72333	1.86269
67.7859	66.775	69.3109	65.0662	64.9304	55.671
0.18708	0.0538014	0.163173	0.0327904	0.202642	0.0604926
9.15508	9.09641	8.39727	8.59789	10.1679	8.42487
44.4595	44.7465	43.6266	42.3936	39.9151	37.2442
168.04	174.64	133.303	144.474	117.311	175.866
0.405916	0.379389	0.383547	0.17342	0.43968	0.298601
0	0	0	0	0	0
8.79509	9.01315	8.88693	7.9347	9.86518	7.65688
9.2988	10.3211	10.178	9.49876	11.8344	13.8531
7.63429	7.92988	8.50635	6.74227	10.9877	7.62294
6.35297	6.74998	5.76915	4.31276	7.03152	7.81437
14.121	15.9638	13.6939	13.3477	13.6856	12.618
2.13332	2.3352	2.90559	1.74073	2.9353	2.03587
115.894	36.1068	73.0049	66.0181	156.918	73.0752
1.09999	0.846175	1.00943	0.78905	0.838452	0.536597
20.4104	18.0333	19.6141	21.527	15.9002	16.6054
18.3349	14.8718	19.6724	14.4936	16.4361	17.2942
38.3347	22.9311	28.3475	24.5158	50.0512	43.5876
5.86601	6.35208	6.81631	5.2556	7.18674	4.7401
24.7138	24.4753	20.5213	20.7331	17.6131	21.1786
9.80674	10.3188	13.812	11.9632	10.2216	16.4504
0	0.167996	0	0.0451281	0	0.0333014
8.50401	9.47006	7.97814	6.50587	7.74545	6.69431
20.1063	18.5697	19.9591	20.7362	28.6084	27.7627
3.28729	3.40964	3.44653	3.22381	4.28273	2.60898
0	0	0	0	0	0
0.345161	5.04866	0.144449	0.348333	0	0
24.0381	21.3054	21.0329	19.1072	20.6623	24.5259
23.5141	21.6687	21.49	22.9915	23.7135	23.2696
123.784	127.034	76.439	88.7231	71.2487	98.6769
2.20337	1.33581	1.2004	1.9675	1.80611	1.75227
0.238981	0.248182	0.702524	0.272267	0.172573	0.267886
3.43151	3.39824	2.78744	2.1514	3.14451	2.26883
9.42943	10.7586	12.1965	11.268	10.7585	11.9616
0.318521	0.338722	1.2469	0.261276	0.993653	1.11578
8.48638	8.47557	10.4262	9.73696	8.8989	10.373
9.73071	8.79579	10.8845	11.5932	15.386	13.8742

4.75181	7.01307	8.11152	7.31675	16.1614	21.8561
0	0	0	0	0	0
0.0374971	0	0.0472409	0	0	0
5.80336	7.15147	8.94969	6.41685	0.731261	0.419402
10.327	11.39	11.7345	13.562	11.7893	14.3316
21.1069	20.4704	22.7634	22.4871	21.8545	25.1294
1.92005	1.66164	0.90846	0.174998	1.11845	1.91313
33.1314	33.1904	32.9663	28.5766	31.0383	28.2937
2.06476	1.4873	2.6902	1.87602	2.92709	2.33313
4.26428	4.23757	4.3535	3.81122	5.73391	3.6932
0	0	0	0	0	0
15.142	17.656	20.8377	19.8568	18.9937	20.5462
0	0	0	0	0	0
0.195579	2.19357	0.328534	7.50158	0.564924	1.56204
5.97966	5.90777	7.73711	5.2168	7.76079	8.28805
20.0258	23.1898	19.9962	19.5215	23.9868	20.8001
0	0	0	0	0	0
9.27922	9.87535	11.7722	9.02672	12.3017	10.851
15.2008	17.0854	13.4548	14.7008	12.1504	13.7657
13.9374	15.6617	12.3379	13.817	14.9336	14.2548
0.923761	1.20884	1.35639	1.20299	2.29531	1.50999
0	0	0	0	0	0
0.818182	0.94409	1.31712	0.863093	1.8053	0.993569
0.189422	0.0461701	0.37747	0.589755	0.200562	0.15959
0	0	0	0	0	0
2.96782	2.50153	2.73288	2.27462	3.14454	3.40238
139.32	223.004	75.0661	181.503	195.705	287.501
0	0	0	0	0	0.0383662
0.01068	0.0266189	0.0134553	0.0243352	0.0115684	0.0179577
381.691	446.941	391.051	378.561	380.693	387.385
62.6168	62.1035	47.2109	50.801	42.0611	58.0618
0	0	0	0	0	0
0.21147	0.212562	0.948049	0.690935	1.08575	0.91187
0.0507684	0.0632675	0	0.0385597	0.0183304	0.0142272
1.38631	0.431906	1.74655	1.18455	1.50163	1.0198
44.7406	35.5921	35.2543	39.9124	26.5216	30.2572
0.0294024	0	0.0740856	0	0	0
5.86087	8.48185	8.09841	7.10798	6.55316	5.40414
0	0	0	0	0	0
4.15465	3.92468	5.4479	4.41575	5.10335	4.69528
0	0	0	0	0	0
0	0	0	0	0	0
5.02669	6.11857	6.26258	4.45498	9.19265	7.55419

18.4719	19.8116	19.2524	17.9247	18.4956	15.9901
36.6235	42.4491	24.008	31.5478	22.1248	31.3405
7.41813	6.66752	6.19678	5.22634	8.6658	6.7091
31.9989	33.3185	32.3739	47.1519	32.4085	37.9994
1.83536	1.47036	1.65164	1.64293	2.41404	1.87366
10.4584	10.5353	11.066	9.85414	12.3578	10.9279
1.17705	1.05048	0.922104	1.02503	0.973788	1.22406
0	0	0	0	0	0
285.844	323.094	202.345	215.45	183.275	220.495
0.491437	1.22486	0.619139	0	0.266157	0.619736
238.39	222.672	229.705	216.733	239.983	258.6
0	0	0	0	0	0
0.0701117	0.0873731	0.176661	0.079877	0	0.0884156
1.92166	2.05671	1.45256	1.15901	0.979653	0.830241
1.97605	2.04985	2.54125	2.18268	2.66514	2.06395
0.652809	0.543923	0.464117	0.542642	0.321853	0.794818
1.66385	1.54782	1.68301	1.76211	2.20839	1.81256
20.0615	19.4482	21.7397	21.8542	23.4519	19.6398
12.8139	11.8252	10.5776	9.59991	12.0478	14.4457
3.97855	5.03497	3.03633	1.85494	4.1082	4.28439
0.600616	0.636214	0.794523	0.410563	0.618046	0.55544
4.98E-62	0.131787	1.30E-47	6.68E-54	2.89E-46	2.58E-57
16.1626	15.7601	15.385	13.8157	16.3808	14.4886
6.06326	5.81955	5.2507	4.37635	5.58858	4.77029
2.11411	1.82002	2.65406	1.45536	3.44303	1.91553
0.184472	0.211056	89.847	59.2931	100.674	63.9313
0	0	0	0	0	0
26.705	23.5095	16.4621	19.3526	12.9151	18.7436
19.2715	15.4737	10.6856	22.4233	20.9905	20.9766
220.723	273.041	228.825	241.829	197.945	177.09
9.98747	10.7016	13.1707	16.4829	11.1215	14.3998
21.1813	21.2574	27.6309	22.8138	28.2996	25.0225
0.0941205	0.029323	0	0.0268073	0	0.142432
1450.5	1617.89	1363.21	1409.07	1283	1667.28
18.8819	18.7012	18.075	15.2649	16.1655	13.8986
0.192823	0.0646951	0.0280303	0.033797	0.104431	0.0623496
0.151071	0.176481	0.270983	0.214199	0.212978	0.204945
0	0	0	0	0	0
22.0104	20.29	20.359	20.6582	17.1133	18.0955
2.51908	6.4688	3.7507	18.872	5.00246	4.65278
11.4866	9.18761	13.2275	11.4741	16.1141	13.7522
15.0016	13.1236	13.2246	10.2159	9.1513	8.1532
1.86515	1.4537	1.82913	0.891446	2.09426	1.11972

13.6659	12.7728	13.4198	11.7843	13.3836	12.4825
21.2568	20.4141	13.346	18.0632	14.3621	15.3347
45.3627	44.6177	51.5575	44.4003	44.2706	40.0196
0	0	0	0	0	0
237.004	266.856	233.849	260.894	220.346	265.895
5.04606	4.0315	5.30516	4.04637	5.64644	4.17575
0.690981	0.792212	0.766071	0.818712	0.808333	1.06889
20.9351	18.3467	20.5343	17.5933	14.2802	15.1172
4.1087	4.81457	6.33525	5.49607	5.91181	5.1212
0	0	0	0	0	0
1565.17	1741.13	1505.85	1594.13	1790.93	2144.1
18.8825	16.3036	17.0161	14.1505	18.0148	14.2271
0	0	0	0	0	0
0.0380729	0	0	0	0.0206199	0
6.56991	6.32167	8.24418	7.52063	6.68534	6.58896
1.43367	1.086	0.849986	0.57648	1.00484	0.496303
2.23765	1.87653	3.73296	1.61593	3.8468	4.12042
0.834073	0.692947	0.683027	0.506797	0.767933	0.724589
0.3221	0.10035	0.2029	0.0917409	1.22112	0.338492
0	0	0	0	0	0
0.2228	0.26377	0.273678	0.520356	0.349932	0.149849
0.346408	0.28939	0.270577	0.0989361	0.793652	0.313223
12.8318	12.0525	10.3708	11.1617	9.65991	9.27038
49.7055	44.556	41.7491	38.2604	32.3331	33.841
0.0885673	3.55E-167	0.0444233	0.0326021	0.032567	1.48E-28
9.0034	7.92607	10.0793	7.62249	7.91176	6.74587
64.5051	63.6138	58.3392	60.6315	52.8455	52.2868
3.80966	3.37687	3.01204	3.59559	3.06086	2.62063
0	0	0	0	0	0
129.626	137.519	127.132	147.966	120.559	117.324
19.3707	18.6834	22.9267	24.1843	24.7225	29.6837
4.34719	3.72596	6.77074	6.6907	10.7943	10.9196
4.02167	4.04799	5.32988	3.7029	5.86533	2.47078
0.130421	0.113771	0.098587	0.0594346	0.211904	0.0548233
62.6863	64.6632	68.198	69.5903	64.8205	56.8848
12.8032	15.299	10.3331	12.7116	12.5695	15.0695
4.45159	4.04601	5.77619	5.29596	5.2351	4.28049
16.2923	19.3061	18.6774	17.2662	13.4369	12.3675
21.581	32.8564	25.244	29.6578	23.5318	22.7092
0	0	0	0	0	0
2.7661	2.9661	2.93943	2.06497	3.49438	3.11989
14.7931	14.1883	16.8645	17.3168	16.1494	13.446
6.6409	6.82737	4.28438	6.64764	7.14732	7.93879

6.3851	8.43176	5.89186	7.85986	6.67056	7.06063
0.655466	0.423404	0.525113	0.269061	0.484216	0.308803
2.39495	2.49045	2.07813	2.81888	2.28492	2.6135
0	0	0	0	0	0
6.68429	6.01413	6.28968	5.94058	7.61581	6.86703
4.50357	6.22237	5.79718	8.47703	5.09027	7.07855
0.202369	0.151315	0.152973	0.322778	0.306883	0.136107
4.17384	4.54302	5.92405	4.57461	4.92161	5.64105
0.0824536	0.209789	0.207759	0.517833	0	0
75.8453	62.8496	85.881	71.4874	92.1665	64.8272
0	0	0	0	0	0
0	0	0	0	0	0
5.51005	5.02631	6.22856	5.35982	6.4552	4.46552
0	0	0.202484	0	0	0.13512
0	0	0	0	0	0
4.78252	5.55849	5.53957	5.8337	6.01698	5.47301
11.666	12.9853	13.5449	14.5177	15.7787	19.7837
17.4836	15.7464	19.2373	15.1348	22.1424	20.2347
0.101173	0.0620552	0.0814726	0.140084	0.133185	0.103213
0.415984	0.345599	0.673816	0.654465	0.836801	0.549564
0.455036	0.695944	1.79801	4.26514	0.470482	0.591221
0.146065	0.0439531	0.0884682	0.0441088	0.117482	0.0300316
2.70695	2.89149	1.09619	1.32171	2.51324	1.52621
10.1498	10.1669	10.7631	9.02064	11.1712	9.86763
7.29875	6.97489	7.19425	5.64405	7.70099	7.88474
9.23456	9.48401	10.7904	7.12514	9.8778	7.33425
0.0261278	0.146548	0.131687	0.0297669	0	0
1.3768	1.02937	1.75549	0.983729	1.74505	1.07233
0.474889	3.29721	1.75214	8.92704	1.13901	3.30803
22.7305	26.4164	19.8087	21.8548	18.3117	15.6119
116.856	112.598	109.333	131.389	111.635	145.379
1.50586	1.78494	1.59874	1.56446	1.33717	1.49883
0	0	0	0	0	0
0.264279	0.17345	0.178404	4.93E-09	0.299841	0.472001
8.45403	8.15723	7.84802	6.90434	8.02157	7.57248
60.0928	59.9906	62.0247	57.843	52.6139	50.5322
97.8023	102.92	100.188	84.3148	86.6449	85.1707
8.56095	11.9906	9.52614	10.249	7.8619	6.7175
1.52072	1.9338	1.80837	1.49393	2.09262	1.3829
8.6519	7.28016	9.54905	6.74636	7.01274	5.24933
5.63738	6.26263	6.7169	5.77508	5.60815	5.58603
3.47839	3.50471	4.66199	3.62561	4.97019	4.79092
0	0.0596852	0	0	0	0

0	0	0	0	0	0
0	0	0	0	0	0
0.371796	0.285127	0.50444	0.228082	0.898379	0.456838
0.721445	0.762249	0.533494	0.661117	0.390727	0.606527
1.24637	0.386962	0.69547	0.78614	0.896913	1.27626
22.7356	23.1163	16.217	22.1275	22.0698	29.8906
0.0552115	0.0738044	0.144914	0.111825	0.0803092	0.0719072
34.3603	31.8454	47.8457	55.4047	34.8762	67.5905
9.06364	8.40245	6.26645	7.24083	8.38083	8.131
0	0	0	0	0	0
32.439	31.6334	27.5208	29.6798	29.7982	28.7947
28.6714	27.7282	30.9035	25.9868	27.5003	24.3337
0	0	0	0	0	0
24.828	25.2392	24.0572	23.7572	22.693	23.0075
0	0	0	0	0	0
0.254262	0.553052	0.36215	0	0.356357	0.0902058
0.513837	0.544291	0.550256	0.995189	0.75138	0.604784
0	0	0	0	0	0
0	0.0557765	0	0	0	0
58.8703	59.8708	51.8543	54.0808	43.8836	44.3688
0.0748823	0.145811	0.192615	0.41837	0.108149	0.0708242
6.69627	6.44054	7.78738	3.81447	7.95999	6.39469
47.7211	52.9349	24.8889	30.927	27.0338	34.5951
0.0427958	0	0.188708	0.0487565	0.486733	0.521694
0	0.0259434	0	0	0.0450993	0.0175019
27.2862	24.8323	25.199	21.6466	30.4778	22.2348
0.85076	0.873119	0.693539	1.56791	1.19256	1.19909
39.6676	31.2542	47.5527	29.6784	60.3059	62.2296
40.667	45.0725	50.2349	62.0629	44.1306	65.1814
8.19369	8.33455	12.2209	12.3823	18.5785	17.0594
1.21415	1.59053	1.69685	0.952539	0.995587	0.564569
15.4038	19.4628	17.4659	19.5102	16.0362	18.418
0	0	0	0	0	0
0	0	0	0	0	0
5.89198	5.93714	5.54886	4.87985	3.31924	3.79415
0	0	0	0	0	0
128.777	163.204	123.848	143.935	97.3701	128.65
0	0	0	0	0	0
19.0545	17.2234	19.5393	14.2829	22.7786	16.3367
14.1579	16.0638	16.6713	17.1953	15.1656	13.7533
309.499	329.547	107.195	108.172	149.059	209.342
1.90309	1.3044	1.19881	0.758857	1.44298	1.35996
0	0	0.301845	0.272958	0	0

15.494	16.2624	15.4098	13.5423	15.1113	12.4363
4.74415	4.17311	2.79973	3.34894	2.86472	3.22068
3.01984	2.35188	2.37765	0.982905	2.10305	1.4053
19.1842	19.1286	13.3824	12.9575	13.5795	14.1177
1.25597	1.05559	0.662376	1.16469	1.32881	1.12958
4.48451	5.07466	4.86077	6.24351	5.63618	6.37614
9.71399	8.56935	8.99223	7.83415	9.23974	7.17145
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.0404056	0	0
50.2447	57.2472	36.8268	54.4558	31.9342	52.8412
0.524669	0.0817303	0	0	0.0710389	0.110274
0.294033	0.138759	0	0.477044	0.141338	0.0936099
119.614	124.122	112.087	127.724	117.2	141.443
1.60737	0.876358	2.32037	0.72487	3.88114	2.28038
11.632	11.3242	12.1703	9.27404	13.9451	10.237
28.3842	28.8036	28.2922	30.9326	25.0357	30.1673
28.7165	30.3581	27.0323	21.5045	26.9548	29.737
1.2363	1.03948	2.19176	1.1616	2.59533	1.37765
0	0	0	0	0	0
0	0	0	0	0	0
21.7338	24.3599	20.2277	25.0212	12.7606	13.2787
21.9754	21.4348	20.887	18.8246	21.0513	17.2199
0.0217776	0.108558	0	0	0	0.0823902
10.2989	10.1574	10.7598	8.43541	11.6305	8.36577
4.86685	4.35831	6.56289	6.4642	6.86113	6.30192
3.63091	2.38609	4.17116	2.38025	5.4456	3.56653
0.12484	0.169718	0.114385	0.168087	0.352513	0.17234
81.2878	54.6068	74.8838	55.8728	43.4147	53.7887
7.38086	5.44346	8.64224	4.31432	8.99227	4.16379
0.0782131	0.0974691	0.17244	0.0222767	0.338876	0.164387
239.132	253.235	215.578	243.075	181.949	241.246
0.431111	0.354964	0.542986	0.444859	0.634267	0.574237
3.45207	3.1727	3.55177	3.44127	3.84827	3.31334
0.106415	0.167595	0	0.115383	0.0274252	0.0894641
0.0610396	0.115455	0.333598	0.079162	0.285706	0.019472
6.65417	8.14706	5.44265	5.82002	6.8921	5.78487
29.1732	27.9144	23.722	23.6391	30.212	31.3518
0.83356	2.85665	1.05016	4.03606	6.32026	5.95666
1.76631	1.9919	1.41039	1.1337	1.81891	0.909797
1.209	1.06919	0.952897	1.08622	2.02894	1.34996
0	0	0	0	0	0
1.84078	1.47813	3.91787	1.5401	3.14339	2.50487

0.519934	0.566949	0.245641	0.666396	0.703978	0.163918
10.497	11.5901	14.4214	12.7716	13.2708	11.1451
246.551	261.929	234.563	242.355	205.072	227.644
0	0	0	0	0	0
25.1393	23.0495	24.1581	24.1396	20.8793	18.7654
21.8608	18.9637	16.0611	15.6491	13.3226	20.9071
7.14986	4.30737	6.64987	4.38111	10.3305	5.53772
9.53418	8.77814	11.6195	7.9279	11.5294	9.44379
15.1014	13.9236	17.3438	16.4833	19.0948	20.9339
32.0118	29.6181	22.8495	19.1955	29.271	21.8314
0.474284	0.284662	0.871484	0.515856	0.794646	0.615359
106.405	106.641	97.1236	97.0075	90.8771	100.625
0.432513	0.49408	0.726537	0.410629	0.897937	0.484825
23.6023	21.8895	27.46	22.5611	29.922	25.5772
0.135907	0.144526	0.602747	0.324312	1.02083	1.07824
4.99858	4.58806	5.18331	3.80086	5.84126	4.96203
9.8094	9.01554	11.4315	8.06427	12.352	9.28711
50.3916	45.3792	54.0132	54.7945	53.2682	55.8049
0.170132	0.18173	0.214341	0.0553795	0.0789785	0.143032
0	0	0	0	0	0
70.8457	91.3318	84.0548	117.971	71.4009	93.3318
24.3091	23.0221	24.3909	21.3032	27.9982	25.8708
6.08794	7.3771	4.93341	5.99483	6.13041	4.51379
2.43983	1.40902	2.52404	1.53672	2.66426	1.95114
11.2273	11.5166	29.9267	36.505	94.2235	79.6638
0	0	0	0	0	0
6.57371	6.62569	6.709	6.69588	11.7755	10.689
10.5781	11.1564	13.0504	10.3633	11.5026	11.6788
53.5273	52.4322	48.9337	47.9338	33.8173	38.2451
0.949097	0.860192	0.326107	0.835542	2.14954	0.979262
7.98558	10.0495	11.9079	11.7824	11.5142	9.92728
0.767468	0.528026	0.540689	0.391714	0.436244	0.8452
1.84475	2.08606	2.195	2.60765	2.18321	1.72322
6.62898	11.4206	5.95588	22.4161	5.77862	9.50307
11.7293	12.7905	13.3096	11.2228	12.4591	11.3687
21.2099	19.5077	14.7303	17.724	17.2699	16.4504
0	0	0	0	0	0
9.41274	10.1995	10.8322	9.68465	9.20774	9.11984
5.57528	5.46448	7.44742	5.21246	9.34581	6.47767
32.6402	33.5464	31.7886	30.5012	152.147	100.144
0	0	0.288617	0.173997	0.330858	0.320995
15.4825	16.9299	18.5533	13.6596	14.2052	10.8489
1.42214	1.46212	1.74689	1.45819	2.38766	2.06242



0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.505514	0.86936	0.35665	0.645035	0.240928	0.348493
0.0118779	0.0148022	0	0.0270645	0	0
17.6324	4.26544	9.93108	1.0635	39.8834	1.22078
1874.71	2241.04	1942.18	1996.89	1841.22	1921.66
0	0	0	0	0	0
0	0	0	0	0	0
290.041	351.877	248.267	267.652	118.749	163.128
0	0.0803581	0.487432	0	0.0698462	0.0542113
71.9968	60.1602	64.0533	50.6912	53.1084	43.2184
7.7004	7.32484	7.47644	5.64087	6.91503	4.89091
1189.33	1210.28	1156.09	1305.9	850.29	1133.16
58.6837	61.8421	55.1886	61.5982	77.8673	92.1266
2.72809	5.38089	2.79411	10.7776	3.29516	3.20106
1611.84	1854.51	1751.97	1934.4	1534.13	1831.76
44.7058	47.6144	45.305	45.1839	41.6045	52.7193
2.78911	2.34036	3.11563	2.64799	4.06843	2.97013
0	0.0585989	0.148103	0.0535715	0.101867	0.118596
14.1225	15.065	14.1515	17.4383	12.2985	16.59
9.89841	8.38118	7.73435	8.52658	9.41422	11.7722
0	0	0	0	0	0
0.194339	0.658155	0.400525	0.724248	0.578298	0.750712
0.269602	0.326666	0.368521	0.37648	0.558619	0.310798
0	0	0	0	0	0
0.708178	0.441255	1.5611	0.806791	0.767019	1.19065
12.159	11.9716	12.3933	10.2859	10.6635	12.281
0	0	0	0	0	0
4.08339	3.46787	4.15369	3.75617	5.71721	3.9034
26.4927	27.1423	34.6226	30.4689	33.6324	25.2394
5.76895	4.52329	4.47067	3.62698	7.25916	5.59159
9.54581	10.9947	12.3778	8.34021	14.1501	12.4398
0	0.0806289	0	0.0737114	0.140163	0
9.11133	10.6078	6.15587	12.3721	5.97508	7.73788
0	0	0	0	0	0
0	0	0	0	0	0
175.14	177.864	162.092	170.102	147.467	154.908
14.8368	10.8923	14.036	12.0848	24.2364	20.6678
5.77075	5.65998	5.62102	5.47876	5.55623	6.22167
25.8976	24.453	26.0201	23.3285	27.4773	23.6301
0.309535	0.603824	0.589621	1.00179	0.440514	0.45868
26.8224	26.7182	20.7205	19.0337	15.059	14.7651

2.56921	2.18786	2.69736	1.60988	3.29312	3.31195
6.15723	5.82401	7.99308	6.15363	7.19243	5.29412
5.47412	5.14747	6.8339	6.47972	5.49824	6.04551
0.794205	0.821272	0.830271	0.577547	0.896874	0.525635
1.76908	2.10441	0.709158	0.549677	0.958116	1.14927
24.3019	21.6173	24.8911	30.7556	31.2901	34.4236
30.0942	39.0883	29.9024	34.7532	28.5755	35.5104
4.74505	4.79235	5.77602	4.2136	6.5782	5.91004
4.69	5.09038	5.33694	5.05582	5.89932	4.83314
229.293	263.234	229.766	294.193	234.01	302.58
1.51705	0.733644	1.16958	1.16083	1.74134	1.31347
828.512	944.464	775.915	925.657	786.999	1023.77
0.573132	0.462778	0.551658	0.345367	0.438642	0.368127
0.132295	0.109911	0.0555575	0.100481	0.0477665	0.148296
1.21405	1.57132	1.17679	1.17043	1.11263	1.04224
2.85747	2.22132	2.1762	1.28753	2.52788	1.68393
16.9669	8.09517	8.18388	4.30785	7.82385	3.95324
0.707381	0.27838	0.703577	0.254497	0.92753	1.18941
4.97294	4.34898	5.27591	3.80189	3.96908	3.63069
0	0	0	0	0	0
2.19818	9.14451	11.4708	13.5798	6.05841	10.4022
16.1724	16.8662	17.051	18.7373	14.6228	13.6828
1.17119	1.01058	1.08962	0.698108	1.71756	1.05038
0	0	0	0.271828	0	0
16.6643	14.2054	20.2265	16.4385	19.7314	12.4567
0	0	0	0	0	0
0	0	0	0	0	0
0.116752	0.581982	0.44127	1.33013	2.02341	0.588927
21.4043	21.0268	22.8399	26.6775	23.5642	20.804
28.1876	26.1353	28.0927	34.2111	30.9127	40.9845
0	0	0	0	0	0
1.14462	0.898648	0.897279	0.324563	0.630018	0.47901
2.8674	3.08281	3.72084	2.62528	3.92407	2.44566
2.80854	4.53885	3.57745	2.44827	2.83508	3.94619
0.104444	0	0.236852	0.118991	0.342223	0.137199
1.11794	1.07473	1.79073	0.709603	2.24886	1.02042
4.74279	6.04953	6.14978	5.58449	8.06137	9.84114
0	0	0.0231273	0	0	0
20.6546	18.6225	20.8441	18.0709	23.081	19.8605
0.241021	0.094193	0.396448	0.443125	0.300752	0.186743
0.13026	0.422057	0.19693	0.0593612	0.056438	0.175218
0	0	0	0	0	0
0	0	0	0	0	0

28.3053	25.8796	32.9693	31.0719	47.6418	41.9731
0.156468	0.952649	0.134754	0.103985	0.082366	0.0767334
18.2839	13.884	27.3931	28.7124	27.7851	29.9121
46.8891	49.8623	30.5234	54.3708	36.8781	54.7598
0	0	0.0203404	0	0	0.0135733
21.5098	19.0713	18.206	17.8682	26.3957	29.5188
8.26031	7.78123	10.898	8.27493	12.6277	8.78955
20.6055	21.0064	18.3944	21.4924	19.9882	20.5336
1.65299	1.12965	0.604606	1.03274	0.75085	0.986233
0.276793	0.446703	0.752533	0.410855	0.349106	0.231336
12.8963	15.153	11.6569	11.824	11.7296	11.0486
61.091	70.5966	53.3247	64.6648	48.4426	63.0154
56.0131	62.7889	49.6697	53.0695	30.6875	50.5563
19.5821	19.793	23.5942	19.844	19.6989	16.5716
0	0	0	0	0	0
21.5007	23.5732	23.7041	26.8377	26.5049	27.6006
11.7401	11.3246	11.6976	10.8353	10.2406	7.73472
0.314502	0.294579	1.15514	1.07324	0.710576	0.440819
0.0264652	0.0329809	0	0	0	0
13.7466	14.0311	11.3878	15.7928	14.483	16.3369
0	0	0	0	0	0
13.6523	12.8996	13.6321	11.8043	15.3205	13.0321
3.72875	4.50893	3.86163	3.83407	3.66238	3.17464
7.88965	6.10983	6.8964	7.37522	4.62742	6.20274
0	0	0	0	0.0864978	0
0	0.0553366	0	0	0	0
28.1613	28.3138	30.4113	27.6735	29.8081	29.9591
0.0620518	0	0	0	0	0
851.381	1000.39	907.884	901.55	872.157	885.113
0.189628	0.157542	0	0.0720131	0	0.106281
0	0	0	0	0	0
0.836954	0.625806	1.29169	1.02504	0.974564	0.387
0	0	0	0	0	0
7.18499	6.92636	8.22496	5.4553	8.40409	6.61931
77.5242	70.1294	71.3242	62.4576	59.3061	62.3011
13.2749	10.2654	19.1592	10.4676	18.7031	9.88182
0	0	0	0	0	0
7.75581	6.05582	7.25427	6.59384	7.79756	6.41082
12.7654	13.0843	16.7963	12.4781	17.6727	10.6685
15.3115	15.9038	13.5653	14.5289	13.4915	15.9659
14.2314	16.0854	21.0567	18.1407	15.2359	13.6031
5.22339	4.87222	7.00341	4.7127	6.86634	5.43416
0.0808642	0.302318	0.101877	0.184254	0	0.0679835

2.06795	1.64554	3.50504	2.56419	2.85175	2.05289
0.47347	0.589719	0.352289	0.245737	0.489568	0.325769
0	0	0	0	0	0
21.5812	23.2545	1.41623	3.23738	3.50567	2.67464
30.9861	24.5868	23.3124	21.3969	18.726	20.4389
0.926044	2.70E-18	3.00E-65	2.18E-10	6.50E-06	1.92E-17
0	0	0	0	0	0.0652256
34.7922	34.6388	33.531	30.8956	41.5037	34.2274
1.91353	1.79	4.21585	4.15255	4.94958	4.11871
0.201508	0.321433	0.162477	0.229575	0.209539	0.108423
0.822609	0.486938	0.689183	0.534194	0.507888	0.427048
8.64346	7.75588	9.70041	9.0147	12.4442	12.1153
1.50334	2.81019	3.69328	1.62709	3.58245	1.70623
14.1891	18.2907	19.6891	23.0068	17.5835	26.7725
0.0834164	0.143495	0.117655	0.187022	0.0903549	0.112415
0.317019	0	0.599097	0	0	0.266522
1.27314	1.22757	1.8595	1.08933	1.7767	1.52853
3.63797	3.81495	3.49084	3.58949	3.33825	3.11839
6.06722	7.17882	5.96021	6.73046	5.96897	6.88076
0	0.169147	0	0	0.29404	0
0	0	0	0	0	0.100185
0.399124	0.298433	0.335225	0.333458	0.37468	0.279624
0	0	0	0	0	0
0.519735	0.304797	0.65479	0.731448	0.397388	0.282731
0.436154	0.652241	0.439592	0.198761	0.377946	0.073336
0.133161	0.285936	0.198797	0.489511	0	0.173999
12.9381	13.181	29.0691	32.0509	21.0725	30.8151
3.15507	3.17342	4.85983	3.66187	4.53952	4.60789
108.046	106.934	65.1215	61.2821	55.4686	53.5828
6.87361	6.423	6.95868	6.52439	7.50901	7.45452
12.8818	12.6394	11.5457	12.7452	8.16136	9.67465
3.30086	4.106	4.34864	4.39494	4.30538	4.54281

FPKM	FPKM	FPKM	FPKM	FPKM	FPKM
19.9134	23.6144	22.1078	20.9601	21.0721	22.3557
4.48203	4.96026	5.01461	5.0682	6.05044	6.49575
0.210848	0.147656	0.0802818	0.220317	0.197427	0.0662963
1.04718	0.680651	0.914198	0.728497	0.904185	1.05314
3.94342	4.40979	3.94156	3.70691	3.68677	4.18505
0	0	0	0	0	0
3.29042	4.00614	3.57148	4.48573	2.4673	2.19787
13.3962	12.3417	16.2924	13.0961	17.4237	12.1154
6.31979	4.83815	8.45488	5.16914	8.9012	7.28651
6.18779	6.61829	7.1205	5.77294	4.16927	4.91542

0	0	0	0	0	0
8.04308	7.89848	8.4484	9.45687	12.2255	9.58518
6.46592	5.1062	10.3172	6.99707	6.30362	3.53282
9.3352	9.26884	10.3374	8.73792	10.3658	8.35838
8.92699	8.45867	5.12848	6.16199	4.99803	4.98383
7.22E-08	0.0196309	5.78E-07	0.110076	1.64E-08	8.09E-08
36.2834	32.9827	38.624	34.7719	44.3344	40.8059
277.415	285.369	317.372	255.828	342.755	288.082
12.0488	15.0788	13.9576	16.2281	15.982	18.1131
0.810101	0.0396437	0.355626	0.0517806	0.707113	0.629647
2.10891	1.85078	2.15699	1.31739	2.12468	1.66814
18.2365	23.5191	32.1654	39.9746	23.4743	33.1591
1.70564	1.57217	1.28423	0.850874	2.70022	1.27274
0.519647	1.25372	0.471369	0.094724	0.911851	0.698998
78.7125	83.6802	78.7563	82.107	76.1225	80.1471
0.121683	0.151642	0.153303	0	0.26361	0
11.0142	10.0877	7.74621	10.8853	10.1576	8.55322
1.30384	1.32711	2.5742	1.70033	2.32356	2.05416
46.389	53.8788	76.9894	80.6846	54.5354	76.0929
13.067	14.4577	13.4706	15.0315	16.2981	15.9766
36.4381	35.5934	35.2226	34.0879	30.8828	36.3249
0.0520804	0.129805	0.131227	0.0593343	0.0564125	0.109462
20.0354	22.3259	20.6774	22.0689	21.1132	21.1877
0.398221	0.638052	0.609208	0.939779	0.585397	0.573924
2.24458	2.16988	2.33067	1.93646	2.54209	1.82964
7.14836	5.66978	6.56715	6.41764	8.50011	8.03436
2.08935	3.66275	2.24584	2.53154	1.46018	2.01902
27.0768	25.4089	23.1626	24.7687	21.025	24.3702
16.5006	14.3888	16.9307	17.3211	17.5967	21.7022
0	0	0	0	0	0
33.2649	34.7398	31.6879	28.5858	29.9972	26.6842
8.00528	8.50411	8.20115	7.75515	9.14982	7.55176
0	0	0	0	0	0
13.5258	14.003	12.4858	13.6127	13.8495	10.8901
10.6202	7.97542	8.76916	6.70281	16.7402	12.379
2317.82	2676	2251.34	2575.18	2097.83	2476.99
9.56735	9.77667	8.5821	7.15032	11.4823	10.6494
10.7846	12.1517	8.79933	6.44665	8.60574	7.67117
5.02195	4.44526	5.05305	3.99348	4.92856	4.15826
0.138577	0.155426	0.0174587	0.0157879	0.0600417	0.0233007
6.37936	6.13037	2.8033	3.36704	1.883	1.75374
0.158075	0	0.199151	0.360183	1.02734	0.132895
5.39076	4.39848	5.56789	4.41901	4.03348	3.34121

345.887	383.788	227.245	178.869	130.74	189.368
16.5308	19.9174	17.7639	21.991	22.0744	24.7385
93.7169	95.2113	88.7274	82.5083	78.7577	74.5795
0.0216471	0	0.0272722	0	0	0
5.15204	4.45152	5.64269	3.99135	5.25319	4.18123
2.72321	2.74635	1.29643	1.63476	1.84808	1.50904
109.125	121.839	110.682	148.609	84.1514	122.914
12.9738	13.514	14.5482	13.8524	13.4614	13.1013
239.676	239.193	243.907	206.186	237.609	207.796
1.38668	1.76335	1.11714	1.35414	1.79835	1.70509
0	0	0	0	0	0
1.44245	1.13356	0.784813	0.82447	0.100971	0.230498
3.27279	2.96419	2.50098	1.95601	2.77016	1.99971
6.42952	4.10896	3.73858	4.13208	2.50002	5.54398
10.1352	11.341	11.3649	9.00774	9.6275	9.0561
1.87959	1.39969	1.96371	1.59298	1.56419	1.48384
78.0196	78.6019	73.8141	83.1536	72.529	80.5031
40.2558	39.4132	36.3561	40.4214	36.2138	41.5031
0	0	0	0	0	0
2.1822	2.79195	1.21063	1.39281	2.98961	2.49515
103.466	103.455	85.1192	85.1041	70.0782	77.3973
8.76002	8.56543	7.23306	7.5542	9.72225	10.2199
0	0	0	0	0	0
0	0	0	0	0	0
13.2367	14.4285	16.8666	13.1459	18.8702	13.6744
2.02637	3.32028	3.2478	8.70327	2.90165	4.64966
15.6669	16.3871	16.472	16.4365	13.1447	13.9294
0.0191801	0	0	0	0	0
6.76553	5.62883	6.33992	6.50396	6.77692	4.85364
46.2552	44.7446	49.5063	45.1257	43.6423	48.0786
30.9356	32.2894	28.5888	35.4967	24.7628	29.0536
8.18883	6.86855	7.3133	7.74727	10.1869	7.82309
47.2355	42.656	50.6435	51.2267	71.1381	66.0414
3.2486	2.3383	2.78731	2.79176	3.13963	1.56569
47.7286	49.6629	48.6696	49.5227	51.4583	58.6314
0.479577	0.0542085	0.274012	0.148673	0.329821	0.146281
9.66655	9.55475	9.79009	7.52452	10.6717	10.0675
13.0351	11.7766	14.9095	14.8308	14.3456	14.3093
3.78316	2.74585	4.88845	3.66279	4.75831	4.10093
0	0	0	0	0	0
2.20944	1.77804	2.06337	1.33694	1.04E-09	2.69196
6.49863	10.4269	24.255	23.0905	23.9772	35.524
1.24419	1.31351	1.28239	0.971197	1.33657	1.20668

0	0	0	0	0	0
11.1526	13.6812	11.6357	13.9468	9.62647	12.7457
0.88099	1.18234	1.16115	1.18127	1.96726	1.34458
0	0.225446	0	0	0	0.304182
1.3171	1.04173	1.82296	1.80199	1.54208	0.960494
5.99251	6.10446	6.60309	4.13388	7.74152	5.68968
2.2757	3.21579	3.37902	4.12048	2.06883	2.56233
0.312284	0	0	0.118593	0	0.0875138
3.47521	3.92386	4.73815	3.50689	5.39753	4.41697
0.117642	0	0	0.134027	0.0637135	0.0494514
5.39	4.05441	5.75061	3.59592	7.52146	4.61308
0	0	0	0	0	0
4.03582	3.51368	4.42063	3.61354	4.62987	3.57391
11.5624	11.0278	12.3382	12.1791	11.3432	10.5303
0	0	0	0	0	0
2.39048	2.72528	3.30583	2.76879	3.62454	4.38687
0.172799	0.323013	0.253985	0.328111	0.311954	0.290548
1.89203	4.25562	5.17433	3.94381	3.449	2.67695
5.88852	5.45357	4.8647	4.50912	4.80988	4.46361
56.1146	72.0087	129.847	117.396	108.351	140.922
40.4678	42.5431	44.3165	42.4987	43.1034	47.0635
0	0	0	0	0	0
15.9855	13.5758	18.1636	14.4255	16.875	15.7573
0	0	0	0	0	0
5.4922	4.64302	5.15604	4.36379	3.93236	3.8014
6.57684	7.18152	7.37638	6.75485	9.18038	6.45787
266.431	269.96	235.9	256.722	196.024	264.787
0.0807508	0	0	0	0.0437338	0.0339441
29.6355	29.9197	34.3026	29.6344	35.5869	30.1531
0.538823	0.479629	0.387908	1.05235	0.250132	0.194141
0.0518813	0	0	0	0.0561968	0
33.6382	30.0354	28.8838	27.5197	28.2398	26.746
0.232628	0.257688	0.0651269	0	0.605604	0.354931
20.9459	18.3042	14.4825	12.8439	11.062	14.1366
2.30585	2.39014	4.31682	2.4306	4.59847	3.15241
0	0.612428	0	0	0	0
9.70231	10.8191	10.5058	10.7814	11.2677	12.2466
6.22165	7.09819	6.95517	7.18805	8.44768	6.11466
55.8584	46.7503	54.4118	50.4215	49.5237	44.7978
0	0	0.351529	0	0	0
0.138006	1.0319	0	1.57228	0.149485	0.696141
0	0	0	0	0	0
0.885465	0.853624	0.71564	0.875558	0.778152	1.37648

0	0	0	0	0	0
0	0	0	0	0	0.0393747
1.40345	1.76532	1.05758	1.34489	2.17373	1.94076
14.7455	9.56865	11.8393	9.39659	11.7671	9.44489
8.64519	7.81878	9.41651	8.73765	10.4001	9.45019
0	0	0	0	0	0
5.56474	5.99043	8.07398	9.62233	7.4009	7.67007
5.77623	6.78928	3.63858	4.26251	5.40347	4.00077
0.449137	0.408694	0.803491	0.270056	0.943506	0.302148
8.72013	8.19544	8.40345	7.29797	11.281	9.29357
5.37236	6.9366	0.732656	0.222161	8.15887	7.19393
0	0	0	0	0	0
1423.57	1717.84	1581.15	1570.13	1317.23	1516.67
0	0	0	0	0	0
0.92814	0.14163	0.572728	0.517917	0.553964	0.0955467
50.3003	50.2784	39.7461	47.2597	36.5204	49.1001
67.4388	64.6164	67.0884	69.2284	61.2696	62.072
1.38664	0.817403	0.702335	0.679927	0.697274	0.667422
1.87497	2.74294	2.10542	2.46118	2.03092	2.02178
18.6791	18.8939	16.2089	17.5822	15.6356	16.5158
50.5321	49.0491	50.4848	52.3467	45.5729	53.8194
11.9137	11.7956	14.103	12.3078	7.75097	9.52806
3.16282	3.08987	3.52151	2.49306	3.87354	3.33988
1.39412	1.33643	2.02661	2.62681	1.39393	1.9384
7.3732	6.82105	7.2991	6.13621	8.60041	6.72817
0.865754	1.0789	0.981651	1.28224	0.656437	0.43671
59.7627	64.7588	68.5518	64.6498	70.4364	58.8802
5.80211	4.64104	9.5151	2.37617	5.22793	1.93688
21.3204	27.2214	32.6282	40.2349	31.7363	26.3916
0.9787	0.609828	0.308255	1.39377	0.795081	1.23421
782.512	795.231	823.072	908.108	562.271	772.107
0.45106	0.216196	0.349705	0.118589	0.563745	0.379212
89.7281	82.5136	93.7849	87.7604	93.0576	101.785
0	0	0	0	0	0
3.10188	0.968623	0	0	0	0
0.503269	0.534502	0.495659	0.442343	0.521432	0.160944
26.7086	31.6355	26.6628	36.716	38.3608	41.0826
2.93107	2.89171	3.94916	2.99147	5.22531	4.38077
0	0	0	0	0	0
0	0	0	0	0.265027	0
1.34087	1.66766	1.52672	1.05881	1.45687	1.19921
0	0	0	0.0732781	0.0696695	0.108148
6.19804	7.24896	8.24497	6.43989	6.83749	4.88556



0	0	0	0	0	0
0	0	0	0	0	0
2.84638	3.10521	3.17451	2.64742	3.57846	2.69112
17.4182	16.7671	19.6684	18.508	22.6541	20.3788
2.76609	2.86253	4.39377	4.06471	2.34476	2.39279
14.6849	12.8413	16.8151	12.7164	18.6926	19.8162
1.09711	1.12594	0.731749	1.43372	1.50293	1.27501
23.9664	23.38	22.14	21.6749	24.4094	25.7639
19.935	17.3937	21.3497	25.3232	29.4509	28.3961
0.719954	0.672904	1.17915	0.902254	0.701855	0.696065
0.316269	0.506743	0.474348	0.394636	0.358889	0.455813
6.28535	6.18208	5.48087	9.29128	6.63937	4.70553
6.80815	7.347	8.30133	6.92462	7.69078	6.59836
2.93816	3.19024	4.28805	2.58511	2.55234	2.81254
5.10205	2.9067	4.78444	3.40241	6.05682	5.87
59.2359	59.9852	52.5283	54.0181	49.9811	62.8382
0.509001	0.306222	0.508592	0.27995	0.760469	0.354144
13.3398	13.2879	15.6118	11.0703	11.6441	10.5765
0	0	0	0	0	0
0.014252	0	0.0359108	0	0.0154374	0
1.89094	2.06371	1.54109	1.49004	1.74243	1.60972
7.31106	7.17603	7.34037	8.08456	7.30919	8.28001
12.3213	10.2365	6.15064	8.21058	7.63838	8.59964
0	0	0	0	0	0
20.4972	20.168	24.3601	20.7335	28.4319	22.2086
0.0700757	7.68488	0.17657	57.615	1.18917	6.55903
6.82583	6.66316	7.21858	7.27703	8.48528	8.51157
0	0	0	0	0	0
0.997396	0.891174	0.924648	0.664638	1.12113	0.775238
59.4913	57.5303	64.2733	58.4848	85.4933	62.4977
65.089	61.7357	62.6624	57.4998	58.8747	53.7391
0	0	0	0	0	0
2.60653	2.07362	1.96596	3.00525	2.26646	2.86501
0.0274267	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
11.6161	12.3398	12.0123	10.9847	13.1957	12.5192
5.67802	3.6877	6.54275	2.90442	5.45972	1.97311
0.167121	0.310125	0.129968	0.433406	0.198653	0.264473
16.2226	11.7387	19.5151	13.4741	19.3859	15.5744
28.3979	31.6649	26.8454	32.5165	23.5282	28.4416
1.57742	1.40998	1.42543	1.105	1.89491	1.07703
1.47226	1.20886	1.8292	2.15522	2.20149	2.00757

0.791474	1.04435	0.703865	0.477377	0.353009	0.234848
12.8223	10.299	19.2669	8.05655	15.8729	5.6945
0	0	0	0	0	0
43.4574	49.037	45.5688	49.9906	44.7701	54.307
112.911	110.734	118.482	128.432	91.5644	115.67
4.04741	4.00725	6.89793	5.16279	4.69338	3.96635
0.461396	61.8836	1.31245	647.942	1.81709	37.6264
0.585202	0.476022	0.700627	0.517493	0.492009	0.287508
0	0	0	0	0	0
13.1537	14.7307	14.0206	13.4991	11.3585	11.8205
13.9929	14.8849	16.7524	14.7969	13.482	12.089
0.386625	0.497872	1.03913	0.52857	0.879447	0.606742
45.4716	99.5452	22.1339	156.684	54.723	14.0751
4.83282	4.64693	5.19235	4.85169	4.61381	4.42737
0	0	0	0	0	0
0.0206282	0	0	0	0	0
38.1916	51.4392	55.2419	70.8852	35.6467	32.226
1.62793	1.77291	1.83316	1.54702	1.69433	2.12106
278.238	0	350.539	316.992	301.382	233.918
0.545894	0.396837	0.114625	0.259137	0.344926	0.15298
19.1523	22.5987	22.7369	22.8338	22.6917	22.5695
78.3777	88.7783	113.061	53.1119	55.704	82.0602
35.7697	34.1412	33.6833	29.4816	35.3737	37.4475
7.59907	5.79035	7.7797	5.64373	9.62077	5.89104
0.358491	0.20099	0.412607	0.459122	0.609302	0.517133
10.9905	12.0522	12.0648	12.3115	11.2559	13.4363
5.56883	10.3061	2.80128	6.25543	7.88616	3.56273
14.0589	14.0355	13.4065	11.7695	13.3774	11.6562
35.2064	36.4693	34.6803	33.0489	31.1777	26.9826
59.9158	55.3632	81.7679	83.6629	73.4084	74.0182
16.8054	16.0925	17.4274	11.6934	15.7185	12.6311
1.85287	3.80851	1.19098	3.36341	2.08869	1.83803
22.1117	22.1802	23.5316	23.9988	20.6129	28.3446
6.42418	5.71843	10.406	9.41009	11.9289	21.6035
0	0	0	0	0	0
0.0657221	0.0409514	0.0207001	0	0.0355944	0.0138133
2.83448	2.92629	3.43099	2.20034	4.18397	3.23571
0.602625	0.553362	0.479507	0.722695	0.51533	0.613294
22.1696	22.2489	23.1464	18.5279	24.5708	23.7792
3.52754	4.47679	2.98449	3.24366	3.99037	3.53442
8.99905	7.50424	15.74	4.78048	11.7756	5.65558
0.341487	0.234436	0.408743	0.194397	0.776375	0.372975
9.38967	7.50819	10.0164	7.77999	9.05256	8.07759

17.9718	17.6812	18.9264	15.0867	21.2344	15.5924
0.0862351	0.0214932	0.0217287	0.078597	0.0560449	0.0724989
13.9394	15.4105	16.2608	16.9453	15.7647	13.4552
0.307126	0.313151	0.42211	0.190856	0.272187	0.234731
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.0398711	0	0.10284	0.0798191
13.586	14.9003	11.9287	17.711	8.4671	8.92278
0.0414343	0.0103271	0.00870021	0	0	0
1.83855	1.59387	2.36665	2.14016	3.33356	2.68815
0.373675	0.465766	0.314445	0.354768	0.224865	0.113444
14.2027	13.9067	13.562	11.7183	12.6064	12.4616
0.0704775	0.351316	0.0887914	0	0	0.0299456
28.7173	31.0909	30.5078	29.6281	34.2092	33.2564
0.0852489	0.0708247	0.107401	0.0647484	0.0615599	0.0477798
0.660101	1.02827	0.623723	0.517029	1.20658	0.79974
0	0	0	0	0	0
25.0876	23.3083	31.358	25.8281	38.1198	33.4285
8.54139	7.21397	8.84486	5.91538	9.00902	7.49675
0	0	0	0	0	0
81.6249	81.0701	47.8587	50.0661	69.8938	76.9037
26.751	25.6782	24.4267	23.2228	20.5608	20.9931
20.0226	21.0533	17.882	21.5857	17.7523	19.085
78.0831	79.914	61.5426	85.3057	63.5355	81.5017
23.4357	23.4602	25.8023	19.764	24.8089	21.9637
24.4255	21.8399	26.3635	23.9526	27.8023	21.5196
13.8977	16.6054	14.9735	14.8003	14.8934	17.5307
40.9423	34.3418	40.0747	31.4404	50.0618	72.5261
0.228324	0.360478	0.0910394	2.86E-12	0.272321	0.417008
12.8836	16.2288	15.5426	12.7012	14.3094	15.3892
3.71751	4.25859	4.45291	4.2934	6.58164	4.64227
2.41602	2.70361	1.92569	2.07844	2.83062	3.06749
48.8762	45.9305	44.5796	41.3612	44.7049	44.6483
1.31804	1.69232	2.01278	0.546045	1.25462	0.402943
7.10149	8.12656	9.29095	7.39045	10.3549	6.86011
1.46582	1.71697	1.80832	1.54347	2.57548	1.2671
17.1583	17.7229	18.842	20.8803	17.3485	18.2544
14.7911	15.2717	16.0358	15.5457	15.8891	14.6061
1.63722	2.07871	1.54163	0.699401	0.782897	1.07611
0	0	0	0	0	0
34.608	31.9256	41.2717	41.9796	38.8914	46.3133
0.935616	1.09272	1.94701	0.854182	0.978319	0.309655
0.920932	0.828389	3.0207	1.97436	2.81601	3.54167

0.0733488	0	0	0	0	0
0.120641	0.0427009	0.129506	0.0390374	0.160337	0.387293
25.9445	32.82	31.3294	43.7236	23.3304	21.1533
0.148682	0.0370573	0	0	0.0966293	0
0.953762	0.86442	1.31084	1.87686	1.97227	0.656051
0	0	0	0.819317	0.0353204	0
0.940241	1.24347	0.604371	1.09306	0.997665	1.00019
0	0	0	0	0	0
0	0	0	0	0	0
6.28575	5.88794	6.09478	7.01066	7.984	8.59889
1.04095	1.13546	2.62017	2.66558	1.68955	1.58503
0	0	0	0	0	0
0	0	0	0	0	0
21.7341	21.402	22.0173	22.6554	20.9612	20.337
0.854606	0.355003	0.777601	0.595001	1.59425	0.478985
0	0	0	0	0	0
86.7925	91.2191	56.4551	50.1941	52.0049	63.4239
50.2798	53.224	52.6708	56.1382	53.0472	56.3259
7.21531	8.45041	5.80681	6.26831	6.79607	7.12096
3.04212	2.95601	3.77693	3.96743	3.35277	3.3927
8.78193	7.39577	9.50808	10.9431	8.24904	6.51787
0.422444	0.402579	0.125228	0.0566216	0.323	0.271588
0	0	0	0	0	0
1.75949	1.18714	2.16326	1.37715	3.07488	1.26518
13.8725	14.4456	14.6448	15.54	15.6884	16.6235
37.5618	36.0083	38.0007	36.1101	40.201	35.4216
0.38437	0.229087	0.505304	0.342709	0.380138	0.266945
4.27419	4.58612	4.25689	4.28363	3.82854	4.35347
0.764146	0.525395	0.697137	0.420279	0.970416	0.664579
32.2813	26.6355	24.7363	25.4801	30.8683	25.3309
6.16646	7.96239	8.98564	2.79321	10.3812	2.62334
5.94427	5.30842	5.84341	4.73462	7.35508	5.88335
5.46419	5.38315	7.07577	5.11961	6.0507	5.49371
9.9415	10.1537	10.8537	10.2971	10.9654	10.2427
3.8275	4.47407	3.82885	3.3756	1.78463	1.68638
0	0	0	0	0	0
0.0830918	0.0517745	0.183196	0.0473325	0.247509	0.0873204
4.72E-07	7.13E-08	1.78E-07	6.08E-07	1.47E-06	1.21E-05
0.155002	0.106437	0.218623	0.1977	0.0822336	0
11.1608	9.32453	8.67434	7.02088	10.3117	7.34105
5.44254	4.65052	8.15797	2.72675	7.00572	4.78746
5.70543	5.85216	6.33097	5.20008	6.32262	6.77062
0.589676	0.668048	1.01305	0.732881	1.16132	0.946427

4.93675	4.49754	5.2078	3.14875	6.09038	4.00876
7.67E-11	3.07E-07	9.13E-14	8.15E-15	0.526093	1.99E-18
1.50627	0.969769	1.76894	1.13023	2.33642	1.10183
4.06322	4.19328	3.59934	3.03788	4.74529	3.78962
12.358	12.1377	10.9843	11.7526	11.2589	11.1599
2.55959	3.47108	2.18093	2.9161	3.99476	3.86012
25.08	22.2678	24.7155	20.2871	34.035	25.0159
5.58898	5.49366	4.73216	4.8692	5.03477	4.14768
0.2026	0.309688	0.422661	0.382211	0.363389	0.473992
0.177368	0.221036	0.148972	0.471502	0.256162	0.447346
20.9505	24.0621	19.6425	24.2695	17.2398	20.0028
105.207	56.5556	87.0876	52.5611	59.9502	24.9714
0	0.0635112	0	0	0	0
7.59835	8.48481	9.05814	8.6877	7.49289	11.0817
42.6346	46.6309	46.5518	45.0787	55.285	53.4288
10.3609	11.3697	11.5437	9.79004	12.4248	10.5269
43.8443	48.5278	46.1523	53.073	32.6502	40.7405
0.384031	0.382625	0.675008	0.961037	1.49271	1.34862
16.2778	15.1291	17.9416	16.5534	24.6497	17.4466
12.7756	11.6292	12.6897	10.4768	13.7447	12.3076
31.8252	32.0537	35.1087	34.0588	36.8644	30.5197
2.80428	3.70438	3.427	2.30031	2.64266	2.00396
9.2876	9.12931	9.1916	8.80192	10.0661	8.35354
0	1.77E-09	0	0	3.35E-61	0
0.461097	0.430022	1.38751	1.68484	0.988006	0.808278
0	0	0	0	0	0
0.162682	0.141913	0.266441	0.203874	0.334805	0.0957378
0	0.00399146	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
13.259	14.4339	13.5637	14.1255	13.5494	15.0234
0.954988	0.825305	0.65801	0.841493	1.10336	0.888479
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.359643	0.108408	0.10307	0
1.11871	1.50631	1.45801	1.27453	1.53211	1.04862
7.19014	4.85245	7.83861	5.25764	7.83284	5.61182
0	0	0.0365577	0	0	0
21.7339	27.0847	23.1747	24.4553	24.7042	25.9165
23.3755	23.2173	20.8917	22.3066	19.1522	23.2214
16.2203	18.87	18.2254	19.6546	21.5257	20.9531
1.32854	1.43513	1.30227	1.07689	1.46982	1.41448
9.22233	9.00905	9.7036	7.96673	8.78192	8.69054

5.87973	6.06495	7.40602	6.93422	10.5994	8.63801
0	0	0	0	0	0
29.5966	32.4305	33.311	34.9401	26.8981	29.2378
0.326225	0	0	0	0	0.274261
3.65489	3.45671	3.04234	2.99904	4.58337	3.85918
0	0	0	0	0	0
0	0	0	0	0	0
62.5186	70.8481	55.305	68.5617	54.6622	68.1391
9.22655	6.2906	11.1467	10.6173	10.8428	8.57817
0.241178	0.277436	0.257103	0.0422723	0.160763	0.140373
0.714955	0.571138	0.704424	0.501253	0.963066	1.07114
2.49661	2.06126	2.77841	1.24449	2.01696	1.44787
3.25973	3.94662	4.39908	2.82827	11.2837	5.06161
0	0	0	0	0	0
9.59606	9.41723	11.6624	11.2025	12.9797	9.95157
13.528	12.6439	13.2694	13.1554	13.6066	11.3325
19.5491	17.4482	29.426	24.1764	21.8541	23.2668
0.328335	0.113659	0.367693	0.14547	0.711292	0.322041
20.9025	15.9988	20.766	15.4654	25.584	16.5516
0.0905321	0	0	0.103142	0	0.0190273
0.395765	0.392035	0.306537	0.37207	1.48371	0.897245
40.0192	37.8917	47.7878	50.7967	40.8664	40.2638
6.09683	5.50417	6.76258	5.59774	6.94732	6.44041
0.868099	2.97502	1.09368	4.45055	0.940308	2.18946
0.0649965	7.77586	0.682384	330.334	0	7.16099
107.482	124.061	106.695	124.113	119.917	132.72
0	0	0	0.126599	0.120365	0.0934215
6.45316	6.7022	10.1618	9.18815	5.24328	4.77475
0	0	0	0	0	0
0	0	0	0	0	0
0.69206	0.762931	0.972498	1.51625	0.951447	0.827979
12.7332	6.74103	20.6292	12.0035	14.8124	8.38279
2.85253	3.41554	1.97497	6.0312	1.4562	4.41888
0	0.178837	0.180797	0	0.310886	0.120647
0.640752	0.532336	1.07634	1.095	2.15926	1.70584
0	0.197873	0.136928	0.44203	0.124961	0.292264
0	0.296111	0.598711	0	0.257376	0.199763
5.96777	6.61797	5.59749	5.36131	8.34362	6.21069
0.394713	0.365545	0.319681	0.385449	0.509195	0.435172
0.0541358	0.033732	0.0341016	0.030838	0.146597	0.136538
1.53459	1.72161	1.46047	1.24154	2.0905	1.31447
153.868	96.1739	104.696	113.283	97.5391	72.9452
22.6824	23.6023	20.8901	24.1786	18.4877	17.7163

0.348384	0.253258	0.182881	0.132303	0.314469	0.292891
40.5264	33.8627	65.9079	44.194	56.9405	45.6
0	4.40747	0	0	0	0
0	0	0	0	0	0
19.9714	19.0135	19.3606	17.5382	21.6342	21.6864
0.333383	0.286823	0.098188	0.272148	1.60E-08	4.25E-08
27.8466	28.5501	22.5589	21.3829	15.2794	17.7476
0.754004	0.973198	1.35705	0.705627	1.22508	0.928211
0.152504	0.515851	0.10979	0.0496415	0.424772	0.256424
618.999	660.014	767.72	727.327	695.724	800.235
41.7935	40.8837	55.4484	46.9211	52.5989	51.9311
0.0209543	0	0.0593985	0	0.0226973	0.0176165
7.40823	7.64237	7.33884	7.8097	5.81023	6.15066
28.2117	23.178	23.6903	21.7993	23.5016	15.6459
0	0	0	0	0	0
1.1865	1.21109	0.78893	1.46167	1.1591	1.58441
0	0.0260186	0	0	0	0.0175527
12.2709	9.30668	12.3062	11.2159	19.3292	11.2527
0.22818	0.284358	0.191649	0	0.24716	0.191834
2.03908	2.06164	3.34447	2.92212	2.83379	4.23717
22.1455	29.6353	29.2799	33.5078	29.7266	29.8276
5.98536	5.69845	6.74446	4.82837	6.32215	5.50078
45.7733	55.9198	39.8142	48.7985	41.4178	50.3891
8.33152	7.01452	7.59122	7.26021	7.33243	7.44218
29.1791	27.0802	29.5092	26.9429	26.7984	28.6907
165.439	252.123	171.991	150.303	10.4354	25.1013
0	0	0	0	0	0
0	0	0	0	0	0.064974
0	0	0	0	0	0
0.115813	0	0	0	0.125446	0.19473
0.0741245	0.056897	0.10057	0.0928937	0.10097	0.164449
0	0	0	0	0	0
0.0461034	0	0	0.236385	0	0.0387597
0	0	0	0	0	0
16.0149	13.3103	17.8434	16.3957	21.2829	19.613
0	0	0	0	0	0
1.26955	1.07529	1.06594	0.840203	0.927793	0.284024
33.4179	28.1454	30.4197	27.7917	61.3292	42.4621
10.0688	4.60653	23.2904	8.07461	16.316	4.99288
36.012	39.7637	35.3317	44.84	35.0026	44.248
0.513677	0.329412	1.0277	0.697057	2.10159	1.28896
0	0	0	0	0	0
2.04465	3.49647	3.0544	3.47403	2.96397	3.49476

8.24057	7.6582	7.76181	9.42397	13.0079	14.5789
5.74018	5.63173	7.42313	6.35528	7.31978	6.28476
1.88578	1.27085	1.76401	1.77039	1.56924	1.23838
68.6153	61.0847	78.1453	72.1771	79.7533	68.0663
2.06022	2.90977	2.76862	1.72126	1.33895	1.73205
125.02	141.335	129.097	123.542	96.2658	113.33
22.6787	28.8101	24.5893	20.5429	24.488	26.5576
20.0385	19.7821	19.4537	18.3006	18.9811	19.2338
13.3211	13.1673	13.5052	12.6064	15.3422	17.0664
6.10102	6.63085	7.53178	6.54133	7.69092	6.56626
0.0257493	0.0641774	0.162202	0.146678	0.0836732	0.0216477
0.0103575	0	0	0.0236002	0	0
25.409	20.5294	23.0278	24.1731	24.0231	26.5981
57.039	57.0608	53.3967	51.3887	40.3399	48.0313
60.5236	56.927	57.4332	57.8335	41.3009	46.4443
0	0	0	0	0	0
3.30186	3.57415	2.88458	3.34989	3.91589	3.18116
0	0	0	0	0	0
0	0	0	0	0	0
31.1194	32.6016	42.8896	43.655	55.2847	59.9149
0	0	0	0	0	0
9.40986	9.55336	10.3484	7.80487	10.3044	8.23936
3643.15	3776.41	4457.28	3920.73	3187.7	4207.14
55.3083	51.8311	53.1762	50.4295	54.3623	58.6148
59.7632	64.9783	48.544	52.4981	46.8388	59.4053
16.5897	17.1636	18.3352	17.5198	16.7581	17.9031
13.2774	12.52	16.066	12.8116	15.0372	12.9477
17.4222	17.4027	7.12514	6.657	9.23247	12.3036
0	0.309981	0.313378	0	0.0673572	0.308466
0.3926	0.244629	0.176649	0.351436	0.455632	0.306487
4.97725	4.47403	4.85201	5.07555	7.5124	6.69509
0	0	0.26625	0.120384	0.0572281	0.0888354
0	0	0	0	0	0
7.31066	7.41817	7.04322	7.52954	7.3794	5.55628
21.5306	21.492	18.3788	20.3578	19.5414	22.0381
0.0688615	0	0	0	0.0331508	0
27.1675	27.93	25.1965	30.7632	25.6234	26.1549
9.05804	4.85682	8.49815	5.61117	12.0614	7.45317
0	0	0	0	0	0
0.195343	0.121718	0.184578	0.111275	0.0264489	0.184755
6.16536	6.30851	7.38648	4.54875	8.89212	5.95066
143.014	154.025	145.94	131.544	137.81	162.995
0	0	0	0	0	0



6.47699	5.17945	11.2396	8.38248	13.0687	11.368
0	0	0	0	0	0
4.06074	4.40753	4.56584	3.53193	5.01336	4.80885
0	0	0	0.0212181	0	0
9.55464	13.6346	12.9002	16.4319	12.0151	9.43758
0.636056	0.697534	0.705177	0.521746	0.74408	0.770025
0.203234	0.194173	0.102418	0.0308721	0.0660416	0.0854305
0.456582	0.497868	0.359517	0.390132	1.05094	0.479818
12.0288	17.6952	18.0384	21.3512	21.2085	22.9703
8.92174	8.66714	7.61233	5.34213	8.52191	6.9847
0.0794536	0.0742612	0.125125	0.0678901	0.129094	0.0667976
3.17303	4.34965	25.5844	7.95296	5.49914	7.73606
0	0	0	0	0	0
86.654	98.9533	79.1952	92.4981	81.2114	102.184
59.889	51.977	58.2733	54.188	65.9757	66.5406
12.8626	11.5564	12.9693	10.485	15.8708	13.3889
33.7851	31.6947	34.4588	26.1123	38.4011	31.2629
4.96226	4.81635	7.45397	5.65341	6.35699	6.17752
27.272	26.4532	29.364	26.2049	28.8918	26.5736
0.0813207	0	0	0	0.17617	0.0683673
14.606	13.7849	16.9601	14.0895	18.7631	14.8168
190.259	221.226	130.462	158.864	158.903	179.3
0	0	0	0	0	0
99.4662	65.6427	38.0655	35.3371	53.0014	78.6772
9.40057	11.7947	5.43663	7.76546	4.12801	4.28057
30.2571	29.4891	24.7691	27.1975	39.2704	41.9666
16.2395	13.9381	18.3211	12.937	21.3993	18.2515
1390.39	1622.03	1265.47	1363.36	1245.31	1575.11
14.3768	12.5331	20.3273	19.1995	9.27633	11.0393
0	0	0	0	0.288286	0.223754
2.44196	1.37322	2.96423	2.17127	2.8709	2.51844
7.86331	10.3887	10.0556	12.2591	8.45334	9.74221
11.2848	11.2589	13.7902	10.818	12.7006	11.3106
0.0977664	0.0974691	0.0492686	0.178214	0.0635392	0.0657547
0.0166393	0	0	0	0.0540701	0
0	0	0	0	0	0
50.2636	51.4721	54.7035	52.4546	49.7089	44.6731
14.1197	14.2766	17.4635	15.8386	13.1892	12.2476
6.57765	7.37752	6.95148	6.08539	7.67559	6.34067
0.360251	0.173248	0.607219	0.22335	0.646793	0.461686
25.1918	30.0402	26.6569	30.7564	30.8751	33.7238
0	0	0	0	0	0
1.47103	0.785656	0.353007	0.319223	0.53113	0.412238

49.1239	54.2252	50.6026	55.3491	44.7326	48.6236
22.1959	21.4705	22.7879	21.5399	29.7514	21.284
4.65731	4.73554	4.84582	6.4411	5.64705	7.01275
0.644743	0.717652	1.21748	0.708387	1.89332	1.50765
4.41465	3.70388	6.36311	4.44692	6.39006	5.17035
0	0.0964412	0	0	0	0
1.53473	2.55826	2.43029	1.10836	3.78581	4.01486
14.0647	11.1792	13.7842	12.6262	13.8673	13.6089
6.50298	6.87033	6.42953	6.067	5.91613	5.36669
109.781	182.426	101.514	256.611	46.9822	81.3163
7.07451	6.64912	5.77592	6.43889	7.42751	8.09076
3.56648	3.8315	2.47903	1.68134	2.2646	2.27463
18.163	17.572	15.4534	10.8839	20.6538	20.6327
9.14249	8.57387	9.10121	7.89858	7.76759	6.50713
5.91545	4.14051	5.53083	4.79783	6.90804	4.18392
10.0282	10.9115	12.0635	10.1719	12.9181	12.9273
16.51	17.9104	20.0934	17.2309	20.5994	22.1905
0.0713504	0.26675	0	0	0	0.0599851
10.0112	9.7775	10.5046	8.84253	10.1586	9.07851
107.368	103.665	82.0178	87.3153	53.2222	61.7237
0	0	0	0	0	0
8.39282	11.9533	7.38483	7.58873	7.93653	8.39994
19.8157	21.1959	20.5118	17.1862	13.2457	11.4817
0.17068	0.0925007	13.7952	13.5481	15.1026	15.8931
0	0.0304364	0	0.0556502	0.158729	0.041066
0	0	0	0	0	0
0.0535322	0	0	0	0	0
29.4055	36.8587	26.618	46.0707	23.4952	26.2634
0.0324678	0	0.163619	0	0	0
35.4094	37.79	34.8595	30.5341	43.2959	51.3441
12.6583	13.0179	16.3244	12.6757	13.8219	11.6644
14.7179	13.4544	15.9475	13.9162	15.654	13.2202
29.0736	29.0594	29.3779	28.5447	29.6111	27.0703
8.2989	6.73031	7.51181	6.95291	9.04452	7.53515
18.7596	17.9176	15.3538	16.1984	14.6344	15.7203
0.434874	0.396893	0.557655	0.398199	0.677158	0.365604
5.2085	5.44387	5.83514	5.03127	4.66851	4.0895
4.3355	3.98917	4.33004	4.70901	4.28248	4.38144
4.05598	2.23936	3.01853	1.71578	5.43144	2.82001
4.40462	4.24746	4.32704	3.9428	4.23142	5.31206
0.0989488	0.112366	0.0785364	0.0634112	0.212697	0.0980099
0	0.00651062	0	0	0	0
0	0	0	0	0	0

11.5779	10.5219	15.2215	9.9063	15.4074	11.1507
10.1239	8.37441	9.29622	9.03201	10.4426	7.68044
39.5374	52.9191	45.3853	53.1351	37.4635	49.6503
0	0	0	0	0.185051	0
87.4502	80.8275	87.6291	79.8046	109.334	88.4817
46.6339	46.4438	50.0904	47.327	48.8248	41.7133
1.9924	1.63351	1.93765	1.05531	2.15813	1.92482
66.571	59.4897	81.2619	65.8569	87.0006	85.5512
0	0	0	0	0.0479869	0.0372451
0.237968	0.127095	0.171317	0.0580955	0.368231	0.342964
0.439025	0.183347	0.159253	0.161997	0.362102	0.228716
0	0	0	0	0	0
66.9114	68.5184	63.4618	69.5958	70.6264	71.1439
0.268115	0.378759	0.484159	0.458188	0.764795	0.525951
1.76613	1.57539	1.92399	1.49077	1.97786	1.6532
4.22805	3.38721	3.04384	3.37812	1.01111	2.79288
8.48932	9.07785	10.34	13.3574	11.7208	14.7463
26.0643	25.4598	26.3346	25.2556	30.2996	24.8779
42.114	41.863	50.133	42.4928	48.3969	43.1866
0.0390403	0.097304	0.0737777	0.155673	0	0.0164108
33.7118	33.1177	31.2706	30.5438	24.2552	26.7059
0	0	0	0	0	0
0.12698	0.158242	0.106651	0.032148	0.106977	0.106754
6.6604	5.99739	6.42126	6.47763	7.10443	6.00066
11.6285	13.8727	12.8891	16.8768	16.2488	18.314
4.74124	5.3694	3.52082	5.32399	3.31234	4.48002
7.11331	7.94581	7.61404	7.73889	8.80227	7.95397
6.65733	7.22826	6.83034	6.76575	6.36907	5.69709
0	0	0	0	0	0
0	0.00673976	0.111289	0.0369692	0.00585811	0.0272807
4.29222	5.44894	4.19464	4.593	4.4537	4.0132
6.88109	7.86258	7.72836	6.86301	8.2109	6.3965
45.0189	45.1271	53.922	46.0588	47.1991	36.2978
0	0	1.18393	0	0.0677367	0.226064
1.18884	1.29852	2.02639	2.73276	1.20441	1.03475
18.5265	16.6768	20.5394	17.8365	22.25	17.487
0.497012	0.47258	0.470716	0.690869	0.533683	0.562512
12.0846	11.1976	11.7405	10.9874	15.1024	13.0144
7.58942	7.51385	9.11913	5.99973	10.5358	7.1836
23.1883	49.3146	37.2995	46.7533	29.4228	27.5162
0.188657	0.28735	0.396134	0.238815	0.567638	0.59918
47.4174	51.2288	47.5623	55.6698	52.6741	63.6624
0	0	0	0	0	0

0	0	0.439281	0.595861	0	0.146568
2.59223	3.69193	3.68864	5.44512	3.09616	4.3781
0	0	0.135182	0	0.116225	0.0902083
18.4585	20.2915	19.9551	17.7804	19.9098	17.4051
0.703142	0.591472	0.819417	0.360485	0.704507	0.280791
27.9116	31.9195	42.8042	38.1557	36.9262	38.7691
21.7385	23.2112	22.4851	23.7023	16.8592	19.628
0	0	0	0	0	0
10.1828	11.7428	12.2863	19.566	13.3894	16.5466
1154.55	1177.35	1252.67	1276.84	1108.03	973.908
4.59825	3.90091	3.92484	3.29654	5.01647	3.56122
10.1103	7.69369	13.294	10.359	13.7385	13.2947
5.26187	4.6162	6.79914	4.85099	4.37275	3.73108
6.31451	5.91687	7.591	11.8893	6.86586	6.56494
3.35703	4.07505	4.06478	4.37098	1.74763	1.94262
18.6111	23.4182	18.8963	18.8438	20.0751	20.1495
20.9911	18.0537	20.5268	18.3387	17.0529	18.2196
18.8079	22.6607	19.9108	17.6872	16.1181	18.4087
1.72424	2.00842	2.10866	2.79315	1.51093	2.02368
1.08E-31	7.70E-16	4.69E-69	9.63E-244	1.82E-32	2.77E-28
2.30976	2.08685	2.90996	2.0065	3.25245	1.50493
0	0	0	0	0	0
379.413	458.255	389.332	427.418	407.117	464.897
3.10716	2.1886	5.10595	2.30865	5.41424	1.8172
4.19685	3.81745	5.79772	4.87413	6.69767	6.85712
0	0	0	0	0	0
31.1978	31.2508	36.9169	33.8217	37.6245	38.5713
831.744	993.291	831.691	877.391	757.004	890.968
0.806463	0.886776	0.836727	1.24307	0.924929	0.917298
5.40526	5.58877	5.62516	4.68227	7.51446	6.30227
0.51185	1.02582	0.402284	1.59739	0.428811	0.430319
27.6039	29.2044	21.7894	27.4132	23.867	26.6914
5.18292	5.9674	5.46405	5.13998	7.33933	5.7436
9.13777	8.83912	7.27835	8.09675	6.11848	6.9368
143.402	146.297	146.424	144.934	121.727	139.824
0.00227192	0.101951	0	0.685229	0.0411656	0.0829212
24.6464	21.9006	16.2005	16.4406	18.9584	14.2942
0.480955	0.149841	0.406304	0.620131	0.911681	0.58045
0	0	0	0	0	0
5.9403	6.90733	4.62588	5.9417	3.97717	5.30867
0	0	0	0	0	19.4224
89.4896	92.7148	66.0576	101.503	66.9828	80.6157
0.747768	0.559121	0.376832	0.42596	0.0809967	0.251463

0.895378	0.598171	0.907088	0.662532	1.3098	0.977806
0.92556	0.346029	0.699642	0.632685	0.100255	0.233439
2.26858	2.41135	1.00873	0.608131	2.60183	2.52427
1990.25	2261.92	2026.7	2063.33	1857.01	2194.86
19.2578	22.5412	20.394	22.1287	17.3058	16.1627
15.846	16.2462	19.377	12.6164	17.3681	14.2568
2.31941	2.86291	2.82606	2.23418	2.90653	2.46382
2.20105	0	2.79164	0	0	0
0	0	0	0	0	0
24.5942	23.8221	17.9731	20.2356	13.5071	14.9151
2.45196	2.67061	2.60525	2.26119	3.37895	2.49631
1.08285	1.00547	2.19347	1.8626	1.65588	1.26737
15.1838	13.4984	12.6828	10.1225	11.6272	8.69717
28.71	26.3379	34.8387	32.8299	39.1418	32.5319
41.0968	43.9332	41.7404	52.4835	49.7357	45.3022
0	0	0	0	0	0
3.50724	3.50783	2.73082	2.88105	2.65765	2.86
10.5489	11.8619	10.4498	12.8114	9.72874	11.3547
0	0	0	0	0	0
0.893532	1.29905	0.696773	1.64802	1.03684	0.733323
2.20553	1.80579	2.0637	2.08153	2.11551	2.11899
184.967	188.611	153.699	173.135	124.426	155.519
15.7014	14.711	18.2221	14.5196	16.9081	14.8962
10.7077	8.38768	9.85612	8.81328	13.4846	11.2434
0	0.319856	0.323361	0	0	0.215782
0.0461372	0	0	0.078845	0.174912	0.0775763
0.0370099	0.101468	0.0559525	0.0674637	0.024053	0.0248918
0.953088	0.752233	1.00063	1.26681	1.82385	1.65596
6.0268	7.30838	6.57077	7.79053	4.36881	6.06068
58.5611	54.1108	54.84	54.0272	46.4467	57.9159
16.3234	15.2083	17.3561	14.0802	16.9734	13.2298
38.0308	152.717	10.4159	200.341	47.5588	6.25558
27.0092	28.032	32.2935	26.6501	35.5124	35.415
0.097407	0.121389	0.122719	0.332922	0	0.163783
8.39872	11.1546	10.1785	8.47595	11.0805	7.62285
4.98926	7.5714	11.9907	10.0156	26.1263	19.3823
8.00941	5.99523	7.62504	6.72832	12.1496	10.6621
0.083092	0.317708	0.0475836	0.433883	0.106368	0.169349
0	0	0	0	0	0
42.7706	44.2586	45.2247	42.9631	37.8485	35.4762
0	0	0	0	0	0.0589437
2.50168	2.17856	3.72135	3.88029	2.57918	3.11679
3.22055	3.16686	3.97289	2.90471	4.64216	3.67353

40.5692	39.2704	40.2841	47.0124	37.2589	43.373
0.170197	0.0941684	0.220999	0.204762	0.209824	0.0435615
0.249155	0	0	0	0.53976	0.104734
131.137	132.486	117.842	131.093	117.693	120.85
12.248	11.0181	14.4333	13.7544	13.1206	12.0271
0	0	0	0	0	0
0	0	0	0	0	0
3.41811	3.75915	4.6443	4.8447	4.68808	4.00653
8.04247	8.92811	4.36739	6.52971	5.00658	4.27445
0	0	0	0	0	0
5.17394	3.99242	3.90249	5.16897	6.57142	5.57254
15.4042	16.3159	17.6736	15.1852	18.2512	19.2709
0	0	0	0	0	0
10.3485	10.0475	9.83026	8.15898	9.91211	8.60179
0.741487	0.984992	0.872602	0.403417	0.803164	0.418632
0	0	0	0	0	0
14.6045	13.828	15.5433	14.1333	16.6259	13.0381
7.8898	8.42765	5.58533	5.0508	6.10434	7.70697
3.67669	5.32073	5.27944	4.14376	1.58344	1.46304
377.042	358.994	310.834	343.344	266.756	377.865
10.6358	10.6538	10.573	10.8277	9.24512	9.48687
2.45486	2.40139	1.73136	1.3957	1.38078	1.37336
0	0	0	0	0	0
126.922	132.747	114.891	134.801	99.6158	121.167
19.9803	19.3011	22.4344	22.1165	19.6221	18.8019
0.404442	0.33601	0.558066	0.438832	0.479806	0.680039
3.50626	3.87101	2.43195	3.2165	1.57492	2.01807
12.4629	12.1091	13.2175	11.6718	15.3681	11.5728
7.00251	6.68909	6.51784	7.04226	7.37472	7.7135
2.74884	2.40576	4.34218	1.41385	2.53831	1.85388
0.0290028	0	0.0365393	0	0	0
10.781	16.0439	9.93404	14.985	10.3373	10.9361
112.123	125.354	103.504	122.418	93.1411	112.744
0	0.0851595	0	0.0155707	0.0296078	0.0114901
1.26562	0.992108	1.59569	1.37118	0.694603	0.579039
0.0283883	0.0707549	0	0	0.0307496	0
30.8161	30.2601	28.6738	25.8987	22.8622	19.2151
8.05979	7.99909	8.29161	7.33722	6.65581	6.70189
4.06129	4.28925	3.99479	3.43419	4.03548	2.99596
0	0	0	0.039721	0.037765	0
106.805	103.241	57.1014	62.3235	44.4618	69.2792
36.6794	38.4895	38.7722	38.2407	33.1057	36.7174
39.141	39.1503	25.6182	31.7431	17.5778	25.9322

12.6796	11.4613	8.7615	8.84428	14.5168	12.3731
207.688	216.969	208.943	201.648	184.006	215.387
0	0	0	0	0	0
22.5437	20.2699	20.5745	24.2418	16.2309	18.5491
0	0	0	0	0	0
0	0	0	0	0	0.175832
2824.32	3373.79	2836.28	3165.07	2654.88	3095.96
445.647	386.833	589.743	450.362	801.57	536.03
119.564	113.615	110.528	107.059	82.6615	93.8816
2.25358	1.23327	1.92925	0.832475	3.79424	1.50669
4.93907	5.12697	4.80022	3.67301	3.85663	3.79642
0	0	0.0250474	0	0.0430698	0.0668574
10.3739	11.3942	10.6648	13.9438	12.672	14.2288
9.06792	8.04769	11.4242	8.0494	8.45731	8.68285
32.2235	29.3845	29.457	31.9203	23.6226	27.0907
11.4827	11.9923	12.8794	10.9443	13.5316	11.8036
0.0990822	0.123476	0.124829	1.24171	0.107324	0.166599
0.618675	0.655343	0.857385	0.599119	1.0052	0.754185
1.59045	1.44147	0.364316	0.98835	1.40952	1.094
300.367	310.218	305.208	278.012	254.54	281.24
0.0386935	0	0.195131	0	0	0.130217
0.631846	0.813652	1.40633	1.87161	1.48287	1.29259
0.807053	1.10187	15.1656	15.3729	2.05594	1.63928
0	0	0	0	0	0
1.93834	2.35062	2.48141	2.03023	2.40434	1.761
11.4538	11.8843	13.6342	13.7358	18.7828	21.4504
0	0	0.019486	0	0	0
26.4	27.4407	27.4463	26.4209	26.9721	25.4443
2.74143	1.64804	2.62683	2.5624	3.35633	2.66183
1.82782	1.84456	2.23456	1.26499	3.41696	1.32042
22.326	22.9657	17.3374	16.0671	14.0537	14.2388
0.122044	0.108637	0.0878618	0.0595899	0.0188851	0.0293155
0	0.0346769	0.105171	0.221913	0.0904221	0.0701813
11.22	11.4401	11.5253	11.5118	10.7377	10.4511
26.0898	26.3997	23.9068	25.824	22.8608	25.2184
2.70619	2.69796	2.45478	2.65148	1.52427	3.13968
0.0345306	0.0430319	0.0435035	0	0	0.0290303
0.0230317	0.0287021	0	0.104959	0.09979	0.0968153
6.3516	7.01927	4.45399	6.09849	4.43517	4.58422
22.9978	21.0405	20.4272	22.855	21.8954	20.3674
0.0552255	0.137644	0.034788	0	0.0598191	0
10.8843	8.94905	13.8932	8.49653	19.0764	14.5197
9.50059	10.5777	8.59242	6.75219	9.25854	8.28772

141.236	172.223	109.058	169.559	105.28	132.784
2.45314	1.73273	2.49926	2.73429	4.69086	4.49704
1.41823	0.530217	2.05477	0.646304	0.844906	0.178848
63.7507	66.2181	58.1167	56.693	55.7539	72.7609
8.25171	7.54396	8.70359	6.65824	7.86098	7.34798
0.0502791	0	0.0158361	0.028641	0.0544613	0.0105676
0	0	0.330543	0.446209	0.211373	0.145823
0.0621038	0.0345802	0.159817	0.133981	0.187496	0.153304
112.999	117.683	130.058	129.584	120.11	122.039
0.0337616	0	0.127604	0	0.10971	0
0.360174	0.138107	0.418862	0.315646	0.360123	0.442558
4.86115	4.6464	4.301	4.02061	5.27805	3.77498
6.47833	4.52515	4.91265	4.32497	8.96145	4.71791
0	0.0381198	0	0	0	0.0257164
95.589	93.6872	100.365	96.9458	93.4114	96.6564
71.257	74.4444	79.7338	68.4056	70.9834	66.1262
0.0114437	0.0570447	0.0720872	0.0260753	0.111561	0.0769671
0.20247	0.358558	0.0805526	0.109265	0.150055	0.125425
7.89309	8.30461	7.61202	6.84979	5.95106	5.87637
0.743537	0.566252	0.546436	0.564733	0.827756	1.12865
3.36919	3.53717	2.18205	2.19058	4.16522	3.41793
0	0.197534	0.599097	0	0	0
0.721491	0.604581	0.407471	0.53854	0.646762	0.475855
42.6673	45.5599	41.6042	43.3493	40.5655	48.5181
0.0962839	0.0899917	2.66868	1.06952	1.64261	1.01184
12.1657	9.90384	12.3001	11.3458	11.8771	9.76514
0	0	0	0	0	0
1.06461	0.963306	1.08586	1.11185	2.07274	1.53411
0.022087	0.0550495	0.0556527	0.0251633	0.0239241	0
0	0	0	0	0	0
0	0	0	0	0	0
0.163605	0.203885	0.226731	0.223671	0.194935	0.233827
5.5161	5.14041	8.97897	7.22983	5.86917	4.04238
0.0539213	0.0223989	0.0226443	0.109212	0.131414	0.0377769
2.74144	2.7677	2.77617	2.39188	4.05954	2.43605
38.3347	43.4619	39.7188	47.3023	36.9122	40.0299
55.0254	58.2816	57.4673	57.7175	52.7209	57.0893
5.18359	4.63149	3.94836	2.24943	5.236	3.93389
27.2114	27.6412	27.7496	27.7109	31.0562	29.0994
1.41559	2.06652	1.17197	0.691181	1.05143	1.25811
9.05209	8.02608	12.1355	8.78846	12.1275	9.20272
10.7124	12.5762	9.85671	10.7991	9.83922	8.6895
0	0	0	0	0	0



0	0	0	0	0	0
9.92361	11.3165	10.246	11.2098	10.498	11.3718
206.312	208.46	198.202	200.674	187.244	194.924
7.63274	7.38457	7.02052	6.86279	7.38561	7.23349
0.0126053	0.0157087	0	0	0.0136538	0.0423901
0.0207505	2.41E-12	3.94E-13	7.22E-14	0.0909555	3.23E-13
5.9527	5.39704	5.07627	5.27637	5.88981	6.85766
84.3746	81.867	63.1006	102.797	86.044	106.515
0	0	0	0	0	0
0.819661	0.680973	0.258163	0.233456	0.0739867	0.11485
0.103699	0.193845	0.217744	0.118143	0.168488	0.0581209
11.5354	9.73336	14.3816	11.0886	13.2759	11.1122
0.0340928	0.0443832	0.055235	0.0902006	0.275415	0.334807
0	0	0	0	0	0
0.585044	0.43252	0.681404	0.494076	1.19961	0.66492
0.700786	1.40923	2.08849	1.85106	1.90543	1.72904
5.22607	4.38823	5.18078	4.25268	4.08821	3.43461
1.37084	0.703435	1.01592	2.20486	1.22283	1.49145
1.26783	1.36132	1.32845	1.28895	1.05761	0.96851
13.3623	12.0392	12.9526	10.9252	17.1761	11.9349
3.40514	3.04606	3.2281	2.64069	2.60195	3.34459
7.29542	6.0305	5.79849	6.50336	6.4678	6.83278
86.9206	36.1068	36.5024	132.036	31.3836	24.3584
0	0	0	0	0	0
4.92648	4.5789	5.60708	4.56704	9.20487	6.9588
0.653885	0.715496	0.944356	0.74496	1.4511	0.670401
0.0374727	0	0	0.042692	0	0
1.23909	1.02943	1.04071	1.09797	1.64041	0.347238
2.29E-07	4.28E-08	2.99E-07	1.68E-08	6.44E-08	2.25E-07
193.905	179.404	96.4998	109.969	79.193	102.888
9.98212	11.4907	10.2094	9.69044	10.0499	10.2598
0.740819	1.04337	0.926931	1.03116	0.805893	1.75987
1.19692	1.30219	0.742006	1.01731	2.24312	2.7313
3.73304	1.93528	3.27587	2.64098	3.26273	2.14683
11.3313	11.4222	13.7797	10.4298	14.4182	12.9838
0	0	0	0	0	0
0.203632	0.0499114	0.3527	0.41719	0.433543	0.311928
3.24303	2.61148	2.43657	2.47541	2.59278	2.83651
0	0.310602	0.314005	0.0946513	0.809912	0.698461
5.20968	3.98144	6.6648	4.59852	7.21174	4.6645
3.6229	3.77788	3.81928	3.30332	4.86334	3.34026
20.1853	21.7775	8.3935	10.2939	12.0515	14.0969
6.3772	7.12637	7.70075	5.99519	6.50638	5.14591

0.921317	0.410052	1.57527	0.824718	1.35436	1.2725
0	0	0	0	0	0
0	0	0	0	0	0
0.0528812	0.263604	0.609128	0.728994	0.977588	0.980308
12.7099	13.2752	14.4574	14.9837	13.3544	12.8378
0.0504773	0.0629048	0.127188	0.158147	0.123021	0.0530461
0.211523	0.285567	0.0888296	0.180739	0.229118	0.0592768
0.591307	1.19744	0.744961	0.926291	0.480369	0.559259
10.3625	12.2433	8.1534	9.33388	12.1867	13.7851
0	0	0	1.66361	0	0
2.14244	0.971056	1.21869	0.392742	1.58506	0.581681
232.883	210.716	215.601	220.696	168.367	185.585
0	0	0	0	0	0
0.443632	0.552853	0.978095	0.505422	1.20133	0.932417
18.5999	18.954	20.6986	22.3096	18.4824	19.2867
3.81672	7.31753	3.14403	5.51903	5.40626	4.81315
0.026218	0.0653456	0.0660616	0.089609	0.0851963	0.0220418
0	0	0	0	0	0
7.84009	7.82801	3.89799	3.51289	9.05195	8.02715
7.9414	6.70079	21.4403	10.0896	13.2544	5.35327
0.0418829	0.0880781	0.228026	0.107362	0.154389	0
29.8375	31.4789	44.8471	41.9216	52.0171	50.9291
9.46136	9.49727	10.5954	7.33554	10.1059	6.739
0.141863	0	0.0893636	0	0.0768318	0.0894497
16.5965	18.0372	16.6589	17.9998	16.7321	14.5979
124.677	121.344	117.698	131.104	94.6966	128.615
0	0	0	0	0	0
6.18849	7.90733	5.5267	5.26552	3.4789	2.6343
34.9821	27.5151	36.3689	24.0829	37.0322	32.002
2.33181	2.17943	2.0401	1.84563	2.80686	1.63412
0	0	0	0	0	0
2.19603	1.89492	1.56672	1.36871	1.83083	1.35452
0	0	0	0	0	0
0.168229	0	0	0.191661	0.364979	0.141432
1.74489	1.99146	1.45651	1.29941	1.99956	1.23962
0.34551	0.406653	0.507841	0.502976	0.582165	0.177512
4.62556	3.30056	4.13567	2.37992	4.72747	2.19527
0.440884	0.588675	0.7935	0.574048	1.09156	0.476559
0	0	0	0	0	0
6.09481	5.19681	8.4443	6.17433	6.89437	6.86982
0.581514	0.536944	0.426987	0.897226	0.872858	0.473085
0.777558	0.70811	1.80851	1.09029	2.20277	1.30741
41.6656	41.3124	40.3946	37.7709	42.4479	38.1607

5.49755	5.17804	4.28628	4.2051	6.00358	6.93505
7.13245	7.25681	7.25681	8.2797	10.2616	10.3829
61.5448	153.394	155.075	105.175	66.6641	129.354
5.95615	6.61546	14.3296	13.8034	10.9834	14.2893
0	0.0622448	0.0629269	0.113809	0.0541024	0
18.3951	16.5874	15.8269	17.4645	7.85689	8.67548
1.07316	1.16591	0.797348	0.893463	1.08791	1.20296
45.0043	43.7055	41.2118	39.1691	41.529	40.0129
0	0	0	0	0	0.126641
0	0	0	0	0	0
34.6108	30.8616	18.4192	21.8233	20.9426	31.6563
0	1.07982	0	1.75553	0.280132	0.671938
2.36705	1.84882	2.38361	1.78516	2.81672	2.61363
84.8473	85.2808	79.8281	90.376	69.4542	80.3495
0.106843	0	0.201909	0.0608619	0.289324	0.0449119
23.7835	97.1883	29.9638	534.431	23.1657	49.6519
3.03889	2.25177	6.00153	4.21127	6.31644	4.48822
9.74481	10.4091	13.689	10.4973	11.6288	8.72817
0.956561	98.2756	4.97251	397.028	20.7226	56.3659
30.7674	29.0837	27.4806	26.3713	28.8973	30.639
31.0746	33.064	32.8898	28.1734	30.2611	32.2949
0.0782397	0.0243756	0.0985704	0.0222843	0.0944226	0.0142105
0.00687605	0	0	0	0	0
2.81015	3.3254	1.66733	1.85911	1.6294	0.485324
14.9088	17.7556	15.3594	14.4752	14.5579	24.0184
0	0	0	0	0	0
59.265	0	199.107	0	0	33.2165
0.500401	0.695904	0.687809	1.01377	1.04429	1.0756
0.107944	0.134519	0.475976	0.122978	0.116922	0.136124
0.31798	0.980668	8.11E-06	1.13622	0.355741	0.838117
11.8292	11.3309	12.2923	10.6865	14.169	12.2107
11.0966	9.66399	9.66399	9.20729	8.99625	8.72596
12.7953	13.6059	11.9471	11.8707	14.8747	15.3143
0.0661864	0	0.333541	0.15081	0.0716918	0.333862
0	0	0	0	0	0
0	0	0.114945	0	0	0
4.3521	4.61257	3.94572	5.37532	5.28684	3.62467
58.6153	61.2637	48.0842	35.7168	34.1961	44.5502
9.31555	8.42729	8.24783	7.3513	8.09718	6.81623
0.677752	0.871853	0.881407	0.730648	1.01036	0.526917
97.4816	108.177	76.4831	93.6239	93.4608	98.0319
46.2045	0	0	0	0	0
7.62736	6.97705	8.23185	6.39347	8.81829	8.06258

0	0	0	0	0	0
15.651	9.18325	16.6781	14.1161	22.6744	13.3225
0	0	0.346502	0	0	0
0	0	0	0	0	0.033884
0	0	0	0	0	0
23.8399	23.1149	28.0769	26.2411	31.4097	24.9034
0	0.0752224	0	0.137538	0	0.202987
4.58882	6.43699	4.35772	5.91101	2.67259	2.90795
3.32488	3.00581	4.28571	3.64564	4.38209	3.79703
5.15206	6.01968	6.23222	6.54788	5.20261	5.36101
0.0795248	0	0	0	0	0
0	0	0	0	0	0
0.0287711	0.107563	0.144989	0.0327784	0.0311642	0
9.29606	9.9177	8.04207	9.4735	8.78714	8.70502
0	0	0	0	0	0
14.3447	14.223	14.1533	13.5127	14.1077	12.6806
1.41083	1.82562	1.71744	2.10538	1.11013	2.07999
2.17914	0	0	2.48265	4.72079	3.66405
0.143865	0.179284	0.181248	0.163902	1.09082	0.725692
3.96354	3.59226	6.35534	7.06074	8.19616	8.54254
0	0	0	0	0	0.112712
1.42338	1.25163	1.67303	1.33078	1.22935	1.47715
21.721	21.1378	19.0612	19.869	19.1241	16.5425
1.17727	1.1047	0.557156	0.506297	1.12312	0.856736
1.31034	0.407773	1.82	0.594979	2.47298	0.958242
65.8726	67.1272	78.8548	79.4732	40.57	50.2453
1.84748	3.35481	3.39157	2.34534	3.94512	3.63891
0	0	0	0	0.0801643	0.0622197
1.97643	1.81973	2.58014	1.36806	2.94954	2.0768
5.56883	10.3061	2.80128	6.25543	7.88616	3.56273
22.4239	21.5617	16.3088	19.0049	19.8973	20.9348
10.8495	7.54312	9.49625	12.1005	9.15419	13.0579
0	0	0	0	0	0
0.806207	0.789402	0.362751	0.262428	0.935643	0.435721
6.20583	6.98891	6.72083	6.43112	6.96038	6.89493
0.014824	0.0738948	0	0	0	0
11.0817	10.8037	9.12298	12.1761	11.3546	10.9267
2.97132	2.44682	1.71509	1.16324	4.14008	4.18172
30.463	31.5533	26.8187	30.2492	31.2504	33.5721
0.247906	0.260939	0.505971	0.457548	0.690505	0.668798
0	0	0	0	0	0
76.7783	84.0397	106.71	123.21	102.475	99.0812
50.3436	56.8645	54.1813	55.5683	50.7262	43.246

20.4874	18.166	21.6991	16.9592	15.8135	17.0942
1.61619	1.7689	2.03616	1.50506	1.58317	1.31149
0	0	0	0	0	0
2.76484	2.70469	3.07909	2.67691	3.21969	2.61003
131.896	132.186	132.38	116.297	109.101	111.437
20.0611	19.3793	24.2563	22.4206	23.1638	20.035
0	0	0.229357	0	0.197193	0.153052
2.06604	1.75895	2.06171	2.09745	2.19357	2.51083
4.46136	4.09493	3.94308	3.81437	4.54376	3.77359
0.192858	0.721017	0.121486	0.219719	0.313349	0.243207
0	0	0.0414182	0	0	0.0276388
0.124875	0.116751	0.196626	0.0356323	0.105182	0.0524616
14.1629	14.4407	12.328	14.6687	13.5279	12.6646
55.8386	58.7802	54.2441	60.4449	64.4237	62.177
0.352557	0.244087	0.394819	0.446292	0.233373	0.312866
0.0365457	0.0910864	0.322296	0.749446	0.514612	0.614488
0.18339	0.15236	0.077015	0.139289	0.13243	0.256964
0	0	0	0	0	0
0.0564632	0.0879554	0.0355677	0.0964912	0.10703	0.0830712
11.4701	7.42624	7.5971	9.01302	8.23737	7.32571
0	0	0	0	0	0
1.45179	0.818457	0.544359	0.866382	0.636509	0.421377
2.84328	2.92189	2.82025	3.65025	3.97613	3.14852
28.2978	25.7894	30.8424	30.2635	28.0672	29.6484
0	0	0	0	0	0
24.1057	21.2216	23.9737	21.1671	23.3293	22.007
0	0	0	0	0	0
12.3883	11.391	13.3302	10.8658	13.4824	13.4295
0.292191	0.442155	0.210353	0.190222	0.0678204	0.0877316
0.0340409	0.0424217	0	0	0.0737448	0
1.09171	0.748267	0.962775	0.497506	0.886887	0.458906
23.9948	24.704	30.1335	23.1513	26.198	24.5805
0.169803	0.169287	0.0855709	0.116072	0.294284	0.399716
2.5421	2.32046	4.33772	2.89561	5.58377	3.21669
0.491703	1.22552	0	0	0	0.413381
0.0619851	0	0	0	0	0.0521116
6.69154	6.60589	9.31911	8.81761	6.74601	6.57457
0	0	0.0422869	0	0	0
7.84491	9.86096	8.12924	8.89888	10.2264	10.0785
40.1625	48.78	38.44	50.5496	42.0202	48.0581
5.61413	7.47065	6.23382	6.03494	8.45171	7.51979
0.203499	0.124819	0.730244	0.432782	0.265199	0.356633
543.389	376.789	604.876	514.39	589.386	631.786

0	0	0.0452388	0	0.155579	0
134.657	143.108	159.838	203.393	140.53	172.412
10.9315	10.5037	11.4881	9.66423	11.3425	9.55421
18.904	20.2694	19.8808	18.8372	20.2139	18.2699
0.217973	0.0270886	0.35601	0.173352	0.306085	0.165042
13.1514	12.8893	15.2816	11.5264	17.7512	13.0531
75.9254	79.0096	80.2486	79.8277	77.0378	79.1431
21.2144	19.8794	20.2011	16.6139	22.4251	18.0155
50.0858	58.9069	49.987	69.0603	46.0279	55.9034
0	0	0	0	0	0
3.06915	3.82522	2.1405	3.65099	2.71847	4.28462
12.9946	12.5132	14.0203	13.2437	11.5949	10.588
1.11074	1.16437	0.995035	1.62961	0.790141	0.613276
2.61512	3.61939	3.93195	4.45556	3.20493	3.79512
0	0	0	0	0	0
0	0	0	0	0	0
31.9136	38.7402	36.8827	32.3092	28.8403	25.6073
0.0234536	0.0292279	0.147741	0	0.228641	0
2.44461	3.01195	4.4977	4.12093	4.48335	3.99735
0.031999	0	0.040314	0	0.0346606	0
24.2504	26.1262	28.3255	24.8417	27.3366	23.0526
0.830686	1.03504	0.78487	0.473135	1.12462	0.698258
23.0102	23.7395	22.1722	24.6575	22.5983	27.4982
23.0368	21.6223	21.0937	22.8039	23.0196	27.4622
0.558716	0.522204	0.175975	0.318268	2.11817	1.1743
0.120091	0.0498859	0.504325	0.319242	0.520322	0.370195
35.0545	34.3903	35.8536	37.4315	32.5081	36.8836
23.1312	24.1711	24.5324	24.2426	23.795	24.7877
0.18393	0.651262	0	0.588067	0	0
16.0322	20.4726	31.4656	40.8056	0.653223	0.493247
29.4226	31.1647	28.5557	33.1373	26.8547	29.066
1.48002	2.04537	2.12492	1.35407	2.32405	1.63617
11.3354	11.3828	12.9672	11.5502	13.1359	11.2994
0	0	0	0	0	0.3879
0	0	0	0	0	0
0	0	0	0	0	0
0	0.286696	0	0	0	0
0	0	0	0	0	0
24.9056	25.3814	37.6612	27.075	37.647	34.2509
36.9905	37.7925	41.2275	33.3743	46.7348	38.2579
0.980181	0.777318	1.01036	0.482213	0.953128	0.571217
367.782	349.054	388.211	444.841	285.067	402.5
28.2214	30.7046	28.1938	31.1474	24.27	29.5185

0	0	0	0.0825907	0	0
0	0	0	0	0.0439357	0
1.42464	0.630354	0	0.538599	0	0.318956
2.60871	2.67069	3.02509	1.71293	4.39959	3.44777
0	0.0255101	0	0.0233215	0.0221731	0.0344193
20.2932	20.8345	13.1727	20.6393	13.0723	15.5016
3.39684	3.28111	2.8788	2.65769	2.57853	2.50597
27.9735	22.0909	25.7176	23.0229	29.5575	22.4023
1.65E-07	1.85E-07	1.67E-07	6.23E-07	1.52E-07	5.61E-08
0.416246	0.259362	0.874015	0.079037	0.375724	0
1.19545	1.33825	1.52145	1.32012	1.63566	1.318
0.88138	0	0.277603	0	1.67071	0.185247
21.7953	23.445	18.9971	25.4578	25.7629	27.6567
20.5886	25.62	25.8915	27.9432	16.0469	19.8002
0.634732	0.464868	0.422966	0.59498	0.28284	0.188166
0.436755	0.556654	0.0859755	0.932812	0.301838	0.157904
0.540596	0.505267	0.919447	0.461919	0.731953	0.522658
9.05734	9.95733	10.0664	9.38363	10.5517	9.13294
8.09261	7.13482	9.6667	7.32608	9.43864	6.93059
8.15451	9.76798	9.32408	9.96248	10.1064	8.29292
522.681	402.843	187.899	220.408	155.098	206.998
0	0	0	0	0	0
5.90122	5.03175	9.61477	4.29676	5.76729	1.4921
0	0	0	0	0	0
10.9984	9.82499	19.6472	18.5102	32.2265	20.8876
22.2793	25.1078	23.9177	26.9903	20.1305	19.2343
0.644361	0.267667	1.0824	0.367054	0.581632	0.180574
0.111065	26.8167	0.218634	173.774	0.300758	9.01061
2.5699	1.62599	2.44171	1.59453	2.73771	1.82706
0.420016	0.249931	0.691476	0.358809	1.2198	0.493522
29.3495	30.8795	32.964	34.2926	27.1607	30.668
13.9564	14.4174	12.2619	15.3773	15.3496	17.3684
0.593046	0.439437	0.411984	18.6686	0.329869	0.377305
199.164	208.473	140.359	192.605	139.83	190.41
3.1162	3.01133	3.501	3.02857	4.6473	3.05776
6.59243	6.86567	6.33442	5.45398	5.35921	4.84533
1.3788	1.54292	1.77253	0.961739	1.67636	1.32477
0.507081	0.631924	0	0.577709	0	0.106577
28.3245	23.0369	25.7309	23.0982	24.3832	23.938
0.0486875	0.109505	0.23174	0.118651	0.125007	0.110062
0.776308	0.642245	0.734675	0.884434	1.0853	1.08642
5.90802	5.90737	7.04043	5.49558	8.23646	7.91204
0	3.48519	0.0354599	45.671	0.0304872	2.2401

1.68169	1.16877	2.36315	0.994807	2.312	0.978798
0.311853	0.418093	0.721662	0.571372	0.137619	0.421633
2.36468	3.02651	2.33501	2.40279	2.6306	1.98802
0	0	0	0	0	0
271.707	281.564	279.479	244.108	288.775	276.631
18.0478	17.2517	17.036	16.6278	16.4984	16.6575
49.7994	52.4936	50.1954	49.1167	48.6874	50.7641
0	0	0	0	0	0
0	0	0	0	0	0
15.192	14.1492	14.8512	13.4421	16.9268	15.788
38.1503	39.1923	30.4851	40.5246	32.8736	35.5425
1.42705	2.52897	0.585339	1.48872	1.28484	0.677973
0	0	0	0	0	0
14.3382	15.9718	14.0381	15.0852	13.7167	14.1334
9.13889	9.91509	9.30796	8.24751	9.81224	7.35304
3.69658	4.76461	2.52817	2.81565	2.9058	4.81259
1.92799	1.73684	2.21793	2.4393	2.92227	2.46106
4.68117	3.98273	4.08066	3.68418	4.43505	4.20006
7.75505	7.5865	6.83916	7.50991	9.22612	8.67128
0.582577	0.871208	0.880755	0.265488	1.64069	0.293868
0	0	0	0	0	0
0.0431085	0	0.16972	0	0	0
3.12312	1.90076	3.56866	3.72361	5.11369	2.56458
0.0336643	0.27426	0.103001	0.495742	0.358195	0.243075
24.7688	24.3953	29.7939	20.8957	27.2702	26.0774
0.220818	0.293344	0.464639	0.243986	0.457227	0.310238
5.6241	5.35267	5.70032	4.34372	6.80306	5.0674
0.447499	62.8312	0.59554	567.68	1.21181	31.3516
0.24504	0.534396	0.231536	0.27917	0.265423	0.206008
5.2044	5.53471	4.49113	4.41924	4.44439	3.8478
2.02708	2.58737	3.17623	3.04148	1.87409	3.11709
0.349396	0.26125	1.05645	0.398061	0.605534	0.117497
6.49338	8.28357	6.48648	7.79177	13.8589	6.29892
0	0.127647	0.258092	0.116696	0.110949	0.0861135
14.856	13.7682	13.7501	15.7032	12.7804	15.6909
17.4874	16.7986	15.7525	17.2999	17.837	18.7939
119.535	125.981	105.769	128.751	85.5179	122.108
5.23353	5.81239	4.0697	4.53924	3.39898	4.95874
4.44337	4.99464	4.45814	4.62393	4.91828	4.45711
9.20829	9.57043	11.0861	8.46789	10.4361	9.62864
0	0	0	0	0	0
6.0805	6.59417	4.97058	5.94911	4.55006	4.62417
8.5725	8.90256	9.00011	8.57284	9.05342	8.20796



240.16	332.485	181.574	301.142	52.7046	77.6543
11.2181	11.1239	13.158	12.4714	12.2928	10.4707
0	0	0	0	0.120769	0
11.494	9.34094	11.9908	9.01397	10.6396	8.85487
0.768959	0.794718	0.869247	0.996026	1.04963	0.60641
0	0	0	0	0	0
12.6194	12.3895	9.88532	11.1144	11.475	11.6076
0.939476	7.64E-41	0.623611	0.947202	6.58E-33	0.486733
0	0	0	0	0.0235096	0
26.7116	27.4569	26.5272	26.5245	24.8739	27.88
0	0	0	0	0	0
51.3185	43.274	51.2288	47.383	58.7455	57.1391
0	0	0	0	0	0
8.54242	8.72172	7.02542	7.35569	8.51077	6.22134
7.13069	6.05185	7.8994	6.19795	8.38966	11.5246
8.03736	9.1174	7.63881	8.17295	9.31191	8.67268
1.0587	0.883831	1.77226	0.536072	0.621955	0.988276
221.797	213.334	126.544	109.094	121.643	186.975
9.97481	12.0618	12.0618	11.8422	11.7465	11.2037
1.9619	2.9339	3.35054	2.43384	3.02235	2.74899
22.0858	24.578	23.1386	23.5949	22.369	19.443
54.5732	64.1854	62.798	69.8233	55.616	62.7716
0	0	0	0	0	0
54.0966	59.101	55.1395	66.9719	57.6843	61.4024
123.19	136.628	111.652	103.893	94.952	115.298
13.6324	13.6771	14.3577	11.1007	13.2803	11.9331
0	0	0.0488803	0.0884047	0	0
13.9198	14.4805	17.3694	13.4503	16.2441	14.7763
0.945297	0.763982	3.21822	2.64824	2.37949	2.08307
12.0814	11.1043	11.274	9.8216	10.0232	8.24093
0	0.0421478	0.0426096	0.0385318	0.109903	0
29.3551	31.1778	25.0766	19.4065	21.3971	21.2545
22.979	34.2532	28.8053	31.4604	22.1143	28.8854
12.0766	10.9848	14.9359	11.9167	15.4565	11.7652
0	0	0	0	0	0
0.33783	0.245585	0.638424	0.0641473	0.426919	0.497031
0	0	0	0	0	0
3.25335	4.05433	2.58869	2.92618	2.96755	4.03072
5.00936	5.12943	5.01995	3.26846	4.38565	4.16991
0.24677	0	0	1.12457	0	0
11.9239	12.2432	14.3892	11.9871	14.6718	12.8255
0.182497	0.090971	0	0.0831663	0.0790708	0.061371
63.0051	62.9334	64.3804	58.8126	58.8252	61.8648

36.671	37.2332	42.8549	37.9905	32.1812	29.1405
0.92542	1.39318	0.788512	0.916679	1.17675	1.51278
0.0808642	0.100773	0	0.184254	0	0
1.83712	1.53433	3.17318	2.11026	2.53592	2.86952
3.377	2.75317	3.06167	2.84057	2.49557	2.36148
0.368685	0.530139	0.14292	0.258484	0.153597	0.0715287
0.485378	0.159348	0.410357	0.0595505	0.680217	0.38779
12.0769	11.6455	13.2595	13.1223	11.5177	10.8318
0.0557283	0.046299	0.0468063	0	0.0603637	0.0312343
27.0267	25.2993	27.7341	21.8111	18.4896	16.6431
0	0	0	0	0	0
85.0133	92.9628	76.6609	75.098	67.7719	65.1914
0.679293	0.386987	0.220065	0.0663349	0.420455	0.163169
4.61513	4.23523	5.63142	3.3363	5.47561	3.91639
82.8952	85.6329	76.3533	92.6791	57.128	60.2309
0	0	0	0	0	0
49.746	48.6993	43.6231	52.8373	39.4312	49.8888
14.1138	14.4971	17.6558	11.06	18.9366	15.1023
2.21552	2.90736	2.02543	4.75867	4.28199	3.21435
3.0726	3.8023	3.6545	3.74534	6.77248	5.04437
8.50872	9.27462	8.98027	7.53255	7.83036	8.04992
26.9888	26.6549	36.6059	34.1056	33.8576	28.6144
15.0588	15.3157	15.6437	16.8021	17.3518	16.4605
1.57676	0.982477	1.32432	1.94607	1.42326	1.54653
10.5485	10.2861	10.9995	11.2369	10.845	11.9746
1.97951	2.71979	1.87851	2.38285	3.45396	3.54184
0	0	0	0	0	0
11.8972	12.2286	11.5945	10.0592	14.452	10.7211
1.10916	1.84297	1.44913	2.71449	1.11242	1.83042
0	0	0	0.0255341	0.0182075	0.0376904
0.907033	1.02371	0.862437	1.30633	1.44591	1.49633
0.196391	0.0474864	0.247085	0.138162	0.179569	0.100955
2.77823	1.728	3.20863	2.30693	3.19322	1.062
44.1289	40.2916	40.279	36.5496	45.0466	44.0913
8.59361	7.59548	7.50453	8.09751	8.63122	7.12759
14.4142	17.9111	16.5229	15.1215	11.7057	14.2597
3.43839	2.89232	3.95283	3.13384	3.25884	3.50497
11.075	10.4481	13.3806	10.6833	13.2796	10.7656
174.678	210.622	161.637	202.279	140.415	190.066
5.81096	7.59274	7.18509	6.52583	7.69021	5.93287
3.34829	1.04316	2.4607	1.27155	2.11563	4.69157
8.04721	8.61812	9.12582	7.50387	8.37015	8.35672
20.6041	17.0005	23.1051	20.6674	30.5377	25.5286

81.7686	94.4752	93.7785	95.1745	140.136	205.473
10.6537	11.8365	11.3479	9.45032	13.3917	11.8313
4.71508	4.84613	4.40931	4.34729	4.5281	4.76092
0.0549883	0.137053	0.138555	0.34456	0.446717	0.369835
13.0133	13.8933	12.2688	12.4166	12.7566	14.5599
5.10594	7.24991	4.64008	9.19598	24.039	37.714
4.04167	4.00518	5.60102	2.97691	6.16834	3.61457
31.8298	30.8883	31.5659	33.0051	29.9252	35.7896
36.2802	58.2637	53.5318	85.8706	74.9674	29.2772
0.339585	0.442974	0.488275	0.607454	0.489931	0.312292
34.4515	31.5498	35.0579	35.6954	34.9751	39.1612
0.117524	5.00E-09	0.231178	0.140595	0.1024	0.0659801
1.73371	1.44436	1.31508	1.18922	1.37714	1.75049
0.186309	0.348267	0.352084	0.530647	0.807225	1.09643
0.487175	0.0843209	0.421021	0	0.0732906	0.255983
14.9157	15.8529	11.4399	14.0803	12.9537	15.0798
2.93166	2.38597	3.18434	2.30173	2.45739	2.2861
0.102365	0	0.214941	0.0777482	0.332638	0.114746
0	0	0	0.250079	0	0.369082
1.7438	1.78782	2.71111	2.07122	3.42941	2.50578
0	0	0	0	0	0
14.6015	14.2829	13.6108	14.4093	13.5542	12.9768
0.0343248	0.256653	0.0864886	0.27374	0.14872	0.144287
0.0499468	0	0.0209752	0.0379357	0	0.013997
0.655802	0.535119	1.00654	0.334632	2.74047	2.54761
0.708554	0.511216	0.445266	0.344424	0.502983	0.525243
0	0	0	0	0	0
0.0386285	0	0	0	0.0418416	0.0324754
41.1957	40.8646	44.5121	40.3916	44.5322	42.849
27.8327	28.4899	22.4181	25.6261	34.3922	35.8602
7.37638	6.63217	7.03606	6.11754	7.0789	4.9803
6.44589	6.82875	6.42197	5.62572	5.99279	5.82976
21.7114	21.2138	19.744	22.9686	19.7572	20.1025
0.00748869	6.26E-06	2.86E-07	1.14E-06	7.88E-07	4.94E-07
0.526538	1.6273	0.636827	2.49548	0.365015	0.63744
16.6953	20.4589	19.0471	17.6821	20.0598	16.5832
12.584	11.8347	12.3191	10.4666	13.9255	10.7452
0.0671858	0.0837269	0.111757	0.0143516	0.0409354	0.0432455
16.4355	17.1542	17.9926	17.2315	17.2093	18.8088
0.181147	0.270894	0.319506	0.103189	0.0588643	0.0609169
0	0	0	0	0	0
10.483	10.0397	12.8164	12.9838	8.15001	11.2031
2.22354	1.77818	3.21673	1.59997	2.54531	1.2691

1.63033	1.65744	1.80762	2.11817	1.39414	1.41886
0	0	0	0	0	0
7.33354	7.61205	8.11331	6.11928	8.96143	6.64561
0.326224	0.161839	0.468114	0.15037	0.328679	0.228685
72.2654	71.3241	72.9523	69.2233	59.3251	67.8885
21.2809	17.3555	28.4901	18.0135	27.8803	19.1663
9.16505	8.42826	13.0255	9.25855	15.522	7.77349
12.5642	13.1707	13.5499	14.9756	15.1164	14.1854
0.169869	0.399859	0.237788	0.0645094	0.0204442	0.0158678
15.3972	13.8773	21.7452	14.2944	21.4452	12.7684
9.33581	7.17221	9.04946	6.1762	8.28526	7.22002
134.891	119.3	120.198	133.394	113.451	122.104
1.9147	2.50108	2.26692	2.28651	1.22439	1.6291
0	0	0	0	0	0
0.232864	0	0	0	0	0.0652571
33.3071	23.1085	27.3598	68.6104	42.2968	225.747
5.05136	3.0443	7.6159	5.8021	1.6594	1.39237
0	0	0	0	0.0404319	0
7.07938	11.8257	4.93391	15.0326	3.68728	9.49744
1.48132	1.4931	1.85252	1.74969	2.13545	1.92299
12.8556	13.5654	10.2789	11.4045	7.58979	8.64307
0.18995	0.372141	0.32264	0.24335	0.547019	0.385237
0	0	29.1055	0	0	0
30.6154	36.1338	32.9425	34.5802	37.1945	38.0006
1.80944	3.17883	2.4091	2.92079	1.4992	0.864675
0.614219	0.246852	0.80577	0.503173	1.44601	0.597455
2.53458	1.57929	1.67643	1.11895	3.67198	2.02431
0.024208	0.120684	0.162682	0	0.0262216	0.0916013
5.14857	5.09152	7.03048	9.08235	8.05942	7.42821
20.7538	17.012	23.6018	19.2951	21.8792	18.1851
0	0.335409	0.0868055	0.0981225	0.0466453	0.0362038
10.1109	9.98941	9.83106	10.1009	7.95908	9.6491
649.211	771.715	696.03	707.825	637.107	701.507
0.270118	0.252465	0.482104	0.538546	0.682701	0.548804
2.75354	2.85253	3.5501	2.61195	2.97742	2.75766
0.0261434	0.0162899	0.0329369	0	0.014159	0.0329686
0	0	0	0.0644474	0	0.0951155
102.453	104.655	76.8615	89.2291	67.8329	85.2416
0	0	0	0	0	0
2.27941	3.43862	1.51143	1.09343	2.27409	2.06762
9.23443	9.3912	10.5641	9.38952	11.1039	9.62728
19.9459	20.3513	20.1555	18.842	16.4288	19.843
3.89569	4.21539	5.03968	4.25426	6.05171	4.79291

23.7138	22.18	22.7881	20.7821	22.8425	20.1514
0	0	0	0	0	0
3.11149	2.39673	2.04195	2.11726	1.07108	2.16178
10.1019	11.9363	10.5125	7.00179	14.9947	15.5499
1.30439	1.02587	1.0406	0.758528	0.673881	0.431255
124.806	90.8197	123.081	93.8262	181.441	112.993
1.57518	1.87972	1.77945	0.941438	2.67573	0.958578
0.778804	1.07011	1.10194	1.14664	1.44058	1.06775
0.186772	0.232755	0.705916	0.851144	1.01154	0.785107
89.1779	92.1237	77.8862	93.0145	62.9311	86.4625
0	0.0468814	0	0	0	0
2.01515	1.67419	2.15413	1.73927	1.98434	1.79684
28.8843	30.0078	28.9724	29.9647	33.5132	29.4903
1.20305	1.25417	1.07846	1.70009	1.20288	1.1184
15.3189	14.6151	17.2993	13.4581	19.4183	14.3486
139.99	119.964	83.2865	75.3158	51.6455	66.9958
7.51561	7.41279	7.78942	5.53956	10.2662	7.98887
64.4811	63.0679	63.3462	67.2371	72.8154	74.7426
0	0	0	0	0	0
29.1493	29.5914	24.3426	29.9112	23.4885	27.5349
0	0	0	0	0	0
0.0910926	0.227039	0.229527	0.622681	0	0.229748
0.12501	0.389469	0.511858	1.17498	0.304669	0.761958
38.398	38.518	35.9333	41.1485	33.1174	34.9121
7.38375	7.02981	3.81342	3.47459	4.14799	5.51359
0.333305	0.5742	1.16318	0.598219	0.485644	0.689371
11.5533	13.509	13.2206	13.2321	14.1034	10.9978
0.423058	0.360726	0.0561044	0.177573	0.0964733	0.0935974
0	0	0	0	0	0
2.44543	1.73641	2.7572	2.64084	3.78352	2.74738
6.81451	7.16867	7.7809	7.42793	8.17932	6.49292
0	0	0	0	0	0
0	0	0	0	0	0
70.5195	78.012	64.2635	77.7579	54.8617	70.6657
0	0	0	0	0	0
0.0379917	0.142035	0	0.0432832	0.164607	0.0638801
0.532793	0.310352	0.462799	0.32677	0.701255	0.528304
5.91789	5.37729	6.23099	4.91617	6.80206	6.32447
11.8205	11.0975	10.4519	8.22857	12.2275	10.3395
0.0836111	0.10771	0.107189	0.122546	0.224741	0.128757
0	0	0	0	0	0
33.5992	31.2921	32.029	29.0147	26.5695	28.7731
0	0	0	0	0	0

0	0	0	0	0	0
2.38802	3.31458	3.25623	4.67529	3.89937	5.83298
3.67377	5.47206	4.65483	6.65875	2.62855	2.46508
189.544	226.099	206.354	221.896	154.515	176.093
4.00239	4.2649	4.0924	3.899	5.21493	6.60779
40.2592	39.6814	42.9033	41.0718	41.1783	39.6203
0.393607	0.286132	0.661183	0.560537	0.994809	0.33091
2.89964	2.79967	2.00757	2.47019	3.11253	3.82135
0	0	0	0	0	0
0	0	0.184005	0	0.474604	0
7.65994	7.71868	8.78337	9.20408	8.45914	8.90504
8.51048	8.94225	6.52145	6.43407	9.58475	8.80012
7.49428	8.14153	7.92153	9.08827	9.33343	9.64562
57.354	62.2005	62.4044	63.6144	55.4501	52.7212
6.05723	5.52631	6.79849	5.15464	4.57513	3.8068
0	0	0	0	0	0
0	0	0	0	0	0
1.00203	0.832485	0.420804	1.77581	1.20598	1.31043
0.426185	0.265555	0.604047	0.485545	0.346226	0.582235
0	0	0	0	0	0
0.560857	0.384417	0.671268	0.51118	0.789761	0.707279
8.40832	9.41378	10.0886	7.84585	8.58731	6.95691
51.6102	48.4421	53.5713	48.2364	48.7867	46.9488
13.6775	12.0089	17.196	13.0874	15.6263	13.3519
0.0202047	0.43474	0.500649	0.397427	0.151058	0.0522591
149.209	160.751	143.917	164.158	140.608	145.957
0	0	0	0	0	0
0.172288	0.315485	0.372099	0.288418	0.0457026	0
7.57804	7.00034	7.52677	6.36018	6.33712	6.44731
18.0718	15.8407	18.6231	14.6175	11.7326	14.3325
1.01304	1.28999	1.48546	1.90571	0.681616	0.75506
0	0	0	0	0	0
2.45171	3.96366	2.25399	2.26475	2.5121	3.28675
4.62213	5.7601	4.05238	8.22218	5.32862	4.11312
0	0	0	0	0	0
2.47706	2.46952	3.24556	1.69324	3.43436	1.74929
0	0	0	0	0	0
0	0	0	0	0	0
32.2557	36.6653	34.7856	35.2778	35.9012	33.7838
7.79719	8.86662	7.88935	9.21634	9.65985	8.19399
63.835	70.288	62.3972	65.2907	52.0418	68.7085
35.8167	34.6914	31.1747	28.4262	26.8714	31.2578
11.8955	12.7954	11.3989	13.5541	12.5501	15.6943

3.58189	4.13713	1.98116	2.28922	3.12279	2.79099
50.2123	45.4187	50.3121	37.9799	45.3334	58.0135
0.0122153	0	0	0.0278334	0.0132314	0.0102696
8.80332	12.5417	9.90531	9.7735	8.6745	5.95883
0.48562	0.172908	0.437008	0.237111	0.676303	0.524914
2.12E-21	5.55E-10	3.96E-07	1.30E-09	2.66E-15	4.96E-18
18.7611	22.2726	21.2726	17.4368	15.0808	17.1009
0.398952	0.165724	0.16754	0.606025	0.288091	0.670807
0.8639	0.378526	0.946514	0.54475	1.59111	1.10115
0.440251	0.235171	0.118879	0.46581	0.408846	0.211504
5.89845	4.13094	4.32974	2.20761	5.83466	3.56549
0.23572	0.275339	0.307245	0.337145	0.505146	0.213266
6.76492	6.35093	8.29554	6.83368	7.57188	7.65897
0	0	0	0.147379	0	0
0.348121	0.100114	0.404844	0.244066	0.377077	0.292669
101.517	108.363	117.002	143.244	115.854	120.526
0	0	0	0	0	0
11.2896	10.1897	17.9066	15.4781	18.4949	10.7216
3.33378	3.4966	1.73895	1.67564	2.12417	1.80086
0	0	0	0	0	0
0.916429	3.71167	3.17506	1.30509	1.48899	2.11875
18.7202	19.4747	21.7975	18.7047	16.9775	20.7432
3.6232	3.12705	4.37266	3.32632	4.99145	2.99678
0	0	0	0	0	0
15.5216	14.8233	14.8725	14.1412	16.3519	14.0998
2.08222	2.40951	1.45218	1.69446	3.1012	2.12567
0	0	0	0	0	0
16.6623	17.5152	13.4243	12.1956	20.4106	19.1659
14.8988	14.7791	16.2574	15.1074	14.2274	14.1139
0	0	0	0	0	0
321.697	326.403	297.765	316.508	206.042	276.265
0	0	0	0	0	0
2.83844	2.62073	3.1996	2.25187	3.88363	2.7148
46.4214	54.1822	44.3558	51.3164	41.1623	54.2179
21.2967	24.9555	24.1924	26.868	21.4362	22.8354
0.226836	0.0418789	0.127014	0.0717862	0.0682512	0.0121082
0.0139958	0	0	0	0	0
1.71314	2.14674	1.71589	2.47078	2.00985	1.71455
773.296	869.941	768.165	757.276	703.247	803.389
1.49697	1.59901	1.56755	1.24034	2.59016	2.19015
0.224196	0.38872	0.294735	0.244317	0.147818	0.237654
33.0304	34.4449	33.2193	34.9642	35.5161	39.8166
0.0167457	0	0.0210972	0.0381562	0	0

0.887567	0.553042	0	0.168532	0.801162	0.994918
73.7675	84.7223	74.6334	83.2386	52.4032	61.1872
0.0498996	0.0583194	0.124146	0.0591144	0.046043	0.0703665
35.8843	31.6162	46.164	42.0395	32.1352	38.7143
28.1962	27.9714	30.3134	26.4482	28.4374	23.3492
19.1611	15.9263	13.9195	13.6363	24.4681	25.9136
0	0	0	0	0	0
1.59038	1.21476	1.92207	1.11168	2.37696	1.63899
0	0	0	0	0	0
3.24513	2.66166	3.11844	2.40501	4.27725	2.67254
8.03219	8.04947	9.99289	10.1042	9.13532	8.75045
25.5711	31.2613	26.8765	32.7892	36.1811	38.7763
4.07716	4.72904	3.14285	3.81682	4.67652	3.54485
0.131554	0.18354	0	0	0.0697917	0.0609412
0	0	0	0	0	0
2.09375	4.36914	0.960147	1.09684	1.49569	1.1247
0	0	0	0	0	0
0	0	0	0	0	0
8.35189	8.22397	8.40421	6.5404	8.48481	7.11174
20.9526	23.1848	23.0242	22.3889	20.6329	21.0333
0.0281387	0.0350664	0.106352	0.0641159	0.0304793	0
0	0	0	0	0	0
1.49305	1.60474	1.1701	1.36598	2.14402	2.35083
30.3817	32.5216	31.3019	34.0923	30.2953	33.9893
2.79305	3.61992	2.95582	2.62521	2.52619	2.50078
1.35461	1.33977	0.027089	0.195972	0.256192	0.144614
1160.31	1342.92	1077.5	1314.02	1070.9	1456.77
2.87585	3.68794	3.53173	3.53017	4.36247	3.48395
1.32743	1.47178	1.50505	1.6747	1.99849	1.61721
0	0	0.0325275	0.0294146	0.0279661	0.0217059
0	0	0	0	0	0
11.4359	13.2093	11.434	11.8706	8.16937	6.99749
24.8181	30.2266	27.0733	32.7907	23.5506	30.4024
40.2063	39.2842	33.3793	36.0257	30.7349	39.0959
3.42456	2.7643	3.33389	1.50742	5.1426	3.20624
2.09465	2.19573	2.94499	1.81605	4.13324	2.8249
562.559	467.459	230.246	218.828	225.024	306.55
4.99511	5.3911	9.75505	10.909	7.6414	6.05969
9.87683	9.52085	9.54931	8.20413	11.7514	8.3108
4.06684	3.70676	4.12875	3.7636	4.31958	4.78002
26.6568	26.0349	27.4477	27.4969	26.6694	32.033
1.07393	1.47217	0.8118	0.489406	0.232653	0.541722
4.02401	3.19517	3.23619	4.25179	3.55037	3.60127



280.546	309.238	278.865	299.444	271.679	305.324
50.5071	51.3474	51.8635	54.934	57.1078	63.0411
2.70829	1.57503	1.91075	1.76902	1.40811	1.33578
2.33753	2.48324	2.55872	2.13922	3.32061	3.93038
0	0	0	0.458611	0	0
11.6193	10.5633	12.1703	10.8506	11.3184	9.87144
134.659	136.47	128.699	117.078	109.774	114.48
0	0	0	0	0	0
2.03632	1.93083	0.501939	2.11821	0.5754	0.781546
25.0987	24.2341	22.7526	24.9081	23.2775	30.2296
7.7008	4.6591	7.5772	6.50481	11.0264	8.01156
7.41458	5.05971	8.04128	4.65171	12.0978	7.1806
0.0289775	0.0108335	0.00912686	0	0	0
3.30318	3.20752	2.82935	2.66874	3.28833	3.47772
14.7175	18.2182	18.7899	19.5152	18.021	17.6286
39.6084	46.3737	40.2225	47.8551	48.6285	56.8813
0	0	0	0	0	0
34.8414	39.8718	35.9182	36.6907	28.1043	31.8109
3.06512	2.56049	5.21954	4.91188	2.26203	2.54857
57.9962	56.1713	49.3973	57.9782	44.6305	47.5593
827.734	724.932	597.659	500.908	492.834	645.957
0.42598	0.627374	0.341519	0.286775	0.838932	0.472076
0.0207132	0	0	0	0	0
43.7145	43.4758	40.9067	41.7177	44.6953	51.5206
0	0	0	0	0	0
8.71206	4.6651	9.17519	2.79155	9.43673	4.17716
0	0	0	0	0.0696125	0.0540299
32.1186	33.4092	20.977	17.8053	13.0219	18.5969
0	0	0	0	0	0.0604342
7.8382	9.33188	7.58258	9.56778	11.7877	19.1218
0	0	0	0	0	0
22.8626	25.2547	26.7386	22.6828	21.7588	20.0513
8.0323	6.27743	8.61838	9.05051	10.7153	6.90126
7.9263	8.41076	8.58941	7.2712	8.82786	7.24862
0	0	0	0	0	0
3.84825	4.55824	3.68316	2.73706	2.49176	2.71543
6.93915	7.39706	6.08534	6.70431	4.40296	5.01881
0	0	0	0	0	0
12.3748	16.5385	11.2823	18.773	17.392	17.579
0.19632	0.439829	0.230558	0.282955	0.792904	0.329686
83.555	76.2753	73.5676	77.1852	61.8931	61.1469
0	0	0	0	173.131	0
0	0	0	0	0	0

2.31249	2.95212	1.63435	3.66272	1.58844	2.75025
10.4974	10.4686	7.86114	9.36468	8.12229	8.16929
0	0	0	0	0	0
9.42302	7.44064	13.9686	10.9986	17.0984	11.5102
5.16327	4.02767	7.96982	4.82718	6.98026	3.36331
0	0	0	0	0	0
16.5819	13.7989	15.2901	13.2676	16.4546	12.4961
8.53415	7.11897	13.9397	8.0428	25.5257	16.9329
25.414	28.7113	32.1187	36.8651	32.1477	38.7887
2.08111	1.69014	3.01638	2.02065	3.23138	2.14687
40.043	41.2806	33.4351	29.8105	31.7526	38.517
33.8873	33.9804	28.246	25.7042	24.4218	22.9776
1.60203	1.73005	1.90443	1.24782	2.55614	1.65981
3.10862	3.33961	3.78135	4.39646	2.43831	2.34309
12.8912	13.4064	10.3008	9.71032	11.4096	10.0845
7.02167	6.24032	6.13248	5.60933	10.8784	7.38488
6.10934	8.27176	13.8602	10.4142	16.1955	11.7013
0.348912	0.253641	0.73263	0.596264	0.314945	0.635558
0	0	0	0	0	0
0.125384	0.093752	0.0315931	0.0571391	0.0271627	0.105412
1.64025	1.94674	2.18948	0.734135	1.75553	0.853653
44.8362	43.6635	46.7784	51.2868	47.0141	51.7878
4.73291	5.03298	5.85015	4.25983	6.30012	4.91159
5.92428	6.06139	5.9576	4.67275	7.58385	5.61042
2.58703	2.85132	2.39142	2.19223	3.07013	2.41554
14.3425	15.4735	7.07461	8.48844	11.7935	13.081
0	0	0	0	0	0
0.137575	0.0321457	0.265403	0.183676	0.265544	0.108564
85.7322	83.9106	79.8112	72.2575	70.5658	77.9331
15.3616	13.6268	14.2866	14.2203	13.3597	14.3853
20.6693	20.0399	18.827	20.8337	19.255	19.1915
389.266	417.362	324.763	343.462	216.764	318.766
82.1445	88.8318	84.1906	84.5731	77.7598	76.1103
0.561099	0.243816	0.367043	0.419578	0.858706	0.471723
9.29499	8.22395	8.42274	9.75424	8.01246	7.19796
1.30439	1.21915	0.700837	0.677473	0.581778	0.516055
26.2947	28.5668	37.7482	37.3847	45.0667	45.8956
17.2206	19.2371	20.5946	20.2828	20.6248	25.5882
16.1044	14.1736	27.5617	28.0277	18.0011	11.0139
0	0	0	0	0	0
949.594	450.714	239.137	606.773	24.0633	530.464
0.12911	0.0804482	0.162659	0.294185	0.139849	0.108544
12.2982	12.7154	19.0859	16.7124	20.9303	13.8228

11.6136	11.8412	14.5385	11.5461	15.9797	10.7091
58.3789	20.5686	19.1658	25.1242	19.9663	29.5322
6.19889	5.2172	7.04004	3.76655	8.1158	8.9275
0.0556935	0	0	0	0.120652	0
0.988327	2.70963	5.97671	4.05354	1.28464	1.16326
0.588444	0.514609	0.552764	0.899753	1.09027	0.685653
0.148758	0.222459	0.112448	0.101687	0.193358	0.200101
6.4741	6.34828	10.4465	8.28656	9.37638	3.47205
5.46101	4.90993	6.35924	5.39471	8.36036	6.49356
10.8974	9.7002	13.6947	11.2017	14.3776	9.78151
5.66691	4.24467	9.35066	8.04909	10.0371	6.31481
0.830556	0.517519	1.04638	1.41936	1.12455	0.698258
11.5333	11.3447	11.0694	11.0085	14.2851	43.871
0	0	0	0	0	0
22.7261	28.8665	22.8812	20.7142	17.9939	19.1679
0	0	0	0	0.0326992	0
0.0670866	0.097783	0.259514	0.271591	0.18779	0.121544
11.9029	13.7009	13.313	15.3809	10.3802	11.9772
46.5179	44.8719	43.1555	36.2355	38.917	46.8186
0.0679827	0	0	0.154903	0	0
3.31795	1.77785	3.18913	2.30729	2.19673	1.63243
0	0	0	0	0	0.486223
11.0014	9.99388	9.78517	9.47219	10.8525	9.55571
36.5018	39.0298	40.4785	37.7565	39.3936	42.5283
7.22298	8.20223	5.97588	5.52083	8.49883	8.67944
4.95793	3.77983	7.23832	6.44592	3.98036	5.71287
0.204677	0.171996	0.395479	0.322233	0.281404	0.208718
3.11909	2.94384	2.7796	2.58974	2.63066	2.22914
25.6513	27.4984	34.105	30.1772	37.8665	42.6534
0	0	0	0	0	0
0.195841	0.244057	0.524303	0.278898	0.344712	0.205807
47.7488	32.8719	46.59	41.2445	27.3453	37.9098
7.24782	6.73715	6.5009	6.61359	7.5977	6.21463
1.83286	3.14065	7.21604	5.7424	4.71512	2.50397
5.86758	11.812	6.25502	10.2844	8.31122	4.93295
0	0	0	0	0	0
227.393	265.666	232.767	210.49	230.913	167.276
108.5	107.293	118.498	140.226	111.825	126.165
0.164188	0.45672	1.03511	0.443392	1.1121	1.01646
38.096	34.0144	36.3983	32.9906	35.4162	35.7622
0.166287	0	0.209497	0	0	0
69.1472	56.8749	109.852	113.62	64.871	91.7795
0.212307	0	0	0.120939	0.229967	0.133867

5.51934	4.63432	7.39741	5.26239	7.51844	4.96912
34.7244	40.9854	31.689	33.4451	26.3231	25.079
0	0	0	0	0	0
2.82308	3.12016	3.05575	2.65671	3.46186	3.21
1.92537	1.21381	2.25446	2.86451	2.06099	1.56155
0	0	0.0321455	0.0581366	0	0
0	0	0	0	0	0
0	3.43E-98	3.91E-45	3.33E-76	3.71E-34	3.67E-51
0	0	0	0	0	0
0.155776	0.116476	0.235506	0.0354945	0.303719	0.052385
5.93625	6.15327	6.91982	6.57345	7.81218	8.45773
12.8149	12.3422	10.7735	11.4657	10.2603	11.6229
0.375139	0.0779163	0.23631	0	0	0
8.15626	9.52905	7.73246	11.6851	8.43713	14.2456
0.375691	0.267534	0.811398	1.52864	0.232537	0.81218
25.1603	27.1123	28.6591	30.2315	23.761	23.1996
0.259923	0.323916	0.532132	0.370158	0.387123	0.204863
0.836495	1.42003	1.6145	1.72349	2.00488	1.60148
0.632112	0.414598	0.85924	0.322174	0.918927	0.391576
36.083	26.6155	24.6932	21.6285	31.5954	28.9012
0	0	0	0	0	0
5.40963	5.37759	6.02745	5.4506	5.14832	4.20619
5.81265	6.40454	7.09649	7.33515	7.14816	7.62114
16.1815	15.7816	13.4881	16.1701	15.7714	17.3329
11.0954	10.6025	11.5759	12.0938	11.688	10.3242
0.658445	0.664962	0.793135	0.71494	1.05692	0.723186
0.337276	0.480357	0.728431	0.850844	0.756755	0.526596
6.69101	5.72887	4.18457	3.86635	9.68513	7.13268
0.729772	0.636608	0.827465	0.831416	0.869521	1.41111
0.0455024	0.0378034	0.0191088	0	0.0328582	0.0255029
61.4873	68.7543	71.412	71.589	62.4794	65.1043
12.257	11.1694	10.4891	11.5254	10.1595	13.7912
6.38552	5.93422	7.12572	6.31906	8.95252	5.83645
0.172107	0.28624	0.110558	0.173473	0.158416	0
15.1931	17.9372	14.6077	19.1313	17.7561	22.5209
6.32402	5.88055	4.22796	4.61162	4.62867	5.97602
8.36899	9.02058	7.76437	9.29316	7.35585	7.78835
0	0	0	0	0	0
19.8012	18.3682	19.5938	17.868	20.6812	19.8001
0.0226955	0	0	0.261803	0.024583	0.0858627
0.435856	0.543164	0.525346	1.14233	0.308835	0.747604
4.71068	5.16316	5.07673	5.54461	5.74801	5.45141
0.132678	0	0	0.0755787	0	0.0557718

73.5977	92.0455	68.9814	67.7842	56.3819	66.9705
0.0727359	0.0533197	0.0377327	0.0877413	0.0648826	0.0575529
0.180919	0.338192	0.43307	0.556519	0.509517	0.349832
0.350649	0.145536	0.258381	0.0999082	0.221941	0.270085
0.716964	1.08528	0.461643	1.12045	0.496585	0.518797
19.4522	19.8795	16.8862	16.3528	14.4189	14.7888
25.9076	31.0098	29.1527	26.5519	25.0045	27.5984
16.0148	15.3633	15.2743	16.5289	17.3533	18.5663
1.62509	1.99782	2.18571	1.77638	1.8792	1.69856
0	0	0	15.5019	0	0
0	0	0	0	0	0
69.5414	82.2158	55.1319	79.9793	43.1137	60.4451
14.9861	12.2579	9.01841	7.97931	7.14011	9.33016
0	0	0	0	0	0
0.359893	0.256427	0.753584	0.603907	1.37802	0.622369
156.316	151.278	139.948	149.205	105.624	120.892
1.25468	1.59559	1.71548	1.31949	0.915013	0.518289
0.0185416	0.0115533	0.0817591	0.0528104	0.150629	0.0467645
20.5787	20.897	18.9022	19.7663	17.8603	16.5226
0	0	0	0	0	0
4.71209	4.34289	5.2423	4.42531	5.43371	3.26837
0.277708	0.302967	0.924969	0.426581	0.726411	0.431074
7.47526	7.60582	6.49704	6.19867	4.25351	3.32126
7.65313	7.64053	7.26399	6.50249	8.58909	7.12344
0	0	0	0	0	0
0	0	0	0	0	0
0.146996	0	0	0	0.077987	0
2.65631	9.15739	4.90663	43.4535	12.087	12.9508
46.7294	50.9632	59.4167	68.3169	37.2161	50.8219
2.70051	2.73198	2.40537	2.23167	2.52312	2.37691
0.493497	0.819994	0.725357	0	0.356364	0.207444
0.0620518	0	0.156353	0.141389	0	0.260839
2.382	1.77703	2.63351	2.5107	2.33441	2.15243
18.161	20.9849	17.8842	17.6131	19.2358	15.703
1.34832	1.24689	2.07988	2.71165	2.15405	1.73419
0.145316	0	0	0.165556	0.157403	0.122169
5.37607	2.47524	5.97231	4.64645	9.1795	6.34543
0	0	0	0	0	0
14.1491	13.2734	13.8522	11.5526	13.1974	10.8215
5.1702	5.53278	5.35129	4.73903	5.10816	3.98959
2.4413	1.31019	1.9011	0.869574	3.02997	1.61546
7.58727	7.3938	7.33656	6.57773	7.04165	5.52971
0.405356	0.106348	0.134392	0.12153	0.138655	0.0896809

111.74	114.133	114.554	107.075	101.808	105.942
384.617	371.217	427.354	446.258	412.342	454.727
1.25897	0.618385	0.432862	0.589697	0.892841	0.435887
21.4891	23.8919	19.995	23.8595	17.5935	16.6877
11.2847	12.9423	13.2841	12.6958	13.7895	11.0437
4.36126	3.57395	2.60995	3.0982	2.86368	2.80724
0	0	0	0	0	0
0	0	0	0	0	0
0.549425	0.248979	0.880976	0.398332	0.270512	0.5039
11.8479	12.0856	12.2157	10.6316	10.0587	10.6784
1.66765	1.11904	2.1414	2.19222	1.70215	1.32113
0.586382	0.365374	0	0.334027	2.54063	0.985957
2.02029	1.10419	3.71989	4.70938	5.23491	2.0512
0	0	0	0	0	0
0	0	0	0.0297748	0.0283086	0.0219718
12.6719	15.6922	13.9134	16.5635	13.7254	15.4621
2.54912	1.72296	3.37482	2.85495	3.41635	2.16194
56.7794	54.8902	47.3898	48.6594	44.9298	56.7979
1.22157	1.10237	1.6186	1.12777	1.82507	1.29259
40.2282	43.9784	39.3425	53.4251	35.1793	48.9237
0.0622058	0.344537	0.275455	0.340407	0.630592	0.413766
12.6109	11.5995	12.4323	11.8896	13.1944	11.1889
0.169373	0.140715	0.213385	0.0643211	0.183461	0.142394
2.14438	1.59142	3.09445	2.03233	3.25168	2.06496
13.5103	12.8396	14.0669	11.197	16.3968	22.2339
60.7155	42.2757	61.1622	27.558	36.7225	37.5226
0.073324	0.0913762	0.0461888	0.0417684	0.0397115	0.0924665
18.2565	17.2711	19.4737	14.7824	19.4632	16.8245
7.08466	9.19236	8.45303	7.07431	8.26078	8.0583
3.7784	6.05396	4.76023	5.53457	2.92334	5.89929
0.283869	0.285335	0.141287	0.28629	0.24801	0.378813
0	0	0	0	0	0
115.502	81.1134	127.122	95.6785	132.733	185.312
28.2994	23.9037	14.4636	14.6404	5.1686	5.28263
15.6083	14.2867	14.1279	12.8709	17.2319	17.0082
7.44055	10.5186	11.2488	16.5062	10.9866	9.19787
26.4799	25.0668	27.2503	26.309	29.9369	33.7553
0.343166	0.268659	0.369531	0.216537	0.152498	0.0221917
69.0411	71.5572	68.9744	65.7668	61.0668	57.336
0.981781	1.01958	0.700911	0.260989	0.921652	0.962961
0	0	0	0	0	0
0.771815	1.21913	0.0875136	0	0.62701	0
8.23924	5.63362	5.38915	3.73812	7.39766	4.94482

10.5235	10.9979	10.3005	10.9181	11.4645	12.3402
9.09031	12.3869	9.96988	9.78764	13.3056	13.3783
12.8756	12.4447	11.8713	13.0664	13.9428	13.8542
16.9233	17.2653	18.0035	20.2014	20.6107	21.5637
3.08514	2.54174	3.44981	2.29849	4.42844	2.56137
43.7583	48.0911	23.5493	22.0817	57.3542	50.0398
2.61628	2.55322	2.98044	2.28379	3.48051	2.67662
1.96126	1.75678	1.91132	0.000643991	0.64101	1.0784
41.4785	43.5246	40.7462	41.8967	34.0966	36.5278
2.84681	2.97258	3.1099	2.03905	3.72611	2.56268
2.633	3.10088	2.50507	2.87245	3.37904	2.73877
45.9427	49.0232	48.3085	54.1119	42.4781	43.3946
2.03943	1.0101	1.91057	1.0128	2.63389	1.42881
1.17941	1.42239	1.17452	1.12709	1.62762	1.11942
12.5819	12.6058	11.0731	10.2388	17.1004	12.053
0.13229	0.122114	0.188512	0.150293	0.398024	0.111217
0	0	0	0	0	0
2.84229	2.92187	3.84559	2.75939	3.67766	2.39884
0.17521	0.145565	0.588639	0.0665381	0.316307	0.147301
11.3265	10.7425	13.3485	9.69667	13.5534	10.2449
5.02335	4.67183	4.95792	3.55305	6.28061	4.61046
17.4729	16.1646	16.2777	14.9227	19.0365	14.8714
3.52876	4.05926	3.44421	4.97009	4.26331	5.16722
0	0	0	0.06407	0	0
3.02996	3.13219	2.70344	2.24099	4.26119	2.36359
8.68268	10.5758	8.96125	8.71839	5.1541	4.33029
0.137665	0.174872	0.0867188	0.315702	0.158605	0.173839
0.358185	0.309618	0.330956	0.0494468	0.0955875	0.0741514
2.00948	3.33895	7.3353	6.00714	9.91575	6.43991
0.18059	0.0421967	1.66237	0.390592	0.516539	0.616263
0	0	0.751257	0	0.322952	0
0.64813	0.629026	1.04613	0.632718	0.741774	0.685279
0	0.0167774	0	0	0.0145827	0
10.3748	9.44426	7.26292	6.11767	6.32123	7.19752
0	0	0	0	0	0
0	0	0	0	0	0
31.0587	33.0649	27.6149	30.017	34.8696	34.8351
0.140807	0.0974855	0.197107	0.106946	0.254199	0.170991
0.102349	0.085031	0	0.136038	0.18477	0.114727
0.059289	0	0	0.0337735	0.0642206	0.0249225
0	0	0	0	0	0
0.335558	0.418172	0.0845508	0.0764591	0	0
27.6099	28.7316	27.1634	29.3973	28.2718	28.5986

7.37918	6.83241	6.66028	6.79424	8.2615	6.76832
0.412841	0.547261	0.211794	0.046904	0.182093	0.347081
9.34963	7.50125	11.6472	11.9434	12.603	13.6558
0	0	0	0	0	0
1.14872	0.987267	0	0	0	0
0	0	0	0.0581649	0	0
0.490969	0.147988	0.851102	0.203845	0.401543	0.187714
0.565162	0.39128	0.712022	0.64388	0.612172	0.422346
0	0.115759	0.0585135	0.0529136	0	0.0390466
0	0	0	0	0	0
6.41596	4.78656	8.0667	4.53171	11.1664	8.46745
15.3228	16.3716	15.8254	15.4022	13.8747	13.2942
0	0	0	0	0	0
0.118331	0.222109	0.181113	0.0713055	0.141238	0.0989338
86.814	96.1367	78.95	68.6862	64.7186	75.3472
12.6165	8.72067	5.78609	3.96319	12.9037	7.94998
122.368	134.57	137.065	122.208	111.807	112.403
0.0531328	0.0807713	0	0	0	0.0536296
0	0	0	0	0	0
0	0.142381	0	7.09E-63	0	0.190962
2.27E-09	1.16E-10	1.08E-08	3.14E-11	7.39E-09	9.18E-09
10.0974	11.217	7.54924	8.59881	13.5612	13.6553
0.164101	0.149808	0.371673	0.187882	1.07153	0.239258
12.8858	15.5479	14.4199	14.5851	13.4689	15.052
1.24528	0.862151	1.22024	1.13849	1.8651	1.034
0.203623	0.225559	0.171023	0.0515519	0.637173	0.285313
77.2454	79.4813	69.4297	87.802	61.6176	80.4147
25.9616	53.4032	38.1024	44.2603	26.7232	27.5162
0	0	0	0	0	0
11.5214	13.1642	13.2638	11.1102	12.4077	11.4646
73.4024	81.0535	65.5442	72.7328	56.5889	63.4984
1.83744	1.77102	1.2732	0.730384	1.53935	1.77911
0.0361642	0.0100151	0.0455617	0.0183117	0.0612975	0
5.06229	5.89279	6.39363	7.40702	7.6483	7.61239
22.7018	25.5051	20.1548	24.9484	21.0017	22.787
0	0	0	0.0815914	0	0
0	0	0	0	0	0
10.1682	10.6398	12.8852	11.326	18.3039	19.8489
6.64053	6.5038	6.83775	4.59253	6.62484	4.80724
8.68887	8.23124	8.43357	7.96467	9.18469	7.58686
0	0	0	0	0	0
2.52459	4.21409	3.70585	5.01359	5.74513	4.57593
0	0	0	0	0	0



134.678	136.038	137.237	141.434	134.4	132.551
97.3048	94.9435	104.698	85.8735	100.263	84.998
0	0	0	0	0	0
7.95204	10.1851	9.64736	11.4923	1.43558	0.990426
0	0	0	0	0	0
29.2211	27.3359	29.0279	26.1259	26.6388	29.6975
0.107594	0	0	0	0	0
26.8142	27.0745	26.094	25.3178	24.028	22.66
18.4967	11.7327	19.5133	10.5979	20.5947	9.655
9.97608	10.3712	11.168	12.8169	11.4241	14.4072
91.8936	61.8249	120.863	92.9255	110.997	100.733
23.7122	25.7977	26.8865	27.6581	26.4797	26.5485
2.4971	2.78397	2.55738	2.56348	3.60642	2.52373
14.3277	15.4535	13.0088	11.7948	12.5933	13.2325
51.7833	55.5672	54.9569	53.1151	50.3469	44.5978
27.7944	31.1858	28.1631	30.3134	30.1063	27.5248
2.22581	3.24321	3.45132	3.04299	4.93318	6.65019
1.11012	0.694077	0	0	0	0.0291327
0	0	0	0	0	0
0.687089	0.554044	0.814712	0.920928	0.963135	0.509686
0.711173	0.518788	0.590032	0.652134	0.638809	0.685388
0.297564	0.196319	0.154365	0.119651	0.417114	0.206019
0	0.0666353	0	0.0609184	0.173756	0
0	0	3.52667	0	0	0
11.9634	11.4988	9.10068	12.1053	7.6603	8.99702
15.9922	15.6265	14.4689	15.0815	15.3231	17.1535
1.1304	1.08914	0.359667	0.657684	0.448815	0.439196
39.6528	37.5007	37.4332	34.3753	36.7961	35.8749
1.82004	1.7641	2.3949	1.70491	4.16191	1.59814
21.7973	21.7334	25.4265	23.2886	20.2162	22.0713
0	0	0	0	0.0734896	0
7.26045	6.63671	8.28812	7.53691	7.96418	7.69965
11.7908	11.7749	13.9351	13.1057	14.7383	17.6308
1.62318	1.19908	0.361917	0.571662	2.56451	1.40993
0	0	0	0	0	0
0.612548	0.458014	0.240091	0.310163	0.427589	0.343318
19.1706	18.3794	16.6867	18.1399	21.1958	22.408
9.04129	8.93504	7.7469	8.52844	7.18705	6.6612
52.2124	68.444	37.5843	45.4113	40.4972	42.4047
0	0	0	0	0	0
6.78256	6.15506	8.11789	7.54876	8.89396	7.97944
1.80455	1.66767	2.14575	1.43219	2.45979	1.09095
0.341732	0.505715	0.322899	0.243331	0.902257	0.395035

0	0	0.064896	0	0	0.0866114
18.652	19.2814	17.307	24.3261	18.0119	21.1514
13.8934	13.7068	13.857	12.8277	14.2025	14.5274
5.29156	5.33365	4.97543	4.7874	4.82559	5.15196
0	0	0	11.9565	0	0.420146
0.0500345	0.0623529	0.126072	0.798048	0.108393	0.0420646
27.4527	34.6569	30.5351	32.0227	23.7374	29.9888
3.8169	3.63119	4.03949	4.98494	3.4755	3.25017
0.511537	0.841045	1.15682	0.871756	0.497296	0.385978
90.8709	52.7921	91.0895	85.6728	105.182	195.936
0.482161	0.400579	0.202484	0	0.174089	0.13512
0.0584498	1.09E-10	0.0779063	0.203526	0.26618	0.250598
0.066414	0.0458917	0.130568	0	0.0819004	0.251167
0.572278	0.49922	1.26173	0.619387	2.35554	1.25091
18.7872	20.9631	14.8292	18.6099	15.9287	17.0728
0	0	0	0	0	0
9.27402	8.93689	9.24184	7.65736	6.96812	7.19816
0.403616	0.379745	0.280594	0.113275	0.552912	0.412328
96.7179	89.8905	99.1733	88.9734	66.8262	80.6963
36.6419	36.3087	32.1941	33.007	30.0434	27.3219
2.90052	3.15458	2.4583	3.48476	2.79904	3.9016
23.4336	24.2469	25.8879	26.0284	24.394	25.7599
0.100993	0	0	0	0.109393	0
0	0	0	0	0	0
0.198559	0.0824814	0.16677	0.527835	0.215075	0.278219
5.38065	6.19238	5.22303	5.69461	7.13398	6.3775
4.99369	3.58621	3.66816	4.20424	7.57269	5.13753
1.10203	0.887031	1.60483	1.16391	1.44223	0.752763
33.505	29.8478	37.2077	29.8775	33.6192	26.1279
0.703853	0.267433	0.270363	0.244489	0	0.811874
4.67478	4.66758	4.89093	4.88333	6.85984	5.49298
1.17181	1.19571	1.25114	1.25944	2.10259	0.684844
0	0	0	0	0	0
3.15244	3.04961	2.81102	3.01756	3.63294	2.735
0	0	0	0	0	0
1137.43	1302.99	1109.44	1213.12	1059.96	1194.55
0.246047	0.220768	0.405044	0.854802	0.727758	0.562549
0.709118	0.692511	0.796427	0.328724	0.829723	0.869127
2.75151	2.36958	2.81829	2.06434	1.72038	1.61738
0	0.0507234	0.102559	0.0463717	0.0881763	0.102657
0.218452	0.408351	0.137609	0	0.709867	0.275482
13.5005	13.4974	16.2687	12.2352	16.2014	11.4911
13.1467	14.2535	11.0143	11.3831	14.3114	16.6894

6.85684	7.15855	7.01769	6.20812	6.31229	5.23652
0	0	0	0	0	0
1.64999	2.39458	2.26294	2.73642	1.99084	1.63299
0.516887	0.644144	0.964744	0.632501	0.725772	0.91739
15.2674	14.8293	15.901	13.1916	12.1077	10.8536
99.1578	77.9961	109.618	33.6949	95.3093	35.2849
34.2311	35	32.5188	36.1982	25.6287	39.0274
27.4916	24.0836	25.6121	24.0354	24.8984	24.155
0.0670265	0.0415729	0.13119	8.47E-12	0.0368397	0.112968
0	0.0457755	0	0	0.0397875	0.0308811
5.06458	5.17133	4.98101	3.07112	5.46815	5.09569
12.1238	11.211	12.6621	12.8916	14.4264	15.5991
1.06707	0.851894	0.756201	0.588854	1.75181	1.05129
21.687	29.79	24.3466	33.4974	24.9857	27.1927
0.395302	0.246312	0	0.0750601	0.499547	0.276946
27.6534	27.6907	29.2412	25.5093	27.5	26.8784
7.09397	6.93535	6.83308	6.80756	8.68489	6.92089
0.279268	0.169147	0.883848	0.0789171	0.982507	0.23298
0.903945	0.970037	1.17047	0.629352	1.82228	1.30882
10.1472	10.012	11.8246	10.1724	11.5274	8.73894
0.0504434	0.165031	0.0635513	0.0891399	0.0546392	0.0415427
0	0	0	0	0	0
0	0	0	0	0	0
0.364568	0.242306	0.336822	0.581485	0.368567	0.163465
11.3143	11.8046	10.2254	10.9455	11.8315	15.4462
0	0	0	0	0	0.0182608
0.0494667	0.21271	6.25E-188	7.40E-109	1.08E-204	0.0503111
3.51977	3.07365	5.50704	3.34656	4.04445	3.2471
0	0	0	0.283571	0	0
23.7269	17.1965	24.4159	21.3699	17.8898	14.2278
0	0	0	0	0	0
14.2697	12.3307	11.9366	14.1212	12.7738	15.0567
1.86006	3.7088	0	0.423827	0.402956	0.312755
0	0	0	0	0	0
11.7219	10.0841	7.27281	7.35221	5.97989	10.2363
0	10.247	2.58983	0	2.22664	0
3.1554	2.06247	2.76326	1.98339	4.76393	3.0572
0	0	0	0	0.0339258	0
1.85789	1.75716	2.34067	2.52219	3.04005	2.49248
0.26489	0.368942	0.137415	0.177521	0.219412	0.157197
0.770032	0.205631	0.485064	0.187989	0.417041	0.277447
0.0830797	0	0	0	0	0
0.0228219	0	0.0287523	0.0260006	0.0247202	0.0191866

0	0	0	0	0	0
51.7706	38.9239	43.8102	39.5878	55.1183	32.9549
0.864402	1.33227	0.954967	1.92151	0.962444	1.06384
10.9499	10.0727	11.605	9.49607	12.4606	11.0504
12.4724	10.4416	11.6887	12.1264	11.114	10.5319
0.0954701	0	0	0	0	0.240789
3.53359	4.25169	3.07023	2.31367	2.7863	2.26503
40.8975	38.3803	40.5611	39.8401	43.2183	45.9111
0.0168881	0.0420918	0	0.0192403	0.0365856	0
0.13822	0.0574164	0.232182	0.209962	0.0998112	0.232406
4.841	4.91292	4.76811	3.25454	5.00995	3.96444
22.997	18.5786	27.2799	18.6346	29.1049	22.7645
0.293276	0.402028	0.295588	0.334124	0.667108	0.591746
15.9628	16.2424	15.0105	15.2989	17.8253	14.5269
0	0	0	0	0	0
0	0	0	0	0	2.20455
0	0	0	0	0	0
0	0	0.0836479	0	0	0
4.19714	4.30262	4.6187	4.37731	3.61944	4.75527
17.3774	15.7606	17.866	17.1493	22.6028	20.2747
4.81427	5.24637	5.38263	5.41358	6.50142	5.57171
0.0830373	0	0.0348716	0.0630686	0.0899443	0
4.86617	4.22106	4.85392	3.94213	5.2116	4.30596
7.97346	6.63322	7.92956	6.87037	8.47339	6.57493
26.2561	25.0499	32.6027	27.1044	35.9339	32.1732
1.86872	1.82404	1.87551	2.14329	0.887312	1.941
49.7563	50.4372	56.8268	56.1288	50.3538	48.2832
0	0	0	0	0	0
22.8824	24.0381	27.6898	27.8025	35.7698	31.2841
24.3948	32.4426	15.8256	16.1777	12.4232	13.4686
1.4231	1.85595	0.0972891	0.100547	0.561622	0.547199
4.21697	4.09038	3.34102	3.16986	3.88493	4.07522
0.479642	1.49432	0.453209	0.68306	1.29885	0.907292
9.38476	10.8618	15.5743	14.7474	11.3338	12.9503
0	0	0.365667	0.992014	0	0
0.029523	0	0.0743893	0.033635	0.127915	0.074461
1.60181	1.5275	1.32545	1.20094	1.50933	0.990131
88.9729	105.463	65.458	87.862	84.8858	102.648
3.87261	2.84392	3.55029	1.35905	6.31082	3.69179
50.0868	50.9144	51.7634	46.2879	53.6266	62.1035
0.103389	0.0858957	0.0651277	0.294474	0.0559946	0.0144868
31.5336	40.3839	28.7431	11.0923	36.3603	39.4607
21.2333	20.1998	19.1526	19.4889	20.3432	23.5836

2.36727	3.64103	2.47621	2.81125	3.65739	3.76997
0	0	0	0	0	0.0163886
8.10795	7.82974	9.31006	7.28232	6.77342	7.53648
0	0	0	0	0	0
1.28434	1.64158	2.6968	1.83841	3.8168	2.99011
0	0	0	0	0	0
0	0	0	0	0	0
0.0278396	0.208162	0.0350738	0	0.120621	0.14043
1.58851	1.58968	2.47129	1.68637	3.10237	2.54955
3.68467	3.60118	3.77909	3.11181	3.89966	3.68273
5.30029	5.27447	3.27768	2.72069	8.15958	6.34939
306.507	267.109	266.818	276.235	217.746	253.649
0.436501	0.376702	0.612446	0.277249	0.445626	0.239612
282.424	211.591	474.008	213.645	354.393	217.48
0	0	0	0	0	0
6.04267	6.12585	6.45511	7.90164	7.48436	7.99558
15.3612	14.6032	15.467	17.4039	16.047	17.4165
0.174991	0.109037	0.440927	0.39873	0.284321	0.441352
0.118853	0.123428	0.0249561	0	0.193108	0.0499604
0.393604	0.809339	0.619854	0.896852	0.852687	0.463271
0.14311	0.237792	0.120199	0.0543478	0.0258357	0.0200525
42.9998	52.643	38.1153	39.9757	24.5975	27.7338
94.505	111.585	94.4773	100.256	75.9144	87.131
0	0	0.0458098	0.0414257	0.0997588	0
0.0418621	0.0362281	0	0.123186	0.161944	0.031922
0	0	0	0	0	0
17.4088	14.6053	19.7927	16.9208	20.0857	15.5646
7.04706	6.31436	6.42023	4.81052	9.24188	5.8511
5.85018	4.31626	6.78367	4.94073	6.99885	5.45664
2.4634	2.33527	1.9883	2.53659	1.61263	2.04595
14.6568	10.9693	8.0485	6.72295	6.9104	5.59767
26.2349	27.7613	31.4274	27.7973	33.0631	30.1042
7.44791	10.1023	5.76272	6.53448	9.41631	8.99971
24.5805	23.0256	33.4619	27.0644	27.8462	23.1617
0.165439	0.549785	0.660024	1.72775	0.537599	1.04315
0.403796	0.320224	0.462476	0.334573	0.55667	0.678952
0	0	0.187814	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.4122	0.963742	1.82152	1.45566	1.7846	1.32859
0	0	0	0	0	0
23.7699	18.1305	25.6114	23.126	28.2809	26.5941
9.92021	10.5019	9.01483	9.27651	7.89455	7.2603

6.04238	5.89613	5.32953	5.1519	5.4293	5.6454
6.18674	7.94253	11.0196	14.4311	11.814	14.3558
0	0	0	0.336833	0	0
0.148634	0.185228	0.421329	0.0423341	0.0402494	0.0624793
2.45944	2.6022	2.47258	2.11322	2.39933	1.85968
0	0	0	0	0	0
0	0.501649	0.507146	0	0.436027	0
0.735043	1.22508	1.09822	1.43838	1.60552	0.62877
0	0	0	0	0	0
4.19768	4.77627	5.47783	3.87725	4.81431	3.60125
0	0	0	0	0	0
5.32494	5.6663	5.82029	7.00846	5.92589	4.84469
5.99869	6.29881	4.99895	5.93869	5.29534	5.45245
0	0	0	0	0	0
0.463469	0.505378	0.291952	0.528022	0.878535	0.730582
0.259726	0.21578	0	0	0.187553	0.43671
0.160354	0.262938	0.276452	0.163458	0.429659	0.198669
0.0603131	0.0375811	0	0.171784	0.163325	0.050706
35.8452	41.0816	38.4453	45.8814	42.9702	47.2629
1.18315	0.575532	1.52185	0.526155	2.61493	0.547637
43.2741	44.1562	43.6895	48.8775	44.3246	53.2837
0.693037	0.460327	1.76771	0.414256	1.12173	0.230153
0	0	0	0	0	0.0833331
2.63439	3.253	3.56019	2.50283	2.36558	2.08591
0	0.0859368	0	0.0785639	0.14939	0.231899
22.7365	14.2959	16.2754	15.1888	9.17943	7.21152
0	0	0	0	0	0
0	0	0	0	0	0
0.115807	0.202046	0.1459	0.131937	0.0501758	0.116832
0.673924	1.895	0.311311	0.793168	1.08636	1.1746
0	0	0	0	0	0
2.1242	2.01355	2.11924	1.91642	2.29217	2.4041
165.934	172.861	175.734	171.782	165.01	165.926
0.313148	0.216803	0.394521	0.237843	0.201005	0.195013
0.71546	0.445803	0.851299	0.45284	1.29162	0.46783
1.8342	1.25718	1.88167	1.73144	2.31317	1.11247
0	0	0	0	0	0
17.532	14.8655	11.9851	14.0725	10.736	13.1691
7.18349	9.76334	8.59765	10.4858	6.32207	6.68092
9.40986	10.6969	12.504	11.681	9.73113	10.6865
13.2925	16.3018	14.2465	14.5836	10.9944	10.6422
0.444745	0.578337	0.365422	0.70496	3.49784	4.97452
68.28	87.1802	78.2418	95.6307	74.3184	103.319

4.5052	5.09489	5.11032	4.71258	4.35895	3.62584
11.8004	10.4159	12.7313	9.62623	15.4514	11.2253
0.344649	0.257701	0.434208	0.183238	0.547532	0.521551
0	0	0	0	0	0
0.886629	0.841477	0.954567	1.60464	0.888159	3.05752
3.20547	3.99465	4.84611	2.55635	6.24977	4.17706
1.0523	0.981206	0.932736	0.725008	0.692017	0.543354
13.097	12.7226	5.79047	6.99718	5.9477	7.4887
30.364	31.0311	30.2176	29.9762	28.7765	28.1142
48.9321	52.0044	48.1775	49.7623	51.466	56.0092
0.599965	3.47449	8.80364	9.00651	10.9331	13.1144
2.66308	3.21902	2.61351	2.69544	1.90655	1.7248
9.70269	7.0147	8.41606	7.33614	9.44217	8.43337
9.75264	10.1533	11.487	8.51818	11.9626	8.13319
0	0	0.0345397	0	0.0593922	0
10.8752	11.5508	12.6996	11.5905	12.2879	11.0144
0	0	0	0	0	0
0.104784	0.0466563	0.113145	0.230197	0.178219	0.138298
0.151967	0.147954	0.432271	0.0865665	0.246911	0.3194
13.5191	13.6292	13.0481	11.1688	11.3039	13.3818
0.991683	0.961204	0.694098	0.345219	0.865304	0.555813
19.8612	22.259	17.6835	23.9554	17.2245	19.4151
2.7426	2.75324	3.3113	2.54596	3.4796	2.94621
29.2362	28.9129	30.995	38.732	33.4175	47.5998
2.63002	2.68622	2.75119	2.36278	2.91577	2.04589
2.50534	4.16159	1.9447	2.1967	4.21461	4.9658
0.817458	0.632281	0.699791	0.629027	1.11354	0.874015
0.313205	0.195158	0.157837	0.0713659	0.0678515	0.0789947
7.5181	8.13497	7.64186	8.81128	10.7602	9.34695
30.4778	34.0168	26.9344	31.4608	24.5357	26.372
1.92892	1.88687	1.77689	1.40598	2.04443	1.82219
5.94379	5.48717	6.61156	6.2695	6.6766	6.84748
12.9947	11.9983	13.8328	10.5938	15.7184	14.586
0.969423	0.49422	0.777211	0.552223	0.668219	0.370457
2.23619	2.43621	2.48062	1.97083	2.90968	2.54213
4.0034	3.70206	5.16043	3.65784	5.49831	3.57349
0	0	0	0	0.0605602	0
11.7079	15.4347	10.32	17.747	15.4602	16.9476
20.6975	21.13	23.3651	23.1273	28.3975	27.3888
0	0	0	0	0	0
58.6812	54.1376	55.9899	49.4377	48.9765	43.479
0.115867	0	0.0729879	0.0660028	0.125505	0.097411
0	0	0	0	0	0

0.283297	1.14004	0.475883	0.420437	0.451733	0.486265
0	0	0	0	0	0
0	0	0	0	0.0747846	0
0	0	0	0	0	0
9.03097	11.7871	11.7011	26.2319	13.9826	12.5676
2.84141	7.6271	1.13681	6.69172	1.37673	2.11739
0.440316	1.00614	1.66585	1.5063	1.50653	1.36319
13.7572	14.331	13.5288	15.6562	10.7934	11.3389
15.5052	15.354	15.906	12.34	17.5526	14.3207
14.2034	16.8293	20.1665	14.0498	13.7731	11.9599
0	0	0	0	0	0
16.2027	15.3098	19.7106	14.5816	23.3442	15.2781
0	0	0	0	0	0
138.68	135.276	131.3	154.177	121.455	174.334
13.8036	14.6599	13.8211	12.8771	16.223	15.6002
0	0	0	0	0	0
26.3461	25.0315	19.4996	26.6807	18.2259	17.2558
16.927	18.5656	20.5142	19.9524	16.6783	14.4731
2.38171	3.88134	0.923263	2.71344	1.38913	1.07818
2.43812	3.54037	2.0834	3.18832	3.00835	2.72707
0.603603	0.378882	0.758928	0.309915	1.29991	0.364694
0	0	0	0	0	0
28.3084	28.7365	31.3974	32.4355	29.6677	30.2698
2.51486	2.20817	2.98008	2.35923	3.39002	2.3799
10.2032	9.15754	5.84596	3.52445	5.67466	3.90109
296.859	359.601	359.601	296.082	264.159	249.963
0	0	0	0	0	0
13.1188	11.0981	8.92569	10.2759	11.7877	10.8845
0	0	0	0	0	0
0	0	0	0	0.022276	0
0.251892	0.265715	0.10673	0.0967732	0.0466406	0.214442
8.82318	5.85984	6.05718	5.29691	1.14456	1.90996
0	0	0	0	0	0
24.7153	25.0461	24.5037	21.8524	27.7303	19.2496
5.68279	6.09829	2.21603	2.00395	2.1821	1.76316
13.9068	13.2905	17.288	11.9034	23.5819	17.2372
62.1759	47.947	58.1677	50.773	69.6423	49.5817
0	0	0	0	0	0
13.779	12.7357	12.5866	11.382	12.046	9.47796
32.0666	22.9643	33.6518	23.5827	51.7245	37.5303
20.9126	19.652	18.6825	14.61	15.6662	16.039
0.977297	0.957141	1.64271	1.39016	0.672603	0.433116
0	0	0	0	0	0



1.83643	1.14428	2.31364	1.04611	3.31531	1.15793
0.23142	0.327115	0.330699	0.334797	0.24229	0.54194
19.5183	19.0144	19.9717	20.8501	22.261	22.4065
7.41778	6.15974	8.62607	6.2377	10.622	7.95193
27.0701	18.9447	22.3607	21.6898	32.5943	23.4249
59.4594	59.5985	51.042	59.7405	55.2833	67.5607
0	0.0380794	0	0	0	0
0	0	0	0	0	0
19.7706	19.7401	21.0775	20.2432	23.5358	24.3398
18.6916	21.5372	20.7339	23.4024	20.4397	21.3179
73.1163	77.4573	65.9845	64.899	79.3038	74.7239
0.0282491	0	0	0	0.0305988	0
0	0	0	0	0	0.0490127
0.631377	0.645957	0.591953	0.535301	0.526422	0.395015
62.6395	68.6845	58.0258	65.6693	53.7809	64.8817
11.8775	12.5038	14.5829	12.0492	16.0441	13.3749
6.18763	5.5418	5.76259	5.73221	5.82151	5.70405
5.61879	5.74048	4.67672	5.19032	6.2872	5.26283
9.74847	8.00612	10.7031	7.54739	12.4275	11.2833
7.97064	8.81451	1.91249	1.53288	3.11727	1.89712
13.5727	15.3486	17.6302	15.7113	18.6189	14.323
34.2972	35.3745	43.069	40.4758	31.8581	35.5852
11.3334	9.76254	8.57515	8.48604	9.87657	9.58212
15.9194	16.1356	17.5545	16.495	14.9509	14.9254
0.35896	0.167005	0.284949	0.358367	0.557594	0.450661
9.24446	8.49275	10.5109	7.03298	10.2451	7.15531
6.01055	6.48686	4.73885	5.71353	4.51361	5.22023
7.11745	10.8488	8.59626	8.77878	9.55703	8.45626
54.1081	37.7115	80.8377	50.4571	97.4157	94.4383
0.566667	0.315922	0.751492	0.407743	1.42144	1.02803
0.27322	0.255365	0.344218	0.233456	0.147973	0.689099
0	0	0	0	0	0
8.29637	8.08708	7.36984	6.92306	6.49747	5.7504
0.060919	0	0	0	0	0.0256077
0	0	0	0	0	0
14.0853	12.4765	18.3501	17.5463	20.1002	18.3144
0.84722	1.14133	0.0174489	1.97201	1.84048	0.00171679
0.0599221	0	0.301972	0.273073	0	0.0503772
0	0	0	0.060027	0.0570711	0.0442958
0.176965	0.264204	0.135199	0.25486	0.166435	0.188069
19.3143	20.7632	21.989	22.8749	18.7828	25.0703
71.219	68.6312	71.0613	67.6361	65.6893	66.7306
0.547603	0.194978	0.197114	0	0.508416	0.131536

14.238	13.3734	14.9055	13.7495	17.8975	16.3917
13.0882	9.4179	17.5461	11.9975	14.5334	11.5749
31.3877	31.5084	31.2023	30.9333	28.2358	32.0667
2.82E-07	0.0618544	0	0	0	0
0.685107	0.341512	0.690508	0.468319	0.742094	0
6.22405	5.92835	6.14876	5.20107	5.18254	4.34516
0.11566	0	0.221207	0.205892	0	0.11033
0	0.0157919	0	0	0.0411784	0
6.48162	6.2349	6.67712	6.1901	9.46274	8.8693
2.77174	2.2933	3.64261	2.29034	2.77394	2.8643
28.541	12.2745	41.5869	19.0912	21.4838	11.0869
5.87825	3.51528	9.89816	6.51365	13.2983	10.2021
1.02293	1.29154	0.881767	1.44142	0.714376	0.871301
16.5791	18.1412	12.1275	14.8657	7.93462	9.75534
23.5386	23.8415	25.8585	25.6211	21.1255	18.5338
10.6482	10.0916	14.1607	9.31305	14.6515	13.2896
0.721142	1.05728	0.908534	0.950461	0.995553	0.891578
0	0	0	0	0	0
0.0247535	0	0	0.0282013	0.143	0.0832424
1.33028	0.81574	1.30352	1.87641	1.60104	0.869853
63.7609	58.448	84.2672	71.2916	90.1436	71.8287
43.9413	45.9055	41.7717	41.982	46.6255	49.7952
17.3173	19.4446	17.9228	17.4932	16.0668	17.7165
0.158063	0.225117	0.768096	0.28298	0.342421	0.47459
34.1748	38.8627	36.1918	39.7148	34.4341	39.7108
0	0	0	0	0	0
6.20875	6.4488	8.57463	6.68408	11.8765	8.1304
0.292609	0.333136	0.186598	0.312786	0.219125	0.312815
0.177754	0.221517	0.559861	0.303768	0.673889	0.26152
78.2538	82.7021	83.3938	85.5567	83.3343	81.6501
3.23803	2.54384	3.71849	3.63514	3.72376	2.33838
6.844	4.61831	6.04324	4.51151	8.70817	4.92468
0	0	0	0	0	0
16.7491	17.5944	16.3883	16.6104	14.6359	14.6556
0.213803	0	0	0	0.231587	0.718988
15.1299	14.8817	14.7413	13.6073	16.766	14.9846
8.77557	8.10329	7.97008	6.98649	6.48974	6.47404
16.4987	17.5495	19.3137	16.8725	19.4556	17.8312
1.11807	0.869999	0.930761	0.63184	2.01563	0.817369
0.460212	0.267272	0.796472	0.353369	0.424927	0.205129
4.65755	5.21984	5.72741	5.39023	7.1738	6.09935
0	0	0	0	0	0
19.757	17.5807	21.9493	15.2353	22.2847	15.8549

14.8519	14.7386	16.8249	15.5226	18.4964	13.9547
5.87619	5.56119	5.45644	4.00416	5.77193	4.65437
7.25396	7.53905	8.09754	9.8956	5.56897	5.04161
0	0	0	0	0	0
0.205994	0.128355	0.194642	0.146678	0.223129	0.194829
0	0.124255	0.0837444	0.0378649	0.108001	0.0558834
10.9159	15.2187	10.5722	13.5244	8.72024	10.2095
2.10293	1.34393	2.24179	0.860042	2.10263	0.634652
0.280023	0.174482	0.117596	0.106342	0.40442	0.588546
0	0	0	0	0	0
2.5603	2.19585	4.10248	0.971502	3.1207	0.896747
6.73296	5.92463	6.75391	6.37128	6.22398	6.1977
0.112255	0.209838	0.5657	0.639452	0.243185	0.188748
38.9356	40.1192	35.4744	29.9	32.9087	31.725
26.4597	20.3111	27.0794	20.1621	40.2915	27.4439
8.1452	7.73983	8.98345	7.62108	8.08493	10.7067
24.8909	22.7759	21.0377	17.1652	14.9746	16.8732
95.2023	103.87	97.6229	95.9007	90.2371	93.4741
0	0	0	0	0	0
2.46657	2.7944	2.96627	2.81012	3.00571	3.36972
0	0	0	0	0	0
0	0	0	0	0	0
10.0026	9.89968	11.239	9.65989	12.9007	10.3747
883.255	1045.71	870.098	974.588	898.542	1124.78
9.37358	9.62895	6.50302	7.34779	8.86529	6.88678
0.646854	0.989315	1.00016	1.30641	0.636962	0.469661
1.97022	1.19257	3.40415	1.92398	3.04872	0.757207
12.9758	14.0449	14.6068	16.1114	15.4349	18.3691
0.426234	0.652109	0.781798	0.670021	0.14107	0.109492
58.2112	61.091	67.23	61.961	58.2331	52.2238
0	0	0	0	0	0.0441738
15.0908	15.4513	15.0951	18.8342	17.9478	17.373
20.5973	20.8268	23.6981	21.977	24.9792	32.1369
22.4552	23.2478	17.1443	20.8489	20.338	23.8126
1.41523	1.21932	2.02511	1.57253	2.19533	6.44841
2.57649	3.07432	2.00447	2.23939	3.20608	3.01042
0	0	0	0	0	0
12.4234	10.7544	11.6749	10.7511	11.7906	11.2685
0	0	0	0	0	0
7.23874	6.01839	6.08566	6.44319	7.43439	6.07967
40.0416	45.4821	35.9571	38.0232	26.1804	32.5458
0	0	0	0	0	0
14.4674	13.8316	13.5367	10.7946	16.7656	14.4062

0	0	0	0	0	0
0	0	0	0	0	0
11.8774	11.3098	10.2778	10.3395	10.3137	7.67149
9.37404	8.35393	10.574	9.06531	6.78886	5.93356
8.02093	11.1188	9.90942	9.43673	13.9993	12.9027
110.324	97.768	102.365	95.9361	106.557	109.321
11.3891	12.2693	14.2189	10.8649	12.9309	9.89216
0.19629	0.158285	0.151333	0.0985972	0.0923012	0.057325
28.8415	28.7606	26.0127	29.8467	26.5224	30.0468
11.099	9.89235	11.4739	9.65751	9.51066	9.13914
17.4672	13.9243	13.7934	14.4921	14.7993	16.4304
0.30051	0.214275	0.216214	0.260695	0.27884	0.348787
27.1828	25.4023	29.8639	27.171	25.7901	22.7864
38.1235	40.7988	24.9492	27.2291	15.8924	22.0084
2.52603	1.34912	2.84146	1.46463	2.14983	1.34625
0.0770068	0.0319886	0.161696	0.0584884	0.361453	0.194222
35.8825	40.7987	30.792	35.985	23.4617	32.1045
27.9222	30.0682	27.0817	36.7767	24.9338	33.855
0.210094	0.0581183	0.1468	0.106061	0.328883	0.019593
0.15964	0.198943	0.201123	0.254626	0.172919	0.268423
0	0	0	0.573308	0	0
11.0675	9.64959	10.8654	9.93204	10.5275	9.61882
4.51393	5.16996	4.91278	5.01229	4.63939	4.02037
17.5144	18.0706	19.5419	21.2181	22.2644	23.3917
1.81337	1.85359	1.61723	1.3464	2.06351	2.20096
5.22899	5.59064	7.70714	5.74158	6.76833	5.4002
1.8229	1.53971	2.14348	1.66144	2.67658	2.14555
23.5157	21.5569	22.8162	21.0468	24.8767	26.145
18.7016	23.9799	22.7665	22.898	29.5804	32.9229
0.182564	0.189592	0.19167	0.138661	0.0988747	0.0511612
2.21975	2.66745	1.49816	1.4451	1.03045	0.733138
3.93277	3.63843	3.77437	3.23939	4.3779	3.19642
0.426917	0.440778	0.502205	0.386844	0.367794	0.183331
0	0	0	0	0	0
5.60219	5.98943	5.58249	6.52056	6.8103	7.89034
0	0	0	0	0	0
0	0	0	0.254672	0.121065	0.0939652
75.3199	86.9657	67.369	71.6021	48.4046	61.673
6.92364	7.54945	8.24126	8.3956	6.9056	5.49527
0	0	0	0	0	0
0	0	0	0	0	0
488.156	489.402	464.396	447.199	356.48	442.551
64.4684	84.5879	69.7092	94.9285	66.5318	93.5838

3.81623	4.21159	4.76006	3.22297	5.98456	3.51163
1.85201	1.37036	1.89578	2.04403	3.38523	2.48149
7.36409	5.46722	7.6327	8.07739	4.51161	5.19216
23.1019	26.9265	19.6761	17.3745	29.7093	23.4761
0	0	0	0	0	0.10187
18.2925	21.1776	23.4374	24.634	28.8794	28.5271
1.40827	1.86367	1.61668	1.8054	0.754938	0.862774
0	0	0	0	0	0
8.893	9.84295	9.14007	8.64426	11.7569	12.2402
98.2095	72.9471	77.1908	91.7272	90.7454	101.328
0	0	0	0	0	0
0.232037	0.289388	0.136984	0.103638	0.292618	0.16547
0	0	0	0	0	0
0	0	0	0	0	0
0.387159	0.629288	0.730488	0.550783	0.468844	0.261232
4.88443	5.23658	5.29396	4.7464	4.4608	4.55931
0.235667	0	0	0	0	0
8.29499	7.80236	7.11282	8.56861	5.02986	6.73179
0.628354	0.708478	0.339272	0.374981	0.842673	0.628887
32.7206	38.7307	77.8966	77.6728	112.491	112.794
1.96555	1.58565	2.03368	1.52533	2.49931	1.98774
88.1246	92.6007	105.774	98.6167	91.0003	84.1268
9.48502	5.58538	9.30154	5.50202	11.2336	7.62366
0.142747	0.0702776	0.338524	0.226209	0.154621	0.0967976
0	0.194327	0.392912	0.177655	0	0
33.0882	38.202	31.9064	34.8129	29.5348	27.4694
3.26828	1.99052	3.68805	0.740801	1.89425	0.546855
0	0	0	0	0	0
34.1962	30.2364	14.3575	8.02075	19.8797	39.2302
1.44411	1.09468	1.17792	1.0974	2.23854	1.7574
6.40436	9.56145	8.93806	17.9097	4.79937	8.22494
0.597851	1.30382	1.12981	1.02168	2.26653	1.25655
0	0	0	0	0	0
44.2006	51.2489	37.5612	48.0891	33.3719	45.7178
24.1358	25.6928	32.935	42.5478	24.8618	30.6449
4.21681	4.05986	4.61335	3.71155	5.41607	3.88525
0	0.0282615	0.0285712	0.0516737	0	0
68.2945	70.6652	78.6316	60.4731	84.1493	71.1485
10.0992	10.0684	11.9906	11.064	10.5016	9.49575
4.00577	3.81825	3.456	2.40686	7.68768	3.9899
34.1348	32.3614	39.8574	33.1808	43.1208	37.7536
18.3166	18.472	20.1417	20.2646	18.9227	20.1462
0	0	0	0	0	0

0.094221	0	0	0	0	0.0184556
0	0	0	0	0	0
16.5369	15.678	18.2162	23.2154	21.5992	20.6138
9.08039	9.27847	11.2815	6.82034	9.61773	8.31069
0.543019	0.766937	1.77872	1.48476	1.5685	1.97826
2.20598	1.97299	2.07934	2.66557	2.31508	2.18799
19.3145	21.2663	23.9475	18.2301	18.3256	17.5861
5.14359	5.17813	4.58916	3.85801	5.01627	4.63206
0	0	0	0	0	0
0	0	0	0	0	0
17.4533	16.1122	12.6219	13.5781	15.4315	16.562
0	0	0	0	0	0
11.1974	11.9076	11.8634	12.8056	15.0629	12.7759
0	0	0	0	0	0
24.4723	23.6475	21.3138	21.361	26.5709	22.8874
0.450379	0.398237	0.507052	0.579076	1.01645	0.495178
0	0	0	0	0	0
12.2647	12.3735	13.2901	12.4365	13.7852	11.4002
56.0346	50.9225	51.1637	47.7205	46.4134	47.2997
0.652764	0.434466	0.272911	0.556567	0.445448	0.136587
6.18642	6.86231	5.65278	5.65396	4.7128	3.82931
4.55924	2.41877	3.54754	2.64188	5.3093	1.91195
0	0	0	0	0	0
1.71792	1.40486	1.11592	1.83476	1.71534	1.48932
0.6703	0.594367	0.60088	0.543374	0.795868	0.314276
7.24251	6.77393	7.17335	5.77762	6.44699	5.47615
7.40203	6.6293	7.19401	6.67242	8.64749	5.89753
12.5308	11.9243	10.1487	12.7222	15.2812	14.548
7.26282	6.80985	6.81441	7.45068	5.91907	6.62809
0	0.177511	0	0.162281	0.15429	0.239505
0.615861	0.530606	0.584162	0.196459	0.847524	0.364483
9.75281	8.26467	8.04806	5.94449	12.9409	11.192
0	0	0.723717	0.392673	0.248891	0.0965885
0.929908	1.02525	1.53144	1.67025	1.74288	2.1842
58.2214	57.3767	62.8041	53.7894	62.7922	54.8591
0	0	0	0	0.0934957	0
4.72002	4.2535	2.69576	7.8837	1.64257	3.27754
0.507653	0	0.213189	0.192787	0.183293	0.42679
2.18812	1.54245	1.52333	1.53268	3.39965	2.75927
222.156	245.18	222.562	229.526	176.568	201.047
7.04513	5.69942	7.20235	6.628	9.68918	7.67577
14.2079	12.5839	14.6405	12.8116	17.6495	16.0842
44.2727	82.7588	0	75.6586	23.9776	74.4411

84.2107	55.6594	74.2755	57.6379	89.72	74.6884
3.83624	4.95778	1.96904	4.04682	2.51372	2.62792
2.49609	2.25024	3.0555	1.49247	2.35856	2.72358
26.3344	28.2868	27.2881	21.4244	32.6842	23.5105
0.356465	0.33317	0.561368	0.28428	0.540562	0.464511
0	0	0	0	0	0.0240202
0	0.513051	0	0.205202	0	0
3.85111	2.98271	4.42107	3.66992	8.10898	4.5388
23.1502	22.9785	21.2152	21.7337	23.511	21.7568
0.195343	0.152147	0.276866	0.47292	0.370285	0.225812
2.55803	2.48558	2.69019	2.24771	3.62933	2.45364
0.0643914	0.0802444	0.324495	0.11004	0.139495	0.0541346
3.18044	3.15695	1.48032	1.60366	2.29572	1.62345
1.37814	1.46463	1.73096	1.51729	1.43991	1.42858
15.4914	18.0532	18.0647	18.2084	16.6048	20.2647
145.175	205.85	144.795	213.105	159.266	197.158
0	0	0	0.435198	0	0
0.0161904	0.080706	0	0	0.0175371	0.0136115
1.18566	0.83113	1.30704	1.09752	0.802675	1.37059
1.52E-11	1.03E-09	2.42E-10	0	0.346087	0.268777
3.55169	3.78741	3.72696	3.64687	5.5223	4.73214
0	0	0	0	0	0
5.65495	7.44912	16.0367	19.4013	9.05989	10.6834
7.06768	8.14973	8.12682	7.01568	7.13187	6.16651
2.4877	1.89885	2.72279	1.71823	2.67779	2.05223
0	0	0	0	0	0
70.1595	76.251	79.4452	92.4947	88.2861	92.6698
0	0	0	0.0714047	0	0
8.79549	8.54581	12.2079	10.5301	8.71971	12.2823
15.3102	15.6437	19.8126	15.4422	13.4639	11.6543
7.87429	6.82477	7.03987	6.72696	8.3111	7.44385
4.4441	3.71128	5.47701	5.82001	3.69342	4.4476
59.1582	61.9159	56.4314	65.1447	57.6113	58.9041
0	0	0	0	0	0
0	0	0	0	0	0
0.0551369	0.0114519	0.0347322	0	0.099815	0.0309028
5.26005	5.80942	6.58491	5.68894	6.31727	4.48289
11.3841	10.9206	9.90532	13.5293	9.22595	10.8101
0.199964	0	0.381038	0	0.649792	0.0840562
0.0671116	0.167269	0	0	0.218082	0.282108
10.1946	8.3689	11.6776	7.37048	16.4043	10.6725
1.02802	1.43574	1.20584	0.827925	1.32472	1.07289
42.8187	42.1476	40.0006	41.3008	38.5383	40.8058

0.445363	0.499677	0.253059	0.196338	0.145546	0.0655067
5.49917	4.67434	6.48764	7.82234	7.54042	6.09303
28.3525	30.0863	36.6879	37.6144	33.8814	32.8884
45.2891	53.1565	50.0804	56.0846	46.9029	45.6125
36.8331	30.8428	35.7662	24.0501	31.9333	37.5142
0.590858	1.30593	0.762121	0.522567	3.08294	1.55655
0	0	0	0	0	0
16.0345	17.1484	17.0131	14.1759	16.4209	13.2353
0	0	0.0876123	0	0	0
0.124108	0.0289994	0.0977239	0.141394	0.0840197	0.110861
10.6534	9.28472	8.60369	9.02514	11.7832	11.6177
1.37251	0.763111	0.744871	0.601415	0.892006	0.550315
17.6067	24.2632	17.7223	21.2264	15.924	19.0312
0	0	0	0	0.175066	0
0.536556	0.817606	0.500286	0.835771	0.281747	0.451089
17.5991	19.2424	13.5288	14.433	21.0016	24.3547
0.132782	0	0.0338651	0.0345774	0.117458	0.124035
0.756832	0.852111	1.8241	2.50083	5.00304	3.52627
12.4697	12.7195	14.0226	12.8385	13.1067	12.7742
11.9208	8.13001	10.1595	6.68418	17.1759	10.0381
58.1777	62.9401	62.1212	71.9149	59.0769	72.8208
41.578	54.3356	36.4698	67.1184	37.988	48.2122
18.011	17.2778	14.3102	14.6217	18.6411	22.2034
136.749	166.251	133.745	133.051	98.8227	109.336
43.9018	47.0554	34.8247	37.9138	34.0115	37.8504
0.171229	0	0	0	0	0
0.992829	1.54658	0.859939	7.56432	0.806559	0.886851
19.5084	16.5293	16.1819	16.0672	13.3359	11.6258
0.215833	0.23535	0.0679796	0.184421	0.0292233	0.0226817
326.844	303.761	231.982	261.354	188.791	248.374
0	0	0	0	0	0
0.221173	0.3675	0.0928818	0.167986	0.319426	0.185943
9.03681	7.99064	5.66891	6.57885	8.36692	7.25059
0	0	0	0	0	0
1.08826	0.835203	1.93654	1.07179	2.25293	1.33341
3.20962	1.50116	3.05818	1.71362	4.5399	1.9782
11.6909	12.5699	13.993	12.1499	13.7083	12.096
15.7078	15.0698	14.9186	11.6221	10.0346	9.41357
11.389	12.5994	13.6764	13.3561	19.6813	19.8729
224.067	238.412	218.41	232.342	200.496	201.846
0.0692613	0.25894	0.0872592	0.0526055	0.150045	0.097048
2.45064	2.10518	2.63782	2.33116	1.80402	2.32032
0.783214	0.870205	1.72382	0.698791	1.3492	0.706057



6.65485	6.63462	5.88674	5.80731	6.59492	6.95186
0.848772	1.13069	1.21682	1.56719	0.88767	0.984239
0.0154896	0	0	0.0176471	0	0
19.359	13.0514	20.6497	18.5347	36.8325	31.7319
13.4288	12.8429	12.8853	10.9878	14.7972	13.055
239.998	276.251	215.985	216.387	167.723	204.167
0.741708	0.463054	0.734206	0.181075	0.28693	0.178538
20.4315	19.5514	18.1542	13.6916	19.0117	20.9141
0	0	0	0	0	0
0	0	0.0839943	0.0759558	0.0240718	0
18.3166	18.0962	16.9485	16.928	18.3327	19.9017
74.6974	69.0269	48.1259	77.2092	61.9007	54.8742
3.18567	4.13344	3.44687	3.54398	2.43575	2.80426
40.78	45.7229	47.7723	51.4869	41.2694	38.7561
0.0684674	0.085324	0.086259	0	0.0741625	0.230246
61.6239	57.9852	61.9345	61.1678	62.4411	64.0158
3.23797	2.90997	7.41348	6.63305	7.21696	5.75851
0.572109	0.745369	0.360387	0.325897	1.01405	0.765194
9.44162	8.76887	6.61115	5.38966	6.35149	7.01859
0.0145626	0.0453698	0.0366936	0.0414774	0.0946436	0.0306074
0.0117435	0.0292699	0	0.21407	0	0
1.56911	1.3493	1.72421	1.57003	2.44626	1.95346
23.9621	23.7945	21.9508	24.9556	22.1749	23.6959
83.9137	72.8271	69.4416	67.8107	52.5412	64.1442
0.16592	0	0.104518	0.18903	0	0.0697456
0.442467	0.451663	0.0985576	0.422677	0.160034	0.446468
8.20231	8.30876	9.0514	8.31358	7.21827	6.9153
51.5742	56.4944	58.1321	46.0625	56.4676	48.9961
22.2418	16.8554	18.7915	18.4912	19.127	32.4704
132.593	140.037	110.941	134.888	104.033	134.009
2.86264	1.76704	2.46052	1.0668	3.47748	1.05713
5.39082	5.25123	5.12766	4.88264	4.27234	4.56988
0	0	0	0	0	0
0	0	0	0.0358976	0	0
0.961442	0.812003	0.585368	1.21924	1.00698	1.11774
1.70772	1.66743	1.61916	1.78512	1.8307	1.58372
155.112	181.154	193.624	222.937	197.801	261.053
10.0898	6.9844	9.30538	7.6442	7.47046	7.97587
7.49287	6.99022	8.28487	6.47596	10.1745	7.15421
3.28137	3.94161	3.19381	3.84638	2.45081	2.46987
29.2066	33.9627	34.3328	29.7752	27.9304	23.3214
9.24901	7.72249	9.18598	7.41119	6.6622	6.97226
7.75279	5.21551	6.65565	5.58878	8.99219	6.95047

10.7875	8.73395	9.7698	10.3431	10.0149	8.64104
10.478	11.3796	12.5383	11.8714	13.0552	10.0913
0.401491	0.117726	0.267787	0.134533	0.460468	0.238262
4.43986	3.62456	5.99609	4.22985	7.79251	4.48288
0	0	0	0	0	0
0.176887	0.349024	0.482846	0.151143	0.223534	0.359385
0	0	0.104068	0	0	0
12.1987	11.7314	11.8106	11.0229	11.6838	9.31025
67.0659	65.017	65.331	58.4415	64.2163	63.5324
57.6433	62.7579	57.4323	64.2322	45.791	53.3931
8.00477	7.88373	6.86763	6.37532	6.15991	5.99295
31.7379	32.238	31.7184	30.1485	34.6293	39.0771
0	0	0	0	0	0
17.813	17.5981	12.2821	13.8833	11.7244	17.2355
0	0	0	0	0	0
0.9506	0.936559	0.835671	0.67993	1.17318	0.650406
11.1091	11.9686	9.07272	9.68279	12.3532	10.5219
20.6753	17.2061	14.8133	15.4646	18.2843	12.2927
16.0828	19.1381	19.7803	20.4017	17.4598	19.0481
18.9286	15.778	16.7818	17.5709	15.5768	15.7376
0	0	0	0	0	0
25.1186	22.3834	23.0218	19.2752	20.1773	18.0952
25.5064	24.6092	25.0176	23.9141	24.6965	22.9119
13.6617	13.913	14.1583	13.3746	16.7736	14.172
0.324959	0.0809927	0.245641	0.37022	0.63358	0.382476
3.61801	2.88763	4.58377	3.3346	6.27473	4.47712
2.0444	2.12552	2.42116	1.98076	2.71713	1.94859
369.49	386.869	198.798	211.708	151.303	205.89
106.79	108.601	105.916	117.787	92.9067	128.57
21.5252	24.843	22.4638	22.3805	20.5063	21.8924
6.83066	3.08808	4.19423	3.43687	5.42659	3.67745
0.359581	0.127272	0.357413	0.209438	0.280018	0.281001
8.44846	6.50929	7.06644	7.74807	8.35379	9.54888
0.386896	0.160716	0.406193	0.440783	0.349231	0.271056
6.58292	6.21409	11.8591	10.0273	11.8804	10.4499
62.6402	62.0439	60.5901	53.2083	51.129	46.4561
0.389206	0.199717	0.201906	0.312999	0.223189	0.32721
1.12072	1.47015	0.334409	0.672012	0.734757	0.942206
0	0	0	0	0	0
2.78967	2.53792	3.93993	4.88814	3.48275	2.26283
0	0	0	0	0	0
0.17191	0.146482	0.206785	0.125089	0.21992	0.18378
0	0	0	0	0	0

4.42592	4.63227	5.15898	3.95175	2.28986	2.03968
2.01319	2.538	2.32995	3.0135	2.5609	2.87308
2.08913	1.72853	1.7259	1.32662	0.871773	0.863781
0	0.0143957	0	0	0.0667338	0.029135
31.0849	29.8747	31.4616	31.9973	31.2585	29.4192
0.047003	0.0292875	0.148042	0.0803245	0	0.019758
6.3125	6.3637	6.5221	5.00387	6.44967	5.31222
7.40537	6.93988	6.76713	7.78436	7.95717	8.23464
0.286331	0.499011	0.408388	0.456199	0.660928	0.448858
12.8534	13.1644	15.3572	13.081	18.8469	15.1117
1.91379	2.12475	2.22628	2.58444	2.36434	1.92847
0	0	0	0.510381	0.485247	0
3.15194	2.37607	2.88544	0.833709	3.05963	2.86021
0	0	0	0	0	0
12.4322	12.3364	10.2743	13.0743	9.15008	10.9633
38.2722	35.9261	37.2874	34.6961	30.8837	36.9468
5.20272	4.99475	6.03326	5.20891	6.39457	5.88319
0.602381	0.54408	0.648978	0.487462	0.714034	0.440404
2.80003	2.39194	2.42805	1.86915	2.89363	2.05533
11.9816	11.9623	14.7349	11.582	15.6746	13.5073
0	0	0	0	0	0
76.5832	77.4189	73.0754	71.437	70.9303	78.8406
0.209316	0.130425	0.0879026	0.23847	0.34009	0.263962
29.7341	28.3102	29.9643	31.3311	30.9978	32.0459
0.0131523	0	0	0.0149842	0.0142463	0.0110573
12.9097	13.286	9.19629	8.86637	13.8931	12.768
213.908	88.5047	152.784	95.5116	206.694	135.969
0	0.133828	0.225491	0.203911	0.348965	0.0601889
252.619	288.45	262.668	257.449	218.126	256.25
194.291	214.978	175.908	172.255	158.151	191.015
0	0.0625286	0	0.114328	0.163047	0.0421831
0	0	0	0	0	0
0.0409116	0	0.0257713	0	0.0221573	0.0515923
5.54443	5.82278	6.33517	5.4474	7.09969	5.21109
0	0	0	0	0	0
38.4931	36.7441	36.1484	33.5917	36.3193	37.6208
0.193627	0.241298	0.29273	0.242656	0.461413	0.390683
0	0	0	0	0	0
0.0529196	0.593556	0	0.542633	0.0737013	0.494353
0	0	0	0	0	0
39.9212	36.7539	26.6151	24.6167	23.6956	24.5501
1.48467	1.20829	1.79412	2.3128	2.62557	1.75764
17.2243	19.2436	15.0337	18.0574	10.5056	14.1775

0	0	0	0	0	0
74.8118	62.7271	62.1177	58.1442	46.3192	57.4238
22.6647	22.2483	20.0641	22.7842	16.227	23.7199
0	0	0	0	0	0
39.0934	53.2041	26.0402	34.4842	16.5188	14.0251
19.176	22.0136	19.5723	19.9452	12.4854	18.674
27.442	26.7969	26.4304	24.585	19.2583	24.0057
69.1735	74.9922	45.9297	45.1589	35.1883	46.5752
0	0	0	0	0	0
0.724791	0	0.913131	0.275247	0.261693	0.203114
12.9963	13.0682	13.681	10.9562	14.4631	11.323
0.398423	0.413762	1.00391	0.832181	1.11487	1.24214
300.978	342.116	314.152	346.421	307.152	360.977
0.17532	0.382346	0.0552194	0.0998695	0.189903	0.257939
2.12961	1.98072	2.0543	1.33834	2.14643	2.29739
0	0	0	0	0	0
10.4371	11.4942	7.49308	8.65161	10.5492	13.3426
3.34519	3.19926	3.37554	3.03432	3.78876	3.05522
11.1591	10.7928	11.003	9.25019	11.0773	9.62242
0.767213	0.701847	0.98217	0.922133	1.26322	1.19752
0.697618	0.797973	0.875256	0.876661	0.769817	0.611438
0	0	0.0535491	0.0968487	0	0
0	0	0	0	0	0
25.5714	26.1793	22.8691	26.9724	24.8767	26.9472
4.94771	5.93013	5.8821	7.8671	6.83639	6.19558
0	0	0	0	0.224103	0.173938
13.1913	16.261	14.9032	16.7179	10.4695	11.3024
2.6634	1.85481	3.84895	4.19457	4.32741	4.28074
0.121121	0.134168	0.244153	0.137991	0	0.0905128
13.9012	15.3854	12.5801	10.0365	14.7234	14.5685
92.4109	111.006	102.66	121.106	82.5199	110.338
1.3723	1.67601	1.06751	0.830923	0.959761	1.02278
18.3737	19.1557	19.3113	17.905	16.0119	14.9035
185.488	186.297	183.469	219.691	217.874	304.695
306.29	295.835	175.364	161.435	166.923	174.105
0	0	0	0	0	0
27.52	26.0336	25.36	15.9048	32.4126	27.4977
4.35906	4.5098	3.73027	2.6424	2.85081	3.23601
3.93653	3.78592	3.944	4.48482	2.41007	3.48935
16.8419	17.3266	20.5285	24.5287	21.2319	19.7709
0.106154	0.264577	0.066869	0.0604695	0.229967	0.223111
0	0.189029	0	0.46083	0	0
51.6017	32.153	65.0107	29.3945	111.788	0

480.806	470.23	296.817	296.959	366.903	478.887
8.41553	6.64533	4.7243	3.98743	5.26532	4.20319
0	0	0	0	0	0
7.53624	6.13581	11.8049	4.40739	8.59846	3.90704
0.0666638	0	0.0839867	0	0.108313	0.0560451
0.618343	0.386359	0.311609	0.246564	0.200933	0.10397
9.37486	9.46468	9.48832	7.74492	10.3566	9.1738
10.002	8.99074	10.9924	7.50667	13.9289	9.41196
0.657474	0.449317	0.454241	0.265792	0.620271	0.606238
5.96863	5.67767	7.06696	5.12227	6.17797	3.93107
13.1053	11.5007	12.3557	10.4481	11.4065	11.188
0.561322	0.408053	0.494842	0.205555	0.871002	0.202247
2.70206	3.48054	3.19552	2.57587	1.47357	1.46747
1.02117	1.14403	0.792706	1.08114	0.815615	0.96257
0.704296	0.65827	1.20421	0.45851	1.58025	1.24766
2.58668	2.91651	3.25883	1.96464	3.53565	3.46908
2.55752	2.92522	2.16278	2.87382	1.70769	2.12068
0.468915	0.29218	0	0	0	0.788445
1.97555	0.273547	2.4889	1.00032	4.75528	1.29179
0	0.286653	0.579588	0	0	0
8.09999	9.59555	8.43994	8.99542	13.0462	9.76992
5.92326	6.59994	4.08654	3.23736	3.4975	5.4562
0.824433	0.948376	0.719076	0.578007	0.961702	1.49285
55.4199	54.0431	53.381	54.9244	48.3806	58.6011
20.4163	18.8657	14.9313	13.9243	12.687	14.0894
5.78821	6.07898	5.72225	6.288	5.38785	5.43545
0	0	0	0	0	0
21.6885	19.1418	19.2791	17.3685	17.0119	17.0245
6.15759	6.68898	6.99299	7.20439	7.89665	8.43439
88.2289	107.272	93.1283	128.059	72.3775	95.6667
37.0856	43.2058	29.8952	38.0421	32.1671	41.85
29.1835	31.3947	37.0112	28.7243	42.4033	37.3593
0.126042	0.251318	0.222313	0.804148	0.518801	0.445054
0.481647	0	0.303402	0	0.260855	0
2.46131	1.92237	0.575878	0.731239	1.03745	0.735894
61.8225	65.5009	76.4263	71.0234	66.3634	84.8439
0.470977	0.651357	0.63059	0.768555	0.589649	0.457054
22.6075	23.1896	19.4549	23.1617	24.0969	26.2447
0.316787	37.208	0.698435	411.257	0.428922	14.3151
19.1303	17.1928	19.6954	19.6448	26.7146	27.9918
0.359759	0.158593	0.135278	0.248549	0.670751	0.160373
2.23756	2.63353	1.72272	1.27461	0.807892	1.88114
0.619983	0.439536	0.781089	0.358923	0.629997	0.585802

2.69503	3.33992	3.17214	1.83214	1.77475	1.60618
0.177855	0.222648	0.161823	0.275456	0.41368	0.535053
5.27959	4.7433	5.95543	6.29472	8.11264	6.19342
3.31614	4.61849	5.28364	5.5556	4.43706	4.55071
56.6478	57.4567	58.8428	51.7671	48.712	45.1563
0.372909	0.103271	0.261006	0	0.359047	0.104503
0	0	0	0	0	0.0281365
0.102978	0.128332	0.389213	0.117322	0	0.17315
17.1286	19.7551	22.5443	14.5704	1.91293	1.857
103.865	109.08	114.065	95.3347	105.683	86.6784
0	0	0	0	0	0
0	0	0	0	0	0
6.46319	6.51336	6.93302	4.297	3.72804	3.58011
0	0	0	0	0	0
9.34851	11.0406	10.4661	12.5206	14.9562	14.1572
5.15514	5.1209	7.24149	5.83576	6.80188	7.37557
0	0	0	0	0	0
3.05036	2.5637	3.00886	2.66703	3.68828	3.63797
0	0	0	0	0	0
18.552	17.5861	21.3252	16.6945	23.0726	18.0663
1.76241	1.91896	3.22076	1.84065	5.54059	4.74001
0	0	0	0	0	0
17.4513	15.88	19.2295	16.3323	17.3102	17.1732
8.72299	9.73059	10.6604	9.34242	7.46684	6.15247
29.2666	27.5445	23.884	31.0537	35.5808	50.3848
6.70983	6.60002	6.91159	6.25013	6.30803	5.60556
7.28567	7.52315	7.39793	6.38049	8.56773	7.59259
0	0	0	0	0	0
0.873474	1.2732	1.26203	0.96679	1.52247	1.30934
1.80996	0.451114	1.36817	1.92458	2.48331	3.44908
2.37785	3.47079	4.75015	4.96907	4.55361	5.50025
5.78474	6.77745	6.12223	5.87436	7.00347	5.86731
12.4023	13.4333	10.0465	11.596	11.3939	10.9827
2.61766	2.53121	1.8768	1.79975	1.85805	2.01064
0	0	0	0	0	0
3.40565	4.19708	3.15847	3.72614	3.11663	3.70692
0	0	0	0	0	0
7.68994	6.5906	0	0	0	0
0.0258979	0	0	0	0	0
0.0620007	0.309061	0.234335	0.176591	0.268631	0.156374
3.55033	3.22956	3.94459	3.03363	4.26969	3.06772
0.130173	0.162221	0.0803255	0.0726382	0.141001	0.0916899
734.355	351.99	608.219	338.577	728.629	391.207

42.1096	47.91	38.6448	40.4318	42.7922	53.9509
3.15895	2.71989	3.97982	3.35028	2.70004	3.61184
25.1296	16.5298	35.7917	22.7499	4.02289	2.67632
35.5292	33.9915	40.6452	31.5164	37.7504	39.5348
2.32634	2.01065	3.26175	2.18013	3.33269	2.01887
0	0	0	0	0	0
0	0	0	0	0	0
0.737399	0.590751	1.03961	0.700088	0.950876	1.2694
148.26	121.188	145.453	140.385	153.62	137.118
42.584	48.8846	38.8098	41.5274	32.4876	38.5
0	0	0	0	0	0
0.146087	0.158033	0.136332	0.188781	0.0219765	0.0682306
0.372311	0.463973	0.234529	1.2725	0.470493	0.417342
0.0646016	0.0805064	0.108518	0.0245331	0.1866	0.108623
2.1087	4.01908	0.468821	1.13054	1.61231	3.12849
5.26233	5.31137	5.53394	5.10342	5.55873	5.59412
0	0	0	0	0	0
16.3427	14.8754	15.0247	18.8311	17.251	21.7219
23.6936	25.5025	21.2843	24.3121	21.2676	21.2719
52.0847	53.2296	51.1607	48.8562	51.967	44.6351
0.400481	0.166498	0.16835	0.152345	0.144583	0.112389
1.12418	1.16745	1.98956	1.52471	1.18869	0.630072
17.5071	19.4943	19.5971	19.3893	18.9989	20.0282
152.448	151.577	164.873	155.884	158.347	150.924
0.179021	0	0.150361	0.0679853	0.0646374	0.150505
7.54757	7.75689	8.27675	6.40979	8.56171	7.26425
2.46561	1.98235	2.32973	1.22329	2.43378	1.1033
33.1204	30.7726	26.155	28.4	28.6515	27.6116
24.887	24.8501	23.346	21.3466	21.0521	18.3424
5.19055	4.94647	6.07798	6.53964	5.62249	5.90391
6.45778	5.72279	4.70072	5.23181	7.46126	3.86072
40.8728	38.1531	39.9548	43.9889	38.961	42.0469
8.03103	8.36961	8.04382	6.51217	9.28692	7.54225
0	0	0	0	0	0
0.250903	0.25014	0.331906	0.314434	0.20383	0.179296
0	0	0	0	0	0
1.34687	1.35606	1.88048	1.16486	2.26572	0.806135
9.10704	7.33936	15.9138	9.45887	12.6467	14.7045
0	0	0	0	0	0
28.3323	28.0866	26.5976	22.9135	28.4387	27.1425
0	0	0.0993107	0	0	0
6.39368	6.977	7.0933	4.40314	7.33905	5.41536
0.0425048	0.159818	0.171559	1.20E-13	0	0.115578

7.91772	5.75119	7.80181	6.23206	11.5149	5.5533
7.04885	7.35774	8.34897	7.20573	8.96582	6.60896
1.49408	1.7044	1.80885	1.88495	1.49681	1.26451
14.8388	12.1001	18.2692	13.8515	17.4678	11.7298
10.0031	10.6505	7.72867	8.68563	7.25857	5.75622
1.98142	1.94505	1.45644	0.988447	2.5303	1.83752
0.547527	0.0620297	0.564385	0.28354	1.61746	0.753238
1.603	1.10981	2.24394	1.01459	2.70096	2.39584
1.49741	1.98646	2.09951	2.2838	1.98821	1.62437
0.983118	1.11432	1.41706	1.27097	1.17596	1.09923
0	0	0	0	0	0
0.0325369	0.147187	0.114845	0.0333618	0.010573	0
0.188435	0.352242	0.237401	0.500923	0.272146	0.23763
10.7225	10.4152	11.86	11.9544	10.4331	9.85425
0	0	0	0	0.0789469	0
40.0978	45.6853	36.9713	37.0482	51.0763	52.8042
0.247651	0.3968	0.356576	0.322451	0.268251	0.26769
0	0	0.0762464	0.0126642	0.0120405	0.00934529
10.0509	10.4582	11.4696	9.25086	10.8659	8.96374
11.4915	8.9253	12.4599	9.12993	8.12559	4.14613
47.223	42.1624	44.2656	34.5122	48.5874	37.6708
97.5935	60.8104	122.954	83.3899	52.8556	61.536
0.0300935	0.0375025	0	0	0.0651934	0.0253
28.1145	26.6473	30.4314	28.808	36.3966	36.8097
0	0	0	0	0	0
0	0	0	0	0.0381746	0
0	0	0	0	0	0
7.8335	7.14692	8.51688	7.18191	9.6218	6.27597
4.48034	4.76455	6.08766	4.26109	5.6766	4.74462
0	0	0	0	0	0
0.0901563	0.216063	0.0174744	0.0158021	0.0976555	0.040813
3.14359	3.03648	3.14928	2.53146	3.829	3.49196
2.8508	3.18676	5.56212	3.80662	4.41572	3.87612
73.7028	77.9697	70.2279	76.5976	70.703	83.8781
10.4975	11.523	11.5807	11.371	12.549	10.8603
1.2394	1.31687	1.79047	0.456934	2.09286	0.919015
0.24995	0.214819	0.336617	0.216027	0.252069	0.166659
19.2305	20.8051	22.2384	20.2273	19.7782	20.4976
0	0	0	0	0	0
0	0	0	0	0	0
21.3561	19.6341	16.8317	19.9573	20.9031	19.2368
0.275335	0.171561	0.173441	0.268872	0.0213026	0.115739
0.847669	0.62836	0.519864	0.600505	0.420553	0.308434



0	0	0	0	0	0
0.262888	0.327611	0.294692	0.5146	0.426286	0.221013
0	0	0	0	0	0
0	0	0	0	0	0
1.57111	0.743531	1.21208	0.720699	0.569985	0.522695
0.068896	0.085858	0.173598	0.078492	0	0
0	0	0	155.634	0	0
1.13896	0.936871	0.924341	0.252833	1.17237	0.521616
2.47918	1.67588	2.80183	2.68959	1.13779	1.13457
9.03082	9.62988	11.6121	9.65224	10.5888	12.0277
0.196509	0.124669	0.299135	0.117928	0.233585	0.197422
1.12E-08	1.09E-08	1.39E-08	1.14E-08	8.24E-09	0.130206
0.0942571	0	0	0	0.102097	0.0396215
0	0	0	0	0	0
74.792	73.2693	60.3087	53.3304	45.5887	53.7426
0.0675523	0.105229	0.191489	0.153922	0.219514	0.0851881
14.7225	13.672	11.8983	11.2815	13.9389	12.3774
15.123	15.8051	13.8662	12.7814	14.5551	13.8346
5.80745	4.04541	7.93008	3.90267	2.2848	2.22927
22.8262	22.4337	21.8612	25.1692	20.8372	22.7678
0	0	0	0	0	0
13.6046	9.23055	20.8706	12.0866	15.2171	9.08472
0.132187	0.732739	0.446835	0.706733	0.697699	0.458088
7.31973	6.93065	6.54714	5.60895	5.60079	5.5406
0.425758	0.728614	0.805258	0.448245	0.593174	0.363476
6.07591	6.16754	8.40178	9.38537	7.94025	7.51241
6.5824	7.59212	11.1601	10.3846	8.34352	9.55678
10.9157	10.3608	12.7726	12.6746	18.9179	14.9346
0.985448	1.32884	0.998246	0.793401	2.16824	1.45565
0.0638395	0	0.0804285	0.0727313	0.0691497	0.0536707
0	0	0	0	0	0
7.59414	7.74988	7.80969	8.49291	7.5997	6.6582
5.189	4.65136	5.30446	4.48566	4.36338	4.22852
7.21708	7.37969	9.49043	7.85344	7.70791	7.78144
0.589767	0.445329	0.473	0.346372	0.348651	0.300626
87.6806	98.0262	85.569	84.0252	73.0833	88.9442
9.1702	9.73904	10.6399	9.40493	10.941	9.15908
21.0608	20.8786	17.3783	18.4172	20.552	17.5625
14.7605	17.5329	16.5509	17.8439	15.0114	14.1785
5.80534	6.50451	6.74353	6.64426	5.91324	5.97764
0.0200013	0.0747768	0.0251987	0.0227871	0.021665	0.0336307
1.71761	2.78658	1.16841	2.17074	1.7269	2.5871
0.801392	0.666548	1.49889	1.12672	0.733011	0.757374

8.39458	9.82083	8.97876	8.5879	9.50109	8.75697
0	0	0	0	0	0
3.8831	3.46094	4.60036	3.86735	4.93011	4.60489
1.04586	0.993029	1.00391	0.907834	0.611382	0.600135
0	0	0	0	0	0
1.10319	0.499923	0.631751	0.685549	0.325895	0.337259
6.17236	2.01555	3.49309	3.15879	2.93173	2.49747
1.22265	1.13157	1.88352	1.41972	3.32472	3.77061
0.302537	0.424149	0.524084	0.775519	0.655403	0.445106
6.23288	8.76322	6.88605	7.28309	6.57821	6.01935
3.51056	3.21395	2.9933	2.03289	2.48047	1.98857
2.79839	2.60978	2.99789	2.38239	2.6423	2.33716
43.0651	35.9865	37.4323	40.9496	29.5313	26.9747
0	0	0	0	0	0
1.13974	1.23772	1.16923	1.53963	1.23454	1.21827
0.180258	0.12327	0.10428	0.121923	0.402054	0.254491
0.0523364	0.0396221	0.150042	0.100768	0.0774878	0.0476849
6.17397	6.76557	7.04086	7.94357	8.7053	7.87535
0.875039	0.664922	0.860426	0.972601	1.27147	0.771541
0.435096	0.722954	0.487251	0.495697	0.81166	0.772224
24.4664	24.3004	32.0651	26.5652	35.653	29.3184
7.05686	8.12421	9.2293	10.3368	10.8834	13.0239
0.0931469	0.0985098	0.0806052	0.203299	0.0586256	0.164275
166.044	179.178	168.438	171.375	153.173	176.39
0.1139	0.283884	0.239162	0.173019	0.411247	0.191514
37.2827	39.3325	38.6265	41.8012	32.7655	37.6003
25.395	27.2452	23.2137	23.4938	21.4061	23.0354
27.3055	33.8461	27.1577	29.4398	24.1474	26.5027
60.4795	58.0721	56.443	64.1595	60.2846	70.3207
0	0	0	0	0	0
0.291348	0.308318	0.373976	0.231816	0.666697	0.5036
34.5379	38.9776	35.5984	31.5855	35.6903	32.1861
0.363801	0.211572	0.42778	0.524998	0	0.0203901
8.08751	9.73167	8.88622	13.0959	7.20923	10.0429
2.63003	2.52208	3.2312	1.98694	4.46513	1.97587
4.18135	3.44228	4.24624	3.69551	3.78802	3.08921
0	0	0	0	0	0
37.4132	35.9761	32.6048	35.854	27.0422	36.9818
10.8396	10.9225	8.83376	10.3115	11.7412	13.2634
0.462765	0.399252	0.672712	0.324443	1.11819	0.71825
38.0308	101.692	31.5082	154.134	29.4244	13.2062
0.570937	0.41853	1.14241	0.803507	0.909451	0.621168
0	0.0286563	0.0289703	0.0523955	0.0498153	0.0193321

11.4547	10.2486	8.51075	7.91933	10.8168	13.5809
0.129623	0.0807678	0.367438	0.0738385	0.280809	0.0544877
1.40558	3.05901	3.59298	2.77336	7.57937	10.5067
1.29534	0.896809	1.19676	1.01664	1.87079	1.04061
2.31443	2.16184	2.02756	1.69591	1.74654	1.6793
4.69945	5.19231	3.7713	3.41146	4.5258	3.36386
25.1008	19.9901	19.0035	20.7433	23.934	26.2466
81.8458	80.8168	52.9836	60.1848	41.764	62.9418
0.757403	0.858067	0.433735	0.902118	1.2679	0.926193
0.104468	0.260376	0.179142	0.436403	0.113158	0.14638
0.0201201	0.150442	0.0253483	0.114612	0	0.0169152
7.18051	5.88384	6.05847	5.20472	5.51666	4.22664
0.385715	0.120169	0.485945	0	0.208899	0.243207
3743.71	4527.27	3471.94	3787.58	3358.95	4487.69
5.77886	6.44661	6.04753	6.05281	4.64418	5.99459
11.6763	11.6965	11.734	11.2464	12.5155	10.9668
0.718085	0.955185	0.685037	0.42407	0.423683	0.374044
3.02213	3.25336	3.84669	3.63827	3.54329	3.09045
11.8703	11.8027	12.4093	10.7182	14.9778	10.5634
14.0088	17.8275	12.5415	13.4078	16.451	15.6671
0	0	0	0	0	0
0.111899	0.139448	0	0	0.136358	0.018512
125.064	76.0888	67.4973	55.6245	89.2357	53.3119
2.82914	3.66128	3.7014	1.98351	2.47987	2.93425
0	0	0	0	0	0
0.0721828	0.179908	0.0909398	0.0822366	0.104249	0.0809133
0	0	0	0	0	0
12.5114	12.5855	14.676	13.2002	17.3835	13.2926
0	0	0	0	0	0
0.215416	0.228272	0.195395	0.176695	0.199109	0.154539
37.6841	37.2682	41.8403	43.6217	37.2535	39.5765
15.9569	18.276	17.8254	15.8579	12.4036	15.2489
1.95419	1.32446	1.07982	1.13272	1.22548	2.10408
0	0	0	0	0	0
2.12321	2.97126	2.34604	2.79565	2.65798	2.22394
0.0338211	0	0	0	0.0732686	0
0.345757	0.178296	0.465646	0.312416	0.658634	0.415977
15.4985	15.5154	16.9386	14.3305	12.9297	11.8968
0	0	0	0.0306756	0	0.027623
0	0	0	0	0	0
2.95373	3.31351	4.12513	3.99891	3.38829	2.79799
6.61634	5.6307	2.12759	3.17501	3.93094	5.00939
27.4739	28.6627	28.76	30.9085	23.7328	27.3411

4.03258	3.68546	3.0303	2.75175	3.03235	3.11371
0	0.0832465	0.0841587	0	0.21707	0.11232
76.1737	69.9068	56.4156	60.582	65.7706	49.6158
0	0	0	0	0	0
0.582918	0.822081	0.721318	0.828388	0.779263	0.652579
0.856081	0.551005	0.865472	1.02037	0.784641	0.557925
34.3091	33.9835	34.2759	35.1862	31.1866	31.1544
0	0	0	0	0	0
6.64261	6.9504	6.86866	6.90741	6.53332	4.80743
2.33728	1.65054	1.40688	1.42017	2.27853	2.33614
258.285	251.1	311.383	311.444	270.623	278.387
0.903633	1.47878	1.29028	1.52156	1.05182	0.78226
21.6524	14.2152	33.7919	24.0568	28.3804	23.17
0	0	0	0	0	0
0	0	0	0	0	0
0	1.23E-06	0	5.86E-06	0	0
0.164847	0.246519	0.0830735	0.112685	0.178559	0.0554357
0	0	0	0.0366141	0	0
3.22957	3.62264	3.94918	2.91145	4.54865	2.62516
2.67108	2.69994	2.61735	2.48521	3.69694	2.81948
0	0	0	0	0	0
19.6855	21.7938	16.4993	23.0475	14.663	16.2373
284.072	279.907	256.284	211.368	260.686	210.495
6.87394	9.17817	3.34597	3.38172	4.68983	3.7526
235.831	256.068	234.805	247.529	178.982	198.095
27.5777	28.2475	24.7246	24.9664	31.6168	36.0045
48.9303	58.9944	56.473	60.4518	59.3926	62.8585
40.4404	38.5998	41.0444	41.4629	38.6884	44.624
0	0	0	0	0	0
0	0	0	0	0	0.0674847
43.0428	42.4908	38.893	40.4202	26.9091	30.5698
0	0	0	0	0	0
0	0	0	0	0	0
19.0972	18.7788	17.4808	17.111	15.0833	16.975
35.0475	34.0026	34.7265	31.1383	29.5714	27.4328
11.0092	10.8753	10.1487	10.962	10.1434	9.88574
0	0.00738925	0	0	0	0.00996989
0.318574	0.277905	0.602752	0.254062	0.552692	0.45531
0	0.0747515	0	0.0341686	0	0
1.19949	0.758583	0.613516	0.2774	0.52748	1.02351
0	0	0	0	0	0
0.589372	0.734474	1.85631	0.671461	0.957593	2.47746
0.253005	0.832261	0.480404	0.538626	0.303848	0.145107

0.0327633	0.204148	0.165108	0	0.248419	0.358078
10.8799	10.5295	13.3947	10.7094	15.3485	11.4682
8.17112	8.63928	8.15168	8.04551	6.61475	7.11823
4.30718	4.58704	5.33874	4.45779	5.73758	4.04367
0	0	0	0	0	0
8.37021	9.43811	9.58535	8.30666	8.69972	7.79128
0	0	0	0	0	0
20.4244	28.4298	16.1744	19.7368	11.8303	13.056
0	0.0254559	0	0.0465438	0.0221259	0.0171731
12.1067	8.49576	8.98375	30.2194	9.84588	13.9003
0.846361	1.21724	1.10634	1.46603	1.44251	1.20384
1.31616	0.729804	6.92E-07	0.402639	1.17274	0.0132944
13.5728	15.4603	15.069	12.2874	14.8334	11.8787
350.283	189.684	148.408	152.245	59.1944	104.708
0	0	0	0.0228825	0	0
45.4281	50.256	60.64	50.9601	48.9752	53.6897
2.47061	2.43581	2.6004	2.01306	2.60836	1.99819
7.68994	6.5906	0	0	0	0
0.0185462	0.0462245	0.0700965	0.0845174	0.0602666	0
0	0	0	0	0	0
0.750414	0.464953	1.06033	0.90089	0.505729	0.782394
0.861464	0.962497	1.57184	1.04914	1.41577	0.998956
69.3068	64.7775	29.1055	26.32	100.096	0
16.7721	12.6537	12.738	12.9189	10.8817	11.5269
12.0153	13.8754	16.0819	15.253	16.9593	18.316
12.3162	12.8688	11.8992	10.9326	12.4676	11.646
36.0058	33.9581	40.3924	39.5621	41.234	44.7458
8.6483	8.20192	9.45465	8.61429	8.51084	8.43261
0	0	0	0	0	0
5.46814	6.32814	7.42911	5.93549	5.37533	5.1146
124.724	136.232	132.446	132.267	95.3166	122.989
38.9442	42.4441	42.3071	47.7156	35.4108	41.1439
403.71	524.219	390.81	562.116	314.936	439.972
1.56959	1.94508	1.13077	1.10904	0.516959	0.969652
0	0	0	0	0	0
2.97357	3.04221	3.15411	2.1818	3.18836	2.52947
2.50598	1.04911	2.33864	2.08092	1.20595	0.897078
0.341025	0.141662	0.334166	0.431694	0.574609	0.414128
0.175436	0.218628	0.138139	0.308443	0.140761	0.0204841
1.4873	1.3905	2.20195	1.1014	2.57778	2.12578
178.461	198.428	190.656	206.801	156.617	148.964
7.08197	6.04623	14.8376	10.8321	24.2846	20.3617
264.277	290.086	271.776	291.162	213.358	226.19

194.376	177.892	179.853	185.601	177.221	171.297
0	0	0	0	0	0
15.1755	15.4753	14.2164	12.2151	13.3232	14.2911
73.0321	81.9585	69.5822	80.4974	54.0993	69.8229
0.0461101	0.172387	0.116184	0.105065	0.199782	0.348888
15.2658	16.9364	12.3412	13.5787	18.1121	20.1409
9.38693	9.09394	10.5303	8.50751	9.78172	7.38103
0.0231707	0.0288753	0	0	0	0
6.55105	5.37932	6.58991	4.30067	10.3047	8.2542
53.6857	59.0593	55.8193	74.5676	52.6704	46.5523
6.50861	5.49829	6.90574	6.70529	8.18091	6.80975
0	0	0	0	0	0
1.25591	0.626079	1.68815	0.572447	0.635062	0.774326
52.772	49.9514	47.1621	41.2524	36.1381	39.8132
29.2311	26.6854	28.7715	24.5213	24.552	24.3294
0	0	0	0	0	0
0	0	0	0	0	0
14.6527	13.3038	10.8124	18.9591	19.2725	26.7492
156.05	174.332	152.532	194.97	129.529	144.325
6.8496	7.73703	6.84408	6.72726	7.27315	7.60241
0.0705841	0.0879618	0.0889257	0	0.267593	0.118682
0.294323	0.203769	0.350203	0.335317	0.460495	0.481134
0.623793	0.820558	0.523926	0.355339	1.12613	0.874051
37.7002	35.3244	38.7259	32.4831	38.6944	36.4863
7.5263	8.72723	8.97498	8.758	7.67278	6.93651
9.88177	11.6719	13.7138	13.0731	16.4407	13.2191
19.1452	17.9452	18.8776	15.5509	18.2986	19.1787
10.0155	10.8908	7.65328	7.72669	8.69278	8.89368
0.49566	0.910281	0.394395	0.624139	0.113029	0.350912
0	0	0	0	0	0
2.4868	2.16509	3.11155	2.969	2.10326	2.29116
0.93904	0.851634	0.910517	0.560121	1.33667	0.950661
0	0	0	0	0	0
1.898	1.98684	2.19991	1.70826	3.04269	2.32968
11.8987	12.3638	11.7606	10.8293	12.5369	11.5716
40.9019	38.5655	47.261	32.4178	41.6071	28.6337
25.7608	23.5644	29.2087	31.421	20.3818	22.475
1.39315	0.780005	1.22098	0.736088	1.61838	0.678978
1.88742	1.99024	0.670682	0.882176	0.366946	0.528925
1.69685	1.57891	2.9644	2.01052	2.42616	1.61677
1.16583	0.54973	0.873327	0.61026	0.443688	1.03311
0	0	0.0256348	0.046363	0	0
0	0	0	0	0	0

42.5838	34.8631	27.9261	25.2535	24.2543	24.4203
8.09778	10.596	11.2222	7.84182	9.38535	5.78672
0	0	0	0	0	0
0	0	0	0	0	0
14.1732	12.9515	14.398	11.8626	12.7968	11.4099
19.5624	15.4661	17.1726	14.283	18.6377	16.694
0.161728	0.201546	0.305631	0.0921272	0.262771	0.543868
0.664872	0.720346	0.455261	0.447532	0.857432	0.735426
0.327704	0.157093	0.509456	0.30081	0.438013	0.179365
25.5393	22.7455	21.8295	21.4176	26.5372	26.2471
50.4414	50.9676	54.5708	65.5152	55.7446	63.4277
0.0972938	0	0	0.0369484	0.175645	0
13.077	13.1418	12.9554	13.2696	14.6052	12.7693
14.092	15.4151	13.2885	14.2547	11.9955	11.9271
5.9563	6.66432	8.21001	6.20094	10.1416	7.5336
0	0	0	0	0	0
31.7587	33.7115	32.9275	38.7701	30.5646	36.1397
0	0	0.174705	0	0	0
1.32361	1.55785	1.69844	1.6476	1.99126	1.4837
0.0204776	0.0765576	0	0	0.0443619	0.0344316
12.7503	13.5872	14.9098	11.9088	15.2219	13.2283
0	0	0.237859	0	0	0
320.938	436.463	289.451	493.623	547.115	468.521
2.90317	2.46124	7.24481	1.87639	6.69752	1.14409
0	0	0	0	0	0
41.3966	42.9618	39.0355	41.7959	43.5558	56.5023
1.08145	0.74872	2.42216	0.136897	2.47295	0.808163
0.284023	0.353949	0.39361	0.194149	0.830649	0.692466
60.6439	68.6701	54.5169	62.1971	49.3202	58.4161
0	0	0	0	0	0
19.9719	20.6481	21.9801	20.9993	19.9152	17.7357
9.45836	10.5331	10.1922	10.1797	10.8554	9.94809
0	0	0	0	0	0
4.18E-07	6.45E-07	1.06E-06	2.20E-07	3.18E-07	2.98E-07
0.0945665	0.117849	0.23828	0.053869	0.0512163	0.119255
8.35427	7.99285	6.22559	6.86368	9.38522	7.69692
12.4892	8.14726	10.3262	9.78226	9.65336	10.2539
11.9974	12.5794	15.5631	13.6089	19.9133	15.3341
5.25708	4.01535	2.35015	2.89805	1.46951	1.28313
15.9974	16.7906	16.0562	16.4522	15.9072	16.5016
10.6215	8.06053	6.4529	8.54728	7.53957	5.4102
5.01485	3.64244	6.57774	4.00826	10.2193	6.91006
0.0411385	0.0512667	0	0	0	0

9.16283	8.74562	11.1556	9.84652	9.2341	8.18869
5.54705	4.58221	4.8172	6.32792	5.76004	6.17717
2.8232	3.73732	3.56096	4.07827	3.33617	2.72682
7.0566	6.40165	7.51538	6.67953	7.89773	6.96392
12.6235	14.014	11.6813	13.7679	11.9781	13.7164
15.5356	13.786	17.1342	12.8777	17.2844	15.8887
3.40813	3.02918	4.79806	4.141	4.37669	2.8814
142.489	147.71	144.368	123.161	169.044	134.735
1.74898	1.25744	1.27122	1.14956	1.02009	1.01796
0.0692909	0	0.174593	0	0.0750545	0.0582537
28.4515	28.5468	31.525	27.095	30.5415	26.7408
2.45891	2.27588	2.75561	2.39832	3.1054	2.18997
126.045	135.44	100.39	114.349	76.0852	100.254
0.878021	0.687934	2.36398	4.6861	1.17811	1.2527
38.0308	186.099	20.8319	166.813	62.7828	6.95064
0.169369	0.167843	0.104204	0.0452038	0.150582	0.142391
6.98425	7.30267	7.13684	9.30296	11.6799	10.1484
1.09612	0.678452	0.628816	0.422589	1.56096	0.613682
7.03929	5.38717	6.91815	6.18951	6.32764	4.73932
0.152137	0.151674	0.0766679	0.138661	0.230708	0.153484
26.9178	25.5429	26.3869	26.8033	34.9065	31.7212
0	0	0	0.0623497	0	0
6.03953	5.08616	5.92286	4.42481	6.87463	5.32671
0.0257263	0	0.097234	0	0.111465	0.0432568
0.0219354	0.0273359	0	0	0	0
0	0.0263913	0	0	0	0
0.412019	0.616149	0.242239	0.0938813	0	0.346389
6.96872	7.82678	7.67576	6.77644	6.86871	6.09693
6.01554	5.65231	7.2507	5.66694	6.26359	4.45829
0	0	0	0	0	0.0343161
146.034	145.065	152.82	167.609	96.6593	118.709
0	0	0	0	0	0
1.16434	1.50473	1.65702	1.88163	2.82909	2.06618
0.359255	0.351218	0.131903	0.548035	0.182974	0.230598
1.37998	1.58215	0.869285	0.974754	1.55455	1.53142
6.13983	6.01972	6.90897	5.20196	5.71321	5.20308
22.4303	25.1079	27.0783	31.1389	23.0467	21.0492
4.29122	4.25557	4.91136	3.37404	4.38629	5.38611
0.184379	0.177208	0.0193533	0.122461	0.128575	0.0396059
23.7836	21.7555	20.6145	22.5917	20.7764	23.5066
0.0795248	0.0991036	0.225427	0.0302004	0.0430698	0.0167144
3.15524	3.19962	3.39057	2.00881	4.32238	3.53687
10.3406	6.72323	11.8207	7.21537	6.41542	6.75415



0	0	0	0	0	0
7.43819	13.0001	8.26925	18.3405	18.9042	16.7821
19.7469	18.6072	20.4336	16.0949	22.6407	16.234
19.7198	24.012	19.3444	21.1802	18.8328	20.0588
2.27451	1.53735	3.20552	2.23994	3.71642	4.56984
0.194989	0.242996	0.245658	0.444296	0	0.49179
0	0	0	0	0	0
0.907335	0.205585	0.519595	0.187948	0.804115	0.554769
0.0089424	6.35E-07	0.182032	0.190855	8.64E-07	4.16E-07
7.92333	8.06911	8.90888	8.59012	7.42884	10.2425
0.253734	0.342553	0.426224	0.349299	0.801615	0.435523
17.8884	16.6334	14.1989	11.1295	12.0753	10.5777
1.32052	1.95339	1.46511	0.969976	1.63534	1.14373
0	0	0	0	0	0
0	0	0	0	0	0
0.206071	0.150275	0	0	0	0
18.5017	27.0502	37.0018	32.8406	59.2541	47.6295
0	0.617697	0	12.1411	0	0
30.4909	28.9984	27.2707	28.812	24.6343	28.3022
11.2927	12.1825	11.632	15.8099	12.9014	16.8465
4.8357	9.21811	3.53662	5.34582	4.23917	3.35053
7.23395	8.5114	7.40285	7.95004	6.28183	7.64082
0	0	0	0	0	0
5.21082	3.67345	3.0668	3.87828	5.08806	3.61336
189.107	182.571	183.411	189.06	130.257	174.522
0	0	0	0.156379	0	0
0.0610651	0	0	0	0	0.0513381
0	0	0	0	0	0
0	0	0	0	0	0
0.996642	0.909608	1.16147	1.21309	1.15006	0.701126
58.1516	57.5474	48.9345	46.8005	50.138	60.0959
0	0	0.0103018	0	0.00531429	0.0123741
12.6659	10.3945	8.12998	6.92171	8.96037	6.81032
766.24	802.416	627.557	672.025	496.795	658.006
0	0	0	0	0	0
21.1608	21.1145	19.6225	17.0289	17.2836	16.0487
5.56745	4.72782	3.34599	3.92606	3.36013	4.89805
120.386	110.557	135.008	114.31	114.267	105.288
0	0	0.0525413	0	0	0
0	0.258759	0	0	0	0.174565
55.2873	56.3433	40.7769	47.779	44.3348	45.6337
0.642632	0.489406	0.427301	0.223709	0.773428	0.630313
0	0	0	0	0	0

0.08714	0	0.0365946	0.0992771	0	0.122099
11.7218	10.1476	13.9756	11.1628	16.1244	12.0875
1.71631	1.46497	2.22154	1.76786	2.34294	1.91731
1.64386	0.906101	1.03551	1.04446	1.36969	0.983356
0	0	0	0	0	0
1.58045	1.49575	2.11257	0.930371	2.29981	1.1351
5.83959	5.95471	6.55414	4.77373	6.21192	4.45349
2.00457	2.39179	1.36124	1.86265	1.47834	1.21913
2.39859	2.77561	2.06255	2.38567	2.33005	2.73673
0	0	0.693004	0.313341	0	0
0.138356	0.172419	0.610081	0.210169	0.674391	0.407112
15.0319	15.0755	14.3169	19.4647	12.656	15.1243
0	0	0	0	0	0
6.19067	5.32173	6.75098	5.42773	8.03286	6.68829
0	0	0	0	0	0
2.57263	1.95435	1.68614	1.60558	2.6766	1.87777
0.0131463	0.0491486	0	0.0599093	0.0142398	0.0331567
0.177739	0.126545	0.223925	0.151891	0.116961	0.170172
548.823	585.071	508.27	534.65	377.267	482.246
25.3693	18.4349	20.3947	19.2372	42.7458	30.3822
0	0	0	1.01771	0	0
0.0197544	0.0492359	0.0248877	0	0	0.0166078
42.9917	41.5303	40.0906	39.0495	52.9222	55.5021
7.96664	7.78539	10.7994	6.92279	9.88676	8.64653
8.24766	8.01957	6.98696	7.7586	7.30399	7.23849
8.87589	10.6367	11.5399	11.1508	11.9082	11.4287
6.02161	6.92534	6.55735	6.75084	6.90412	7.51287
12.8802	14.314	11.9943	8.36535	18.0569	16.3805
0	0	0	0	0	0
1.82538	2.46523	1.59428	1.9619	1.30445	1.18376
0	0	0	0	0	0
0	0	0	0	0	0
1.52065	2.32045	1.25114	1.55567	1.98329	2.1916
36.7348	39.267	29.7497	37.329	19.9835	24.3009
0.0248926	0	0.0627221	0.0567194	0	0
0.0230477	0.0861661	0.116147	0.0919025	0.062412	0.0678177
2.29345	2.086	0.903798	1.1145	1.6012	1.65399
0	0.188824	0	0	0	0.127385
142.568	137.168	126.864	119.655	121.528	124.283
0.0180069	0.293765	0.102088	0.307632	0.0877719	0.0946173
1.31826	1.69259	1.66081	1.25156	1.44954	1.42732
1.82017	2.24895	2.15358	1.7631	1.08612	1.35783
0.802308	0.551633	0.906227	1.19773	1.25862	1.16295

5.11818	3.55848	4.08216	3.68177	5.79704	4.49937
0	0	0	0	0	0
0	0	0	0	0	0
12.9148	14.8128	14.991	22.7571	13.564	11.6972
0	0	0.0292709	0	0	0
10.427	10.2344	10.0596	8.74124	11.2303	10.1526
10.1617	9.31846	9.9842	13.9799	11.9069	9.67144
0.445805	0.555561	0.561649	0.507898	0.482887	0.936984
16.0716	18.3682	18.2194	15.7171	12.4273	13.2898
44.1417	40.5332	46.2906	47.6888	45.2375	48.0205
16.8914	14.6109	12.8443	16.1819	16.7404	9.79837
25.682	26.8362	35.2528	29.8759	30.0863	29.7591
0	0	0	0	0	0
0.226247	0.225559	0.285039	0.283536	0.29408	0.20923
0.030524	0.038039	0.115367	0.104327	0.033063	0
1.20981	1.50766	1.15091	1.37831	1.55113	2.80221
0	0	0	0	0	0
0	0	0	0	0	0
34.1025	30.0736	33.9904	28.8079	21.5795	29.8345
0.294232	0.334961	0.534754	0.277234	0.637412	0.216444
0.061852	0	0.0779245	0	0.0669968	0
6.8673	7.62469	8.08735	8.23193	9.47315	9.70948
0	0	0	0	0.024497	0.0190134
0.312176	167.674	6.29273	565.612	49.3688	99.381
8.70573	10.5882	8.32476	11.2303	11.4399	7.89164
1023.62	1198.78	1064.73	1035.99	1024.92	1134.24
0	0	0	0	0	0
4.16229	4.2254	5.12604	3.95169	4.85466	3.8728
3.44775	2.33097	3.88881	2.9333	3.85091	3.66362
0.824496	0.762084	0.614264	1.59877	1.28899	0.949218
0	0	0	0	0	0
0	0	0	0	0	0
20.376	19.2077	23.1643	21.1668	24.9904	24.3511
9.29934	14.8453	9.03056	30.4033	10.2626	13.6233
0.069596	0.0578203	0.0292269	0	0.125642	0.0585102
0	0	0	0	0	0
0.79549	0.844473	0.631015	0.604192	0.510612	0.619239
1.02176	1.20823	1.3579	1.52692	1.83584	1.05042
18.7482	19.6497	15.3833	21.5238	14.8923	22.3091
11.1113	10.1817	5.76442	6.6273	4.46022	5.22018
8.90797	8.80904	11.8453	7.69362	12.0128	7.60443
3.99688	3.31084	2.42888	2.67858	4.83868	4.84268
0	0	0	0	0	0

0	0	0	0	0.00913344	0.00472596
3.54847	3.22694	4.89344	4.2066	5.34992	3.91046
25.3465	20.8235	38.7538	17.238	31.155	16.7303
0.0829283	0	0	0	0	0.104578
0.29819	0.318517	0.26834	0.291191	0.322993	0.322318
0	0	0.181354	0	0	0
1.34803	2.15029	2.10592	4.54594	2.7451	3.12793
2.87708	2.12694	5.77494	1.27779	5.17638	0.983916
0.084104	0.042822	0.0643343	0.0198178	0.113461	0.0450382
0	0	0	0	0	0
4.29281	5.4136	1.66474	1.95191	0.916675	1.50594
9.26826	9.08068	13.7692	11.7955	20.941	25.4137
4.97671	4.6775	4.57095	4.51922	4.64877	4.0009
0.273256	0.153338	0.14954	0.243271	0.19825	0.18654
0	0	0	0	0	0
0.0725179	0.271115	0	0.330474	0.942599	0.304833
0.44278	0.551791	1.67351	0.630564	0.359707	0.837563
7.69236	6.0844	8.16455	8.32359	11.0145	8.43081
11.6896	11.2219	11.8008	8.47436	12.8609	9.02828
8.34013	7.66468	8.93869	6.35897	8.51067	8.93376
10.4484	8.2411	15.3712	7.94842	13.6096	5.30945
5.64794	5.30809	17.0142	9.16292	9.84793	9.54959
1.46079	1.14116	1.09873	1.78845	1.18082	1.31975
0	0	0	0	0	0
232.576	177.9	379.295	287.126	316.857	269.923
0	0	0	0	0	0
8.79814	8.09218	8.97356	7.21783	8.21133	7.28914
0.215309	0.306195	0.290395	0.193528	0.135239	0.117513
1.81344	2.7241	2.09943	2.9706	2.34652	2.15914
0	0	0	0	0	0
17.3529	17.1983	15.6049	14.3528	19.1608	15.0519
6.71974	7.55874	6.49069	6.0254	5.66673	5.77584
6.85456	4.91756	6.70212	5.87832	9.35825	5.58735
465.127	559.007	453.432	393.481	594.753	628.692
0.342043	0.472225	0.194875	0.250642	0.336909	0.156989
0.678344	0.619339	1.74823	1.48765	0.490849	0.0631638
3.04169	3.58574	4.55708	3.62151	4.45229	3.20224
9.63607	8.54031	12.6367	10.6215	10.7014	9.01754
0	0	0	0	0	0
2.59809	2.86179	4.86797	6.51129	4.57803	3.14065
10.2987	9.58866	11.8296	9.43867	13.1413	10.6908
2.83942	4.15772	1.72156	3.37643	1.15335	1.5964
0.0762168	0.0474906	0.096022	0.0144721	0.137594	0.0427176

27.6356	32.812	29.0736	29.2423	23.009	18.6649
17.5563	17.8428	21.7895	18.6478	25.6851	20.4622
0.679527	0.931481	1.49967	2.80202	0.515751	0.656967
5.81275	5.68233	5.10876	3.37076	7.08799	6.36459
37.1762	44.9165	47.4078	45.7116	43.6242	45.0395
0	0	0	0	0	0
16.2256	16.452	20.0973	16.5823	19.3029	17.6319
2.57233	2.39768	4.73428	5.4434	5.38904	4.93278
0	0	0	0	0	0
0	0	0	0	0	0
10.0512	11.1262	9.97698	10.7572	12.4956	14.0997
0.208566	0.129958	0.394145	0.475232	0.225915	0.438361
468.428	531.668	488.151	535.231	464.892	548.97
18.6865	16.0467	12.9384	13.2029	12.36	13.0168
0	0	0.0360326	0	0.0929387	0
6.13085	4.79089	3.91414	4.02162	10.8148	2.97053
25.4026	27.5474	27.7467	24.2796	24.1864	20.86
2.72259	2.97136	2.11432	2.37752	2.28137	2.47885
277.546	292.207	273.412	262.422	246.417	298.031
9.52241	9.78487	9.41853	11.2294	8.95727	8.07579
0	0	0	0	0	0
13.9673	13.5035	16.6636	13.0778	20.0419	15.1575
34.154	38.2635	34.1816	31.379	37.5908	40.0428
11.2983	10.7074	10.7074	9.94138	12.3902	10.6851
0.87729	0.744796	0.628616	0.793339	0.451375	0.58082
6.26E-38	2.30E-26	5.80E-73	0.157016	7.01E-10	6.39E-16
10.3379	10.8928	10.6587	11.827	11.1978	10.3605
4.40794	5.85312	4.35034	4.0437	5.75819	5.21221
2.10754	1.56467	1.88312	1.175	2.31523	1.62104
3.76401	3.28566	4.08652	3.26067	4.69712	3.45611
0.0501652	0.250063	0	0.114305	0	0.084349
0.438958	0.415521	0.575832	0.443184	0.527246	0.368627
4.32045	4.47383	4.29839	3.96822	5.21052	3.84195
0.275119	0.51428	0.404379	0.470158	0.447006	0.385494
0	0	0	0	0	0
304.016	305.909	271.984	299.595	206.049	244.375
10.8185	10.1677	10.7135	7.27548	12.1985	7.79787
0.0332358	0	0.0418722	0	0.0360003	0
0.10724	0	0.135107	0	0.232321	0.0450791
7.70912	7.38654	8.25079	6.56275	6.29461	5.90019
0	0	0	0	0.128019	0
187.967	167.407	210.727	175.16	195.094	201.277
0	0	0	0	0	0

20.2498	21.8075	20.3115	21.2819	17.0681	19.3295
3.96374	3.98685	4.44979	3.10463	5.50941	3.2871
0.0977375	0.52739	0.13327	0.909365	0.114581	0.474421
0	0	0	0	0	0
2.15164	1.32006	3.3363	1.62164	3.29871	1.75325
5.17781	6.05534	6.8896	6.26683	7.11717	6.79392
0.0384028	0.0478575	0.0725728	0.0437516	0.0415971	0.0322857
75.8342	73.0945	71.3512	71.5622	64.9366	67.581
3.71059	3.03872	3.9235	2.35527	4.59341	3.30894
28.7666	29.4704	29.1403	31.3708	27.9663	30.5301
2.71119	2.01057	2.58743	2.18101	2.73324	2.86194
1.2513	1.17878	1.37934	0.84009	1.20204	0.839055
2.00703	1.28056	1.77921	0.912524	2.06976	1.48098
1.5765	2.34665	3.48958	2.27005	2.56145	2.19977
4.19067	4.54445	5.61909	4.867	4.26867	3.56072
3.92472	3.00324	4.81446	4.11837	6.07844	4.10998
1.09952	0.708728	0.42996	0.388768	1.00631	0.685342
0.293098	0.274271	0.30795	0.390983	0.203684	0.165948
1.59394	1.28529	2.48063	1.6023	2.0312	2.20713
91.0883	87.2138	69.846	67.2195	53.4576	52.2619
91.3582	106.049	87.054	94.8369	67.0599	73.687
31.5977	30.6456	26.438	22.4992	17.2618	20.01
0.24649	0	0	0	0	0
0.475301	0.408153	0.155992	0.127412	0.121138	0.107453
88.1409	73.0044	85.9143	67.6322	96.8109	129.559
19.542	17.3567	25.6944	20.0341	29.9817	24.8997
0	0	0	0	0	0
32.2229	35.7023	39.8699	44.4604	34.2164	37.1218
4.87172	4.28216	4.76346	4.85994	2.52502	3.35557
0.204051	0.127144	0.128537	0	0.397843	0.120084
49.0906	54.0662	47.7649	55.9685	53.3275	59.0821
2.05794	1.53493	1.62055	1.23032	1.35022	0.900759
0.967108	0.708946	1.79179	1.68512	0.831879	2.2957
3.34983	3.90957	1.31747	1.67787	0.906173	2.81624
0	0	0	0	0	0
57.2614	64.0604	60.4024	62.2883	53.4681	66.639
0.384551	0.171153	0.346056	0.312938	0.148764	0.392575
2.32496	1.86691	2.92912	2.74591	3.28626	2.74932
8.4637	7.95479	6.49313	8.24196	9.42379	8.74535
4.82413	4.22399	4.13125	5.38828	4.32034	5.28833
54.2217	45.0019	64.5323	46.9968	55.6886	50.4617
0	0	2.94438	6.49817	0	0.794325
0	0	0	0	0	0

1.6187	1.8056	2.2241	1.70828	3.09936	1.88149
2.06416	2.3312	1.67952	2.1067	1.56044	1.87998
0	0	0	0	0	0
12.5977	15.3398	11.6523	11.7267	9.13054	9.67546
0.457035	0.427167	0.863696	0.976298	0.92822	0.960587
0.118604	0.20785	0.129708	0.208524	0.630226	0.236354
15.091	16.4019	16.5093	16.7219	15.0028	17.9591
23.4364	20.7921	22.7212	22.3484	21.9407	26.1415
0.219505	0	0	0	0	0
42.5694	44.4629	28.4666	25.951	48.354	42.1947
0.49486	0.560672	0.657208	0.533055	0.341234	0.22712
5.34059	4.35655	7.97649	5.51362	11.1379	7.88844
8.2923	7.33302	7.66974	6.64594	6.66766	6.11605
1.11976	1.87848	2.17036	1.59465	1.79603	1.70175
0.404795	0.807129	0.453317	2.05537	1.46905	0.990012
0	0	0.152657	0	0.131249	0
0	0	0	0	0	0
0.095428	0	0.0601127	0	0.0516828	0.0401137
56.1023	61.8265	54.4658	59.906	50.1641	59.2348
0.184578	0.133171	0.33065	0.17	0.192267	0.149229
0	0	0	0	0	0
26.816	27.3829	16.0349	18.2394	22.9338	32.5718
10.5046	9.7383	8.47316	11.3839	11.309	12.1162
0	0	0	0	0	0
0	0	29.1055	0	0	0
0.393268	0.49009	0.754987	0.533385	0.791105	0.740056
5.25072	5.19414	6.16901	5.46406	5.30675	5.12508
0.262142	0.154007	0.287799	0.319987	0.316398	0.261315
5.96883	6.42875	6.23897	7.18194	5.03254	3.18372
0	0	0	0	0	0
0.917494	0.883521	2.15419	1.37788	1.80693	1.22715
27.3723	22.8087	28.6649	24.489	29.1799	25.5655
31.3331	35.4233	27.5706	27.198	25.732	26.4148
42.4218	46.5543	41.8424	42.7481	41.9979	45.443
35.3408	32.6007	29.5711	27.9468	23.2908	31.8309
104.701	106.92	105.143	107.526	81.2515	86.6334
0.0657333	0	0.0828144	0.224666	0.071201	0.110526
0	0.0215289	0	0.123011	0.0374252	0
15.0597	11.2565	12.1245	13.852	15.2	14.1836
0.119661	0	1.20605	0.545313	0.129615	0.503004
0	0	0	0	0	0
7.56932	7.63233	5.48578	4.80913	4.79565	4.57561
0.068904	0	0.0976609	0	0.0746354	0.0144818

9.06618	10.4775	8.58868	8.83879	7.22582	7.39932
85.1935	89.8756	91.5035	98.2401	69.4486	84.1423
0.449595	0.396868	0.212409	0.490874	0.0405827	0.125993
12.0818	11.8726	10.3264	11.9455	9.80067	13.4685
0.413218	0.545243	0.811515	0.761543	0.526576	0.41892
5.84875	4.89409	5.92631	4.95967	5.42314	3.44869
41.6532	38.9597	39.8452	47.6	34.3907	40.3899
139.143	143.602	135.027	110.222	55.7496	90.3422
96.971	102.328	109.892	97.9698	96.0558	87.7958
0	0	0	0	0	0
1.41698	0.884951	1.55991	0.856396	0.874653	0.825799
0.0121612	0.0757761	0.12257	0.152405	0.0790364	0.0306721
0.0846228	0.0351523	0.0710749	0.160682	0.15277	0.047429
0	0	0	0	0	0
0.18577	0.158256	0.115192	0.0925928	0.0990398	0.0683271
0	0.107086	0	0	0	0
11.6383	10.8117	12.8791	11.0341	16.1827	13.2883
0.0732877	0.102748	0.166198	0.0208737	0.18145	0.0616139
6.47458	4.04467	3.84753	3.11373	4.19261	4.30629
6.74044	5.70796	7.15644	4.9676	8.81767	6.03671
9.62052	22.2322	3.29488	13.1242	4.38413	4.37123
14.3129	9.18443	13.6586	9.94039	18.3387	10.7533
0.20234	1.26078	0.254919	2.76627	0	0.765494
0.273896	0.170664	0.207041	0.124818	0.474686	0.414482
45.8573	48.0151	44.6615	38.6144	53.0651	50.9229
6.78134	7.32564	7.33626	5.81539	4.99009	4.49276
0	0	0	0.516356	0.122732	0
1.47E-07	1.51E-07	1.10E-07	1.05E-07	4.32E-07	4.57E-08
2.42516	1.37452	2.13111	1.5433	2.60397	1.97379
0	0	0	0	0	0
0.348196	0.41785	0.389934	0.264463	0.335252	0.227681
10.2499	10.3784	11.0887	9.67841	13.8178	9.60074
6.91155	4.21135	7.53467	5.35535	6.67835	4.93346
11.9406	11.9589	9.78907	10.036	11.9959	10.7036
0	0	0	0	0	0
0.0788715	0	0.2981	0.089857	0.170864	0.331541
26.9203	26.2007	31.2217	28.1722	26.6848	27.2469
56.4928	51.956	54.5758	48.133	53.3256	45.6508
0	0	0	0	0	0
2.27776	2.12111	2.14435	1.96765	2.26388	2.0412
0	0	0	0	0	0
1.11388	1.66345	1.42652	1.8039	1.20653	1.02159
5.95529	4.7849	5.34739	5.41591	5.03604	4.04048



0	0	0	0	0	0
0.561241	0.591816	0.435128	0.590227	0.732628	0.435547
0	0	0	0	0	0
10.042	9.09388	12.3455	10.8471	11.081	11.8962
0	0	0	0	0	0
0.997465	1.66774	1.61995	0.897565	1.81881	1.87467
3.16969	2.25718	0.285239	0.515882	0.980955	0.76137
5.64574	4.20236	4.31037	3.7422	7.18687	4.66833
1.98304	1.96299	2.43929	2.46754	2.46283	2.19925
0	0	0	0	0	0
0	0	0	0	0	0
14.4014	13.6422	14.8388	14.4145	13.7284	15.6917
0	0	0	0	0	0
0	0	0.15729	0	0	0
6.06872	6.1354	6.43753	7.23147	3.78994	4.86804
0.169437	0.663752	0.42972	0.240908	0.390975	0
0	0.0156678	0	0.0572946	0.0408549	0
1.55162	1.0153	1.44168	1.14903	2.26893	1.05995
0	0	0	0	0	0
0.217627	0	0	0	0.235729	0.274442
6.60E-09	1.39E-08	6.92E-09	2.45E-09	1.89E-09	1.91E-09
1.01217	1.64593	1.4307	1.29378	1.3504	2.03397
0	0	0	0	0	0
0	38.726	0	2150.77	0	99.603
36.6783	39.3017	45.1287	43.0189	46.7416	51.8665
16.0922	16.0472	18.3582	17.3592	19.6439	18.2161
6.4066	5.66981	9.42798	5.2612	8.79356	5.67811
21.545	22.4772	21.3339	17.3966	22.3896	18.0412
15.5349	17.6307	21.5605	24.8837	18.3838	19.1865
131.627	70.3731	23.2444	37.4858	99.7115	78.1282
0	0	0	0	0	0
14.8909	16.9943	8.12308	9.99769	12.5582	14.1756
0	0	0	0	0	0
14.7456	13.9652	14.2594	14.3629	15.2741	14.5322
21.2927	20.3437	22.129	19.5823	21.8341	17.7114
10.7167	8.79583	8.8364	7.6995	7.22459	7.27391
0	0	0	0	0	0
0	0	0	0.112044	0	0
0	0	0	0	0	0
2.20237	1.47032	2.57648	0.806505	1.36318	0.991908
13.6602	9.91041	10.5305	6.3666	9.31243	6.80623
12.2757	12.1275	11.5569	10.0442	3.99686	4.61005
35.5286	39.0475	40.6946	36.3238	78.6466	58.0329

0	0	0.150756	0	0.129615	0.100601
1.99297	2.13016	2.06887	1.44568	3.04812	1.97046
0	0.220603	0.17778	0.823755	0.421254	0.0707991
53.9773	49.9244	57.2157	54.9733	63.008	58.9159
0.0651928	0.121865	0.0821335	0	0	0
54.7825	55.5747	49.9461	53.8503	47.6489	55.9683
38.7751	38.9053	45.8378	35.1509	38.6695	31.7134
2.63275	1.4594	1.56489	1.79404	1.77146	1.39926
0	0	0	0	0	0
0	0	0	0	0	0
6.2122	11.5924	11.8764	17.8372	9.99998	18.0902
0	0	0	0	0	0
0.0150651	0	0	0	0	0
15.8701	17.2696	17.8893	16.0042	17.0256	15.3637
0.385714	0.977668	1.04464	0.794481	0.332177	0.434768
0.106921	0.0870169	0.065977	0.0932245	0.143587	0.0440271
19.949	18.1002	20.9441	18.2419	18.7652	18.5368
1.27851	1.91206	2.60573	2.0697	0.830901	1.52007
0	0	0	0	0	0
0	0	0	0	0	0
0.0228038	0.0284181	0.0287295	0.02598	0	0.0191715
0.310131	0.225449	0.47483	0	0.444579	0.345061
2.85913	3.25555	3.19361	2.76504	3.53952	2.55501
0.11839	0.168614	0.170462	0.211954	0.0732787	0.0568754
3.93893	4.16172	3.81176	3.47948	3.49364	2.83158
16.9338	16.5178	18.1797	15.5716	16.9485	12.3872
0.0324858	0	0.0136424	0.0246736	0.0117293	0.0182074
0	0	0	0	0	0
103.809	115.379	91.4992	127.009	99.7778	143.375
0.473428	0.368741	0.603906	1.08173	0.824155	1.03484
0	0	0.0459548	0	0	0
4.29352	3.30068	3.65297	3.81159	13.4688	9.46938
54.2557	50.5797	51.3315	39.8685	40.2548	39.8568
1.28391	1.82902	0.693476	1.67178	1.3909	1.23355
3.27262	3.41605	4.22877	2.82023	5.83232	5.04411
0	0.0879366	0.1778	0	0.2293	0.118648
34.2079	39.2727	36.6049	39.1505	39.8053	45.0724
4.74016	2.95359	7.02578	2.93844	5.61265	2.26604
0	0	0	0	0	0
0	0	0	0	0	0
15.2408	16.0938	15.6205	15.5046	19.761	22.2526
0	0	0	0	0	0
0	0	0	0	0.408132	0.633545

0	0	0	0	0	0
0	0	0	0	0	0
23.5264	49.3146	38.1024	44.2603	34.4383	20.1826
0	0	0	0	0	0
0	0	0	0	0	0
7.82442	10.1942	7.84403	6.16812	6.85633	6.89841
7.9514	6.40254	11.9121	7.86489	15.1649	10.8413
17.8292	20.7493	14.8547	16.771	15.1324	16.0105
8.46516	9.02359	10.021	7.73164	10.6067	9.41254
5.1114	3.60033	7.83953	3.88222	8.70604	3.51873
29.5977	29.7872	21.0524	31.0739	24.538	22.5897
0.022607	0	0	0.0257557	0.0979496	0.171054
26.4791	29.8428	21.4649	24.2022	22.1271	28.1423
0	0	0	0	0	0
5.2543	5.98811	5.65929	4.68345	7.6966	7.94209
9.73172	10.115	10.1476	9.50667	9.80106	8.6748
0.663282	0.901725	0.303868	0.755666	0.261256	0.557629
3.10766	4.93588	4.11479	9.89952	4.2506	4.57981
35.4554	36.2108	37.495	36.9161	37.7051	41.948
18.9467	16.3081	15.1227	16.0397	17.928	15.1794
7.46126	4.66665	5.78195	3.46435	8.4936	3.98853
0	0	0	0	0	0
0	0	0	0	0	0
4.49583	4.65716	5.53569	4.79948	4.69807	3.90347
0.247579	0.257111	0.259928	0.470105	0.156434	0.121417
15.361	14.3755	11.073	11.4751	13.2081	13.1649
0	0	0	0	0	0
0	0	0.0139331	0	0.0359377	0
0.176824	0.440715	0.0742573	0.134301	1.40457	1.93288
0.0996261	0.0558693	0.0564815	0.0227005	0.0215826	0.0837569
3.63077	4.71165	4.37771	4.20078	4.28939	4.81314
2.16135	1.7414	2.13355	1.33151	1.84339	1.20844
0.054793	0.204849	0.207094	0.12485	0.118701	0.552782
7.55911	6.417	5.63964	4.46633	7.69705	7.00728
288.41	290.908	129.025	155.072	112.37	87.984
9.9065	8.25579	10.5487	11.0068	10.0329	8.76686
0.856141	0.872936	3.08875	1.50742	1.30673	1.43954
0.264175	7.68E-09	0.323254	5.13E-09	0.291409	5.80E-09
165.742	189.022	139.257	184.253	111.734	113.032
0.644655	0.911227	0.564008	0.793853	0.614674	1.5847
5.24323	5.4983	4.52101	3.50197	2.64518	2.51401
0	0.285513	0	0	0	0
0.154427	0.641487	0.162129	3.75329	0.139393	0.129828

2.74083	2.67875	2.2766	2.60326	3.10557	2.58281
19.3253	21.3357	17.6202	25.0389	21.5671	22.213
29.2353	31.6043	26.2187	32.8088	21.7296	28.9918
16.4148	14.1697	32.2542	30.2546	24.9618	31.642
0.366161	0.49141	0.283883	0.738054	0.213564	0.236797
5.21766	6.50225	3.9441	5.60472	5.81314	4.01056
3.8493	4.04972	3.80166	3.57006	4.92376	4.716
4.37561	4.09701	4.45247	5.40378	5.79075	5.95962
0.140913	0.205789	0.700801	0.513744	0	0.0222094
6.21001	5.61444	7.21	5.54892	6.90233	5.15253
0.223244	0.289753	0.122521	0.560809	0.133518	0.0790294
0.0205841	0.0598544	0.0864433	0.0390852	0.0408766	0.0461475
1.7323	1.91065	2.03193	2.42727	2.11363	1.79116
33.4917	31.3383	38.1786	28.545	39.7125	29.582
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
7.19677	6.16093	7.03475	7.73037	7.19549	8.25575
0	0	0	0	0	0
5.61698	5.64905	6.71656	4.93986	6.97864	4.69661
1.56365	1.34719	1.02147	0.681786	1.69371	1.28212
20.6581	19.8584	22.5599	18.1515	20.4858	17.5188
0.310611	0.752329	0.190143	0.439707	0.495861	0.3277
0	0	0	0.0467016	0.0888037	0.0344626
20.4759	21.9755	17.1592	20.2431	19.8636	20.6545
0	0.111402	0.0750818	0	0	0.0501028
7.00883	8.54294	8.47452	6.63581	9.65346	9.45017
0	0	0	0.0369484	0.140516	0.190282
2.72385	3.12748	3.54733	2.02234	3.58029	2.49582
14.1724	14.845	15.7112	14.1773	19.4411	18.6212
0.0574274	0.107349	0.0361751	0.130852	0.0311021	0.0482799
0	0	0.321927	0.291117	0	0.644474
16.1656	23.2052	15.5701	20.9629	17.0321	21.731
6.92631	6.08567	7.85399	6.27802	11.8019	7.50096
2.68619	2.62843	2.88284	1.60951	3.01739	2.0743
54.8623	58.2234	50.7607	48.2743	36.8279	50.129
37.6118	34.411	36.1511	32.1209	31.1636	28.4401
0.171829	0.0856532	0.0432959	0.195762	0.223346	0.288917
2.75311	3.84473	3.19388	4.0617	2.69584	3.14319
4.06144	4.12334	5.69561	4.43433	5.56018	4.51201
0.0687297	0.051676	0.135916	0.102537	0.130829	0.0602678
0.0832278	0.259296	0.104855	0.4741	0.225377	0.279883
0	0	0	0	0	0

117.134	114.207	102.742	104.64	85.6836	85.0416
46.8631	48.312	41.8867	48.5579	36.0639	41.0129
0.313888	0.547634	0.276817	0.536411	0.339997	0.369445
0	0	0	0	0	0
3.31183	3.84256	3.93262	2.21182	4.948	4.19244
0	0	0	0	0	0
16.8247	17.4964	15.0652	17.7591	13.126	17.9071
0	0	0	0	0	0
13.6322	16.452	12.9081	14.2558	12.4036	13.0613
0.34243	0.193189	0.338967	0.417991	0.45927	0.267322
0	0	0	0	0	0
5.4211	5.42091	5.3322	4.37543	5.3485	4.6674
4.69092	4.08358	4.68048	3.47169	4.95097	3.63216
0.713599	0.96139	1.06912	0.758059	1.13854	1.55658
0	0	0	0	0	0
2.90961	3.32704	3.06131	2.92279	3.65996	3.09495
2.32358	3.07114	1.95158	2.567	2.93633	3.78853
0	0	0	0	0	0
4.65061	5.51461	5.20649	6.66623	5.34774	6.98025
37.2421	33.9937	29.9403	33.892	22.4033	25.132
86.7528	86.4878	75.5427	75.5277	90.3394	112.058
28.0842	26.2062	34.4822	24.8581	34.8784	25.0619
4.28265	2.89539	4.61307	2.0193	3.32328	1.12402
0.163387	0.30542	0.257305	0.0930722	0.0442444	0
0.0258185	0.032175	0.0325275	0	0.0279661	0.0434118
0	0	0	0	0	0.115397
0.186314	0.199041	1.30E-163	1.78E-138	0.107104	0.0559974
12.7141	12.8085	12.8307	12.2218	14.5871	15.2072
0	0	0	0	0	0
0	0	0	0	0	0
4.90704	13.5222	9.02241	6.57814	0.141039	0
26.5422	27.169	25.3278	26.3533	25.5585	23.8406
7.28739	6.93499	7.12227	9.40939	8.32411	7.83462
0.20839	0	0	0	0.225724	0
21.237	20.8651	17.1581	15.5784	19.7979	22.0932
3.95072	3.53908	3.99962	3.17256	4.18089	3.40159
35.2121	29.701	37.9461	27.4484	44.4283	34.4769
6.8109	5.33807	6.71986	6.20765	12.6216	11.8797
0.627294	1.08647	0.460268	0.765086	0.494239	0.269463
7.23917	7.17864	8.46746	6.80516	8.99026	8.04632
13.6706	16.4086	13.1891	15.0009	13.8335	15.9088
13.6216	13.4674	16.0713	16.2549	14.7449	16.891
8.90132	8.47932	9.45294	8.86684	7.90016	8.52172

4.41925	3.58748	3.56798	4.09519	4.21377	3.00888
4.65239	4.5094	4.61987	2.87104	5.00437	4.38665
37.3116	36.6636	37.0424	32.0137	38.0822	32.0613
8.36576	7.98453	10.9161	9.68225	6.61642	7.47975
0.72213	0.659939	0.424563	0.411355	1.64261	0.890418
0	0	0	0	0	0
14.6666	15.3749	15.0706	14.9286	15.9212	14.5395
2.47233	3.12632	2.12997	1.56367	2.20539	2.21606
2.41989	2.75343	2.639	2.539	2.96307	2.46061
30.7956	30.7249	34.6233	26.6358	29.8676	24.5084
0	0	0	0	0	0
0	0	0	0	0	0
4.14507	3.64222	4.68679	4.44118	4.24076	3.78296
4.91295	4.43017	3.95657	4.88405	6.06019	4.45808
16.0606	15.5137	13.457	16.8967	12.8324	18.283
0.0725392	0.0451992	0	0.0413214	0	0
32.933	31.1225	33.4693	29.3491	30.9994	38.6733
0	0	0	0	0	0
45.3708	48.0249	41.63	43.9361	36.5146	40.2013
15.5796	15.6121	18.2489	16.7544	21.1752	18.5175
2.72983	3.41651	3.70488	3.05666	2.6904	2.08816
0.0129307	0.0161142	0.0733093	0.0662934	0.0630289	0.010871
2.96263	3.65716	3.5302	2.48055	2.89998	3.09493
0	0	0	0	0	0
1.03036	1.02723	0.778861	0.899967	0.334819	0.461992
3.81772	4.0257	4.30348	4.12055	4.40315	3.43051
0.836742	1.11145	0.872283	0.864219	1.09459	0.948737
15.8848	14.9925	15.8812	11.977	18.9562	14.4626
0	0	0	0	0	0
0.91376	1.29579	1.66726	2.26155	1.43345	1.43046
12.1952	11.0919	12.6761	12.0468	14.5351	11.3694
30.5795	35.6027	41.6362	40.4643	42.6486	44.4093
3.09217	3.52317	3.22786	3.0196	3.11014	2.95244
0.0885115	0.0831559	0	0.101102	0.0639159	0.0372063
2.24859	2.08135	2.13295	1.76305	2.44748	1.97329
0	0	0	0	0	0
20.5973	22.0963	19.424	20.9152	22.4275	25.4133
0.170166	0.0927743	0.191494	0.193867	0.224001	0.097795
32.4575	27.8557	31.6069	22.5748	28.4419	23.2761
18.7541	17.9748	16.1892	15.629	17.7709	17.1537
0	0	0.0269182	0	0	0
92.0385	117.894	119.847	211.177	89.2766	98.0087
17.6933	12.7998	15.2069	13.7516	5.92815	6.61808

0.584007	0.44787	0.396181	0.255904	0.778566	0.302143
0	0	0	0	0	0
2.41779	2.19131	2.63069	1.7529	3.03555	2.17126
0.0516139	0.192963	0.032513	0.323415	0.251582	0.282051
29.2507	28.4091	31.7795	29.2398	28.2087	26.9395
0	0	0	0	0	0
1.57057	2.1969	1.21144	4.34549	0.416622	1.13177
0	0	0	0	0	0
55.4984	59.2648	56.4392	64.908	51.7182	62.051
5.682	3.5123	3.74184	2.33039	2.06792	1.2993
8.4599	8.23782	8.50216	7.40679	9.53906	7.85618
0	0	0	0.0342672	0.0325797	0.0252868
0	0	0	0	0	0
12.9	12.816	10.1778	9.64199	11.1673	10.2415
38.116	38.5417	38.196	39.3793	37.9279	41.0142
0.0682323	0.0212578	0.0429814	0.0971699	0.018477	0
18.8354	17.288	21.9674	16.0894	19.0131	21.4075
0.0650652	20.9198	0.334722	195.4	0.566335	12.3078
0	0	0	0	0	0
16.3562	21.8465	10.4089	13.4024	6.47343	10.1721
0.500358	0.423946	0.462216	0.326819	0.888909	0.695021
6.54195	7.44352	7.07256	7.18491	5.29645	7.30094
0.628886	0.867072	0.615347	0.411693	1.27533	0.837898
6.70749	6.72137	7.09338	4.83918	7.50539	5.72256
33.4267	20.0651	35.3512	23.5964	38.197	21.6521
8.29595	8.82546	15.5501	18.2113	21.6979	19.3925
0.279548	0.487722	0.493066	0.191091	0.363361	0.658055
5.12887	4.976	5.44251	3.96085	7.08417	5.42605
73.7675	70.0026	52.4354	54.8715	31.1852	39.842
20.7704	16.8391	21.0119	10.2629	29.9138	15.6443
9.44402	9.79617	7.00704	7.2775	7.81387	9.16653
0.211429	0.105393	0.372918	0.144527	0.778654	0.568804
60.235	51.6607	64.4533	59.8205	56.7622	53.1836
9.36096	9.61368	9.37329	7.08669	10.3708	10.5359
0	0	0	0	0	0
9.00838	7.70796	12.2454	5.9574	10.7918	11.0553
10.2955	8.02162	10.2707	8.29683	14.3658	6.98055
0	0	0.111641	0.0336523	0.0319951	0.024833
3.51057	2.74531	4.88471	5.6532	5.56924	6.02951
19.9325	19.19	17.9589	15.2097	17.3217	13.5549
0.0689591	0	0.173757	0.0785639	0.29878	0.11595
3.31957	4.72782	3.78387	4.86248	4.28058	4.38554
0	0	0	0	0	0

9.44451	7.26406	7.92744	6.19395	6.0462	6.5847
0.0621009	0.116085	0.273833	0.106126	0.134533	0.104418
21.8848	16.3045	41.5832	30.7437	39.2663	30.2487
3.05924	4.05423	2.27299	3.86964	2.8039	3.42925
0	0	0	0	0	0
0.723588	0.277904	0.837814	0.324647	0.636415	0.359962
37.1842	40.429	34.3035	37.3646	34.0061	35.5211
3.19869	2.87377	4.87335	3.32217	4.09325	3.76485
20.7112	18.7208	21.3054	20.4009	27.2753	22.2536



ents kilobase of transcript per per million mapped reads (FPKM).

Control 1	Control 2	Control 3	Control 4	Control 5	Control 6
36.7928	38.2125	94.2493	116.025	46.6829	53.6333
0	0	0	0.0382749	0.0204427	0.0427481
14.6801	18.553	17.216	13.5431	12.8734	13.8797
5.48703	3.72835	3.01644	4.34651	2.93793	2.25064
4.75209	4.97477	3.60951	4.32481	7.81338	1.50743
17.0982	14.3215	14.9753	17.9022	15.2911	15.2324
0.122742	0.0439404	0.0496417	0.044538	0	0
14.0122	11.7571	13.1894	13.5319	16.4475	16.2639
185.38	161.811	188.93	170.439	180.606	171.775
3.46579	4.6234	5.06304	4.1923	2.71997	3.2867
61.0737	60.0962	59.9396	58.5837	60.6464	57.7506
64.9057	76.4459	80.246	73.7697	75.6897	68.4054
19.6151	18.8348	21.0562	20.4712	18.2791	19.8734
0.550165	0.596829	0.525929	0.496056	0.116317	0.445927
1.2166	0.851579	1.18784	1.07741	0.894683	1.30797
0.295946	0.322827	0.139558	0.282214	0.289449	0.164761
2.3092	1.79581	1.08159	0.987964	0.872564	0.962606
0	0	0	0	0	0
35.1757	41.2604	34.2044	36.431	25.7696	33.4304
1.61529	1.9818	1.82376	1.7294	1.43692	1.84057
16.7036	10.1895	18.2328	10.5843	8.04464	13.797
0	0	0	0	0	0
20.1959	13.5281	13.7796	16.0288	13.7666	12.4578
0.0423032	0.0605766	0	0.0921006	0	0
29.4531	28.3227	35.9921	32.2446	39.7171	34.4679
0	0	0	0	0	0
17.1885	16.3329	17.5558	16.4187	13.6474	15.95
0.165213	0.160535	0.0668186	0.0770771	0.0640377	0.13391
1.72137	0.840321	2.06748	2.17669	1.45575	1.03585
0	0	0	0	0.0306013	0
23.4062	18.8889	22.9794	21.6436	24.0776	23.8691
8.95204	7.94432	6.86291	9.09168	7.64534	5.66141
50.1789	52.2515	49.5785	47.8317	52.5394	43.6817
0.0318299	0.0455792	0	0.138597	0	0.0773976
1588.19	2686.08	1962.92	2031.54	1773.11	1572.3
23.5365	24.2082	19.4555	24.0248	20.1289	22.6611
15.6058	12.2251	14.4944	14.2967	11.4005	15.9824
24.0203	25.3978	27.1666	30.0701	25.5039	24.7537
81.662	81.5319	72.8018	71.0371	76.5298	92.1937
0	0	0	0	0	0
27.9068	30.0949	31.7112	33.5325	35.141	34.0693

12.6713	10.5514	8.3719	10.3626	6.39732	11.9362
0.0459372	0.0328901	0	0	0	0
75.5078	102.288	106.457	80.9519	97.7014	75.6838
23.2143	15.4414	22.5937	18.4774	41.0427	11.2896
18.0107	14.4323	16.796	15.2498	14.4348	14.8816
17.4704	12.049	14.6976	15.5254	12.2319	14.905
0	0	0	0	0	0
39.1553	48.292	45.0634	40.2397	49.3673	40.3986
10.1162	9.21884	11.2711	9.35661	10.6811	9.22662
1.30941	0.843129	1.14445	1.37118	1.28757	1.31062
1.15639	0.434555	4.96E-12	0.602278	0.642842	0.672564
8.70014	6.74949	3.29334	4.76074	3.82696	4.76836
3.15118	4.33187	4.48611	4.02489	3.51769	2.6563
0.231082	0.122258	0.235823	0.158933	0.357686	0.180617
0	0	0	0	0	0
0.105813	1.02E-14	0.131951	1.61E-15	0.0758387	0.0891282
0.0500036	0.087288	0.118363	0.0479605	0	0
32.9396	34.3494	27.8344	32.2946	30.8944	31.8645
9.78016	8.83944	9.21339	7.9666	6.33694	6.96162
32.3268	27.3845	30.856	31.8633	34.6856	29.4721
1.27607	1.51127	2.61404	1.71355	2.23526	1.18894
44.1322	36.1118	35.6976	32.0275	29.3245	22.9954
33.7634	31.8551	31.8144	31.602	34.1719	32.5117
0.134544	0.0825691	0.10883	0.139487	0.0745002	0.109052
7.41203	5.51684	5.63902	6.72673	6.19949	6.93482
0	0	0	0	0	0
0	0	0	0	0	0
31.8915	27.2332	30.1269	29.7	35.1267	29.627
1.08381	0.666704	0.373492	0.223396	0.487207	0.873264
0	0	0	0	0	0
5.27857	5.27857	8.37572	8.37572	8.36398	8.36398
2.17099	1.83279	1.25808	1.55201	1.3062	1.26065
4.40676	4.17335	3.44454	5.76287	1.90673	2.22316
10.0429	9.55208	6.78487	7.78304	5.61134	7.22818
1.59113	2.13599	1.10267	1.13566	1.46827	1.4521
6.92634	5.8523	6.18994	6.87775	3.4064	7.30931
0	0	0	0	0	0
0.999864	0.688906	0.717815	0.698418	0.794482	0.678777
7.25175	4.68965	5.29813	6.11276	2.17613	4.17133
2.69818	2.96507	3.18513	3.802	2.31051	3.66157
124.425	134.537	127.918	148.067	136.47	133.564
0.162822	0.116578	0.329259	0.118163	0.315556	0.263946
0	0	0	0.020706	0	0.023126

1.84882	2.00524	2.51713	2.2052	2.39818	2.67065
1.29537	1.04818	1.50395	1.67524	1.61634	1.14103
15.1799	16.7312	16.5413	14.345	15.6421	14.731
48.6704	46.0776	45.5601	46.494	53.38	38.5323
0	0	0	0	0	0
4.34635	3.87711	3.48686	3.74881	2.78941	3.03192
0	0	0	0	0	0
0.597496	0.819782	0.913483	0.465651	0.416996	0.476203
31.4971	29.0865	26.2456	23.0303	22.2471	25.954
36.1112	40.5201	43.4839	42.0518	50.0501	43.0734
0.842362	0.882892	0.464763	0.396055	0.513021	0.634004
0.16593	0.376209	0.156587	0.341186	0.15007	0.0896613
356.394	0	576.56	775.925	0	0
55.0268	61.392	57.6409	63.4352	60.2112	54.4525
0.13355	0.081648	0.324077	0.339218	0.339266	1.20903
45.913	14.4799	1.79938	4.50928	0.755673	11.8897
13.1408	12.4678	13.1376	12.9485	14.5976	12.242
0	0	0	0	0	0
18.7837	22.7058	19.5977	14.7478	21.2778	21.9813
0.0535468	0	0.0865916	0	0	0
24.6324	24.1894	25.7508	24.4895	23.8462	25.4487
6.13428	4.03592	3.45321	4.63223	3.85572	4.77047
0.105522	0.0898493	0.186171	0.121437	0.16214	0.206773
0.685166	0.7937	0.85692	0.681791	0.711389	0.689084
2.19058	1.89094	1.18987	2.16789	1.32038	2.30556
90.7733	106.427	144.281	136.716	131.336	131.809
3.3915	3.84094	2.13941	2.24827	2.39316	2.63424
53.7883	44.8709	35.6725	51.9916	65.2181	44.1568
13.4867	14.5606	14.8614	13.4235	11.2963	12.9102
40.5493	45.2151	55.1183	46.0411	41.4268	48.5924
0.0319539	0.0228784	0	0	0	0
2.76345	1.69815	3.23855	3.03192	2.56398	2.99825
7.76387	7.68627	11.0781	10.1657	7.09612	9.57813
0	0	0	0	0	0
0.18584	0.221768	0.100248	0.224872	0.288205	0.0502137
11.3676	13.7869	14.5401	10.8258	10.5702	10.4877
1.10822	0.913689	1.71135	1.07234	1.87443	1.27933
0.353612	0.151908	0.171618	0.153974	0.2193	0.458583
17.3078	18.4654	15.3616	13.5137	11.4817	14.1054
3.21929	2.06104	2.96131	3.00218	2.92034	3.15417
12.9384	11.0934	13.8588	13.717	13.8801	12.7798
0	0	0.0835654	0	0	0
42.4285	38.0004	43.0747	42.1447	41.2454	43.3946

0.140976	0.403745	0.684197	0.511545	0.218574	0.342798
3.05258	2.2019	3.1141	3.76934	3.14344	3.87751
28.5709	26.4695	29.758	29.9518	35.949	28.1066
9.45526	7.01425	9.1778	12.885	12.7051	12.9646
57.4337	57.7992	46.5565	58.1079	51.6498	50.2736
0	0	0	0	0	0
0	0	0.055763	0	0	0
15.4239	15.1486	11.3544	13.3914	10.0311	12.9855
0	0	0	0	0.0162502	0.033981
0	0	0	0	0	0
1.80091	1.44821	0.590662	0.8398	0.773006	0.94739
0	0	0	0	0.00203731	0
9.98284	8.58921	10.546	9.80412	10.4231	10.457
1.49605	1.04724	1.07237	1.63468	0.880609	1.53571
20.2913	18.1984	20.5777	21.8564	17.1891	18.9973
20.9846	23.7754	23.7807	24.1426	20.1851	22.5926
17.8352	14.2929	15.7447	16.2901	15.0779	15.8325
0.619895	1.3315	0.701989	0.764778	0.768884	1.05514
33.1297	31.0027	38.8363	31.9765	39.1679	36.4164
12.6501	12.5584	14.3225	14.0986	13.3505	12.745
22.96	20.1093	23.466	20.6971	21.773	22.0158
3.22594	2.67161	3.19599	2.52185	2.52187	2.97278
0	0	0	0	0	0
14.7018	10.6978	12.3862	13.2713	11.2689	11.6764
2.36865	2.2065	2.5958	2.6986	2.80368	2.3121
0	0.00531587	0	0	0.00575566	0
0	0	0	0	0	0
25.2493	23.5093	24.0664	23.9087	27.1917	27.5456
0.131743	0.0314418	0.0355214	0.0956082	0.034043	0.035594
0	0	0	0	0	0
9.42623	7.10622	7.97649	9.46372	11.0607	8.63684
13.3695	11.6325	11.8989	13.6371	9.08521	11.8195
0.781021	0.532568	0.601668	0.742239	0.360392	0.874203
10.4514	11.7832	13.6181	12.4239	14.3344	10.0811
0	0	0	0	0	0
0.605183	0.237983	0.440015	0.51101	0.272828	0.490693
4.74251	4.99513	3.89571	4.00667	4.27671	4.93078
2.99267	2.60801	2.86659	3.21126	1.96814	2.46999
33.2694	45.4312	45.9608	39.1015	34.0097	37.3868
0.684493	0.649931	0.683858	0.568866	0.671449	0.592245
181.988	131.292	125.887	109.238	243.048	46.2676
0	0	0	0	0	0
0	0	0	0	0.235683	0

19.5461	16.2576	17.9746	21.3479	19.9561	21.1012
32.0801	21.0545	27.4933	31.4569	28.4215	28.6329
36.5952	33.2775	24.4392	25.3078	23.9693	23.5279
3.18335	3.19967	2.67398	2.93219	2.61015	2.38173
10.238	10.3674	17.4204	12.6545	12.8694	10.2158
2.37523	2.10963	2.57791	3.14202	1.74808	2.33955
3.48271	3.64782	5.02445	4.15071	2.83091	3.69613
1.48537	1.02805	0.760941	0.682708	1.38178	0.682234
8.83229	6.32375	8.29689	7.30124	6.10415	7.4974
0	1.24467	0	0	0	0
0	0	0	0	0	0
21.6684	24.1106	21.3203	22.6196	21.0284	21.1018
10.045	7.50272	7.59875	7.24262	9.85576	8.95073
0	0.0493234	0.0278616	0.0499942	0.0534041	0
1.98507	1.60648	1.67466	1.50249	1.20373	1.53908
0	0	0	0	0	0
3.82814	5.41408	4.9697	4.97323	3.5172	3.4476
9.39E-09	1.78E-10	3.09E-08	5.64E-09	0.117084	2.16E-10
0	0	0	0	0	0
0	0	0	0	0	0
4.10286	3.71689	3.2002	3.26587	2.75871	3.54588
10.3936	9.05412	9.95564	9.3979	10.3008	11.1899
0	0	0	0	0	0
0.18888	0.180498	0.203658	0.182902	1.44E-14	0.357502
0.0893997	0	0	0	0	0
28.3103	24.8984	27.1328	34.6242	32.7898	28.0945
1.39333	1.1961	1.51828	0.990424	1.73986	1.48318
0.916736	1.12062	1.08517	1.34681	1.404	1.95729
0.207458	0.198048	0.0932268	0.0669137	0.142955	0.168151
6.99925	5.54622	6.33625	6.31646	5.34721	6.77248
24.2524	30.4129	27.3197	26.7143	28.5028	28.424
9.58996	6.69749	9.47773	6.6017	7.39823	8.86126
0.469575	0	0.25322	0	0.849385	0.126869
19.3975	21.1113	26.0472	20.302	28.1706	22.9663
0.796046	0.766193	0.872266	0.733594	0.774062	0.453672
132.599	109.294	132.732	117.297	110.375	115.856
0	0	0	0	0	0
6.54974	7.91826	3.09454	4.08243	3.48726	1.49501
13.6064	14.7169	14.6337	14.8118	10.2029	13.2178
55.4664	47.6815	52.0201	53.7028	59.9575	51.7756
0.294962	0.389884	0.36706	0.312856	0.21107	0.220686
0.438432	0.313909	0.278645	0.272724	0.388434	0.431514
4.82339	3.24271	3.83538	4.39034	3.66308	4.17488

3.37226	2.64173	2.88372	2.74696	2.63849	3.51802
0	0	0	0	0	0
22.0404	21.5519	19.9157	20.7471	22.4099	19.5305
53.1543	60.8508	53.2581	56.8681	60.4606	56.1628
6.11023	5.10008	5.22289	4.66912	3.92165	3.35081
18.7024	16.1591	12.3928	14.6516	13.8774	16.9633
6.74084	5.28228	6.06467	6.19117	5.85897	6.67103
0.250371	0.327273	0.38242	0.158264	0.160345	0.143701
0	0	0.265186	0	0	0
0.0434624	0.00691466	0.0416665	0.0280363	0	0.031313
25.4498	22.8859	24.0438	23.7881	27.3046	28.0535
0	0	0	0	0	0
0.443895	0.272418	0.564234	0.598265	2.06469	0.625382
0.328319	0	0	0.0529482	0.0296037	0
0	0	0	0	0	0
60.2818	78.455	71.1705	64.6853	69.6896	63.3404
0.621413	0.507728	0.885889	0.510062	0.754236	0.432743
0.588898	0.129303	0.0190539	0.0512849	0	0.0509143
1.89452	1.59695	1.48446	1.27485	1.3315	1.80734
68.0212	51.4588	49.4601	57.6995	60.2641	61.2818
9.49289	5.46403	9.63589	10.4013	13.708	3.31911
24.5207	22.1526	19.2426	24.3396	18.7211	20.1698
8.33119	4.70156	7.15204	6.08553	8.96789	6.43979
6.75687	5.45998	5.77499	6.05694	7.08309	5.94754
2.40469	2.07865	1.9451	2.23461	1.38675	1.80646
3.46165	2.56603	1.27189	2.62961	3.96211	3.48157
29.5422	26.8341	27.9085	31.9189	31.4468	28.6803
7.94126	5.28057	8.24042	6.23803	6.96513	6.56568
4.28092	1.11751	3.67258	3.99548	3.73958	1.9566
22.5556	12.2604	14.0013	15.8332	16.8736	17.3995
36.0602	29.0893	29.8321	35.7283	26.6824	33.1032
0.725538	0.519472	0.495174	1.0837	0.65912	1.44345
0.311448	0.312187	0.377886	0.226023	0.289727	0.302927
0.017847	0.0805021	0.0858221	0.094997	0.0396666	0.0875528
0	0.0247194	0	0	0	0
11.6034	8.59349	10.7384	10.6429	11.446	12.6062
3.97695	4.85355	3.21687	2.36139	2.03197	3.51649
17.7552	14.8416	12.4517	18.0902	20.1716	13.0088
21.729	19.2804	22.103	21.9386	21.7405	24.6157
24.9109	20.8759	20.15	18.5234	20.7621	21.1344
8.66011	5.87257	8.85722	8.06746	8.52087	9.95522
0.395273	0.169805	0.170522	0.420723	0.0817124	0.341741
9.20054	8.53189	9.86307	10.2568	8.93699	8.71522

15.9755	14.6341	15.2026	15.8987	15.0252	16.7095
2.15959	2.33201	1.03093	1.43879	0.741015	1.46346
63.1918	63.0725	56.8392	57.1804	82.4521	45.8294
0.243775	0.632433	0.00018571	0.288831	0.00114019	0.0001167
2.08652	2.20529	1.76811	1.69449	1.84857	2.33546
2.74886	3.1731	3.04029	3.09412	2.82678	3.3648
0.27249	0	0.146941	0	0	0
0.178473	0.383349	0.384968	0.129521	0.138355	0.144658
21.9165	19.5894	21.3639	23.1618	23.9031	20.8521
1.33477	0.65388	0.795546	1.01965	0.707977	0.62635
0	0	0	0	0	0
0.249846	0.160924	0.222248	0.253862	0.135604	0.263358
504.718	1392.08	645.675	682.836	522.487	1136
0	0	0	0	0	0
0.26055	0.0932744	0.31613	0	0.100991	0.105592
0.529704	0.481575	0.402302	0.509327	0.307297	0.580693
22.9647	28.2101	22.3861	22.4804	22.8012	17.5736
196.352	255.919	246.96	261.948	311.837	155.107
16.9355	13.869	16.5141	14.7748	14.2457	15.9807
7.289	6.48253	7.12535	8.44464	6.41071	7.63004
20.8229	17.9657	18.7214	21.5258	21.5424	18.9115
7.3618	7.26558	7.57325	12.8449	7.87885	10.0019
2.72113	1.55141	2.73096	2.08449	1.79695	2.24641
2.64096	3.01931	1.72276	1.94751	1.32085	1.13935
1.64855	1.2285	1.08855	1.41612	1.74744	1.03624
0	0	0	0	0.201816	0.21101
5.37129	4.41616	5.82069	5.81908	5.35929	6.02006
4.2819	3.22298	4.48484	4.42214	4.16201	3.702
0.232528	0.582698	0.188087	0.210937	0.180259	0.282707
0.306818	0.278439	0.407266	0.403615	0.472013	0.493503
10.8811	7.55162	10.0433	11.207	9.48736	8.51286
4.77075	2.9278	2.94465	3.76381	2.19067	3.36834
511.474	466.891	485.425	507.84	548.546	479.176
0	0	0	0	0	0
0.882798	0.423491	0.275883	0.352941	0.318291	0.492527
29.6892	15.4176	20.4923	16.0292	29.6351	9.49413
23.726	25.088	24.4533	19.7333	20.394	23.6895
0	0	0.108699	0.0650155	0.0694499	0.036307
35.6305	29.4191	33.4523	39.1633	42.3481	32.6608
0.926076	0.525912	0.599688	0.708478	0.480218	0.684969
29.407	27.9634	27.7924	28.1214	29.0896	20.8559
6.6815	3.58787	6.23022	3.77135	4.13649	5.64123
0.391507	0.0560623	0.0633364	0	0.121401	0.380796

48.682	43.2716	54.9574	50.1262	48.3891	57.9781
1.61034	0.999633	1.21116	1.72918	1.80083	2.5656
0.237972	0.170787	0.301483	0.245056	0.0451714	0.0483343
0.422914	0.129771	0.342087	0.306916	0.140507	0.308879
2.33406	1.47478	2.1075	2.27821	1.79872	2.01563
60.7648	55.9155	55.3283	61.1723	62.7886	57.0643
22.2642	17.8264	18.5461	19.2413	20.1247	20.0909
30.9626	32.7711	27.1284	30.4063	26.0201	17.7252
12.6092	13.3963	14.4545	13.6572	12.5916	13.5609
0.541583	0.754139	0.449897	0.775007	1.0546	1.04338
2.1703	0.729264	3.01382	3.54602	0.783309	2.00464
9.43676	9.01803	10.3143	8.85768	10.0059	8.62862
13.7161	11.6144	13.2907	12.7766	12.844	14.4285
66.6157	68.3034	68.4831	71.1798	80.0322	66.2774
18.9313	18.1182	20.5234	20.843	18.718	20.8245
16.6932	15.6732	16.6736	18.1558	17.4821	16.6958
0	0	0	0	0	0
4.49961	5.20738	4.2577	4.86737	4.40957	4.12878
0.647176	0.679613	0.487528	0.469737	0.501235	0.590261
0.486992	0.400171	0.393918	0.506032	0.0825833	0.226863
0.99915	1.62946	1.12249	2.01417	1.16184	1.07979
7.81597	5.844	5.16438	6.85014	6.73508	7.08251
0.340557	0.292599	0.661128	0.296578	0.316806	0.16562
5.11316	3.57513	4.50647	4.26584	5.2493	4.19962
9.23473	7.96794	8.08733	7.62877	6.45328	7.83018
7.29735	6.50158	7.29522	7.54139	6.93763	6.9437
9.33458	6.85641	9.41806	6.64812	5.99797	7.35278
108.874	115.432	124.402	106.648	103.611	116.714
1.52952	1.24046	1.33572	0.834827	0.849999	1.12038
63.2304	63.1822	47.8605	57.4765	45.0099	49.1554
0.614736	0.385122	0.279702	0.334594	0.580799	0.622831
43.7344	40.93	41.92	43.651	43.4277	49.0051
7.25235	5.07752	7.59275	8.26117	7.11663	7.19903
0	0	0	0	0	0
0.63011	0.451146	0.127421	0.11432	0	0.127681
0	0.0650113	0	0	0.00439937	0
0.9149	0.870379	0.819426	0.661662	0.787504	1.15112
0.0767727	0.0274839	0	0	0.0595154	0.124454
0.0411474	0	0.0332833	0	0	0
0.124418	0.118776	0.11322	0.118396	0.170737	0.113452
15.2904	18.0533	15.6201	13.6175	9.65794	15.3717
2.62469	4.1183	2.43926	2.18847	0.432914	1.90108
0	0	0	0	0	0



0	0	0	0	0	0
1.8997	2.04023	2.09153	3.14026	2.20902	1.83918
0	0	0	0	0	0
2.36783	3.57923	3.46643	3.56358	2.93361	3.06887
3.27448	3.41693	3.77575	3.337	2.75446	3.1623
477.34	437.453	462.145	485.393	501.735	425.771
0	0	0	0	0	0
38.9207	31.0769	32.6805	32.5315	30.1719	34.6342
2.37102	1.89348	1.25399	2.05159	2.05013	2.18049
0.960254	1.41549	1.00518	1.22978	0.613039	1.00724
10.0115	11.2652	9.92319	10.7541	10.3201	8.66325
0.0977782	0	0.158182	0.0354797	0.303197	0.0792526
11.6946	9.89886	12.4165	10.7753	13.7666	12.8351
2.39979	2.10361	1.93746	2.20227	2.15057	2.11703
10.4123	10.609	11.7767	10.1986	9.14846	9.55583
10.8975	11.9672	12.4777	12.3437	13.8421	18.6504
1.54417	1.00843	0.782523	1.25606	1.11816	1.21035
2.30303	4.1868	5.93332	1.10434	2.31973	2.73515
0.160443	0.229748	0.129779	0.135842	0.134743	0.335948
7.10346	7.89118	6.50007	7.21164	5.07439	7.05957
0	0	0	0.0430949	0	0
78.7184	79.2896	88.332	84.0325	86.3172	84.5041
0	0.0429056	0	0	0	0.0485718
12.849	12.1857	11.9808	12.4404	7.79752	10.4146
0.692613	0.725704	0.847193	1.0298	0.720265	0.46554
13.042	10.1609	12.1958	10.3949	10.8849	12.2667
0	0	0	0	0	0
0	0.1746	0	0	0	0
9.48828	6.15283	6.93752	9.09177	6.92426	5.31398
79.5817	92.5603	88.6236	91.0509	78.9251	77.7922
75.893	82.1675	80.0259	81.0054	80.0102	79.661
16.1951	15.7993	28.3397	22.3356	18.7071	29.9666
0	0	0	0	0	0
0	0	0	0	0	0
42.8824	37.3954	48.6347	40.8856	38.0745	41.7963
60.1016	49.2755	48.989	55.4135	60.9728	55.6109
0	0	0	0	0	0
28.8413	29.4081	22.6763	28.3111	31.8688	28.1453
0	0	0	0	0	0
0.273895	0.0735389	0.0553871	0.173924	0.132705	0.111001
40.2804	45.4662	38.9049	38.3907	38.672	41.3566
5.26966	1.23598	5.32816	2.24183	5.07119	4.3452
0.054163	0.0517063	0.0292076	0.0262047	0.041988	0.0292673

7.72086	5.25502	6.99555	5.44049	6.54003	6.93777
9.65849	11.7387	10.3565	8.80556	7.54511	10.9207
0	0	0	0	0	0
1.55909	2.64639	0.768395	2.37163	1.36971	1.10253
24.8183	20.2376	22.7061	22.9519	24.0442	22.1036
0.979817	1.01182	0.990692	0.73842	0.80339	0.702539
0	0	0	0	0	0
0	0	0	0	0	0
0.452525	0.358105	0.385304	0.259268	0.313878	0.444005
18.4195	5.6918	17.4923	18.1952	7.1539	4.10051
12.0239	8.72465	9.21462	10.1234	11.1101	10.2104
11.4816	8.3079	10.9803	11.8718	10.4761	10.0968
82.1945	92.0694	93.4832	91.857	83.4036	84.3345
3.93326	2.89603	3.2041	3.13786	3.58975	3.0976
0.0117839	0.0168742	0.0381272	0.0256555	0.00913509	0.0477564
0	0	0	0	0	0
8.13635	6.31678	7.30488	7.30084	6.82988	6.54513
0	0	0	0	0	0
3.33519	2.56307	2.85328	2.9067	2.22456	3.35847
52.8953	49.5249	71.7662	57.5152	66.0996	30.5377
40.9779	53.4223	48.5827	48.6479	56.795	49.9004
5.92841	5.77922	6.21554	5.24556	6.68158	5.28569
0	0	0.0800739	0.0718414	0.0767414	0
1.37207	0.0280679	0.539065	0.825039	0	0.381295
0	0	0	0	0	0
37.3269	33.9413	28.3791	40.3325	29.9963	31.1189
10.0669	7.59827	7.20499	7.60306	7.38935	6.60233
4.49576	2.5251	5.06013	4.65154	3.77719	2.71862
24.7216	19.8928	23.2995	23.8908	25.4329	21.3847
7.45962	7.08735	8.13144	7.4673	7.03116	7.99451
0.800921	0.504631	0.708315	0.519244	0.298026	0.631862
0	0.121055	0	0.109865	0.469432	0
43.5617	38.9171	35.3379	32.0118	30.3396	30.5263
2.31416	2.02316	2.04921	2.20977	1.79397	1.63877
11.3642	11.0449	10.8016	13.2036	12.699	13.6072
0	0	0.0169993	0	0	0.0681363
6.66E-204	0.163548	0.430903	0	0.402335	0.260879
0	0	0	0	0	0
40.648	36.8267	40.3488	35.8854	36.1406	39.7639
11.4636	8.301	9.82296	8.87608	11.389	11.4034
0	0	0	0	0	0
14.7961	15.1648	12.7725	14.1524	12.9954	12.2985
43.5234	46.8174	32.9873	49.5195	43.7624	48.5694

7.10282	7.15321	4.79829	5.60794	6.71637	6.51625
0	0	0	0	0	0
0	0	0	0	0	0
0.145315	0.216756	0.179987	0.165684	0.154003	0.264363
272.846	261.609	267.193	294.059	345.434	264.934
4.07424	3.19019	3.71677	3.31559	3.22012	3.64848
0.151796	0.181138	0.163713	0.367204	0.1569	0.369107
11.8264	12.3355	11.1128	12.6173	13.1429	11.385
24.7096	32.3933	42.3502	36.5749	34.5598	40.4527
2.2563	2.74689	2.0331	1.4508	0.765283	0.726277
19.6524	16.0569	18.9433	18.9872	21.1937	16.8852
364.725	314.524	333.221	327.328	273.777	305.723
4.53966	5.17642	5.05472	5.04345	5.30054	3.70226
1.52019	1.08339	1.39251	1.72968	1.41614	1.80433
0	0	0	0	0	0
27.3813	64.5314	49.2566	39.0177	35.5984	17.5698
0	0	0	0	0	0
9.57141	6.39516	6.55935	6.8697	6.10162	7.94809
1.36198	1.8284	1.65251	1.36215	2.24363	2.07233
20.0317	20.016	17.0434	21.565	16.642	16.2715
8.35401	6.78879	8.15955	6.12328	8.419	7.93924
0	0	0	23.9837	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.786554	2.06491	0.848303	6.08871	0.609749	4.88772
2.12886	1.98693	4.55097	2.71745	2.16605	3.52805
1.61982	1.01479	0.32756	0.587766	0.941782	0.820574
13.052	14.3589	13.3536	13.5593	11.92	12.1249
135.675	130.306	131.381	156.402	150.362	117.705
7.18612	6.94613	8.99381	8.95225	8.28675	8.82617
0	0	0	0	0	0
0.791189	0.556753	0.531301	0.498345	0.382629	0.533461
13.9729	16.064	11.4585	13.2887	6.13983	8.28038
7.13047	6.17305	5.23993	7.57605	6.71989	7.74376
0.843764	0.751625	1.43213	1.62154	1.97288	2.21636
4.87987	4.88661	6.29431	4.9399	4.65763	5.08228
2.08395	1.2061	1.32866	1.56889	1.56371	1.90068
15.5291	14.0567	16.4464	19.4936	12.5806	14.8169
1.44204	1.53559	1.45061	2.90825	2.88863	2.56444
2.13099	1.67106	1.92892	2.17246	1.84864	1.27487
200.291	143.405	0	0	155.269	0
1.53987	1.57502	0.533814	0.798221	0.170533	1.06981
45.8457	26.724	27.7371	40.9026	23.8117	32.8809

11.6998	9.58541	9.29881	10.7247	8.45175	8.09344
2.21575	1.33056	1.15631	1.60801	1.10818	1.21661
0	0	0	0	0	0
0	0	0	0	0	0
7.93065	5.15616	6.55176	6.48492	7.67889	6.86097
491.215	427.782	430.864	408.868	574.389	137.658
1.28E-05	1.30723	2.57E-05	2.10E-05	7.67E-06	4.88E-16
0	0.0944809	0.10674	0	0	0
28.316	33.8298	33.9964	34.7962	35.3977	30.4
0	0	0	0	0	0
39.6498	35.2434	35.8346	38.1518	40.1816	35.0501
0	0	0	0	0	0
17.8201	14.2714	18.4552	17.1259	18.4578	17.2439
0.699156	0.816739	0.803652	0.213638	0.399366	1.34216
39.9281	33.6648	36.5993	42.6716	45.8899	35.0897
17.9278	19.5764	15.5322	19.3563	16.9977	18.9612
0	0	0	0	0	0
0.305228	0.455286	0.423245	0.584923	0.449203	0.791672
0.367977	0.237118	0.0297649	0.213638	0.228209	0.387735
0	0	0	0	0	0
0	0.0300301	0.0339265	0.0304385	0.0325145	0.0339958
12.1487	10.6029	10.7317	12.2374	12.1488	12.594
17.1823	21.0499	18.6113	16.892	16.915	16.9387
36.2993	38.1662	32.2677	35.4005	38.6314	29.2401
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	288.87
2.10121	1.42062	1.9687	2.87795	1.74968	1.25473
30.1016	30.5426	30.6831	34.3205	26.1733	22.6226
0.247227	0.17701	0.184594	0.234622	0.147426	0.339114
1.01663	0.424352	0.230117	0.386788	0.454635	0.23729
16.0682	11.0738	14.8761	12.8143	13.6652	18.0117
0	0	0	0	0	0
0	0	0	0	0	0.108267
0.560165	0.803296	1.05766	1.2209	1.0135	1.5125
23.0996	28.153	25.4076	25.9569	26.5719	21.6499
1.69275	1.75932	1.5459	1.8625	1.5239	1.32777
28.4708	25.2023	31.8912	40.3911	23.8273	34.6697
8.22439	6.0602	9.33366	8.5741	9.38542	6.02948
0	0	0	0	0	0
0	0	0	0	0	0
0.1424	0.0509779	0.115185	0.0516712	0.110391	0.17313
15.9143	18.2756	17.8199	16.7125	15.8204	13.6578

0	0	0	0	0	0
0.465918	0.333588	0.482867	0.369824	0.428909	0.377642
12.0172	11.1938	11.2368	10.6784	8.42135	9.14583
7.05049	14.1284	6.67919	7.36001	5.54772	9.9363
0	0	0	0	0	0
14.2893	12.4971	14.7865	13.8725	15.6144	19.4252
0	0	0	0	0	0
0	0	0	0	0	0
53.2016	67.3312	63.689	52.2276	62.3855	55.978
2.69166	1.86808	1.85869	1.93789	1.65953	1.99628
0	0	0	0	0	0
102.268	104.363	114.193	103.315	108.103	92.5143
0	0	0	0	0	0
14.5567	11.2577	10.9207	12.7615	10.1863	10.9431
3.54945	0.856667	4.57956	5.22747	3.19697	3.24409
38.5551	35.4585	39.5028	40.7223	39.1497	34.4779
0	0	0	0	0	0
5.45714	4.90095	5.48582	4.87603	6.62691	5.06239
1.54861	1.30761	1.43374	1.89375	2.24215	1.90866
8.22399	8.60656	5.95073	7.65283	4.63042	5.7036
39.8706	38.5108	34.4856	36.1269	44.948	33.1304
0	0.00839036	0	0	0	0
14.8771	12.3497	13.2344	15.452	10.8849	13.4413
331.561	415.922	296.725	309.231	284.777	263.984
21.9864	25.1468	26.6765	24.0356	22.9274	22.8846
11.6734	9.03165	10.7624	9.59193	8.96966	10.7606
0.0556339	0.0398328	0.0450011	0	0	0.0901863
7.66241	4.64996	6.50903	5.91217	8.56776	4.9639
0.0364163	0.15644	0.0589129	0.105712	0.056461	0.206617
28.1025	29.2524	28.3503	29.8856	31.7135	30.7008
0	0.0354499	0.0400495	0	0	0
0.770204	0.662741	0.828091	0.297777	0.368884	0.484814
2.08302	2.18341	2.12973	1.86241	2.01525	2.02603
34.265	29.3674	34.0265	37.5839	35.1341	35.9978
17.7205	18.7904	19.6567	17.6563	25.233	15.8717
39.7925	34.8219	37.8182	38.2311	34.0565	34.1594
1.89351	1.35572	0.68923	1.44286	0.660546	1.30454
15.0314	15.4562	15.3871	16.6623	13.9301	11.7582
0.808441	1.44707	1.9618	1.1734	0.626716	3.60398
1.70712	1.32542	1.57479	1.70239	1.44741	1.39661
2.39777	2.05285	1.58947	1.77782	0.815803	0.851711
0.14456	0.0345008	0.0389773	0.03497	0.149421	0.117171
21.8204	18.9053	19.4455	21.459	17.3827	21.1113

23.5771	19.3492	24.6487	25.9715	31.3626	24.9456
8.99078	10.7156	7.8711	7.17128	8.351	7.39841
35.4538	31.3752	32.3993	34.5773	31.8088	28.7831
7.13655	7.48947	17.99	8.26533	6.00604	7.54749
0	0	0	0	0	0
5.51013	6.85613	6.53409	5.82349	6.13774	4.37942
0.319475	0.357933	1.01702	1.22348	0.313094	0.289408
0.271222	0.271222	0.386538	0.386538	0.261137	0.261137
1.58402	2.26825	1.65143	1.30282	1.30982	1.51215
20.2881	16.2301	14.4043	17.6303	17.584	19.3343
19.2139	16.5165	16.5766	20.5464	19.1823	19.0547
0	0	0	0.00849835	0	0
0.0502621	0.0359867	0	0.0547142	0	0
19.3759	12.2004	12.6939	17.448	14.2183	19.9951
0	0	0	0	0	0
3.56671	4.06575	3.87203	2.14567	1.78268	2.51055
2.07191	1.48173	1.68954	1.5561	1.49054	2.27375
5.98009	5.76021	5.89087	5.96902	7.00801	6.25014
10.5223	11.441	11.9258	11.6965	10.9015	10.4797
0.403553	0.505639	0.0816065	0.219649	0.0782102	0.73596
2.88458	2.39902	2.17996	2.69088	3.0789	2.90381
0.0364884	0.339625	0.0295147	0.0529605	0.0282864	0
48.5904	37.0827	42.6841	48.1768	37.3822	44.0222
0	0.13924	0	0	0	0
3.0339	2.23042	2.21351	2.20427	2.98167	2.11247
0	0	0	0	0	0
0	0	0	0	0	0
0.531969	0.66654	0.623934	0.791422	0.536108	1.14262
0.534023	0.588618	0.366336	1.75888	0.478241	0.832738
0	0.107948	0	0	0	0
1.54721	1.5742	1.48205	1.7729	1.60975	2.11211
0	0	0	0	0	0
1.53501	1.72706	1.38576	2.00915	2.02931	1.83294
1.5916	1.15475	1.4934	1.26286	1.23383	1.27285
0	0	0	0	0	0
8.93508	7.0333	8.18262	8.45355	7.59154	9.92094
0.0444432	0	0.179746	0.0645065	0	0.108068
5.9969	4.20721	7.14049	6.6594	7.26533	8.7438
0.212997	0.152502	0.689155	0.927454	0.495355	0.517923
0.456246	0.495271	0.772969	0.577359	0.360201	0.582439
160.339	194.425	145.445	152.34	166.446	150.477
19.7188	26.086	19.4984	21.2991	21.7037	19.0228
73.3787	65.2435	60.4881	45.9496	28.7635	42.4045

0	0	0	0	0	0
0	0.0714127	0.0201692	0	0	0.0202105
2.42637	2.00161	2.23669	1.80862	1.52238	2.6611
1.55754	0.539438	1.24726	0.241855	0.886237	1.3661
26.0958	28.6253	25.3687	25.3097	26.3729	27.0564
0.0452332	0.0647723	0.0365882	0.131306	0	0
1.79049	0.945975	1.01016	1.04953	0.887791	1.08553
11.5787	10.7749	12.4544	11.837	12.5603	9.77304
0	0	0	0	0	0
0	0	0	0	0	0
0.313227	0.494354	0.0523664	0.826355	0.122434	0.522244
8.27647	4.29405	6.74318	7.66031	6.27657	4.66668
11.8465	13.24	9.55322	10.5631	9.14164	9.77768
0	0	19.0432	0	0	0
16.1406	14.162	14.753	13.1583	12.0311	13.3905
7.53463	8.44245	9.99411	7.1567	13.5629	2.79481
0.926154	0.740107	1.16216	1.01437	1.15736	1.05404
0.149037	0.106708	0.160737	0.324476	0.115536	0
0.875323	0.533374	0.617644	0.648753	0.707439	0.407573
0	0	0	0	0	0
1.81455	1.61099	1.55582	2.31766	1.99747	1.47075
13.1428	11.017	11.6039	11.8556	12.7303	8.81513
4.96803	6.47572	5.47235	5.48719	5.03593	5.58548
10.4906	9.60103	9.75923	9.79579	10.1622	11.2561
1.16508	1.36102	1.58721	1.42403	1.0458	0.79523
3.60187	3.58095	2.56386	2.82306	1.99445	2.36892
2.11986	2.98689	2.54058	2.27938	2.43484	2.94552
2.27841	1.70122	1.41299	1.5719	1.55815	1.60027
0.065144	0	0.0175645	0.0157587	0.0505006	0.0352009
0	0	0	0	0	0
2.4188	2.2716	1.93111	2.18851	2.36213	2.58432
12.9217	10.3049	11.5365	10.4045	9.20882	10.8055
23.8466	30.7196	31.0655	33.2451	31.0273	41.3542
15.488	14.1033	14.2801	14.9599	15.876	15.6605
5.7369	5.43301	6.81856	4.60883	4.34793	1.36712
23.0139	18.6464	21.3738	22.6748	22.4322	24.4435
49.4334	58.4891	56.8158	62.6288	55.642	49.1223
2.75319	1.45521	1.59023	1.01522	1.2972	1.72948
4.1934	2.6308	1.4179	3.91122	1.88692	3.57511
0.454572	0.622213	0.240323	0.53532	0.235849	0.484381
48.9382	45.6177	47.4841	52.5381	49.0628	44.5048
10.0085	10.6881	11.3597	11.0696	10.4681	11.0837
0.0401981	0.0863432	0.0758693	0	0.0207748	0

0	0.044708	0	0	0	0
51.9515	55.2821	53.8135	48.8427	39.6101	56.4062
0.0355349	0.0381635	0.0287435	0.0386825	0.110189	0.0144011
24.2034	22.8936	22.4443	26.7335	18.9135	19.5329
0	0	0	0	0	0
6.54783	4.44087	4.57342	5.0762	5.43817	6.35002
29.9756	28.7491	25.9284	28.5267	27.9929	23.0655
1.20694	0.840472	0.56169	0.515941	0.948457	0.603042
0.899421	0.579572	0.485016	0.478666	0.674004	0.874813
0.15983	0.0762902	0.158013	0.0644398	0.0826019	0.129548
0.723839	1.33666	1.16931	1.3546	0.631013	0.684123
2.77697	3.05886	3.80133	2.17032	1.98716	2.59711
8.57664	8.95019	8.55473	9.35668	9.2561	8.58734
9.06189	5.67712	7.7881	7.31622	6.55659	7.74282
33.6106	24.1591	30.1813	31.5813	34.1863	31.2152
17.4606	13.3913	16.6166	14.8648	14.9571	16.3165
14.5319	11.364	11.2741	13.4251	12.8535	11.9499
0	0	0	0	0	0
4.65135	4.20727	4.59098	5.20825	4.8072	2.65474
8.33654	7.4295	5.47399	4.91951	4.5198	4.56147
25.7947	21.2558	25.2258	25.9959	24.1112	25.9829
41.8672	32.0042	38.1127	41.6816	51.0586	38.2466
4.18946	4.2851	4.8142	6.75637	3.32506	2.66805
0.483621	0.661276	0.56162	0.470673	0.160649	0.23329
8.20114	6.90265	7.36157	7.25773	7.53352	7.60584
0	0	0	0	0.0232301	0
1.24403	0.734829	0.662461	0.865198	0.803659	1.13437
0	0	0	0	0	0
0.0608639	0.174311	0	0.0441701	0	0
8.23708	7.56449	6.51942	9.48558	6.5321	6.06339
12.6	9.24126	11.9609	10.7223	12.1918	13.0908
0	0.413935	0	0.419564	0.89636	0
1.0687	2.26819	1.88327	2.71452	2.01201	2.72241
17.9999	17.2523	16.8296	20.0855	17.1191	17.7199
0	0.0410076	0	0	0	0
15.0897	11.3817	14.437	13.6541	12.2903	13.8729
72.7653	66.5656	64.5575	75.8459	81.6154	72.1726
0	0	0	0	0	0
11.6016	8.75703	8.97074	10.1034	11.1583	8.86157
14.4383	16.0248	20.1161	16.8113	16.8963	16.6325
110.561	138.509	100.44	108.493	109.319	102.816
35.2289	42.9319	38.3327	34.4674	24.1228	31.346
0.659964	1.78883	1.18205	0.752632	0.95014	1.45193



0.373652	0.267528	0.906718	0.271166	0	0.302857
1.0189	0.902203	0.959835	0.544498	0.725759	0.744226
0.769828	0.435388	0.654095	0.525815	0.832487	0.650189
0	0	0.0131234	0	0	0
0.160027	0.0216294	0	0.0219235	0	0.110197
8.27882	8.86035	8.85901	9.73185	9.12541	6.88501
11.108	10.4771	3.93701	6.276	13.73	4.64453
3.01163	2.44197	2.88254	2.38391	2.43637	2.98593
5.42296	3.47887	4.228	3.75755	3.57857	4.12697
62.1227	67.7366	62.173	74.0495	71.2268	69.8594
6.26768	5.54969	4.73019	6.87746	5.56461	5.5918
179.987	94.4879	113.713	307.645	143.243	281.803
0.296786	0	0	0	0.0511274	0
7.3217	6.04288	6.05891	6.21693	6.23203	6.68698
2.03546	1.62422	1.97322	1.7929	1.22861	2.04022
0	0	0	0	0	0
2.69629	4.08662	3.82378	3.22736	4.04468	2.5544
5.00246	3.73876	4.50782	4.10806	4.13312	4.46369
25.6674	21.9614	24.3371	24.8541	25.0012	26.1457
10.1054	8.39022	8.32758	9.57167	10.5187	9.69051
0	0	0	1.72E-12	0	0
0	0	0.0348777	0	0	0
56.6158	46.9284	25.0507	43.4823	24.1924	27.9281
1.08238	1.10499	1.75369	1.90855	0.844904	1.76263
1.75505	1.17066	1.36761	1.33187	1.53569	1.40561
1.22181	0.966703	1.19695	1.26047	1.01454	1.67683
60.4022	42.1639	63.7103	76.2698	66.093	66.6172
2.07184	3.58672	2.60134	3.29887	5.2978	3.75961
32.0313	27.1449	32.4029	34.4936	34.7513	33.6288
0	0	0	0	0	0
1.95374	1.36316	1.67472	1.03746	1.42877	1.56331
2.405	1.2316	1.89733	1.83031	1.79375	1.04585
1.38342	1.67623	0.688626	1.00397	0.742463	1.81134
8.16863	5.08684	5.73228	6.63478	5.98297	7.00096
0.749413	0.453826	1.04228	0.662142	0.326448	0.398207
1.7473	2.06253	2.89961	0.603157	1.00494	0.517292
90.5401	88.2378	99.9126	108.265	104.003	75.7447
4.26422	3.61761	4.74099	3.6239	3.96678	5.37368
0.232194	0.277078	0.0626057	0.224677	0.12	0
0.271632	0.212163	0.159794	0.232969	0.363717	0.240182
0	0	0	0	0	0
7.89136	5.72108	6.36874	6.3069	4.85642	6.01241
35.9394	38.4552	37.0638	36.4507	37.4405	43.5676

0.17967	0.0643201	0.0726657	0.0651949	0.139283	0
0.554923	0.430424	0.610956	0.481024	0.442134	0.474772
19.714	20.4488	22.6953	21.78	23.2837	22.6763
14.7194	15.0261	13.1155	12.4764	15.6452	15.4259
73.3916	114.036	103.82	87.0933	119.856	77.7552
6.50879	5.43695	4.90273	6.28859	3.55886	4.44316
0	0.0531309	0.0600246	0	0	0
3.32819	2.70623	3.32793	3.3499	4.2007	3.38895
74.9236	79.4427	17.3461	62.0313	42.2787	242.629
15.3724	13.6703	14.7787	17.7217	17.716	14.5307
2805.14	2640.26	2840.23	2892.38	3414.61	2758.04
4.69682	5.28754	3.94527	4.24476	1.79564	3.83126
0.0544436	0.311845	0.132115	0.355596	0.126617	0.176513
1.05635	1.18052	1.09097	1.06957	0.986905	1.18936
4.66151	6.27402	6.05045	5.67752	5.40646	5.15487
0.115828	0.0955122	0.0931895	0.143644	0.0694483	0.0699478
0	0	0	0	0	0
0.932209	0.296642	0.0837828	0.601352	0.321184	0.587679
0	0	0.111686	0.100203	0	0.111914
36.0406	37.975	39.446	41.6597	43.853	40.2795
4.70986	5.22385	4.66016	5.76955	6.27865	4.44016
0.04717	0	0	0.0342321	0	0
0.00683371	0	0.0342332	0	0.0213149	0
2.41655	2.52267	2.26805	1.78051	2.33096	2.03346
126.577	98.367	147.651	185.171	140.731	138.654
67.5544	53.6847	60.7028	62.9864	72.6221	64.3279
23.6067	36.6297	45.2535	29.4968	38.3645	26.6844
4.6473	5.95642	3.94475	3.99719	2.51297	4.11557
0	0	0.00596997	0	0	0
6.52296	6.41275	6.38963	7.48437	6.9433	5.67512
0	0	0	0	0	0
0	0	0	0	0	0
3.24201	2.19437	2.49034	3.8087	2.45386	2.44929
0	0.490432	0	0.248551	0.265503	0.555199
1.87476	1.68855	2.30051	2.50094	1.14697	1.57597
3.23394	2.55775	3.01129	3.02918	4.11031	3.65751
15.1154	14.8427	16.5045	16.8925	17.6651	15.4269
6.21346	4.34922	5.74852	5.79139	5.27844	5.63155
20.438	20.4153	19.5642	17.7463	18.0434	20.6708
0	0	0	0	0	0
1.3451	1.5234	2.78931	2.3428	1.70631	1.52635
0	0.149365	0.0281241	0.075698	0.0269536	0
15.0026	8.3778	12.0167	13.938	15.0316	12.6004

0.97271	0.348221	1.37691	0.352957	1.13109	0
3.10606	3.95357	3.25686	3.86819	3.24022	2.70406
0	0	0	0	0	0
1.51283	1.15618	0.866212	1.19657	0.737921	0.895538
6.04545	6.04995	5.05996	4.2691	3.69931	5.80364
7.64086	6.244	8.14511	6.70687	7.01883	8.11054
0.0749339	0.125186	0.101021	0.108762	0.0387266	0.0404909
627.132	778.098	678.29	563.068	590.095	380.707
1.07734	0.833065	0.313719	0.688025	0.200441	0.663649
0.881347	0.588259	1.09236	1.66101	1.09187	1.37988
0.773054	0.201885	0.284572	0.102315	0.110904	0.512662
524.264	605.529	546.756	599.712	627.497	584.106
10.6187	5.82087	7.0171	9.66712	7.75402	9.58661
103.819	105.227	99.6068	95.9596	105.496	103.428
0.436914	0.655439	0.881446	1.45958	0.811002	2.9019
4.56701	4.31032	3.24639	3.31436	2.89671	2.9165
23.1526	21.3132	24.8578	23.9955	24.2941	24.0907
0.71367	0.351295	0.577274	0.356072	0.553248	0.686914
16.2336	12.087	12.1882	13.2429	13.8077	13.0624
38.0972	37.8012	43.5962	37.3103	35.6989	18.6195
3.53673	3.88751	4.19045	4.95259	5.0973	3.99715
6.06422	6.19917	6.404	6.11233	6.18973	5.32482
0	0	0	0	0	0
0.461094	0.429175	0.522157	0.435011	0.786383	0.784837
5.53212	6.10804	7.44659	5.97958	6.76906	7.02122
0.0303631	0	0	0	0	0
39.076	35.2766	39.906	41.8745	45.7613	36.7009
0.0380892	0.0545422	0.184857	0.193494	0.265746	0.216108
7.64923	5.9403	6.93054	7.53759	7.67905	6.01779
18.8005	8.87517	7.09033	10.1525	12.6295	10.0472
2.16028	1.63093	1.59953	1.51754	1.99553	2.08784
0	0	0	0	0	0
1.36951	1.7375	1.1272	1.46466	1.09892	2.10322
0.381109	0.131481	0.291791	0.0589514	0.446312	0.47259
14.8123	22.613	15.7781	18.1298	15.2901	17.1412
0	0	0	0	0	0
38.6824	48.872	34.5082	40.0924	29.1442	37.8042
41.55	30.2212	41.9312	36.8544	32.4147	47.3626
79.6235	82.7541	84.4928	93.9128	87.8668	82.898
12.6431	10.7645	12.3829	11.5799	12.2055	11.8226
0	0	0	0	0	0
35.2462	40.377	38.7044	36.2754	38.4184	43.9778
5.29957	3.41132	3.99776	4.21506	4.70083	4.50199

451.199	433.873	396.702	415.12	444.36	406.045
9.24343	6.92016	7.32012	10.4387	8.41591	11.7882
1.22647	1.53673	1.35282	1.31488	1.2533	0.451863
0	0	0	0	0	0
0.780301	1.07439	0.582618	0.566279	0.390712	1.36267
0	0	0	0	0	0
0.10929	0.352124	0.265208	0.475884	0	0
23.1149	25.4035	26.0326	20.0444	26.1036	22.4662
0	2.22E-259	0.0262855	0	0	0
9.00233	6.58778	9.16253	7.74459	10.1369	8.74637
0.299588	0.17428	0.10602	0.183445	0.152411	0.288356
0.867854	1.10958	0.852415	1.07969	0.768884	1.60783
0	0	0	0	0	0
0	0.0692065	0	0	0	0
286.768	316.154	336.72	287.701	302.354	302.465
7.5889	9.35155	8.68578	11.0148	6.92357	14.7291
0.492851	2.4701	0.797315	1.07301	1.1462	0.998681
8.76456	5.87617	4.86624	5.16101	7.95662	5.57724
0	0	0	0	0	0
5.45543	6.36778	4.52403	4.55796	3.7849	4.23602
0.0684738	0	0	0	0.0796229	0.166501
0	0	0	0	0	0
8.90564	8.08027	8.94239	9.0816	8.95707	11.232
0.0739823	0.0176566	0.0199476	0	0.0191174	0.0199884
0.725322	0	1.46674	0.789568	0.843421	1.1758
8.30014	8.47949	7.67555	7.94624	6.19106	6.85102
21.9783	31.4645	19.4286	12.9147	19.2723	7.73041
0.160255	0.11474	0.103702	0.18608	0.173925	0.363699
0	0	0	0	0	0
106.836	118.346	130.49	122.206	123.318	103.382
23.4677	20.0648	20.4438	20.8491	20.7677	22.8788
4.15342	3.16618	1.87106	2.2031	1.79831	0.776186
55.0765	52.71	53.4803	42.7733	54.9498	35.6391
2.34995	2.4197	2.29267	1.77571	1.78972	2.33662
0.00460254	0.0059316	0	0	0.00441748	0
5.36798	3.50019	3.5279	4.15649	3.08383	4.48687
6.14752	6.99722	4.4953	4.97175	3.8626	3.63692
0.0628151	0	0.0169366	0.0759767	0	0.0169712
3.70453	0	0	0	0	1.50133
0.0599744	0	0	0.174098	0.0929861	0.145834
11.8297	11.7858	13.1747	11.0271	10.0581	11.6832
0	0	0	0	0	0
0	0	0	0	0	0

3.74111	3.47141	5.59224	4.15936	4.08343	5.19128
16.4038	11.5132	9.99972	9.03432	7.36407	10.7943
12.3233	16.0868	12.0867	13.5495	13.1531	15.6583
7.61288	7.28799	8.37199	8.65967	6.99575	9.22108
13.8186	10.4631	12.2035	11.7182	11.5929	14.6066
13.351	12.4268	13.4392	16.5791	13.9149	15.03
0	0	0	0	0	0
0.984391	0.836956	0.846019	1.38413	0.620031	0.897617
0	0.63727	0.239985	0.430625	0.229998	0.961905
0.427507	0.140266	0.369707	0.417138	0.129245	0.329323
6.94771	4.93609	5.48874	6.16173	4.22069	4.792
0.0789945	0.0141386	0.0159731	0	0.0153084	0.0640277
51.5525	43.048	37.4194	50.112	49.8207	49.3735
2.90192	3.00115	2.52118	3.54896	2.5204	5.24867
14.9796	11.7051	13.421	13.3277	14.3339	13.3609
0.412209	0.733196	0.169213	0.301406	0.521119	0.260278
1.34172	1.03377	1.02896	1.01751	0.809781	1.07998
0	0.0805768	0	0	0	0
2.40063	1.66462	3.29155	2.73438	2.19135	3.21346
0	0	0	0	0	0
0.797382	1.0573	0.843559	0.578675	3.16594	0.440341
0.19115	0.215065	0.154617	0.118904	0.0423378	0.177067
12.2001	14.2084	16.8801	9.91863	16.5669	12.3367
0	0	0	0	0	0
36.9108	31.0346	35.9582	35.7705	30.8805	37.9804
0	0	0	0	0	0
2.40742	1.71377	1.64508	1.56636	1.48981	1.45772
15.3636	15.9085	14.3358	13.9878	12.6674	12.3531
31.2588	34.9494	32.212	29.0417	36.1583	30.6061
1239.8	1114.73	1188.49	1349.18	1338.37	1250.44
36.8911	35.8889	35.1633	34.7483	27.5183	35.5873
0	0	0	0	0	0
0	0.0903606	0	0	0	0
21.3689	18.1406	20.0881	19.5534	22.0662	25.5364
0	0	0	0	0	0
9.37853	8.35261	10.7316	10.6828	9.95113	9.68469
23.0013	25.2188	20.5318	24.1518	24.5844	23.2153
0.0877671	0	0	0.0212314	0.0226795	0.0237127
20.1113	20.7607	19.1646	19.3435	17.4059	14.9797
27.829	34.8794	29.2426	34.3023	28.1569	29.5782
30.0339	29.6326	26.9511	29.5259	29.2774	27.7968
2.68562	3.001	2.09358	1.31587	1.43337	1.89818
5.38241	5.32041	4.14253	5.21786	5.72944	5.53467

1.61752	5.24249	0.494209	4.43152	2.93636	0.535775
0.497044	0.977762	0.677505	0.483057	0.363621	0.837235
12.0912	6.52148	10.9402	10.324	12.2349	12.4622
25.5127	26.6527	20.9079	19.926	22.6968	20.0294
0	0	0	0	0	0
25.4022	18.1449	26.2094	25.5296	28.4904	27.7578
9.86411	11.2828	10.4115	13.3568	12.5893	11.1153
0	0	0	0	0	0
2.54371	2.6451	2.15261	2.30078	1.31447	1.5147
62.0367	94.2606	48.0913	59.159	50.3114	51.1474
24.4268	25.4301	22.0865	21.3083	26.3156	17.8519
2.42659	1.3597	1.10942	1.53132	0.736094	1.62477
0.0700865	0	0	0	0	0.0568074
57.886	48.7504	49.0685	55.0548	65.3472	50.7721
0	0	0	0	0	0
0.102676	0.0367569	0	0.0372568	0	0.0832222
11.7176	10.233	12.3093	14.5855	12.2444	7.99972
10.246	7.58551	8.55165	8.64911	9.796	9.50942
12.6166	10.6337	7.99733	9.82679	9.86387	11.3237
3.07387	3.31929	3.62769	2.26734	2.73449	3.30836
0.34369	0.49215	0.494228	0.498843	0.444056	0.402382
0	0	0	0	0	0
7.85652	8.33275	7.73613	8.04925	7.85204	7.64113
1.58636	1.34706	1.33023	1.06745	0.865089	1.2858
0	0	0	0	0	0
10.5706	8.34836	10.1772	9.41754	9.87426	9.96512
0.250057	0.403431	0.39159	0.263717	0.22167	0.454722
0	0	0	0.0131636	0	0
0	0	0	0	0	0
0.7996	0.817568	0.718792	0.576008	0.688878	0.592056
5.24201	3.46812	4.27593	4.1734	4.52664	4.26675
2.93318	2.40788	3.00665	2.88104	1.8034	2.64388
125.667	138.256	124.183	135.718	137.311	119.475
0.0312763	0	0.101196	0.0907918	0	0
0.0623533	0.0529121	0.0112064	0.0100542	0.01074	0.0598997
171.718	151.675	123.811	179.605	131.725	157.227
3.77875	2.73772	3.89346	3.81964	2.40625	2.47941
10.1588	8.58234	8.67085	9.00818	8.30198	8.96757
0.228661	0	0.277438	0.248915	0.265892	0.185337
3.3891	2.378	2.42797	2.73179	1.95727	1.98843
2.58185	2.60025	2.53035	2.51899	2.26725	2.24897
0	0	0	0	0.265349	0
1.25686	0.837827	0.981593	0.77059	0.806349	1.14175

0.554279	0.124017	0.0280216	0.213696	0.134277	0.449262
13.5783	12.3068	11.8086	12.6451	10.6782	13.3277
10.6036	7.4439	9.70446	8.92014	9.59575	10.0769
0.105958	0.504137	0.262966	0.0448559	0	0.276052
19.7341	14.4737	18.7956	17.2003	19.3016	19.3057
0.728373	0.825485	0.438651	0.210832	0.763934	1.04415
21.4338	16.5454	16.947	17.5327	19.0146	20.5942
4.75646	4.78334	4.17047	3.87345	2.75842	3.53154
5.6121	4.81271	3.3854	4.0728	3.44114	3.28953
0.0928077	0.110748	0.0250234	0.0449015	0	0.100298
0.151652	0.135725	0.0920013	0.110057	0.117563	0.153649
0.0725463	0.0259709	0	0.13162	0.056239	0
6.39478	5.70845	7.04706	5.74963	7.06945	6.08208
13.974	14.0468	13.5703	15.4696	14.4948	16.5417
2.25851	1.46487	1.46144	1.85113	1.70964	1.5075
20.3104	17.0853	18.17	16.6727	16.9073	17.0683
6.77004	5.56843	6.56569	6.9787	6.06544	7.52848
22.7236	18.5435	19.2357	22.1405	17.631	21.0781
13.7036	13.8486	13.3236	13.8882	12.9634	13.5447
26.8449	12.1382	12.7612	15.6238	20.7286	8.58557
45.4675	34.6684	35.9999	41.6195	43.2336	38.3003
0	0	0	0	0	0
12.2755	10.1181	11.5114	11.6868	13	11.6698
0	0	0	0	0.032041	0
42.9827	49.1188	45.9043	49.4863	43.5542	39.7488
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
31.111	37.722	43.5235	50.4497	40.1635	39.0304
0.32586	0.32586	0.359124	0.359124	0.285895	0.285895
40.8441	45.4994	46.0525	38.9105	46.6484	31.5544
436.676	513.692	521.661	569.225	604.287	507.291
4.46793	3.13344	3.12064	3.97284	2.90801	3.32477
26.1285	30.5485	29.1477	29.7773	29.7142	38.5526
11.3944	12.7585	11.115	11.1919	12.1386	10.0589
15.7784	14.5619	17.3489	13.6764	17.1431	13.3613
0.199387	0.178447	0.12096	0.253223	0.115926	0.16161
180.505	144.083	178.746	179.622	198.662	178.905
70.9121	86.0025	92.9211	75.4953	68.0163	70.7654
1.28593	1.0571	0.924589	0.829531	0.775345	0.733463
14.0713	11.4047	14.9218	14.8173	9.63203	13.4582
2.25355	0.48405	1.64057	0.490633	1.22289	1.64392
2.29353	1.50903	1.15358	1.68694	1.41773	1.25636

0.683903	0.443536	0.385977	0.243801	0.08249	0.322122
5255.27	5253.38	5287.47	5129.74	5089.9	4326.25
0	0	0	0	0	0
0.29861	0.194363	0.417205	0.31521	0.252532	0.550076
0	0	0	0	0	0
8.47563	10.5568	8.7624	8.04351	8.12557	9.06486
15.7838	12.0173	11.9801	15.6349	15.2316	12.0624
0	0	0	0	0	0
15.061	12.8572	13.8133	14.9926	18.4053	15.535
0	0	0	0	0	0
1.4293	0.782561	1.46216	1.34234	1.10801	0.715539
130.044	150.027	128.171	153.043	143.611	151.606
0.336131	0.300277	0.465323	0.247498	0.231722	0.322386
8.86177	6.46668	8.32824	8.5118	8.33833	6.00499
0	0	0	0	0	0.0321676
46.6007	37.9382	43.0107	45.1028	41.9373	43.8117
0	0	0	0	0	0.0657688
0.833358	0.687852	0.795051	0.946146	0.66304	0.700169
32.3727	34.7248	35.9985	36.1445	34.071	31.7114
19.1964	19.9535	19.8882	23.2187	24.1603	26.1223
0.538996	0.514548	0.435983	0.521545	0.510691	0.800936
2.16947	2.23647	2.4108	2.37291	1.92985	2.79024
0.430942	0.205698	0.929548	0.990351	0.389752	0.232862
0.957696	0.477217	0.74561	0.723886	0.560607	0.81554
0.415506	0.558815	0.392446	0.531041	1.03469	0.405055
1.38875	1.9091	1.0784	1.1691	1.16271	1.26071
24.5061	23.3175	20.1131	21.8364	16.8961	17.6513
1.19999	1.09492	1.66451	1.49279	0.79404	1.52409
0	0	0	0	0	0
0.151996	0.210688	0.218571	0.173939	0.153964	0.277606
0	0	0	0	0	0.102165
0	0	0	0	0	0
322.005	157.178	176.473	227.052	173.214	110.425
6.83239	6.59313	6.47814	6.68845	6.17833	6.10619
5.77561	4.86378	6.29508	4.5607	5.27348	6.04831
20.3262	18.5595	20.4579	18.2892	17.8657	21.5397
62.8373	57.455	58.4698	66.6913	68.4456	58.7048
0.445	0.768589	0.359951	0.275579	0.504643	0.812749
0	0	0	0	0	0
0	0	0	0	0	0.0268532
0.190962	0.191415	0.324377	0.277169	0.16284	0.216693
9.46339	8.04368	9.73271	9.83346	6.9706	8.93113
0	0	0	0	0	0



38.1092	36.199	37.753	40.0397	46.7364	40.9926
6.03898	5.37745	4.83655	4.42108	5.29297	4.91091
33.6133	26.0505	32.9015	31.8093	30.4878	35.8581
11.8734	11.9976	10.6514	12.2934	9.97594	12.0449
0	0	0	0	0	0
0.347996	0.286532	0.633345	0.397761	0.451868	0.331423
53.0343	46.6815	59.0184	55.1111	63.7479	55.5884
0.131978	0.125992	0.106755	0.223485	0.102312	0.178288
15.6623	10.7438	11.7782	13.3516	14.5774	13.4748
0.325678	0.233179	0.338701	0.25886	0.252471	0.276543
2.7076	3.87718	3.6324	2.73177	2.25256	2.56929
6.60553	5.70596	5.60266	4.67731	5.78412	6.35111
10.7689	15.0175	10.3618	13.1275	11.4038	13.5207
0.107813	0.0257306	0.0581383	0.0260805	0.0557187	0
1.28105	0.917206	0.912855	0.92968	1.18225	0.741666
1026.79	1388.16	942.717	1537.65	1038.44	1340.02
1.28653	0.928443	0.999354	0.859559	0.981509	0.993121
0	0	0	0	0	0
1.85343	1.23224	1.66289	2.13304	1.49816	2.28823
17.4563	17.6259	21.3611	18.3258	17.1468	20.0443
32.5179	31.2064	35.4525	29.7453	26.7898	33.6988
3.8904	3.71599	3.63461	4.28955	3.69973	4.16803
0	0	0	0	0	0
0	0	0	0	0	0
0.280442	0.285446	0.215232	0.235202	0.386389	0.405935
4.06834	3.15064	4.41012	4.80027	4.22657	3.94806
0.254266	0.364404	0.308506	0.276788	0.0985554	0.206236
0.0822097	0.0392585	0.110935	0.0796121	0.0850804	0.0444686
6.85779	6.56043	7.34874	7.59408	6.96367	5.23194
21.8051	23.0508	26.0163	24.5769	24.1453	18.9906
5.46497	5.2989	4.9751	5.79537	5.53406	5.067
69.6328	61.0482	56.8261	70.7475	68.7846	58.8498
1.57637	1.60388	1.07377	0.903161	4.11631	2.08468
1.36251	1.42255	1.54414	2.15718	1.81956	1.84078
2.11192	1.32534	1.59356	1.60228	1.19591	1.42337
0	0.0399391	0	0	0.0864868	0
5.53934	4.51725	6.1904	5.36251	4.1681	2.92679
12.927	13.2632	16.7834	14.5286	12.3817	17.9556
0.0736884	0.0527595	0.11921	0.053477	0	0
10.307	7.88332	9.53095	7.86811	9.64299	8.66191
36.6053	34.945	36.6721	33.7142	33.4102	35.25
0	0	0	0	0	0
8.4626	6.4022	7.19377	7.42734	7.71797	7.58572

10.5337	9.28838	9.51586	10.6319	10.6808	10.6983
6.66551	5.13652	5.821	5.86319	5.16316	5.42831
5.08094	4.3155	4.67397	5.16949	5.29038	4.2394
28.5556	29.716	33.7452	29.7394	28.6331	28.399
0.0307682	0.0440589	0.0248878	0.0893162	0.047704	0
32.8124	32.5906	34.0965	35.8949	34.0409	33.5517
4.47535	3.86155	4.02843	3.55064	2.90003	3.38904
0.0301769	0	0	0.0218999	0	0
2.68427	4.40269	2.57006	2.74314	1.74115	2.47541
3.1666	1.79565	1.70892	1.62815	3.27541	1.49867
69.7289	57.2838	65.7805	58.5004	84.5459	40.1445
4.26164	4.71928	5.56141	5.71128	4.22873	3.36209
0	0	0	0	0	0
11.7341	14.8287	15.0982	13.0809	12.7125	14.4626
6.2603	5.59406	6.35946	5.66127	6.10427	6.8779
0	0	0	0	0	0
20.2928	18.721	19.5478	19.1673	16.8574	19.2072
0.598553	0.618659	0.161346	0.289495	0.154615	0.242441
0.434468	0.488468	0.291313	0.373762	0.412361	0.300235
0	0	0	0	0	0
0	0	0	0	0	0
23.3055	18.8339	17.4867	18.5828	18.4602	20.0887
0.166408	0.357435	0.403812	0.483061	0.516008	0.404638
8.96923	21.8341	13.2332	9.32108	7.62059	10.6431
9.40843	6.71623	7.74247	8.71528	8.93658	9.64667
3.92923	2.97472	3.36646	2.99646	2.35013	3.35277
5.00329	5.72758	5.76137	4.44708	5.46786	5.52851
0.270598	0.398029	0.277513	0.425246	0.242847	0.384506
9.83366	8.81886	9.80058	8.67956	8.5294	9.19227
0	0.0288978	0.306069	0.0439363	0	0
10.8207	9.55145	9.10816	10.6169	8.35813	10.0213
59.6106	52.6825	61.9593	62.2123	67.2099	64.9892
128.318	103.724	120.922	124.134	99.8422	123.589
2.94236	1.98272	1.71574	4.60287	3.08204	0.844938
4.1291	3.8791	3.14218	4.68859	2.93972	3.5839
0.00871544	0	0.0352487	0.0231915	0	0
0.766678	1.04451	0.349813	1.56424	1.3259	2.28942
1.32532	0.334599	0.924532	0.744274	1.91225	1.01431
0	0	0	0	0	0
40.1964	29.8792	40.3198	38.7652	33.3195	40.5527
0.0930051	0	0	0.0674955	0	0
16.7742	16.0134	16.7638	13.9597	15.7363	16.1084
1.58267	1.79131	1.52796	1.66749	1.62293	1.15905

0	0	0	0	0	0
32.3521	40.8339	60.2364	35.3151	53.6119	33.6587
0.0644248	0.184508	0.208448	0.0935085	0.199772	0.156655
11.743	8.72819	9.57486	10.5906	9.79726	11.0742
0.0379004	0.142821	0.100331	0.0825151	0.0220357	0.14637
9.77566	10.6446	8.77808	8.78351	8.59318	9.26767
0.0235661	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
7.4866	7.20215	6.31162	6.06045	4.9044	7.5892
0.303705	0.179673	0.224189	0.239552	0.194538	0.21395
9.03768	7.01501	7.277	8.68991	7.68467	8.60312
4.56635	4.36141	4.58749	3.2211	3.37707	2.90173
0	0	0	0	0	0
0.104419	0.0373811	0	0.0757789	0.0809473	0
17.1281	11.3439	16.008	15.378	14.1113	14.9004
0	0	0	0	0	0
12.4665	9.77002	11.5319	11.5286	12.1521	12.9287
3.68787	2.49313	2.90623	3.07839	2.42945	3.07895
5.64288	9.11384	8.38571	6.10866	5.53707	6.12362
3.11181	2.91945	2.99446	3.58213	2.07959	1.43506
0.152038	0	0	0.110337	0.117862	0
0.119438	0.0855151	0.0966107	0.0650085	0.115737	0.0484041
58.3598	64.21	61.5495	78.1192	71.7717	50.2564
6.64528	6.51589	8.55384	5.20032	5.18318	5.75182
0.0251568	0	0	0	0	0
0.0429616	0.0615193	0.0521261	0.062356	0.0166522	0.0870545
32.7368	34.3441	33.6911	35.719	30.2243	29.2121
10.0166	8.81204	8.14964	12.1509	11.842	11.5739
48.9652	47.1428	44.3711	48.3581	54.3141	44.6044
0.203866	0.202728	0.443406	0.205485	0.28096	0.14688
0	0.0533454	0.060267	0	0	0.0603902
2.87762	2.17344	1.68869	2.89092	2.16954	3.30196
2.97281	2.36739	3.17757	2.2675	1.74019	2.50791
6.68593	5.95187	5.9826	7.04657	5.33681	5.87647
0.0440716	0	0	0.0639672	0.06833	0
3.34574	2.96517	3.75478	2.88349	3.53492	3.24917
9.20253	10.3019	6.00434	7.2688	6.26683	8.61283
0	0	0	0	0	0
21.1489	21.2777	18.4375	19.6868	17.3233	19.5759
1.32316	0.857132	0.662552	0.708748	0.561711	1.32781
0	0.137871	0	0	0.223916	0

0	0	0	0	0	0
0	0	0	0	0	0
15.5856	14.6002	13.5631	12.4621	15.3499	15.7215
2.40605	1.36627	0.872435	1.50527	0.707491	1.2777
0.00781433	0.015346	0.00632086	0.0205236	0.0351929	0
67.477	51.9907	57.0907	56.1125	68.4377	48.1779
33.2102	36.8862	38.2994	39.1672	36.6085	33.4869
0.105504	0.377694	0.0853399	0.076566	0.163576	0
11.7578	10.6658	12.1978	11.4847	10.0104	14.0602
23.4296	21.6303	23.3538	21.8452	21.3394	23.3969
4.59838	5.50668	4.44369	3.54385	3.59628	5.17842
7.01842	7.69833	7.87702	7.86827	6.46819	9.03558
30.9277	33.8013	34.9757	32.3243	29.207	31.4596
14.9629	14.5586	12.3698	12.0083	15.4016	14.6174
0	0	0	0	0	0
0.812003	0.357771	0.656813	1.26923	0.871584	0.708783
4.71951	4.59208	3.88278	4.918	5.06581	4.6754
63.7309	55.1638	60.2136	58.8665	61.5642	69.5626
0	0	0	0	0	0
0	0	0	0	0	0
0.354427	0.728173	0.767159	0.922313	0.535965	0.351692
20.4213	23.6377	18.9043	21.8185	22.2512	19.4028
29.6159	24.9785	30.8726	28.7869	25.7191	36.6326
82.2029	77.5599	75.9758	79.9329	91.4782	67.7257
0	0	0	0	0	0
10.1284	9.72168	10.1881	9.89755	9.82632	9.62374
11.4433	7.27145	11.4353	10.1558	13.7316	11.5553
0.539667	0.386391	0.945805	0.587469	0.836716	0.874836
37.7322	23.9739	52.9281	41.0423	39.9765	32.4005
0	0	0	0	0	0
0.627688	0.33506	0.261121	0.814076	1.07555	2.3751
27.16	20.96	23.5384	23.3301	28.9387	22.297
0.0443898	0	0	0	0.0688233	0.0359794
0	0	0	0	0	0
0	0	0	0	0	0
21.8885	21.0605	19.6368	22.4045	19.3111	23.8089
3.85541	5.31478	4.14681	4.28592	4.87483	4.05558
0.0391859	0.0611014	0.00443753	0.107162	0.0182265	0.107074
0	0	0	0	0	0
0.651401	0.233195	0.526905	0.315156	0.252488	0.30799
192.666	283.271	237.514	214.079	244.068	227.309
39.5038	43.213	32.4369	40.918	26.6708	31.1032
4.84965	4.55833	5.11166	5.85541	4.92383	5.21481

5.56814	6.19469	6.23625	4.16524	4.38292	5.8324
2.21484	1.27383	0.998563	1.81815	1.0133	1.7952
1.26888	0.458376	1.0627	0.888258	0.739963	0.464325
0	0.0711639	0	0	0	0
10.8652	14.6681	14.7111	12.4243	12.5786	12.9931
0	0.0878078	0.0496004	0	0.0475362	0
0	0	0	0.0802649	0	0
30.6785	38.3854	35.5758	33.6801	33.5663	40.9966
0.0258984	0.0185427	0	0.0187949	0	0
0.132292	0.9125	1.94646	0.590687	0.803846	1.09523
0.203933	0	0	0.110998	0	0.0413236
0	0	0	0	0	0
0	0	0	0	0	0
0.99543	1.07986	0.805183	1.00698	1.59011	1.24692
1.34431	1.3257	1.70288	1.56462	0.865162	1.31575
8.51138	7.43066	7.09009	7.23722	5.45981	7.34361
0.0663795	0	0.0134217	0.0642339	0.0578928	0.071741
1446.55	1500.51	1460.09	1534.55	1527.03	1336.22
0	0	0.167096	0.149917	0.160142	0.0837191
18.0667	17.0157	21.324	17.7751	21.3452	14.4225
0	0	0	0	0	0
0	0.0495221	0	0	0	0.056062
413.808	464.147	408.16	409.578	445.916	467.94
44.104	42.987	22.6548	28.5026	36.0618	27.2674
47.3848	44.1917	48.0462	45.2291	48.9708	49.2744
0.896376	1.55863	1.30511	0.910723	1.40962	1.47384
110.213	124.565	120.634	119.779	112.736	96.6784
261.764	124.946	211.736	126.645	135.283	0
45.1172	41.2554	41.1643	39.6012	35.4321	39.5805
2.09392	0.99945	2.03749	2.22077	0.665942	1.23347
5.84115	5.39632	8.49992	6.82662	4.56186	5.95624
21.4121	18.5587	20.8729	22.0199	17.7565	24.8049
0	0	0	0.0198982	0.0425108	0.0888951
5.80279	4.23183	6.57376	5.97609	5.93027	6.92404
0	0	0	0	0	0
0	0	0	0	0	0.0567249
0.858202	0.228512	0.630186	0.622817	0.44391	0.258689
10.3409	9.87743	8.86042	8.68331	9.21631	11.1864
2.42766	3.21437	1.45447	2.45172	1.67587	2.43296
0	0	0	0	0	0
2.04638	0.578978	1.97045	3.66096	2.36618	2.76584
33.427	25.0293	33.6	31.7045	25.5469	31.2859
0	0	0	0	0	0

5.94869	6.08091	5.66342	5.18303	4.70674	4.42337
0.0374699	0.152024	0.0404115	0.0271926	0	0.121482
13.0838	15.121	13.7104	14.8255	11.8948	10.3945
0	0	0	0	0	0
10.6815	8.17314	9.86842	7.79611	6.89773	8.90552
9.88494	17.1538	15.4494	15.928	16.4948	13.9872
9.48264	7.06323	8.37286	7.00615	6.09354	7.79131
23.8337	19.9274	25.1297	21.0028	20.3862	23.056
0	0	0	0	0.4257	0.890188
8.34576	8.3375	8.23032	7.36045	7.02684	7.28079
3.68286	3.44385	4.28821	4.46599	3.02466	3.64132
22.844	23.9656	26.5306	29.3174	28.9682	25.4934
2.90494	2.47899	3.43333	2.81766	2.86335	4.52686
0.17476	0.285953	1.5617	0.871593	0.876154	0.302271
83.5081	111.99	91.7174	101.224	79.3091	90.4917
0.714508	0.305354	0.777341	0.593609	0.38087	0.248889
38.9063	40.2211	41.5889	38.7154	36.9419	40.0666
0	0.365681	0.275419	0.247102	0.263956	0.137991
5.98077	5.05684	5.07387	5.46203	4.62264	4.65249
0	0	0	0	0	0
4.76079	3.28846	4.79746	3.98072	2.8042	3.54186
6.78037	5.46894	6.35627	5.77112	6.15663	6.42864
0.0375832	0.0298928	0	0.117036	0.122958	0
20.6937	17.587	20.2403	18.6473	20.0462	19.9627
0.373082	0.227805	0.20297	0.253089	0.199131	0.26235
0.0603019	0.0595717	0.0232876	0.0371438	0.0598201	0.0757106
19.3313	21.9372	19.0777	20.477	18.8681	18.0255
5.31322	4.3636	5.81461	6.12408	6.78406	5.06652
1101.55	1566.67	1265.14	1017.4	1306	1434.27
0	0	0	0	0	0
0.259277	0.0862263	0.0216471	0.116043	0.0933593	0.17715
35.2099	37.1946	37.2187	36.869	36.1236	41.2799
2.50165	2.75932	2.02354	2.5515	3.51174	3.12371
14.8156	11.6963	15.7118	14.7626	16.11	17.1644
1.04515	0.982156	0.792565	0.521459	0.75958	0.688295
2.01153	1.46364	2.28851	1.78025	2.66234	2.63783
0.865265	1.98896	0.773569	1.02453	0.953195	0.885886
3.75095	1.69865	4.33042	3.50892	3.21228	4.08524
0.422846	0.938524	0.547251	0.337554	0.147509	0.342731
2.3779	2.73079	3.27555	2.9217	2.81071	2.99601
134.925	153.198	151.215	148.921	157.945	125.473
0.260234	0.372736	0.175415	0.409189	0.403519	0.175773
6.32822	5.64408	6.57497	6.57203	5.56124	6.23468

0.475398	0.408451	0.25636	0.368005	0.294829	0.15413
4.02797	5.09121	5.60618	4.6542	7.01263	2.60819
37.7856	35.2002	36.4713	41.5166	44.7174	31.2699
24.6812	30.4518	25.065	23.117	24.9391	25.4228
7.1607	6.16529	4.3991	3.63985	4.45024	6.56316
14.9703	12.9349	15.2773	15.4232	16.8683	12.0804
0.0477503	0.102565	0.0386243	0	0.0740335	0.11611
3.84289	2.15552	3.45202	3.67055	3.79285	3.78442
0.170961	0.0473934	0.136756	0.150839	0.19639	0.0776306
0	0	0	0	0	0
42.3221	39.7123	38.6987	37.7724	41.0619	34.6231
87.1873	114.636	111.996	85.5925	98.9352	70.9289
0.1508	0.134962	0.0609895	0.0547192	0	0.146782
2.91248	2.30798	2.37993	3.75632	3.3914	4.42807
56.9234	53.9017	61.7645	57.1054	53.7543	57.9205
0.0519523	0	0	0	0	0
51.7216	49.5306	40.847	46.3573	36.154	35.8387
22.3309	31.411	26.5633	27.4042	27.8625	18.1306
0	0	0	0	0	0
0	0	0	0	0	0
3.72455	1.81618	2.52081	2.15645	1.40459	2.08539
0.1762	0.378468	0.142525	0.170495	0.409779	0.190421
1.31574	1.1007	0.761775	1.20612	1.27762	1.34706
0	0	0	0	0	0
9.70981	6.5274	8.64747	7.9681	7.82191	8.27688
114.037	100.712	115.113	131.575	135.771	94.5498
48.0397	48.2101	56.5888	49.2944	45.483	48.9559
19.5408	21.1427	21.0887	21.7566	17.3996	17.542
2.65485	2.71546	2.81215	2.79827	2.30309	1.84444
0.0434233	0.0932708	0.0702485	0.157565	0	0.0351961
8.50248	8.93986	8.84935	7.92516	8.12768	8.54616
0.0649922	0	0.0525709	0	0	0
0.410588	0	1.49452	0.893913	0.318294	0.831988
0	21.0258	23.7539	85.247	0	47.605
4.77155	3.9455	2.75837	3.15228	2.62346	2.8691
13.0157	10.1607	11.2979	11.9239	10.6541	12.0016
19.7418	17.771	18.2252	19.1107	18.0735	16.8276
0.0838851	0	0	0.0304385	0.0325145	0.0339958
0	0	0	0	0	0
12.7323	11.2758	12.3169	13.6551	10.2072	11.582
1.43109	1.72325	2.05207	2.07713	1.56325	1.79264
290.475	245.79	289.061	302.408	324.18	306.828
1.73119	1.67786	1.51986	1.97646	1.9476	1.985

0.131811	0.212342	0.133274	0.0717431	0.229909	0.213674
0.0832479	0.0596039	0.336688	0.181243	0.064535	0.269901
6.86042	6.0472	5.9942	6.41125	7.04924	7.44906
0.0794479	0.127987	0.0642638	0.158556	0.16937	0.12879
11.3287	5.03826	8.54199	9.0311	7.86644	8.2246
0	0	0	0	0	0
0.0732953	0	0.0148214	0.0132976	0.028409	0.0792089
1.24851	1.91974	0.993283	1.30202	1.027	1.16627
5.40329	2.62599	4.05019	3.60453	3.54529	3.44867
0	0	0	0	0	0
27.8299	27.3599	26.7863	27.6108	32.4583	23.3909
15.949	14.5802	14.0603	15.1681	12.9025	14.366
1.93346	1.1621	1.77086	1.39699	1.22612	1.70214
13.7131	12.0808	8.56034	9.9735	8.96671	12.8305
65.919	64.8151	64.4849	63.2239	78.0278	51.4351
122.369	152.661	145.684	142.755	116.169	106.977
29.0141	30.7234	28.0087	32.4699	24.3343	28.1484
76.688	80.5318	79.0545	80.0594	76.1465	80.0806
6.49142	5.79062	6.97234	7.49117	8.49707	7.41787
18.4202	17.2425	20.2624	18.7384	18.8913	18.9677
1.30503	1.11669	1.46755	1.20117	1.13505	1.54795
0.359119	0.308546	0.290484	0.104248	0.445431	0.407509
0	0	0	0	0	0
7.67727	4.0127	4.5023	10.3909	8.48095	6.4716
6.23008	6.0672	5.78675	5.97729	5.70963	4.17241
0	0	0	0	0	0
0.0849128	0.0865508	0.0429276	0.112611	0.0444864	0.0396913
122.112	97.0158	99.2565	118.285	87.5517	144.932
9.77165	10.0207	11.2003	10.8184	7.7432	10.8043
16.6066	14.2401	15.5497	16.9192	12.9132	15.7764
0.772695	0.62986	0.468214	0.598255	0.648448	0.74609
12.4557	9.51052	9.86381	11.7575	11.6816	8.89558
0	0	0	0	0	0
4.54928	5.52633	5.03896	5.53266	4.16135	1.92387
8.94987	7.0115	8.25653	8.02531	7.61448	9.01901
538.005	566.302	456.876	438.13	418.745	404.747
8.84692	7.54189	8.33974	7.33911	7.28258	8.4926
7.12306	4.92411	5.44383	5.98931	7.00712	5.3156
16.3012	9.26166	11.3846	13.5589	20.1916	14.1544
0.041752	0.00664303	0.0150099	0.0101001	0.0251742	0.0188008
77.1741	83.5774	75.7166	90.0014	88.1283	63.2743
9.37715	13.1329	6.14999	9.72496	5.10817	11.0926
26.534	31.3962	27.4356	27.0254	22.0055	25.651



2.57136	3.00112	2.96043	2.30705	1.36558	2.01032
0	0	0	0	0	0
0	0	0	0	0	0
9.94657	8.06066	6.45415	8.32893	9.94205	11.2809
3.84006	2.96853	2.01252	2.51865	2.97226	3.68876
0	0.705326	0.398421	0	0.25456	0.798472
4.32791	4.79768	4.58044	4.16822	3.79405	5.09249
0.506329	0.281962	0.227533	0.489936	0.261676	0.410397
3.54082	2.86677	3.52877	3.31776	4.03049	3.6934
0	0	0	0	0	0.0233153
56.17	43.9945	54.9796	54.6183	59.9054	58.5523
30.9575	14.3749	18.9994	14.4178	27.8318	8.23984
38.5767	50.6152	32.5449	28.8753	40.9491	41.8138
0	0	0	0	0	0
100.875	97.4088	101.984	108.779	93.4369	102.436
0.449527	0.206621	0.207494	0.302512	0.274052	0.207918
5.09402	2.94181	4.50271	3.58289	4.4363	4.62964
6.08173	4.63184	6.15782	6.77141	7.05747	7.41168
0	0	0	0	0	0
0	0	0	0.0168356	0	0
0.124694	0	0.0672415	0.0301642	0.064443	0
42.664	35.7378	36.1392	36.6867	41.4789	35.424
554.589	567.267	562.707	560.616	646.229	560.468
0	0	0	0.0404966	0	0
71.7462	71.5398	87.5509	78.5359	55.3485	69.0306
5.37791	3.82243	4.4214	4.64929	4.73858	5.52613
0.702211	0.599876	0.531446	0.995269	0.82996	1.24827
4.27809	5.98118	2.30252	2.24072	2.92764	3.14465
0	0	0.024992	0.0224225	0.0479037	0.0250431
83.1388	71.3134	78.6114	72.9542	48.5715	48.1984
0	0	0	0	0	0
0	0	0	0	0	0
1.04173	1.89353	1.44606	2.28557	1.30044	1.83398
29.1546	25.6655	11.8227	23.7962	17.269	20.2863
0.178051	0.127481	0	0.25843	0.138028	0.144317
0	0	0	0	0	0
64.8656	61.3547	66.1937	77.8787	84.4098	62.0474
3.39164	3.96545	1.15345	1.53493	0.98895	1.01943
16.6989	15.0328	16.7949	13.7088	15.2334	16.9903
1.23707	1.10715	1.18826	1.23443	0.719248	0.752016
0	0	0	0	0	0
54.4862	57.0819	39.8083	38.2259	31.9378	27.0507
487.922	504.568	492.328	508.853	551.731	496.663

0	0	0	0	0	0
12.3535	12.5722	14.0669	9.51655	6.23899	6.08987
40.5064	42.4602	25.0555	89.2156	25.6546	267.578
5.70016	5.01924	4.9159	5.39614	5.66315	6.48825
7.21992	4.96353	6.07257	5.52189	5.85915	6.61947
0	0	0	0	0	0.0793484
24.5965	26.9868	28.9751	25.0168	26.0574	23.7769
0	0	0	0	0	0
7.19086	2.97234	5.69661	5.37993	6.83877	4.146
0.790742	0.439428	0.773513	0.602857	0.646073	0.325469
1.04968	1.20505	1.85779	1.48002	0.967158	0.882884
0.0484081	0.0346593	0.0391563	0	0	0
10.2102	6.12719	7.2143	7.85447	7.58425	7.4508
0	0	0.0413316	0.0185411	0	0
0.272722	0.219671	0.183832	0.371098	0.158563	0.285523
19.7548	15.4259	15.2134	14.8252	17.0933	18.1253
12.3823	11.2473	10.5951	10.9308	10.6019	10.6729
1.93273	0.94681	1.23422	1.18115	1.73485	1.31919
0.0225355	0.0179278	0	0	0	0
19.8963	16.166	16.4771	20.918	14.8923	21.0267
0	0	0	0	0	0
0.563429	0.386393	0.699016	0.89256	0.55723	1.07708
34.2827	43.7744	39.8633	34.7556	40.3375	33.033
5.72749	3.92519	4.72884	4.38619	5.19436	5.47589
3.1347	2.28988	3.2894	2.44398	3.03757	2.78111
6.48614	4.53034	5.74388	5.49883	5.39719	5.64309
0.446847	0.657891	0.316304	1.05385	0.681667	0.546256
2.11089	1.19118	1.70681	1.75778	1.56983	2.23794
0	0	0	0	0	0
0	0.063016	0.0711924	0	0.0682295	0.142676
0	0	0	0	0	0.0514106
10.0878	8.4052	9.62937	9.53373	7.88914	8.91792
0	0	0	0	0	0
19.5998	13.8968	11.6762	15.1802	9.54602	12.2114
11.9369	8.01619	8.18345	8.50251	8.40306	8.14875
2.08937	2.25896	3.02988	2.11215	2.08871	2.73254
16.2569	13.8669	13.8742	14.5406	13.8203	15.0134
0	0	0	0	0	0
7.52955	8.78809	9.51119	5.76399	12.074	12.206
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
16.3294	17.2973	18.5637	20.3471	19.8576	21.7587

0	0	0	0	0	0
5.44191	4.81691	4.70182	4.32815	5.15109	4.44917
0.154472	0.0552995	0.124949	0	0.119749	0
10.1502	11.5436	11.3467	9.1575	8.35502	8.61958
27.2276	24.0312	30.9342	34.0028	29.0483	30.6486
0	0	0	0	0	0
9.09098	7.21174	8.28924	8.6751	8.17977	9.81525
5.28644	4.98262	5.42489	5.30233	5.55388	5.38482
0.129889	0.0557988	0	0	0	0.0962553
0.0466044	0.0333679	0	0.0676433	0	0
2.2854	1.46344	2.09372	1.77137	1.86231	2.15027
22.8737	24.1208	24.0484	24.0431	24.0734	21.9631
0.354368	0.116269	0.491807	0.24737	0.498641	0.0726227
27.3877	30.6616	30.1944	29.9062	23.2458	23.0335
1035.95	2014.65	1443.61	1217.64	1006.7	2255.68
11.4802	9.60228	10.6833	8.9802	13.0582	14.8126
85.5038	83.3977	84.2885	89.0618	92.7527	69.3845
4.17731	3.21777	3.47604	3.04549	1.78293	3.35471
3.6136	3.30832	3.88132	3.76172	4.40864	3.48113
16.0516	13.9354	14.0244	17.2908	13.7875	13.5544
3.45849	2.04737	2.95379	2.43978	3.11544	4.0404
0	0	0	0	0	0
0	0	0	0	0	0
0.212196	0.208734	0.152256	0.216004	0.175091	0.221182
0.0733264	0.0175001	0.00988538	0.00886905	0.0284219	0.0396224
0	0.281767	0.156675	0.140567	0.150156	0.21805
0	0	0	0	0	0
0.419158	0.0689069	0.213678	0.951222	0.14724	0.337222
2.22958	2.20316	2.01683	2.17286	1.60718	2.49882
8.01555	6.652	6.12997	9.38657	6.43974	8.62312
9.75076	8.783	8.58686	10.8998	9.99731	10.8989
3.07823	0.369863	2.6504	7.28818	8.81722	1.97056
0	0	0	0	0	0
4.93192	4.84983	5.36156	4.50572	5.99652	5.203
15.5709	16.0357	17.6161	19.6134	13.8173	16.8925
65.5204	74.4881	72.9763	69.3434	78.4022	67.4162
0	0	0	0	0	0
0	0	0	0	0	0
15.7841	13.7243	13.091	14.6702	16.2671	14.5393
33.8953	31.8719	36.1143	34.9465	38.3402	35.432
561.014	785.106	615.11	657.877	619.8	831.904
2.0366	2.60935	1.73407	1.94473	1.32952	3.47523
2.45721	2.37341	3.13138	2.59074	1.7611	3.00626

3.50373	3.09897	2.87471	6.76411	2.60817	8.23652
0	0	0	0	0	0
24.634	20.4306	22.4588	21.0587	25.3297	21.3827
10.4005	8.86939	9.97844	8.69034	9.00297	7.48867
11.0888	10.0206	8.62121	9.92249	7.51128	12.5656
1.10347	0.917756	0.916188	0.599738	1.16475	0.956629
0.00485427	0.00173778	0	0.00352283	0	0.00767237
26.9637	29.258	26.563	28.7813	26.9662	26.399
4.69867	4.58366	3.13554	3.19679	3.59695	3.47519
0	0	0.0817182	0	0	0
2.84969	3.39093	4.04749	3.54291	3.82236	2.00516
0	0.0856884	0.0242016	0.0651403	0.0231944	0
5.40882	5.1119	5.0051	5.49539	4.69616	6.24286
8.36176	0.269072	5.09174	0.136366	7.429	4.56909
0.0135122	0.00967449	0.0109298	0	0	0.0547605
34.4713	31.0734	34.6213	37.341	36.6768	40.8844
0	0	0	0	0	0
5.33407	5.08005	3.08549	3.97862	3.86295	5.3768
4.84522	4.64197	4.12449	4.62137	4.29267	4.50694
0.0474734	0	0.240003	0.13781	0.24053	0.153916
0	0	0	0	0	0
0.297269	0.378381	0.400758	0.203748	0.128027	0.0401578
0.346236	0.3243	0.155323	0.19776	0.231027	0.239201
0	0.0487009	0	0.0109655	0	0.0490026
0.118937	0.0851566	0.0962057	0	0	0.0964024
20.9415	22.4342	26.8257	20.6825	20.6437	25.7319
15.4827	16.7709	11.3156	12.599	8.63213	14.3112
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.459358	0.680904	0.936508	1.13561	0.408257	0.556679
0	0	0	0	0	0
15.5257	12.1201	16.0289	17.4824	14.9865	16.0481
0.853826	0.614035	0.33637	0.606635	1.19078	1.17855
0	0	0	0	0	0
36.719	35.2123	18.1352	28.2129	22.9125	23.87
79.9862	67.2795	82.6881	84.6042	85.5562	78.1944
7.21874	5.69858	4.49161	5.29254	3.58723	5.85103
0.595031	0.588913	0.517629	0.581057	0.709085	0.96665
0.14977	0.251325	0.0605728	0.191341	0.090706	0.242787
272.454	312.32	306.604	307.245	334.956	249.024
0	0	0	0.204826	0.218796	0.228765
6.95415	5.44169	5.68718	5.74287	6.07342	6.54011

9.27908	3.63249	8.90959	6.83088	6.72753	10.8757
2.43371	3.87887	2.56736	2.74479	1.39911	1.85523
0	0	0	0	0	0
17.7954	14.3502	17.8315	16.6655	17.6913	18.0748
1.10446	0.652649	0.875943	0.931935	0.790029	0.546207
0.505321	0.87435	0.34062	1.2224	0.587599	0.750896
0.599646	0.306668	0.485042	0.373006	0.0664079	0.277733
22.2684	21.0348	22.9599	22.4191	19.3344	21.4907
0.146444	0.149787	0.1523	0.0151824	0.0973076	0.0678272
0.159141	0	0.222864	0.0957325	0.11866	0.0328562
0.613806	0.732456	0.910241	0.90946	0.614616	0.891373
0	0	0	0	0	0
6.23289	7.03283	7.59196	7.3738	6.27314	7.27594
32.2038	24.022	30.6224	32.2321	32.4255	29.359
1.12746	0.714455	0.57654	0.742981	0.371712	0.567215
0.141874	0.0338597	0.076506	0	0	0
1.32098	1.2935	1.40108	2.05569	1.23092	0.911132
50.4498	49.7411	49.829	51.0229	47.4006	43.9226
0	0	0	0	0	0
2.66013	4.64334	3.16112	3.52026	5.71515	4.33532
0.39741	0.113815	0.45004	0.288408	0.616157	0.708652
0.426734	0.343725	0.043147	0.193555	0.578919	0.172941
19.0625	16.3223	14.2235	14.1163	20.4473	8.5137
0	0	0	0	0	0
0.488891	0.175018	0.474545	0.212878	0.682193	0.198131
27.4624	22.9815	25.4592	29.1175	22.1952	23.2064
0.755008	0.329436	0.191984	0.323435	0.0834137	0.0938191
32.7255	33.5535	34.6282	31.5703	39.3441	36.2216
0.0598399	0.0214221	0.0242016	0.0651403	0	0.0242511
6.56852	5.39967	5.68211	4.61241	6.04678	5.92789
4.28698	0.512688	0.467186	0.369538	0.384684	0.771591
2.89871	2.78153	1.13609	1.323	2.52512	1.79249
2.92324	3.90631	2.72145	2.5845	1.3082	1.59046
14.7649	17.5042	14.309	18.8571	17.2682	20.866
0.363111	1.55988	0.44057	0.922308	0.28149	0.441471
26.6437	24.8043	32.5444	26.5494	32.2295	26.3146
0.926618	0.815252	0.974558	0.474074	0.813174	0.773776
17.0769	15.5379	17.7756	17.4521	16.4914	17.215
5.47403	6.35844	9.37381	7.43806	6.47819	6.74973
5.88818	4.90412	4.44693	6.36613	3.93581	4.06642
0	0	0	0	0	0
14.473	11.7349	13.3896	16.1073	11.1503	13.8866
0.284453	0.254578	0.431415	0.69671	0.578844	0.922234

0.209556	0.100026	0	0.050693	0.108301	0.113235
6.14694	7.20696	7.82979	7.82188	4.05328	5.47754
16.7866	16.1503	18.6747	16.6031	18.5992	20.185
15.1427	13.0746	12.1631	12.3126	10.5301	12.8091
11.621	10.0664	13.1661	11.2211	14.7605	13.124
3.19314	3.81053	2.23362	3.40918	1.83126	0.847213
107.629	98.63	96.5062	108.968	127.873	99.2498
5.44587	1.58446	0.00796789	2.47255	3.98823	2.05608
0	0.0613859	0.0693507	0.0311104	0	0.104239
11.413	9.7576	9.79946	10.405	11.8175	12.4507
0.141589	0.125228	0.0808434	0.0785761	0.0645657	0.0540058
0	0.174025	0.0983024	0.132294	0.0471056	0.147755
269.147	292.275	286.512	308.537	327.812	266.873
0	0	0	0	0	0
13.1587	15.0674	16.5997	19.3404	18.2289	15.6711
9.32059	9.34953	10.967	9.08794	8.97877	8.97296
0.236409	0.112843	0.191227	0	0	0.447108
0	0	0	0.0992747	0.106046	0
35.7985	35.9505	34.3484	36.5985	30.0406	31.5633
9.61164	8.74628	8.29433	8.69106	7.96013	9.06446
0	0	0	0	0	0
303.01	378.537	362.387	324.803	381.473	312.041
0.201139	0.316825	0.162697	0.642268	0.124741	0.195636
0.0542435	0.194187	0.0438765	0.0393655	0.0420504	0.131899
5.85685	5.29512	5.12589	4.41794	4.92944	5.2042
9.71865	9.92791	10.3645	10.8365	9.09446	10.7473
9.85414	9.30998	8.19039	8.49097	9.00696	9.26329
3.36289	2.8984	3.27301	3.15713	3.90485	4.32745
0	0	0	0	0	0
12.9455	13.5992	12.8746	13.4502	9.45974	9.03066
58.5429	57.9248	58.7142	62.7476	50.3057	49.1398
39.9534	52.6226	47.076	43.0402	32.0429	46.5456
9.75769	7.64687	7.73444	8.54218	9.01646	7.11579
0.824309	0.325622	0.425352	1.00047	0.837333	0.748767
1.27955	1.61682	1.85143	1.47939	2.18765	1.72741
0	0	0	0	0	0
20.2683	16.1834	30.4123	15.1911	16.3364	18.6305
17.3621	18.2191	16.8306	18.8629	17.8357	15.8974
587.851	1217.84	801.207	711.495	517.164	1264.2
35.8897	15.7293	14.6423	25.2039	8.3186	11.3225
0.0386275	0	0.12498	0	0	0
1.03724	0.891176	0.587304	0.526922	0.562861	0.840721
176.25	148.552	141.883	161.31	104.504	156.552

0.60121	0.990046	1.1185	0.916248	0.978741	0.584761
176.578	205.302	177.136	193.242	192.04	209.316
0	0	0	0	0	0
0	0.0244332	0.172524	0.0247654	0.105819	0.118499
42.2684	41.4769	42.3024	43.8024	47.3934	36.9696
10.1732	11.0642	11.0612	12.4695	8.62552	10.4513
0.198014	0.0708871	0.0400424	0.107777	0.172691	0.160497
17.298	12.5082	15.6906	14.7178	14.2493	17.4173
0	0	0.108742	0.716813	0.468975	0
0	0	0	0	0	0.0620182
2.88547	1.5242	2.33421	2.88645	3.1485	1.95263
30.1683	30.5133	35.5433	32.0553	36.1757	32.0358
19.6919	19.6246	20.1339	18.8249	23.6522	19.8344
1.35921	1.75171	1.53922	1.18369	0.842947	1.10169
0	0	0	0	0	0
0.105994	0.0379448	0.214341	0.230765	0.246504	0.472514
5.59757	5.38297	6.83604	7.56696	6.80679	7.29482
0	0	0	0	0	0
0.138803	0.0220839	0.0249493	0.0435505	0.023911	0.131548
0	0	0	0	0	0
2.73255	2.58143	2.1796	2.42374	1.97121	2.49167
6.13954	5.43014	6.11108	5.45788	4.6477	5.97202
41.0247	41.1147	43.0811	40.7536	36.9441	34.377
12.0398	7.0284	9.93686	7.6055	6.32334	7.21447
6.93087	4.18396	5.74914	5.86817	5.76272	6.93952
0.142984	0.102374	0.0867428	0	0.138554	0.231787
14.7402	29.5939	19.0823	21.0775	17.385	9.00013
0	0	0	0	0	0
29.4127	27.5525	30.224	30.7072	30.5773	31.5657
4.06677	2.25662	2.99584	2.55	1.49034	2.13342
0	0	0	0	0	0
2.2401	1.58604	1.50551	1.54808	1.73608	1.39347
31.6921	24.8125	25.8783	31.3205	34.755	28.5069
5.5557	2.83027	7.12963	9.76935	4.67956	8.44314
48.2109	51.301	52.3935	51.5104	49.3099	51.5576
6.72705	5.84193	7.28719	6.66342	6.98218	7.78975
11.1167	9.92459	8.11548	14.908	11.1662	8.51066
2.06874	2.08616	2.18008	2.18854	2.13452	2.90484
0	0	0.117881	0.0264397	0.112975	0.118122
16.9582	11.6892	16.3458	19.9962	16.625	14.7501
15.2946	13.8591	16.2884	15.5204	12.85	15.5073
613.563	722.504	693.246	629.876	769.831	578.015
1.08466	1.24255	0.987028	0.846193	0.609612	0.7253

1026.38	964.798	992.731	1048.54	1021.6	997.275
17.2641	14.4303	16.0246	16.3159	21.6193	15.9813
1.46237	1.06255	1.46148	1.04671	0.832439	1.30897
27.6258	31.151	27.3257	29.7349	25.3061	25.9978
10.0344	11.4	9.08955	12.3697	9.67034	11.3828
0.940402	0.605979	1.06494	1.19432	0.255155	0.533559
7.53632	5.04413	6.41247	6.3579	5.16006	6.10893
0.812003	0.491936	0.858909	0.725274	0.484213	0.75941
0	0	0	0	0	0
37.972	38.7638	44.1897	40.891	45.1993	45.8686
18.7564	18.1429	20.497	18.6619	18.8733	17.1183
0.110303	0.163764	0.153383	0.15659	0.19818	0.127761
27.0291	23.0117	24.3544	24.7987	22.1217	21.8018
8.67269	7.96504	10.1922	9.25965	10.0672	8.0416
0.165503	0.0473987	0.080323	0.14413	0.17962	0.107316
10.5097	8.11858	9.91293	10.969	11.103	11.7392
0.137198	0.110511	0.110977	0.132758	0.119654	0.0278001
3.0236	2.84591	1.26449	1.16855	1.19725	1.65202
0.139021	0.132715	0.112451	0.13452	0.107771	0.0751209
3.72336	3.67139	3.75148	3.65022	2.86109	3.44147
0.0766743	0.109795	0.124041	0	0	0
0	0	0	0	0	0
0.906018	0.481221	1.0822	0.722806	0.730257	0.534911
8.3629	6.26374	7.5174	6.75418	7.93633	6.99395
0	0	0	0	0	0
5.54921	4.57774	5.95233	7.04754	7.76208	7.43119
264.352	273.771	273.539	269.482	424.672	210.04
0.592774	0.763947	0.191793	0.0860374	0.275717	0.480463
0	0	0	0	0	0
2.74136	4.01473	4.08208	4.97363	2.80132	3.63594
0.180738	0.0917577	0.279853	0.118725	0.0815241	0.200474
63.259	72.387	78.8152	82.4059	55.5956	74.6698
1.51761	1.00006	2.53918	4.85566	1.47873	2.47144
0.462705	0.662576	0.374273	0.335794	0.358696	0.625064
0	0	0	0	0	0
19.7034	11.5891	14.9436	13.6948	16.6846	13.5849
0	0	0	0	0	0
10.5331	9.76117	10.2119	10.2734	11.0899	11.3378
0.137535	0.073211	0.110236	0.042387	0.0777798	0.0631211
2.01083	1.05431	1.7516	1.04905	2.02053	2.44046
40.3582	31.2559	33.6088	34.5619	37.386	20.0145
41.7723	41.2152	47.8175	45.127	37.602	27.0291
1.12373	0.83231	1.00299	1.29356	0.510662	1.09926



1.41767	1.12749	1.72557	1.54061	1.84281	2.00919
16.2158	16.6038	13.6103	16.7031	16.1527	14.6981
0	0	0	0	0	0
12.8167	11.4076	10.674	9.95021	11.8682	11.1351
0	0	0	0	0	0
0.308722	0.221039	0.187289	0.130693	0.378933	0.125115
0	0	0	0	0	0
55.7057	91.0356	57.7243	58.4232	49.4254	43.7997
94.3682	100.13	92.2462	100.649	74.7311	87.7201
0	0	0	0	0	0
46.0193	38.1309	43.9503	49.8816	50.9239	51.0437
0.420221	0	0.339908	0.914886	0	0
48.4439	39.9171	43.8043	44.1266	41.0839	41.2249
0	0.0961602	0.108637	0.0974679	0.104116	0
0	0	0	0	0	0
0.388087	0.200059	0.259363	0.240332	0.288961	0.226479
3.88046	3.80367	2.54095	2.68202	2.90076	1.79728
15.4229	8.99169	11.1316	12.0657	12.59	12.9928
0.720515	0.564234	0.406758	0.346178	0.539576	0.505444
5.6155	4.76595	3.9706	5.07366	4.26659	5.30367
2.26267	12.5727	7.17983	6.04348	7.57288	1.96044
0.834288	0.805378	0.751671	0.616727	0.475983	0.557074
14.3471	27.1319	7.18546	9.72123	12.0785	13.6003
0.272694	0.272694	0.27321	0.27321	0.0968946	0.0968946
3.0115	2.66647	3.51588	3.89748	3.09719	2.89656
0	0	0	0	0	0
0.0810534	0.0580327	0	0.0588219	0	0
19.678	15.8322	17.2744	19.1472	15.4959	16.5283
1.67847	1.43894	1.60778	1.34631	1.23269	1.44996
0	0	0	0	0	0
14.1935	9.26693	11.0172	12.5844	10.8657	13.1514
12.8037	12.2297	12.1888	12.3009	15.7918	11.9255
0	0	0	0	0	0
0	0	0	0	0	0
33.1531	25.7617	30.3211	29.6053	29.6655	31.754
2.99997	2.83711	4.20114	3.57427	2.58561	2.26828
1.53489	0.430298	0.761489	0.986382	0.44687	0.709634
2.08515	1.74841	2.93737	2.27364	2.58186	2.38477
1.82111	2.07805	1.86441	1.36299	2.00733	1.59147
31.2781	37.8219	31.1235	32.5715	33.3689	28.6115
14.3634	20.6739	18.8947	22.7282	18.7971	31.3555
3.72509	3.05758	3.66239	3.91316	3.08718	3.21114
3.33137	3.26388	2.38858	2.4925	2.62435	3.26703

52.5002	34.7025	46.6727	42.7311	55.0915	46.7895
13.6285	11.6488	13.2782	13.5487	13.7026	13.2996
24.2409	24.6311	24.1996	25.4575	22.1869	23.8434
169.15	144.696	160.364	170.256	181.848	155.682
40.7382	46.1353	23.0782	25.6156	20.8967	29.3927
0	0	0	0	0	0
0.584653	0.385553	0.373353	0.502452	0.763338	0.586116
7.38223	5.82413	6.54184	5.86921	6.67053	5.22126
0.124764	0.148881	0.370037	0.482898	0.225678	0.707878
59.5842	66.4706	67.248	67.3368	73.6561	53.0048
13.8254	13.4385	13.9541	14.6461	13.1973	14.2257
0.297238	0.331048	0.0801433	0.479358	0.0768079	0.187383
16.4099	14.9941	14.5789	15.68	12.6784	13.2993
0.954903	0.639583	0.735027	0.603572	0.59698	0.399474
0	0	0	0	0	0
0	1.25518	1.13443	1.0178	0.543609	0.852563
9.64367	8.29768	7.8369	6.74409	7.80566	9.48172
17.3205	18.4758	18.1532	17.6204	16.2459	14.1656
0	0	0	0	0	0
1.13496	0.775673	0.66767	0.898539	0.799853	0.627221
0	0	0	0.073619	0	0
0	0	0	0	0	0
8.11967	5.62549	6.24423	8.31252	10.7739	5.61665
0	0	0	0	0	0
64.5025	54.0969	47.7567	53.6686	61.1264	51.7544
42.7037	38.5271	52.103	50.566	51.4643	48.7197
0	0.0374481	0	0	0	0
2.90272	1.97254	3.17127	2.28248	2.20641	2.67799
1.72345	0.881397	0.896183	1.34008	0.954317	1.59647
16.4531	18.6302	16.0641	15.184	14.5714	15.9207
0	0	0.344578	0.154576	0	0.172641
0.23296	0.0907729	0.461643	0.567379	0.294848	0.462422
12.3155	10.4049	11.7992	10.9039	10.9899	11.5128
1.32892	1.63056	0.505023	0.723635	0.168426	1.26569
93.0275	90.0313	94.9388	99.7061	95.64	91.4312
2.66354	2.1507	2.14901	2.45614	2.25136	2.62988
86.0481	92.291	71.3339	95.9409	82.2949	89.0129
0	0	0	0	0	0
10.4317	10.4313	10.1534	10.408	12.8592	11.5096
1361.59	1257.56	1298.08	1392.27	1441.46	1323.85
2.77988	2.36499	2.40731	3.27532	2.43389	1.13985
14.8333	13.3367	16.9845	14.4668	14.4004	15.6754
0	0	0	0	0	0

0	0	0	0	0	0
1.06454	0.122069	0.478847	0.396905	0.275428	0.639781
5.89494	6.0833	5.97718	5.12163	3.04657	4.50886
14.6853	8.98948	12.2189	11.5642	19.146	10.9122
0.0262018	0	0	0	0	0
60.7397	61.657	62.7786	70.234	75.0243	62.907
11.5253	9.81839	11.7404	10.8353	11.7535	12.0142
1.39196	1.07578	2.83642	1.39248	2.49008	2.97391
49.5758	38.9468	51.2235	48.6717	52.3794	50.0044
6.2379	5.18478	6.26339	4.19402	4.11895	8.18976
26.5958	25.8111	24.1814	26.1792	25.5714	23.2259
11.32	10.5152	11.2289	10.2051	11.5383	14.715
13.7539	12.1111	13.1948	11.4125	11.3697	13.301
28.8499	39.6664	30.4482	29.8065	33.7399	28.6826
4.08323	3.23084	4.06494	2.81179	1.66425	2.1656
0.131879	0.0786857	0.0711161	0.111658	0.170391	0.0356308
44.269	41.679	47.4625	46.7655	48.5068	20.3274
0.177441	0.304906	0.172234	0.334807	0.082533	0.258879
8.12202	7.70014	6.29789	5.65039	4.21202	4.44932
0.313246	0.542261	0.373839	0.418605	0.272387	0.388155
0.140534	0.100619	0.0284187	0.0764908	0.163416	0.0854304
0.0136307	0.0208494	0.00142074	0.0281746	0.0338027	0.0202703
66.633	60.6213	66.4351	64.8485	59.6435	59.8975
30.6537	29.4192	29.7436	31.5262	26.4051	29.2632
0	0	0	0	0	0
9.89234	11.1909	11.3627	11.4141	10.9637	9.54065
2.91183	3.70934	3.24238	3.78723	1.96414	2.45209
0	0.0170857	0	0	0	0
44.4426	50.7206	48.5252	51.5446	52.0123	47.9846
19.5881	17.7754	16.8855	15.6984	18.8784	18.6587
0.97884	0.808651	1.12065	0.786863	0.770486	1.11074
4.59439	3.79605	4.11368	3.78011	4.2468	3.9088
7.76451	9.09359	8.9841	10.3865	11.6264	9.66932
0	0	0.039182	0.140615	0	0
13.6343	13.7046	10.8786	9.97152	7.92202	10.8365
1.37236	1.08143	1.61011	1.24545	1.11707	1.16796
1.77552	1.07908	2.04167	0.989519	0.983121	1.7795
0	0	0	0	0	0
0.435526	0.184262	0.256209	0.179585	0.237873	0.288825
0	0	0.0401771	0	0	0
8.36073	6.27231	7.19392	7.10699	8.13399	7.50562
0	0	0.0827376	0	0	0
11.9508	11.0503	11.2175	10.8759	13.0049	10.9297

11.9501	7.58534	11.2985	11.6471	10.4372	10.4783
0.033338	0.0767829	0	0.121654	0	0.108089
174.98	100.226	283.076	126.986	162.777	255.289
40.5813	37.1494	44.3306	45.0182	45.6691	41.5476
0	0	0	0	0	0
7.44416	5.91132	5.85721	8.69289	7.92178	6.1983
0.671419	0.961447	0	0.324841	0.607244	0.634909
1.97969	1.28076	0.969197	1.42789	0.940503	0.820979
928.416	989.188	981.182	909.737	919.981	862.699
4.41046	4.62966	4.17169	4.36422	4.08474	4.20378
0	0	0	0	0	0
19.7722	14.31	19.3307	16.2933	15.2031	16.0695
0	0	0.0137465	0	0	0
2.34504	2.86156	1.45153	2.00164	0.854703	1.34046
59.0168	67.3014	72.9475	77.8091	54.4033	101.653
10.4346	10.892	9.42554	10.1818	8.52487	8.85631
1.14795	1.40005	1.75162	1.17493	1.52054	1.09519
1.34E-08	9.92E-09	1.33E-08	7.85E-09	2.06E-08	1.31E-08
0.222122	0.318071	0.17967	0.0805991	0.0860963	0.0900188
0	0.101857	0.0575368	0.0516213	0.165427	0.0576544
0.591211	0.846592	0.159406	0.143018	0.76386	0.798661
0.537923	0.843287	1.20327	0.764842	0.752982	0.670153
0.205854	0.343905	0.0555038	0.0995948	0.106388	0.222469
93.5036	92.5816	93.3444	97.0304	114.33	98.489
8.12292	5.78113	8.72794	6.26448	8.08273	9.47295
0	0	0	0	0	0
2.00664	1.22647	2.37531	1.63385	1.77058	1.481
19.4514	20.7921	20.5537	17.7944	18.6364	19.5409
4.01983	4.27898	4.63275	4.95677	3.14381	2.3932
0	0	0	0.0522373	0	0.0291712
1.94056	1.50329	1.62171	1.59399	1.68932	1.86942
21.7169	20.7558	17.2908	19.6844	16.6641	18.2547
0	0	0	0	0	0
5.38846	5.04512	7.0129	4.56225	5.3554	6.4113
20.791	18.7573	18.5669	21.3162	15.1169	19.2269
91.867	84.4639	92.0778	99.8321	101.806	88.6942
0	0	0	0	0	0
4.00463	2.79574	5.72285	5.45733	2.62553	3.60735
7.81737	9.04145	8.89947	7.61276	9.20244	8.01507
0.44303	0.324938	0.297175	0.305831	0.268054	0.324057
10.6872	7.63475	9.09334	9.23082	8.6326	9.83912
11.7525	10.0553	11.0461	10.9643	9.73788	10.6196
0.0891947	0.237704	0.0837536	0.298791	0.219485	0.268043

1.94747	1.55836	1.66284	1.41959	1.6694	1.7764
0	0	0	0	0	0
0.893007	0	0	1.57389	0.222516	0
0	0	0	0.0244665	0	0
39.2859	42.9551	38.5765	35.2071	31.5882	39.2108
1.71443	2.60378	1.51283	2.37527	2.69837	2.14756
0	0	0	0	0	0
0	0	0	0	0	0
13.0539	13.0489	14.2745	13.5704	16.5061	20.4888
0	0	0	0	0	0
7.14685	7.96699	6.76882	8.10816	7.81961	5.38947
7.18346	7.81999	8.98585	8.3527	8.61187	7.4458
0.0975994	0.139759	0.157892	0.265611	0.245897	0.375761
4.75162	4.19767	4.38382	3.76262	3.50142	5.13684
0	0	0	0	0	0
0	0	0	0	0	0
1.1176	0.373418	0.843738	0.702922	0.288794	0.603902
0	0	0	0	0	0
80.2646	91.8981	79.7445	67.0222	106.27	61.3139
107.538	90.3662	93.1293	115.065	119.274	104.485
4.81743	7.76067	9.33264	6.6251	5.01362	6.23774
0	0	0	0	0	0
11.3589	12.4681	12.7286	11.1336	10.0779	11.0701
9.81723	12.9839	7.72028	8.55924	3.75234	5.41539
165.479	216.974	222.814	123.207	123.557	216.229
0	0	0	0	0	0
10.2524	3.30497	10.3121	7.08604	8.32882	9.63026
0.478547	0.293683	0.88477	0.545741	0.47697	0.332467
5.0269	5.42043	5.04595	4.65903	5.82192	4.12356
9.22884	7.61319	9.84517	8.44472	9.62552	8.18495
10.9527	11.285	11.3063	12.0836	10.8309	12.8968
9.31626	7.66218	8.13664	6.87754	8.51399	8.08818
6.60596	4.70754	7.12457	5.06415	8.67932	6.03307
9.28589	10.5459	6.21614	8.59796	8.4397	8.30513
0.191037	0.382982	0.370863	0.499102	0.29619	0.433558
3.54375	4.45701	2.83467	3.50737	3.30155	2.64872
20.3429	16.785	17.9069	20.2106	20.5349	24.3582
2.94866	2.1181	1.2873	1.50144	1.113	0.778928
35.2317	31.3232	32.4547	29.8446	38.1817	37.6991
2.95899	2.13553	1.53182	1.88971	1.59653	2.51349
0	0	0	0	0	0.249781
5.01489	3.9643	2.88022	4.49174	2.73145	3.14299
0.0810169	0.0580066	0.113746	0.0661451	0.113051	0.0738756

51.7782	48.7353	51.1058	49.947	53.4889	44.5615
24.4354	19.7166	22.4755	20.6611	38.9338	8.45012
11.5084	8.06357	8.0987	9.40613	11.0586	9.74586
27.391	65.8384	214.351	305.271	180.151	392.928
4.11331	5.08341	5.3695	5.00231	4.4589	4.90535
0.224459	0.2755	0.153192	0.330617	0.0652515	0.341022
5.80328	3.28169	4.12607	3.46044	3.23798	4.25435
7.25009	5.73681	6.24569	5.9255	6.38338	7.07869
18.1314	17.4756	19.6891	17.674	17.2035	18.4665
0	0	0	0	0	0.0714231
0	0	0.067035	0.0601431	0.12849	0.134344
4.51003	2.69218	3.60866	3.76139	3.39814	3.85263
0	0	0	0	0	0
3.8411	1.04007	0.790574	1.85841	0.86787	0.958107
1.68128	0.832439	0.522118	0.963376	1.07885	0.878972
0.119511	0.0855674	0.19334	0.086731	0.0617643	0.0322891
0.0948866	0.067937	0.0767519	0.0344305	0	0.115363
0.0254658	0.018233	0	0.018481	0.0394829	0.0412817
0	0	0	0	0	0
0	0	0	0	0	0
3.55599	3.41618	3.60456	3.46264	4.74564	4.56052
3.09884	4.12046	2.86467	0.963808	4.11818	2.87053
12.5257	10.9251	10.5567	11.8137	13.6999	12.0536
16.1655	12.2535	15.4153	16.4162	16.5717	18.5634
39.5461	46.6674	43.0083	36.8295	30.1223	29.7468
3.10915	2.63278	3.21621	4.29578	3.33729	2.85931
28.8337	26.1728	30.966	29.4693	26.3024	30.5641
11.2692	11.5452	11.6351	10.7049	10.4407	8.3172
0	0.0333679	0	0	0	0
0	0	0	0	0	0
5.75602	4.297	4.58831	4.75586	4.13409	4.5873
0.594314	0.633007	0.634096	0.800135	0.457107	0.661319
0.540346	0.444192	0.307571	0.653564	0.279256	0.648842
33.8467	46.4804	47.9191	38.79	55.5635	30.5653
0.612474	1.31556	0.330279	0.148161	0.949599	0.330954
0.0534189	0.152988	0.086419	0.155068	0.124234	0.216489
0.850112	0.663165	0.615761	0.552612	0.658983	0.689044
35.2113	36.1642	36.6138	43.3176	39.0056	35.2321
13.423	15.8498	9.69464	12.2678	8.26006	13.6055
0.451185	0.453412	0.336904	0.302267	0.228815	0.460144
24.772	25.7337	29.2184	26.3452	26.4312	27.1973
11.4384	10.9347	11.6995	12.4135	10.3098	11.3784
0.310222	0.222113	0.0557623	0.266826	0.222992	0

1.95E-22	4.41E-32	2.63E-15	0.157723	0.226015	1.17E-28
21.1067	18.5479	21.2325	20.3051	19.3555	17.7667
0	0	0	0	0.0770515	0
712.362	802.686	549.283	1144.25	605.859	725.857
32.697	28.7283	29.0085	31.2431	31.3025	28.484
5.30966	5.32226	5.7265	4.11021	3.84172	3.72984
658.152	755.052	825.208	765.019	758.202	802.492
7.44467	6.36839	7.13399	7.24306	8.59912	8.18903
21.6451	21.8997	19.6405	19.4151	19.3662	16.6105
4.08485	3.22673	3.68198	3.6377	3.73324	3.81802
1.11316	1.25129	1.71979	0.686664	1.98476	0.812028
5.2926	3.83677	3.15729	4.32105	3.33361	3.86085
0	0	0.168037	0	0	0.336762
5.79791	8.95373	5.53663	6.9343	5.54807	5.38173
0.485343	0.393723	0.182988	0.211082	0.200426	0.261946
13.6379	12.2623	13.4254	11.1118	12.372	14.8185
0	0	0	0	0	0
3.0997	1.70541	2.4925	2.33238	1.11234	2.10252
0	0	0	0.0395846	0	0
24.3852	26.9445	25.8886	26.8855	28.8101	26.7968
0	0	0	0	0	0
0.27249	0.130065	0	0.0659171	0	0.294483
6.0072	2.79568	3.06124	3.57482	2.9804	4.52821
18.2508	17.6798	17.1068	16.6341	17.4813	14.5848
0.755192	0.689515	0.684797	0.68424	0.404356	0.801636
3.44952	2.23024	3.4341	2.74006	3.3615	5.07393
19.3566	17.0411	19.7936	19.39	22.2777	17.2887
0.0729671	0.0914254	0.0737771	0.066192	0.0848479	0.0295712
106.847	107.317	97.6692	91.1546	118.004	61.8544
0.396605	0.0454331	0	0.37609	0.393541	0.801891
0.121429	0.0869409	0.0491108	0.0881232	0.0470668	0
753.775	1015.6	1018.92	1043.69	1139.17	941.361
15.8711	13.4851	13.6506	14.7184	15.7449	19.7266
0.282695	0.276899	0.218293	0.21851	0.172899	0.146429
0.718609	0.308706	0.348761	0.312905	0.445662	0.349474
0.570322	0.436793	0.328951	0.443158	0.315765	0.264139
3.50109	2.1745	3.0253	2.74488	2.4852	3.84065
1.1856	0.622477	0.996369	0.785082	0.981177	1.23434
0	0	0	0	0	0
7.25474	5.5484	6.31283	6.32185	6.30567	6.6375
7.54456	5.85264	8.3825	6.89107	7.90669	8.0167
3.35768	1.94935	2.65057	3.35197	2.76736	3.65981
10.7121	10.8886	11.0612	9.54183	9.66936	12.1178

39.6643	41.5784	38.9663	37.3555	36.017	31.9503
0.717839	0.513959	1.35484	1.01296	0.741973	0.969721
4.96305	3.44357	4.6241	5.60653	5.80493	4.85198
31.5888	34.5662	34.9692	39.4171	45.0151	32.9176
0	0	0	0	0	0
4.39891	4.39451	4.31268	4.32056	4.89198	3.36013
0	0	0	0	0	0
1.54649	2.09149	1.80689	2.11993	3.06377	1.39276
0.0643686	0.0921734	0.0520665	0.0467135	0.0997991	0.0521729
0.472653	0.166006	0.462396	0.217971	0.191708	0.265704
0.960136	1.00635	1.20899	0.91229	1.12798	1.29169
0.383624	0.137334	0.155153	0.139201	0.0743478	0.15547
0.594973	0.730268	0.378134	0.370099	0.395342	0.792261
0.0094581	0	0.00765047	0.0205918	0.0146641	0.0153322
0.651754	0.515429	0.402269	0.199542	1.75851	0.142632
10.1219	8.83439	7.53248	8.90186	8.47568	7.48593
1.87652	1.61393	1.92457	1.05189	1.98757	2.64654
7.18157	6.42068	10.0529	7.8852	6.85092	7.46463
11.9069	8.34748	9.74587	10.9299	8.35129	9.07645
0	0	0	0	0	0
0	0	0	0	0	0
56.0402	58.468	45.5954	54.3297	41.214	49.9079
1.39167	1.05568	1.19265	1.17827	1.59254	1.1011
0.173041	0.123894	0	0.251158	0	0
16.6385	20.444	19.1316	15.6584	19.3893	18.8805
22.0342	20.6689	25.8821	24.7507	22.9731	23.9161
0.535612	0.381495	0.864918	0.614416	0.757071	0.962746
0	0	0	0	0	0
5.96303	5.30143	6.397	6.56916	5.02876	5.27387
26.966	27.3782	28.42	25.7906	26.8414	26.3763
3.92066	3.60562	3.04114	2.97045	2.7274	3.22442
0.270459	7.73E-07	1.69E-11	1.65E-06	0.564325	0.194623
20.9102	16.8493	18.0385	19.6353	15.0396	18.8797
9.74141	8.29265	10.7449	9.06978	10.9534	11.0169
0	0	0	0	0	0
0	0	0.120965	0	0	0
0.193612	0.0924152	0.156609	0.187344	0.0500305	0.209239
113.835	153.449	156.272	114.975	105.418	98.3313
106.978	113.012	61.833	87.6173	69.417	79.4686
0	0	0	0	0	0
10.3771	50.1275	31.2111	14.6208	10.0556	11.8046
8.71647	11.7378	9.90402	10.0605	7.88626	7.75856
2.78959	1.97766	2.09899	2.18051	1.99347	1.86424



0	0	0.0477744	0	0	0
2.15265	1.39724	2.69126	1.7816	1.99623	2.20131
8.92412	6.58395	7.89299	7.80418	8.22196	9.26851
0	0	0	0.0119572	0	0
2.74443	2.43262	2.12218	5.60239	5.60825	4.87007
0	0	0	0	0	0
11.4809	10.6477	10.6132	12.1088	12.2621	10.8139
12.8574	12.7299	12.0063	11.9028	10.9969	10.456
6.77132	4.77759	5.28062	6.14969	6.28631	7.31175
10.7103	13.6081	13.1166	12.7947	16.5464	8.49764
23.9883	20.2925	23.7332	26.2667	22.2985	21.231
0	0.145257	0.650509	0.278518	0.157084	0.319989
6.16286	8.94963	5.82993	4.97787	3.23901	4.20501
0.0981569	0.0702784	0.0264657	0.0237447	0	0.0265198
0	0	0	0	0	0
0.202478	0	0.16378	0	0	0
23.0475	26.0856	28.2008	25.7009	19.2558	24.4331
3.64772	3.78697	4.05703	3.47448	2.89847	2.88269
11.8955	9.67675	11.4929	11.5152	10.9199	11.3937
0	0.063016	0	0.127746	0	0
0.145821	0.113699	0.181182	0.153074	0.204053	0.149814
2.24401	2.73106	3.4485	3.02883	2.95701	2.90997
0	0.0662559	0	0	0	0
0	0	0	0	0	0
67.9894	57.901	55.8805	66.8267	48.7977	48.8627
58.4154	37.4018	24.4562	38.8969	26.0491	21.2134
0	0	0	0	0.171555	0
6.09236	4.71501	5.12624	5.34112	4.88099	4.30813
23.9807	16.5297	17.9585	20.555	19.2765	17.9285
1.31203	1.37601	2.46634	2.03844	2.34937	2.09694
0.606235	0.424477	0.319009	0.519008	0.315873	0.638631
0	0	0	0	0	0
0.030897	0.110608	0.199936	0.0896901	0.0958074	0.150258
0	0	0	0	0	0
0.396427	0.0886982	0.240496	0.251732	0.326524	0.0803293
1340.64	1213.6	1277.95	1424.21	1471.1	1340.05
0.0514937	0.0368685	0.0312392	0.0373699	0.0299391	0.0521718
10.1283	8.03176	9.8246	8.84381	9.18632	8.98342
0.45691	0.206614	0.359859	0.296684	0.335561	0.282628
0	0.113327	0.0640157	0.0574341	0.122703	0.128293
0.0590624	0.0422875	0.0477744	0.0428626	0	0.0478721
5.27205	4.54308	4.74835	4.62233	6.34618	4.33423
9.16749	10.3089	9.48736	8.68805	8.40277	10.7525

3.6692	4.89406	3.52158	6.28707	5.18924	4.8117
3.06912	3.54653	1.85881	3.635	4.06211	5.98369
0	0	0	0	0	0
0	0	0	0	0	0
17.9058	19.8655	20.2134	17.14	16.227	18.2128
2.40331	1.22116	1.74332	1.8679	2.01934	1.87256
75.1041	70.9111	83.8286	78.7429	85.5642	55.213
45.0095	41.8218	47.565	46.7161	48.3578	43.8112
11.2324	15.0027	13.9385	14.3009	13.2904	14.1621
5.03327	3.24533	4.34313	4.32211	4.30414	4.46956
3.14966	2.20265	2.11321	2.4984	1.74134	2.33522
20.616	18.6737	22.3885	19.9698	21.1274	20.2966
11.5147	10.3437	10.1622	11.3659	9.73471	8.40602
0.483403	0.0557693	0	0.302052	0.148213	0.0344368
0.0815285	0.201062	0.0439645	0.0525926	0.091292	0.0660816
3.09713	2.12302	2.41534	2.10743	1.6024	2.17227
0.0873607	0	0.0353322	0	0	0.0354044
171.94	202.127	183.552	192.352	206.216	140.445
3.68562	2.3437	3.09891	4.01208	4.4737	3.73415
0.0366327	0.132083	0.27092	0.269177	0.113594	0.359279
30.5113	25.0611	28.1085	27.1277	30.015	25.8396
0	0	0.0359707	0.0322725	0	0
0	0.143787	0.162443	0	0	0
8.87104	11.2589	15.9826	14.0169	10.3883	14.5745
19.6385	17.878	19.3352	20.0069	19.341	20.4403
0.0335673	0.0961341	0.135759	0.0243604	0.0260219	0.10883
1.89576	1.28463	1.21594	1.19683	1.14361	1.53526
49.8968	55.9844	48.7389	56.9289	55.5237	52.3709
23.4121	27.2835	21.9195	22.6634	22.683	20.5407
0	0	0	0	0	0
17.5409	20.4509	17.4085	16.4163	16.9685	17.8665
30.4006	41.1598	39.7136	31.5592	32.075	31.1528
0	0	0	0	0	0
17.791	11.8751	11.6992	13.0063	13.5684	13.9742
21.5811	24.2332	10.679	10.3612	9.80724	6.76902
18.108	25.1341	17.644	17.1072	20.2247	9.23419
1.82174	1.45233	1.67104	1.47208	1.54337	2.16164
1.72232	1.73952	1.83284	1.74363	1.25542	1.92434
0	0	0	0	0	0
0	0	0	0	0	0
1.63646	1.60038	1.45576	1.58264	1.47956	1.0149
31.5284	26.0563	29.1855	29.2161	31.1091	30.5689
211.461	209.582	186.952	200.043	213.063	196.218

47.1974	47.4108	54.0041	47.9372	46.5767	42.3791
7.67451	7.45519	6.69274	6.28022	5.76348	7.0628
10.0626	8.35826	9.24603	9.46473	8.93191	10.0041
0.0286092	0	0	0	0	0.0231887
0	0	0	0	0	0
3.44905	2.01939	1.69403	2.08589	1.57928	1.4902
0	0	0.0188075	0	0	0
12.0957	9.32369	8.26395	10.9474	6.92634	8.79991
0	0	0	0	0	0
0	0	0.218115	0	0.0341444	0
5.03139	4.34779	5.00754	7.05739	5.36668	6.89209
2.49538	1.93628	2.3913	2.25156	2.24301	2.92305
1.71845	2.37044	0.766346	0.662671	0.751781	1.25449
0.321742	0.105818	0.0354216	0.191341	0.297393	0.217401
1.69057	1.44577	2.58299	1.39728	3.96807	1.06576
9.22419	6.63995	7.36749	8.40846	4.41208	6.23228
0.970509	0.810677	0.850444	0.821702	0.689658	1.11439
2.95863	3.38001	3.22295	2.02028	1.89991	2.94075
11.7325	11.288	16.1265	16.215	9.42646	11.5939
0.294263	0.550598	0.579257	1.06483	1.84797	0.404617
2.11484	1.74131	2.34359	2.21008	2.67231	2.15982
8.57386	9.50094	7.77127	8.95001	5.39154	6.72486
2.2301	2.4288	3.20126	3.0317	2.58104	3.66606
15.7947	15.0668	15.6065	16.0522	14.397	14.2463
0	0	0	0	0	0
109.472	103.957	86.6895	115.625	98.272	85.3812
0	0	0	0	0	0
0	0	0	0.0313104	0	0
37.2405	26.0027	28.655	32.1263	35.6427	21.2434
0.907617	0.959283	0.524395	0.564578	0.904627	0.735654
14.107	13.1791	15.1636	17.0264	14.825	16.8762
12.1864	11.7263	12.6932	11.8294	13.0274	12.111
0	0	0	0	0	0
9.15927	9.28372	10.9346	9.77036	9.79514	8.13951
0.247921	0.157783	0.237675	0.159929	0.170837	0.200948
0.496315	0.710704	0.841153	0.806128	0.531323	0.40228
0.0510091	0.073043	0.103151	0.0555273	0.079086	0.124034
19.04	14.359	20.9217	15.5449	17.799	17.617
12.1368	11.976	11.3395	11.3143	10.4481	11.0173
3.86751	3.73502	5.18967	4.98248	3.85809	4.93298
30.3512	29.8221	30.7598	32.0168	29.5097	32.0295
0	0	0	0	0	0
19.6066	15.5209	42.7757	4.10834	18.8386	8.39357

12.5158	8.82773	7.32654	11.1485	12.8163	7.37387
26.6555	20.8573	18.5535	36.8842	22.105	26.6284
8.34657	9.33935	9.90653	8.12707	7.02313	6.5272
52.0353	47.0834	52.2338	50.3216	53.1049	44.8233
0	0	0	0	328.192	0
29.4072	23.2991	26.7679	26.7374	31.4896	23.9533
2.53613	1.15434	1.94153	1.38696	1.63603	1.38754
10.1649	7.49888	9.29285	8.30885	7.87083	8.31058
16.9839	17.0331	17.5386	17.1401	17.934	19.9531
5.75882	3.4926	4.95961	3.61385	2.88868	4.50298
11.2084	11.3801	11.1024	10.9318	10.6602	10.651
0	0	0	0	0	0
0.178617	0	0	0	0	0
1.09572	0.695922	0.4191	0.591014	0.401658	0.45135
0.369179	0.528651	0.238897	0.589424	0.286193	0.418925
0.129889	0.0557988	0	0.0678691	0	0.0962553
0	0	0	0	0	0
0	0	0	0.0318315	0	0
7.78341	6.90358	7.64271	8.17777	7.77492	7.48571
4.04765	2.60277	2.22389	2.83769	2.36815	2.94649
3.46221	4.8052	3.61912	2.93779	4.54208	2.5472
6.16091	3.2403	8.30572	6.76182	7.34094	2.43526
20.8603	23.0794	21.6667	23.3056	21.8436	21.6566
64.6018	72.7592	36.6684	49.186	41.0823	39.5128
0	0	0	0	0	0
0	0	0	0	0.0158097	0.01653
51.866	49.3259	51.4675	55.7539	59.0226	47.4698
34.5715	34.3465	35.6934	36.1093	29.7802	36.8796
6.42876	4.39156	5.27918	4.62511	3.67886	5.01001
0.154996	0.0277433	0	0.0281206	0.0300385	0.031407
11.8868	7.9939	10.6427	11.0608	10.0692	12.4471
9.86355	6.65489	8.03896	8.25524	7.3331	7.37603
0.0541639	0	0	0	0.0839774	0
0.325871	0.750238	0.147639	0.606733	0.428329	0.459846
0	0	0	0	0	0
7.71E-17	3.17E-19	2.48E-20	8.52E-25	9.08E-14	0.27105
0.127734	0.0914555	0.154983	0.0926992	0.0990218	0.103533
45.0224	45.2867	46.4889	41.8578	46.001	35.6426
25.4435	30.2091	27.2076	26.3936	24.968	23.3146
9.07298	6.69714	6.94821	8.00652	4.54578	7.0565
19.0415	23.6124	16.8699	18.4677	8.25229	14.3254
0.00456157	0.0058788	0	0	0.00437816	0
97.512	130.408	107.351	109.947	110.744	118.902

3.69496	3.55034	3.13159	3.34533	3.23139	2.78354
7.29053	6.34566	6.48607	5.81981	5.53821	7.94726
0	0	0	0	0	0
17.7383	14.9352	15.5399	16.2319	14.734	17.5029
0	0	0	0	0	0
34.0337	30.73	23.6487	27.7393	20.8225	22.6588
6.097	5.5425	6.45559	7.23364	6.45245	7.94023
0	0	0	0	0	0
0.199408	0.0951816	0.215063	0.048238	0.103056	0.107751
0	0	0	0	0	0
16.7198	18.7147	18.8211	18.4001	21.5542	16.4072
11.0988	12.9704	10.0095	10.0914	10.0874	12.822
15.4342	14.6165	15.9606	16.3198	13.4219	14.6277
0.0833399	0.0397798	0.157294	0.0403208	0.150748	0.1351
7.03E-07	7.63E-06	0.0302854	1.66E-07	2.28E-05	0.653059
110.249	152.502	110.92	78.082	65.0542	121.913
0	0	0	0	0	0
10.8581	7.14388	4.0354	6.17617	7.7349	2.14076
9.27182	6.4995	4.51732	5.99326	6.03429	5.99462
8.9283	9.38079	1.12545	3.95481	4.58408	3.38324
2.54419	1.73022	3.3147	2.43489	3.31296	2.94601
0.241894	0.577305	0.945706	0.702188	1.68768	0.326772
0	0	0	0	0	0
5.36171	3.3275	4.47152	4.72895	3.60279	5.15474
0.0346387	0	0	0	0	0
0	0	0	0	0	0
16.2915	14.9914	14.4912	13.3399	13.6711	14.1275
0.722812	0.50276	0.501307	0.614334	0.448496	0.569155
19.014	15.2109	12.9269	17.7685	11.7243	14.0023
2.77E-09	0.597234	0.660319	0.206925	2.41E-10	0.907115
92.708	108.863	93.0972	104.72	100.896	87.5756
7.19934	4.97789	6.83756	5.98865	6.02699	7.00246
5.89563	6.73434	7.74595	6.2571	5.44219	8.42472
1.17256	0.734591	0.948462	0.744581	0.605992	0.910801
9.48944	10.5558	9.93341	9.67468	8.75636	10.1666
0	0	0	0	0	0
0.0744492	0.0533042	0.0903307	0	0.0288571	0.0301718
0.210553	0.150752	0.0567707	0.101868	0.170025	0.127995
3.088	5.18482	3.98525	5.53509	3.48469	3.94834
31.65	29.751	31.9907	30.4258	30.5942	31.7716
4.53259	6.85732	3.31105	4.12389	3.72591	2.39218
4.62251	3.54234	3.8559	3.72156	4.11541	4.44921
0.227446	0.265429	0.306883	0.244609	0.183873	0.162682

0	0	0	0	0	0
0.0267916	0	0.0650135	0.0194431	0.0415385	0.173724
1.35E-08	6.97E-08	1.90E-06	1.58E-08	3.37E-08	3.90E-08
7.98009	5.71359	7.62856	7.79193	6.57996	8.08517
2.34486	2.33177	1.12398	2.96223	0.976211	0.950294
13.5259	16.6017	18.0745	13.915	13.1357	16.3445
0	0	0	0	0	0
0.0416349	0.134194	0	0	0.0476549	0.134986
15.8138	15.817	19.6084	18.1972	19.3939	18.8383
58.7329	42.0516	47.5078	85.247	45.5306	47.605
0	0	0	0	0	0
0.0128779	0.0276611	0.0104167	0.0186915	0.0199663	0.041752
21.1835	19.7065	25.0066	23.0777	22.0608	20.596
0.191945	0	0.613294	0	0.318515	0.155578
13.8209	9.39529	7.02708	9.06013	4.9921	10.4391
56.8441	51.7407	52.1365	57.4312	58.7116	48.0711
3.45557	2.87616	2.20117	3.69896	1.74123	3.36102
0.932293	0	0.251371	0.225527	0.240909	0
579.48	535.892	860.418	1258.79	963.185	1397.04
10.4198	11.0292	12.194	14.7169	12.0456	11.7053
19.4579	18.9382	25.636	19.3006	15.1779	19.8039
0.0284548	0	0	0	0	0
4.97434	4.55777	4.86777	4.82171	4.63821	6.37205
0	0	0	0	0	0
29.0773	30.1413	28.2668	29.0212	32.0785	29.7291
30.2041	24.3907	19.4509	18.9053	17.6528	21.1444
16.6951	22.0541	20.3976	26.9737	19.6187	12.7834
0.0206109	0.059028	0.10003	0.104704	0.0479336	0.100235
10.2498	16.4867	12.5569	13.6809	11.3651	15.8268
0.0167645	0.00400102	10.4524	0	0	0.00905879
10.3263	7.50928	8.14308	8.70463	11.1203	11.6109
13.5497	12.7699	14.8069	14.0703	15.6287	15.1371
91.3058	65.6578	71.3421	76.2958	57.0903	74.0417
3.10271	2.35064	2.36381	1.80659	2.15356	2.25167
0.57666	0.412877	1.235	1.71856	0.839578	1.43436
3.16313	2.51794	2.7574	2.86335	2.00569	3.23571
1.75499	1.7053	1.80489	1.96503	1.28275	1.52408
10.436	9.3552	8.06899	9.2977	8.62577	10.7086
7.69312	4.60294	4.09052	6.8519	6.65196	9.78934
0	0	0.192888	0.173057	0	0
0	0	0	0	0	0
1.44284	1.03304	1.63392	2.09419	2.01332	1.9881
1.1791	2.10715	1.03128	2.63341	0.91233	2.98106

15.6238	16.1547	14.2562	15.88	12.8709	13.1467
13.6848	14.672	12.4836	12.9428	15.3256	14.6633
3.1343	2.83246	3.23146	3.52032	2.75872	3.19293
0.15264	0	0	0.110774	0.236658	0
0	0	0	0	0	0
15.6726	16.3644	18.6763	17.1624	10.4682	13.5255
0	0	0	0.033234	0	0
38.6861	44.938	45.9372	42.6818	31.3096	36.3734
0.0506071	0.0298928	0.0231765	0.066371	0.121763	0
1.57765	2.17829	1.43532	1.99408	1.04105	1.40177
14.0746	15.252	16.5639	13.7117	14.5902	14.0378
53.2576	19.0657	64.6185	19.325	20.6431	0
0.190247	0.0741259	7.79E-20	0.0499464	0.0775651	4.54E-28
44.7597	43.8982	36.6806	39.9462	42.367	31.278
0.746222	0.320568	0.241442	1.29971	0.231393	0.604838
0	0	0.00596997	0	0	0
4.02083	2.95359	4.26578	4.28185	3.64309	4.61301
0.728318	0.272067	0.12807	1.6546	0.417315	0.821323
9.7017	8.71142	9.46286	10.0645	9.06903	9.54215
3.14197	1.61194	2.32132	1.22114	1.80946	1.57791
0.0124175	0	0	0	0.0192525	0
21.7934	21.5996	20.2021	22.3767	20.3366	19.7636
34.7087	33.9068	34.8581	36.0086	32.1586	31.8321
12.1761	9.46744	11.6151	11.024	11.4263	11.4523
19.4587	17.4912	19.2225	18.8019	22.1185	19.816
3.51335	4.34455	5.35303	3.99258	4.6971	4.91759
1.3045	0.941784	0.861736	0.938813	1.28094	1.25119
0	0	0	0	0	0
0	0	0	0	0	0
0.521807	0.303594	0.547236	0.219603	0.406171	0.475873
4.2091	5.7558	3.95325	3.44548	7.11343	4.9961
5.52588	7.0672	7.1994	7.04086	7.03058	6.87222
11.4303	11.6781	10.7784	10.9924	12.1084	13.8309
21.9738	22.5	26.8266	19.3016	29.3389	27.6371
0.0723873	0	0.0195175	0.0175109	0.112232	0.0391149
1.47411	2.03171	1.252	1.84539	1.39987	1.52339
0.0273476	0.0783214	0.176967	0.11908	0.169602	0.132997
0	0	0	0	0	0
811.457	1198.16	554.183	874.744	1038.73	1096.76
1.35925	1.42595	1.95031	1.40438	1.15767	2.00941
0	0	0.0526049	0	0	0.0263562
0	0	0.27482	0	0	0
1.06817	1.40284	1.62084	1.47755	0.692602	1.26681

11.314	13.6521	10.1906	11.1621	5.42715	8.07079
7.37872	10.1509	7.311	7.24141	10.9906	9.41677
0	0.00425938	0	0	0.0207534	0.00482188
5.50438	5.5537	6.5269	5.19797	5.84345	5.42635
0.171573	0	0.0346955	0.0622569	0.365767	4.48487
0	0	0	0	0	0
5.66874	4.29571	5.46669	5.40513	5.62409	5.64556
7.61258	4.93707	7.62314	6.79849	7.25656	6.62024
0.314741	0.225348	0.509175	0.456826	0	0.255108
0.23456	0.33738	0.711491	0.89421	0.68188	0.903064
0	0	0.122454	0	0	0
27.6075	22.18	27.3346	28.4506	33.8927	27.1992
17.8566	19.7395	14.9419	16.1663	18.8177	17.9282
0.468202	0.419029	0.189359	0.679565	0.0907393	0.189747
0.0950088	0.476171	0.614806	0.827395	0.552392	0.539055
0	0	0	0	0	0
0.123951	0.0221867	0.0501309	0.0674653	0.0240223	0.0753501
12.2604	11.3704	12.6067	12.1948	10.1592	11.7515
1.07043	0.851566	1.92411	1.55366	1.56743	1.73524
0.159865	0.171691	0.129312	0.174026	0.24786	0.129576
18.1986	17.0035	17.1787	17.6605	17.0641	19.0873
11.8858	9.65166	12.7061	11.3177	12.1509	10.9813
8.46748	8.00529	8.70341	7.91045	9.21153	5.61194
5.51755	4.46575	6.37115	4.97621	6.27646	6.17352
17.7257	25.9521	13.6586	14.4357	14.358	15.8362
55.919	45.2709	51.2073	48.0844	63.0811	52.4179
39.2364	38.5154	35.5813	35.5459	23.351	35.0743
9.88593	11.6095	12.0322	10.8957	9.9915	9.77272
1.27006	1.68877	1.24747	1.25088	1.54718	2.05885
0.458069	0.274941	0.332399	0.327543	0.208974	0.447689
0.0459556	0.0342743	0.0387214	0.0347404	0.00593758	0.0124162
69.8306	72.1746	93.0453	62.7434	73.4673	85.9483
8.4434	7.63848	8.57339	7.69454	7.65246	8.58104
24.2287	22.916	22.2765	24.5202	22.45	20.9788
23.9524	22.7091	24.641	24.5352	25.3751	23.481
3.35746	2.36572	2.34936	3.1714	2.62341	2.54855
7.04788	7.06307	7.38331	6.89011	5.34907	8.07513
15.0524	11.6844	14.3744	16.1797	19.3696	17.0867
0	0	0	0	0	0
21.7835	15.9332	17.747	18.9022	21.6493	15.9288
0.288884	0.178567	0.123086	0.149083	0.263048	0.154705
61.5602	59.0634	62.4622	61.9819	48.3135	56.7429
0.0245182	0.244671	0.123952	0.12653	0.232834	0.172507



0.856216	1.16394	0.045936	0.755971	0.353441	0.310888
30.4276	30.7121	27.914	32.0282	29.726	32.8376
10.7554	10.7947	15.4578	14.101	16.9734	15.2559
10.5753	12.2378	10.7048	11.0115	9.28296	14.7452
1.28984	0.835548	0.69555	1.12921	0.825317	0.846323
1.06393	1.01647	1.76137	2.69714	0.209343	1.06745
4.76246	3.31698	5.05362	3.7366	3.497	4.4184
1.06907	1.20068	0.932572	0.973607	0.487505	1.05341
189.032	353.607	280.171	282.475	254.222	413.38
4.30882	2.97069	3.9065	3.84694	4.24033	4.27128
22.733	17.6089	22.4162	24.6887	24.7041	26.3592
0.0652355	0.0233537	0.0263838	0.0473425	0	0.0264378
1.23E-31	1.21E-52	1.84E-85	4.53E-14	3.14E-40	2.88E-107
26.3794	32.4446	28.8763	24.2596	22.1335	22.2296
3.24148	3.39197	2.96301	3.4149	1.75335	1.59349
0	0	0	0	0	0.0352583
1.57543	1.68988	1.48661	1.39856	1.0907	1.13625
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.694259
5.67961	5.01594	6.21319	5.50178	7.19596	4.92799
5.36596	5.08649	4.28628	5.91017	8.42758	7.32851
2.53716	2.35221	2.52585	2.57304	2.15596	2.67602
0.124975	0.119307	0.134787	0.0604645	0	0.0337656
24.4377	20.428	29.3474	29.3238	25.5823	24.4682
0	0	0	0.0834881	0.0891824	0
0.282518	0	0.195877	0.0878695	0.12515	0.032713
0.0398154	0.114028	0.0644117	0.115579	0.0925965	0.0645434
0	0	0	0.682024	0	0
15.9718	14.7859	18.8784	14.9589	15.6194	18.5409
0	0	0	0	0	0
0	0	0	0	0	0
0.123103	0.264419	0.199152	0.0893384	0.0954317	0.199559
7.54652	6.11766	7.52809	6.12626	6.08591	6.72769
18.548	15.5125	16.837	17.1493	14.2758	18.3611
13.7221	11.3502	13.0691	14.9836	11.2864	14.3499
0.513995	0.679404	0.447742	0.516483	0.55171	0.192282
9.79872	7.84432	6.80262	4.87139	9.9886	6.12862
1.88948	1.34033	1.51421	1.4347	0.963053	1.38971
1.06944	0.492137	0.953921	0.864608	0.709516	0.854665
3.51508	2.35436	2.59869	2.77039	3.22305	4.10514
40.343	34.3667	39.1507	41.6444	45.1528	45.6465

0.376743	0.182978	0.511417	0.439262	0.427513	0.54511
31.4238	29.8935	36.2926	30.077	31.763	34.4292
7.77511	6.43352	7.5155	7.6456	6.76751	6.34137
0	0	0	0	0	0
4.88632	2.92559	3.3465	3.26191	2.27013	2.47016
0	0	0	0	0	0
28.3166	24.6303	25.5615	27.0205	27.5934	27.3632
0	0	0.0618746	0	0	0
0	0	0	0	0	0
1.31311	0.974211	1.52465	1.5009	0.670934	1.19035
0.074562	0.0266925	0.0603117	0.054111	0.0578016	0.151088
10.5355	10.8608	11.8482	12.975	13.2828	12.6937
53.1336	55.3748	51.0083	52.9667	53.5168	47.9516
1.14929	1.17706	1.72359	1.50691	1.41633	1.4398
68.2582	70.1644	71.7261	78.4791	73.8151	88.2009
18.1155	18.7504	22.0227	21.2196	19.3023	19.2691
28.3811	25.2823	23.0904	24.9076	28.4612	25.8125
7.97678	7.75924	6.88699	7.59665	4.57715	6.54452
4.74767	3.85248	4.94972	4.59396	3.76226	4.61778
13.2562	15.4681	13.0985	13.7432	12.4934	10.0867
6.57363	5.74631	7.3273	7.17044	7.85261	7.05613
28.654	35.1607	41.4113	33.4814	31.5692	28.1161
15.6912	14.4061	15.1799	18.0533	15.2845	15.0398
0.501461	0.199465	0.0450691	0.080871	0.0863867	0.225806
56.994	75.1661	61.5107	69.682	48.3957	55.4983
0	0	0	0	0	0
0	0	0	0	0	0
69.2507	68.1347	57.3678	58.602	70.2765	56.2943
47.7	102.457	115.751	34.6167	147.911	115.987
0	0	0	0	0	0
39.2182	29.006	33.7099	35.513	46.0459	25.5297
29.6858	35.1154	36.533	39.1962	32.7	33.8854
13.879	14.9727	14.6701	14.0476	12.8098	15.151
13.6697	14.6348	15.9346	17.5644	14.5219	15.3549
0	0	0	0	0	0
0	0.0437584	0.173417	0	0.219742	0
1.95117	2.04326	1.50987	1.12339	1.136	1.38114
0	0	0	0	0	0
3.87331	4.3719	5.01287	5.22503	4.83957	4.87538
11.2622	10.5294	11.3394	10.813	10.7028	9.89056
5.55376	6.54934	6.1156	4.91107	3.78076	5.4472
21.062	18.8014	20.8234	20.5173	18.1088	19.1809
0.431243	0.289293	1.87E-51	0.152509	0.305033	0.388634

63.8793	51.1621	60.529	51.1568	88.66	33.8308
0.433501	0.465567	1.05195	1.1011	0.840141	0.702734
9.09778	7.78318	8.24434	9.48767	8.05217	8.16799
9.96	5.9797	7.29783	8.44149	5.93821	7.12731
0	0	0	0	0	0
1.45639	1.30343	1.39893	1.55236	0.635072	1.84446
0.389435	0.402752	0.350007	0.439631	0.737968	0.561156
0.202826	0.0726098	0.235839	0.128795	0.196542	0.133573
5.02628	3.72724	5.18921	4.47872	4.65	5.87676
0.726273	1.13629	0.587468	0.702759	0.708986	0.915707
5.91653	5.7998	2.98709	6.22447	3.44764	2.57479
0	0.246358	0	0.249709	0	0
13.7881	8.5666	12.0285	8.2076	17.8661	6.99637
0	0	0	0	0	0
15.3699	14.403	4.09537	18.0107	16.0852	21.2515
0	0	0	0	0	0
0	0	0	0	0	0
11.3806	13.4381	11.1608	11.2401	8.1718	9.95632
0	0	0	0	0	0
0.764481	0.358734	0.405279	0.202598	0.754486	1.0188
0.695038	0.746895	0.643186	0.648516	0.577978	0.684699
5.50587	5.06432	5.89438	5.58581	5.53908	5.28551
0	0.0368543	0.166459	0.0373371	0.0398504	0.0417147
7.97271	6.78356	9.39655	8.23815	9.67319	8.03741
0.355404	0.107321	0.15807	0.150093	0.169174	0.315887
804.591	436.644	1880.38	2573.81	1031.68	2069.07
0	0.0712343	0	0	0	0.0508423
57.284	51.5735	44.2012	59.119	52.8016	47.7833
14.0561	15.2168	14.0297	15.2077	10.3961	14.2626
14.8582	11.5844	14.2047	15.2511	12.5888	14.1204
26.6754	21.587	22.8909	25.1505	25.476	21.7008
0	0.34335	0.387899	0	0	0
0.777172	0.817627	1.00229	0.854557	0.910032	0.800856
16.6119	13.6147	17.3518	17.0866	15.5142	17.9306
0.509565	0	0.549569	0.369801	0.263348	0.275346
18.4607	19.4115	21.2478	21.1378	20.9494	19.1572
0	0	0	0	0	0
1.38396	0.62546	0.751564	1.09778	1.49407	1.05022
152.459	177.733	180.967	121.873	105.778	206.815
0.220845	0.0849301	0.179078	0.123193	0.105693	0.0962232
0	0	0	0	0	0
0	0	0	0	0	0
0.322879	0.316666	0.119582	0.320878	0.112975	0.144091

29.8667	33.4149	31.6029	31.7491	25.3784	31.3299
0.465637	0.759662	0.511475	0.724222	0.361002	0.670438
0	0	23.9361	0	22.9399	0
0	0	0	0	0	0
0	0	0	0	0	0
3.529	3.84162	4.07239	4.52697	4.33052	4.24987
0.0538766	0.0964365	0.174319	0.0586488	0.104415	0.131006
0.649956	0.564493	0.866604	0.685697	0.06998	0.234382
15.6327	14.9861	16.7189	16.8513	17.5443	14.6325
0.409557	0.488725	0.676369	0.668752	0.754051	0.705415
5.35881	8.00078	7.68363	8.50153	6.63389	10.9654
0	0	0	0	0.0297422	0.0155486
9.46707	5.58692	5.70021	7.71367	8.09564	8.07077
17.6203	24.9336	13.8146	20.0243	7.96374	13.2682
74.9725	91.865	68.5118	93.2041	61.315	116.792
0	0	0	0	0	0
15.1958	11.2231	16.4017	14.8894	16.0164	13.832
0.136992	0.156934	0.0664859	0.0198835	0.0637189	0
16.89	16.8951	10.5501	14.1624	9.44192	13.8141
0.0519157	0.111512	0.0419936	0	0	0.0420795
0	0	0	0	0	0
17.3631	14.722	16.1438	16.9177	15.414	16.0035
1.02374	0.832356	0.763285	0.725497	0.750455	0.493211
1.57519	1.78193	1.45252	1.85189	1.70955	0.94479
29.9348	35.5896	30.7739	32.6612	25.806	30.215
12.166	10.5742	4.56767	3.92862	7.93979	6.51281
0	0	0	0	0	0
24.5671	24.5186	25.3979	28.5493	25.0571	29.9448
0.289449	0.31086	0.117065	0.595164	0.0934938	0.195507
6.50698	3.83119	4.43454	5.45313	5.44487	5.28832
5.54339	6.41517	5.048	6.22424	6.74978	3.7072
54.9682	58.7611	19.5692	21.2382	59.9964	49.6799
0	0	0.040658	0.0437735	0	0
9.12035	8.75339	9.93876	9.12148	7.34399	8.76558
3.68472	5.09852	2.94701	2.55388	2.43922	2.44967
0.359551	0.322451	0.363772	0.31163	0.237785	0.327097
0.249762	0	0	0	0	0
5.42194	2.89871	2.94178	7.28707	1.57606	2.00241
0.0683693	0	0.0554468	0.0247993	0.0533786	0.0553466
5.60046	5.60371	6.38855	5.83276	4.86039	7.45348
0.0572406	0.0409832	0.0463008	0.0207703	0.0443738	0
0	25.0565	28.3076	25.3972	81.3884	28.3654
7.71945	7.30312	6.13194	7.40244	7.68037	6.43172

0.542357	0.508923	0.303694	0.576087	0.421143	0.609339
23.0133	18.2257	16.8129	19.7683	14.1872	20.7137
0	0.0558832	0.0210447	0.18881	0	0
0.174671	0.041687	0.0941918	0.0422539	0	0
30.27	29.8658	30.4056	31.2694	26.6251	28.9392
139.1	88.6902	76.6835	91.8601	55.6631	68.7927
0.610741	0.378975	0.230541	0.384129	0.284074	0.396021
2.98044	3.76844	5.1294	4.34893	4.05563	3.93201
3.03124	2.55985	2.57765	1.9178	2.59088	3.2129
0.487829	0.481144	0.627258	0.354029	0.404693	0.335342
8.60568	11.1272	9.64257	8.26933	10.8772	8.74684
15.1406	14.1546	16.7323	16.4117	16.7835	19.424
0.0952868	0	0.154151	0	0	0
8.041	6.93706	7.58184	7.14757	6.33844	8.03307
150.297	157.545	115.76	135.942	132.272	38.9296
10.3882	10.668	13.2789	10.2078	13.0789	10.0794
19.6672	20.4359	21.9291	20.5675	21.5794	24.4427
1.70188	1.79731	1.23896	1.85263	1.12143	1.24149
28.4087	20.1978	22.8185	21.3375	21.2528	22.8652
7.2053	5.74072	7.5622	6.14386	6.92503	6.49366
0	0	0	0	0	0
6.09651	5.46524	5.70777	5.07429	3.10795	4.43876
0	0	0	0	0	0.204517
0	0	0	0.118363	0	0
0.0540344	0.0193438	0.0218536	0.0588206	0.0837765	0
0	0	0	0	0	0
0	0.137692	0	0.0697821	0	0
24.4147	21.5117	33.0336	28.9415	27.6181	22.8978
0.106683	0	0	0	0	0
0	0	0	0	0	0
0.198995	0.128229	0.0482888	0.0866484	0.0154264	0.145163
0.635039	0.606234	0.228298	0.204826	0.218796	2.294
8.96752	6.07939	6.93827	6.50789	8.59735	8.18143
164.226	155.577	163.288	144.368	180.432	95.5422
0	0	0.0471703	0.0423207	0.0904144	0.0472668
0.0632319	0.0679093	21.226	0.204161	0.122692	0.136813
18.2728	13.8931	11.9434	11.2903	16.095	10.6839
0.454057	0.188216	0.254744	0.128116	0.271081	0.157025
1.98061	2.2337	2.32606	2.55935	2.56569	5.21098
0.586502	0.390627	0.386148	0.415737	0.38065	0.364826
0.873187	0.715792	0.757485	0.982675	0.941785	0.728262
0.0407438	0.0729295	0.0659137	0.0739213	0.0315852	0.0825606
6.50073	7.18026	4.50483	6.83203	5.05483	5.6546

13.3768	12.281	14.0813	12.5663	11.9463	11.5423
0.657091	0.806511	1.11363	0.840187	0.63067	0.481871
53.9103	76.0479	18.874	0.662009	1.15677	8.26076
4.90515	3.79916	4.19565	3.93736	3.80255	3.88792
27.984	31.2688	29.3407	30.2001	23.0736	33.0082
8.54847	7.94789	6.91479	7.81866	7.19595	7.73181
0.148195	0.304901	0.33463	0.391847	0.107013	0.212183
0.0908211	0	0.0653009	0.0146468	0.0625832	0.102241
0.145421	0	0	0	0	0
0.675584	0.738655	0.849659	0.626277	1.27937	1.07932
53.8159	50.3318	52.6082	57.4224	57.3958	50.3041
0	0	0	0	0	0
0	0	0	0	0.0689698	0
0.776605	0.526769	0.495931	0.533933	0.602036	0.629464
4.2993	3.08398	2.81535	3.89254	2.82476	2.62203
4.17646	3.44267	4.94896	3.97041	4.3129	4.0597
2.67872	2.16322	1.91481	1.77446	2.13695	2.0702
0.324396	0.619363	0.524794	0.47084	1.17356	0.0876446
0.0397775	0	0	0	0.0154181	0
0	0	0	0	0	0
0.403847	0.289147	0.489995	0.14654	0.782671	0.490997
5.18559	3.39602	3.91988	3.43473	2.75175	3.76944
12.9955	9.43507	11.2751	11.1508	13.1914	12.1064
0	0.095293	0.107657	0	0	0
30.7304	44.0047	62.9197	25.0893	26.8005	24.908
19.0484	21.5879	13.5128	17.3721	12.4766	23.0352
0.322976	0.231245	0.174166	0.312519	0.250376	0.261783
11.7503	11.525	10.5462	10.046	12.2286	10.5678
0	0	0	0	0	0
35.6667	26.8044	28.9107	38.973	18.0467	23.7924
8.49606	5.04625	6.06212	7.13974	5.37693	6.45483
24.1932	18.8161	23.003	26.8752	20.8114	25.8594
0.769414	0.873819	0.922815	1.23228	0.822706	1.67744
59.3603	58.0996	57.2127	62.9084	55.9046	54.9511
21.6801	19.2227	23.756	25.5521	21.5948	22.9532
0	0	0	0	0	0
11.5762	12.5359	9.14651	10.1519	8.59395	9.14267
21.0266	19.7358	18.5361	20.56	18.5522	19.0887
0	0	0	0	0	0
33.7506	26.2416	30.032	29.8185	48.3977	27.0932
31.6024	29.5128	30.0914	27.5725	29.2048	26.4683
0.0268036	0.0191909	0.0433618	0.0194518	0.0519464	0.0434504
32.2124	29.8262	24.049	27.5426	21.4718	27.5487

2.7114	3.18084	2.35975	2.56839	2.07792	2.39205
0	0.0852941	0	0.095554	0	0
67.9407	56.7692	50.4855	55.6161	43.9858	48.0802
6.29429	13.6211	14.1299	12.5232	16.8313	20.9802
0	0	0	0	0	0
2.18E-167	9.39E-188	1.17E-57	8.22E-99	3.37E-111	3.02E-270
345.026	363.822	358.707	350.438	434.851	434.08
11.8666	9.68879	8.61059	8.77982	8.13152	8.62259
0.935683	1.11655	1.01903	1.50521	0.506943	0.568237
2.06359	2.35368	1.41694	1.77625	1.95315	2.21722
0	0	0	15.8569	0	0
0	0	0	0	0	0
0.674146	1.17652	0.749792	0.886747	0.718586	0.887929
6.01747	5.67795	5.12528	5.19604	5.84906	5.5449
0.231931	0.124544	0.117253	0.0631186	0.0224745	0.164489
5.83034	3.89608	3.83639	5.66036	4.9797	3.21498
0	0	0	0	0	0
4.00242	2.33744	3.16477	2.43326	3.13832	3.3198
0.0179193	0.025735	0.0148151	0.0537923	0.0575013	0.0145433
0.147253	0.0351434	0	0.0356213	0.0380509	0
7.08512	4.58504	7.0811	4.771	8.00109	7.48211
0.595772	0.289631	0.0684364	0.310845	0.598716	0.187876
14.0814	13.2327	13.9299	13.2744	13.494	13.1722
0.100783	0.0721585	0.122282	0.0731399	0	0.0816878
5.42606	3.9215	4.70503	4.97257	2.99636	3.17685
2.01366	1.44174	1.6719	2.00259	1.62711	1.67532
0.440967	0.552517	0.405329	0.400022	0.58269	0.406158
23.2708	26.22	23.6414	26.2157	20.8216	20.7891
7.13746	7.52316	8.95469	6.93636	6.91664	7.94739
2.81138	2.2046	2.49095	1.89454	1.40106	2.44179
12.5855	10.3682	11.7432	9.20903	11.5412	11.015
0.0433978	0.062144	0	0	0	0
2.67263	2.34134	2.07931	2.44864	1.89741	2.84988
20.6609	16.334	21.8858	19.9732	17.7062	21.4295
0	0	0	0	0	0
16.2455	13.1703	14.4027	15.7029	16.0979	14.2152
41.8552	40.9905	44.3069	43.8292	48.9293	41.1073
0.0249864	0	0.040422	0	0.0387397	0.060757
14.9363	11.1842	14.6393	12.7008	14.7317	13.9616
0	0	0	0	0	0
17.7166	11.3771	14.5858	16.1951	17.171	16.6882
17.7127	11.7808	16.6099	9.22709	11.9349	8.11578
0	0	0	0	0	0

0.995886	0.971659	1.1741	1.17679	0.921783	1.09244
6.99875	4.88806	5.24551	5.70272	7.29888	6.60424
0	0	0	0	0	0
2.79579	2.04685	2.40079	2.04629	1.40113	2.40191
1.91936	0.791925	1.21045	1.34569	1.31138	1.63481
0.357975	0.209988	0	0	0	0
2.2472	4.35767	3.54146	5.45158	3.00849	3.82995
0.416379	4.62E-11	0.186838	0.156673	0.161392	0.18014
24.846	22.4527	22.5047	25.3992	22.2932	21.3791
0.0169016	0.0242025	0.0068357	0.00613292	0	0
11.8956	7.61422	11.2074	11.1797	12.7078	11.1934
0	0	0	0	0	0
29.2904	28.6379	26.3673	27.4323	28.2223	24.073
40.061	52.8608	38.0703	55.5326	31.5161	40.0406
1.9585	2.19042	2.27673	2.45631	1.04435	2.0831
15.5803	15.004	14.7534	13.9563	13.9388	12.6866
0.155967	0.0837517	0.126159	0.0955024	0.14169	0.148145
291.439	289.872	255.434	289.226	279.267	262.188
3.44441	3.2818	2.68439	4.30763	2.63603	3.02187
0	0	0	0	0	0
2.23565	2.27789	1.9127	1.93446	1.86643	1.60318
0	0	0	0	0	0
17.4976	22.7468	22.8121	20.8153	17.1284	21.6351
2.17949	2.1777	1.93852	2.24865	2.31896	2.30218
0.836377	0.42892	0.327189	0.406019	0.357597	0.386515
2.27548	1.77373	1.55856	1.49155	1.32299	1.81461
0.695735	0.37953	0.66996	0.504908	0.256831	0.617623
143.866	147.507	130.788	139.679	140.882	125.355
0	0	0.00597355	0	0	0
11.3803	10.6398	11.9077	12.4514	13.9482	11.2551
1.3505	0.846527	1.18622	0.948486	0.824053	0.97512
15.7061	10.6516	14.7615	13.3442	12.3711	13.7832
21.8913	20.9702	18.2171	18.8495	21.0414	14.4791
6.54345	4.72118	5.99209	5.38664	5.83542	4.97264
20.5859	17.0262	22.7107	22.1517	26.1099	22.7874
4.43632	4.2139	3.35088	3.74025	2.87366	3.4351
0	0	0	0	0	0
33.6852	38.3713	36.4468	36.4131	32.0424	30.0289
2.71489	3.17647	1.98177	2.59496	2.15596	1.87848
0	0	0	0	0	0
14.7387	13.9285	13.9985	13.8452	14.3967	14.3616
56.7538	46.933	49.0918	49.8366	51.3108	47.8409
18.4761	18.5016	17.7686	16.2508	14.851	13.0777



13.554	14.4831	15.283	18.5253	11.995	16.9241
1.55405	1.72427	1.76485	1.64316	1.48397	2.17721
0	0	0	0	0	0
1.26033	1.46331	1.35009	1.35961	1.05625	0.993934
4.02991	2.38596	4.45077	4.33063	3.60468	3.61186
10.5217	9.66061	10.4586	11.7024	10.934	11.7478
0	0	0	0	0	0
7.55473	6.74374	7.72456	6.90666	7.14955	7.21019
0	0	0	0	0	0
0	0	0	0	0.0890076	0
25.4116	25.4357	29.863	28.7172	28.938	25.4265
179.937	348.793	313.4	227.671	381.313	271.848
0	0	0	0	0	0
10.4653	9.81519	10.2842	8.88162	6.80544	8.72787
0	0	0	0	0	0
0	0	0	0	0	0
17.6643	15.7523	14.4828	12.924	14.9609	14.5747
6.58766	6.16483	7.88145	5.84883	4.99698	5.77968
21.996	20.0199	21.46	20.9018	24.341	22.2009
0	0	0	0	0	0
4.7153	3.07309	3.42297	4.49683	3.67881	3.50342
56.3085	63.327	58.1713	57.3104	51.9048	49.0408
0	0	0	0	0	0
0	0.0379176	0	0	0	0
5.42393	3.9307	3.57503	2.81911	2.69386	3.17273
13.8265	11.8844	12.6776	12.9462	13.1298	13.2508
3.29782	3.59516	2.84937	3.69843	2.78881	2.82483
0.16702	0.161438	0.101324	0.113634	0.0728301	0.101531
26.4037	26.83	23.1265	25.4048	26.6477	16.2404
0.813811	0.422845	0.633593	1.19409	0.657825	0.601776
0	0	0.165894	0.0496129	0.0529967	0
0	0	2.47856	0	0	0
5.65423	7.15935	3.58227	3.86081	2.2456	4.35718
0.719146	0.901066	0.581702	0.391423	0.836239	0.437169
3.72403	3.59411	4.73508	4.28069	2.25179	3.76678
0	0	0.226648	0	0	0
11.1642	10.1203	10.7469	10.5659	12.1594	12.1027
38.3171	27.0942	32.0826	32.9591	34.6138	32.2765
0	0	0.249272	0	0	0.249781
3.83393	3.17075	3.28656	3.14622	1.80914	2.6915
1.15659	0.361563	0.925432	0.521649	0.811019	1.11903
5.98496	7.77132	5.54402	4.76056	3.06688	4.70494
0.0263294	0.0691215	0.0780901	0.0573231	0.102055	0.0569089

0	0	0	0	0	0
44.0486	32.3855	69.2442	23.7378	89.7872	16.2102
0.103376	0.0911994	0.135459	0.147408	0.258192	6.48E-09
0.777944	0.223645	0.345867	0.282098	0.421875	0.409588
10.1542	10.8076	10.6448	12.1403	10.1687	13.6852
2.97302	3.7693	2.52303	2.33676	1.49752	1.59961
4.99144	4.20373	4.85865	4.62927	5.77137	7.10402
1.98873	2.1668	2.72771	2.13352	2.48012	3.36404
8.2433	6.92547	9.12336	8.34177	7.7915	8.31961
229.211	167.138	153.333	163.388	144.096	134.41
35.0142	36.2809	45.4145	43.449	42.8099	48.008
0	0	0	0	0	0
1.24422	0.734716	0.923425	1.08448	0.780578	1.03448
0	0	0	0	0	0
12.9208	13.2306	12.8535	10.6952	18.3574	9.42531
6.20892	6.05564	9.9259	10.573	6.67033	8.91591
0.0172524	0.0123524	0	0.0125204	0	0.0139836
13.4138	13.541	16.5264	16.1745	17.0766	14.1149
10.0259	10.3376	10.5384	10.1371	11.1523	10.7293
0.0394958	0.0282782	0	0	0	0
0.881803	1.31806	0.7692	1.02039	0.942136	1.23194
4.22037	4.07336	3.64306	3.16126	3.85869	3.26593
1.6256	1.72288	1.31062	1.03096	0.877103	2.66853
0	0	0	0	0	0
9.9409	9.16661	9.8643	9.57617	8.90402	10.1616
4.31058	3.38305	3.822	4.69239	4.27342	3.9306
0.678503	0.721753	0.917325	0.562745	0.541014	0.911345
3.25163	1.91237	4.6028	3.7082	3.60101	5.45936
0.0380364	0.0544667	0.0923006	0.0184025	0.0196576	0.0411064
4.89092	3.8063	4.96173	4.71278	4.7172	6.2049
5.38636	2.58348	2.20551	3.41077	2.56861	3.26054
0.280749	0.113303	0.199936	0.0630828	0.421249	0.295254
5.2894	4.53331	3.57209	5.62036	4.88733	4.55836
53.1846	55.7198	61.4758	68.2237	37.5179	46.3691
1.08285	1.80619	0.875896	2.22152	1.2854	1.55719
0.28173	0.134475	0.101282	0.272609	0.0485336	0.253724
4.93991	4.24513	4.54065	4.61371	2.91865	3.88034
4.70428	5.83084	5.38273	6.27898	5.77262	5.96856
0.192966	0.449019	0.370704	0.770213	0.411373	0.508317
0	0	0	0	0	0
19.5397	14.391	18.8984	19.0199	22.5223	19.442
0.508065	0.637701	0.280644	0.18606	0.0297814	0.0259485
7.97656	6.33937	7.9714	7.62184	7.56163	7.57792

123.053	173.504	169.454	113.134	67.8867	179.284
18.2343	12.8816	12.4734	15.2562	23.2751	11.202
0	0.0391249	0	0.039657	0	0
16.0818	11.0433	12.678	11.5886	15.6144	12.1524
24.9654	24.7741	22.751	26.7394	21.402	24.5199
10.2676	7.70625	8.84147	10.8451	9.29331	7.01134
29.3865	23.5435	32.3893	39.7124	33.6873	36.3691
5.30314	4.83017	5.2707	4.65171	4.40619	4.54953
0	0	0	0	0	0
0.121303	0.130276	0	0.0440158	0.117545	0.17206
0.744164	0.679598	0.54357	0.998548	0.781383	0.922266
21.5123	19.742	19.4813	23.6622	19.1204	21.2637
105.999	99.3022	106.601	114.732	108.2	112.034
0.976383	0.854421	0.438765	0.669213	0.925109	0.0439662
0	0	0	0	0	0
0.351943	0.346478	0.213509	0.446969	0.443351	0.356577
1.46331	0.768316	1.26255	1.06195	1.81501	1.81863
65.2707	57.9208	66.7821	69.2355	79.8583	65.6029
2.80585	6.2336	3.13738	4.16234	2.65494	3.04346
0	0.281446	0	0.285273	0.30473	0.318614
2.95503	1.14569	4.27415	7.08525	2.85457	3.40301
28.1798	27.5658	29.5725	27.9407	27.3354	24.9411
8.27008	8.83649	9.29397	8.66726	8.47451	8.02647
0.0626739	0.0448733	0.0506957	0	0	0
8.17443	7.09183	8.28999	7.76726	8.50953	8.02838
1.60837	4.6053	4.47823	5.03656	8.13839	4.89701
0	0	0	0	0.04638	0
41.547	30.6238	37.6482	39.2586	42.3394	39.9776
0	0.0462886	0.0522945	0	0	0
8.4705	6.71672	7.80155	6.71756	7.11214	8.86876
6.49876	7.9374	4.17373	7.25339	8.78727	8.05903
20.7801	16.1029	22.6076	17.369	16.8675	17.6032
29.4262	23.83	23.7734	26.8753	26.3829	25.0667
0.265381	0.0633359	0.143107	0.0962958	0.0685758	0.0717
0	0	0	0	0	0
0	0	0	0	0	0.0212442
0.0946239	0.0948485	0.0918472	0.0824043	0.0733539	0.0613567
0.647037	0.961938	0.254124	0.144132	1.4305	0.45355
0.733549	0.513914	1.15282	1.09262	0.837202	0.749191
12.4763	11.4523	8.57155	9.45091	12.7821	9.23731
0.230715	0.765868	0.424137	0.593629	0.406485	0.629007
9.24696	8.29724	11.01	9.63062	9.34016	9.15035
0.293819	0.140246	0.0792215	0.118461	0.177157	0.132306

14.5064	16.8029	16.393	17.3034	14.9636	16.9348
20.0641	17.638	19.9729	19.1712	18.4786	19.5721
0.0975084	0.0465428	0.0525817	0.188703	0.428343	0.0790338
0.383664	0.164818	0.155169	0.167059	0.237938	0.124389
30.222	35.637	33.9147	33.457	32.0166	33.0937
1.56772	2.67409	1.34269	3.19024	2.14468	3.10209
0.413614	0.284294	0.254269	0.312174	0.243687	0.348658
0	0	0	0	0	0
4.34836	2.90869	3.43384	3.39111	2.84724	3.46705
52.943	68.615	64.9145	63.4688	57.5372	48.7514
32.2439	33.1628	33.802	33.9665	21.9286	28.8636
0	0	0	0	0	0
85.5221	99.873	88.5562	85.1634	85.6178	82.2473
0.38225	0.342104	0.193246	0.312081	0.148163	0.387283
26.9901	25.0367	27.594	26.182	31.7507	25.5416
22.8156	20.361	22.3951	23.6631	21.4197	19.5327
0	0	0	0	0	0
0.0365638	0.0104716	0.0177454	0.021228	0.0170069	0.0829814
21.2453	22.8564	21.0561	23.1906	16.9165	16.783
0.0944196	0.0682854	0.0385725	0	0.0415881	0.0386514
0.303741	0.317844	0.340186	0.389992	0.398478	0.549198
2.97392	2.62356	2.11559	2.96756	3.35522	3.33591
1.66384	1.37945	1.11966	1.25422	1.0632	1.36424
0.0361441	0.0528352	0.0884395	0.0295092	0.0315219	0.032958
0	0	0	0	0	0
6.29066	4.65825	5.53134	5.94653	3.86262	5.06577
0.351465	0.296049	0.351185	0.315079	0.160271	0.301631
46.4743	34.6892	49.5904	35.9311	32.3285	42.1072
13.8367	10.1024	11.0269	11.9178	10.6132	11.799
0.0741061	0.0353724	0.019981	0.0358534	0	0.0400437
22.5253	17.0957	21.2415	20.9036	21.601	20.0034
38.0722	36.0276	38.4241	34.0317	39.1631	44.7899
153.398	164.04	154.405	146.447	160.06	131.422
2.76019	3.47178	2.55019	2.93796	1.67709	1.90467
15.4678	12.2491	13.4037	12.6406	12.8224	8.88662
8.21E-14	1.02E-14	1.76E-20	1.61E-15	3.86E-86	1.14E-28
1.37426	0.646592	1.36569	0.968831	0.974033	1.52761
76.6458	89.6692	104.743	118.179	162.07	67.6742
76.6527	57.7926	74.2304	65.3326	99.6347	41.8466
0.0852741	0	0	0.682024	0	0
2.18412	1.55952	2.73142	2.72736	1.63207	2.23963
0	13.0339	0	0	14.1122	59.0205
2.34951	1.00932	1.6344	1.63688	1.27496	1.40922

0.243114	0.261098	0.472174	0.229362	0.245006	0.335297
0.177331	0.335269	0.459007	0.363804	0.13747	0.220091
16.3448	16.0264	17.5748	15.9823	13.5867	15.0569
19.0267	19.0267	20.6815	20.6815	18.9119	18.9119
0.0589199	0.0421855	0.0476591	0.0712654	0.0609008	0.0795943
47.0271	50.7866	50.4639	49.7736	34.6088	44.7101
40.4384	42.9007	40.3986	38.3002	38.3584	40.455
12.9137	11.7106	14.2818	11.0703	10.4884	11.2658
16.7093	10.6571	13.004	10.3862	14.9268	6.17872
20.0461	17.2474	21.7483	22.0449	23.7034	23.1634
0.057869	0	0	0.0419966	0.0224305	0.0234524
8.10394	7.07864	8.87766	9.16523	7.0064	6.81594
9.31538	8.21927	8.77644	9.82441	10.2669	8.22223
4.18096	2.34743	2.65201	3.84181	1.88877	1.9992
0.0783846	0.280609	0.253615	0.511966	0.182295	0.444733
32.0887	28.7652	36.444	38.5829	38.2892	34.2985
58.9033	49.8018	59.7767	66.7801	72.7026	64.5742
0	0	0.209104	0.187606	0.200402	0
0	0	0.0820552	0.073619	0	0
2.49325	3.31237	3.67863	2.14714	2.00983	2.3653
0	0	0.0442669	0	0.0424246	0.0887149
0	0	0	0	0	0
0	0	0	0	0	0
7.033	5.10716	3.80824	4.79933	1.70221	9.01529
16.9482	12.6994	14.6308	15.2684	13.1158	16.6739
0	0	0	0	0	0
0	0	0	0.0687078	0.073394	0
51.9641	51.4108	53.7521	46.8669	56.4572	37.1846
0.622771	0.28375	0.366361	0.369782	0.263336	0.36711
16.7774	18.8566	21.9325	17.2494	22.6944	21.5343
202.04	155.001	130.853	131.553	237.099	72.6772
0	0	0	0	0	0
10.1484	11.457	12.1691	11.1359	10.3058	9.93804
11.3149	8.90041	9.65666	10.2081	10.8262	11.8852
15.6068	10.9985	14.5168	13.7365	14.9952	15.1125
1.66489	1.84222	2.87703	1.61098	1.97508	3.63942
0	0	0	0	0	0
0.0912019	0.0217663	0.0491809	0.0220623	0.023567	0.0246407
1.51912	0.933751	1.82078	1.32936	1.38159	0.994509
0.469231	0.206291	0.226399	0.603394	1.02107	0.660568
0.0856299	0.0766367	0.121212	0.0155358	0.0331908	0.0607302
375.17	785.749	537.281	518.648	448.77	899.69
0	0	0	0	0.074906	0

13.9484	11.9977	16.307	15.3251	15.5587	14.176
2.92783	2.25931	1.84198	2.76221	2.06803	1.76665
1.9113	1.67624	1.88838	1.53105	1.27147	1.91905
4.37978	3.53754	3.59046	3.94624	3.75195	3.85071
0	0	0	0	0	0
0	0	0	0	0	0
5.17117	5.61898	6.05174	4.16148	4.61553	5.86451
0	0	0	0	0	0
0	0	0	0	0	0
0.0829962	0.0198079	0.044756	0.0401546	0.0857866	0.112119
9.91659	11.7508	11.2789	13.2724	9.85834	14.262
13.9426	10.4335	13.6602	13.5015	12.0354	13.8172
1.62522	1.35454	0.938059	1.07199	0.80066	0.981892
0	0	0	0.0645843	0	0.0360662
59.6767	66.828	65.0827	60.3558	62.9556	58.7926
22.9277	18.6497	21.9027	25.0756	21.2982	18.5133
6.01478	5.46521	6.37353	6.90007	6.12008	7.31991
20.3519	20.7019	22.822	21.999	19.5625	23.7834
13.1388	0	31.8831	0	10.1854	0
0	0	0	0	0	0
0.124065	0.0592187	0.167256	0.182622	0.064118	0.132232
3.28374	8.52908	6.97812	9.7513	8.87994	10.2264
6.70402	4.79995	5.3541	5.68123	4.91747	5.67458
0	0	0	0	0	0
2.75889	6.75226	3.47776	5.29298	2.88839	4.91046
45.8115	41.5424	47.6101	43.7492	40.2141	38.2101
0.187028	0.133909	0.244381	0.177493	0.245363	0.279863
65.9496	59.6059	41.4741	49.1794	51.9676	49.7405
0.849615	0.649872	0.402975	0.55214	0.272572	0.498311
8.622	7.57364	8.0239	10.3612	9.96888	10.8735
0.0442036	0.189894	0	0.288714	0.0342673	0.429942
21.2798	24.1712	17.7305	20.9004	20.8996	18.6096
1.68037	3.00378	2.13445	1.14214	0.899865	1.48555
33.1226	44.0613	48.1567	43.0089	39.8431	31.2047
5.24274	5.0202	5.5415	5.7887	4.76236	6.04813
22.9976	19.1182	22.5627	23.6949	20.5998	20.557
0	0	0	0	0	0
0.0959351	0.343439	0.1164	0.0696218	0.111556	0.194397
8.75542	7.66229	7.52696	9.13971	6.74395	6.78119
0.188559	0.184272	0.129301	0.192433	0.168598	0.0743676
7.10483	7.35177	6.90447	6.99627	4.65144	6.91859
22.8738	16.6214	19.7683	21.3079	17.861	21.2708
22.1909	22.3418	24.8047	23.7121	19.1394	22.1952

6.99928	5.19363	6.14867	6.54728	7.08963	6.89091
0	0	0	0	0	0
18.2012	18.3203	12.2611	16.3014	17.957	18.9627
0.196406	0.0351558	0.0397173	0	0.237902	0.079597
3.56417	2.9206	3.23758	3.15937	2.90493	2.69696
1.8382	2.38263	3.23013	3.42705	2.7763	3.1083
7.90088	10.3767	11.8407	8.58313	11.1225	8.40761
19.0682	16.8061	18.9832	19.7856	19.7979	19.4094
2.8368	2.70813	3.19063	2.52928	2.63896	2.34312
15.344	25.5794	23.5262	25.0132	18.4638	24.9665
0.342415	0.326725	0.21582	0.243889	0.123181	0.432095
33.6742	42.4162	46.1035	37.3358	40.7524	49.2809
1.06459	1.19779	0.861126	1.43482	0.884237	1.29433
80.7882	58.049	68.333	77.7922	81.2581	54.3188
13.1116	13.6771	14.8786	13.1351	11.1106	11.685
0.89216	1.038	1.12758	0.768855	1.29678	0.904502
5.02102	4.66911	3.91461	4.44286	3.58286	3.903
0.858812	0.623654	0.771639	0.947464	0.518344	1.00469
7.93794	9.15416	9.27564	9.76602	5.14901	7.06226
0	0	0	0	0	0
8.07E-06	2.18E-07	8.80E-07	2.51E-07	4.25E-06	9.09E-07
11.3499	9.53868	11.8592	10.5621	8.40967	10.5055
1.03129	0.909702	0.736503	0.418299	0.88577	0.294915
0	0.0774204	0	0.0784733	0	0.0876446
0	0	0.0262447	0.023547	0	0
2.1604	1.56199	1.8797	2.37463	1.7522	2.355
60.8054	55.8109	54.7317	63.4272	48.2469	55.4225
0	0.26223	0	0	0	0
1.79041	1.39705	1.40927	1.21982	0.792008	0.907897
0	0	0	0	0	0
1.38073	1.01853	1.41047	0.83504	0.843348	0.785856
12.1055	11.4774	11.3404	11.4497	9.50221	10.5794
1.0426	0.959764	1.5662	0.648544	0.692778	0.482894
0	0	0	0	0	0
24.926	30.1088	28.4022	28.6452	31.355	30.2661
0	0	0	0	0	0
0.451021	0.393808	0.489395	0.43908	0.41786	0.748968
26.7361	23.9958	28.1592	26.3978	29.7086	30.2733
7.22494	6.64891	8.57942	5.98513	6.37835	7.12824
178.287	198.107	164.21	169.098	148.89	174.418
28.6473	25.0519	21.8037	25.3981	19.0517	20.2022
51.5943	50.41	55.05	52.7806	56.3453	57.5464
2.97679	1.84771	2.47336	2.52027	2.59517	2.88097

158.553	247.759	171.131	171.971	227.305	71.2769
57.8138	44.7135	53.0738	63.2894	57.7358	58.512
39.7431	36.0098	37.5527	40.3282	40.534	35.0639
8.47522	4.35613	6.15689	10.1217	6.60366	5.28341
25.1758	17.0909	21.9901	22.4406	18.0515	23.2813
0.58391	0.139377	0.35416	0.176565	0.226292	0.118334
7.01928	4.99161	6.60126	5.5917	7.33273	7.26238
14.9652	22.2558	17.0937	19.111	17.5046	18.4464
1.58439	1.63089	1.92238	1.43728	1.72722	1.64539
0	0	0	0	0	0
0	0	0	0	0	0
3.69313	3.0903	2.24067	2.25244	1.94893	2.97125
0	0	0	0	0	0.0592298
3.66791	3.55066	3.80257	4.16849	3.22476	3.4837
1.22858	2.04456	1.28922	1.10848	0.669262	0.67284
0	0.0133095	0	0	0	0.0200895
0.150687	0.107889	0.0609438	0	0.175222	0.122137
26.1291	24.4451	21.2293	26.7159	25.2071	23.1552
59.132	57.3046	54.5268	62.7084	48.5967	37.604
0.664412	1.00124	0.81523	0.768846	0.779132	0.878753
0.469691	0	0.331434	0.0660797	0	0
70.2066	77.0102	72.3325	73.689	67.9744	60.1615
0.419813	0.165607	0.0415515	0.341087	0.0398222	0.340273
6.4232	6.24401	8.29324	7.75641	6.40975	7.5342
262.025	232.726	388.123	110.724	381.398	481.217
0	0	0.0351705	0.0157773	0.0168534	0
0.955701	0.430424	0.548614	0.872555	0.669177	0.56223
19.8215	18.5538	18.664	18.5238	14.6375	16.1535
1.56134	0.883226	1.33186	1.07351	1.40277	0.932841
0	0	0	0.141881	0.151558	0.158463
0.583851	0.384424	0.55485	0.330945	0.309355	0.472118
1.07337	0.794141	0.655794	0.703823	0.976779	0.85444
8.50597	6.44568	7.9103	8.90826	5.41929	7.25561
0	0	0	0	0	0
19.406	18.7773	15.9852	18.8096	13.9207	15.0175
15.9325	15.7828	11.281	11.6892	9.66094	12.9227
0	0	0	0	0	0
17.5803	16.5391	17.2552	17.1846	12.0994	14.7537
0.697119	0.970519	0.595212	0.505912	0.870673	0.345301
0	0	0	0	0	0
18.8618	17.3891	17.3568	18.6174	19.4217	17.4396
4.96048	3.62212	4.96685	4.86113	3.61558	4.92203
13.2824	9.31005	12.4937	10.4327	16.2655	12.8021



0	0	0	0.00777029	0	0
1.01214	0.682045	0.751278	0.74317	0.424622	0.472921
323.478	305.8	322.663	325.34	477.206	279.073
6.65622	5.01341	6.40686	5.62697	6.39914	7.57053
0.293989	0.46146	0.393288	0.451324	0.324326	0.403257
0	0	0	0	0	0
2.184	3.00356	2.13839	1.87684	2.56163	2.93448
0	0	0.0421888	0.00926972	0.00990196	0.0207062
0.657053	0.585626	1.0143	0.851032	0.612274	1.03945
4.87091	3.50148	3.46528	4.01758	3.8215	4.88351
27.6214	25.3651	28.7085	27.2592	26.4439	27.3516
144.395	118.05	98.0656	139.559	115.474	136.304
0.360882	0	0.29191	0.261899	0.186508	0.195005
0.0386275	0.110626	0.24996	0.0560653	0.179668	0.250471
2.90239	2.62813	2.46276	2.49867	2.58085	2.85988
1.42117	1.73091	1.15093	1.19377	0.644621	0.958292
6.5962	4.42332	6.71977	5.77198	6.19338	6.62062
39.2779	36.4521	33.5567	65.1013	38.1769	31.1294
0.0797168	0.0570757	0	0.115704	0.0926966	0.193839
0.0571859	0.081888	0.13877	0.0415008	0.132994	0
43.8201	40.8135	41.688	44.6194	47.4715	44.109
2.79127	3.29361	3.26687	2.68204	1.70447	1.04905
13.2685	10.4214	12.2492	13.1957	11.4398	10.5688
15.5991	14.3947	15.0895	16.9432	13.0606	11.9517
12.7653	9.77442	15.5601	14.5181	11.7513	11.9275
5.20926	6.06461	4.5905	6.05488	5.25308	7.4834
1.01376	0.90789	0.878096	0.887874	0.748071	1.03209
13.7555	13.1644	18.5813	21.6067	16.1137	18.1857
0.436395	0.223179	0.226923	0.0904857	0.0966573	0.176857
0	0.0096745	0.0437191	0.00980607	0.0104749	0.0438085
53.8702	41.6713	41.4457	40.6374	49.8498	30.593
10.5481	8.454	10.0527	11.1919	11.1929	9.16333
91.38	62.2669	75.2167	81.0938	129.207	76.9353
13.4393	11.2826	12.0644	10.9197	12.6246	10.9143
61.303	52.5223	92.3334	117.699	84.0561	86.4719
22.7282	20.3656	21.9072	24.0996	20.5734	22.7242
0.64949	0.503774	0.612919	0.549904	0.629368	0.877389
0	0	0	0	0	0
0	0	0	0	0	0
0.980568	0.31053	0.518606	0.328438	0.438549	0.259833
12.7798	11.3844	10.7838	11.4776	10.516	11.7694
3.98973	2.85657	3.45036	3.73282	3.88253	2.63181
41.6954	58.4304	30.3635	36.3368	24.3573	21.9526

0	0	0	0	0	0
21.05	24.7619	25.921	26.9581	19.3344	24.9415
7.55393	8.52554	10.0904	8.63501	8.42256	6.80436
0	0.19392	0.219081	0	0	0
24.9573	22.6435	23.4456	26.5715	24.2261	26.2189
664.189	635.192	691.626	764.407	670.514	806.598
0.188543	0.185616	0.10485	0.196789	0.152315	0.124167
0	0	0.126879	0	0.121599	0
0	0	0	0	0	0
1.23783	1.72588	1.42284	1.22928	1.0606	1.82179
0.567152	0.0814796	0.536845	0.523438	0.432118	0.438584
0	0	0	0	0	0
0.140326	0.160753	0	0.101837	0.0217566	0.0682434
3.4525	2.37685	2.25561	1.78279	2.43624	2.33198
16.1865	14.4019	17.623	18.2688	15.4977	16.8808
0	0	0	0	0	0
0	0.164042	0.185327	0.0332546	0.142091	0.185706
0	0	0	0	0	0
22.9967	19.9467	22.8009	21.3058	24.1761	23.1439
7.07405	5.92021	6.02521	6.10272	6.48264	5.27809
182.94	133.562	178.335	163.192	138.862	184.966
0.27291	0.0888174	0.180615	0.0900253	0.0769324	0.060328
0	0	0	0	0	0
0.299796	0.143099	0.484998	0.0725224	0.309875	0.323993
0	0.47534	0	0.642407	0.171555	0.179371
103.768	87.479	89.9668	91.6359	108.741	81.2483
0.267365	0.179487	0.154658	0.299343	0.141801	0.308265
117.077	124.879	118.841	115.056	98.9824	123.15
0.123667	0	0	0	0	0.100237
9.15788	9.10101	9.76778	10.9649	9.00294	9.5536
33.3582	71.3062	23.9847	86.0032	33.0431	148.423
1.99833	4.78551	1.43792	2.49405	1.66425	0.723498
13.6156	14.7753	14.8055	13.1766	15.8545	16.6868
0.127438	0.27373	0.0687214	0.107898	0.0987919	0.137724
19.2652	18.9662	21.427	26.8699	24.7356	23.504
36.2913	41.8027	33.7683	41.9352	37.6025	35.8328
8.68452	8.19814	8.51325	9.05937	6.24017	7.78924
0	0	0	0	0	0
23.5007	30.8861	30.7272	28.3858	29.3236	28.9637
29.9977	35.8935	41.1962	29.5476	31.8458	38.6975
16.6919	13.0147	15.6465	15.8804	16.7995	17.1416
0	0.0341935	0.019315	0.0346585	0.0185112	0
10.6843	14.8323	12.1613	11.7357	8.0101	13.3796

0	0	0	0	0	0
3.6789	3.03485	3.1376	3.68554	3.81292	2.98187
0.0321622	0.103625	0.117071	0.168056	0	0
0.167373	0.219699	0.0676922	0.101221	0.173	0.0904409
112.85	113.122	138.939	132.068	131.428	91.3591
13.0176	16.0071	12.6848	11.5487	12.9364	13.448
7.12332	5.44272	5.61869	5.80426	5.40851	6.73947
0	0.0656793	0	0	0	0
5.40089	4.31959	5.44988	5.5319	5.71317	5.0218
0	0.0217394	0	0	0	0
2.64846	1.81724	0.624834	2.24238	1.96758	2.10195
6.24535	6.42277	6.04371	5.35643	6.21471	6.33218
2.65706	2.01682	2.14678	2.33428	2.05904	1.23976
0	0	0	0	0.138362	0.289331
14.2626	11.8383	11.1762	11.4463	9.61905	13.5413
3.3248	2.80391	2.94793	2.99312	2.55266	3.08333
4.92181	3.43798	4.32101	4.29783	4.34281	4.24876
0	0	0	0	0	0
3.35914	1.5255	2.48836	2.86441	2.0933	2.3561
0	0	0	0	0	0
7.34881	7.36625	7.7276	7.22401	8.1181	7.8517
4.5544	3.40834	3.12859	4.28515	3.28225	3.11644
0.183209	0.111935	0.310401	0.257408	0.230084	0.287492
34.3797	26.9272	33.524	33.2138	31.6206	33.0678
13.6314	16.0904	18.2019	15.6801	15.1967	13.0544
0	0	0	0	0	0
3.15416	2.65411	3.2089	3.75212	2.72244	3.24181
12.6343	7.60307	11.0888	9.8872	7.90759	9.99421
5.14704	3.33036	5.404	5.27598	2.61493	3.5466
2.41131	2.36691	2.7684	2.56845	1.56779	1.85988
96.1797	104.308	99.5219	96.5086	101.549	82.4222
5.30938	2.19637	3.43572	2.65437	3.93298	4.2078
2.16763	1.6094	1.1905	1.59245	0.943998	1.60512
13.9975	12.5563	15.5968	14.3747	13.666	14.6545
44.5089	33.4777	39.5552	43.7483	42.0078	32.0418
0.0375084	0	0.0606796	0.0272205	0.0581542	0.121607
76.1832	63.0559	70.906	74.0773	90.0031	65.2672
96.006	146.101	148.77	107.119	122.927	105.795
5.16395	4.15187	2.29393	2.30383	1.83752	2.36724
0.107719	0.153392	0.65841	1.09356	0.658355	0.520424
33.4382	43.8395	49.5035	37.0618	40.8551	30.0893
0.193836	0.117097	0.183738	0.0263747	0.176091	0.148483
12.2244	13.6307	13.8713	13.9974	11.6547	13.2994

3.78099	2.28606	2.5646	2.39339	3.07133	2.4234
0.0524222	0.0187667	0.0636049	0.0190219	0.0203193	0
0.900793	1.19968	0.836441	1.21405	0.698309	0.93873
0	0	0	0	0	0
0	0	0	0	0	0
4.58673	6.1532	3.71011	5.46603	2.58257	2.19149
12.4055	11.4387	10.219	10.8421	10.6348	10.4743
3.3546	3.38556	3.67329	3.55462	3.472	3.44216
0	0	0	0	0	0
1.17338	0.926995	0.920423	0.850402	0.990517	1.09374
19.275	15.7575	15.7113	18.2844	19.0249	17.5563
48.4721	48.9778	53.6018	50.5204	46.9134	48.9655
10.9057	10.4696	8.76468	8.57613	11.3902	8.64049
34.1314	32.6957	30.7003	33.7049	24.7273	27.7652
0.162944	0.0720145	0.0585767	0.0953795	0.101885	0.157835
14.7871	11.8861	14.6734	14.0424	15.6678	12.7875
0.723968	0.721179	0.611064	0.41118	0.463626	0.306157
1.85118	1.11503	2.89969	1.17284	3.18903	2.42929
33.0616	32.9683	33.6593	53.424	42.0053	36.6739
0.138588	0.429981	0.0747339	0.469353	0.286495	0.187217
0	0	0	0	0	0
15.9618	11.7792	16.3633	14.3661	17.0471	20.4977
37.9117	59.524	69.1153	38.2671	38.1919	47.4189
0	0	0	0	0	0
0	0	0	0	0	0.0552066
2.49501	1.59603	1.70386	2.67149	2.55248	1.95599
11.9984	12.6793	11.9903	11.0882	9.34405	10.5637
0.464827	0.350323	0.336411	0.656912	0.493098	0.713857
0	0	0	0	0	0
80.791	102.015	91.3813	87.1519	90.5511	79.5818
18.0883	18.1099	16.6357	15.8939	15.9948	14.7278
4.03761	3.45032	3.41122	3.99024	4.10355	4.11741
0.0364163	0.0782202	0	0.079284	0.0846915	0.0590333
13.3338	9.72577	11.2615	11.6614	10.2145	12.6786
13.5019	10.7263	11.3963	12.3207	13.3248	12.4283
8.00731	6.24803	5.49476	6.61576	4.29722	6.37083
0.925281	0.243895	0.355496	0.353159	0.414971	0.138874
0	0	0	0	0	0
0	0	0	0	0	0
1.96031	2.23821	2.34131	1.95505	1.44452	2.12871
0.759869	0.336794	0.585374	0.446412	0.617113	0.527914
1.59021	1.29115	1.3924	1.20166	0.95316	1.47498
2.28843	2.45771	2.64438	1.66075	3.54805	3.7097

0.113492	0	0.0918016	0.288272	0.131972	0.137984
27.651	26.4752	28.5879	27.6623	28.1959	26.1334
0	0.0280381	0	0	0	0
2.72657	1.88439	2.35862	2.58333	2.2311	2.85455
0	0	0	0	0	0
10.6121	7.38777	9.1894	8.64345	9.5782	10.076
0.166784	0.597071	0.134908	0.605191	0.387881	0.540736
0	0	0	0	0	0
0.0654328	0	0.0882121	0.0949715	0.0507245	0.035357
2.76803	2.47806	2.15951	2.51954	2.0524	2.42003
17.5098	27.2391	20.1258	24.5972	13.4395	20.5298
29.0953	24.1147	29.936	34.6792	36.6175	33.3743
11.0115	8.22271	9.71256	9.79817	10.9731	11.4529
38.6952	40.1489	29.6337	34.5446	25.4062	24.9631
12.0498	11.7949	13.1841	12.6735	10.4016	11.4889
5.40171	4.64103	6.11707	4.41013	4.60624	4.48773
33.4987	35.2324	35.6579	31.1742	42.3544	42.5091
0.406983	0.325015	0.443155	0.374874	0.266961	0.431373
3.23207	2.00555	4.29916	2.86681	2.28283	3.84223
0.0252083	0.0360974	0.101953	0.0731765	0.136793	0.122593
0.305616	0.218816	0.247207	0	1.18459	0
0.658592	5.29172	5.32722	0.63727	5.55933	9.84585
2.2289	3.50308	4.17748	2.56441	2.65503	3.43694
5.34077	3.23104	3.58329	3.78576	3.46626	3.0537
0.0666354	0.286258	0.0539	0.193434	0.0516568	0.162031
6.80404	6.95776	7.2745	7.21241	4.31003	7.13618
0.873099	0.392519	0.558416	0.663095	0.629619	0.921625
4.03888	3.3138	3.78792	3.21628	2.87714	4.15842
1.07089	0.894528	1.73245	2.46102	1.24526	1.30199
5.91099	5.4834	5.52965	5.37146	5.43898	5.39522
39.8406	32.824	38.4436	41.2068	46.156	41.1973
15.9215	17.6587	17.9103	18.8219	16.4449	16.7888
0.207741	0.148738	0.0840186	0.150761	0.322088	0.168381
0	0	0	0	0	0
163.188	160.21	227.391	101.88	114.48	147.022
0	0.215101	0.0347157	0.155733	0	0
23.1106	19.1174	23.1181	24.344	25.301	24.1949
2.59606	1.41677	1.41646	1.7029	1.69009	1.62872
0	0	0.0136426	0	0	0
1.38472	0.991431	1.5681	1.2059	1.50284	0.448944
7.90686	5.70878	7.57659	5.92386	5.63718	8.4375
0	0	0	0	0	0
0.726108	0.441256	0.498509	0.328733	0.351155	0.280984

1.74613	1.17666	0.581582	1.34174	1.27401	1.58181
5.16917	4.16366	5.32706	4.6892	3.8531	4.81423
0	0	0	0	0	0
0	0	0	0	0	0
3.99224	2.24186	2.69104	3.35171	3.61066	3.0455
54.5536	56.0419	43.8321	54.9504	61.9039	41.1615
0	0	0	0	0	0
0	0	0	0	0	0
1.94508	2.10609	1.43285	1.23088	1.27494	1.67732
3.61236	4.14526	3.69512	4.24017	3.62367	3.74572
4.65269	2.32785	3.35538	3.33586	2.30316	3.40767
12.1019	13.0155	13.6091	12.2024	12.2566	14.9368
24.3181	23.9113	24.8511	24.6221	21.1539	23.7889
64.1917	82.8336	73.8718	68.8226	65.5804	66.0671
8.01625	8.86151	10.902	11.8269	9.90194	7.99685
0	0.0413607	0.0467272	0.0419232	0	0
112.174	103.402	123.184	130.322	133.572	99.0162
0.469015	0.723274	0.554474	0.41892	0.559366	0.526365
16.7705	14.1021	16.23	14.9459	16.9296	14.8441
10.7854	8.86667	8.91784	9.14824	10.4655	10.2948
0	0	0	0	0	0
25.7767	23.8603	24.98	25.9153	30.8696	25.3157
0.0877242	0.0314044	0	0.0318315	0	0
0.466606	0.779523	0	1.3545	3.25664	0.88772
21.0502	25.1245	26.7032	22.5136	19.7638	24.1949
0	0	0	0.0312873	0.0167106	0.0174719
1.43525	1.6628	1.36918	1.5324	1.19843	1.23574
0	0	0.310646	0.185806	0	0.10376
585.857	1524.84	1157.33	1073.89	1885.13	543.189
11.2926	9.08777	10.3654	10.7135	9.53287	10.9787
20.7066	23.2464	21.9749	20.7976	22.7725	19.6925
0.139459	0.309613	0.348992	0.541225	0.34468	0.509193
0	0	0	0	0	0
0	0	0	0	0	0
88.8466	97.523	100.011	85.7068	102.159	97.4884
2.29E-29	0.537405	1.05E-05	5.05E-09	8.97E-15	2.25E-10
25.8714	19.0904	27.7668	23.7904	22.9188	27.2388
30.7304	44.0047	62.9197	25.0893	26.8005	24.908
9.36954	8.66503	9.4538	9.03078	9.40083	9.17648
1.2479	0.763775	1.12337	0.920231	1.06101	0.603616
13.2511	10.9127	13.569	13.2629	11.3538	12.383
6.68401	5.64133	6.48071	5.81442	7.0803	6.9245
0.166834	0.103202	0.12036	0.0408018	0.0231791	0.0681613

4.42727	4.47507	6.10898	5.66991	5.38372	5.43545
0.050122	0.0199369	0	0	0	0
0	0	0	0	0	0
13.7643	15.0834	13.3435	13.7063	11.5256	10.4539
33.0644	21.4335	20.5793	23.3223	27.2103	21.7582
0	0	0	0	0	0
0	0.0951215	0	0	0	0
16.8133	14.4035	17.4918	16.7345	17.8802	17.1638
3.19308	2.12713	2.94987	3.12583	2.91132	3.49825
13.3982	17.7105	16.4371	15.9648	12.8759	13.0654
91.7677	71.2013	54.3997	83.6832	64.5421	66.0579
16.763	17.8691	20.0868	20.2828	19.7581	21.5421
0	0.162341	0.183405	0.740471	0.703089	0
26.3714	30.6715	30.4205	28.3066	28.3467	30.7728
31.8238	40.464	39.8703	30.8643	35.3517	35.0501
15.3727	10.0426	8.92881	8.85408	12.1245	15.1136
20.5797	17.1959	18.74	18.6493	14.5369	16.0052
3.22879	4.1998	3.62393	3.69703	2.08838	3.33405
23.6163	20.8139	20.4688	14.1249	11.2679	18.9623
39.4163	0	0	85.8154	30.5561	63.8965
89.6185	110.44	108.732	104.869	119.711	84.9304
0.475595	0.768453	0.380668	1.09869	0.519417	0.325426
0.900893	1.43338	0.809682	1.08966	0.465591	0.892472
3.74359	3.23218	3.16171	3.95533	2.81674	3.43591
6.18182	5.81686	6.74948	5.14235	4.79224	5.43637
0	0	0	0	0.0557331	0
1.70037	1.4098	0.257886	1.79484	0.804048	1.16286
0.0721749	0.0516759	0	0.0523787	0.223805	0.117
14.7486	11.6799	13.1147	15.6655	15.5337	15.1544
16.309	11.5052	14.8216	16.7441	17.3655	17.0291
0.1685	0.0344693	0.0292063	0.122283	0.0466513	0.0487767
34.5709	32.6667	32.5984	33.8591	33.4658	31.3249
0.863417	0.668665	0.247903	0.819949	0.533897	0.461491
0.881317	0.688371	0.864097	0.852784	0.910948	1.10398
0	0	0	0	0	0
101.877	111.412	84.9116	98.0121	84.6211	78.225
6.08045	5.47057	5.32139	5.93947	5.63344	5.79834
0.506242	0.271844	0.307116	0.33065	0.117734	0.348777
0	0	0	0	0	0
12.3071	17.1564	14.6441	9.91359	8.76099	11.843
16.6647	16.5784	16.3586	18.9309	15.3856	14.8648
0.124956	0.1342	0.084229	0.0906832	0.0645788	0.202563
0.216733	0.0221681	0	0.0224696	0.192017	0.150574

0.362919	0.243603	0.27521	0.395065	0.492346	0.312543
0	0	0	0	0	0
1.15902	0.829839	2.06899	1.39221	1.30127	2.13801
21.0851	18.6219	22.7083	22.5925	23.5178	20.9524
0	0	0	0	0.141791	0.148251
0.061422	0.131931	0	0.044575	0	0.0497846
18.1901	13.7748	17.529	17.9068	21.0255	22.0479
0	0	0	0	0	0
0	0	0	0	0	0
138.265	147.41	127.629	142.12	134.935	118.733
0.32891	0.647607	0.59861	1.19348	0.764929	0.399889
0.220639	0.631892	0.35694	0.320243	0.513128	0.536505
18.6895	19.7277	20.5815	18.2131	17.8947	20.8257
2.08847	1.85301	1.76882	2.16351	2.24123	2.22385
0	0	0.0340232	0	0	0.0681855
22.6661	20.9055	21.1358	21.4658	22.3624	21.7556
1.19396	0.873562	0.986251	1.05506	1.72605	1.50917
7.34767	7.25006	5.52118	6.08325	6.28219	6.88051
0	0	0	0	0	0
17.1456	14.9601	16.5358	15.7443	18.3213	17.2249
0	0.0962011	0.0543416	0.292528	0.20832	0.108905
0.0680055	0.0486906	0.146689	0.0164509	0.0702919	0.0918679
0	0	0	0	0	0
0	0	0	0.00751241	0	0
1.58207	0.534546	1.46662	0.812724	0.689012	0.763627
0.104164	0	0.0987376	0.185548	0.198204	0.238673
0	0.0319166	0.0721156	0	4.04319	0.0361315
7.34078	6.50932	7.37712	6.24033	7.44456	6.56002
0.113009	0.102035	0.0677627	0.0261088	0.0671537	0.139554
4.90927	3.63477	4.4373	4.03508	4.13731	4.08464
0.052161	0.0268764	0.0466303	0.0511677	0.0403588	0.0397786
0.146254	0.104715	0.059151	0.0176899	0.0377928	0.0592719
7.28804	5.9544	5.60582	5.99211	5.34941	5.49648
32.6903	31.739	38.3046	34.5766	32.8425	35.1442
5.11477	4.99093	4.32926	4.6516	4.29965	5.5101
14.4903	12.195	11.4169	13.3345	10.8893	12.3256
1.10189	1.97359	1.92973	1.33355	2.42094	0.746881
10.5745	7.62016	9.25723	9.28063	8.63461	11.6111
12.8413	9.63191	9.76876	7.37765	9.00667	11.4615
13.9485	13.9488	12.1624	12.2275	11.316	12.4502
18.0092	14.8777	16.0778	23.1336	21.8355	17.9652
0.281164	0	0.454856	0.204046	0.435926	0
69.2631	61.8142	85.496	54.3543	61.1684	49.3797



0.00749285	0.043812	0.145735	0.163325	0.0580857	0.0614912
0	0	0	0	0	0
0	0	0	0	0	0
0.872276	0.88296	1.02185	1.2224	0.652884	0.755768
5.70343	6.61145	7.15197	6.87657	5.49749	6.1393
44.1573	39.7051	38.0598	43.4795	50.2367	44.3219
0.0299442	0.0643185	0.0242213	0.0217311	0.0464264	0.0728124
0.966377	0.425789	0.871877	0.64737	0.922031	1.47618
2.36291	3.15803	2.29357	2.40073	2.80871	1.78754
0	0	0	0	0	0
224.274	231.78	254.235	259.36	243.369	242.549
0	0	0	0	0	0
5.14252	6.31976	4.71844	3.95483	5.23608	4.16819
4.86286	4.82538	6.70694	5.40973	4.70214	6.4558
0	0	0	0	0	0
3.81689	2.83905	3.42179	2.89855	3.43361	4.40317
0	0	0	0	0	0
0.510085	0.364202	0.51218	0.918436	0.302404	0.617077
20.3627	23.8869	25.2182	23.9613	22.4742	18.556
0	0.0168945	0	0	0	0.0191256
1.04704	0.623841	0.671639	0.662771	0.566873	0.673095
12.3289	8.3882	9.18285	12.6414	6.09861	8.60063
31.7867	28.9338	32.2053	32.0041	31.4958	31.0841
0	0.103166	0.077701	0	0.0744672	0.0778599
12.5321	11.2321	9.79616	12.3902	8.8111	10.4362
0.04588	0	0	0.033296	0	0
8.24972	8.57738	6.96315	7.3405	7.09042	8.66354
3.52018	3.91795	4.77225	3.99511	3.05194	3.67095
0	0	0	0	0	0
85.1937	78.1309	73.8261	75.962	76.6369	60.9808
0	0	0.00953189	0	0	0.0191028
27.6641	28.2055	24.5172	26.1036	23.5538	25.0915
0	0.00380838	0	0.00772034	0	0.0306582
0	0	0	0	0	0
4.938	2.72963	4.19984	3.7417	5.06649	3.61983
7.30499	4.01312	6.05848	4.94206	5.6036	4.11876
15.4818	15.7421	14.2593	14.0679	12.153	12.2322
4.65981	3.33686	3.72874	4.06415	3.47255	3.85858
11.7994	9.71298	12.7948	11.3424	12.3564	12.2526
1.98257	3.40677	2.17112	2.58987	2.03347	1.85417
0	0	0	0	0	0
0.194409	0.100219	0.113222	0.101582	0.128605	0.0252118
16.0674	19.2923	13.8307	13.7607	15.3181	19.9526

1.21175	0.877195	0.738115	0.983403	1.11806	1.01357
0	0	0	0	0	0
0.500483	0.0462076	0.0522024	0.292725	0.398325	0.326936
0	0	0	0	0	0
0.022537	0.016136	0.0546891	0.032711	0	0.0365339
0.128945	0.276967	0.338979	0.093578	0.187426	0.222094
17.3341	15.2099	14.2598	18.0398	20.2422	13.9303
40.8579	46.2753	43.1311	45.246	33.132	47.9137
7.94935	9.71734	8.50808	9.77914	8.75521	9.38981
29.46	25.8044	30.2394	31.4486	24.0361	27.085
0.547623	0.377566	0.492179	0.294385	0.251571	0.476745
2.12184	1.49894	2.26553	1.51932	2.21511	2.27016
8.84853	6.86332	9.15976	7.88358	7.92111	8.97571
0	0	0	0.0768958	0	0
6.55295	4.60899	3.46095	4.78361	3.01809	4.28035
0	0.0636992	0	0.0645655	0	0
11.2745	9.11205	10.1952	10.3321	10.9112	4.46688
7.22571	5.51917	6.34301	6.00502	6.8018	6.72033
19.1842	22.1517	20.8644	16.9094	16.5214	18.7159
0	0	0	0	0	0
0.25155	0.450263	0.305211	0.547664	0.731271	0.254862
0.0600232	0	0.194206	0.304919	0.0930618	0.0486508
0.0997968	0.357263	0.322895	0.217273	0.154728	0.242666
5.12517	7.40343	6.18211	5.6444	5.5066	5.97611
4.53164	3.72973	3.90535	2.98134	3.80848	3.1238
9.2932	9.15953	10.9637	10.3316	15.4661	8.06934
16.5	13.2235	14.818	15.4466	16.2857	17.9857
302.212	682.81	370.378	419.301	289.711	759.702
75.5337	56.1355	62.4657	72.7532	98.4811	45.5578
3.11996	2.29111	1.42361	1.39336	0.496132	1.62105
4.57092	3.50594	4.73033	4.18667	3.93721	5.67893
11.7606	9.84152	11.9747	11.6224	9.83506	11.9274
16.6951	9.69667	13.7832	12.5448	11.1479	5.02956
0	0	0	0	0	0
0.0340469	0.109697	0.146881	0.250176	0.397941	0.279414
0.393696	0.1072	0.160378	0.21792	0.385929	0.715587
0.0814771	0.116672	0.0329526	0.0591294	0.0631623	0.0990599
9.24378	7.497	9.02119	8.29179	7.82378	9.55533
0	0	0	0	0	0
4.30448	1.09359	3.93107	3.12384	2.47576	3.03874
0	0	0	0	0	0
12.6018	13.6138	14.9291	12.1803	8.6452	9.44583
19.2119	16.4179	17.1351	17.8482	20.02	14.613

0	0	0	0	0	0
81.1577	91.7107	81.4755	71.4137	72.0344	74.3659
3.33447	3.65135	4.12511	3.27396	1.82466	2.78219
0	0	4.51558	0	2.16382	0
0	0	0	0	1.82486	0
5.96822	4.0848	3.84945	5.00766	3.04644	3.37877
0	0.0511622	0.115601	0.25929	0.193882	0.115837
32.2851	53.9747	32.4258	25.5385	27.7392	31.8815
2.45135	2.42296	2.35071	2.49436	1.57815	2.25314
0.12249	0	0.09908	0	0	0
12.9059	13.4741	10.0976	13.1465	18.1906	18.2966
0.0438499	0.0313957	0	0.0318227	0.0679862	0.159938
1.61961	2.78306	3.66819	1.09702	0.753326	1.0502
0	0	0	0	0	0
0.0147757	0	0.0119517	0	0	0
13.5387	11.3139	12.4537	13.5057	10.1609	12.3891
147.903	130.288	157.238	147.665	187.149	141.339
61.6052	64.6483	52.4771	60.5445	49.2765	54.7102
25.3814	26.48	33.2242	36.0439	19.9292	26.6577
13.0852	15.6715	12.1745	13.5764	13.2145	13.0366
80.6113	62.1653	77.2747	74.2035	72.7291	75.4865
1.65613	1.50915	1.33961	1.49325	1.47838	1.99319
0.403174	0.428278	0.510137	0.448254	0.750953	0.81678
12.8677	11.473	9.99488	9.51105	8.62619	7.91314
0	0	0	0	0.11207	0.117176
1.91853	2.842	2.1405	2.52857	1.79499	2.55597
25.2326	28.3028	28.906	24.0367	21.2896	27.5171
0.0897844	0	0	0.0868775	0	0
21.1058	17.1014	13.0813	17.4761	12.0434	14.4451
0	0	0	0	0	0
0	0	0	0	0	0
82.1276	85.8186	75.947	81.6699	75.8835	68.0063
0	0	1.81607	1.08624	1.74049	0.606596
1.78087	1.04324	1.22225	1.33158	0.753033	1.13771
19.3811	15.6657	17.5858	16.5572	13.6824	16.2064
0	0	0	0	0	0
0	0	0	0	0	0
9.99204	7.4314	7.45582	8.1227	10.0278	9.35453
55.1927	48.3483	56.1687	44.8917	74.7029	25.0892
0	0	0	0	0	0
62.0192	58.6639	52.1546	71.0808	64.241	51.101
4.25223	3.14441	4.22191	3.84656	3.28107	4.24971
0	0.039067	0	0	0	0

61.9555	59.7916	62.3751	64.558	55.3421	61.2761
1.93772	0.866801	0.966447	2.66907	5.12312	5.21695
0	0.0391249	0	0	0	0
74.5646	91.5911	86.9964	82.7944	88.4897	75.3886
5.976	4.8975	5.0336	6.30534	6.85403	6.36488
3.77024	4.70206	3.35529	3.41808	3.325	3.70548
0	0.244084	0	0	0	0
5.10567	5.52737	2.95915	4.58666	3.84175	4.28963
0	0	0	0.567768	0.606493	0.634124
0.147449	0.105571	0.198781	0.0356688	0.114305	0.0796748
6.03784	5.19171	6.00555	5.47197	5.39728	5.5261
15.7166	13.9603	16.1489	19.2567	17.8447	16.9488
0	0	0	0	0	0
0.747433	0.377751	0.497892	0.60624	0.47717	0.285091
0.708182	2.02818	2.48228	2.14142	1.55548	0.574005
1.36551	2.40343	2.12756	1.53104	1.93413	2.71938
3.36034	3.21921	2.81382	2.97104	2.84347	3.52926
0	0.0552995	0	0	0	0
0.41986	0.581183	0.543386	0.507834	0.455675	0.589872
4.45013	8.37377	8.0472	5.20162	5.75687	5.09627
34.1041	37.3582	36.8022	36.9337	34.3833	40.1176
1.82513	2.12349	1.66085	1.9868	1.94545	2.40392
32.8247	32.6768	30.4074	32.1092	28.53	30.328
26.3733	26.1187	25.6246	25.6902	27.1578	24.7864
1.15534	0.537902	0.775182	0.578014	0.702298	0.742328
3.45561	2.66159	3.26104	4.10367	3.45003	3.09795
135.326	281.134	186.85	121.505	108.322	221.073
16.3941	14.5407	15.3911	16.8735	16.7185	20.5249
0	0	0	0	0	0
1.20714	0.465387	0.713546	0.50541	0.287937	1.05369
0	56.4427	31.8831	28.6051	61.1123	63.8965
0.993304	1.18531	1.19489	1.09053	0.710792	1.77536
12.2665	9.86377	10.2221	11.363	11.2343	12.0468
0.189123	0.333431	0.179769	0.225485	0.103945	0.24287
0.983026	1.09165	0.876288	1.16473	1.15086	1.39842
6.40622	5.02018	3.80975	4.50734	5.98057	5.19245
1.32278	0.710314	0.891642	0.639977	1.62361	2.14432
0.036202	0.0259199	0	0.0525448	0	0.0293429
5.62345	4.6292	5.69164	5.45864	4.73557	6.13131
0.52503	0.375911	0.32476	0.560329	0.622488	0.525685
0	0	0	0	0	0
6.03645	4.69925	4.61154	4.93698	4.82809	5.63045
0.339342	0	0	0	0.263063	0

0.156251	0.0223746	0	0	0	0
0	0	0	0	0	0
0.688222	0.533817	0.765447	0.353781	0.57798	0.302156
18.6237	18.8008	16.3162	21.1157	19.5164	17.3113
5.04782	4.46665	5.19541	5.13591	5.14819	6.06238
1.62418	1.6884	1.65129	0.770094	1.12649	1.4957
21.6658	19.7032	20.1226	18.2012	23.6337	11.7622
0	0	0	0	0	0
33.7218	36.4845	38.7432	36.0289	34.3472	36.9244
8.21175	7.21047	9.10394	7.34917	7.31289	7.31279
11.2509	9.06619	11.7801	10.6167	8.05072	10.0136
0.610315	0.466105	0.378481	0.354333	0.205021	0.24734
9.20401	10.2364	15.5671	11.8393	10.4706	8.71572
0.210494	0.0822052	0.0619142	0.222195	0.148344	0.108571
10.5047	8.06265	8.3905	8.30579	8.41201	9.25022
0	0	0.0681058	0	0	0
77.7861	52.6804	84.4218	75.861	78.6735	85.1873
0	0	0	0	0	0
19.7755	19.4501	19.7597	20.2608	13.6858	19.6892
0	0	0	0.0700773	0	0
0.198129	0.141856	0.320524	0.287571	0.460777	0
1.01446	1.33161	1.23086	2.08593	1.57285	1.50747
4.37978	3.39626	5.95765	3.37645	6.44985	4.22556
0	0.0373811	0	0.0378894	0.283316	0
0.39796	0.552568	0.462418	0.465944	0.443173	0.390963
54.5949	56.592	57.4972	54.9685	67.8088	59.4234
0	0	0	0	0	0
0.185346	0.132704	0	0.134509	0.0957887	0.100153
0	0	0	0	0	0
1.12466	2.7091	2.19639	0.968879	2.72492	2.68882
1.30691	1.4333	1.68543	1.394	1.05089	1.16485
2.84981	1.9597	1.93907	2.19623	1.84945	1.91585
31.6611	36.6769	33.7902	33.1464	29.7707	27.4303
15.5121	11.9534	13.6359	13.1676	15.1318	13.5799
15.7497	17.781	17.6443	19.8224	21.6413	17.1676
33.2291	26.694	32.2364	31.5753	32.2557	32.9185
216.37	366.99	243.426	174.949	188.872	355.395
6.67419	8.43539	7.55932	7.39097	5.39057	6.85053
9.26372	7.20232	8.06021	9.01879	8.85556	7.67746
2.66107	2.09282	2.96863	2.22706	2.26661	2.54447
11.8803	10.6907	11.3689	11.4957	13.1856	10.445
111.245	124.992	119.85	116.451	98.8565	118.678
60.761	113.333	59.2536	35.7845	34.1532	39.4681

133.133	126.224	129.104	127.195	144.808	100.977
28.6141	33.7131	34.4965	32.3173	29.5381	26.3499
0	0	0	0	0	0
3.01237	2.30058	2.43664	2.91484	2.33523	1.9533
6.75609	6.81205	9.54137	8.84604	8.28487	7.96774
0.669155	0.478918	0.416198	0.485618	0.877644	0.625574
1.05583	1.12803	1.28773	1.18527	0.812102	1.09648
2.6563	1.82684	2.61777	1.9328	1.9886	1.66559
10.625	7.6683	9.05078	9.98837	7.38762	6.94111
0.0344125	0.0492774	0	0	0	0
11.3836	12.0091	13.3226	13.1103	12.3898	11.3106
0	0	0	0	0	0
20.693	17.1378	20.0223	20.6018	17.2436	19.7524
11.4973	9.73611	10.0552	12.0286	10.7226	11.5895
0.0954169	0.0326239	0.0924647	0.0783845	0.11797	0.169444
1.74072	0.699691	1.0375	2.06113	3.81157	3.19312
2.52677	1.42468	2.1205	2.31508	2.17916	2.07364
7.38738	6.41297	6.45278	6.65434	7.11734	6.15989
0.0411016	0	0.0664925	0.0596563	0.0955877	0.0333142
20.3103	19.9016	22.1894	20.4804	22.4792	18.7437
52.5931	59.4841	41.8937	49.8374	41.6621	55.0109
2.73257	4.30424	3.80176	3.25225	2.82445	3.69141
702.725	672.961	636.315	693.205	767.492	671.316
7.61381	11.9605	12.0944	8.76405	8.43366	14.6594
1.75235	1.74666	1.62172	1.03794	1.47814	1.32154
0	0	0	0	49.0182	0
1.32968	0.511732	1.12017	0.677154	0.74476	0.552163
10.7683	7.75793	11.0222	9.75183	9.49214	11.1628
17.3534	13.0094	57.9639	38.0774	135.001	127.748
9.11892	7.26496	8.58311	8.64721	7.94313	8.14375
0	0	0	0	0	0
46.4191	46.0665	45.749	49.6269	44.3592	45.4774
20.5284	20.937	15.7693	22.2079	17.4776	17.09
0	0	0	0	0	0
26.3095	35.3087	29.7225	30.8373	29.3352	27.9962
0.225989	6.54119	3.9194	1.59198	3.15854	2.61908
27.4588	19.5086	23.0247	26.3271	22.7706	25.9609
3.82E-12	3.83E-13	5.30E-17	2.43E-10	5.25E-14	6.86E-29
0	0	0	0	0	0
3.19174	2.49997	2.78341	3.16847	3.70074	3.35295
14.0364	11.9721	13.6398	13.8953	13.1086	13.744
10.3123	16.1105	4.7756	4.43829	6.12792	3.37708
17.7603	17.9016	11.9997	13.8286	14.1845	15.7854

24.2648	24.0488	25.4053	24.6144	22.3529	23.3174
0	0.00945903	0.00610648	0.0118704	0.00585234	0.0210594
0.266561	0.199151	0.140619	0.21027	0.206642	0.187876
82.2667	69.9004	70.992	75.3865	67.7174	69.3653
34.8469	24.6768	30.1179	29.3474	32.1105	34.558
7.91324	7.49793	8.34341	8.0856	8.9728	6.63732
0	0	0	0	0	0
0.789358	1.50711	2.55398	2.86426	2.85564	1.9194
0	0	0	0	0	0
75.0953	94.3788	97.8472	105.059	87.3703	106.743
75.6206	69.0365	72.3326	76.9552	89.1855	61.0484
20.2571	22.8023	18.1967	20.9139	18.6646	18.2339
0	0	0	0	0	0
1.43516	0.553293	1.07157	0.721051	0.684649	0.17896
71.2599	77.4029	82.8025	75.6667	72.5646	88.4964
0.103144	0.369247	0.166863	0.149708	0.0799592	0.250806
1.47463	1.338	1.48165	1.79919	1.13601	1.59278
19.2292	15.0102	13.0503	16.2695	15.5249	12.9629
2.7623	3.16441	3.42603	2.00465	3.7831	2.01505
3.87868	2.13239	3.30546	2.96562	2.14772	2.63855
0	0	0.186267	0	0.357029	0
0.855483	0.670449	0.75744	0.914479	0.681107	0.674657
33.7625	31.6998	30.0857	31.992	27.6064	23.016
0	0	0	0	0	0
0	0.0520311	0.0587822	0	0.253516	0.946662
8.21882	5.33161	5.96762	5.39411	6.13617	5.05211
4.62159	5.00535	5.29049	4.49133	5.22706	4.06188
3.95105	3.88369	3.97831	3.78686	4.60335	3.6568
0	0.0314418	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.429606
43.8012	46.0639	42.247	30.1334	27.2563	26.6123
5.98406	5.26439	6.51388	5.70558	5.74928	5.98541
3.81628	1.60729	1.90662	3.09537	5.30779	0.63684
11.0441	6.71326	11.4617	10.66	10.6608	9.71132
2.35889	1.81719	1.3284	2.25363	1.34255	1.74255
38.082	39.9175	41.1179	44.4655	40.0984	38.8872
0.170525	0.123345	0.150018	0.0829252	0.0218063	0.0349085
0.115043	0.247106	0	0	0.0891833	0
0.377274	0.213652	0.761788	0.590219	0.00018077	0.845929
1.67323	1.66174	0.982335	1.07719	0.627635	0.503109
0	0	0	0	0	0
105.813	96.2696	99.0667	104.155	131.426	98.0847

0.0787452	0.0563801	0.0424636	0.152392	0.0813927	0.0212752
0	0.221568	0	0	0	0.250829
106.712	90.6754	103.146	102.208	100.276	98.5882
11.0097	12.4423	11.5073	7.84893	9.97409	8.88872
0.157884	0.0565208	0.0638544	0.076386	0.0815958	0.12797
26.9984	24.667	25.076	21.6208	23.5795	26.384
16.6823	17.8737	19.2033	20.5982	14.7066	13.841
0	0	0	0	0	0
0.554452	0.257717	0.199032	0.233331	0.642526	0.488492
0.0532256	0.0381085	0	0	0.165046	0.172566
126.243	105.004	111.081	117.171	142.423	123.187
45.8814	45.2187	40.9218	49.8054	42.0243	51.6255
0	0	0	0	0	0
2.98511	2.16826	2.4146	1.93027	1.84456	2.33146
7.58875	6.62716	6.07351	6.5269	4.46526	4.75026
9.12919	6.05716	7.70366	7.72111	8.28764	6.94053
1.84544	1.51809	1.01633	1.82368	1.06535	1.14571
15.559	13.8608	17.8341	16.2347	18.7038	18.0158
2485.52	2324.13	2302.76	2428.25	2826.11	2149.19
6.58433	5.83074	5.84794	7.94473	8.06146	8.66477
0	0	0	0	0	0
0	0	0	0	0	0
4.25031	3.17179	4.10599	3.30343	3.91136	4.48481
7.82832	7.28112	7.32016	7.82114	6.68585	6.39094
40.1582	21.7808	31.6645	43.3714	31.5112	39.4124
0.135081	0.0791305	0.0595985	0.0802067	0.0666378	0.109487
0	0	0	0	0	0
249.606	244.746	273.442	283.99	285.336	266.092
0.00433845	0.0453635	0	0.0462654	0.0056054	0.0138314
5.32E-12	0.0220994	8.89E-11	0.0466873	0.02459	0.0259887
34.5594	31.2723	29.8648	27.5754	36.1771	31.2828
34.4157	26.4799	29.8128	30.2218	27.6659	32.3101
0	0	0	0	0	0
2.22562	2.88443	1.86862	2.00363	1.85637	2.21496
47.9123	41.5829	49.7808	50.5733	49.4988	42.5847
1.59228	3.16679	3.00526	2.3432	1.33723	2.6529
0	0	0	0	0	0
9.39884	7.59842	7.7863	9.19162	8.21529	9.11017
0.224437	0.300985	0.136015	0.315332	0.358475	0.421614
7.203	6.46995	7.69785	6.84307	4.12868	5.73212
4.38962	2.709	3.30629	4.01791	2.72808	1.67507
0.479475	0.171647	0.581756	0.289969	0.433645	0.38863
44.3182	56.4233	58.6528	53.0845	59.7686	36.337



1.60878	1.15185	0.984774	1.46729	1.0112	0.951545
2.50219	2.17887	3.17271	1.93858	2.22807	2.60365
3.3256	1.94551	2.03391	2.42081	1.57199	2.29283
3.51319	2.03626	3.92432	3.97614	3.43677	3.45775
11.1375	10.4212	10.2924	9.76567	9.58017	10.7091
6.36806	6.32381	6.84626	6.3931	6.92733	7.0376
0	0.162017	0.091519	0.136851	0	0.0687797
134.644	159.004	120.423	110.157	124.749	119.589
1.22495	0.146173	0.495418	0	0.474799	0.165477
24.2675	20.6167	23.2429	25.2342	20.5441	25.5412
5.37145	3.84586	4.65246	3.89816	4.93788	4.89315
11.9362	10.0036	10.2955	10.3045	12.0441	10.8777
0	0.0142689	0.0322407	0	0.0926966	0
0	0.0190417	0.0959865	0.0792676	0.0211681	0.0221325
42.2769	51.751	55.4571	44.897	55.8883	40.2962
0	0	0	0	0	0
0	0	0.0498171	0.067043	0.0716157	0.049919
9.63655	8.23407	8.82964	8.68999	10.1627	9.16505
10.0866	7.88293	9.72665	9.77347	10.8541	9.29155
12.8841	10.4937	12.8462	11.9591	11.4081	12.158
304.374	312.943	314.845	320.883	268.756	296.913
4.19416	4.78163	4.55179	4.29794	4.34606	4.06576
20.7077	21.2054	21.3938	22.3818	20.6258	22.0635
1.44518	1.19817	1.39628	1.62311	1.96597	1.5419
9.08083	8.46854	9.48755	9.18173	8.25238	9.22124
0.0271641	0.0119891	0	0.0259246	0.0432699	0
11.9212	7.91952	9.98255	10.7417	8.49719	9.90569
19.631	20.2676	18.7021	18.8196	20.1783	18.4653
0.0802587	0.339231	0.0682603	0.326631	0.568857	0.289901
10.6597	8.88524	9.92764	8.27362	7.18551	9.74348
0.154574	0	0.19378	0.15454	0.185715	0.0191777
0	0.0337947	0.0763592	0	0	0.0382576
0	0	0	0	0	0
0	0	0	0	0	0
44.3393	43.7119	49.9353	52.227	64.5145	40.0161
1.57088	1.36923	1.30755	1.48703	1.07658	1.42094
0.0295249	0.105696	0.286585	0.0642803	0.160217	0.167517
7.49159	7.29754	6.77772	8.03615	6.32994	6.52079
5.59997	4.44096	4.91344	5.17778	5.52702	5.15175
18.0794	16.7887	17.2182	17.4676	15.082	14.462
29.6899	23.7043	16.0433	19.2878	16.6766	16.2245
23.5044	15.9789	18.7657	19.1103	27.6781	17.4836
167.724	60.0436	33.9172	0	32.5056	101.96

0	0	0	0	0	0
0.159926	0.124319	0.170017	0.149222	0.152315	0.211104
0.123995	0.0887783	0.100297	0.179971	0	0.301507
6.9831	7.82792	7.89412	4.94362	2.34014	3.72113
7.21849	8.06431	9.46094	8.07923	7.16335	8.66027
71.003	84.6262	72.5505	76.3013	65.2639	63.0495
0	0	0	0	0	0
0	0	0	0	0	0
5.34206	4.04134	5.51688	5.75431	4.81843	5.14688
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.5432	0.71295	0.773571	0.774002	0.421097	0.34053
3.6235	3.33241	3.23418	2.38028	2.63948	3.31675
0	0.115054	0.0649914	0.116619	0	0.195373
0	0	0	0	0	0
0.0924132	0.0211732	0.0119602	0.0214611	0.0515809	0.0119846
21.4926	20.6181	20.5912	20.265	22.5335	18.248
0.442241	1.39062	1.45718	2.12307	0.548531	0.358451
54.6215	53.6867	65.0133	58.4357	57.6969	48.0318
3.5763	3.97134	2.99639	3.24602	3.10081	2.61922
0	0.0476233	0	0	0	0
64.6956	53.2869	47.3007	39.4532	43.1161	39.9179
55.4522	58.5334	57.0331	53.1114	75.7135	40.7312
21.7748	21.2822	18.907	22.631	17.9059	18.5803
0.415208	0.14864	0.50378	1.05463	0.321876	0.50481
17.1922	15.6779	16.5704	16.3606	16.6558	20.6243
19.8545	17.1408	17.4533	19.3452	15.7853	19.9056
0	0	0	0	0	0
15.9967	14.1962	17.769	16.3554	16.6416	16.8962
3.23126	1.77735	1.4248	2.22476	2.22757	2.11009
2.67412	1.97323	2.31754	2.39611	2.66531	3.38389
0	0	0	0	0	0
25.0015	14.3205	16.1786	25.4017	15.5053	12.1588
16.2002	14.3995	14.8821	15.0409	17.6404	16.3172
52.0034	46.2183	45.2453	52.4391	41.6924	47.6346
27.5104	26.8488	27.4108	26.1858	24.6721	24.5832
0.276521	0	0.0248525	0.178379	0.0476364	0.116907
4.2204	3.25123	3.65147	3.80914	3.32349	2.66301
8.06377	7.01477	8.60187	8.31115	7.31175	7.61036
0.47382	0.358093	0.319386	0.22924	0.612187	0.213359
0.302762	0.289029	0.0816326	0.10986	0.15647	0.122699
23.4123	30.6648	24.6144	27.0309	21.7125	23.5144

22.557	23.6312	22.5726	22.1836	23.4511	24.2083
0.535524	0.500285	0.627945	0.462729	0.145278	0.518133
16.155	15.2458	17.5694	14.6813	11.8966	15.6855
4.47399	4.87309	3.05427	3.61529	2.3614	3.70348
0.147351	0.140667	0.0794593	0.07129	0.114229	0.199054
5.71076	4.45308	5.05215	4.93381	5.45393	6.34944
15.3382	13.6396	12.4243	13.0315	12.7074	13.6252
0	0	0	0	0	0
1.37774	1.05008	0.647086	0.967598	0.723515	1.33284
101.596	107.791	102.194	95.9442	82.7286	102.22
0	0	0	0	0	0
1.90328	2.45288	3.46393	3.31498	3.46731	3.23961
43.5869	41.8767	46.5882	39.5344	46.2235	38.1196
6.54637	3.49968	5.22462	3.67396	4.66886	3.67886
0.0877886	0.0628549	0.142021	0.111492	0.0170138	0.0711556
0.382293	0.371905	0.201945	0.148923	0.212108	0.544348
65.8947	87.5211	67.2913	79.1626	69.0973	63.9887
20.8015	17.914	16.6739	19.5369	20.157	16.3017
8.91903	6.26904	7.83026	7.83426	7.79148	7.75253
10.5631	16.0907	9.03264	15.1624	9.83846	12.3653
4.97438	5.70863	3.52983	5.12951	4.35722	5.86743
1.41356	0.933876	1.2777	1.18601	1.35128	0.890896
32.2519	31.7657	28.6897	33.8585	30.1984	30.9456
0.20059	0.124469	0.205521	0.116457	0.1866	0.0758729
33.8022	37.7577	31.7111	35.7858	30.4346	32.2274
7.3076	9.7449	8.36895	5.26589	8.20507	9.7343
20.655	23.682	16.847	16.2645	15.5744	14.6823
183.616	142.478	160.651	142.188	198.034	193.268
0.827617	0.836145	0.910806	0.689483	0.418992	0.946567
0.297315	0.516975	0.377917	0.277415	0.197557	0.240984
4.11994	4.18531	4.02904	3.37474	3.09375	3.75679
83.1693	92.2546	72.7038	77.7292	77.3896	88.4959
0.472771	0.255777	0.269284	0.0400282	0.018325	0.0899449
0	0	0	0	0	0
0	0	0	0.0247377	0	0
0.241316	0.302361	0.390392	0.262691	0.23384	0.220044
0.370778	1.19E-05	3.10915	0.334969	0.00029344	3.57408
5.67194	5.94602	5.47406	5.82171	5.10926	5.81466
40.2738	39.3894	35.8313	39.6795	36.0017	38.3124
15.1501	10.2404	14.311	13.1696	16.5834	11.2577
8.31596	7.29412	8.00919	7.65648	8.6307	8.82491
4.08E-08	6.34E-08	3.54E-08	1.17E-08	4.41E-08	6.18E-09
0	0	0	0	0	0

0.277964	0.265356	0.149893	0.134482	0.215482	0.225299
0	0	0	0	0	0
0.729431	0.25915	1.23526	0.791513	0.881144	0.832369
0.247064	0.0707574	0.119907	0.107579	0.0383056	0.240305
0	0	0	0	0	0
3.65167	1.63176	3.43558	2.98839	2.20845	2.83385
11.4127	13.29	15.2797	13.3994	15.737	13.8755
18.1289	15.0667	18.0695	16.6346	13.9254	17.6811
12.0629	9.03683	8.56347	9.5783	6.91605	10.3099
15.2573	23.3845	24.9306	22.145	27.6507	15.8812
9.57071	8.4534	13.984	10.4817	9.059	9.87618
20.6575	19.6914	23.8716	19.6034	21.97	21.2074
3.34004	1.27138	2.56489	2.79212	2.85145	3.42685
0.119947	0.0560847	0.113405	0.0767442	0.12651	0.203173
0	0	0	0	0	0
3.96051	4.07493	4.7935	4.49229	3.95721	4.32773
0.942532	0.417942	0.429449	0.433237	0.488533	0.349577
0.211203	0.252028	0.256256	0.204365	0.109152	0.114125
4.7077	4.74258	2.60243	6.31788	6.80381	4.21842
28.2898	26.6842	31.0249	27.2207	26.7871	25.3537
10.2338	8.14386	11.8775	10.1667	8.43153	11.1726
0.2866	0	0	0.0693304	0	0
67.0477	70.0058	67.5895	71.9995	75.1252	66.642
0.404979	0.275459	0.196547	0.26451	0.188367	0.114887
4.07275	1.80994	3.40796	1.52879	1.41532	1.8213
80.8986	80.1894	73.7238	70.6115	69.0529	58.906
54.3397	57.1373	53.8333	57.1987	56.317	49.5369
0.478667	0.20393	0.127994	0.206703	0.191668	0.128256
0.89791	1.21813	0.801248	1.302	0.624269	0.752821
1.9095	0.69479	1.82308	2.06734	1.74721	2.30889
76.7846	75.1985	71.6299	67.1835	61.1778	59.6771
52.8144	47.6463	45.3652	46.1727	44.7594	44.9279
0.14435	0.103352	0.175143	0.314272	0.34024	0.234001
11.5399	11.6982	9.7724	9.67081	11.6805	9.70937
7.04972	8.50533	7.37339	6.9043	5.56734	7.66082
190.113	189.307	193.78	213.661	220.469	181.121
0	0	0	0	0	0
0	0	0.149057	0	0	0
0	0	0	0	0	0
0.266926	0.573342	0.431823	0.193713	0.206925	0
3.50924	3.6256	3.50606	2.9057	2.45883	2.52982
0	0.104946	0	0.106373	0.227257	0
2.48698	2.67853	2.66607	2.9346	1.13467	1.22625

3.81884	3.24827	3.06027	2.96147	1.68702	2.10322
55.2618	43.3541	50.1224	52.9033	38.8817	45.234
0	0	0	0	0	0
15.9691	18.8589	22.8092	20.7352	17.1526	12.7849
0.77516	1.03799	1.33092	1.05614	0.690237	0.858765
0	0	0	0	0	0
0.11515	0	0.192172	0.242463	0.105721	0.25266
34.7239	29.4843	38.0723	28.9049	28.6432	32.939
1.60392	1.24823	1.09995	1.16399	1.00011	0.904369
1.59249	0.656474	0.644066	0.525317	1.08488	0.684497
107.449	78.1872	91.1892	101.558	120.416	84.1944
11.6581	12.3787	11.4228	11.1104	8.04853	8.87876
611.501	585.575	566.987	617.674	660.397	538.426
0	0	0	0	0	0
23.4057	35.917	30.2622	36.5412	37.6635	37.2553
0.848007	0.659199	0.60101	0.580248	0.513389	0.759345
0	0.0209382	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0978036	0.179	0.0634456	0.0169432	0
0	0	0	0	0	0
0	0	0	0	0	0
16.5154	14.9482	11.9306	12.8901	11.3536	12.4602
0	0.226293	0.170436	0	0.0816715	0.170785
14.5587	14.4564	13.739	16.0404	15.0653	13.6419
4.58317	3.26083	3.71009	4.4941	4.02324	4.60265
6.48056	6.95993	6.32654	5.91937	4.93721	5.70553
15.8308	17.4252	21.1396	15.7639	16.4335	15.0621
12.2508	11.3308	10.606	13.4321	12.0962	10.2474
4.33304	2.71083	3.93696	3.42684	3.70942	4.24426
0.818897	0.586315	0	0.594289	0.158705	0.497808
26.4862	21.2351	23.8962	22.9391	26.7374	25.6436
0	0	0	0	0	0
0	0	0	0	0	0
22.4978	20.3069	23.0283	21.8666	20.315	22.3843
56.7363	84.0609	64.5413	76.3308	72.9965	57.6465
0	0	0	0	0	0
10.1488	6.46667	5.68975	8.10776	6.91858	7.7347
52.4429	55.3798	57.1858	56.0072	52.4428	50.0592
0	0	0	0	0	0
2.52941	1.65808	2.23695	2.39857	2.00441	2.32353
3.25475	2.63465	1.55456	2.05244	1.36593	2.11945
0	0	0	0	0	0

0	0.132261	0.149422	0	0.0954689	0
0	0	0	0	0	0
2.59728	1.60513	2.73116	2.63885	2.37376	2.7589
0.256021	0.458265	0.55224	0.371597	0.297707	0.518783
3.68692	2.15723	2.50126	2.2441	2.48936	3.24544
3.93783	4.17467	4.00144	3.34	4.32977	4.08767
13.7324	9.13146	10.7981	10.6419	8.96979	7.58577
21.7682	22.5329	18.2924	20.0969	15.4408	18.6329
2.92991	3.40963	3.46541	3.66975	1.92082	3.19123
6.4185	5.77669	6.72459	6.52297	7.65274	6.74096
6.78975	6.10916	5.78579	6.37672	6.47385	5.09131
7.20829	6.27328	6.82855	6.49782	5.34761	5.9902
2.51885	1.60479	2.64939	1.73608	1.00224	1.38431
0	0	0	0	0	0
7.12051	6.7121	4.54463	5.88523	4.89629	7.48304
0.467198	0.195128	0.409399	0.056509	0.150908	0.315566
3.72702	2.86493	3.5326	3.81656	2.26889	5.67111
1.43235	1.39846	1.57991	1.27573	1.00944	1.53037
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
14.642	13.9902	13.4635	14.6363	10.5639	9.23672
34.8645	36.1705	38.5309	35.3637	33.1649	34.9115
1.16993	0.837645	0.157722	0.70753	1.20926	1.10631
1.44744	1.31492	1.45637	1.45352	0.773391	1.47041
23.8431	18.4485	26.8113	25.855	29.2528	28.371
1.7792	1.48504	1.5361	1.44368	1.57713	1.51182
0.205781	0.331504	0.041613	0.186674	0.239287	0.125094
14.1768	14.2577	14.1056	13.5992	12.4087	13.3236
6.13433	2.57096	4.2358	3.25741	3.3056	5.27525
0.761945	0.591	0.642002	0.599037	0.590672	0.874908
0.712694	0.717575	0.66656	0.888963	0.431634	0.722078
0	0	0	0	0	0
5.54456	3.60774	3.85184	4.65035	3.56714	3.96277
8.91857	8.24346	7.43505	7.98986	10.1641	7.87562
43.1367	50.3239	52.0599	44.2072	46.9018	47.0279
0.199378	0.104318	0.0744337	0.0779113	0.0594466	0.0870169
0.0570974	0	0.0923699	0.0414366	0.0442628	0.0462794
0.717983	0.541198	0.581385	0.723417	0.221254	0.32768
0	0	0	0	0	0
0	0	0	0	0	14.1266
96.0245	92.8182	94.1128	95.1031	77.6738	85.509
41.0797	39.7426	43.8513	44.0632	38.73	41.0899

24.5727	20.0467	23.0375	25.7585	28.0134	22.911
12.8494	8.78992	12.3195	12.4826	11.3634	13.6153
5.34673	4.64133	4.40966	4.603	4.32096	3.89467
0.633456	1.02644	0.916908	0.82264	0.74952	0.864737
2.24459	1.86769	1.76653	1.89309	1.36382	1.42595
0.291456	0.280288	4.00E-84	4.46E-64	0.385978	3.03E-48
22.3428	20.8797	20.5148	23.9188	20.1916	17.6135
6.79683	6.65292	6.31776	8.25241	6.36714	6.73096
18.5466	20.6687	19.7141	21.6244	17.0524	16.9198
2.99581	2.47422	2.36084	3.41749	2.05433	2.90416
1.53349	1.48223	0.744244	1.05723	1.18878	0.994354
6.64145	7.41277	7.84122	6.65125	6.54111	9.21705
0	0	0	0	0	0.0130425
107.564	102.778	44.6077	57.9622	56.6614	48.6115
3.68518	4.4166	2.72488	3.40326	4.22047	2.90109
0.128651	0.0921119	0.182111	0.0233411	0.124666	0.234621
397.563	548.265	406.518	332.782	338.183	321.545
0	0	0	0	0	0
1.08666	0.9077	1.17197	0.788609	1.40399	1.02757
43.5898	49.6751	48.0213	44.9722	40.6019	44.3114
0	0	0	0	0	0
25.8701	26.4831	27.9343	26.8219	29.0393	30.9405
49.4664	48.4896	53.198	52.0482	50.6099	50.5034
445.49	467.027	323.249	408.287	439.7	424.433
17.6772	17.4407	17.428	14.4788	15.3538	16.3824
0.357369	0.266236	0.306212	0.296964	0.406401	0.402607
32.2652	33.9053	37.1538	32.5779	30.5952	31.3589
6.66535	7.09874	7.78393	7.67903	6.62032	7.9349
1.7593	1.1028	2.30588	2.56016	1.72918	2.2067
3.60932	2.34723	2.64556	1.48852	2.21604	2.46755
0.141242	0	0	0	0	0
0	0	0	0	0	0
0.858115	0.525647	0.697316	0.754884	0.603607	0.820102
15.7941	12.1119	12.7106	8.90198	12.9896	9.09759
0	0	0	0	0	0
1.41065	1.24006	0.972342	0.648097	0.539695	0.738306
0.108291	0	0	0.0785884	0	0.175546
0.196012	0	0	0	0	0.0529582
0.00015801	0.00010787	1.34742	3.73E-08	8.20E-07	2.95E-05
0	82.3426	0	0	0	0
35.4313	27.3734	34.1662	41.39	36.9169	43.3598
0	0	0	0	0	0
82.6389	80.966	91.9205	88.4097	95.286	93.2712

2.44299	0.878498	2.14896	3.90904	1.39278	2.27149
46.5131	44.9527	46.1454	49.6438	45.8149	50.5989
0.523982	0.640538	0.447358	0.487704	0.607211	0.335073
14.296	16.7792	14.7245	14.5065	13.6161	12.3542
0.602128	0.627072	0.61988	1.00637	0.339475	1.5085
11.8503	9.59303	9.14149	9.63157	7.69182	9.57085
14.4565	12.0894	16.0992	15.0416	14.533	13.3267
25.0139	20.9539	24.4462	23.4861	21.1695	24.5635
5.49175	4.54191	5.29336	6.27839	4.72025	5.63577
0.502672	0.44988	0.508252	0.501598	0.340969	0.56022
8.40189	8.47927	8.45181	6.14043	7.34035	7.73071
1.84468	1.60054	1.76357	1.58833	0.938621	2.0078
0	0	0	0	0	0
0.049948	0	0.0404019	0.0362482	0	0
0.288388	0.536848	0.279925	0.209288	0.223563	1.26224
23.1884	21.0375	23.3737	23.7479	21.169	20.1093
16.0539	14.6191	15.3711	14.1798	14.3034	15.4705
5.67528	5.41202	4.28392	5.58326	5.06329	6.20604
40.2308	41.0896	45.0084	39.24	44.4368	41.9125
20.9859	20.133	20.2568	23.1352	21.3987	18.6839
4.49299	3.81862	3.96294	3.05597	2.9124	3.18009
0	0	0	0	0	0
11.6762	11.5968	13.7689	10.0132	11.7437	10.1571
0.462335	0	0.186987	0.754931	0	0.281054
0	0	0	0	0	0
16.1754	18.1849	15.6895	14.4632	9.57522	11.6268
0.392397	0.856627	0.7446	0.84106	0.514378	2.81487
13.3101	10.6221	12.1067	13.0955	13.9275	13.3681
0	0	0	0	0	0
0	0	0	0	0	0
5.86056	6.64822	7.69202	5.7945	5.6751	6.75689
24.3527	18.1064	36.3536	25.5069	24.0385	25.2952
122.002	74.8721	112.782	50.5936	81.0664	84.7597
4.90105	3.04119	4.15524	3.38553	4.12302	3.75178
63.5444	93.4268	244.628	158.524	266.84	35.7546
8.17641	7.08977	9.82573	10.603	7.58539	9.1668
15.941	13.503	18.8544	19.2711	20.6957	21.8207
17.3713	12.8273	15.7988	16.01	15.9038	15.0623
41.4999	46.6438	43.4491	38.3209	32.6231	35.5527
21.9892	21.6732	19.5963	33.0533	20.6912	21.0516
7.37719	5.62148	6.13775	3.05929	5.06532	3.71581
0.61725	0.961868	0.117478	0.39525	0.168883	0.147148
2.40673	2.63751	2.10567	2.24564	2.09419	1.51281



2.04456	1.62582	1.89297	2.60665	2.36122	1.04294
0	0.0347733	0	0	0	0
11.6111	7.04341	8.92704	9.28453	9.765	9.7573
0.129361	0.0926203	0.209276	0	0.200566	0.104852
0	0	0.0257465	0	0	0.0515984
7.40872	8.53988	8.84039	10.372	7.33195	7.19751
3.92939	4.33778	4.07451	4.01991	4.20686	4.66166
2.08852	1.02437	1.9421	1.46794	0.854146	0.853072
110.3	22.4454	49.9173	141.698	49.4016	0
1.25692	1.37862	0.930172	1.9602	0.808533	0.823693
0	0	0	0	0	0
0	0	0	0	0	0
0.0295013	0.169733	0.144371	0.0792949	0.200474	0.0747244
5.29823	5.83952	5.20548	5.67251	5.01937	5.02547
3.66965	4.19701	2.19732	3.07816	2.10587	1.93141
584.518	474.373	509.085	585.69	480.883	581.922
0.801118	0.286793	0.324004	0.290693	0.15526	0
0.966531	0.546309	0.909479	0.55489	0.371628	0.72505
723.524	927.896	762.231	698.841	676.776	684.372
5.00871	5.71395	4.88335	6.21674	3.38453	4.74868
1.55651	2.0835	1.69695	2.01361	3.4625	1.64557
10.0246	9.05827	8.10867	7.74781	7.72233	9.06213
56.3176	50.4285	53.9857	55.6628	47.1117	52.5678
8.2803	6.9458	8.35367	7.15113	7.8402	8.5565
583.239	1136.37	800.707	761.031	647.664	1667.26
0.931894	1.48841	0.75379	0.884382	0.889131	0.697229
0.148166	0.0909292	0.154091	0.138249	0.049226	0.154406
0.388675	0.834852	0.392989	0.775688	0.903921	1.10262
55.5502	54.4074	60.965	59.379	58.0863	52.4064
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
23.4133	19.1522	21.8521	23.8051	24.7879	23.3327
0	0	0	0	0	0
0	0	0	0	0	0
1.2767	1.1508	1.21493	1.78019	1.37721	1.21504
1.61929	2.31876	1.83374	2.17402	1.2553	2.03436
11.4081	8.9567	8.91385	8.71179	8.64847	9.36981
1.76945	1.57402	1.89969	1.62656	1.44653	1.61674
11.8988	9.088	10.9877	12.1112	11.6917	12.1742
0	0	0	0	0	0
7.14657	7.06457	7.91045	7.59232	8.022	8.52219
2.11912	0.785714	1.79476	1.99702	2.14515	2.00045

22.4699	18.2111	19.2082	20.0308	15.861	19.0271
0.319182	0.495885	0.268077	0.132529	0.188594	0.166897
41.228	35.5372	38.2631	38.9954	28.631	38.1324
0	0	0	0	0	0
99.9543	108.53	68.3748	101.443	83.7612	73.7373
2.64793	1.71435	1.69754	2.0852	1.49586	1.66676
0	0.501122	0	0.113018	0.64433	0.568394
3.0033	2.87397	3.15343	2.57774	2.12673	3.37054
0	0	0	0	0	0
0	0	0	0	0	0
33.2395	31.5439	33.7873	34.1492	36.8706	28.0818
0	0	0	0	0	0
0.0212997	0.0169446	0	0	0	0
2.32943	1.99286	2.90768	2.55066	2.56281	3.16439
0.0872084	0.0624395	0.100773	0.126577	0.0869211	0.0908811
0.243423	0.567262	0.206228	0.428418	0.300127	0.742558
0.186397	0.0667282	0.100515	0.157817	0.0240829	0.226621
2.49122	2.65671	2.68031	2.58635	1.89927	1.87733
15.7203	16.6993	17.9102	17.8957	15.8108	16.7393
1.27131	1.27131	1.6859	1.6859	1.34792	1.34792
1.9898	1.48104	1.45214	2.4913	1.81561	1.58177
0	0	0.0949409	0	0	0.0475675
0	0	0	0	0	0
24.9949	22.886	25.4711	25.1094	25.854	23.7769
1021.87	1103.78	1126.97	1101.61	1122.56	993.884
50.2716	44.7283	47.7595	43.9714	47.5858	44.0119
6.92713	5.73128	6.42551	6.60963	4.58295	5.90941
2.62375	2.91596	1.39375	2.58617	2.30719	3.61846
7.89809	5.38538	5.97978	6.43716	6.53549	5.70978
21.6551	17.2109	18.1449	22.8589	20.8838	20.6175
9.00802	7.71346	7.91635	8.21399	8.19062	8.66898
0	0.00425891	0.0252604	0.013598	0.0166005	0
134.841	224.015	190.686	146.656	280.84	210.681
0	0.175693	0.396979	0.534248	0.190229	0.198895
15.6317	16.898	19.9445	17.3441	14.2918	17.2839
25.5009	25.3287	24.5994	25.8546	23.9356	22.4641
199.873	134.64	189.02	170.427	128.425	185.67
2.65651	2.04991	2.65007	4.24091	4.85046	5.23889
0.479382	0.343229	0.560102	0.463862	0.412916	0.60442
4.0479	3.20985	3.13343	2.93763	3.3067	2.96344
0	0	0	0	0	0
22.0235	24.7989	20.9963	22.0589	17.657	22.9542
0	0	0	0	0	0

46.9382	54.2318	51.3258	51.2981	55.7823	33.0137
55.5868	52.8749	43.9137	42.151	39.1462	52.4159
104.013	128.213	119.304	110.104	114.499	116.5
3.01269	3.10073	2.63273	4.07991	4.0871	4.20789
0	0	0	0	0	0
12.5825	11.6973	11.2845	10.5063	10.4898	9.5736
225.907	233.702	216.61	234.591	272.986	204.63
5.42361	4.0054	4.63248	4.85809	5.04242	5.4566
139.657	151.349	148.815	152.782	182.616	114.437
7.69322	5.18355	5.16045	4.8682	3.64865	3.66279
0	0	0	0	0	0
10.6937	7.70966	9.7612	10.59	10.017	10.684
1.52329	4.77319	0.0181275	6.26624	9.80543	6.10818
0.354345	0.253704	0.0701932	0.699739	0.454085	0.175842
59.2984	90.8177	61.0533	60.0458	50.6945	59.2163
0.0698521	0.200051	0	0	0.0541505	0.0566175
14.7135	14.3676	15.9163	13.611	17.0679	11.9257
0	0	0	0	0	0
0	0	0	0	0	0
37.0333	33.3942	38.684	38.7135	41.7153	37.8914
11.2315	9.6631	9.02869	10.827	10.4791	10.4999
5.10508	3.35574	3.50928	3.237	2.95802	3.40348
0.437969	0.48462	0.257647	0.549	0.339521	0.516347
7.38803	7.70972	8.48596	7.76095	7.21641	7.53022
0	0	0	0	0	0
18.2205	17.1986	21.1422	20.6515	24.1232	22.5673
27.1169	19.8155	23.1686	26.4757	24.6966	25.1137
13.4253	11.281	13.9305	13.9448	14.2255	14.0444
0	0.0348799	0.0394056	0.0589238	0.0629427	0.0263241
4.78256	3.73551	2.1101	5.04842	1.68523	2.11441
12.8203	13.5363	12.0347	15.3883	8.99545	11.2361
64.6287	65.8738	64.8906	67.1679	60.9139	57.9545
22.8896	34.1058	51.7083	32.6615	29.0144	37.1055
2.0545	1.57006	1.42075	2.27897	1.62569	2.20019
32.9749	27.9562	29.5074	31.0377	33.8197	26.2895
0	0	0	0	0	0
35.0637	49.3682	29.9214	35.0297	28.0721	25.7611
10.7089	8.07515	6.8323	15.874	6.43441	20.3805
13.6797	12.1296	14.4207	14.156	14.4097	13.3722
0.105388	0.0377281	0.0426233	0.152965	0	0.0427104
0	0	0	0	0	0
7.84807	6.79772	7.45738	6.78482	6.68731	9.1474
0	0	0	0	0	0

10.8841	9.2301	11.6582	10.4255	11.9268	13.1566
2.62668	1.88065	2.47645	1.90622	1.3649	1.81136
15.0295	15.1272	16.6047	14.825	17.9029	16.9898
34.3724	31.424	36.9033	37.8323	35.3674	37.5354
7.94077	8.51811	10.4354	9.40222	5.2137	7.81693
0.918111	0.604762	0.653524	0.746244	0.797142	0.74416
1.70913	1.25675	1.17398	1.83482	1.03841	1.35774
0.0838152	0.12002	0.0677964	0.0608262	0	0
2.7258	1.85404	1.76387	0.890172	1.79612	1.10467
20.2843	15.9496	19.191	16.8237	17.2691	17.0283
176.547	158.37	191.871	175.388	200.879	191.446
6.73943	3.8961	6.40317	5.74065	6.31959	7.35973
0.906695	0.514387	1.1669	1.05783	0.605399	0.690978
14.4282	21.4511	15.9509	17.0369	8.63711	14.2042
8.56979	6.452	7.46261	8.17099	5.62475	5.49714
7.89519	5.53235	5.7822	8.45903	7.32228	3.98137
1.25438	2.15547	1.01464	0.971013	1.29655	0.813372
0	0	0.0784462	0	0.150363	0
0.127201	0	0	0.0307707	0.0328695	0.171835
1.68575	1.37007	0.718639	0.876206	0.353195	0.886288
1.75476	0.628052	0.777039	1.06766	0.908086	0.890955
1.59602	1.63617	1.40835	1.05296	0.759227	1.32303
40.8273	32.4061	27.8885	7.79984	7.69938	12.219
2.19166	2.8767	3.24996	3.71108	2.52479	3.33062
0	0.0753805	0.0851612	0.458434	0	0.170671
154.29	181.787	180.897	159.25	204.554	167.301
0.268844	0.164989	0.0310661	0.334466	0.0595464	0.0933889
13.1158	10.9672	12.7576	12.9067	11.8039	12.3905
20.4736	18.624	20.0348	20.7052	17.9868	18.8456
12.1435	12.1756	11.0462	10.9834	9.58094	9.88347
13.0453	13.7727	12.0924	11.4664	10.1304	11.6348
12.9398	10.5674	13.0624	12.5813	12.9196	12.5499
11.1354	15.0314	13.8837	11.8387	11.8214	15.1194
18.9712	11.4053	15.7261	17.8566	14.024	18.7263
0	0	0	0	0	0
9.40748	10.8688	10.4919	9.77528	8.56364	9.99348
0	0	0	0.088017	0	0
3.55893	3.21627	3.97022	2.77308	2.14326	3.17005
0	0.0457005	0	0.046322	0.0164938	0
1.215	0.913928	1.30797	1.58286	1.23966	1.45594
3.69468	5.95197	2.98855	1.34065	2.86417	1.49733
1.76262	0.851338	0.729055	2.05894	2.91364	2.52702
6.40221	7.42567	6.29186	7.52666	5.95556	5.05935

0.202478	0.28994	0	0.146942	0.156964	0
4.89965	4.24308	3.84999	4.30078	2.96628	4.38737
7.56061	7.20431	4.81149	6.09196	6.37817	1.89276
84.7719	95.7597	120.744	87.9368	154.502	129.544
0.460167	0.47967	0.25382	0.266729	0.284921	0.380897
0.25329	0.336794	0.117075	0.0787786	0.252455	0.293285
7.46423	6.50986	5.71466	6.66527	3.21466	4.78025
0	0	0	0	0	0
0.235872	0.329968	0.106036	0.110747	0.081013	0.117095
16.9168	18.1068	16.6585	17.3261	20.2426	13.8046
0	0	0	0	0	0
18.7685	23.2236	22.6399	20.9292	25.2464	19.4529
12.5858	12.4606	13.2469	11.351	11.202	11.6397
0	0.0947858	0	0	0.0164204	0
12.1488	12.0628	11.6892	8.7535	9.30705	12.2719
1.76105	1.06403	1.33432	1.32656	1.18086	1.63818
0.32886	0.268486	0.347779	0.35426	0.201539	0.284785
1.0922	1.74172	1.68661	1.261	2.07825	1.20718
16.9113	9.1736	11.3254	13.5364	9.84113	9.84128
4.36628	2.90383	4.59531	4.01034	3.73905	3.5917
31.9764	31.4465	35.5015	31.6409	30.7687	35.8514
8.92217	7.3619	9.0212	11.7655	9.40489	9.5688
0	0	0	0	0	0
7.25408	6.94783	6.58827	7.57338	7.64596	6.21492
12.0826	9.19104	8.82757	11.4998	9.79549	10.7309
46.4857	55.5804	68.9017	70.7294	63.2912	58.2171
6.46255	5.85499	6.49524	6.2231	5.51174	6.6282
0	0	0	0	0	0
0.25827	0.0924583	0	0	0.100108	0
16.919	12.709	14.2066	16.4869	17.1924	16.4595
4.65376	4.93945	3.43767	3.75655	2.89956	4.09938
0	0	0	0	0	0
0.0661606	0.085268	0.0602063	0.145247	0.0512887	0.0134057
7.67278	6.06978	6.66809	7.86696	6.83305	7.25541
0.711314	0.458359	0.287684	0.412971	2.04026	1.44136
0	0	0	0	0.168391	0
4.67571	7.14184	3.19376	4.97676	4.02742	3.53716
1.23893	0.980197	1.16287	1.08534	0.80953	1.06874
33.2904	28.0383	29.7671	31.0455	33.1523	27.9843
6.12836	7.76211	5.85401	8.15658	3.26812	6.58779
0	0	0	0.119419	0	0
0.164545	0.314162	0.221828	0.199022	0.0850384	0.177825
18.4764	15.6827	16.9527	19.0409	22.5842	19.7043

0.0974783	0.556332	0.0628831	0.0565085	0.0452898	0
33.6687	18.2536	23.3883	27.1318	16.9742	14.0459
28.6473	32.8582	30.4535	29.7293	26.8844	28.4933
1.96261	1.58734	1.55812	1.81994	1.46509	2.0621
0	0	0	0	0	0
0.00649229	0.00697253	0.00450127	0.0282694	0	0.0115769
0.0675839	0.0279795	0	0.0395351	7.38E-11	0.0311894
13.3335	10.883	16.5013	16.1595	15.5045	17.2916
3.5824	3.17973	4.63315	4.04542	3.21774	4.77604
0	0	0	0.0207622	0	0
5.64275	6.00244	5.02074	5.96707	5.93662	7.90587
0	0	0	0	0	0
0	0	0	0	0	0
0.291158	0.391912	0.480444	0.287366	0.514619	0.585264
24.5273	30.177	27.5533	27.7109	25.9503	24.5879
14.6259	16.2888	14.3509	16.6699	15.8047	14.9521
10.2538	9.31502	6.19318	8.89296	8.94143	10.8289
125.84	166.46	137.8	136.067	104.545	107.624
0.167821	0.0600783	0	0	0	0
0	0	0	0	0	0
1.5402	1.49402	1.3565	2.19039	1.52173	0.66445
12.7387	12.2212	10.6908	13.7476	10.9421	11.6423
0	0	0	0	0	0
4.38503	2.83354	4.08286	4.93272	3.46285	3.98872
377.379	180.131	169.586	60.8602	65.0112	101.96
4.44102	6.2155	7.68877	6.14817	3.78415	4.76732
5.86072	5.2857	4.79794	5.34333	3.87447	4.97245
5.62652	7.52085	4.93188	6.05503	4.84272	7.16153
40.2544	44.6364	44.5878	40.1026	45.6392	39.7969
23.895	26.0687	26.0671	29.0814	31.95	23.7995
2.73932	1.73532	2.5258	1.95734	2.12597	2.53096
123.909	127.023	114.069	126.298	131.985	109.818
117.183	112.834	132.98	133.253	134.994	126.897
37.2859	32.1424	34.3599	35.134	40.9524	38.185
14.3227	15.8659	16.9044	15.2972	16.0263	14.201
0	0	0	0	0.31566	0
1.76574	1.38156	1.79551	1.94039	1.0559	1.196
4.02511	3.18526	4.3354	3.35157	2.3813	3.76045
0	0	0	0	0	0
0.871553	0.379835	0.643679	0.495001	0.41126	0.952135
13.4825	14.7377	13.0417	13.7945	12.7383	11.0511
0	0	0	0	0	0
0	0	0	0	0	0

18.6761	14.7938	17.7929	16.1059	16.4594	17.5677
96.2182	100.036	95.4727	107.121	72.4321	82.1594
10.5083	6.96144	9.20433	8.54761	9.59341	9.867
0.164865	0.147551	0.0333391	0.151983	0.0319516	0.0668145
5.13371	4.76354	5.39354	4.74268	5.26056	7.16225
0	0	0	0	7.12622	0
0.611973	0.637325	0.900022	0.605618	0.603795	0.450931
108.655	97.3955	101.325	109.833	89.7426	104.187
0.530464	1.32931	0.321811	0.288725	0.51403	0.10749
58.8779	53.2793	53.562	58.8638	56.1505	54.8874
0	0	0	0	0	0
8.74592	6.23978	7.52595	7.69751	6.80401	7.44081
102.323	80.5619	94.584	96.6828	111.307	74.4398
17.9701	15.3456	17.3252	17.54	17.3333	18.5388
12.8239	12.9725	9.90024	9.23169	11.194	10.9515
0	0	0	0	0	0
0	0	0	0	0	0
14.264	11.3219	11.9106	16.2077	10.4515	14.1245
3.70036	2.43456	2.53509	2.59975	1.84527	1.74721
0	0	0	0	0	0
1.02826	1.12E-06	1.11655	0.750224	0.406269	0.828974
0.770764	0.545302	0.640894	0.448173	0.560217	1.02257
5.31296	3.4732	4.8581	4.86155	9.13275	11.6084
1.31769	1.16043	0.937947	0.78414	0.806977	0.73694
37.9734	34.9602	37.3624	39.7429	44.5121	35.4044
0.00906856	0.00649292	0.0293418	0	0.0316358	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.64025	1.50217	1.41105	1.71078	1.90056	1.54769
0.09008	0.0322478	0.0364319	0.098059	0.0698314	0.0730128
0.0179061	0.127785	0.0578233	0.0907082	8.73E-14	0.130139
51.1207	54.5694	50.1411	52.4751	52.7655	39.8961
0.653983	0.409709	1.52086	0.771236	1.29913	0.397556
0.397863	0.247276	0.17879	0.387746	0.267734	0.644865
1.13389	0.938327	0.670589	1.15425	0.609459	0.680391
1.47632	1.08345	1.433	1.31246	1.91699	1.49576
21.4928	15.4901	19.9165	19.9273	22.4302	19.9726
0	0	0	0	0	0
16.849	17.8571	17.655	17.7909	14.9393	17.1733
5.63714	7.66856	6.99165	6.88647	5.31683	8.75759
0.117423	0.0840726	0.284943	0.085216	0	0
0.0373365	0.16708	0.0302007	0.144514	0.115777	0

0	0	0	0	0	0
0.317148	0.184425	0.43858	0.496605	0.0708934	0.235267
3.59948	2.68824	2.7986	2.57843	2.40549	2.45221
0	0.0148546	0	0	0	0
561.132	1020.14	832.673	643.978	588.74	1149.4
8.45192	6.48181	8.06682	8.23084	8.65186	8.52358
75.7852	75.5202	80.4785	70.0827	82.8305	63.9442
19.0475	17.0753	17.4031	16.7413	13.0504	16.1829
2.98424	4.29356	3.5785	3.63738	6.46453	3.68436
9.27798	7.89083	6.85856	7.65555	7.79767	7.29937
28.4527	32.8802	36.19	29.8124	27.9163	31.6854
0	0.0273984	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.12281	0
7.88727	6.97389	6.84756	8.27777	7.30487	6.78821
0	0	0	0	0	0
2.95605	3.48888	2.8581	3.16761	2.63173	2.75163
4.35384	3.19253	3.01641	2.86174	4.25302	4.58597
2.55293	1.13164	1.56312	2.92477	2.08174	3.50363
0.0308454	0.0662541	0.0748506	0.0447701	0.167383	0.150007
11.0196	11.5713	12.6728	12.5746	11.3453	14.7126
0.244981	0	0	0	0.0949565	0.0992826
0	0	0	0	0	0
0.0556759	0.0398628	0.140735	0.040405	0.0971118	0.141022
11.1415	13.4614	11.9999	8.34927	11.5944	9.66864
37.0864	32.9611	33.3751	39.2502	40.3796	36.0908
0	0	0	0	0	0
0.256967	0.210668	0.23766	0.184446	0.0591093	0.282548
0	0	0	0	0.0563188	0.0307224
49.4373	44.0795	52.215	52.0062	55.808	52.8141
10.2896	10.4125	9.99179	8.79817	7.95692	8.83552
21.2424	19.3929	22.1803	19.506	22.037	23.0216
0.906331	0.421795	0.219934	0.624854	0.351301	0.367306
11.81	12.1338	12.5329	10.5915	9.20747	12.8615
0	0	0	0	0	0
7.75118	7.19405	8.73705	6.77104	5.81411	7.44604
105.859	113.4	72.1975	76.0587	215.622	33.082
4.56938	3.54791	4.12063	4.06668	3.8893	4.24167
10.99	7.14351	8.31313	8.3567	7.79269	8.23892
1.82891	1.23194	1.92704	1.45824	1.37117	1.81923
48.5788	41.9402	51.7433	52.9578	48.3521	46.7575
0.573506	0.713729	0.510375	0.37684	0.698642	0.531252
0	0	0	0	0	0



0	0	0.286325	0	0	0
0	0	0	0	0	0
6.44021	8.12679	7.19528	10.4572	11.6385	11.5815
0.827396	0.863686	1.07583	0.813703	0.953124	1.11563
19.5592	20.2349	19.0271	23.7616	23.7793	20.6258
6.68892	5.29724	6.48531	5.80759	8.11163	7.20839
17.9399	15.1042	15.0622	15.9972	11.8911	15.9375
0.660629	0.455534	1.8868	1.03523	1.09399	1.11549
0	0	0	0	0	0
1.03195	1.00923	1.45405	0.841271	0.374339	0.593212
13.9682	16.1174	13.0886	12.1747	12.7929	11.0902
7.16415	5.05083	7.39267	6.33683	6.07633	6.88683
452.497	503.008	474.947	474.778	471.515	428.461
0.0358104	0.0127713	0.0288143	0.0391649	0.0289045	0.0148318
0.391306	0.22598	0.125042	0.427048	0.215712	0.195781
4.37718	4.00049	5.28864	4.45251	4.86977	5.78931
31.3033	38.679	36.7092	36.8384	35.8681	39.5507
18.0325	14.5667	18.5298	17.7956	17.4969	21.2315
0	0	0	0	0	0
32.6601	31.9009	35.2804	33.7735	30.6169	28.9671
0.0190125	0	0	0.0137977	0	0
0	0.266184	0	0.539607	0	0
0	0	0	0	0	0
0.106451	0.0961286	0.0964711	0.155044	0.0994969	0.118452
4.0038	3.17025	3.75039	3.54507	4.49584	4.31819
51.5169	59.4404	58.6202	60.2952	61.3113	57.1405
0	0	0	0	0	0
49.0275	47.1306	51.8231	56.2421	49.6333	43.2591
0.28199	0.514137	0.753368	0.950917	0.85336	0.36183
8.49756	10.1448	11.054	9.24323	7.95295	9.03698
37.6885	25.7916	36.7204	30.5616	37.6542	37.0052
0	0	0	0	0	0
0.340828	0.343856	0.100251	0.247345	0.0480391	0.0878986
2.13938	2.38861	2.0278	3.67756	2.3933	4.06483
10.3962	11.2621	11.129	10.6249	7.90952	9.67371
0.178482	0	0.14437	0	0.138362	0.433997
0.0554657	0.0264749	0.11964	0.10734	0.0573305	0.0299712
22.89	18.0428	24.0442	16.3853	18.5221	16.8575
9.63775	11.7177	7.64869	9.45769	10.6666	7.02564
1.01516	0.533767	1.60379	1.89935	0.70089	1.1828
0	0	0	0	0	0
43.8952	40.7863	49.0905	48.2771	60.173	48.3615
20.1916	16.5048	20.6879	20.0467	22.9792	20.2756

7.30634	8.22161	10.845	9.47405	9.48554	12.1164
2.48894	3.43559	4.21956	2.94857	2.79377	3.40517
108.012	117.206	119.788	123.825	131.212	113.86
0	0.0607856	0	0.0308061	0.0329073	0.068813
0.407973	0.406297	0.716996	0.644782	0.440444	0.75272
2921.03	4327.5	3424.62	2875.56	3153.26	2903.06
39.5013	41.553	41.5988	40.354	48.1119	39.3441
12.1245	13.9732	13.9582	12.7354	10.203	10.323
7.19335	11.2444	11.4543	10.0034	10.8316	10.562
10.7572	7.66507	10.0079	9.80206	10.8969	10.7248
22.7985	19.6962	20.3664	21.907	24.4459	22.5808
0	0	0	0.210461	0.0749384	0
0	0.0754309	0.0852181	0	0	0
9.12215	7.39037	7.37872	7.83821	6.88431	7.0048
0	0	0	0	0	0
2.72198	1.9811	1.65587	2.61209	2.16244	3.82905
31.6778	34.6042	30.8741	32.7635	27.4469	30.819
6.24628	5.16025	4.87205	5.79084	5.08167	5.04892
0.103702	0.0835301	0.0781657	0.0188146	0.0200979	0
238.718	279.765	285.078	258.647	305.783	273.013
23.342	31.7134	26.8568	25.12	24.0636	21.0304
0	0	0	0	0	0
0.286563	0.205173	0.197025	0.239158	0.233255	0.232269
17.7932	15.9959	17.5864	18.0003	20.3005	17.3442
0	0	0	0	0	0
0	0	0	0	0	0
16.7933	20.1941	19.8872	19.8399	17.4784	19.6129
39.4163	0	63.7661	0	0	31.9483
6.80287	5.51685	7.31183	6.87252	6.10698	4.60541
2.2297	2.53345	2.31326	2.63826	2.06668	2.16084
7.62717	5.942	6.57828	7.88915	6.20537	6.60156
20.2489	21.3455	20.7621	20.6688	15.2249	19.233
3.10856	3.0817	3.14307	3.03684	2.59518	2.6165
10.6353	13.3342	11.3173	12.2291	11.5425	17.4513
0.963542	0.957333	0.957452	0.749809	0.628515	0.896113
0.720162	0.446056	0.488193	0.254255	0.150887	0.28397
13.4735	10.7586	14.1955	12.6643	15.675	12.1239
0.645928	0.709124	0.644389	0.81252	1.08492	0.279225
41.3799	39.0011	33.7351	33.7067	37.4007	33.6296
28.6962	28.9298	26.4269	29.8927	20.9924	25.3527
2.27791	1.86367	1.31884	0.947936	1.47306	1.14662
67.2314	84.8273	61.7062	61.0599	129.604	29.7532
11.0506	8.55163	9.76825	8.6199	9.7208	9.84186

0.213613	0	0	0.155023	0	0
31.2774	29.7468	35.6168	34.3541	38.3876	36.8678
9.34569	7.5433	9.07951	9.12032	8.45756	8.99545
11.2472	9.69246	10.4672	10.8736	8.58372	8.87465
20.5292	27.2725	28.7665	16.7487	22.3723	17.0493
0.476652	0	0.257036	0.69183	0.369508	0.386343
0	0	0	0	0	0
6.79024	6.2085	11.0592	4.69473	18.068	14.9865
0.100372	0.143728	0.28416	0.0364207	0.0778096	0.122032
18.6238	16.7269	17.6154	17.888	18.4026	16.2652
19.1127	20.6429	23.6009	21.0417	21.6099	19.9906
0.108703	0.0518323	0.118579	0.177313	0.163144	0.418094
0	0	0	0	0	0
14.7152	17.5591	14.5476	15.5567	13.7673	12.1208
1.61565	2.19107	1.47599	1.40701	1.93029	2.38798
20.0868	21.0619	23.4577	21.414	21.4193	22.2722
25.657	22.5359	16.6355	15.6664	17.7127	6.40622
0	0	0	0.073619	0	0.164446
0.1672	0.089784	0.0676223	0.212345	0.16202	0.237162
1.58389	1.24365	1.28032	0.945519	1.0496	1.03583
0.237754	0.437727	0.659363	0.591639	0.144815	0.440474
1.83006	1.13938	1.8021	1.09713	1.23364	0.515939
66.1781	56.2408	57.7855	60.9145	65.3173	32.0145
0.0204509	0	0.0165424	0	0.237808	0
8.79996	9.70713	9.66659	11.6075	12.5075	9.60439
8.37666	12.8747	7.81465	7.61913	5.97422	4.88848
0.456457	0.457524	0.369239	0.728839	0.637018	0.443963
0	0	0	0	0	0.0213248
5.61224	2.04498	4.45375	4.33429	2.05437	2.80443
10.8394	9.06166	11.6821	13.3863	13.2728	12.4049
0	0	0	0	0	0
0	0	0.00910731	0	7.53E-172	0
12.7173	12.1447	14.2569	14.2737	12.0453	10.0055
0	0	0.134372	0	0	0
11.2906	9.79532	13.2255	10.2995	11.4233	11.8165
2.75474	2.4751	3.91037	3.23395	3.39171	4.26861
0.641632	0.189163	0.41215	0.232822	0.687587	0.627232
0	0	0	0	0	0
0.0472913	0	0.038253	0	0.0733219	0
31.6852	27.2659	30.0793	28.7612	31.2628	29.5878
0	0	0	0.017954	0	0
22.2191	19.2458	20.9515	21.0793	18.2211	21.2836
3.44762	3.29124	2.87322	2.36932	1.55905	1.90528

8.91013	7.03778	8.1576	7.18714	8.60578	8.80798
0	0	0	0	0	0
23.9864	19.54	20.0058	19.4963	23.5532	16.1583
13.7167	9.50729	10.8286	10.1838	9.83811	7.50442
1.11346	1.15154	0.900658	1.07741	0.735296	0.869074
27.2878	28.2375	25.7776	29.7552	23.8389	26.9425
0.032661	0	0.0264188	0.0474054	0	0.0264729
1.49237	1.43218	1.64866	1.66653	1.73276	1.34864
2.45498	1.41649	2.0242	2.35798	1.61969	2.6851
0.583147	0.757727	0.580512	0.701511	1.01953	0.511672
18.5461	17.2	18.9429	17.2695	20.0432	19.4409
0.0488244	0.0699147	0.0394931	0.106298	0	0
21.9701	20.1721	26.046	26.6905	23.0009	23.9405
14.0755	13.2973	15.2595	14.4647	15.5162	14.6296
10.5791	9.14267	8.46922	8.4102	8.53824	8.43617
22.3609	19.862	23.6163	23.7059	20.157	22.189
0	0	0	0	0	0
20.3337	16.1296	18.4591	17.4108	23.1342	19.564
0.175849	0.0191688	0.113713	0.112214	0.0328706	0.0483324
0	0	0	0	0	0
31.6346	33.6619	32.9132	34.4833	54.7336	30.7804
0	0.0631903	0	0.0426998	0	0
0.0876628	0.0418433	0.0472725	0.0212062	0.0226525	0.0236846
0	0	0	0	0	0
0	0	0	0	0	0
5.82299	6.27806	5.91989	5.70142	6.49593	6.32468
4.84626	3.9978	4.21977	4.34524	2.92447	4.73784
0	0	0	0	0	0
0.54445	0.217422	0.793581	0.347333	0.507797	0.303461
22.4873	21.3122	14.7724	12.4047	19.3974	22.0196
1.37138	2.22677	1.8422	1.36845	0.949209	1.25049
60.8642	71.2594	59.7943	60.1327	49.1675	67.7063
0.338495	0.455255	0.458768	0.548446	0.171161	0.349502
5.40197	6.69465	5.99913	5.59775	5.54166	7.94411
11.0227	6.62147	8.57237	9.48682	9.92072	9.88648
17.6281	16.6397	3.27052	5.94726	31.8423	16.0552
12.13	11.3042	11.6468	12.511	10.7501	12.4326
17.0986	17.443	15.3003	17.6223	13.8689	13.7653
0.0522836	0	0.0845822	0	0	0
3.21185	2.24066	2.165	3.22739	3.21343	2.95933
0	0	0	0	0	0
0.725051	0.519123	0.167566	1.12753	0.722663	0.587679
9.65124	9.21347	10.1749	9.57348	9.80418	10.2233

41.384	45.4329	34.5905	38.969	41.8248	38.1398
0.327396	0.102554	0.165515	0.0890991	0.0634507	0.149268
61.0106	61.5066	64.5066	69.6703	70.2941	63.0364
0.282249	0.179624	0.0507258	0.242771	0.259329	0.0508295
0	0	0	0	0	0
14.9664	11.9717	13.0776	13.3044	12.9621	14.5134
0.143046	0.143386	0.416545	0.519056	0.465744	0.255076
4.49594	2.96487	3.78023	5.19469	5.64072	4.55514
86.3728	72.4692	81.3017	86.3926	91.9804	81.4461
5.80358	4.64545	4.43068	4.1881	4.0441	4.8912
288.939	323.632	347.443	329.599	333.276	314.255
0.608445	0.268083	0.22715	0.339661	0.344686	0.151743
1.35306	0.802351	0.684314	1.07395	1.11444	0.85303
24.494	21.0153	25.6339	21.0493	24.0092	24.9329
0	0	0	0	0	0
0	0	0	0	0	0
0.0513425	0.0204223	0	0	0	0
0	0	0.0157108	0	0	0.0629715
11.3214	13.0549	10.144	9.46906	11.1596	14.7814
0.465508	0.312464	0.235337	0.422284	0.112771	0.448055
39.9744	42.7523	41.18	42.5111	46.4961	37.2918
1.59E-14	0.0339918	4.12E-22	0.0445109	5.35E-90	0.041737
0	0.552059	0.196954	0.706821	0.0314596	0.131571
16.2351	14.5054	18.9194	17.4236	23.0116	17.2295
15.6896	16.3138	12.508	13.5609	8.98512	11.9149
70.3749	49.1504	59.2714	70.1793	75.1901	63.2054
3.56155	2.11656	4.51526	2.90658	2.07589	3.5874
4.74424	3.90051	3.99044	5.16121	3.91509	4.92528
40.348	39.562	40.0437	38.8703	39.3886	39.2115
89.8187	101.834	99.5952	99.0223	85.434	89.9597
13.633	13.0858	11.704	13.4513	12.5499	13.5016
0.0189588	0.0135741	0.0306708	0	0.0440915	0.0768338
7.02032	6.49683	5.6447	5.65748	4.67872	6.42059
18.5106	14.0843	16.9709	18.0337	16.7837	16.6317
0.0733952	0.0525496	0.0593679	0	0	0
0	0	0	0	0	0
25.2777	22.0332	21.7472	20.4104	20.1678	22.6142
5.79588	4.41405	4.75846	5.77229	5.49068	5.33256
12.8354	12.0635	15.8659	16.1058	17.7237	16.3158
12.4032	11.3927	12.2733	13.2427	9.99471	13.5059
43.3698	51.8827	40.2432	46.4609	34.4468	42.6692
2.3679	2.19158	2.94977	2.23935	3.6201	2.67493
10.4519	8.96537	9.29386	11.3719	9.30036	12.0685

0	0.0349574	0.0394931	0.0354328	0	0.0395738
3.66E-06	4.11E-05	3.62E-24	4.44E-05	5.34E-05	3.92E-05
7.8665	6.29573	6.1698	5.8177	5.04333	6.02112
0	0.069961	0.0395192	0.0354562	0.075749	0.1188
6.66429	6.52643	6.83978	6.62239	6.56681	6.55201
0	0	0	0	0	0
0	0	0	0	0	0
6.77568	6.68055	8.93845	6.53182	7.57581	7.67951
1.34683	1.1949	1.11311	1.63611	0.839806	1.56628
0.203595	0	0	0	0	0
13.0144	10.5602	13.2354	14.0574	10.6647	15.8048
1.1244	1.16123	1.27052	1.79257	2.04127	1.67592
11.8816	13.7775	10.9771	12.7364	10.2445	7.35384
6.48531	6.1049	7.21248	7.64731	7.4869	7.09584
7.5532	6.88993	7.74042	8.09799	5.01126	5.56135
3.88232	0.795018	0.84116	2.91832	0.752409	0.730496
5.29382	4.28958	5.09754	4.67668	3.60262	6.07204
0	0	0	0	0	0
0	0.0129854	0	0	0	0
0.43581	0.175518	0.190359	0.599258	0.0912185	0.22254
0.177623	0.381524	0.287351	0	0	0.287938
0	0	0	0	0	0
92.8998	83.5268	81.5685	106.546	92.2874	85.8833
16.0591	12.5197	15.3637	14.0262	14.492	15.2387
5.31177	5.96539	4.76436	7.35219	5.26344	5.1734
7.96978	6.92887	8.40115	7.33949	6.7793	7.53927
21.4135	19.1813	18.5218	19.8402	18.2694	18.1152
7.00559	5.94604	6.83726	6.3372	5.86428	6.7446
32.8467	29.3316	30.6788	29.8855	31.825	36.1984
0	0	0	0	0	0
0.926249	1.09568	0.944673	0.818325	0.749262	1.24038
10.9496	11.0488	10.3412	10.9044	12.2078	11.4473
0.689324	0.721332	0.364572	0.384811	0.452163	0.451274
6.14272	6.21617	6.02507	7.47661	6.88043	5.97858
15.8007	11.1969	16.7725	15.5094	14.5909	16.877
0.0229077	0.032803	0.0370592	0.0664982	0.0355169	0
5.22862	4.24066	5.5455	5.4792	3.88512	3.51699
0	0	0	0	0	0
166.751	154.124	139.107	161.239	218.805	189.377
6.74251	6.7218	8.87291	8.02074	7.46487	9.11588
0	0	0	0	0	0
44.8741	38.6436	37.1226	44.5164	41.1999	42.8962
0.0402059	0	0.0325217	0	0.0311682	0

44.3818	37.3749	44.8807	47.6434	56.0088	44.719
3.85353	3.16979	2.44161	3.56025	4.80768	4.36618
10.7472	3.01816	6.71512	35.4468	9.82799	4.30343
3.1942	1.63787	2.14179	2.28084	0.549461	1.88252
0	0	0.278324	0	0	0.557785
1.5939	1.72218	2.27381	2.12416	3.12274	1.78518
53.6143	47.9466	56.9095	58.3783	67.1668	63.3248
0.159571	0	0	0	0	0
76.4401	54.7296	82.4411	73.9652	44.4431	67.1203
0.459396	0.751814	0.318511	0.333392	0.559634	0.425549
16.2345	13.1218	14.1965	13.5697	11.7218	13.6236
2.53025	2.36059	1.86061	1.78061	2.19925	2.42374
0.10887	0.152877	0.110109	0.0128408	9.46E-09	0.0540268
13.2281	14.9532	24.0624	21.9304	18.7183	19.0462
0	0	0.0255154	0.0686765	0.0733606	0.0511352
3.50537	3.34288	3.68146	2.78312	3.36291	3.72
66.0874	63.616	64.2911	68.6647	71.982	62.2107
0	0	0	0	0	0
19.9568	20.7262	17.838	19.5972	18.3436	16.9389
10.5355	8.10095	6.14337	8.11218	9.58637	12.3434
2.98917	2.50424	2.35556	2.50475	2.38892	2.41033
16.3121	22.5594	8.61241	15.1922	9.03052	7.20609
0.74962	0.763429	0.800209	0.545071	0.360272	0.765845
0	0	0	0	0	0
1.41577	1.19468	0.858892	1.17423	0.731685	0.778681
12.2184	15.534	9.83793	6.98851	9.14702	2.81015
4.12273	3.63914	3.31166	3.53914	2.91573	3.08921
10.1713	9.26255	7.71934	10.0004	10.7963	10.675
13.0988	17.3572	10.7535	13.4787	8.18413	12.5186
0	0	0	0	0	0
0.186135	0.133269	0.150561	0.135082	0	0.150869
0.0348513	0	0	0.0252922	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.44E-09	0.564623	2.44145	6.68361	0	2.43663
10.2923	8.55685	8.42339	9.79114	9.47388	9.84908
0	0	0	0	0	0
0	0	0	0	0	0
2.51297	3.6099	1.78264	3.3	1.8996	1.69653
19.401	23.9103	30.1373	21.6676	28.4926	21.2193
7.90018	8.45078	8.45505	8.42365	7.31962	8.55041
24.4473	22.0408	28.4686	26.0993	23.6838	26.1482
65.5998	54.0426	60.2308	65.2009	73.3593	55.0698

13.8783	14.6883	16.9672	14.0269	12.4863	16.152
0.161504	0.115634	0.153357	0.219125	0.174192	0.358564
5.1515	2.36636	3.53924	3.61993	1.51804	2.15031
48.3599	65.0054	50.5352	62.2582	51.2421	60.2363
2.7111	2.88907	2.09095	2.28778	3.42135	4.8037
1.61988	1.06761	0.534831	0.955589	0.814379	0.54237
0	0.106755	0	0	0	0.120853
58.1272	45.4865	60.17	55.6721	62.8229	60.0416
3.0233	3.03649	3.19272	3.47393	4.88278	0.987001
0.950568	1.49895	1.60386	1.76886	1.53711	1.17187
0.0677363	0.0969958	0.0547905	0	0	0
0.562063	0.60364	0.653547	0.586355	0.490185	0.697593
0	0.0482764	0.0545402	0.0489329	0	0
13.3758	13.1225	13.5992	14.0218	13.3996	11.816
1.18939	0.804271	1.08679	1.07096	1.12693	1.48177
0	0	0	0	0	0
20.7302	16.7393	20.461	18.7041	18.8148	20.1361
13.3492	11.8635	12.6183	11.8922	11.6285	10.6549
30.3153	27.6108	30.0946	34.585	31.2175	25.5382
0.0252794	0	0.010224	0	0.019597	0.0512246
0.42428	0.18986	0.171596	0.192442	0.370022	0.214933
1.62E-07	0.151383	3.23E-08	0.123833	0	0.433922
42.9961	44.7425	41.2883	39.039	58.9632	32.5242
4.31103	3.84063	4.3922	3.05695	3.13794	3.52091
16.1193	14.07	16.2982	16.312	16.0306	18.5177
1.40303	1.14153	1.0661	1.09534	0.477907	1.84365
34.1029	22.117	21.4287	24.7436	32.7025	34.1263
16.7613	12.8086	14.1804	15.167	17.7551	16.0894
1.90731	1.76114	1.70492	1.55236	1.52117	2.00578
0	0	0	0	0	0
1.61927	1.03164	1.39304	1.49381	0.712745	0.956547
0.288534	0.374914	0.0518644	0.37355	0.0497058	0.103941
0.259872	0.231609	0.181831	0.14572	0.0762404	0.33393
0	0	0	0	0	0
12.4482	10.849	9.6657	11.0661	10.8247	10.4161
33.2907	39.6765	33.1501	33.8536	23.3069	26.1453
0	0	0	0	0	0
26.9246	26.2788	33.378	27.8912	35.1611	34.7594
0.360604	0.340336	0.218764	0.315226	0.247779	0.298925
0.288868	0.206824	0	0	0.223935	0.234137
45.2306	41.8296	16.0551	88.5218	65.1844	71.9568
0.915452	0.59586	0.572197	0.785152	0.580641	0.876914
12.4548	15.6336	12.1661	13.7964	11.8121	12.6532



7.94875	5.50822	6.75132	7.08962	7.55985	7.69979
2.54351	1.64	1.28445	1.75409	2.75612	2.49443
12.1945	11.9607	12.8633	10.5975	10.1942	11.3403
0	0	0	0	0	0
0.593728	0.765176	0.768407	0.775582	1.19669	0.481236
85.1387	34.8329	39.3525	44.1333	56.5721	69.0077
15.0175	11.9047	15.2538	14.8012	12.7788	14.9378
4.67083	2.96854	3.33342	4.35039	3.11762	4.31238
74.6185	64.597	69.925	76.5251	78.4279	72.2098
23.0542	27.9491	23.3999	23.2568	19.9246	21.4445
16.4993	12.4793	17.6196	13.8438	15.6646	16.7403
10.3542	12.7362	13.9815	10.7173	9.22364	11.1673
12.1287	10.4909	11.3985	9.0055	8.45123	11.5354
0	0	0	0	0	0.021245
0.177023	0.0316857	0.0357969	0.171294	0	0.0358701
0	0	0	0	0	0
0.831612	0.909355	0.642492	0.926899	0.673207	0.681895
10.111	10.1093	11.3242	12.3309	10.2036	10.0381
3.80637	23.9198	55.6275	7.74588	13.4778	10.1518
6.83889	4.29448	5.66787	7.15989	6.60529	6.86079
0	0	0	0	0	0
22.2867	26.1973	22.724	21.875	20.7191	20.6595
4.97098	4.52683	4.78064	4.92087	4.13772	4.38193
74.7098	92.2333	84.5929	75.0398	88.283	59.6808
19.3753	17.8008	20.0145	22.2561	22.6888	21.1239
0	0	0	0	0	0
15.7258	13.1221	16.3071	15.9606	13.2374	16.6955
9.79391	10.5737	15.1787	9.62687	12.817	11.7418
0.72917	0.737862	0.45612	0.585617	0.339158	0.464933
2.84752	3.05816	3.07107	2.87013	2.53447	2.09431
4.27863	4.59786	4.94739	4.87941	4.26453	4.45882
26.7414	25.5783	26.5312	32.2435	32.715	30.3955
9.90894	8.1718	9.02227	7.64289	8.32504	8.99867
11.1622	10.7214	10.3776	11.0738	8.87168	9.62021
0.0778663	0.0557508	0.0629845	0.25429	0.0301816	0.220896
11.9958	10.5662	11.9045	10.2423	10.8615	11.615
41.6381	39.9041	44.7759	48.9908	51.7461	49.6387
1.66884	1.52887	1.27598	1.2495	0.768022	1.42281
9.76704	7.66747	9.74511	10.2904	9.91605	10.8902
1057.47	2401.61	1389.36	1485.42	1295.04	3012.69
61.5682	60.083	61.3631	60.4023	63.5088	52.8671
0	0.0193935	0	0	0.0419959	0
1.32372	0.871938	1.09215	1.34491	0.574654	0.922711

4.1858	3.22032	4.03773	3.11318	2.80149	3.43487
53.2727	47.4473	57.5244	64.9674	84.0297	68.7453
0.877832	1.25702	0.71006	0.819075	0.194431	0.406578
0	0	0	0	0	0
13.512	11.661	12.491	13.9909	11.0172	12.3405
0.576899	0.239133	0.343841	0.242386	0.164766	0.196883
36.8388	42.4865	43.4811	38.0188	35.6609	37.564
20.7639	14.4844	22.8263	17.0193	19.8693	22.5457
14.0615	12.7923	12.4604	12.8924	13.1881	12.8323
99.8079	95.3698	92.1674	99.2968	74.2076	92.743
0	0	0	0	0	0
22.8941	22.0704	22.7597	22.298	20.7188	20.4202
2.12664	1.5857	0.84483	1.17805	1.31693	0.775161
0	0	0	0	0	0
11.2472	9.33384	8.1917	7.316	5.92611	8.36376
0	0	0.0675662	0.0606196	0	0
1.44908	1.25075	1.36597	1.29469	1.05399	1.30052
10.3194	8.97178	5.51511	9.89619	12.9997	4.63021
0	0	0	0	0	0
6.97581	6.48864	6.99296	6.72833	6.8868	6.04074
0	0	0	0	0	0
24.2007	23.2304	20.9175	23.7811	22.3004	21.3713
63.4295	54.5371	58.3032	74.1775	73.541	66.388
0	0	0	0	0	0
0	0	0	0	0	0
0.0376333	0	0.0608817	0.109245	0.116696	0
0	0	0	0	0	0
6.89055	8.90606	7.9149	7.63304	8.72309	8.2173
11.0784	10.9711	13.7118	10.5547	10.9941	11.0325
19.4077	12.9699	19.704	18.391	20.2931	21.4319
1.0013	1.24155	1.59302	0.903555	1.07369	1.70793
52.3531	91.8025	65.4527	105.182	82.4041	86.9028
129.171	135.085	127.135	137.617	135.246	130.961
6.50671	5.00933	4.73323	5.13746	4.79757	6.06783
0.357808	0.398182	0.401816	0.245267	0.292549	0.869335
0.082249	0.088333	0	0.0298448	0.0318803	0
22.5752	26.9086	28.5997	23.4903	21.7895	19.8958
12.7994	14.301	14.9494	13.4541	12.7032	13.6309
0	0.051575	0	0	0	0
2.36382	2.48739	1.94102	2.31328	1.888	2.43849
13.6262	9.87591	11.9218	10.3175	12.769	12.5208
9.78181	6.12582	4.57165	8.31234	13.0367	6.67328
0	0	0	0	0	0

2.06353	3.99927	2.44947	2.5478	1.55484	3.10722
7.49218	5.30762	6.73025	6.61835	6.08439	6.98257
117.674	124.192	119.071	123.492	132.822	112.812
1.00637	0.475829	0.430054	1.28154	1.61918	1.95459
0.23456	0.131204	0.0474327	0.0957512	0.0909173	0.106942
15.9997	16.0577	15.1861	19.2661	17.2157	16.6394
4.07929	3.8769	4.49922	4.63039	3.15964	4.1852
0	0	0	0	0	0
0	0	0	0	0	0
0.120225	0.0573857	0.0324157	0	0	0.064964
4.70616	4.02936	5.32936	4.56799	4.46913	4.73631
0.246426	0.529308	0.199329	0.357671	0.382066	0.199736
0.0462172	0	0.0186921	0	0.0179141	0
4.1741	3.31109	2.76909	2.52798	2.51417	2.23927
0	0	0	0	0	0
1.49E-07	0.0923824	2.20E-07	1.17E-07	0.10031	1.36E-07
69.4579	65.4785	67.8472	66.8987	73.3928	58.5009
7.67563	9.52168	6.68624	7.22308	4.72969	3.96525
8.35354	6.93231	9.18046	7.68382	8.58187	8.76705
8.10703	5.55748	8.06446	9.13807	7.5238	8.83592
43.1433	33.9462	38.7508	36.974	38.1197	42.937
8.06171	5.2473	5.69101	8.93535	6.13593	6.77189
22.2941	17.4831	17.5559	16.7943	17.3077	15.2092
54.6815	53.1986	53.7456	51.5985	54.2695	66.0986
0	0	0	0	0	0
0	0	0	0.0288636	0	0
1.16022	1.60342	1.39441	1.21077	1.82161	1.04468
0	0	0	0	0	0
14.3674	12.5777	15.6814	13.9554	12.4997	15.5355
17.4427	26.8033	25.2477	19.4689	13.68	16.7009
0.797129	0.285364	0.429854	0.482075	0.102991	0.430733
9.78023	8.38667	9.96545	9.43608	11.9016	11.307
33.8138	39.9993	41.8167	34.8382	32.1842	30.0975
0.209808	0	0	0	0.0813232	0.0850282
0	0	0	0	0	0
2.52977	2.39727	2.12653	2.68185	1.88421	2.15098
53.8457	57.3031	45.271	51.3314	44.3506	52.8613
0	0	0	0	0	0
10.1154	10.8881	9.01137	10.3417	8.39791	7.36798
80.5312	99.952	91.5983	86.3597	96.4813	82.4121
0	0	0	0	0.194939	0.20382
5.91695	5.00668	5.63213	5.76876	5.79155	5.32876
15.1986	12.3847	14.1731	12.9945	12.9675	15.3564

0	0	0	0	0	0
19.6436	19.4738	18.7267	20.4044	22.7165	19.0711
42.2136	47.7147	54.1818	60.3963	62.2748	52.812
0.261011	0	0.329885	0	0	0
0	0	0	0	0	0
3.30808	5.18766	4.74336	3.34446	4.3827	3.97156
0.212446	0.183228	0.0517503	0.18572	0	0.0518561
1.06141	0.947129	1.14866	0.847278	0.831487	0.769007
0.822254	0.747582	0.463583	0.684594	0.781483	0.702886
15.9424	11.9039	16.6767	13.65	14.7348	15.6206
26.4025	29.0873	25.2144	22.9311	28.1267	23.6784
0.460682	0.583562	0.630615	0.282891	0.41207	0.631905
0.098496	1.51621	0.0398357	0.536102	0.0381778	2.35511
44.6018	56.9485	55.02	47.9777	41.1179	50.0681
13.0401	10.6242	12.1846	12.5635	11.6775	13.394
13.2241	13.3873	13.126	11.7062	12.0164	10.483
0.449542	0.28745	0.359476	0.311838	0.312432	0.533216
3.85029	2.7293	4.29201	3.22517	3.86094	3.77289
1.96627	1.08992	0.71828	1.01268	0.491704	0.925391
2.14328	1.31134	1.82822	1.68268	2.12975	2.24257
4.77046	3.78265	4.02101	2.91197	2.38478	4.06537
0	0	0	0	0	0
1.13446	1.19738	0.399371	0.97937	0.300773	0.442232
0.32181	0.519979	0.573376	0.441839	0.987775	0.814237
0.0001141	1.65E-05	2.30674	2.47826	0.00033431	2.76E-05
0.474449	0.305939	0.174953	0.12361	0.294735	0.213051
0	0	0	0	0	0
22.3246	17.0867	20.7527	22.9202	20.3262	22.5775
0	0	0	0	0	0
20.6193	17.3865	18.06	18.6371	18.1269	19.2638
9.73162	9.51678	8.41578	10.9668	10.2428	9.90784
2.12384	1.67269	1.03076	0	0.38674	1.89359
0	0	0	0	0	0
2.61272	2.50178	3.2485	2.88469	2.29204	2.80475
19.8989	23.6755	21.2441	21.7677	22.3733	19.0343
2.3202	1.44036	2.09373	1.9174	2.11056	1.40229
0.516554	0.139455	0.371772	0.307458	0.486713	0.950964
48.0492	39.2118	35.5314	42.6568	43.3059	46.8751
0	0.0866935	0	0	0	0
15.1022	12.7287	14.9585	15.8546	17.5611	15.9992
2.59094	2.36099	3.26271	3.61101	1.48358	1.64662
0	0	0	0	0	0
3.73681	3.41786	3.64543	3.50904	4.32138	3.97739

0.205718	0.300256	0.509685	0.59661	0.323744	0.526119
7.6681	9.63939	7.64098	8.59398	9.36413	10.7171
2.1322	1.57507	2.24483	2.38246	2.02022	2.96266
4.51705	3.65164	3.99727	4.53891	3.6214	3.85393
9.13267	6.53882	8.70813	8.45659	10.018	8.49716
0	0	0	0	0	0
0	0	0	0	0	0
1.49566	1.69084	1.78288	1.99947	2.0138	1.65891
6.40029	6.67041	6.87883	7.11412	7.74073	7.92789
13.1648	11.9733	13.8155	12.2928	12.5094	13.9965
0.428255	0.109508	0.197947	0.133197	0.213422	0.198352
1.12155	1.34622	1.10287	0.702213	0.605201	1.05165
8.4358	6.34848	6.71415	5.75094	5.13398	5.34019
30.6808	29.5244	33.6699	31.5257	32.6908	28.1051
0.151574	0.0271311	0.0613027	0.11	0.117503	0.0614281
4.26268	7.50283	9.20428	9.58987	4.32338	9.74135
9.56122	11.0702	10.5557	9.97054	9.38186	9.70456
8.97117	9.35654	9.80409	10.9247	8.39486	7.52824
1.54718	0.109408	0.123603	0	0	0
5.03983	4.12391	4.49592	4.40989	4.44276	4.50515
11.618	27.8184	38.6686	47.962	91.4423	123.962
0.151983	0.149623	0.0922019	0.0413613	0.117819	0.184781
0.240981	0	0	0	0	0
2.49767	2.1791	2.5555	2.64088	2.20551	2.41325
0.0924054	0.0330803	0	0	0.0716341	0.0374489
29.0327	25.0714	28.085	24.6278	23.2548	24.7837
8.09513	6.67984	7.54655	7.81346	8.48757	7.31593
141.087	104.059	131.255	148.346	127.847	125.782
0.893339	2.34525	1.12405	1.94494	2.15454	1.52862
3.26143	2.89554	4.14999	3.07061	2.06398	2.96185
7.23446	4.90363	5.01243	5.47666	6.85822	5.44582
0.492139	1.36E-06	5.51E-07	4.59E-07	4.56E-07	3.76E-07
0.388368	0.319258	0.349047	0.375794	0.334521	0.256491
1.04767	0.821068	0.721468	0.585646	0.954848	0.677042
0.249762	0.357649	0.606081	0.181257	0.580857	2.42928
43.3138	49.4576	44.6758	43.4713	35.6805	40.6221
16.271	18.2376	17.7037	18.8405	15.3193	17.1562
7.29058	4.63744	7.08677	5.63152	6.40372	7.45632
0.338232	0.272438	0.410383	0.460239	0.163877	0.445491
18.9538	14.5365	17.5174	17.8573	15.4672	16.6813
0.0318987	0.0456777	0.180615	0.277793	0.0494567	0
0.230403	0.0659856	0.335463	0.167208	0.107167	0.224099
0.63115	0.258224	0.218796	0.196301	0	0.292325

7.56928	7.92763	8.4011	7.89576	6.72863	7.43147
2.14927	0.557165	1.01912	0.564742	0.804613	1.50177
35.9213	18.8266	31.4525	49.7194	33.8156	41.5031
63.2849	64.9514	65.2206	72.3406	51.0859	51.8449
3.02621	3.67269	6.46652	4.37938	4.79557	4.65338
15.6525	12.1271	15.8863	15.6878	15.174	16.6666
0	0	0	0	0	0
0.548676	0.271418	0.459951	0.463341	0.51041	0.0727724
12.3421	11.9201	17.3507	15.8422	14.5692	14.1496
0.509175	0.382686	0.330072	0.259467	0.414346	0.515355
1.29119	1.40264	2.30492	1.13091	0.966432	1.01046
15.0632	16.4301	15.2863	18.8131	18.0272	18.3512
0	0	0	0	0.0262247	0
0.431881	0.592669	0.494898	0.626848	0.585902	0.583424
0.93803	0.439131	0.700388	0.73311	0.279683	0.70182
0.245233	0.125416	0.0850132	0.279667	0.0543167	0.0567914
17.587	20.0985	17.9242	16.4822	13.5114	17.0706
0	0	0	0	0	0
0.19014	0.0340342	0.1538	0.137988	0.294799	0.269701
0.927262	0.695517	0.557175	0.634478	0.821518	1.25979
0	0	0	0	0	0
8.02187	6.46764	8.68526	8.16434	6.79866	8.80408
8.8607	6.37271	8.73002	9.73742	11.6307	8.53188
3.58359	2.59999	3.86493	2.46197	3.0003	3.75664
96.6076	103.91	108.472	111.028	88.6207	95.0476
72.1849	66.4357	86.7143	89.2087	81.4272	79.5375
20.331	19.4285	20.4816	21.4585	21.7072	24.9692
32.7409	38.0326	29.7305	31.6918	19.4801	28.0861
6.11646	5.34034	6.02951	5.87197	6.86408	6.45801
11.3351	9.87814	9.85919	10.8192	9.04875	9.99198
1.7275	2.42058	2.41527	1.66551	1.66433	1.88022
1.74371	1.02814	1.99122	2.15869	1.82884	2.57726
16.0294	14.1478	14.6446	17.0159	17.9164	16.2518
26.2663	23.9674	28.2079	27.6139	22.6742	29.5435
10.2189	9.59104	8.8423	9.7916	8.20275	8.6352
5.82897	12.8681	9.42988	9.87045	15.0624	7.8743
44.974	29.9184	29.0084	34.1821	32.9926	38.6244
17.5643	14.3652	17.7362	15.9452	17.7237	16.9077
3.52865	3.43438	3.70161	4.60144	5.59915	3.6198
0	0	0	0	0.0222387	0
0.106223	0.494348	0.343686	0.308351	0.329382	0.430486
15.5447	16.3094	17.6478	16.7084	16.8482	19.4838
2.25213	0.904561	1.24409	1.91345	0.809068	0.845928

0.66848	1.23643	1.21662	0.626624	0.582993	0.812739
0.602452	0.77642	1.07209	1.22419	0.560437	0.683631
23.0412	23.061	22.3446	25.0967	22.4631	25.4205
4.52476	4.50395	4.07694	5.32188	5.07864	4.59667
0.354238	0.639583	0.535698	0.525331	0.382067	0.436925
1.57162	0.656397	0.741564	0.570277	0.710702	0.849235
9.28788	8.57126	5.67608	7.14482	5.81684	4.31699
0.719072	0.514842	0.423938	0.286363	0.303366	0.528646
0.27488	0	0	0	0.213092	0
0	0	0	0	0	0
0	0	0	0	0	0
0.553445	0.538202	0.672958	0.431618	0.538507	0.471163
0	0	0	0	0	0
2.80629	2.55946	2.21624	3.78237	2.38295	3.3038
0.122327	0.112349	0.0507704	0.125869	0.0967466	0.107368
13.0752	14.7663	10.6856	12.6193	8.88216	9.06831
119.983	121.009	146.15	144.284	153.061	134.982
0.425831	0.348805	0.57255	0.201714	0.414578	0.756473
0	0	0	0	0	0
0	0	0	0	0	0
21.1974	19.1199	21.3711	19.9219	19.9405	21.966
13.5325	11.8169	14.684	14.4528	10.3121	13.2735
0.226476	0.210798	0.146554	0.197229	0.158011	0.11014
2.93268	4.75722	3.92893	4.3231	4.3693	4.97691
0.129889	0	0	0	0	0.0421117
2.29196	2.32282	1.75133	3.29691	1.89186	0.966413
12.557	15.4791	12.7096	11.8571	11.2608	13.3803
6.3725	5.09014	6.31843	6.56827	5.85277	6.18097
1.5081	0.269943	0.457452	0	0.292275	0.916774
44.3937	39.0362	74.5735	53.6694	67.1237	68.0087
3.64647	3.01731	1.98903	2.44954	1.67515	2.17449
31.2601	33.6299	30.1938	32.1623	34.9425	35.8306
21.3281	22.9716	17.2643	17.8578	17.8999	17.5107
0.524889	0.447301	0.733037	0.369725	0.430342	0.58705
0	0	0.00641929	0	0	0
1.15	1.04896	0.981184	1.00607	0.867075	0.881041
25.6039	39.5904	13.8651	19.9035	15.1187	6.63585
0.124348	0	0.502913	0	0.0963965	0.100788
0	0	0	0	0	0
36.8625	44.1713	50.7056	41.5445	55.3264	28.4934
7.07102	7.71871	7.62383	7.58169	7.62287	6.72506
0.224131	0.27461	0.174043	0.376664	0.18765	0.174399
10.4321	10.5315	6.82654	9.22489	9.12193	8.37517

41.2033	38.756	45.8223	45.0931	39.6206	40.7595
6.34818	5.86826	6.06214	6.27535	3.90107	6.53394
36.8431	32.0967	36.2612	33.4799	44.9385	31.9256
17.7197	15.9762	14.7243	20.48	15.4503	25.3092
1.83517	2.62789	2.44656	2.417	2.81896	2.2312
0.449303	0.450369	0.690521	0.782561	0.487629	0.655515
0	0	0	0	0	0
1.90421	2.97315	4.16087	2.62987	1.73326	2.8089
4.98398	5.82693	6.04716	4.62422	4.01038	5.65044
1538.3	1738.76	1695.27	1741	1641.55	1450.93
27.0439	29.0347	32.7111	27.3251	31.3737	26.9447
41.931	0	0	0	0	33.9865
7.74227	6.4374	7.05621	6.90686	8.19387	7.62009
1.13116	0.82642	0.87763	0.686881	0.742677	0.785869
83.739	92.4116	80.4046	99.7789	82.0917	100.047
25.3984	18.0113	22.7831	22.3585	22.2621	21.5168
0	0	0	0	0	0
0.244084	0.119572	0.39487	0.261043	0.278848	0.53104
0	0	0	0	0	0
0	0	0	0	0	0
13.2947	10.8876	14.0667	15.4745	14.2208	12.948
0.466528	0.228543	0.317781	0.213832	0.418764	0.0796077
7.4557	4.70289	7.04025	6.001	5.6242	6.80267
0.354921	0.363024	0.451139	0.257572	0.27514	0.205482
25.9762	21.0536	23.2464	20.8533	23.1224	25.572
26.436	20.7252	25.2419	25.7805	28.9402	27.654
0	0	0	0	0	0.132783
10.2925	7.09079	8.49315	9.42617	10.9936	7.66997
1.62981	1.13946	1.06241	1.28715	0.780369	1.28993
43.7428	44.1756	38.9939	43.2259	34.5479	44.8229
0	0	0	0	0	0
7.39026	8.70605	8.02109	6.43898	7.2776	7.2357
5.03146	5.43243	4.55714	4.65807	3.30165	5.43121
0	0	0	0	0	0
87.2471	84.459	90.7601	87.6739	91.2393	76.7744
16.5459	14.1421	16.9526	15.7409	16.1033	16.6029
13.3448	16.2896	12.963	12.9687	10.7342	13.8145
0	0	0	0	0	0
0	0	0	0	0	0
2.8722	2.15477	2.55337	2.64103	2.86614	2.61706
0.70096	0.470507	0.389807	0.445112	0.373584	0.390604
6.06479	4.15604	5.54794	5.74256	6.57999	5.96984
0	0	0	0.115965	0	0



39.7882	48.1113	38.1296	38.2197	42.5389	36.0161
0	0	0	0	0	0
0	0	0	0	0	0
17.335	14.9564	16.7456	15.2503	14.6952	16.3755
3.72103	2.90365	2.87811	4.70587	3.70784	4.15537
0	0	0	0	0	0
0.186406	0.0857979	0.18309	0.164267	0.144505	0.140297
0	0	0	0.130347	0	0.194108
10.8325	7.25336	8.51523	10.4449	7.29718	8.27981
0	0	0.0496808	0.044573	0.0476131	0
1.22208	0.538661	0.383867	0.574521	0.137672	0.672285
2.4371	1.8323	2.23582	2.10468	1.32944	2.01656
0	0	0	0	0	0
7.386	6.17257	6.70629	7.12998	6.62236	7.7466
0.0277069	0.123985	0.0224116	0	0.0214789	0
0	0	0	0	0	0
0.0332497	0.0714184	0.0806849	0.0482598	0.0515513	0.0808499
0	0.02757	0.0622943	0.0558898	0	0.0936326
0	36.5288	0	0	0	0
0	0.309309	0.232961	0.104505	0	0.116719
16.3453	12.5924	19.6252	16.3877	16.0324	17.9278
11.8463	10.23	13.2	13.4044	12.1633	12.8155
19.4654	21.424	20.3821	21.5325	18.7037	18.0751
0	0.053385	0.0301559	0.054111	0.0289008	0
7.32008	4.99835	6.39497	6.25716	6.65609	7.06304
27.7858	22.6906	25.3139	30.5202	25.2045	26.0768
0	0	0	0	0	0
3.20668	1.63995	3.18669	2.12768	2.34382	2.30208
28.9799	26.8727	33.8559	29.1508	28.5825	27.1552
88.4917	98.1674	101.567	97.4442	91.4743	85.8322
53.7452	48.8331	48.8061	49.6996	56.0736	52.5542
28.0901	30.0696	32.9929	33.4306	32.813	32.4365
0	0	0	0	0	0
27.857	28.0151	29.5655	27.6939	29.0709	26.3255
5.82678	5.78678	5.6634	6.10419	5.90126	6.09394
8.45285	7.32974	9.38235	8.4859	8.77344	8.29771
0.250048	0.21672	0.212904	0.152812	0.193841	0.394677
11.9799	12.3518	10.5288	12.2082	9.61991	10.5263
0	0	0	0	0	0
1.27177	0.606326	1.07725	2.39399	1.57065	2.27016
0.89169	0.550584	0.438243	0.520347	0.704524	0.552466
64.5599	59.5718	60.047	58.8514	58.3336	61.3937
383.162	421.633	387.124	415.535	415.995	359.152

8.81313	9.61821	9.89722	10.6184	8.62301	7.83687
5.31458	3.66892	5.17094	4.45061	5.01719	4.0974
10.0581	7.92746	8.92773	9.47088	7.70238	9.48942
7.18525	5.93175	5.79847	6.00507	4.73482	6.60966
18.2242	17.2343	18.112	16.7464	16.876	18.1995
0	0	0	0	0	0
117.182	138.92	127.646	132.831	125.362	129.299
0.0768527	0.0825376	0	0.0557734	0	0.0622917
27.9983	26.8059	27.9451	30.4234	25.657	26.7044
47.2156	46.5009	54.3211	46.8799	47.5846	35.4721
0	0	0	0	0	0
14.1837	13.21	13.0046	14.2585	13.9724	12.2757
10.9577	7.75439	10.1434	10.4394	7.79184	9.76457
20.1594	17.8381	20.5307	21.151	17.9834	18.1981
48.7921	50.2997	51.9998	53.4592	56.6246	51.0141
33.0605	27.9722	30.5501	31.2592	25.6018	31.8655
1.06417	1.29527	0.688626	1.6218	0.824959	1.55258
8.68783	7.61241	8.06261	8.37679	10.8942	9.53533
0.553779	0.521198	0.752791	0.401888	0.268311	0.448857
14.7162	14.7287	15.3963	15.2112	12.7813	14.3823
2.8402	0.983967	0.741091	1.06384	1.27845	0.816867
0	0	0	0	0	0
0.324396	0.0774204	349.979	0.47084	0.251477	0.0876446
0	0	0	0	0.0429663	0
16.9613	14.3845	13.6983	13.2605	12.1567	12.0874
0.181884	0.265877	0.229879	0.0329991	0.220312	0.445955
31.1824	27.609	31.3338	31.5322	27.7543	30.2899
132.379	107.713	129.035	150.758	143.85	145.614
0	0	0	0	0	0
43.7393	46.1883	50.7356	56.7967	52.3272	56.5127
0	0	0.0833625	0	0	0
15.4272	13.5734	11.6096	12.4769	15.2914	10.2647
29.7515	34.5474	34.9421	29.5484	34.9738	31.303
1.17172	0.92529	1.28229	1.28176	1.12206	1.45251
1.88762	1.38447	1.40769	1.83096	2.61969	2.55992
1.17467	1.0513	0.902656	1.83283	0.91062	0.952107
4.26865	4.94079	4.37094	4.09865	5.0822	7.55066
0.0615878	0.0661435	0.0747257	0.0446954	0.0238719	0.0748784
51.738	44.9141	52.83	51.6581	56.3781	53.6217
15.8266	11.9864	16.4491	15.3329	15.3898	14.9956
2.36092	2.04011	1.9097	1.71336	0.694223	1.51769
0.534351	0.220276	0.222662	0.564055	0.251053	0.472483
2.95489	1.28221	1.93143	0.823108	1.18004	0.943498

0.771203	0.487206	0.752242	0.345682	0.404427	0.404467
0.399283	0.857637	0.430629	0.386356	0.30953	0
0.261197	0.200269	0.0829108	0.222325	0.131889	0.241938
0.222398	0	0.0599643	0.161398	0	0.120174
7.97979	6.0758	7.36158	6.78559	6.99133	8.03985
28.4045	25.4079	26.8153	24.3318	22.2532	25.4045
39.3746	68.4685	39.6396	27.4141	28.8881	39.6103
0	0	0	0	0	0
0	0	0.0286094	0	0	0
0.19859	0.142187	0.138506	0.144121	0.284242	0.180074
0.449658	0.48292	0.363719	0.489488	0.958601	1.09339
0	0	0.0419936	0	0	0
0.117423	0	0	0	0	0.190351
13.2224	12.4424	11.9043	12.2658	12.0633	9.3292
0.230121	0.248975	0.085084	0.292263	0.146645	0.464461
0	0	0	0	0	0
21.0155	13.363	16.9014	16.587	21.689	8.17328
0.477005	0.380492	0.771174	0.474553	0.707418	0.900663
5.08961	3.08819	3.48888	2.62936	2.80869	4.26514
0	0	0.0403618	0	0	0
0	0	0	0.0343642	0.036708	0
20.3042	22.8923	21.8353	23.0907	20.3838	27.145
0.106574	0.0840908	0.0950016	0.1725	0.101534	0.023591
27.1882	25.2283	22.7942	21.71	24.9197	25.6577
373.991	443.014	356.449	399.314	441.447	219.578
0.22962	0.109602	0.123823	0.129609	0.158227	0.124077
27.0835	30.0024	31.5907	30.3793	26.8432	25.0056
0.239345	0.155499	0.0968005	0.297327	0.153052	0.0431102
0	0	0	0	0	0
0.806618	0.606246	0.789443	1.15839	0.704266	1.17806
0	0	0	0	0	0
16.4556	17.0707	16.2069	16.5676	17.5917	15.1812
0.806089	1.26972	0.869372	0.994488	1.04149	1.06716
0	0	0	0	0	0
1.11652	0.655143	1.40983	1.05033	0.842085	1.62104
0.357067	0.22377	0.351882	0.396552	0.242283	0.325518
5.3192	5.96272	4.99797	4.5361	3.98468	6.51789
0	0	0	0	0	0
35.3647	37.9645	32.9278	34.2417	29.4688	34.2981
4.74E-06	0.28131	4.72E-06	3.74E-06	2.89E-06	2.50E-06
2.47494	1.94661	3.1439	2.74659	4.23336	3.00303
4.17898	3.68051	4.54694	4.34785	4.67306	3.17737
0	0	0	0	0	0

3.27491	3.76229	3.15474	3.15448	2.86187	3.0526
4.56682	10.218	3.89923	6.3983	4.76953	6.52915
0.355492	0.210289	0.177959	0.0917541	0.0331175	0.261107
5.5369	3.15314	5.3993	5.86665	3.60901	6.51952
0.0758079	0.271385	0.122639	0	0	0.12289
6.38681	4.78371	5.7555	6.27753	5.82842	5.01338
1.82433	1.17278	1.49057	0.802394	0.714267	1.49362
0.0923071	0	0.298661	0.35149	0.0938656	0.0981421
0	0	0	0	0	0
0	0	0	0	0	0
10.8408	11.0863	11.4247	10.5039	10.9392	11.889
13.6681	11.5103	7.54717	12.8323	11.8354	14.8203
1.0874	1.08239	0.57944	1.13568	1.00745	0.967363
0	0.00763377	0	0	0.00826533	0
14.5904	12.2985	12.3521	14.7782	10.7999	12.4507
8.15678	6.21775	7.95399	7.54636	8.2363	7.0236
112.325	89.9967	95.7864	107.035	140.872	91.3197
0	0	0	0	0	0
0	0	0	0	0	0.318946
0.318643	0.330977	0.481842	0.20892	0.565236	0.108942
8.81966	5.26971	6.0269	6.66054	11.1734	3.12687
0	0	0	0	0	0.716451
32.8683	26.204	26.6326	33.1971	38.5815	29.6585
47.7	0	0	0	0	0
0.171378	0.0818021	0.107819	0.0690955	0.191901	0.18521
13.0853	10.4387	11.4721	10.1245	9.90911	10.7511
14.6381	12.9273	13.4379	14.2999	14.2447	12.0954
1.61338	2.50947	1.80004	1.37273	1.20759	0.992049
0	0	0	0	0.079075	0
0	0	0	0	0	0
0.0211168	0	0	0	0	0
2.06998	2.62294	2.14415	2.24793	1.09672	2.01576
1.70736	0.56756	1.45503	0.885044	0.992678	1.01319
4.01746	3.2478	4.31075	3.8561	5.18109	4.65212
0	0	0	0	0	0
1.78263	0.994495	1.2853	0.955684	0.751159	1.32916
4.19816	4.8971	2.9761	1.84855	1.97463	3.36452
12.5299	9.03155	11.8563	11.9865	12.42	14.3044
0	0.263876	0	0	0.142853	0
3.4551	3.24032	3.70011	4.02602	3.43294	3.70768
4.81673	3.98118	3.63182	3.85725	4.0868	4.17269
0.570743	0.485657	0.618478	0.555887	0.17244	0.468487
0.517406	0.322652	0.202509	0.27859	0.439917	0.581713

0	0	0	0	0	0
17.2197	14.3994	15.2885	15.4936	14.7383	16.9026
0	0	0	0	0	0
10.6868	8.85467	11.3476	11.5923	12.1487	10.6362
5.13288	5.31027	6.06594	5.73278	5.20507	5.35314
0	0	0	0	0	0
543.299	721.939	609.682	616.979	510.444	672.707
0.295936	0.370797	0.418909	0.322149	0.516181	0.179899
14.3526	14.8989	15.1666	14.8628	12.4589	13.9332
1.3498	1.90078	2.19636	0.979576	1.76994	1.37655
2.68754	3.06068	2.9404	3.46549	1.82769	2.33589
0	0	0	0	0	0
0	0	0	0	0	0
149.919	151.085	163.833	158.112	174.329	132.054
24.0005	23.5173	27.1705	26.2179	20.3317	17.6067
0.954344	0.404914	0.922527	1.09445	0.45668	1.06957
0	0	0	0	0	0
0	0	0	0	0	0
4.4551	3.51525	3.47935	3.20411	4.02539	5.10994
42.3166	39.1243	42.2153	43.8702	38.59	39.5213
21.3539	22.0963	17.7252	21.0316	18.6034	22.212
1.8617	0.93167	1.78145	1.79558	1.91804	1.36469
33.358	28.917	29.7422	30.1856	36.5989	31.0879
0.876589	0.890578	1.1662	0.964236	0.526197	1.0311
0.0390155	0	0	0	0	0
4.61558	3.82257	4.73647	4.64946	4.61945	5.83498
52.9234	46.6827	43.9828	44.4617	48.4433	47.1206
0.652859	0.431478	0.446841	0.437346	0.467175	0.447754
91.79	90.4476	92.3942	62.412	64.8299	64.3617
25.9217	19.9549	24.4133	22.3883	19.7064	22.4999
25.5182	23.296	25.8382	25.3904	22.884	29.1532
6.71808	7.1766	7.33519	7.61689	7.35437	7.52416
7.15436	5.20589	5.80671	6.22126	5.18272	6.84825
21.7192	19.8265	26.003	22.1713	26.0653	27.5221
0.254039	0.145509	0.123292	0.0737441	0.0393869	0.370632
4.0285	3.33386	3.60888	3.62521	3.0805	3.46116
0	0	0	0	0	0
0	1.11982	0	0.399334	0.252213	0.407002
10.5976	7.90594	7.68281	9.47354	7.76205	9.38612
0.109065	0.140561	0.146312	0.195584	0.1691	0.212915
9.82637	10.4569	11.977	10.306	10.6959	12.0015
0	0	0	0	0	0
0.23078	0.315447	0.152733	0.182707	0.16264	0.03401

15.0144	10.0764	13.5083	13.9688	10.8796	13.6631
11.3714	10.2436	10.6977	11.213	9.96426	9.06235
13.6931	10.5883	12.2252	11.7757	12.9371	12.8468
0	0	0	0	0	0
14.6799	12.8529	13.1635	14.58	15.5094	12.8164
15.2973	15.3946	15.1386	16.0108	18.0233	9.60091
15.5332	13.602	13.4272	14.784	16.7367	14.7438
18.1603	15.9385	17.6407	17.5425	16.4684	18.943
11.6009	10.0456	11.1471	9.11594	12.7007	10.158
0	0	0	0.0732603	0	0
0.0707224	0.101272	0.114412	0.153974	0.10965	0.171969
7.7994	6.41509	7.42209	5.93436	6.50648	7.37164
54.4551	67.9702	64.6571	63.0373	53.4569	52.534
7.60E-207	0	1.74E-202	0.0882884	7.25E-266	0.071138
0.504523	0.884748	0.865694	1.01457	0.71798	0.88642
24.7009	20.3537	26.57	23.0835	15.1172	11.5208
0.0597317	0	0	0.0433483	0	0
0.623536	0.526301	0.718122	0.550323	0.635344	0.270189
0	0	0	0	0	0
8.00638	6.77142	8.84053	7.51136	6.17263	8.87951
0	0	0	0	0	0
17.3185	16.4498	21.3716	18.9303	13.3468	12.903
9.52405	10.279	10.2722	8.76714	10.1709	8.80344
0.138319	0.187491	0.0621259	0.180074	0.149152	0.261161
10.9047	10.6761	14.5726	11.5365	12.7945	13.9303
0	0	0	0	0	0
14.4543	11.7974	15.4078	13.5455	11.6281	13.5294
14.1942	13.724	10.8686	12.0588	11.8226	11.2221
0	0.0862689	0.0974623	0	0	0
53.3643	40.9462	57.8298	54.3175	53.0184	46.0688
3.33403	3.33225	3.88781	3.36528	2.84699	4.49933
0	0	0	0	0	0
43.0074	43.3527	42.44	41.85	37.7653	43.5315
0	0	0	0	0	0
37.2752	23.0442	40.2782	30.8641	19.1988	48.5148
0	0	0	0	0	0
0.124712	0.133938	0.353071	0.090506	0.096679	0.303251
29.6233	33.556	31.4969	30.537	30.154	31.0574
0	0	0	0	0	0
0.0987991	0.141476	0.319666	0.322651	0	0.16016
1.22901	1.30834	0.693268	0.856706	0.814849	0.7209
1.1526	1.04373	1.01242	1.13038	1.23001	0.815281
0	0	0.120965	0.108529	0.115931	0

16.2942	12.2659	13.8869	15.2866	15.059	15.9812
6.0242	5.46089	6.15946	5.85534	5.02085	5.72074
20.5036	17.8021	19.298	17.8643	20.1567	21.4296
46.3916	45.5879	46.3638	42.9088	29.7325	38.8893
0	0.0212561	0	0.0107726	0.0230146	0.0120316
0	0.138727	0	0	0	0
8.86793	6.37072	7.22155	7.74013	8.37256	7.67341
0	0	0	0	0	0
0	0	0	0	0	0
0.00916359	0.0196829	0.0148245	0.00332509	0.0106556	0.0037137
0	0	0	0	0	0
76.969	107.836	87.3285	66.7308	61.023	74.4741
1.17002	1.03274	1.03258	1.53138	0.667398	0.887153
3.50794	3.55375	2.6977	3.82665	3.26897	3.44728
8.77188	9.25958	11.9066	9.93003	9.85996	7.85075
1.49351	1.58074	1.15554	1.36661	1.45982	0.947376
19.7622	22.9624	22.7752	20.7888	16.604	22.5065
1.44468	1.08068	1.70925	1.17362	1.45425	1.45059
0.0892938	0.0887961	0.01605	0.0648021	0	0
0	0	0	0.090854	0	0
5.76454	4.21382	5.40574	5.45512	4.77792	5.08375
0	0	0	0	0	0
0	0	0	0	0	0
0.0506334	0	0	0	0	0
14.4944	25.8827	16.7091	13.8419	16.7344	10.6878
5.62883	5.81589	5.9707	5.65038	5.74837	5.16334
16.2976	18.3297	15.5997	13.3059	11.2128	13.5125
10.7442	8.25828	9.80906	8.67158	7.11951	9.81311
27.9413	22.6891	18.8819	29.0732	16.0107	14.1568
656.832	1280.9	730.597	840.328	610.761	1532.15
1.6469	0.93519	0.689042	0.783055	0.528292	0.736481
0	0	0.0380094	0	0	0
1.07946	1.39117	1.04778	1.14896	1.11575	0.816607
0	0	0	0	0	0
14.2868	12.9719	13.1243	13.8413	12.0628	11.9648
6.91894	5.17839	4.89131	4.8391	5.75755	8.19596
7.86464	16.0644	13.2418	13.5285	11.1544	8.00571
6.45491	5.34216	4.68789	5.41482	5.40749	3.54421
0.292154	0.683814	0.517554	0.812206	1.11299	1.06479
17.0739	12.8406	15.4226	15.5132	18.0107	15.1971
1.49791	0.925293	1.43715	0.899545	1.28391	1.20106
0	0	0	0	0	0
0	0	0	0	0	0

0.725575	0.809482	0.53512	0.4677	0.626784	0.87469
0	0	0	0	0	0
0	0	0	0	0	0
11.243	8.87101	9.02611	9.98383	9.70923	8.91864
9.62574	9.15254	9.44086	9.89578	9.93948	9.75776
1.34902	1.32036	1.4896	1.755	1.26456	1.39049
0	0	0	0	0	0
0.960824	1.15123	0.697886	1.25227	1.03366	1.50988
3.05083	3.16686	3.16449	3.12345	2.97163	3.27377
20.7549	25.6006	21.7749	27.9248	23.8954	26.6913
0.60072	0.559136	0.48591	0.435954	0.186275	1.41202
17.3105	21.8294	20.3809	19.8678	18.4734	19.2037
72.2799	61.467	72.1053	69.2924	92.0482	71.8555
0.794895	0.10163	0.114817	0.803497	0.726253	0.828372
27.5884	24.3546	27.5398	24.4294	29.2211	28.5988
0.00015108	5.69E-08	5.76E-06	6.81E-08	7.69E-07	0.293782
0	0	0.0498074	0	0.0477345	0
2.51051	1.5177	1.99619	1.41388	1.07663	1.76451
0	0	0	0	0	0
0.465348	0.230539	0.340756	0.367559	0.127902	0.207355
0.0426701	0.0916529	0	0.0928994	0.0330785	0.138342
25.1665	23.051	24.0856	25.9971	16.873	6.43189
1.99376	2.98094	1.40835	1.84413	0.637295	0.66633
6.00866	6.6109	7.65995	7.30146	7.27449	7.5972
9.02004	7.32714	7.43775	7.48939	7.2723	5.05792
0.105271	0.0418734	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.330233	0	0	0	0	0
0	0	0	0	0	0
9.9551	7.80046	9.15664	8.74532	8.89168	10.2146
53.1964	36.4803	40.1813	45.3869	57.2292	32.5666
64.8332	69.9167	64.8454	70.2041	64.5869	56.3843
16.6272	17.2915	14.9589	16.5601	16.6507	15.3052
1.89871	2.55242	1.88061	2.50277	2.79362	2.54401
19.6247	22.6975	17.4203	19.3775	18.3352	16.7704
101.487	110.136	116.151	113.732	115.052	92.7742
0.361713	0.442424	0.377919	0.185939	0.362191	0.378692
3.24403	2.39412	2.22039	1.84725	2.51483	2.0227
0.0610348	0.0737435	0.0277706	0.0249154	0.044358	0.0278274
16.9961	15.3645	17.5753	16.9563	14.4149	16.5436
0.0352212	0.0126088	0	0.0127803	0.054608	0.0253759
0	0	0	0	0	0



62.7995	78.6411	77.023	73.9187	68.3266	69.8627
27.1173	45.2081	40.2169	32.2111	26.7725	45.6482
9.27122	8.25158	9.95798	9.05642	8.80369	10.2774
0	0	0	0	0	0
4.56868	5.17043	4.35117	5.18727	3.31321	2.74744
0.884529	0.34544	0.422782	0.408494	0.467523	0.260706
136.164	113.413	120.05	112.946	163.073	92.5616
0.44758	0.381728	0.249084	0.2233	0.247465	0.0693314
1.12351	0.536274	0.942442	1.08713	1.2258	0.674549
28.0162	18.0208	21.6456	25.8059	18.9721	21.2212
0	0	0.00583003	0	0	0
55.2706	51.6764	53.9541	56.0572	57.606	51.0486
0	0	0	0	0	0
12.9789	10.0801	13.8792	11.4944	9.54983	10.8764
30.7042	25.5252	32.8197	28.1386	39.7413	20.7667
15.2637	14.1514	11.6132	12.7051	8.49755	11.0626
2.96215	3.50674	3.17888	3.03297	2.35314	3.23293
794.565	1253.93	1222.41	1133.87	897.971	1690.28
22.7367	20.5217	19.4753	24.2286	21.5776	21.0373
26.8287	26.3084	19.343	22.6916	15.2659	21.2205
0	0	0	0	0	0
0.0256108	0.0183368	0	0.0557585	0.119123	0
0	0	0	0	0	0
6.75479	4.42294	5.04352	6.07523	5.28117	5.84934
84.1295	70.6779	87.2433	90.2391	99.5483	88.0213
5.12371	4.74602	6.37582	5.46778	4.9134	5.16014
0.449298	0.1316	0.247792	0.266779	0.221647	0.0993194
7.59509	9.69823	9.03918	8.10985	8.17546	7.09713
107.874	87.977	99.5682	111.778	90.6542	98.4918
0	0	0	0	0	0
0	0.0876997	0	0	0	0
1.25034	0.804399	1.12863	0.881092	1.18	1.39805
19.7193	18.1525	18.1092	20.3899	25.9184	17.2449
13.6349	12.0864	9.45437	17.2558	10.504	8.53468
10.3916	7.91957	9.64346	9.35606	9.57402	9.92898
0.28464	0.203797	0.216696	0.133662	0.194698	0.189997
16.1874	18.1198	17.3423	18.193	22.2471	15.0169
484.281	578.146	585.89	478.822	585.135	515.471
0	0.222147	0.100388	0.0675504	0.0962102	0.100593
7.10894	7.3379	8.00412	6.46795	4.80779	5.56879
2.34523	2.22968	2.70557	2.03679	2.1459	2.67994
545.864	644.344	658.449	630.307	615.271	593.847
0.292572	0	0	0.318487	0	0

0	0.088295	0	0.0529561	0	0.0525734
2.33933	1.89267	1.07662	1.52074	0.975626	1.01801
1.69515	1.35856	1.1024	1.36706	1.32285	1.42795
0.498468	0.178447	0.483841	0.217048	0.347778	0.242415
4.12412	6.92959	4.87493	6.30457	5.01053	7.03654
0.1885	0.21594	0.0914843	0.109438	0.175354	0.305571
1.28799	1.17225	0.794613	1.37831	0.913851	1.09704
0.349057	0.462504	0.236506	0.359704	0.226663	0.488703
0	0	0	0	0	0
0.840426	0.376081	0.594828	0.304956	0.977267	0.851492
8.06756	6.20698	7.23353	5.8746	6.48728	7.09318
0	0	0	0	0	0
60.8076	56.7859	66.712	68.7564	65.3951	61.6595
0.127274	0	0	0	0	0.0687734
0.325005	0.29574	0.442176	0.364225	0.186787	0.482534
14.4733	16.1563	15.9644	15.3495	16.218	13.8374
5.02596	3.05818	4.33398	4.20604	3.53349	4.15934
13.3208	11.1121	11.0291	11.6735	17.3896	13.0888
7.219	5.51486	6.4316	6.06306	3.64517	5.9855
0.0602683	0.0431509	0	0.131213	0	0.0488495
70.9791	71.247	69.8576	72.5036	72.1595	69.7409
0.0389741	0.125572	0.168136	0.0282842	0.305911	0.0315898
42.0696	35.7132	40.4349	41.6841	43.8445	36.4261
0.608658	0.508419	0.410276	0.515333	0.235921	0
10.9832	9.77249	8.32443	8.24281	6.79441	9.31183
0	0	0.226274	0	0	0
61.4353	52.6668	51.8791	59.4957	62.304	58.4074
4.5768	3.73966	4.29238	3.67638	3.51929	4.24433
0.650408	0.598731	1.01462	0.505728	0.648265	0.979044
1.25936	1.43927	0.736185	1.11449	1.15563	1.42777
0	0	0	0	0	0
1.32597	0.780591	0.357516	0.171072	0.388322	1.09863
0	0.0303928	0	0	0	0
0	0	0	0	0	0
662.72	640.882	684.039	709.624	758.169	645.155
0	0	0	0	0	0
0.100067	0.143293	0.0809426	0.508345	0.155148	0.162216
0.233099	0.140817	0.141412	0.0317181	0.180702	0.159414
0	0.0697547	0	0.0707033	0	0
0.525252	0.144642	0.294138	0.527794	0.34454	0.556729
0.926814	0.427494	0.50958	0.624704	0.360871	0.43058
1.18954	0.917206	0.715481	1.37238	0.898509	1.63167
6.60641	6.64479	6.38336	6.64157	5.83883	5.27488

0	0	0	0	0	0
1.56667	0.918258	1.29606	1.50078	1.29367	1.21612
17.7712	18.1663	17.0283	16.8148	12.3496	13.8501
7.54594	6.22046	7.04406	5.56502	6.38727	6.66174
0.443251	0.528932	0.478049	0.21445	0.68723	0.598783
0.295048	0.686559	0.238658	0.428244	0.171544	0.418506
71.7958	64.2262	64.7547	64.1502	63.4543	60.115
0	0.0961602	0.108637	0.194936	0.104116	0.217718
0	0	0	0	0	0
2.68273	2.30601	2.25248	3.08853	1.73678	1.99657
0	0	0	0	0.0744445	0
48.8873	43.0497	37.7345	48.2441	29.3057	34.9111
4.04328	3.49761	2.66768	2.87427	2.20503	2.88014
0	0	0	0.0141589	0	0
0.142331	0.0940043	0.122181	0.0834677	0.0657898	0.117954
21.13	21.3515	18.2888	19.1509	18.6262	21.874
21.3164	18.8156	20.0534	20.2673	22.5034	19.1209
0	0	0	0	0	0
6.32E-07	5.23E-07	1.59E-05	1.20E-06	1.00E-06	1.10E-07
1.30985	0.757602	1.38408	1.81643	1.03735	1.67865
14.9808	20.4901	14.8425	15.0819	8.96868	14.0645
69.8576	64.507	36.1016	89.7243	105.671	45.7054
2.96318	6.19272	1.74906	4.18462	5.21504	2.01228
0.359005	0.257041	0.254093	0.455939	0.278306	0.509225
18.1779	17.0344	14.2443	15.4958	12.4598	18.336
10.897	14.471	7.66335	9.30625	5.38635	8.11467
0	0	0	0	0	0
0	0	0	0	0	0
11.587	5.71622	9.72337	5.60304	3.70933	8.0442
0.133388	0.181313	0.126441	0.096802	0.0193844	0.225249
21.9765	42.6344	36.7847	31.6869	34.0168	33.2738
0.375138	0.417809	0.573167	0.544488	0.193875	0.337846
90.9926	116.662	75.9721	66.9908	86.7269	76.373
0.873005	1.54595	0.902932	1.22684	0.756858	1.45602
18.1039	14.4038	11.7726	11.232	12.9337	17.7811
11.4923	9.41336	13.4342	11.3295	10.2796	15.3724
0	0	0	0	0	0
31.6744	31.8782	33.3322	32.3619	35.667	36.0321
8.55429	6.48796	8.16011	7.32116	7.22596	8.51151
0.90027	2.51862	1.76658	0.883221	0.504041	0.743212
12.5333	9.46867	7.12991	9.95938	5.52872	6.86737
14.7522	16.2581	12.8698	18.2168	15.6871	15.4629
0	0	0	0	0.0252189	0

0	0	0	0	0	0
1.58E-113	0.218998	9.88E-72	2.94E-12	0.517722	0.240929
26.5579	25.3155	26.3697	28.3367	26.0755	22.6935
0.0639632	0.0228982	0.0258693	0	0.0743779	0.0259222
77.2049	72.7265	69.9888	82.7241	57.8952	70.5065
2.59405	1.47047	1.72377	1.60982	1.34551	1.8567
5.92723	5.34628	6.18825	6.15512	5.24858	5.39855
21.6945	21.7111	21.1006	20.7051	17.2034	19.7362
0.211892	0.0337135	0.0571317	0.102516	0.164262	0.228994
0.416379	0.29812	0.1684	0.302174	0.161392	0.168745
0.506215	0.414217	0.818934	0.839701	0.504547	0.468919
8.11088	11.3178	12.0041	10.5694	6.96082	9.30937
2.62317	2.57744	3.25046	2.22771	4.1752	2.14878
0	0	0	0.0945428	0	0
6.62501	6.16667	8.40091	6.2958	5.119	4.83914
9.99843	9.35822	9.9173	10.8251	7.29171	10.147
7.56546	6.149	7.66464	6.25446	9.08295	6.68065
2.46411	1.23087	1.59756	1.62435	1.53692	1.61719
5.10622	4.00162	1.4604	3.6161	3.13171	3.77673
4.0866	2.64579	2.42643	2.71332	2.22434	3.06567
7.59572	5.68759	7.08798	7.11702	6.82474	7.10248
0.921318	0.808525	0.997534	0.582395	0.725733	0.80695
0	0	0	0	0	0
0.42994	0.211832	0.497759	0.352217	0.372997	0.292687
0.0908299	0.468235	0	0.263668	0	0.294483
621.374	596.933	584.411	612.084	679.83	603.145
49.0018	60.0297	40.7636	37.0842	32.2966	39.5208
3.99567	1.67463	4.41446	3.43017	3.853	5.68734
13.0054	10.9365	10.0962	10.5151	11.8413	7.9237
0.226722	0.0324657	0	0.0658145	0.140607	0.147013
4.88557	3.36612	4.99652	4.5481	3.48447	4.29576
11.3849	10.5372	9.19523	9.33914	8.31395	8.46897
1.26025	1.1677	0.659607	0.860789	2.12634	1.56226
32.7266	31.3313	33.7517	32.3362	32.486	32.9608
4.51328	3.01778	3.53002	3.43778	5.03128	3.93026
0.191274	0	0	0	0	0.155034
4.79664	4.68799	6.29402	6.54201	6.02023	6.66476
0	0	0	0	0	0
0.723011	0.333696	0.613653	0.647698	0.505112	0.586025
9.88543	7.18301	9.21498	7.68279	11.4498	10.338
0	0	0	0	0	0
1.29078	0.848142	0.692363	0.794585	0.595084	1.1192
0.107304	0	0	0	0.124776	0.0434867

56.9407	61.3738	56.3488	64.5091	57.7379	60.5019
8.05596	7.83443	6.50326	6.67357	7.31838	7.26347
3.82283	2.13834	3.33379	3.20778	3.56548	2.95329
0	0	0	0.0271515	0.0290034	0.0606495
15.8511	14.6717	16.9353	12.7267	13.7284	14.2945
1.44663	1.87557	1.13853	1.70246	1.84888	2.15495
7.84499	11.4335	6.8634	9.79049	15.5347	7.7687
2.15624	2.31252	1.73732	2.1075	2.11825	3.00509
35.0882	36.1667	41.9354	45.2659	42.3338	49.3568
4.55144	4.94983	4.78325	4.49167	5.69347	4.26202
1.05168	1.19142	1.14142	0.937118	0.712076	1.0898
13.267	10.5623	10.6275	12.841	11.3255	12.8485
0	0	0	0	0	0
0.208766	0	0.731755	0.353512	0.647355	0
11.5382	10.5172	10.4039	11.2342	9.12532	10.4748
182.493	214.451	186.538	158.195	226.803	181.081
25.1554	18.9256	23.3578	20.7478	24.6391	19.5219
1.02032	0.433751	0.722149	0.578486	0.790965	0.930376
0.241046	0	0.0924215	0.084164	0	0
53.0446	45.7941	54.1755	53.9677	59.5661	30.3057
0	0.0170263	0.00610648	0.0259324	0.00585234	0.0367648
4.31341	3.56014	4.57127	4.82591	5.85168	4.69392
10.6475	9.84495	9.74856	9.50478	12.7356	8.12717
0	0	0	0	0	0
46.9914	34.3459	37.6378	38.3375	38.8392	40.1575
2.54682	2.14471	2.71795	2.73367	2.34961	2.19776
30.1966	31.1256	30.3914	32.8083	33.7007	34.1811
0.942273	0.453855	0.388022	0.646525	0.398435	0.361043
5.62377	5.30811	5.42417	5.18642	4.62888	4.99135
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.12645	2.93084	3.57707	2.94114	2.35914	2.74807
0	0	0	0	0	0
18.708	18.8042	19.0658	19.8412	19.7635	18.3266
1.01792	1.59014	1.19764	1.74608	0.789111	0.900068
19.6988	20.1679	20.3528	19.9822	21.0765	17.3662
15.7516	14.3967	18.904	16.9845	21.6868	20.7685
0	0	0	0	0	0
2.17599	1.55966	1.61888	1.35308	1.22947	1.90068
0.333145	0.141625	0.320001	0.445763	0.217906	0.514736
0	0	0	0	62.1333	0
0	0	0	0	0	0

0.714914	1.02373	1.05142	0.754656	1.20919	0.842854
0	0	0.076093	0	0.0729262	0
3.11208	3.75018	2.54481	5.55367	2.14887	2.85326
2.90832	2.37286	2.47284	2.68982	2.07631	2.74104
32.4096	33.5848	28.3736	30.2272	18.6729	23.7235
0.123516	0.17687	0	0.0896374	0	0
9.73493	7.23341	9.34905	12.6072	15.3981	13.1241
18.2606	18.7461	21.2871	18.587	21.2859	23.3167
0	0	0	0	0	0
0.114297	0.244832	0.123274	0.0933178	0.202535	0.25735
0.576188	0.781654	0.956663	0.528189	1.36352	0.983199
0.0880814	0.126129	0.118745	0.127844	0.159325	0.0713929
7.10294	5.38052	5.28732	5.5127	6.45616	5.78041
13.7215	8.7048	10.9019	10.8814	12.3045	11.7024
20.4602	9.36369	27.0794	15.3113	12.4345	10.8219
2.35829	1.73673	1.93482	2.29824	1.8543	1.31072
0	0	0	0	0	0
0.411401	0.197209	0.277516	0.169136	0.30427	0.309883
0.708673	0.663519	0.661421	1.20662	0.655024	0.773236
0.00694377	0.00497161	0.00280834	0.0151177	0.0161488	0.00562816
9.57252	8.25225	8.67985	8.02245	9.19377	10.4551
67.8841	81.4223	72.0379	65.0234	64.0188	65.3201
2.80077	2.2221	2.3311	2.21009	2.38997	2.58426
0.41343	0.0623175	0.246411	0.236869	0.404839	0.211641
25.6474	37.903	27.3613	20.6653	14.3346	27.533
1.39896	1.09514	1.4655	1.43072	1.26706	1.80746
0.13424	0.0961136	0.0542922	0.243552	0.0520327	0.16321
0	0.0384978	0.0434929	0.0390213	0.0416827	0
2.35324	1.69909	1.39926	1.55256	2.17996	2.12506
0	0.0196021	0.044291	0	0	0.0221908
0	0	0.380057	0	0	0
16.671	16.1017	18.1661	17.534	18.2265	17.731
0.160474	0.258516	0.292059	0.465835	0.0622009	0.682864
0	0.0592032	0	0	0	0.0670216
0	0	0	0	0	0
0.26152	0.327676	0.290865	0.166066	0.228076	0.132482
0.716239	0.512813	1.03456	0.779681	1.03116	1.24436
1.03557	0.139022	0.15706	0	0.802793	0.157382
3.14686	1.60935	2.66664	2.71873	1.27783	1.57897
2.2221	1.859	1.58304	2.12856	1.71308	1.59276
3.16886	3.43716	3.0025	2.626	2.54845	3.04791
12.36	11.8069	10.6354	12.2192	9.97278	10.9127
0	0	0	0	0	0

0	0	0	0	0	0
1.78234	1.94457	2.03669	2.05314	1.3159	1.53637
0	0	0	0	0	0
0.438992	0.502897	0.315637	0.318584	0.3025	0.800592
0	0	0	0	0	0
3.61233	5.0845	3.7835	4.25278	4.03766	3.02211
5.70269	5.46646	5.2885	4.39399	4.34365	4.76488
68.8418	66.0306	62.0135	67.2047	67.4089	57.4745
65.559	94.2341	73.7393	75.2424	58.8891	59.766
7.96056	5.91718	7.50821	8.26106	7.09173	7.95441
0.398152	0.39766	0.396876	0.403068	0.401872	0.502666
5.31074	7.07771	5.61425	5.41863	4.89145	6.35025
0.477221	0.341681	0.386014	0.148426	0.369949	0.331546
0.152047	0.145151	0.112739	0.202296	0.0687571	0.112969
0.226346	0.315805	0.369544	0.250637	0.427276	0.821005
0.273135	0.122225	0.193317	0.0991095	0.0264673	0.0830194
11.4705	10.5951	11.3298	10.9426	12.1749	10.0342
0.957868	0.997549	2.46527	1.64306	0.945069	2.89379
0	0	0	0.03063	0	0.0342097
19.7463	19.0406	18.8632	18.1771	14.5626	17.7212
46.3739	55.0438	50.2357	51.2257	57.7596	47.7883
0.058192	0.0416644	0.0313802	0.056308	0.0300742	0.0314444
5.78857	4.45583	4.57234	3.90503	5.05621	4.4275
13.9089	15.1569	14.3919	15.3936	17.6543	16.6453
0.0468708	0.0671172	0.113739	0	0.036335	0
6.2158	5.61971	5.56019	5.97917	4.53514	6.10501
0.801868	1.05419	1.24388	1.03774	0.989256	0.905983
7.99637	6.91383	7.82035	7.55083	7.05987	8.88814
11.9022	12.058	13.5958	13.4102	14.8805	14.8608
1.78924	1.89597	1.36044	1.714	1.40092	1.46474
0	0	0	0	0	0
0	0	0	0	0	0
137.425	134.802	146.766	161.136	176.991	143.876
0.630763	0.77289	0.643908	0.252244	0.459996	0.668296
0.311255	0.445705	0.352475	0.180707	0.144774	0.353196
12.9886	11.0718	12.1468	12.0875	14.3751	14.9092
630.245	1054.46	645.4	861.814	599.757	553.852
34.2926	29.9156	29.7245	31.4082	30.0641	29.272
12.7025	11.279	12.1062	11.3399	12.3193	14.4486
0	0	0	0	0	0
1.68963	1.55538	1.3667	4.02892	1.02915	2.15207
2.79774	3.06697	2.40789	2.30616	2.18854	1.68282
3.43656	4.25495	3.70863	3.82758	1.80769	4.13213

0	0.0761923	0.344313	0.308914	0.577471	0.431272
0.0454067	0.130041	0.0183643	0.0329525	0.0352	0.0368037
19.3979	15.4275	17.0448	18.5794	17.097	18.1785
0.572508	0.345857	0.390732	0	0	0.348027
0	0	0	0	0	0
9.05864	7.9928	8.37461	7.84309	9.96491	4.16321
0	0	0	0	0	0
2.63556	1.56635	1.41564	4.01072	1.12733	1.53229
4.79225	3.69146	3.28292	4.11586	3.79957	3.6807
33.1049	27.5477	26.3546	27.7624	22.226	29.5784
3.93079	5.04527	3.79993	2.43518	2.37831	2.95291
3.48645	2.69376	3.54229	2.9001	2.37317	2.48129
10.0203	7.78371	9.82636	10.5007	9.86727	9.94055
7.44143	5.72667	7.02168	6.41616	5.85134	5.9258
16.582	19.0511	18.5597	20.9893	19.8799	19.6134
62.4862	51.7138	54.165	57.0486	46.0729	55.2406
187.319	259.678	145.778	30.0413	27.253	66.5096
21.5891	21.3069	18.8514	22.5621	22.4166	20.8048
0	0	0	0	0	0
4.09997	2.72932	2.96715	2.88767	2.32505	3.26308
0.360942	0.279963	0.462267	0.480227	0.139904	0.365694
7.24546	5.42957	7.14838	6.43677	7.40068	5.50732
0.101179	0.289769	0.0204604	0.110141	0.0588266	0.0410045
10.1247	7.73181	9.46706	8.21441	10.1276	10.2276
73.6543	85.2671	80.1955	71.5291	94.678	62.6668
0	0	0	0	0	0
33.5577	24.234	27.1776	24.8639	29.4467	15.8301
0.354861	0.195441	0.15456	0.0792397	0	0.132751
50.6243	50.3167	44.9475	48.8862	44.8329	41.1251
1.21946	1.13505	0.690479	0.64899	0.913835	0.955469
0.136867	0.0734958	0.0553546	0.186238	0.106102	0.110936
0	0	0	0	0	0
3.43913	2.86743	4.26036	4.13531	3.43183	3.71778
1.5572	0.477825	1.16962	2.7445	1.29339	1.08185
6.40433	5.82315	6.03843	6.48688	6.32014	6.24185
8.71213	15.1591	10.9803	10.072	9.10974	13.3018
0	0	0	0	0	0
0	0	0	0	0	0
16.1445	14.6642	15.4861	14.3672	15.1182	12.7649
21.7802	19.4616	21.2776	21.5533	19.2409	20.9813
0.060867	0.0637513	0.0875283	0.0995363	0.106325	0.0877073
17.4512	13.9014	17.8678	17.4333	16.1467	17.3126
56.5611	48.7541	64.4077	74.1245	80.4572	50.2966



36.7186	27.2072	35.4794	38.0997	43.6544	36.4467
5.74279	4.99143	5.15265	5.11596	4.71667	5.54053
9.06791	6.94722	9.07884	7.70417	7.12344	8.47579
15.3393	13.5607	13.6018	12.3602	13.5381	14.4176
1.58669	1.84606	2.11233	2.7108	2.22942	2.14344
0.974118	1.56926	2.20378	1.21504	0.920341	1.36939
0.416709	0.358027	0.269654	0.486022	0.193824	0.47286
6.94614	3.76063	4.70756	6.57207	4.9734	6.69608
18.2048	25.8696	21.2538	24.5643	15.9835	25.0542
3.14714	2.28964	2.83307	2.33305	2.57088	2.45486
7.37628	5.96365	6.42014	6.14494	5.74417	6.3635
34.0351	31.924	33.913	26.9767	43.7408	12.3677
0	0	0	0	0	0
0.0519555	0	0	0.0678691	0	0.0962553
4.96002	3.45576	4.7142	3.26188	4.94108	4.64081
7.76302	5.86177	6.88618	6.62796	6.80187	6.583
0	0	0	0	0	0.365316
5.41793	5.75693	6.78303	5.40947	5.27014	6.96472
0.131611	4.98E-09	2.16E-08	0.282189	1.66E-06	8.14E-07
32.6531	28.3923	27.9826	35.5706	33.8584	27.5341
4.13477	2.70138	2.78711	3.61332	2.28381	2.96038
0.23635	0	0.0955894	0	0.0916112	0.0957849
3.52802	3.85122	3.97869	4.1485	3.33746	4.23549
0.0946433	0.169407	0.30622	0.171711	0.0733689	0.0767115
15.6594	13.7794	12.4959	14.2013	10.4239	15.3265
0.726344	0.754644	0.781199	0.816322	0.782705	0.753812
5.31741	4.82827	6.40889	7.35815	5.54179	6.03383
3.57241	2.42688	2.17539	2.66704	2.50498	3.18886
12.3418	14.824	14.5381	12.7253	14.665	11.4793
19.6345	21.0196	23.5079	23.8395	26.8398	25.2541
10.5176	7.86883	9.46336	7.97585	9.61917	7.27965
168.666	227.724	162.032	113.988	114.035	221.5
0.0771338	0.0276132	0.062392	0.167932	0.0597953	0.187559
1.76554	1.05983	0.996734	1.53111	0.979928	1.14676
0.0897844	0	0	0	0	0
195.649	289.044	224.05	169.739	144.078	295.359
6.92286	6.2201	6.24167	6.93364	6.83993	6.76223
0	0	0	0	0	0
26.4624	21.8302	23.582	25.4924	21.8682	23.8416
1.0582	0.607325	0.441923	0.69134	0.454121	0.29193
17.0029	19.2051	11.382	11.9138	11.3628	11.2865
0	0	0	0.0487991	0	0
9.25075	7.13285	8.29817	8.21966	7.40118	7.59417

0	0	0	0	0.134544	1.72325
6.8834	5.93933	5.53215	6.88469	4.54938	5.47193
0	0	0	0	0	0
10.4683	8.36428	9.49225	10.1762	9.86098	9.8539
9.87548	8.49643	9.61528	9.93179	9.01033	9.47847
0.63346	0.976867	0.275904	1.09624	0.302196	0.592432
1.68661	1.70482	1.39102	1.82401	0.794748	2.49287
1.97018	2.47906	2.11335	1.24768	1.06132	2.40467
37.247	40.2018	39.0475	40.1723	36.8067	36.5052
27.3157	35.8467	30.6214	30.8717	26.1957	24.6786
7.29659	13.6469	10.9409	6.82621	8.71552	8.77062
3.43703	2.68272	3.16754	2.84188	2.79547	2.58031
0.272446	0.438898	0.055094	0.197719	0.316806	0.552066
1.86573	1.54874	2.29745	1.42013	0.931641	2.29875
0	0	0	0.395275	0.28149	0.294314
0	0	0	0	0	0
0	0.0287548	0	0.0291459	0.0311338	0
7.44639	4.26518	5.06999	6.44718	7.33868	7.80948
2.54767	1.77544	1.1815	3.03219	2.73866	4.48792
0.111434	0.146272	0.120182	0.134783	0.11518	0.0451605
2.02644	0.94313	1.27029	1.45218	1.49232	1.4166
5.89447	4.55395	3.88217	4.54826	3.86509	4.92873
6.5621	5.14038	4.68013	6.0296	5.53831	6.30535
0	0	0	0	0	0
30.8199	31.2135	32.7696	33.9767	37.7895	34.66
59.0304	63.5112	61.3987	64.9406	57.7242	58.8328
70.5501	56.7843	63.0093	71.2455	87.6961	61.2295
0	0.146579	0	0	0.317411	0.165936
0	0	0	0	0	0
42.6132	45.171	51.5692	45.2632	50.4097	41.1782
11.9825	8.53867	11.2449	12.4789	14.8956	14.3416
0	0	0	0	0	0
15.9142	14.8044	15.3375	15.415	12.2409	13.8265
47.533	62.3796	50.4783	62.9136	45.3776	60.2718
0.220018	0.341579	0.20763	0.159671	0.113708	0.14861
0	0	0	0.0339583	0	0.0168565
1.2111	0.975515	1.10209	0.219729	0.821506	0.981637
3.11691	1.81976	2.18784	1.99406	2.48286	2.56116
0	0	0	0.0487104	0.0520327	0
0	0	0	0.210461	0.0749384	0
0	0	0	0	0.0807492	0.253284
0.474587	0.30204	0.174169	0.269474	0.245271	0.174526
0	0	0	0	0	0

0.595354	0.542863	0.37858	0.981611	0.417974	0.803758
8.89887	0	8.5385	0	7.85652	0
0	0.0827558	0.0934934	0	0.0896024	0.0936846
0	0	0	0	0	0
0.67897	0.995408	0.967647	1.05587	1.02763	0.759977
0	0	0.0315922	0	0.0302774	0
27.5792	37.4446	37.4283	36.9901	29.3774	28.9772
3.92559	2.16238	2.4127	2.60458	2.47802	2.54656
366.626	433.22	446.366	412.011	451.261	320.069
0.278285	0.357436	0.402908	0.338939	0.323561	0.359998
25.2864	22.964	23.3055	23.9375	23.1737	25.0276
0.116651	0.0208728	0.12971	0.0211037	0.0789006	0.0118082
10.3272	8.30375	7.20716	8.51125	6.54102	8.81943
0.13875	0.397369	0.0841741	0.327254	0.215122	0.140577
0	0	0	0	0	0
0	0	0	0	0	0
1.4108	0.631314	0.713227	0.76788	0.410126	0.428811
49.0897	36.544	42.4922	49.9911	41.5839	47.7307
9.87183	8.05165	8.56009	9.10399	7.77804	9.43336
0.113427	0.0541411	0.0815546	0.0731699	0.0586203	0.143012
0	0	0	0	0.0270428	0
0.305267	0.72855	0.329232	0.332306	0.552177	0.577334
0.0481554	0	0	0	0	0
41.3621	38.1469	38.4831	45.5307	53.4529	47.8075
0	0	0	0.0945428	0.302973	0
9.72644	8.32977	8.28225	9.3601	6.84366	6.26377
39.1041	40.2509	40.7732	43.3616	36.3027	37.458
63.7757	59.565	69.8152	50.9713	71.3355	70.8104
10.3408	6.68504	7.80772	8.95367	5.26402	7.60917
100.255	72.0037	74.9096	92.6386	74.0094	77.3705
34.4415	38.7373	61.3531	55.6596	49.2605	44.1168
0.025691	0.0919713	0	0.0372888	0	0.0832937
36.4583	38.3526	35.7649	32.9583	26.6807	33.3359
7.02472	12.5746	7.87583	7.60888	3.48375	5.48252
0	0	0	0	0	0
0.387234	0.596093	0.4855	0.379381	0.195124	0.392333
227.968	241.638	241.026	249.938	295.146	255.008
8.43547	6.64486	6.09679	7.54038	4.8055	6.63739
0.204356	0.109736	0.0826499	0.111229	0.15842	0.165638
0	0	0	0	0	0
237.142	274.445	296.118	293.139	263.334	255.195
124.37	103.896	120.195	125.043	131.599	113.196
0.0560026	0.240581	0.158548	0.18289	0.151949	0.090784

0.358954	0.301182	0.340254	0.0585004	0.375842	0.203533
21.6857	16.005	19.7314	20.4846	23.7219	18.8285
2.66771	1.70965	2.04653	2.86311	1.70587	1.5099
0.0971815	0.0521851	0.0589561	0.0952106	0	0.0147692
0.367286	0.150268	0.381973	0.19039	0.325401	1.14826
14.1589	9.69447	11.9156	11.4464	11.8607	12.2836
0.508813	0.227674	0.271644	0.23616	0.253699	0.388741
0	0	0	0	0	0
6.0279	5.26789	6.93136	7.11938	6.18475	5.46062
1.46814	0.916971	1.16228	1.02012	1.28342	1.34189
5.5966	6.01158	6.18079	6.09201	5.83991	6.89252
4.13852	2.60147	5.67052	3.41361	3.45039	2.65619
0	0	0	0	0	0
0	0	0	0	0	0
0.140391	0.223816	0.0225979	0.231151	0.146925	0.0905771
6.67706	4.69171	5.90335	5.18373	6.03083	6.25525
1.34116	0.555929	0.285482	0.512263	0.601922	1.25869
0	0	0	0	0	0
0.316653	0.100763	0.313053	0.255334	0.190924	0.171105
0.0836948	0	0.067699	0	0.0973223	0.0169594
183.072	193.431	183.566	195.742	200.938	170.729
3.01479	2.762	3.80213	4.68161	3.49311	3.67852
0.152844	0.109433	0.412108	0.258817	0.118487	0.0825902
0	0	0	0.0249157	0	0
37.5644	47.6072	41.2647	42.664	40.0745	43.533
31.1637	40.0674	28.2781	30.1676	24.4624	27.8616
6.71618	6.56238	7.39028	5.96894	7.51655	6.20418
0	0	0	0	0	0
0	0.0153891	0	0	0	0
0	0	0	0	0	0
0	0.0834037	0.0336503	0.058852	0	0.0343424
1.76902	1.81771	2.23971	1.73082	1.90848	2.49366
1.73694	1.74071	2.12522	1.44787	1.17178	1.33597
83.9573	77.9117	84.9495	89.8801	91.1026	87.1681
10.6231	15.9412	8.18082	11.8281	4.99187	3.8039
11.2337	13.0448	16.8372	15.1747	18.5514	14.6909
2.59725	1.75373	1.86126	2.04643	2.24353	2.64648
0	0	0	0	0	0
0.906707	0.486889	0.229193	0.49351	0.680928	0.666018
30.4958	28.7575	29.4204	34.0427	36.4607	29.4002
1.57724	1.37858	1.48696	1.58677	1.72879	1.68424
1.13968	0.854819	1.33139	0.853323	0.841443	1.27548
0.034209	0.0734064	0.0549537	0.148789	0.0529357	0.055066

193.686	241.893	202.541	211.648	183.754	174.281
1.42124	1.02898	1.31511	1.14629	0.972447	1.24824
0.936645	0.22354	0.505089	0.317212	0.080678	0.151836
1.76114	1.18575	2.07022	1.64503	1.52051	1.35747
4.15182	2.93593	3.64855	3.62682	4.29141	4.7362
7.52382	7.35698	5.39034	7.11382	5.79925	7.66645
82.7952	98.0298	84.5405	83.7562	79.7995	77.1019
0.648983	0.689948	0.222706	0.627971	0.350646	0.653543
0	0	0	0	0	0
0	0	0	0	0	0
2.84789	3.47094	3.23539	3.07692	2.46819	2.81406
0.216777	0.131735	0.29535	0.181186	0.168049	0.149132
0.845143	0.687007	0.497389	0.585646	0.973948	1.00736
8.81094	7.86677	10.8301	9.1502	11.0426	6.50892
59.0126	66.0355	76.9743	65.0886	81.2219	41.5883
82.7464	82.4838	91.8269	81.6407	94.205	93.8054
20.5978	17.3241	10.9402	19.0455	14.8135	17.2484
0	0	0	0.132486	0	0
26.6625	27.1815	28.4383	28.4745	27.1579	25.9669
245.539	272.459	223.902	236.121	232.549	220.037
0.0690447	0.214217	0.111698	0.0835117	0.196257	0.0373087
0.0288215	0	0.0233131	0	0	0.0233608
36.1599	31.6976	20.4646	23.2146	25.1152	19.4701
0	0	0	0	0	0
0.746035	0.396303	0.330926	0.68113	0.839523	0.741229
0.705402	0.272729	0	0	0	0
8.03486	8.58752	10.2198	10.8593	11.1034	8.87213
5.54966	3.44526	3.78379	4.40469	4.71811	3.94101
0	0	0	0.252342	0	0
11.8816	9.24065	11.0265	10.243	10.2893	10.7217
0	0	0.0574814	0	0	0
1.42887	1.63687	0.577892	0.103696	0.553841	1.15815
0.0294162	0	0	0.00640437	0.0171029	0.025035
0.0986936	0.0353314	0.119747	0.0716237	0.0765088	0
15.4714	11.7419	15.8684	18.9526	17.9905	17.6564
2.41785	1.85865	2.73474	2.72749	2.68511	2.55061
10.7799	7.29986	9.63238	9.41708	11.1215	9.37444
3.33396	2.36743	4.30949	3.77151	1.49216	2.94686
1.40736	0.666069	0.887554	0.960758	0.656453	0.676694
0.49362	0.196351	0.192558	0.143642	0.184544	0.192952
16.7893	16.9457	17.0344	16.2007	16.8774	17.0997
20.1219	4.39971	0.584774	0.524653	0.186812	0.683631
0	0	0	0	0	0

6.61689	4.62258	7.76858	6.89995	6.67335	7.10756
4.33044	2.47569	2.60687	2.85037	3.09682	3.91806
14.4005	12.2341	12.5176	13.4299	15.279	12.8393
0.747549	0.479477	0.705456	0.553812	0.543292	1.38855
0.173796	0.21744	0.30962	0.314815	0.239579	0.248412
0	0	0	0	0	0
30.7113	28.5006	28.5197	32.138	25.4209	29.6732
0.988364	0.90771	1.07366	1.75212	0.92006	1.80508
164.082	161.624	175.012	181.922	176.615	195.772
19.984	20.3614	22.5891	21.8872	21.0533	24.2672
0	0	0	0	0	0
0	0	0	0.315649	0	0
1.67237	1.97217	0.477441	1.35646	2.00823	0.770783
0	0	0	0.0525328	0	0
0.0893845	0.106663	0.112469	0.165774	0.307966	0.209298
0	0	0	0	0.0343194	0
2.86015	2.87193	2.39816	2.35411	2.24427	2.74232
14.8271	16.3918	14.8678	14.6287	14.059	13.4084
6.47578	6.25562	6.96234	6.66919	6.83896	7.20598
0.892139	0.993618	0.721633	0.503566	0.307378	0.562418
3.77995	4.17195	2.44805	2.92545	1.53815	0.977152
7.09291	6.0301	6.96886	6.59625	6.90243	7.38975
26.7058	29.6338	31.9614	28.4735	29.7456	27.1765
11.4633	8.08158	10.037	10.6481	10.2668	10.1733
0.00861554	0.0246758	0	0.00625246	0	0.00698319
0.302628	0.274637	0.118194	0.200131	0.193044	0.137975
3.14151	3.40099	3.13811	3.84553	3.15422	3.51267
69.322	77.3123	85.2861	81.3738	79.0979	68.9839
5.05562	6.24914	5.73382	4.55736	4.88011	4.31877
8.34087	7.27722	7.15967	7.59589	7.87036	10.2341
3.34591	3.63471	3.63969	3.93534	2.75032	4.13809
0.746688	0.432783	0.719025	0.490277	0.55128	0.518757
0	0	0	0	0	0
56.3609	68.8348	56.2943	53.4598	51.0328	54.1901
200.291	430.214	0	290.71	0	162.343
0	0	0	0	0	0
6.25977	7.26139	8.44184	6.84096	6.89976	7.47846
0	0	0	0	0	0
0.670281	0.191964	0.722903	0.486435	0.623535	0.796819
0	0	0	0	0	0
82.1618	72.5442	69.0881	75.7496	87.0816	64.546
126.011	152.086	112.35	142.923	139.132	131.613
0	0	0.999983	0	0.191673	0.200405

5.08382	7.12158	4.69327	5.0529	4.62646	5.86739
1353.14	1113.28	1274.99	1136.36	1298.25	1169.72
38.5742	42.8319	48.0191	40.0219	32.5642	35.929
0	0	0.0316257	0	0	0
18.7386	17.1572	18.0142	18.3884	14.4526	16.969
5.24185	3.49719	5.57216	4.85761	5.29149	4.78521
0.142887	0	0.115578	0	0.332305	0.115815
3.71928	3.23942	3.18133	3.50578	3.87745	4.07141
0	0	38.5836	0	0	0
0	0.0606995	0	0	0	0
6.60671	6.58276	4.71809	5.96706	4.90455	5.43847
0	0	0	0	0	0
9.92822	13.4778	10.2329	10.5512	10.4908	8.13116
0	0	0	0	0	0
30.6054	28.2561	32.0334	29.3472	29.9963	38.6997
26.1875	28.1104	31.8546	31.1039	27.9865	23.4432
31.2937	26.2291	30.4893	27.7417	30.3614	22.3561
10.4184	6.48531	10.4255	8.04151	10.283	9.0974
30.5811	24.838	27.6744	27.3936	37.227	29.257
6.60127	4.47383	5.05431	4.4981	5.70337	5.92237
14.2743	9.56847	13.7219	13.4609	14.4618	14.5001
12.5398	12.8427	12.6707	11.4564	11.7659	10.6573
5.88428	6.00485	4.63615	6.1966	3.48658	3.81213
11.6327	8.50465	11.6288	10.9374	11.3781	11.3701
3.398	2.22809	3.00796	3.52927	4.25074	3.14379
0.114283	0.0818246	0.0462207	0.0829374	0.132891	0.0926304
5.13381	2.53395	2.53464	3.20942	2.79764	7.52944
6.16132	3.70242	3.33734	7.1063	5.2881	4.90478
0.381202	0.251098	0.289845	0.254513	0.254141	0.321336
1.20866	0.465973	0.526433	0.742201	0.504524	0.48983
0.259348	0.278532	0.209781	0.0752853	0.180945	0.315315
10.9058	9.03169	11.1554	10.9489	11.2008	10.3348
0.271199	0.326564	0.368936	0.313113	0.344025	0.299749
0	0	0	0	0	0
0.0319955	0.0687245	0.103522	0	0.0992136	0.0518668
0.197556	0.084868	0.127839	0.114696	0.0612595	0.0800631
1.69172	2.38931	3.42112	2.65923	2.49976	1.14266
0.27647	0.0565564	0.159737	0.114651	0.0612354	0.128051
437.627	414.706	437.498	451.629	475.536	435.926
1.52331	1.94422	1.90183	1.65824	1.10388	1.66415
23.6131	20.9693	16.3857	23.8228	22.4204	10.2867
0	0	0	0	0	0
0	0	0	0	0	0

0	0	0	0	0	0
7.52525	6.42225	7.95307	6.99634	6.07366	8.67427
7.46475	4.16074	5.67575	6.15138	5.36357	4.26007
2.84463	2.26814	3.8175	3.33118	3.10732	3.98251
0.432334	0.371451	0.209824	0.753005	0.469212	0.490589
9.77973	12.4725	12.8548	10.646	12.7936	13.8719
0	0.0592032	0	0	0	0
2.02226	1.09421	1.06137	1.59082	1.089	1.27625
0	0	0	0	0.0773641	0
26.5458	36.7683	21.6757	22.2611	16.8223	23.9282
0	0	0	0	0	0
0	0	0	0	0	0
2.82593	2.03633	1.99919	1.87278	1.62014	2.63667
0	0	0	0	0	0
0	0	0	0	0	0
27.0421	25.7444	17.5159	19.8489	13.1214	16.6518
54.3567	89.5286	76.9661	58.9836	64.0925	53.4527
0	0	0	0	0	0
58.4691	56.1898	52.4861	58.0137	39.9294	50.0198
3.39356	2.50118	1.95782	1.95572	1.89568	2.99329
5.3526	5.05626	5.60473	3.7011	3.65801	4.65849
3.38896	2.75378	2.56179	4.78472	1.81973	0.567345
8.72125	9.51615	7.25776	6.89092	7.03945	7.57595
38.0665	51.7066	48.5715	64.4938	66.1501	40.1321
3.91564	3.6624	2.85604	2.05321	2.71963	3.48563
0	0	0	0	0	0
1.45606	1.18151	0.824446	0.880576	0.639632	0.904811
23.1035	13.8523	19.7079	17.6281	23.3573	12.6726
5.71615	5.81588	5.93777	7.1613	4.99098	5.60853
270.232	335.48	255.915	183.589	180.198	360.391
2.09936	1.58661	1.79247	1.60819	1.62746	1.5598
0	0	0	0	0.206726	0
12.574	12.5667	12.0109	13.2669	11.7592	10.9938
2.01468	1.61557	1.49927	2.48556	2.03036	2.51477
1.59832	1.63802	1.53368	1.44423	1.57917	1.82893
11.75	15.2776	13.5375	14.0987	12.0981	13.3732
1.97523	1.49191	1.20095	1.30996	1.06883	1.30432
58.2856	64.1612	57.4165	57.2726	61.4231	57.3531
0	0.401445	0.453532	0.813808	0.76065	0.340845
11.7621	11.4463	13.3122	12.96	9.19475	13.0992
0	0	0.0753471	0	0	0
50.4759	64.667	58.1184	60.1948	55.3242	52.6526
0	0	0	0	0	0



0.170547	0.155058	0.156473	0.259175	0.0826316	0.138234
0.288468	0.413075	0.155557	0.209346	0	0.155875
4.48728	4.9121	4.5353	4.49719	3.48902	8.31076
53.753	55.5108	51.0249	57.7584	52.8073	40.473
9.64978	6.90906	7.09592	8.2763	8.33074	5.56984
2.54326	1.39253	2.19331	1.64214	1.84112	1.925
22.95	21.1799	26.3389	23.1871	25.9332	29.0722
14.6005	14.076	16.0349	12.0725	11.2372	13.8381
5.01911	3.63537	4.39031	3.30363	2.8503	2.88555
0	5.55E-12	1.91E-10	2.57E-10	0.0313373	0.0710833
6.98692	3.6727	4.63868	5.10673	4.21615	5.37355
3.14406	4.80322	4.72453	4.64129	4.48133	1.93493
0.355433	0.289829	0.263544	0.315265	0.558729	0.520164
0	0	0	0	0	0
10.9915	10.1417	11.3062	10.7426	11.5017	11.0948
15.2182	19.7866	17.4486	17.5663	14.9928	14.9193
57.2494	68.1922	81.3815	61.7054	71.8752	74.8064
40.4486	37.9163	42.9771	42.3019	30.3093	35.0654
3.46772	2.08857	2.66051	2.91622	2.04213	2.76245
0	0	0	0.0730168	0	0
0.296924	0.164172	0.217351	0.254807	0.177755	0.217796
0	0	0	0	0	0
1.17669	1.13564	1.31873	1.12831	0.971567	1.0627
39.6302	45.4205	39.9117	43.0111	40.4	36.0755
9.19474	6.28481	6.67386	7.40235	6.73824	7.56195
11.9882	9.84763	11.5539	10.0067	11.8231	10.6289
2.84503	4.94697	3.94507	2.6546	3.46581	2.97515
36.9865	34.4841	37.1677	38.6952	38.5299	40.1759
0	0	0	0	0	0
0.844622	1.20947	1.36639	1.0216	0.491073	1.25509
45.5826	39.4189	36.7506	47.0724	51.7806	41.2822
4.72636	4.69669	4.54499	4.04027	2.97975	5.01836
7.96303	8.90648	10.7933	10.4333	7.54115	9.07092
46.0674	40.1115	47.333	46.5571	50.5652	44.1567
0.594051	0.471359	0.449403	0.4354	0.58249	0.43589
4.02523	3.47901	2.3013	4.0507	4.25834	4.61492
0.945978	0.488288	0.587233	1.02179	0.460467	0.855903
0.29311	0.339984	0.170697	0.034025	0.145408	0.237575
0.177196	0.126869	0	0	0	0.143624
0.122898	0.114003	0	0	0.350857	0.290382
3.46564	3.60332	2.60267	4.43089	4.22122	3.47766
9.79661	5.472	7.47754	7.8331	6.08632	7.054
15.1234	17.1836	18.5363	14.791	14.3147	24.9113

1.76367	1.5711	2.04036	1.90501	2.09853	1.69547
17.7119	18.2381	17.5494	17.8875	12.9788	16.154
1.57351	1.22197	1.64394	1.55624	0.596285	1.45972
5.68901	8.0651	9.11507	5.54345	10.6311	7.31388
4.59583	4.40466	4.81085	4.68885	4.52518	5.16789
0.730134	0.794578	0.685077	0.759465	0.729502	0.670698
49.5916	44.6358	43.3188	55.9109	48.7169	61.1984
7.39513	9.30491	8.65011	9.10688	6.62091	6.90691
59.2069	33.0625	143.05	95.7486	93.6493	160.564
0.27488	0.196809	1.55642	0.598457	0.213092	0
0	0	0	0	0	0
0.33241	0.294775	0.243337	0.385039	0.210727	0.253207
6.94396	6.94846	5.54916	4.73578	5.43711	6.56637
7.81502	6.96738	8.55032	7.14251	7.49354	7.52134
0.842023	0.396173	0.447577	0.558694	0.39165	0.350994
14.1691	12.7749	13.0529	12.8815	15.7642	14.6496
2.31262	1.95818	1.8242	2.02349	1.6402	2.29986
191.546	272.202	265.293	230.514	249.48	153.166
0.290068	0.207683	0.195525	0.245592	0.0374775	0.274295
18.1324	14.5349	15.057	14.5857	14.428	14.9486
28.1812	25.5316	29.42	26.8548	29.4127	22.5873
16.6307	20.3866	28.4331	16.2751	23.4406	21.7514
4.13496	3.24543	3.09182	3.27924	2.63269	3.19028
2.24718	1.59651	1.45977	1.72527	1.80931	1.61045
83.4994	93.1975	76.6571	85.8364	62.3582	84.693
6.27566	7.94744	9.26416	4.52589	4.62174	6.00858
2.84432	2.18194	2.54721	2.65393	2.4412	1.97607
12.3661	11.3578	12.2869	13.3619	13.4184	11.5303
25.0091	24.8809	31.9329	27.375	27.0384	29.0728
65.0436	55.8552	55.9813	46.1402	108.609	38.2159
8.58957	6.81708	9.35026	8.02973	8.21624	7.85895
10.4572	13.4063	13.5672	17.0844	9.53574	12.5664
0	0	0	0	0	0
0	0	0	0	0	0
1.19567	1.79798	1.78392	1.70229	1.24682	1.57965
2.44695	2.22915	1.62874	1.7353	1.09724	2.12764
2.16507	0.16036	0.724667	1.02943	4.91943	3.8728
0.706218	0.288936	0.163213	0.366082	0	0.327093
1.80479	1.25419	1.61014	1.48312	0.843577	1.72099
0.0220719	0.0632121	0.0535604	0.0160179	0.0513313	0.10734
1.28769	1.04361	1.94515	2.14907	0.956748	1.13614
3.30876	3.08792	2.52052	3.19373	3.30032	3.42806
47.2675	46.9101	44.4542	46.5364	39.3745	38.9785

0	0	0	0	0	0
0.0328656	0	0	0	0	0.019979
13.9052	17.5262	21.9409	14.0254	12.3461	14.186
21.2013	20.1981	22.3546	22.443	23.4338	21.325
0.496912	0.335538	0.48148	0.309473	0.385281	0.542427
2.00589	1.23822	1.34297	1.6313	1.09761	1.76592
2.71864	2.219	1.64929	2.03215	1.91785	2.26965
0.498948	0.357237	0.403589	0.339465	0.410967	0.278035
0	0	0	0	0	0
2.92325	1.67537	3.18234	3.39603	2.9473	3.50094
0.198232	0.227089	0.272588	0.215791	0.153673	0.297247
0.240824	0.193979	0.292197	0.109231	0.210027	0.121998
38.6039	30.4024	35.3299	34.0106	39.2549	37.0276
1.00213	0.544177	0.906281	0.644801	0.816629	0.86178
0.348656	0.0554734	0.451234	0.404842	0.432454	0.635845
0	0.0987318	0.111542	0.133433	0	0.0372568
0	0	0	0	0	0
4.82198	4.68624	5.43614	4.8464	5.22447	6.22096
7.96896	6.17355	7.29857	7.75686	6.14498	7.77486
6.30849	5.68563	4.4833	4.97311	3.93735	5.73402
22.4891	21.9874	23.1366	22.5078	19.929	27.4873
15.3686	15.6283	14.6141	12.981	15.4071	12.4359
14.2928	14.5274	14.4288	14.2063	17.3152	13.2998
10.9156	7.44728	9.4967	8.83269	9.71317	9.44829
89.4202	110.211	125.058	103.936	156.388	135.633
0	0	0	0	0	0
0	0	0	0	0	0
7.13054	6.37965	6.02173	5.84489	5.8999	6.02812
35.4857	37.1775	34.9663	32.1205	37.4924	30.9797
0	0	0	0	0	0
1.75319	1.2978	2.1392	1.9624	1.10571	1.46919
0	0	0	0	0	0
0.153668	0.550117	0.621494	0.892157	0.297814	0.124553
14.8195	24.3128	16.7371	23.6154	16.3107	11.7554
7.5763	5.1832	5.51246	5.88775	5.82489	7.12282
18.3254	15.6123	18.7604	19.0855	19.0554	18.5489
1.21357	1.76782	1.15917	1.6077	0.677803	1.26692
11.5381	10.0666	10.041	7.1055	7.6858	7.40391
10.306	8.79505	10.0036	10.0026	10.6364	9.78778
0.484921	0.328921	0.103222	0.444526	0.276993	0.372359
11.7853	9.9092	12.3065	11.6567	11.01	12.2376
8.64124	7.65071	11.911	9.06175	11.631	11.0938
1.13976	0.699466	1.03071	1.54516	0.450614	0.622952

10.0459	7.7518	8.93696	8.41695	6.47982	10.4947
1.10168	1.24891	1.3367	0.954973	1.18617	1.31462
0	0	0	0	0	0
0	0	0	0.038711	0	0
3.44467	2.35426	3.37188	3.41788	2.31815	4.03849
0	0	0	0	0	0
3.19383	3.0846	2.80645	2.70134	1.97716	2.51421
5.77526	5.38033	4.85254	4.84094	4.85879	4.27585
44.9881	46.1058	54.6324	49.3173	41.3166	47.0477
80.8527	72.6805	71.0668	85.0526	64.1975	74.6859
0	0	0	0	0	0
0	0	0	0	0	0
1.68507	1.26782	1.84443	1.72562	1.67157	2.08956
0.351912	1.00079	0.799789	0.554134	0.484619	0.621837
0	0.153526	0.173446	0.0518713	0	0.173801
0	0	0	0	0	0
15.6841	15.1068	15.8109	14.5931	18.002	15.1412
20.1433	19.7332	22.1001	20.191	18.87	17.7374
38.5138	32.7959	41.7243	37.7202	45.0116	41.9728
19.602	22.3444	21.0929	19.0453	19.6528	21.9959
2771.46	2720.49	2798.67	2848.28	2960.04	2626.53
0.732087	0.820425	0.463438	0.415791	0.44415	0.95457
0.0435655	0.229644	0.0331017	0.0829062	0	0.200174
0.344087	0.383227	0.324713	0.180346	0.059276	0.18593
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.0485338	0	0
0	0	0	0	0	0
4.23307	3.94838	5.24601	3.41022	3.25144	3.71434
15.2787	12.7523	14.7484	13.3649	11.7583	14.1522
36.3376	36.9004	40.1604	38.6424	36.7458	37.6909
0	0	0	0	0	0
12.2155	9.56345	11.8663	12.3447	12.4197	13.9263
80.3744	80.0825	88.453	75.9458	85.2208	81.9767
0	0.0579547	0	0.0234971	0.0125499	0.0131216
7.5665	8.27707	5.92702	9.42621	6.27842	5.49478
57.961	68.9135	59.0037	65.8055	69.7563	45.2504
7.51814	7.32399	7.26935	7.76907	5.2116	7.93828
7.17725	11.0347	9.87948	7.9196	8.43903	7.07228
14.7642	11.2009	11.7083	13.9927	11.0794	12.3096
0	0	0	0	0	0
0	0.202647	0	0	0.219412	0
0	0	0.0285137	0	0	0.028572

0.131607	0	0	0	0	0
3.37116	0.344812	0.779103	1.0485	27.8138	7.61179
0	0	0	0	0	0
0.972142	0.580029	1.04846	0.35275	0.502413	1.57591
0	0	0.132807	0.357459	0.50912	0.399236
0	0	0.0371114	0.0665919	0	0.0371873
0.476696	0.341305	0.578384	0.216217	0.138578	0.193189
0	0	0	0	0	0
0.261231	0.320634	0.211304	0.324994	0.26037	0.241985
5.51663	5.11294	5.3657	5.18247	4.25034	4.63601
21.6602	23.6318	25.7402	23.6514	23.805	25.1828
0.310809	0.3338	0.219981	0.140975	0.240944	0.377882
20.6965	18.5857	21.6072	19.4367	20.7352	21.495
8.86107	9.12135	8.18113	7.81637	8.7658	9.62463
140.535	127.899	168.853	181.958	188.709	140.413
1.33923	0.750665	1.1502	0.828995	0.823983	0.965974
94.9243	78.7809	72.469	89.8917	101.604	106.446
0.98164	0.359097	0.769238	0.33186	0.659745	0.690083
1.93495	0.99748	1.62775	1.06721	0.960003	1.06647
2.2086	1.83405	1.7361	2.13816	1.46585	2.25485
2.20358	1.54617	0.820324	1.43926	1.4691	2.03629
87.8479	89.1173	83.8643	87.2731	103.019	74.5736
3.55043	0.732902	2.70101	3.04075	4.07006	0.664033
7.67202	7.05544	6.01854	7.23036	6.53633	6.98623
17.7186	17.283	17.2335	15.4096	18.546	14.8848
28.3998	30.3762	27.2462	28.8726	34.4816	24.1296
11.5301	15.0666	16.7695	13.8799	14.6974	13.4179
43.7883	37.2283	41.859	45.917	46.5095	52.5419
0.359698	0.403066	0.602186	0.325262	0.621868	0.53129
11.785	9.5755	11.9055	11.2698	11.5351	10.7648
0.648595	0.499588	0.366412	0.542108	0.153632	0.565564
73.4454	83.4571	88.6334	99.0597	72.1888	82.5439
0.0336438	0	0.0272138	0.0488318	0	0.0272694
5.85911	5.27408	5.94193	6.14079	5.77551	6.34012
0.28467	0.358074	0	0.44226	0.0613351	0.10134
0	0	0	0	0	0
31.5139	31.7894	32.1635	32.7695	31.0199	28.3181
26.0966	27.9439	28.6024	27.7174	23.9202	26.5908
0.924606	0.487789	0.55108	0.17658	0.264073	1.65662
0.253461	0.0302455	0.0341699	0.0613136	0.147365	0.0342397
13.3283	12.2364	11.2044	12.7528	12.9438	11.7885
0	0	0	0	0	0
0.411783	0.318973	0.305861	0.250056	0.118718	0.0551676

0	0.0366864	0	0.0743705	0.0397215	0.0207656
21.0907	26.4759	19.9354	28.154	22.0379	25.9993
0	0	0	0	0	0
0.0772145	0	0.0312286	0.056036	0.029929	0
32.2264	31.5775	39.7259	30.3754	36.7317	40.0238
0.529303	0.1893	0	0.191922	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.99827	3.1247	2.63721	2.9435	1.19032	3.74578
0.214996	0.230899	0.382592	0.312052	0.183335	0.209113
6.68767	7.25642	6.70614	6.46698	5.13094	6.20294
16.4764	16.0593	15.2242	19.1771	14.0691	13.3563
1.00296	0.490018	0.546452	1.50667	0.279474	0.966573
5.09E-07	4.10E-07	4.07E-07	3.84E-07	3.64E-07	3.95E-07
27.7965	40.2209	27.5533	39.3389	22.5352	23.5397
5.68534	6.42605	4.4179	5.09949	5.64538	2.14875
2.7531	5.20031	7.60451	1.87033	1.73694	2.04158
0.0352917	0.0181931	0.0380623	0.0163915	0.0196982	0.00686522
8.16314	9.94412	10.3673	8.15215	11.3871	8.3251
16.4914	12.4904	15.8749	13.7482	12.0446	13.2563
2.65113	2.81073	4.04145	4.44001	3.87325	4.42163
23.8712	17.4189	20.3943	23.3563	25.0665	19.8335
14.811	15.7238	15.543	17.6592	14.0245	12.1828
0	0	0	0	0	0
38.9917	35.2668	22.2263	30.6156	22.0802	18.5409
0	0	0	0.0175969	0.0939853	0.0196534
0.0749894	0.107382	0.206235	0.119726	0.116266	0.0729377
0.0955769	0.119755	0.0579827	0.0173405	0.0370464	0.0193671
15.3941	14.6982	14.1008	15.2543	12.348	15.3139
3.86912	3.97087	4.82931	4.12856	4.53737	4.09168
3.9218	4.0732	4.19547	3.71935	5.47763	4.84654
3.16012	3.70277	3.04825	3.6518	4.00381	4.53397
5.44158	7.27726	5.21738	6.5828	5.76834	5.58309
20.6753	18.366	21.8537	19.391	21.8666	23.2136
17.0435	13.3406	10.4531	11.0643	8.79441	9.70869
20.5849	15.9531	8.96576	12.6405	10.96	14.7596
11.997	9.13985	12.2218	11.981	10.5911	12.1538
0.50122	1.79432	0.810853	0.727488	0.58283	3.25004
1.01037	0.180852	0.544846	0.916556	0.652713	0.68245
14.28	12.0505	11.5762	13.4432	12.7305	11.6523
5.6313	4.89466	5.23264	5.72645	4.86289	6.49443

0	0.0358232	0.0404713	0.0726208	0	0.040554
0.271669	0.139989	0.105435	0.257509	0.281097	0.0352168
0.174267	0	0	0.126469	0	0
0	0	0	0.0987256	0	0.110264
45.5788	56.137	29.2206	37.6923	21.9605	15.9288
1.04274	0.773243	1.15221	0.770245	0.866084	0.762165
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.119937	0.120222	0.135821	0.330754	0.0185954	0.207604
0	0	0	0.00388515	0	0
6.36251	4.69338	4.59197	5.95425	4.8548	4.99977
4.00088	3.50607	2.64626	3.41817	2.78134	3.51607
842.509	1155.6	955.079	1001.02	1023.38	873.044
0.892655	0.499316	0.49641	0.749037	0.627125	0.429594
0	0	0	0	0	0
11.0362	12.5557	14.8167	20.5725	9.76621	14.9916
0	0	0	0	0	0
4.20988	3.68401	5.62502	5.34091	5.125	4.97935
21.9873	30.4289	20.2715	12.4125	24.8665	18.251
0	0	0	0	0	0
11.2595	9.68334	10.0059	9.26443	10.9874	11.9068
7.00989	5.73009	6.41578	5.79765	6.54761	7.34979
209.655	120.087	67.8343	30.4301	0	67.973
3.16613	2.38317	3.35677	2.54186	2.45339	3.30475
0	0.010986	0	0.0111354	0.0237898	0.0124368
0	0	0	0	0	0
0	0	0	0	0	0
0	0.221568	0	0	0	0
0.109141	0.312572	0.176564	0.158412	0.253824	0.206413
31.3904	24.9363	31.3627	33.2097	37.3971	31.7466
12.2886	11.9112	11.0685	11.2287	8.75068	11.6814
1.55328	2.21422	2.00052	1.79323	1.43011	2.12113
0	0	0	0	0	0
23.31	26.8262	21.5157	21.6488	22.2103	13.8451
7.18816	6.2138	6.90736	7.1273	6.20952	6.80857
2.44428	2.0193	1.87574	1.89594	1.29697	1.5752
0.992571	0.639595	1.04373	1.22455	1.00029	0.831329
5.05723	4.95169	5.75126	5.24283	3.92045	5.27038
1.13846	1.81429	1.33675	1.94557	1.93592	2.05388
14.9371	12.4099	11.7136	12.2535	13.3414	13.889
0.135001	0.110466	0.0779995	0.699803	0.373767	0.187582
0.747961	1.26497	0.713554	0.841916	0.513352	1.03659

0	0	0	0	0.0263324	0.0275321
1.44347	0.916057	1.1676	1.02375	0.712093	1.16998
11.3737	9.43759	10.9414	10.9957	8.15581	10.0913
6.62993	13.4325	14.1905	26.9675	7.44794	8.11502
43.1443	33.1943	26.9152	39.0419	29.1987	40.5931
0	0	0	0	0	0
52.3523	59.0463	55.6631	52.4666	49.436	46.042
2.72842	2.52064	2.56293	2.81041	2.25157	2.14014
0.0954242	0.185445	0.13232	0.108823	0.0528388	0.121541
0	0	0	0	0	0
25.6361	20.2082	24.3745	24.2158	28.4957	25.8695
11.0733	9.07546	10.901	9.32808	10.6681	10.4207
0.129889	0.0557988	0	0.0678691	0	0.0962553
3.37192	3.1969	2.81704	2.47665	2.86839	3.23484
1.87635	1.15026	1.41854	1.335	1.7588	1.1133
0.245748	0.281521	0.119268	0.293712	0.0762031	0.239024
0	0	0	0	0	0
5.62558	3.80552	4.42988	4.02851	5.21784	5.21399
0.0397297	0	0	0.0576651	0.0615981	0.128809
0	0	0	0	0	0
16.8734	16.5024	20.4728	16.4113	14.9011	16.7784
43.5215	43.3469	44.4161	46.4478	48.4683	38.3353
0.0889032	0.0530441	0.035956	0.0430124	0.0574326	0.120098
0.690037	0.103671	0.286358	0.30024	0.099776	0.14965
37.22	37.1866	50.9731	50.3058	54.1726	38.0261
0	0	0	0	0	0
8.75304	7.20346	7.03133	7.24301	6.7075	7.43714
0.182906	0	0	0	0	0
1.45174	0.668632	0.233483	0.628436	1.42815	0.467921
21.1842	21.0893	19.5384	20.5515	16.573	18.9623
177.874	319.26	320.558	296.669	352.866	248.618
0	0	0	0	0	0
16.005	15.1589	14.6917	16.4526	15.3442	14.8383
0.148935	0.177724	0.147241	0.20416	0.115456	0.174368
1.38547	1.93885	1.37538	1.47772	1.80634	1.95669
0	0	0	0	0	0
25.1785	27.7395	30.0298	37.2012	35.8274	40.3144
21.7049	21.6942	20.6271	24.4096	15.2915	19.1858
1.40044	0.895257	1.09233	1.08892	1.4346	1.70266
0.66643	0.954302	0	1.45092	0.77494	0
0.12881	0.0307418	0.173653	0.0778996	0.0665702	0.0174008
0.450112	0.56224	0.770245	0.651083	0.390806	0.408611
4.45928	3.23218	2.84999	3.4759	3.92636	2.94506



52.2192	61.0882	51.3962	57.3847	55.9408	53.3922
0	0	0.0217581	0	0	0
5.93925	5.80393	5.06382	6.0576	6.2841	4.35858
33.276	34.0216	37.0688	35.3422	27.4357	30.325
7.90462	13.0355	8.87593	5.87913	6.98875	14.8571
28.375	17.9375	26.1988	23.2709	26.4676	27.3743
2.61208	1.63296	2.03796	2.15613	1.42396	2.91937
32.8622	31.1779	33.7028	34.8266	36.9982	31.1715
2.73212	5.28121	2.19909	1.95231	1.4054	2.36349
3.1687	1.63025	2.22717	2.06484	2.07577	2.45652
17.7701	17.7689	19.5149	14.9565	12.4238	16.8213
63.7261	53.9025	73.9616	47.8313	50.949	37.4122
0.0854885	0.0612081	0.242025	0.155101	0.033136	0.138583
8.64594	6.01213	7.41987	6.70193	7.57629	6.40346
1.20615	5.82917	0.853678	0.984742	2.6882	1.09983
7.52331	2.28244	3.19744	3.47021	2.86667	2.73889
41.5654	62.9321	41.3308	135.722	23.8075	188.267
1.8921	1.73374	2.63133	2.3608	2.87401	2.14616
26.4771	24.5576	26.6141	26.8063	29.0436	26.4169
0.154389	0.116306	0.0362329	3.84E-13	0.0694499	0.101832
0.211759	0.156377	0.0285479	0.0922063	0.0656635	0.115379
1.62684	1.56843	1.71491	2.35425	1.20656	1.60417
0	0	0	0	0	0
0.969857	1.08977	1.50443	1.22807	1.17753	1.08538
0	0	0	0	0	0
16.8354	15.5251	17.3958	16.0455	15.2813	15.5313
36.6836	31.5783	32.6069	34.2235	40.6588	37.8558
2.45305	1.63146	2.13425	1.61886	1.83992	2.28956
0.895829	1.09947	1.08381	1.00918	1.3625	1.35539
0.0796537	0.0570305	0.257721	0.115612	0.123498	0.193686
4.50189	4.49648	5.07989	4.2255	3.31544	3.7584
19.8149	18.9727	21.7284	21.3036	26.4487	26.2639
0.563276	2.04755	0.140128	0.450671	1.35094	1.00712
5.77277	4.71608	4.98377	4.96821	5.03454	4.36409
0.317997	0.487885	0.698172	0.626392	0.387383	0.257747
0.133393	0.146248	0.125173	0.0726025	0.077557	0.205263
14.3011	10.4712	10.1137	9.87313	8.32422	10.8432
14.7039	13.1264	14.6174	14.0922	12.356	14.1015
0.294636	0.158215	0.148953	0.334098	0.285508	0.10448
5.87092	4.23053	4.94381	5.82466	8.3267	8.96083
1.12837	0.923302	0.586744	0.394815	0.468604	0.702266
13.2215	9.84395	12.5368	11.535	14.078	10.9496
23.5498	25.2776	28.1608	26.3138	28.3038	24.5662

17.4147	18.1809	17.7752	17.7897	17.2472	12.751
0	0	0	0	0	0
19.9312	20.1889	20.4768	19.4688	19.353	22.6906
0	0	0	0	0	0
13.172	14.5822	14.0101	14.5988	12.2769	14.1406
10.7672	8.23893	11.4329	9.12969	10.5555	7.04771
6.61029	6.0886	7.24063	9.61939	6.61901	10.2971
0.186226	0.266669	0.150634	0.0450492	0.144365	0.1174
16.9182	20.6544	22.7202	21.0139	21.8587	19.1627
10.178	10.7625	14.5022	9.94178	10.0966	11.2132
6.14773	5.42022	4.43851	5.23583	4.29317	6.91847
3.02993	2.96533	2.38032	1.9774	1.67292	1.73147
13.9033	15.0371	11.8243	8.56241	11.3443	10.1935
5.31317	5.04548	5.45885	5.18174	3.71419	5.18293
0	0	0	0	0	0
10.6522	11.69	10.803	9.3531	10.6377	9.27494
0	0	0	0	0	0
1.44056	0.792364	0.912051	0.757714	1.27852	0.930829
0	0	0	0	0	0
0.829485	0.593895	0.796757	0.865335	0.442083	0.840407
0.28459	0.203761	0.258974	0.335614	0.937628	0.893845
2.76452	2.85905	2.67985	2.30879	2.26216	2.80981
0	0	0	0	49.0182	0
0.0806304	0.084506	0.101909	0.126549	0.0651104	0.10974
7.03245	7.28439	7.43689	7.80178	8.26687	7.96603
0.0157703	0.0564561	0.0382688	0.0572239	0	0.0639117
2.35339	3.28737	2.79943	2.91347	1.413	1.72049
3.36646	2.87533	2.61799	2.71805	3.2307	2.27239
1.56627	1.61494	1.61191	1.09774	1.56047	1.18537
0	0	0	0	0	0
10.5926	9.18503	10.6012	11.3354	11.5771	12.0649
0.912507	0.54596	0.555503	0.551852	0.591129	0.456554
42.9561	74.8463	60.1772	45.1862	57.8052	65.4799
14.9797	14.8332	16.532	13.3469	16.5893	15.9876
0	0	0	0	0	0.00486661
8.08328	8.9259	11.2499	8.42185	7.78677	7.27439
5.22928	5.14944	6.67252	6.57929	5.88131	6.48205
6.50307	6.75131	7.16197	6.5527	5.5648	6.34542
0	0	0	0	0	0
1.02349	1.34347	1.27632	1.1451	1.09096	0.93327
19.9864	19.9999	22.7068	22.9365	19.3864	20.8844
6.03617	5.33093	6.54309	6.60419	5.58194	5.98526
24.2431	23.7686	25.0195	23.9573	22.1767	25.5883

34.4494	31.3299	32.2663	34.2859	34.685	32.1308
12.6342	10.1583	12.4722	12.1685	12.4985	12.3076
2.52872	1.62414	2.52671	2.21296	2.19093	2.29074
37.2807	33.4946	34.673	36.7826	40.1268	35.9288
16.4642	12.8598	15.1777	14.0493	16.1267	15.8583
0.383039	0.134981	0.254369	0.136817	0.243782	0.377302
1.05615	0.855982	0.967046	0.969965	0.275503	0.0567777
95.7706	74.7538	59.5751	52.2114	77.0636	72.6827
22.6773	23.2739	24.371	24.6627	19.6134	22.5984
0	0	0	0	0	0
47.1377	42.7943	47.6159	47.4857	55.9972	48.4121
0.270838	0.18574	0.876313	0	0.209958	0.219523
27.7923	22.0149	27.241	30.3481	27.6749	30.2806
0.409449	0.439736	0.165597	0.148572	0	0.165936
53.6033	40.0199	49.4401	45.8909	43.2312	49.4399
0.725525	0.833874	0.900886	1.12233	0.878194	0.876936
1.75193	1.28434	1.59609	1.93252	1.21087	1.38658
14.7783	12.1847	13.8838	13.1676	17.1562	15.4514
81.4784	55.5336	77.7862	63.5275	123.717	14.0439
17.407	18.9121	18.3461	20.4202	17.1652	16.5058
14.7192	13.9164	14.8135	13.8013	11.5712	14.7352
18.7737	15.5096	16.0539	15.933	13.646	17.1782
0.694643	0	2.24753	1.51234	2.15399	5.63031
0	0	0	0	0	0
0	0	0	0	0	0
1.66207	2.13213	1.90644	2.21396	1.55805	2.84326
0	0	0	0	0	0
55.8525	57.3503	53.2461	55.1467	51.2385	43.1667
0.0448756	0	0.145196	0	0	0.0727464
0	0	0	0	0	0
0.126043	0.0601627	0	0.0304904	0.0651401	0.0681078
0.0406454	0.123681	0.12329	0.199106	0.0945269	0.0905974
0.328944	0.344218	0.347946	0.220358	0.196156	0.26662
30.5293	23.6441	29.6232	31.8932	32.1105	33.6502
0.40633	0.289853	0.328672	0.460752	0.0787483	0.672412
2.6015	2.55492	2.17879	1.9882	1.07082	1.95932
1.02626	0.0404947	0.600999	0.104707	7.06E-06	1.42E-07
6.64659	4.16041	5.84219	5.61218	5.28179	6.12439
0.0806989	0.173337	0.0652757	0.292823	0.187677	0.0654092
3.25004	3.71161	3.2155	4.17143	3.72717	4.96374
4.08825	3.51991	3.94182	3.74329	3.3203	3.11553
78.9629	69.5194	75.7625	85.5895	61.1077	69.3591
0.905921	0.960872	1.04544	1.00745	0.754268	0.726237

0	0	0	0	0	0
435.37	347.417	453.997	483.721	448.62	388.266
7.35943	9.04376	7.10756	8.12726	8.45526	7.98473
0	0	0	0	0	0
0	0	0	0	0	0
0.453233	0.588918	0.547653	0.257349	0.468471	0.833364
7.12592	5.78456	4.89652	5.91512	4.96986	5.91101
0	0	0	0	0	0
0	0	0.0199676	0.0179147	0	0
22.4325	17.2987	20.485	18.3266	24.4801	18.766
249.782	229.406	247.227	262.739	275.118	237.712
0	0	0	0	0	0
0	0	0	0	0	0
1.35525	1.76054	1.11652	1.83909	1.12038	1.89815
0.374129	0.357159	0.20175	0.615428	0.676738	1.05125
48.7907	77.9475	43.6202	39.2181	39.8398	49.6104
3.43862	1.60426	1.54325	1.94808	2.78606	1.31264
0.0650696	0	0	0.0354166	0.0126107	0.0659264
0.501522	0.274591	0.095452	0.149867	0.320178	0.26303
0.216275	0.58728	0.0388753	0.353149	0.340643	0.24347
9.83047	9.86037	11.807	10.3104	10.765	10.2153
11.5953	14.4708	12.2451	12.973	15.1687	10.1816
8.46925	8.39112	7.44931	7.73828	6.6965	7.05086
4.08877	3.93733	4.26684	3.46413	3.82042	3.65857
0	3.90E-09	0	5.03E-09	0	1.15E-08
25.8427	34.8193	25.6119	29.113	20.6536	26.774
2.40E-07	0	0	0	0	0.0269621
0.234904	0.168187	0.190009	0.284124	0	0.190398
3.59E-09	5.37E-08	1.78E-08	8.71E-07	0.0323611	1.65E-07
0	0	0	0	0	0
6.91959	6.39781	7.59858	8.57982	6.35879	7.13129
1.21924	0.892126	0.898554	1.04405	0.790573	0.763802
2.23448	1.55156	1.61444	1.98008	1.76349	2.05367
1.20759	1.30869	1.56561	1.37079	0.961736	1.35467
35.2559	31.1629	36.7775	35.409	36.2729	34.9652
6.64414	4.97929	5.70506	5.44816	4.73766	5.32122
0	0.187055	0.211325	0.592495	0	0
38.2276	41.6309	44.1426	41.9378	39.2936	39.3101
16.7885	14.8079	16.0275	15.4737	14.5113	15.5152
0.17149	0.030167	0.0340811	0.0305772	0.0326627	0.182139
0.0436712	0.0104226	0	0.0105643	0.0225697	0
0.171829	0.0894739	0.138989	0.102027	0.0847667	0.126612
39.3692	4.2998	2.15898	4.35828	5.69009	4.32679

0.482073	0.93959	0.476593	0.44703	0.311426	0.607813
0.978182	1.09898	1.11539	0.940402	1.51805	1.1929
0	0	0	0	0	0
4.00214	4.71957	5.14151	3.07527	6.02254	3.05305
2489.16	3066.82	3723.16	3915.3	3920.26	3421.95
0.206332	0.0347733	0	0.0352456	0	0.0393648
23.5798	27.8571	24.2064	19.1452	17.4242	16.0789
0.0867717	0	0	0	0	0
0	0	0	0	0	0
30.0143	32.4909	33.7047	33.9565	34.119	28.6548
0.00878851	0	0	0	0	0
0	0	0	0	0	0
45.1525	40.2463	45.1454	42.7301	40.7003	32.3495
0	0	0	0	0	0
0	0	0	0	0	0
147.385	178.531	154.513	149.614	149.463	134.077
31.0531	31.0481	18.3517	24.6361	20.6176	17.0366
0.467178	0.723922	0.512141	0.294071	0.314128	0.32844
1.03519	0.663159	0.572921	0.711718	0.591314	0.44161
22.5832	18.2734	23.7017	26.0315	23.0598	23.0678
0.437641	0.454347	0.336299	0.301724	0.237486	0.390195
301.524	571.361	545.497	560.664	747.392	350.51
0	0	0	0	0	0
0.291832	0.263616	0.186738	0.333766	0.085465	0.286044
17.3179	12.4174	8.20389	14.2976	8.39314	4.72685
26.9403	25.9708	28.8498	27.5995	22.7053	20.6509
39.4163	112.885	0	85.8154	61.1123	63.8965
238.524	265.351	244.32	217.752	226.381	224.346
0.545533	0.64429	0.392241	0.868366	0.610864	0.197204
0.342136	0.146978	0.0553494	0.198635	0.0530458	0.0554626
10.7561	10.9792	10.2212	10.3754	12.0484	9.78691
0.58587	0.69598	0.52107	0.637376	0.336017	0.560332
10.504	6.74578	6.65955	6.28825	5.86996	6.20843
8.76968	7.66981	7.5203	8.26858	8.86269	10.0654
0.599371	0.257483	0.193928	0.369728	0.535444	0.510101
2.14328	1.4648	1.14701	1.60255	3.04609	2.37768
3.40116	2.19069	4.12448	3.4147	2.28884	3.39362
15.651	15.6371	18.9651	16.8626	14.3741	18.5557
0.826571	0.664772	1.03495	0.608075	0.614437	0.908581
26.8868	21.866	23.1505	27.0274	21.6175	25.5133
14.566	10.2853	11.7739	11.5038	12.8008	10.2893
9.46522	10.647	10.2491	9.7994	7.88331	8.05538
3.45216	3.12634	3.25275	2.99281	2.5966	2.91909

5.0223	4.53947	5.33975	4.52365	4.27994	5.06196
0	0.217009	0	0	0.234962	0
31.986	28.0099	31.0602	28.8907	23.02	25.7864
0.923212	0.708635	0.854339	1.61753	0.483622	1.66499
6.85416	4.99063	6.48389	5.63464	4.18772	8.61578
31.4495	29.0776	27.0408	32.0929	30.1423	29.382
0.0474528	0.0113251	0.0639727	0.0803539	0.0490482	0.0897449
22.8979	24.0335	16.3629	21.4535	21.0734	15.1997
37.9924	26.3262	30.5267	33.4962	31.2459	30.4508
0.912338	0.983697	1.11215	0.963433	0.495723	0.978199
0.2294	0.164246	0.148446	0.199776	0.106701	0.260311
0	0.418564	0	0.848512	0.453192	0
12.2138	8.20671	10.1075	11.6593	11.6533	10.1282
0	0	0	0.00388515	0	0
27.6523	23.2514	28.0615	31.0472	28.3408	28.4026
0.299265	0.0297594	0.0336206	0.0301641	0	0.242564
5.44887	4.78302	5.13896	4.76456	5.56435	4.65589
0.366445	0.466431	0.131738	1.41832	0.347201	0.462024
41.9451	45.8315	43.5853	45.8511	41.1038	38.434
4.48719	5.44018	5.1927	3.63881	5.92739	2.42084
27.0921	23.5874	28.4992	20.8381	26.5066	19.7163
0.0805228	0	0.0651333	0.0584368	0	0.130533
0.114563	0.191392	0.0926678	0.138568	0.0296037	0.12381
1.13839	1.272	0.697592	0.600837	1.14992	0.671058
0.312647	0.165814	0.494666	0.350145	0.288902	0.287434
0	0	0	0	0	0
1.69304	1.94816	1.22274	2.41346	1.12498	1.81335
34.8031	39.3108	37.1359	39.5098	26.3112	37.5665
8.5475	6.82136	7.54038	8.78318	7.34954	8.06254
6.39267	8.95287	8.49451	8.47208	6.90341	9.48234
0	0	0	0	0	0
0.942715	0.666529	0.819734	0.735456	0.5207	0.592179
0.122978	0.101433	0.0636627	0.0761574	0	0.0637928
11.9029	7.8419	10.9652	13.6067	9.07491	11.4491
0	0	0	0	0	0
3.50871	2.77043	2.25458	1.83241	1.55066	1.83393
0.058547	0.0419185	0.0473574	0.0424886	0.0453865	0.142363
17.9616	20.5904	18.7565	17.7719	16.1307	16.9054
4.22055	4.39133	4.86021	4.48123	4.14217	4.48255
11.0147	10.4887	11.9346	9.39732	9.91165	8.09624
0	0	0	0	0	0
18.4394	11.0869	16.378	14.6394	14.4441	16.3825
1.78069	1.5636	1.11424	1.43857	0.677185	1.00759

9.9878	7.77679	9.99768	9.85772	11.8076	10.5646
19.7613	17.1621	17.6746	19.3709	15.6792	16.179
4.77342	1.97933	3.67038	4.93225	4.68812	5.62911
9.11463	10.2928	9.32851	6.76399	11.5061	6.6658
4.12383	3.43622	4.02124	3.6395	3.67498	3.66841
288.927	256.481	269.844	266.026	343.901	208.835
9.38543	5.84423	6.9909	6.96362	6.68832	8.22138
0	0.0417276	0	0	0.0225899	0
3.73089	3.82264	3.95441	4.0847	3.6901	4.0407
0	0	0	0	0	0
12.7489	8.53463	10.4434	9.67728	14.7165	8.74142
30.0116	26.4136	32.7157	29.5743	34.1245	36.5617
4.314	2.7731	2.75726	2.86817	2.62508	2.99504
3.75324	4.31797	4.02194	4.72589	3.73021	3.25013
135.024	168.678	142.49	139.474	149.276	146.151
27.3349	30.2576	29.3266	28.3451	29.0814	27.2081
2.47219	2.20153	1.55616	3.51836	3.10465	1.74563
27.0026	24.7017	27.8249	26.4478	29.5842	29.6913
0	0	0	0	0	0.18251
0	0.20235	0	0.259582	0.438181	0.515412
0	0	0	0	0	0
32.1624	29.8774	33.375	33.9987	30.7174	32.5476
8.8925	10.6757	10.2664	9.29145	7.14573	8.02925
0.482868	0.384138	0.477378	0.545107	0.582286	0.217434
7.51332	7.9071	7.5418	7.40152	6.25727	6.38334
0.335868	0.267195	0.181118	0.216663	0.0867901	0.15124
10.7217	7.76919	13.8465	11.8042	10.1075	11.3676
1.52859	3.25526	2.10302	1.27999	1.26601	1.57784
0	0	0	0	0	0
0.018915	0.080882	0.11016	0.0988344	0.161261	0.0689908
450.781	345.066	586.602	664.453	460.344	2361.47
0	0	0	0	0	0
37.1227	43.4086	46.6622	46.4694	38.4106	44.465
0.0459086	0.0328697	0.222807	0.09995	0.213534	0.111631
0	0.0308491	0	0	0	0
0	0	0	0	0	0
3.53897	2.6212	3.33967	2.84872	4.43044	4.35205
0.558692	0.33751	0.338935	0.405452	0.0812077	0
31.6566	28.9425	32.2238	31.4616	42.698	26.9803
16.8306	13.5242	14.9851	16.52	14.3615	13.4455
6.92794	5.68685	7.62442	6.93968	6.64145	7.18129
6.86292	4.32171	3.81232	4.16046	2.78191	3.21694
0.0346425	0	0.0280216	0.0125703	0.0402831	0.0280789

7.63436	6.17528	7.56381	7.31816	5.93708	7.025
218.488	211.24	229.173	245.195	248.331	225.699
0.411245	0.235555	0.232853	0.149224	0.095641	0.166664
41.4699	43.5113	43.2313	49.0496	48	44.5588
11.2854	23.9137	20.2583	18.6308	16.5357	12.5202
0.931034	0.629569	0.564821	0.78828	1.00243	0.398279
13.6521	7.01259	12.1725	10.1642	11.9011	13.0386
0	0.18574	0.629518	0.188265	0.402212	1.05134
25.8263	20.7135	25.2358	21.1396	37.0186	18.0624
69.186	58.8051	59.3994	64.7004	47.5492	58.3686
17.2199	15.4081	17.7403	17.271	17.307	15.7372
1.4427	2.24835	1.64823	2.52583	1.9634	1.25233
0.335083	0.239913	0.406562	0	0	0.135798
0.0155248	0.0222309	0.037673	0.0450665	0.0361052	0.0125834
9.64838	18.1798	14.2436	20.6794	12.5968	7.86594
9.26157	7.88488	9.59748	9.66761	6.96226	8.31204
21.5493	20.5605	28.8323	22.3658	22.743	24.4763
0.0818607	0.0976845	0.286934	0.514868	0.169226	0.154819
7.13811	5.00005	5.91978	6.09662	6.06296	6.42273
0	0	0	0	0	0
1.44486	1.8216	1.72766	1.39048	1.07138	1.04381
0.116198	0.0332782	0.018798	0.0674615	0.0900784	0.0188365
0	0.0926199	0.427271	0.0938795	0.451273	0
4.56549	5.60707	4.5016	4.47411	4.28842	4.72689
2.51538	1.86528	1.01732	1.69507	1.11426	2.40287
17.5123	16.8776	11.4672	15.735	11.2485	11.761
183.864	140.022	172.161	182.893	134.709	168.809
1.16968	0.99081	0.799549	1.31513	0.689645	1.56231
0.857919	0.545644	0.66554	0.758344	0.461192	1.11655
9.24643	6.28311	7.00147	6.88516	6.57227	7.2852
0.0211168	0	0	0	0	0
1.13994	1.11682	1.31009	1.10588	1.09608	1.05961
34.4016	19.7047	32.4646	35.7844	21.3349	28.8131
2.66547	1.43132	1.25769	1.37018	2.66899	1.35028
6.20689	5.4788	6.49641	5.95339	5.29613	6.03639
22.9785	28.6311	25.225	27.6669	22.3823	28.804
0.119903	0.0858484	0	0	0	0.0971856
0	0	0	0	0	0
1.48256	1.61105	1.69251	1.61007	0.929225	2.04539
0	0	0	0	0	0
0	0	0	0	0	0
0.171927	0.223811	0.29121	0.26127	0.315923	0.272575
10.849	9.62977	12.7726	10.8123	9.99442	12.1362



28.8054	30.2838	30.3143	32.0936	30.1156	30.9855
0.586866	0.672296	0.427234	0.25554	0.545937	0.57081
0	0	0	0	0	0
67.6131	65.2893	67.0718	63.6397	66.6591	63.3995
6.16634	5.31863	8.3714	6.25456	6.0382	5.61182
2.59614	1.83584	1.73701	2.30274	2.21134	2.90959
3.16215	2.26404	3.04563	2.54324	2.5398	3.23681
7.21452	5.292	5.96577	5.30607	4.50904	6.44013
0	0	0	0	0	0
16.0737	13.6411	15.288	15.6092	16.0518	16.1177
4.28395	3.65744	3.26545	2.96878	3.11268	3.30919
15.5955	14.6656	14.6821	16.8718	15.4289	16.8679
73.2123	63.5673	112.845	60.6619	125.219	19.8092
28.8259	38.4981	19.9094	25.1153	18.4405	22.7618
0	0	0	0	0	0
0	0	0	0	0	0
17.442	17.9525	21.088	18.6368	27.129	13.2726
0.0595501	0.0852735	0.264929	0.108042	0.0230821	0.0724011
65.966	80.074	60.416	75.1829	67.8423	66.2721
0	0	0	0	0	0
8.86678	8.42133	8.13878	9.38442	7.0847	8.25015
7.76174	5.516	6.29235	8.17264	9.83139	4.3206
4.11573	4.55412	6.35562	7.73869	6.52619	6.36954
9.53853	8.50347	9.0695	8.32988	8.60966	9.79872
0	0.0769955	0.130479	0.0390213	0.166731	0.0871636
14.2282	15.364	15.1628	14.7546	11.2344	12.0548
0	0	0	0	0	0
0.899484	0.700838	0.898769	0.575975	1.21001	0.900606
16.9223	16.675	16.5185	15.5279	11.4286	12.3677
6.85551	6.36897	6.76254	6.64974	6.3774	7.37269
0	0.0294936	0.0999614	0	0	0.0667772
132.955	207.477	149.294	101.716	97.7314	200.318
0	0.167396	0	0	0	0
3.43289	1.07019	2.187	2.35847	2.83168	2.50611
4.57601	4.34391	4.01883	4.79805	3.41964	4.38093
0	551.68	0	565.179	0	0
16.863	13.4708	14.8901	14.6281	16.9112	15.0669
0.289133	1.13858	0.467748	0.104915	0.22414	0.351528
0.16832	0	0.0605114	0.0542901	0.115986	0.0606351
7.97651	5.27623	7.50119	6.82444	6.95649	5.88218
1.31286	0.994202	1.07215	1.02604	1.07006	1.06709
0	0.0659406	20.2958	0	0	0.0559862
35.039	30.915	39.4583	36.6153	41.6409	36.8729

4.44941	5.92608	5.18572	4.09704	3.6347	3.87785
0	0	0	0	0	0
21.4961	20.2279	21.1965	23.3258	24.2819	15.2661
0.231281	0.22079	0.280617	0.167845	0.298821	0.343678
0	0	0	0	0	0.147512
6.09631	4.84101	5.4179	5.3665	6.23581	5.08245
0.858971	0.957836	0.748711	0.778603	0.606183	0.910135
0.506513	0.60874	1.18523	0.761427	0.995665	1.30495
10.4491	13.2383	12.7266	12.8791	13.2281	12.4418
4.75923	6.76983	5.44945	5.63413	5.15567	5.87802
37.5401	30.5632	35.0507	30.9895	29.5905	30.6771
0.0814997	0.0583523	0	0.425856	0.284312	0.264235
8.24634	8.26061	7.44263	8.13324	8.58776	7.27863
14.1895	13.4291	9.89449	11.0078	11.885	8.19617
6.45761	6.47862	6.63683	4.11646	4.65912	4.66814
0	0	0	0.0387671	0	0
4.55668	4.16722	3.91811	3.08456	2.8942	3.44505
26.8102	22.936	26.9215	24.4229	25.4116	25.8324
18.1304	17.2345	17.1165	17.0961	16.9217	16.9849
0	0	0	0	0	0
8.9617	8.47579	9.30633	9.60886	7.81335	8.99781
0	0	0	0	0	0
2.78E-45	1.33E-44	4.02E-53	5.65E-43	5.67E-45	2.20E-43
3.57907	2.06069	2.97529	2.17466	1.96988	2.86825
0.601273	0.21525	1.21589	0.436354	0.233058	0.487352
0.660025	0.322222	0.492651	0.504428	0.257768	0.989571
0.248082	0.710489	0.200669	1.26027	0.769269	0.804317
0	0	0	0	0	0
0.420221	0	0	0	0	0.340603
1.6789	2.07135	1.68257	1.82658	1.34401	1.65158
2.31406	1.77516	2.67399	2.63898	2.1783	2.54548
38.7443	32.8282	35.1946	38.2517	39.1893	33.2029
138.019	170.808	163.872	180.268	171.302	153.029
5.57888	4.88632	5.82701	5.50308	3.98893	5.3121
10.1646	8.07485	9.43147	9.57014	10.5417	10.2481
0	0	0	0	0	0
0	0	0	0	0	0
24.951	23.1281	24.2361	25.1076	24.1641	28.2734
0.229991	0.123502	0.0930176	0.0834544	0	0.0466039
0.699463	0.881032	0.339745	0.713335	0.25794	0.766308
5.93995	5.95404	7.26972	5.32281	4.92507	5.94489
15.1703	15.9239	12.998	12.8687	12.8412	14.4722
9.69494	10.5387	11.6475	11.3057	9.90905	11.7922

0.340123	0.108232	0.229265	0.191981	0.175779	0.275681
32.9	23.0442	33.505	27.5325	19.1988	48.9682
45.8564	60.4667	58.676	60.2973	81.4078	28.432
0.0789143	0.0401162	0.121731	0.091489	0.206129	0.102181
10.5823	11.3162	10.918	9.85855	9.80965	10.1158
95.6146	101.304	114.717	105.977	96.8056	108.308
14.978	17.6002	18.2292	17.6382	16.2879	17.592
10.1115	7.54337	9.06089	9.42594	7.27558	8.98158
0.162663	0.105166	0.0519794	0.118047	0.101709	0.119055
0	0	0	0	0	0
0.0557698	0.0998254	0.135333	0.101183	0.0216168	0.203415
8.6193	4.11417	9.87697	7.81898	5.01136	5.23967
38.954	42.0029	36.049	36.4644	35.4292	37.964
0.329233	0.212152	0.399465	0.215037	0.178659	0.640451
0	0	0	0	0	0.170185
1.41635	1.66463	1.51314	0.930905	0.745798	1.32129
7.61778	5.26561	5.99799	6.42525	6.3923	6.84774
9.38978	9.26065	9.42171	8.67081	8.70652	8.12496
132.078	153.761	115.93	113.643	118.065	126.102
0.444247	0.149803	0.241697	0.186953	0.223575	0.320253
9.37949	6.70625	8.88808	7.73892	9.25233	10.6097
15.8335	16.8796	14.8679	14.7168	13.5522	16.3153
3.16618	3.37403	3.00775	3.17945	4.36668	1.87996
20.4294	22.3079	25.7356	23.5582	19.1142	20.9666
0.0483665	0.0192386	0.029342	0.0380254	0.0281208	0.0130675
8.73461	10.4566	10.5599	9.71278	9.86557	7.72676
0	0	0	0	0	0
4.68658	4.61975	4.34931	5.13542	5.13575	6.0692
11.9783	9.17964	10.2017	10.8936	10.9218	10.497
16.023	12.9475	13.8474	13.5662	13.0155	15.6461
0.101254	0.0241654	0.0546018	0.0734822	0.0523294	0.273567
0	0	0	0	0	0
8.57324	7.31656	5.61086	6.58814	4.16818	6.46323
0.929053	0.825367	0.699808	0.318451	0.46035	0.778928
0.26433	0.212912	0.400896	0.215808	0.358597	0.482059
0.0290599	0.0208063	0.0235059	0.0632678	0.0225276	0.070662
10.7681	9.66562	9.90074	13.4271	11.2902	10.9953
9.4469	7.9031	8.60475	8.86593	10.056	6.96918
0	0	0	0	0	0
1.42584	0.992165	0.879692	1.18161	0.907908	1.48903
2.07209	3.01618	1.50675	2.0599	2.93917	2.50788
3.6825	3.6825	6.51805	6.51805	7.17927	7.17927
0	0	0	0	0	0

0.52466	0.187303	0.931568	0.53231	0.366305	0.382994
1.31095	1.04813	1.93478	2.83382	1.15551	2.03165
12.9826	12.6038	11.6257	11.3017	7.65201	8.29193
16.2641	14.4718	16.4919	15.1045	15.5623	17.0807
0	0	0	0	0	0
0.256927	0.254721	0.495609	0.490452	0.943178	0.626358
0.416654	0.525161	0.426545	0.377967	0.403746	0.42214
1.80153	1.1777	1.56282	1.81899	1.39657	1.43904
1.99844	2.79356	2.30928	3.86748	1.03282	3.00821
8.33312	8.62093	8.74249	8.74111	9.89973	7.51531
0.759512	0.302109	0.546092	0.428705	0.915889	0.547209
0.544011	0.592007	0.516265	0.445543	0.421062	0.497614
4.86865	3.55604	5.12753	5.19319	6.15532	4.02566
8.61239	9.02545	7.67499	6.18411	5.7504	8.12409
5.84314	4.79939	6.31659	5.4393	5.95845	5.55492
37.6552	47.3808	37.7591	38.3752	43.0364	36.8536
2.06427	1.72431	1.73159	1.4426	1.21501	0.898551
7.80614	6.81404	7.50355	6.79031	6.32085	7.04219
0	0	0.127839	0	0	0
1.32593	0.94934	1.60467	1.08146	0.766414	1.26934
21.1601	19.4293	21.9176	25.8184	21.4124	21.4714
0	0	0.0862941	0	0	0
0	0	0.0351712	0	0	0
223.452	167.047	221.835	190.532	164.418	50.8395
35.1405	35.2795	37.9583	35.7723	31.0639	34.4971
0.270158	0.182597	0.267835	0.205456	0.178542	0.230929
0	0.0433634	0	0	0	0
4.96841	4.1411	4.41891	4.60868	3.48116	3.89651
0.0565288	0.0404736	0.228625	0.041024	0.65733	0.32073
7.36694	4.38996	6.15885	5.23424	6.20184	5.95237
1.63923	2.42919	6.68108	1.38327	2.56121	3.00748
6.95916	5.60546	1.40728	1.57825	2.36025	3.17286
0	0	0.376494	0.300248	0.08018	0.335339
0	0	0	0.12583	0.0336031	0.0702681
12.7357	8.85295	10.5264	11.1422	10.9021	11.5243
7.39077	3.97138	7.55335	6.61619	5.07759	4.0893
6.93451	6.7656	6.67679	7.34694	8.36482	6.08302
0	0	0	0	0	0
0	0	0	0	0	0
6.3038	6.30456	5.97734	5.48696	4.83503	6.52737
0.405701	0.214068	0.306537	0.19327	0.130375	0.157034
48.8523	34.1787	46.673	34.4637	38.7741	37.7884
2.29301	2.10144	2.58378	1.68145	2.32786	3.07713

3.71872	3.58065	2.51012	3.46184	3.65819	3.30517
1.38568	1.20257	2.0379	1.34099	1.36716	1.80383
0	0	0	0	0	0
1.90691	1.45722	1.67889	1.68907	1.58818	2.0743
0	0	0	0	0	0
82.4884	85.049	90.5426	83.868	78.6369	73.4727
0.104493	0	0	0.0379163	0.0405023	0.0846952
1.87648	2.22387	2.26348	1.94956	1.90902	2.60826
12.7852	11.0143	13.303	10.7394	11.6097	9.85438
24.7706	23.2738	24.0692	20.9644	22.3988	21.6246
9.21129	10.1392	7.83381	9.58988	8.07504	10.2222
10.1454	8.49781	10.6788	10.9968	10.9906	11.096
3.97183	4.04854	4.35732	4.25295	2.53143	3.82049
6.01793	4.42227	3.55125	4.27646	3.23522	3.11877
3.36407	2.99251	3.11967	3.61273	2.7791	4.64088
7.40943	5.0043	6.59353	5.81022	6.49661	6.45264
3.34341	3.59073	4.28199	4.1956	3.7258	1.91954
13.2137	12.4894	10.145	11.8655	8.54083	11.3014
11.3512	7.92432	7.55483	9.92184	7.72813	10.2091
0	0	0	0	0	0
19.0297	14.7714	18.5122	18.3263	17.3385	19.2544
0.51021	0.209387	0.251204	0.251686	0.22671	0.2811
0	0	0	0	0	0
0	0	0	0	0.0393869	0
10.7293	7.52398	8.92523	10.8904	9.49877	13.7304
1.21946	0.386458	0.355749	0.290158	0.340943	0.486104
0	0	0	0	0	0
0.747878	2.07887	2.91796	2.49026	2.35317	1.6046
4.11183	4.02392	3.47363	3.56968	3.27693	4.08032
0	0	0	0	0	0
0.646896	0.0771942	0	0.39122	0.250742	0.0873885
4.39338	4.76602	2.12687	3.94921	2.12863	3.99261
9.97156	6.05043	10.8501	8.44433	7.94412	7.25493
0	0	0	0	0	0
22.2606	19.5752	19.8484	20.4206	16.7322	16.2759
0	0.0296259	0.134345	0.111218	0	0.0456494
15.8599	13.6165	16.9812	15.6392	16.846	16.937
0	0	0	0	0	0
0.720457	0.839211	0.965548	0.797712	0.396145	0.853091
63.8755	68.1885	110.224	54.2486	42.6919	40.1592
662.158	359.936	664.14	954.182	896.494	4409.47
187.801	167.219	175.384	171.362	191.002	197.072
9.05632	7.61103	7.85605	9.44026	9.65406	8.49953

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.14156	0.956877	0.990946	0.747624	0.647526	1.17351
0	0	0	0	0	0
194.159	225.345	264.333	201.916	261.972	234.304
288.374	217.233	254.612	254.628	214.066	270.99
12.7734	10.8243	12.1438	10.6286	9.45452	10.6653
0.130505	0.0934393	0.105563	0	0.10117	0
0	0.0670121	0.075707	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.75921	3.20453	4.19743	3.58803	2.42851	3.2128
25.4187	24.6379	21.7849	21.6919	20.185	22.9632
0	0	0	0	0	0
0	0	0	0	0	0.379005
8.61E-200	0.0260163	0.0379321	2.82E-43	0.0370723	1.43E-56
2.1119	0.900156	1.19615	1.53072	0.710604	1.23275
0.836597	1.01162	0.751896	0.512691	1.02326	0.949326
0	0	0	0	0	0
0.224366	0.0535473	0.0302475	0.0814133	0	0.0606188
29.2259	26.8919	29.9465	27.1583	28.4797	29.6064
9.19345	9.85356	10.1405	10.4728	8.98422	11.9226
1.32982	0	0.215133	0.579045	0.824719	1.29344
7.9803	7.56708	8.65505	8.02492	8.4613	7.78324
1.05349	0.523966	0.591951	0.554437	0.673297	0.690935
6.01232	7.34704	6.05132	5.77694	5.01105	6.46562
0.0579947	0.259926	0.293651	0.168352	0.202313	0
0	0	0	0	0	0
5.33277	4.10387	4.72438	5.33124	4.09187	2.76397
4.53907	3.65297	4.41726	3.7384	3.85699	4.83127
16.4517	11.7068	11.2235	12.0004	9.26826	11.4239
79.8357	123.691	113.072	60.4413	59.5306	111.083
8.56015	8.35873	11.6375	8.2155	6.31949	7.7772
0	0	0	0	0.0162133	0
0.423225	0.337955	0.350548	0.48761	0.319118	0.342946
0	0	0	0	0	0
5.35445	4.69107	5.04766	4.58378	5.45348	4.8928
11.6891	12.6659	12.2679	11.131	11.5268	11.275
0.143159	0.130158	0.115799	0.103893	0.125879	0.179068
8.45626	7.93017	8.9128	8.47174	8.38737	8.12338
26.7338	28.6362	25.997	30.0697	24.5689	26.499
2.83699	2.61921	1.38895	2.70902	0.868135	2.66255

32.198	27.436	30.6127	31.8174	39.9978	31.7985
0.133335	0.19093	0.431407	0.267821	0.103363	0.216145
11.0349	10.6875	12.3847	10.7479	10.9691	8.41626
0.149148	0.208878	0.169654	0.241606	0.085646	0.10494
7.73121	6.8659	7.64331	7.02289	4.91971	5.89696
41.1674	47.7938	45.031	43.559	42.6092	43.4653
0	0.0899759	0	0.0455998	0	0.0509291
0.038168	0.0273275	0.123493	0.0276992	0.0295884	0.0618729
2.59348	3.58792	2.26643	2.04871	1.54573	2.32952
0	0	0	0	0	0
0	0.0161262	0	0	0.0349207	0.0730233
5.44784	5.58087	5.23979	5.14265	4.53453	5.34203
22.1482	23.863	22.7541	22.5079	16.8936	21.1555
8.10542	9.8287	8.0059	9.07947	7.08077	7.46531
0	0	0	0	0	0
0.0178631	0.0447637	0.0144491	0.0194453	0.00692387	0.0217179
0	0.206018	0.232749	1.0441	0.446124	0.466449
0.467738	0.418614	0.529681	0.254584	0.362597	0.360161
23.1227	14.8784	18.5578	20.0495	18.6778	18.6687
1.03841	1.13526	0.874586	1.12491	0.747802	1.09205
10.8079	8.16839	9.55717	9.27541	9.43831	8.96301
14.9871	17.6925	11.9423	11.7828	9.1286	13.1237
31.488	29.2197	29.9857	31.054	27.1388	32.7218
4.26917	3.60446	2.50127	3.70139	2.55836	2.69259
41.4812	53.8003	53.0552	54.7339	47.5164	72.8307
16.2467	13.5236	16.888	16.8061	15.9608	17.6558
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.46505	1.68007	1.89806	1.96094	1.56183	1.72904
146.677	170.636	157.416	141.336	132.188	133.3
0	0	0	0	0	0
4.47581	2.5975	1.30621	2.58466	1.81377	1.09328
5.00021	5.86571	5.98028	6.02835	5.22243	5.06703
0	0	0	0	0	0
0	0	0	0	0.0399294	0.0208743
1.19645	2.21297	0.914017	1.47126	0.747157	1.72402
1.38478	1.23016	1.04752	0.604835	1.01386	1.20555
4.0483	4.10325	4.33725	6.10798	2.80366	2.79962
7.8975	6.91839	7.83804	8.55717	9.21295	8.70072
58.2861	56.0583	58.4819	48.2191	53.3996	53.8545
0.226924	0.0801628	0.141507	0.182774	0.086795	0.111563
0	0	0.00633885	0	0	0

20.5234	20.4239	21.0092	19.2998	22.3275	15.092
1.24311	1.16278	1.56349	0.898465	1.48109	1.04524
0	0	0	0	0	0
14.6724	16.3212	16.8019	14.9725	16.3205	13.3505
3.81217	3.01237	3.40323	2.61474	3.09941	2.43989
0	0	0	0	0	0
0	0	0	0	0	0
0.0579038	0	0	0.0420218	0	0
0	0	0	0	0	0
8.79749	7.21537	8.41631	9.72494	8.81288	7.39557
3.3138	2.23597	2.87694	3.23589	3.3759	2.6297
101.964	92.5776	101.736	108.636	114.337	96.9409
0.0466929	0	0	0.0338858	0	0
47.5028	47.6815	47.678	44.8534	49.7462	35.7603
7.95068	5.86679	6.75926	7.22716	6.96536	7.43065
0.345993	0.392231	0.373156	0.37664	0.603494	0.210329
0.329492	0.327653	0.459006	0.478237	0.354761	0.222554
4.60887	0	5.08182	0	4.25007	0
22.8498	16.3916	20.9776	21.6725	18.3159	21.7604
40.052	38.949	44.7834	39.6568	43.0882	39.9949
1.16266	1.4153	0.925936	1.43436	1.21069	0.673706
2.76743	4.05798	2.89522	3.94135	2.92014	3.239
4.64645	4.389	4.74748	4.72082	4.22129	4.84969
4.71384	4.23394	3.0215	3.38822	3.1067	2.89078
1.55776	2.56526	1.38605	1.41312	1.2076	0.820703
6.61993	5.77201	5.98362	5.63686	5.34839	6.59544
0	0	0.0817182	0	0	0
2.23126	2.23406	2.56623	2.22649	2.59456	2.81167
0	0	0	0	0	0
18.6359	22.9224	23.9005	19.8739	17.1544	19.4268
1.49085	1.31621	1.82249	1.43173	1.13835	1.26289
23.0033	21.0525	24.4069	26.5426	26.0399	24.6129
2.42331	3.18764	2.96305	2.74021	2.31547	2.64936
0	0	0	0	0	0
31.1112	28.01	31.9398	32.4261	32.5327	34.1749
0.493219	0.559131	0.299216	0.178969	0.159313	0.366456
5.26507	3.87124	4.43728	4.86195	4.33819	5.00854
96.1819	113.258	112.768	92.8363	117.747	109.307
10.2911	10.7199	9.01271	11.7642	11.6968	11.1635
5.85471	4.96115	7.12117	5.71576	5.40003	8.00926
0	0	0	0	0	0
16.4921	17.9046	16.9263	17.8122	18.6194	16.8338
1.27348	0.334321	0.858407	0.80096	0.427795	0.481691



0.0982032	0	0	0	0.152257	0
0	0	0	0	0	0
0	0.10113	0.114251	0.102505	0	0.457939
57.5538	45.4113	62.194	54.0179	59.1359	39.1431
25.1086	21.61	23.1336	25.885	26.7764	22.3022
24.1313	30.1053	22.9755	25.4271	24.5364	37.0112
0.752846	1.18585	0.578514	0.573672	0.904608	0.579697
55.1058	61.3454	63.937	59.8389	62.3107	55.1928
8.81865	7.66098	9.21845	9.59807	7.38341	6.87231
0	0.104891	0.17775	0.106317	0	0.237485
132.084	115.056	136.341	155.519	151.13	137.845
5.67662	4.5063	5.51797	5.99981	5.31966	5.61983
23.7312	22.1256	25.4656	21.1161	18.9988	21.7147
33.3578	41.2824	33.7393	35.3128	32.7074	30.6344
9.9977	1.87491	9.28392	10.0884	9.36686	5.39578
0	0	0	0	0	0
0	0	0	0	0.0234999	0.0737116
0.0260055	0.0372388	0.168282	0.0849268	0.0403197	0.200244
3.85981	4.32329	4.42301	3.91523	3.29821	4.17135
0	0.108391	0	0	0.352074	0
8.30887	6.14952	4.00232	4.26835	9.98742	2.11876
21.3343	21.731	26.6423	24.9184	20.1315	24.6943
0	0	0	0	0	0
4.05518	3.70827	3.72204	2.83618	3.24137	3.84035
0	0	0	0	0	0
95.3092	614.156	616.75	830.011	664.967	1236.02
17.4801	15.8489	17.1398	17.0174	14.3803	16.0384
25.4598	29.2207	25.2383	25.2797	17.6485	22.4044
4.21558	2.1706	2.82066	2.59429	2.00734	2.83807
9.83397	12.0879	5.47244	4.91733	7.26064	5.15178
2.19662	1.65828	1.41997	1.43405	0.947579	2.28698
0	0	0	0	0	0
0.234816	0.327842	0.322895	0.247095	0.136525	0.218876
3.63512	3.34478	2.8343	2.98225	2.90051	2.83988
5.83602	4.39276	6.01182	4.3077	5.2202	5.2963
0	0	0	0	0	0
0	0.0395052	0	0	0	0.0447223
9.33186	6.8429	6.84331	8.8913	6.19026	6.7037
47.6217	47.9942	45.7755	48.9774	36.1866	41.4011
0	0	0	0	0	0
0.0363398	0.0130093	0.0146973	0.0131862	0.0140856	0
0	0	0	0	0	0
50.111	46.0421	48.9597	46.1199	50.3293	48.7651

0.541077	0.807085	0.205156	0.39267	0.788656	0.205576
3.41549	5.68524	2.88014	2.44043	1.38924	2.1003
0.7144	0.429657	0.670321	0.871	1.06332	0.880148
0.170247	0.243787	0.137709	0.494205	0	0.137991
0.331245	0.417548	0.309531	0.13322	0.23455	0.411325
0.971626	0.632423	0.785928	0.961536	1.98576	0.429565
23.9976	25.3659	25.366	25.6836	29.3895	24.4989
24.4573	23.4036	17.2709	18.1999	20.8858	18.1243
59.5449	119.15	79.034	46.0554	37.061	46.0791
10.1199	10.9456	11.8433	10.0787	9.34737	10.7331
1.15202	0.726016	0.465922	0.529057	0.558164	0.821894
2.74409	1.98451	2.98186	1.85058	3.76024	2.988
76.6722	57.3828	64.1225	96.3452	73.5704	74.188
2.16579	1.89013	1.80381	1.86613	2.06313	2.36686
7.71654	6.31597	6.08993	5.81103	6.53168	6.57569
6.23321	4.61495	5.00632	5.97903	5.33505	7.74215
0.909122	0.68346	0.661834	0.59379	0.0704766	0.515812
0	0	0.0612565	0	0	0.0613818
0	0	0	0	0	0
0.905376	0.283099	0.356307	0.379097	0.532113	0.578529
0	0	0	0	0	0
0.177756	0.466657	0.191711	0.129001	0.367465	0.384206
0.0454281	0	0	0	0.00440207	0.036821
0.714435	0	0.346735	0.207391	0.443073	0.115815
0.00880753	0.0359443	0.0132307	0.0323241	0.00585234	0.0267705
0.908761	1.57242	0.367539	0.659504	1.35026	0.184145
35.0585	74.1788	36.3016	33.781	18.0425	27.3814
0.281762	0.134491	0	0.0340799	0.0364043	0.0761258
0	0	0	0	0	0
6.96043	4.97062	5.28751	6.99894	6.47053	5.49341
14.8893	13.3745	18.6616	14.2501	21.473	11.9378
2.42437	1.76794	2.52391	2.93234	2.54068	2.85657
0.697013	0.528875	0.60632	0.505835	0.631831	0.454114
17.3612	16.4511	19.9806	17.5065	20.7073	8.52691
74.8933	96.0375	88.6571	101.709	67.2021	69.5096
4.78232	3.82824	4.2133	3.78549	3.12374	3.79199
3.35976	11.4507	6.21175	9.79648	5.27426	6.19238
0	0.372789	0.421159	0.377859	0	0.21101
3.0197	2.4323	2.13725	3.28718	3.21876	3.36541
7.9	6.08413	7.06645	7.33796	9.22118	6.73879
0.113506	0.108357	0.244834	0.109831	0.0879916	0.0613336
2.62698	3.42045	12.7571	3.12402	3.27769	5.24214
0	0	0	0	0	0

21.7374	22.7823	21.893	20.8877	19.2227	22.2404
0	0	0	0	0	0
5.38215	6.90245	7.12827	7.3397	6.64821	7.16682
5.18871	4.61296	2.80232	4.53703	3.55922	3.92878
0	0	0	0	0	0
0.0629269	0	0	0.0228336	0.0487819	0.0510044
23.2238	25.6425	22.6665	25.0441	19.035	21.5927
11.493	11.0675	11.3752	12.1332	12.834	11.1584
0	0	0	0	0	0
0	0	0	0	0	0
193.583	224.767	247.844	232.846	245.182	230.258
0.141046	0.230825	0.179283	0.160851	0.0468604	0.195981
0	0	0	0	0	0
7.13769	5.49457	6.84899	5.73011	6.22038	7.26948
3.5537	2.47116	3.83958	2.7336	3.55426	3.59877
0	0	0	0	0	0
32.8953	31.3462	31.1044	32.16	30.7858	28.6893
9.68091	7.96588	7.83069	7.60234	6.6087	8.43228
4.29538	2.59236	3.71092	3.26412	3.46931	3.66383
31.1071	26.0032	28.3395	27.986	38.9688	22.809
56.4656	51.6615	48.8155	51.899	48.0955	46.8824
8.53586	9.38175	6.42731	8.44652	8.42732	8.38664
11.1535	10.4227	9.26598	8.71821	9.07631	9.17193
10.9843	8.99289	9.63337	10.0711	9.55456	12.5636
2.99726	1.8664	2.36466	2.2058	2.42988	2.12143
16.2919	17.303	18.4756	19.58	18.958	17.6068
0.0296435	0.127345	0.0479561	0.0215128	0.0229801	0.0240271
0.190951	0	0.154457	0	0.148028	0.154772
0	0	0	0	0	0
0	0	0	0	0	0
8.83707	10.0775	10.2933	9.67814	9.31686	8.17855
0	0	0.0613027	0	0.0660953	0.030714
3.13549	2.30718	3.12535	3.36712	1.93086	2.98277
73.4488	75.3864	73.2684	75.1459	85.4279	69.8255
2.99224	9.00678	3.21069	2.21584	3.31376	3.81121
12.4738	13.7771	14.5041	14.6074	12.939	14.7923
2.49096	3.32379	3.97836	4.61186	2.87624	2.91329
0.102571	0.220317	0.0829676	0.297751	0.159029	0
0	0	0	0	0	0
0	0	0	0	0	0
31.5805	38.6883	34.8386	31.8014	23.3376	31.1876
0.37799	0	0	0.137157	0.293024	0
1.54714	1.41788	2.05238	1.43717	1.15139	1.05337

0	0	0	37.0256	0	0
34.3645	31.6244	29.9528	34.3688	33.5766	34.3348
0.548307	0.725921	1.0088	0.933309	0.755851	0.695822
0.0877242	0	0	0	0.0680051	0.106655
1.27558	0.885617	1.0839	1.11273	1.44832	1.47253
0	0	0	0	0	0
0.550804	0.548039	0.490191	0.370781	0.655539	0.79487
0.749009	0.536247	0.154755	0.438655	0.367658	0.379266
31.1926	22.8695	25.5471	24.9291	36.2463	25.7313
61.8767	55.4576	54.9448	50.3492	60.3729	44.0382
8.5719	7.59089	8.68529	8.72546	6.10297	7.88029
14.5458	15.2563	17.0036	14.4453	12.6609	14.0651
0.396609	0.0475586	0	0.376091	0.393544	0.859278
1.93227	1.80345	1.86998	2.12846	1.95265	1.84584
1.78072	0.902279	1.58442	1.42153	1.64591	2.02066
0.142887	0.102304	0	0	0	0.115815
11.8053	8.7065	11.2062	10.9283	9.03608	10.4339
0.2974	0	0.184103	0.105712	0.203259	0
0.0836948	0.0599239	0.101549	0.0303694	0.0973223	0
0.321569	0.166549	0.0578023	0.0259298	0.147724	0
0	0.241548	0.100245	0	0.261531	0.279027
114.034	107.826	107.733	110.596	117.083	108.206
7.31247	6.3249	6.86717	6.61427	5.7471	6.31216
0	0	0	0	0	0
3.43382	1.68809	1.92668	1.64085	3.01813	2.35202
0	0	0	0	0	0
0.156603	0	0.126673	0	0.0607005	0
7.60399	7.11016	8.53755	7.24798	9.19407	7.35915
0.34831	1.66E-18	3.58E-19	3.24E-16	1.21E-25	5.06E-21
0.629815	0.242811	0.744573	0.632863	0.375571	0.196341
0.708802	0.387983	0.573336	0.532967	0.515408	0.676734
69.8623	67.4912	71.7746	72.6653	84.6022	73.3006
0.0335825	0.0721334	0.0271642	0.0974858	0.0781011	0.190538
17.4147	17.1673	15.3007	17.4319	17.2908	13.8023
0.287766	0.226638	0.349152	0.292371	0.200772	0.443163
2.21756	1.67933	1.44879	1.36174	1.98356	1.79741
90.1317	91.4718	97.4368	95.4927	94.0958	76.7304
0.954344	0.404914	0.922527	1.09445	0.45668	1.06957
29.8022	21.4047	24.5368	27.4319	27.3606	27.0515
0.158203	0.22654	0.255934	0	0.245283	0.384686
8.18935	7.49215	5.20234	7.50399	8.28834	11.5825
0.0504159	0.073096	0.0424796	0.0687925	0.0696678	0.0562941
0.0554347	0.0198451	0	0	0.0859477	0.0449317

14.7851	10.0905	13.1425	13.8139	14.6335	15.6367
0.852812	0.68083	0.557667	0.880014	0.870051	0.717732
0	0	0	0	0	0
0.134396	0.28827	0.116355	0.139156	0.235253	0.190125
4.71508	5.87218	5.61346	5.75926	5.27688	4.36
0	0.175986	0.49705	0.0891896	0.285818	0
1.01831	1.17503	2.0159	1.94197	1.67422	1.39829
8.7971	6.30941	8.06048	8.01329	9.2418	7.54833
11.6163	9.65854	9.15583	9.17805	9.84216	9.6551
4.18955	4.0941	5.31224	4.47857	4.0817	4.54299
18.84	19.2754	19.4297	20.7155	19.1164	27.4336
17.6228	18.6853	19.647	18.4221	19.2693	19.869
2.31813	1.72586	1.62856	1.937	1.63954	1.93132
3.80736	2.97158	2.69127	2.81291	3.32384	3.33627
102.598	87.8308	83.982	101.853	102.835	80.6285
12.1796	9.53989	9.58239	10.6768	9.10175	10.0985
0.848639	0.75262	1.96788	0.868669	0.910755	1.08764
0.908839	0.838986	3.06432	0.832239	2.14147	0.820142
0.657524	0.470775	0.797787	0.715766	0.254862	0
7.06965	7.48874	5.80515	5.14253	3.60359	4.34453
0	0	0	0	0	0
21.1276	16.9467	18.1371	20.9635	19.6519	19.112
6.23487	6.20662	6.74506	6.92141	5.83339	7.4108
1.06304	1.58077	0.859868	1.3649	0.507127	1.32558
42.4068	37.2124	43.4688	40.2184	47.7153	45.5199
1.18252	0.863757	0.831319	0.491523	0.428811	0.722925
7.24E-09	3.76E-08	1.75E-12	5.72E-10	1.90E-08	9.27E-10
0.42231	0.282729	0.388088	0.520674	0.0717469	0.2381
12.3353	9.82672	11.0789	12.0389	9.25499	10.7107
35.0669	32.9264	36.1872	33.605	33.546	31.8702
111.336	318.859	240.154	242.397	172.62	180.484
14.0037	10.0093	10.8369	10.3348	10.0518	10.4485
0	0	0	0	0	0
0	0	0.0762875	0	0	0
0	0	0	0	0	0
1.55567	0.708801	1.58724	1.53952	0.890781	0.902707
44.9035	36.5892	41.7156	42.1804	34.0672	34.0229
2.28483	2.15256	2.5834	1.7435	2.88271	2.10475
25.4244	22.2856	18.6942	23.6982	16.5814	13.2846
4.53585	3.64994	3.99364	3.17522	3.08062	3.57885
12.5715	10.6829	10.9083	11.7866	13.1943	11.2394
11.2402	12.3919	11.9727	13.7696	12.2114	14.1121
0.622602	0.541061	0.628455	0.619915	0.842039	0.550493

251.54	287.739	286.492	276.591	284.35	284.713
3.0416	3.48995	2.58646	3.36762	2.69042	2.68657
17.4769	16.8656	18.128	17.3077	15.4236	17.0645
10.9736	10.7257	12.0979	12.2915	12.7689	12.8994
62.0771	54.1583	50.6296	53.7253	41.5643	52.9653
1.39841	0.912894	1.01471	1.19395	0.860881	1.20014
0.0206152	0	0	0.0149609	0	0
0.192633	0.19309	0.186981	0.167757	0.119466	0.0624543
9.84258	7.10932	9.54858	8.3413	8.00067	8.43915
62.4135	71.1405	64.7633	64.292	63.7588	60.5673
0.16449	0.294403	0.1332	0.268699	0.318742	0.233297
0	0	0	0	0	0
10.7233	7.29377	7.93036	9.33848	6.94716	7.94657
10.2261	7.368	11.8996	8.33273	7.92748	9.31927
0.149379	0.132417	0.0517841	0.118732	0.12683	0.0576556
16.5651	12.3023	12.4435	13.9747	11.2071	14.0718
3.43209	4.22808	2.81849	3.53943	2.78911	3.29314
0.951874	1.81091	1.31992	1.34211	1.70773	1.85166
20.679	23.786	30.8314	25.2575	23.0304	22.9251
23.4056	18.3308	21.3205	22.5411	20.4874	22.2999
12.9358	19.9952	14.5802	22.4625	11.1325	15.3441
28.7922	27.7569	31.6017	32.9046	35.095	31.4037
3.34771	3.0037	2.77645	0.953345	4.30343	3.74385
0	0	0	0	0	0
0	0	0	0	0	0
0.324928	0.290802	0.0657068	0.176854	0.125944	0
6.57857	4.57623	5.20329	5.91427	5.83112	7.10835
17.5906	19.7289	17.6331	18.1697	18.7676	17.2026
24.5366	29.9487	19.607	19.84	18.2734	23.5151
58.3508	68.901	73.9283	49.8566	93.5181	60.3882
0	0	0	0	0	0
0	0	0	0	0	0
4.95773	3.21642	3.0755	3.3888	3.47025	2.81099
82.5372	67.6251	91.1557	93.5444	88.2436	95.2566
0.0279932	0.0400852	0.0226431	0.0203152	0.0651022	0.0567235
0.036915	0.0370026	0.0298598	0.0535798	0.0572342	0.0538575
24.6533	26.8171	24.3303	27.091	24.1706	23.6302
29.2315	28.596	29.4398	39.0635	30.2638	40.5237
16.2482	13.6253	12.6401	15.3355	15.4179	14.0093
10.8859	11.6801	13.1454	13.5269	12.8146	12.1009
1.14946	0.887123	0.350176	0.660849	0.717494	1.73026
41.2224	39.056	42.9211	49.5109	49.897	32.5431
0	0	0	0	0	0

43.8574	39.9036	43.1837	47.0125	44.7149	43.2776
1.93339	1.93093	1.56388	2.65245	1.92003	2.22465
22.9904	25.6102	24.5537	27.1202	24.6978	24.2335
35.407	39.883	41.12	39.1015	37.3641	40.5806
12.8403	10.954	12.2151	12.1091	12.0522	12.0796
1.12108	0.897059	1.61061	1.55194	1.49921	2.35865
1.92199	2.31821	2.32003	2.17807	2.31516	3.04378
0.252431	0	0.14136	0.0422754	0.286006	0
0.0415947	0.0396995	0.00840803	0.0546752	0.0362615	0.0337123
0	0	0	0	0	0
4.10943	4.8724	3.72292	4.95059	3.28763	4.39669
7.00149	5.41652	6.40728	4.4998	5.95663	6.73299
18.8018	19.4153	19.2066	18.8077	14.3247	19.171
0.214556	0.0382381	0.0434993	0.0390804	0.0416723	0.0431998
0.14097	0.080881	0.136454	0.102304	0.0871833	0.159741
2.32223	0.348001	0.393154	0.156771	0.711718	0.525278
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
168.106	186.635	182.369	202.757	200.276	166.728
8.24082	4.80841	6.49186	6.32467	5.67766	5.54295
1.02943	0.810759	0.624515	0.784431	0.778081	0.709231
1.83E-06	3.73E-06	1.18E-06	2.14E-06	2.14E-06	9.10E-07
0	0	0.0791187	0.0709845	0	0.237841
4.66027	5.434	4.25426	4.63823	5.30768	5.54011
22.9169	20.3981	19.9629	21.8517	25.7005	22.8845
8.0813	7.39455	8.86042	8.0182	9.495	8.34122
0.109772	0.0785943	0.00986577	0.0354059	0.0567311	0.0692016
112.641	110.259	89.3523	124.419	123.153	102.897
0.548751	0.252575	0.142674	0.426684	0.151929	0.206505
14.8264	14.7202	16.2216	14.443	14.6357	15.4453
0.872937	0.806711	0.411707	0.47476	0.549945	0.663154
0.0323007	0	0	0.0226751	0.0488798	0
5.27789	5.71592	4.80642	7.07108	5.5866	5.62978
27.0515	23.1315	27.4807	24.1334	22.0895	23.2422
5.05153	7.64847	5.62666	5.70925	2.99593	2.72972
1.24734	2.38153	1.90579	1.5087	0.859518	3.14537
0.435001	2.58506	0.598168	0.694514	0.640717	0.317325
31.9444	26.0789	27.8259	29.9536	29.0627	30.9502
5.05304	4.22581	6.85126	5.62086	5.2818	4.83422
25.0396	28.8358	28.6119	21.4557	24.3225	26.2251
0	0	0	0	0	0
17.2238	14.5352	16.2668	18.1608	18.7522	16.5482

26.374	28.5605	31.2886	29.1834	27.7719	26.0851
32.3592	37.0814	26.3105	27.1227	16.1964	26.6952
4.76569	3.66678	5.39681	4.429	6.30811	1.97173
0	0	0.280597	0.125874	0.13446	0
0	0.0403499	0	0	0	0
24.1585	25.0884	24.3619	27.4651	20.4671	22.1896
2.06267	2.14061	2.4475	1.9966	1.67508	2.4545
8.00201	6.81099	6.69462	8.6895	7.3335	6.32198
14.9104	12.709	14.0469	16.8322	13.6228	11.6058
0.742462	0.475632	0.512058	0.805391	0.551334	0.677806
1.44569	1.8761	0.95013	0.786873	0.840542	0.878836
0	0.0908682	0.102658	0.276312	0.0983859	0.411473
24.9755	24.2159	24.534	25.8407	25.2641	22.2538
0.105023	0.243475	0.0826552	0.0526484	0.084391	0.236686
1.1906	1.4849	1.39798	1.75595	0.922969	1.86778
1.13118	0.48543	0.796833	0.836333	0.571029	0.691747
0.112744	0.156279	0.0656614	0.132549	0.131101	0.0146212
0.0478122	0.0342326	0.0386743	0.104094	0.0370647	0.0775068
2.92947	2.51975	2.91033	3.19609	2.89587	2.85253
36.3363	33.5317	32.8452	33.0779	30.6595	31.229
7.06271	6.28018	6.88004	8.29456	5.9461	6.06312
33.9698	31.8783	37.0975	38.2697	27.4772	30.968
6.5444	6.73152	6.74751	6.82306	7.41348	6.44379
8.51454	10.5279	7.0714	6.58244	6.09293	7.4316
0	0	0	0	0	0
1.44217	1.45056	1.15864	0.975173	1.48167	1.42144
2.84964	3.17509	3.15814	3.46139	3.38513	3.39771
7.08505	6.64181	7.03891	6.50052	6.77895	6.27727
1.32116	0.385012	0.646321	1.1329	0.268558	0.979519
1.13438	0.691871	1.0875	0.945204	0.944531	0.817294
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.252057	0.538498	0.281516
15.1771	13.0417	12.3492	9.86305	12.8579	10.4119
14.7232	9.26123	11.487	11.9525	10.423	12.1686
18.308	22.9351	13.0576	16.3794	21.9537	16.3761
2.7343	3.1158	1.7133	1.81664	1.59234	1.87291
0	0	0	0	0	0
0.787782	0.258517	0.637221	0.41687	0.394411	0.638524
0.356465	0.232901	0.355277	0.280472	0.203937	0.516379
0.043296	0.0309991	0.0700424	0.141393	0.0335637	0.0701856
3.02259	1.0973	2.58265	1.42117	2.07914	3.86464
0	0	0	0	0	0



0	0	0	0	0	0
0.0807196	0	0.0326462	0.0878695	0.0312875	0.0654259
0.269833	0.262961	0.363771	0.326372	0.348632	0.227822
0	0	0	0	0	0
0.333215	2.14718	0.269531	0.967281	0.516627	1.08033
5.7825	6.19682	6.65285	5.69575	4.34385	5.27947
39.818	14.2545	16.104	14.4483	0	32.2739
27.9625	29.2027	37.3468	40.7724	25.9504	41.3356
0	0	0.134301	0	0	0
11.111	9.36285	11.4997	10.0634	13.463	11.7307
0	0	0	0	0	0
1.33687	0.976554	1.38534	1.08716	0.809027	1.08361
47.7804	52.3559	50.2712	49.2739	45.4144	44.8735
0.139145	0.154164	0.106958	0.0909451	0.118595	0.173691
87.4345	100.29	93.6014	96.4546	102.056	87.4469
16.8023	14.6716	19.1673	15.7432	14.5289	18.8989
0	0.135612	0	0.0687284	0	0
0	0	0	0.0396997	0	0.0442146
22.2325	22.5841	23.4831	21.6368	17.4544	21.8735
0.128737	0.110159	0.143572	0.163694	0.117455	0.142493
64.1906	52.9326	54.0844	56.9176	73.8496	28.3888
0.66246	0.482489	0.750683	1.08447	0.604866	0.43392
2.89488	4.03889	3.42227	3.33975	3.42369	3.66991
2.63194	2.39239	2.42512	2.0097	1.84516	2.02197
20.4455	20.3374	18.4736	21.4287	15.9529	18.6065
87.9592	89.2258	93.3893	101.062	110.288	79.8315
0.126696	0.0907122	0.512411	0.183892	0	0
4.66752	3.45419	3.71201	5.32291	3.89199	4.73693
23.7523	14.3982	17.0643	14.2085	24.5901	11.8095
7.01205	3.73426	4.14203	5.75481	4.32435	4.86227
21.2472	20.8586	15.8624	15.9578	10.8105	16.4818
3.49728	3.89311	4.11045	4.91543	5.17143	2.07474
15.9782	11.9693	14.5061	14.4185	14.8086	14.5145
9.04388	10.4614	13.2655	12.5417	11.776	8.49423
27.1681	26.3604	28.0568	26.3664	25.0637	24.5406
2.06825	1.73159	1.4706	1.66238	1.56453	1.62231
0	0	0	0	0	0
136.284	139.288	141.191	135.612	135.101	119.101
0.0758066	0.020941	0.00632086	0.0425595	0.122958	0.0168901
4.01418	3.40631	3.72803	3.15593	3.6305	2.98249
0	0	0	0	0	0
2.39759	1.99662	2.70239	2.07075	2.51099	1.7918
0	0	0	0	0	0

1.42805	1.91711	1.4439	1.57613	1.86814	1.49508
13.9385	14.9982	10.983	9.53406	8.69394	10.6159
8.62633	9.1626	8.74122	9.19548	7.59358	9.06643
0	0	0.136139	0.244285	0	0
1.40846	1.36964	1.75237	1.26431	0.76109	1.65441
33.2208	39.3986	32.9722	35.9136	29.0955	32.1403
12.5178	12.428	12.6785	13.5038	11.2361	15.0972
0	0	0	0.0158362	0	0
0	0	0	0	0	0
17.9078	15.1745	14.177	8.50269	3.95057	13.5498
0	0	0	0	0	0
77.4191	64.1149	61.5575	54.097	49.7809	60.3913
0.189184	0.259126	0.240861	0.377868	0.347682	0.258282
0	0	0	0	0	0.0322369
1.34724	1.62638	2.07337	1.86073	1.25512	1.66324
0	0	0	0	0	0
17.042	15.3144	18.04	17.4788	16.7836	17.6188
5.40674	3.78616	4.37288	4.24942	4.03271	3.74677
0.0842365	0.0964194	0.293994	0.144786	0.131462	0.161708
1.05012	1.58728	0.943803	1.61004	1.35679	1.22945
0	0	0	0	0	0
0	0	0	0	0.0179658	0
0	0	0	0	0	0
93.6609	98.2671	98.9757	93.6268	80.5142	193.112
116.599	74.5892	81.8633	74.3735	154.411	36.433
1.00163	0.933915	1.0314	1.08111	0.912596	0.901886
103.443	108.065	115.125	97.3507	171.371	45.9039
15.5562	16.8791	20.3664	19.514	16.7837	16.4651
5.13013	4.13749	5.69187	4.7786	6.00353	4.89099
8.948	13.8061	12.9557	10.8462	11.4099	9.99025
18.7472	11.0964	17.5391	15.2565	17.2947	15.238
4.06837	3.44976	4.41357	3.99455	3.97016	3.77602
0	0	0	0	0	0
6.01572	3.06508	3.12329	3.63471	3.03668	3.24307
50.5064	55.5658	47.7141	48.7525	42.7606	44.4218
11.4535	10.7122	11.482	11.8864	10.77	6.9673
0	0	0	0	0	0
0.0321768	0.069114	0	0	0.049888	0
0.646012	0.231266	0.261273	0.234411	0.250399	0.523615
100.283	101.893	103.608	109.149	105.638	99.412
15.1269	15.4125	14.2397	12.6065	11.7529	11.52
0.929784	0.849875	1.07609	1.09027	0.997806	1.04326
0.590582	0.739979	0.437901	0.39288	0.419676	0.239343

0	0	0	0	0	0
3.80531	2.58113	1.13401	2.61624	1.70786	3.57133
0.303814	0.183537	0.287987	0	0.225927	0.33244
3.78734	3.61555	2.88591	2.58921	1.91479	3.20324
14.6856	14.9013	12.4381	12.7683	10.6083	10.1834
2.5881	1.55584	2.15271	2.33892	2.47952	2.7706
0	0	0	0	0	0
30.0559	43.364	37.3022	42.3957	43.8151	40.6579
11.8553	9.93676	9.75433	10.5888	10.9403	13.6588
2.14674	2.00463	1.96285	1.62297	1.47133	1.77403
8.97217	6.33052	7.34519	6.81329	5.80094	7.17629
0	0.138874	0	0	0	0
0	0.00943112	0.0106548	0.0191188	0	0
0	0	0	0	0	0
2.40468	2.12613	3.6926	3.43697	2.02567	3.14914
0	0.0802422	0	0.0813335	0.260642	0.272517
208.166	242.508	170.962	196.513	140.174	175.658
2.58342	2.23377	2.21529	2.19243	3.03143	2.9979
84.9994	82.5271	93.8504	78.3655	89.8041	87.7004
142.93	155.216	120.694	106.342	102.662	140.676
10.7904	8.76666	10.0641	9.10121	11.9761	9.48348
7.06434	7.06946	6.99073	5.58157	5.99323	7.57814
3.0705	2.05659	3.35157	2.27623	2.85377	3.18448
0.421099	0.344694	0.803098	0.414741	0.373077	0.487893
35.7034	32.0955	35.8253	36.5984	37.7829	36.7959
22.4753	14.3215	14.9128	6.76639	12.0907	2.67509
0.0119191	0.00853383	0	0	0	0
7.20558	5.69699	5.75403	6.75442	5.87924	5.13442
0	0	0	0	0	0
0.0165076	0	0	0.0119798	0.0255938	0.0133799
5.04293	3.95711	5.41823	5.62494	5.11375	5.2848
10.6317	9.22031	6.17731	5.3611	4.87548	6.39223
37.2592	40.6091	31.6284	38.4523	34.2618	33.7126
19.3836	20.2615	21.6198	20.2682	25.7839	26.3982
1.80574	1.63468	1.10475	1.51816	0.764696	1.52134
45.2147	47.7762	50.2169	44.9184	48.2875	48.0841
0	0	0	0	0	0
24.5347	22.1071	23.2491	24.0157	36.6842	24.0381
4.31341	4.87264	4.44632	4.76384	4.01566	4.32308
2.32984	3.13999	2.32798	1.49189	2.33734	2.99924
11.1369	10.6358	11.764	12.5416	11.9006	12.8683
69.567	70.362	66.4375	63.9103	72.1904	57.2264
136.359	73.5584	92.5932	79.2813	87.5167	32.2861

0	0	0	0	0	0
24.4392	16.4394	21.6511	19.194	14.6861	12.8234
7.25384	4.86766	6.20979	5.69216	6.52758	6.21726
40.8755	44.1872	37.7342	43.2633	41.5124	47.5828
3.91784	3.02306	3.5759	3.22747	3.50916	4.25909
0	0	0	0	0	0
0	0	0	0	0	0
0.236061	0.126761	0.143208	0.128485	0.228747	0
1.66E-05	0.0003055	1.66E-06	1.28E-06	8.18E-11	4.58E-06
17.1472	12.2368	13.775	14.4612	14.0559	13.2344
0	0	0	0	0	0
0.234987	0.20014	0.127153	0.07406	0.121861	0.0738838
0	0	0	0	0	0
534.213	395.505	1915	2987.44	1130.93	2274.55
13.4072	10.9892	11.9682	12.7226	12.8982	12.6106
0.784211	0.701641	0.704702	0.648036	0.877747	0.688514
0.874965	0.499759	0.612315	0.506555	0.548726	0.621536
0	0	0	0	0	0
0	0.0231387	0.0261441	0.0937976	0.0250454	0.0261794
17.7845	13.4079	17.1782	16.8196	19.884	17.7612
0.112931	0.161712	0	0.0819558	0.0875456	0
0.468554	0.239626	0.830199	1.11727	0.224857	0.434033
0	0	0	0	0	0
0.800053	0.880491	0.81109	0.779534	0.67552	0.774037
3.95572	3.77171	3.9838	3.6574	4.21644	3.74573
12.6193	11.7128	11.1909	12.9396	11.9936	12.2075
0	0	0	0.0281893	0	0
26.2009	22.926	25.4516	24.1261	22.2196	23.1723
0	0	0	0	0	0
9.3866	8.58541	10.0435	9.70339	9.44563	9.22802
112.147	181.706	113.274	106.918	117.594	129.584
0.819353	0.903638	0.591994	0.0005	0.410974	0.387399
0.254803	0.197637	0.0515262	0.0616383	0.0658423	0.0860526
24.4776	23.5045	26.479	24.1938	18.5709	21.3884
33.0483	47.3239	26.7321	71.9512	0	26.7867
0	0	0	0	0	0
0	0	0	0	0.0177419	0
1.32616	1.23436	1.93087	1.1549	1.33648	1.71984
0	0	0	0	0	0
371.528	539.902	533.138	530.847	462.466	499.205
273.437	237.298	272.337	287.365	302.799	219.55
226.96	199.168	190.123	226.161	187.788	174.229
0	0	0	0	0	0

6.27272	4.2566	6.05842	5.80918	6.3506	6.86758
26.4385	20.8215	24.0412	27.2355	27.086	31.933
1.16289	0.496358	0.744112	0.38655	0.425703	1.31831
22.1455	17.735	22.325	19.9702	23.208	19.4787
1.01481	0.155484	0.470512	0.577861	0.561158	0.410707
0	0.0479145	0.0541314	0	0	0
15.3376	21.9628	21.3441	25.8521	17.5153	13.7684
15.7232	17.4267	20.1564	19.1971	18.9999	20.7838
13.5053	10.9251	16.6105	11.6517	12.6721	13.7126
0.133089	0.190579	0.179422	0.193171	0.240737	0.143831
37.3532	31.0562	32.5244	32.7329	30.3687	32.7841
25.5693	27.5827	28.9225	28.9716	28.4663	29.9319
0	0	0	0	0	0
0	0	0	0	0	0
5.89161	3.79525	5.2845	5.42726	5.05148	5.86999
0.140007	0.0601452	0.135898	0.0609632	0.130242	0.11348
0.208102	0.0372493	0.0420824	0	0.080662	0.0421684
19.573	15.5526	17.7613	16.8243	18.8404	17.5781
7.45882	7.62076	7.46428	9.39324	5.48775	5.41452
10.1309	8.46574	9.96176	8.5016	7.98067	8.3
13.8677	14.5472	14.6086	12.2485	15.584	18.2981
0	0	0	0	0	0
91.9363	108.072	110.987	83.1553	101.944	89.9572
0	0	0	0	0	0
1.18273	2.945	1.26612	1.31079	1.00083	1.4756
11.087	8.57607	7.52692	8.76798	5.94081	8.62704
11.1865	8.60003	11.0403	13.8767	9.15833	9.37853
0	0	0	0.138936	0	0
22.4016	22.9023	23.7486	24.689	21.857	25.0476
0.79895	0.143008	0	0	0	0.161894
0.164033	0.1896	0.136245	0.196968	0.0767174	0.0512427
6.68582	4.58729	6.09402	4.75085	4.60657	5.62154
11.868	9.1818	9.43012	9.85117	10.7962	6.72938
1.02725	0.54902	0.961137	0.592229	0.939448	1.33322
593.905	503.317	573.599	649.691	724.926	632.547
0	0	0.794249	1.18765	0	0.265291
35.975	29.7857	32.8245	32.5761	21.3185	25.577
2.21798	2.17402	1.86881	2.48135	1.32548	5.36673
8.63627	8.67933	7.07359	7.89096	6.97302	7.96679
4.38652	9.35061	5.48353	6.47527	8.65581	5.09071
0.309623	0.161602	0.0974905	0.192564	0.0858062	0.242624
3.0305	2.9879	3.75617	4.25229	3.44059	3.34844
12.294	8.19176	10.7286	9.82214	10.7325	12.4939

110.622	112.073	121.074	114.112	116.991	114.918
349.705	366.973	320.305	308.588	324.275	292.732
0.0912495	0	0	0	0	0
4.1746	5.79781	2.40034	3.92386	3.15823	2.87407
1309.47	1326.65	1310.14	1219.2	1344.25	1162.04
28.1027	29.1804	28.3566	29.3381	22.8902	26.3203
53.9241	49.9676	52.4133	62.3407	61.8743	50.8944
0.260495	0.149208	0.126425	0.189046	0.121164	0.337824
42.9288	39.9762	41.8283	41.2329	38.9634	35.7862
3.7643	3.55356	4.75499	3.90126	3.86754	4.399
87.8264	68.6871	79.636	73.5683	83.4269	76.2478
8.09869	4.95638	6.66703	5.60456	4.89264	4.98767
11.3316	8.81534	10.0825	10.0422	12.653	11.8694
11.6801	14.5428	8.75532	9.46494	6.39643	9.12592
6.55977	6.7632	4.09628	4.70342	4.55637	4.29607
2.83905	2.48441	2.01294	1.80598	1.82048	2.4716
11.8876	10.7224	9.73487	12.4337	13.5825	12.8554
52.0938	55.3946	65.4181	56.7936	56.9756	58.2565
1.09331	0.782789	0.744721	0.876954	1.20441	0.932805
0.150462	0	0	0	0	0
32.7071	36.6679	38.2776	32.9902	30.4261	31.4973
0.273488	0.374855	0.244564	0.38414	0.31082	0.308227
0	0	0	0	0	0
19.6967	18.359	18.3097	21.8816	17.1463	24.0109
18.6251	20.7379	26.6049	20.5493	18.2086	22.1334
0.165859	0	0	0	0.00590257	0
0.232403	0.260255	0.292569	0.207996	0.380052	0.140744
0.171265	0.0675676	0.10602	0.154095	0.065029	0.0679917
16.6775	20.3936	13.8806	17.7088	14.0174	13.4821
0	0.00597553	0.0303789	0.0136278	0.0232916	0.020294
0	0	0	0	0	0
7.19885	5.85593	7.07697	6.01316	6.51998	5.93602
0.517446	0.463102	0.523189	0.18776	0.701981	0.104852
0	0	0	0	0	0
12.0777	12.8877	13.6684	10.8501	13.3107	11.4931
0	0	0	0	0	0
37.5592	40.4058	38.3121	39.6902	33.6983	35.94
0	0	0	0	0	0
8.0316	6.1353	7.31644	6.67567	7.11908	7.48076
0.0641858	0.0459558	0.0259593	0.0232904	0.0248789	0.0260124
15.0701	13.2161	13.9895	15.4458	13.4764	14.2229
0.091404	0.0654435	0.129386	0.0829169	0.0708578	0.037043
0	0	0	0	0	0

6.86687	5.78235	7.02169	5.01475	5.22286	6.44096
0	0	0	0	0	0
0.358569	0.481366	0.326294	0.422858	0.277968	0.254303
28.5023	25.8814	29.249	28.6651	26.0883	27.1487
7.13345	7.13685	6.76363	6.65108	6.58285	9.6014
0	0	0.0477947	0	0.0916112	0.0478924
0.361713	0.658285	0.463256	1.09376	0.514077	0.70852
6.77546	5.97655	4.60365	6.29385	5.75668	5.35994
26.4878	25.3602	27.786	24.7825	23.7189	22.2646
4.40839	3.30043	5.89759	5.17346	5.44075	5.64126
20.991	25.214	23.4795	22.0124	17.9554	24.6693
45.2384	41.2621	46.4039	46.4481	39.4705	40.687
8.38665	14.8779	11.137	15.7203	16.5492	2.8355
0.205428	0.220623	0.502653	0.232941	0.325137	0.249759
0	0.0318308	0.0359609	0.0322637	0.0459532	0
9.39891	10.1981	8.95744	7.78318	6.02914	10.5988
31.8369	29.7177	33.1977	33.4506	30.6814	31.8939
1.94125	1.01926	0.999243	0.973353	2.46254	1.08711
0	0	0	0	0	0
40.6598	32.1562	35.7279	36.1791	43.1047	37.1085
2.20604	1.66122	1.47233	1.23601	1.25692	1.91488
1.37197	1.62695	1.28316	0.995667	1.22976	1.42479
18.7619	10.8692	13.2883	15.3784	12.7591	16.3156
0	0	0	0	0	0
12.2384	11.3609	15.3273	15.021	10.5499	17.9531
0	0	0	0	0	0
25.5264	21.7685	25.6426	25.486	30.6799	27.9798
0	0	0	0	0	0
0.0470801	0.134834	0.152329	0	0.255481	0.03816
11.4728	10.8579	13.0401	11.1491	11.1278	11.4902
42.655	38.9009	42.6062	46.5753	53.817	48.7071
1.07559	1.5808	0.670137	1.04294	0.763827	0.755599
0	0	0	0	0	0
13.7293	19.3358	8.92676	8.46429	11.8618	5.15684
30.9606	27.234	30.3966	32.8827	31.392	36.0619
3.77119	3.04052	4.58684	3.36025	2.96026	4.3132
9.32052	10.2547	7.79473	9.7829	8.53163	9.26202
8.39998	8.96148	7.46362	8.10759	6.99268	8.46689
2.04519	1.46432	0.808775	1.17089	1.07459	1.28932
4.46136	4.52518	3.00725	3.81584	2.59388	3.57303
0.0507635	0.0181728	0.0205308	0.03684	0	0.0411455
90.9406	97.7966	73.4479	72.9168	100.072	27.633
1.35543	1.07595	1.23939	0.620135	0.890856	1.19416

5.7497	6.54925	5.81352	4.88391	4.91311	5.56061
1.10074	1.43293	0.64754	0.217862	1.16361	0.567756
0	0	0	0	0	0
43.6835	59.4092	40.5256	37.1762	26.0963	60.2282
8.9017	8.19928	6.01184	7.02427	5.84248	9.87373
11.942	9.1792	10.4333	9.41609	9.83588	11.4929
0.569559	0.936427	0.605927	0.642842	0.768225	0.784019
0.0867717	0	0.0701879	0.0629718	0	0
0	0	0	0	0	0
0.113277	0.162209	0	0	0.0878144	0.18363
10.0705	7.78609	11.0025	10.0236	9.62295	10.4298
257.868	278.772	264.705	274.718	277.609	234.818
9.32833	8.39864	8.77093	10.1596	7.67274	7.45869
0.468113	0.301644	0.340783	0.713408	0.616911	0.341479
2.64193	2.38444	1.95641	2.44387	3.15863	2.56361
16.0851	18.7103	16.8264	17.2874	13.3836	13.9169
0.863186	0.567516	1.15324	0.380618	0.221208	0.231286
1.30512	2.17315	1.3589	1.71844	0.801405	1.77927
5.03797	4.97052	6.25886	4.54828	3.90549	4.04434
21.5133	25.1021	21.5556	24.0333	23.0256	20.7222
69.5261	55.2269	74.0293	71.2319	57.7592	67.7018
1.34342	0.83932	1.28667	0.986125	1.35191	1.80031
0	0.0261897	0.0887636	0.0530918	0.0283565	0
0	0	0.0830831	0	0	0.083253
0.691323	0.296985	0.167759	0.752559	0.267962	0.112068
110.84	185.13	115.78	79.4222	77.3819	146.039
2.48115	1.9873	1.13388	1.07004	1.13609	1.77977
0.202838	0.290411	0.328081	0.294295	0.157212	0.164352
26.3938	22.102	21.8975	26.0703	25.3486	23.6918
0	0	0	0	0	0
1.13012	0.622057	0.721458	1.41962	0.847148	1.24286
0.0413318	0.0295928	0	0	0.160205	0.0335008
0	0	0	0.0836635	0	0.0934414
3.3927	3.54667	2.42135	3.10603	3.2441	3.6488
0.696287	0.974902	0.867315	0.862143	0.472589	0.423939
0.0412164	0.0295101	0.0333391	0.0299114	0.0319516	0
8.81552	7.0338	9.62011	8.40393	8.37731	10.887
121.887	98.4165	121.62	124.395	143.279	116.683
11.1421	10.6666	10.6328	7.45002	8.92866	8.52366
0	0	0.0537173	0.0722919	0.0257409	0
0.231466	0	0	0.111986	0.059812	0.125074
0	0	0.212879	0	0	0.213314
0	0	0	0	0	0



7.59139	4.9355	5.99936	5.63586	5.7835	6.36526
1.55403	1.64249	1.55631	1.12778	1.11865	1.28958
0.0898691	0.0214482	0.145387	0.0434798	0.0232226	0.0485613
2.16581	2.09342	1.31391	0.943061	0.671588	1.3166
35.8353	31.6515	32.5559	32.0572	29.7851	30.1399
0	0.0383924	0.0650607	0.0389145	0	0.0217313
12.509	9.36	10.9062	10.343	12.2408	9.5988
212.915	249.976	1077.28	855.385	2457.98	2454.87
4.59504	4.66796	5.37093	5.74407	5.61365	6.61039
0	0	0	0	0	0
0	0	0	0	0	0
0.0849472	0.0912309	0.0687121	0.0308239	0.197557	0
2.28212	1.43961	2.04113	2.34199	1.88604	2.73793
43.0045	45.2135	50.7626	49.4157	32.7268	44.3965
16.6225	14.8892	20.2249	17.1698	19.3019	18.6528
2.9212	2.63714	2.74223	2.53829	2.05249	2.90621
1.26716	1.13238	1.41288	1.16488	1.102	0.811194
0	0	0	0	0	0
0.780828	0.660705	0.846913	0.953021	1.6646	0.90618
1.56328	0.752371	0.970826	0.798742	1.42019	1.70021
144.892	152.022	129.469	144.101	150.964	134.576
36.4883	27.9112	25.7951	28.3503	39.077	13.0459
22.6549	18.9027	24.2131	23.9458	28.6134	24.6551
8.25156	6.35105	3.83785	4.11696	5.27731	4.0129
0	0.0215796	0	0	0	0
0.684515	1.10272	0.968958	0.683052	1.06129	0.554823
8.53232	6.26518	9.19563	7.61694	7.98614	8.90008
7.59615	10.5823	11.4552	10.5553	7.55482	8.73426
16.5949	13.9856	16.9544	15.0261	14.797	16.306
0	0	0	0	0	0
0	0	0	0	0	0
94.4863	115.688	104.215	114.367	95.4148	104.133
0	0	0	0	0	0
12.8433	8.55536	11.7349	12.2605	10.7844	11.8017
2.10142	1.64787	1.61885	1.30717	0.853313	1.70327
3.67184	3.1851	3.15285	3.09518	3.88653	3.55994
1.4367	0.429885	0.780529	0.326798	1.21349	0.347611
0.0267819	0.134227	0.151643	0.0194361	0	0.0868304
31.3494	24.6221	31.5588	28.1458	31.5487	33.7694
16.058	15.2838	14.1557	20.5857	13.1939	17.8477
0.259696	0.145586	0.360313	0.227179	0.170426	0.24194
0.180851	0.144273	0.162541	0.14583	0.140685	0.162873
0.0219146	0.0156904	0.0354525	0.0159038	0.0169885	0.0177625

4.05071	4.21224	4.30804	3.85735	3.59708	3.9173
6.81137	5.08852	5.49279	5.77138	6.18914	6.39964
0	0	0	0	0	0
3.90397	3.79803	2.88139	4.48693	1.9923	3.08946
12.958	14.5882	11.5986	12.2162	7.85014	12.9703
5.96795	6.01251	5.85769	6.09428	6.18078	6.71093
0.647943	2.59792	1.57232	1.12854	1.00459	1.36547
0	0	0	0.0232399	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3.50915	2.18354	3.11207	2.1171	2.56741	3.52966
26.5112	18.5263	24.7315	20.945	22.9807	25.9323
8.78953	7.84598	8.46389	8.11837	7.28573	8.51204
10.6865	7.51489	9.15784	9.73743	10.2292	9.17657
1.95561	4.27692	2.50221	2.16754	1.81923	1.35453
0	0	0	0	0	0.0401584
14.8722	11.903	13.146	13.5906	12.2626	12.8098
0.421565	0.225201	0.225425	0.342291	0.860351	0.177611
0.916347	1.03132	1.27099	1.33002	0.913328	0.74273
0.0756489	0.0541632	0.275372	0.0548998	0	0
22.371	21.0831	22.3878	22.3137	24.1986	20.9577
0.284128	0	0	0	0	0
5.6546	4.93878	5.94098	7.83374	5.4937	5.75806
31.2164	27.9198	32.1547	28.6443	24.41	30.3578
13.3916	15.9578	15.4962	11.2061	12.6649	10.8233
0	0	0	0	0	0
0.524841	0.751552	0.377363	0.507848	0.497279	0.850802
7.5537	7.37084	8.14368	7.31023	5.5572	7.77636
0	0	0	0	0	0
81.4183	95.529	83.4642	93.6539	100.656	69.1886
0.779424	0.625696	0.897929	0.565642	0.512673	0.727469
0	0	0	0	0	0
0	0	0	0	0	0
0.51845	0.862372	0.558749	0.501726	0.529265	0.686305
12.5652	18.6967	12.6655	13.5486	12.4108	11.5932
4.14428	3.12832	4.70844	4.38003	4.72739	4.75063
0.0403377	0.028881	0	0.0585476	0.0312704	0
9.41212	7.66485	8.79013	8.79889	9.05091	9.49238
5.67794	4.06995	5.5573	5.75263	4.14947	5.60243
0.250942	0.0898349	0.0676607	0.121409	0.162112	0.271196
0	0.0193862	0	0	0	0
76.3781	69.6584	75.6108	80.9757	84.6403	72.2706
0.407016	0.36427	0.713325	0.369224	0.552169	0.549834

5.62737	3.21342	4.2027	4.68581	4.14388	7.76036
0.0900764	0.271691	0.538685	0.528422	0.577209	0.663448
110.05	181.399	160.428	158.62	90.7935	104.479
14.686	13.0242	14.5133	15.2983	13.4316	13.2671
2.96187	2.58333	2.85629	2.32256	2.79706	2.77483
0.329841	0	0.133401	0.718114	0.383546	0.668367
0	0.098463	0.083429	0.049901	0.0533045	0.111466
0.337008	0.329033	0.322162	1.4452	0.213753	0.310405
0	0	0	0	0	0
13.4468	12.7988	13.3944	13.2045	11.3831	9.76714
74.621	71.0803	75.3964	76.3542	85.109	64.2197
0	0	0	0	0	0
0	0.0310896	0	0.0315125	0.242369	0.140783
425.064	371.627	272.652	385.357	312.971	407.506
16.2599	12.622	16.0048	15.0038	16.1985	17.1189
38.8115	32.1719	32.8408	34.1482	46.5039	30.3601
41.1853	40.9892	41.7047	38.2327	39.5258	36.2017
7.00792	5.14833	6.16693	6.35424	5.39062	6.7457
40.46	31.0529	37.1366	34.9329	30.9646	32.0455
18.4167	19.6348	16.8717	21.0543	16.1353	16.9062
17.089	17.606	19.0038	20.6718	16.9491	18.4871
0	0.0446082	0.100792	0	0	0.0504991
0	0	0	0	0	0
0.193737	0.0693559	0.182828	0.0468661	0.0500626	0.130859
0	0	0	0.068796	0	0
19.1184	19.6457	21.3062	19.1835	15.6905	19.1901
0	0.013714	0.00845096	0.0252737	0	0
9.37762	6.13895	6.04189	6.93305	7.05557	7.26509
0	0	0	0	0	0
23.2316	20.1534	20.724	22.2115	19.271	20.9908
49.1027	41.0948	43.2698	47.1103	44.4946	48.8711
4.22369	3.19855	3.4953	2.98858	3.12315	2.57417
20.7282	27.7951	24.1473	19.7977	16.7542	17.4555
0	0	0.0761902	0	0	0.152692
0	0	0.0597243	0	0.114477	0.0598464
0.0765624	0.109628	0.123833	0.0832951	0.0296596	0.12409
25.8686	23.6987	23.4986	21.3584	29.1131	19.6906
0	0	0	0	0	0
178.335	188.816	172.873	198.712	186.345	175.488
54.8685	53.0286	56.4555	58.8671	58.281	54.8747
0	0	0	0	0	0
0.500634	0.130343	0.404953	0.594522	0.211691	0.405781
3.47499	2.90712	2.81092	2.8935	4.11174	1.54171

0	0	0	0	0	0
0	0	0	0	0	0
9.65412	8.34135	8.9896	9.49005	9.72795	11.0031
1.06095	0.714938	1.26203	1.31345	0.774086	1.21403
0	0	0	0	0	0
4.38027	3.49062	4.35609	3.77759	3.80267	4.21909
0.727917	1.80878	0.484892	0.963302	0.663874	0.763531
12.2864	17.2447	14.8415	16.1437	10.2799	12.7223
0	0	0	0	0.358407	0
0.292366	0.523322	0.394149	0.318263	0.151098	0.276468
0.0283208	0.0506929	0.0229081	0.0719353	0.0219547	0.022955
9.55985	8.92783	10.3216	8.89843	8.89313	8.99509
28.6216	24.8314	27.8553	29.3619	26.3179	29.1698
0	0	0	0	0	0
0.0498042	0.0356588	0.100714	0.0361438	0.135131	0.060552
20.0107	17.6655	19.0674	20.6431	20.8919	18.7319
4.20442	0	9.72318	5.66656	10.7092	38.9466
1.06595	1.00851	0.893016	1.18799	0.590242	0.647989
1.11575	0.602909	1.29416	1.2986	1.37086	1.26268
65.6759	54.1813	61.4839	69.0211	57.0009	65.2064
24.5243	24.9737	24.3292	24.7144	21.3796	21.0851
10.6646	9.25735	9.48374	8.09405	8.66183	9.07094
29.0264	26.3041	29.9709	31.7157	21.6128	30.6974
0	0	0	0	0	0
0.196546	0.281446	0.317963	0.285273	0.30473	0.159307
0.30244	0.0417367	0.342289	0.241422	0.293838	0.111996
2.89129	1.59623	2.02876	2.07298	2.10635	3.19054
0.00648416	5.34899	1.46E-07	1.12E-06	6.12E-07	0.437361
0	0	0	0	0.032663	0
1.41932	1.39728	1.2796	1.56649	1.27219	1.2942
0.120328	0.120614	0.175196	0.174649	0.111936	0.331602
6.135	6.718	8.17349	11.6108	27.1369	19.793
0	0	0	0	0	0
3.10232	3.27587	2.41914	3.12608	1.834	3.02106
0	0	0	0	0	0
13.687	13.2702	14.0211	13.5508	12.6654	14.3351
5.09311	3.32971	3.63711	4.35605	4.18941	4.28944
4.86659	4.63845	4.50063	5.01647	4.30131	5.10026
0	0	0	0	0	0
23.3724	17.6772	17.4223	17.599	15.9564	16.5578
8.11233	5.19166	6.81349	6.67467	7.37692	7.39943
9.94508	8.63817	9.95111	9.52883	6.09561	3.7663
1.70557	1.41595	1.65302	1.28723	1.47892	1.10458

5.53557	5.00684	5.92534	5.46459	6.15444	4.5593
30.7683	26.7566	30.6992	30.9743	30.7534	31.5752
6.90083	4.72604	5.80596	6.66624	5.72535	6.73447
0.0826635	0.384706	0.0334324	0.0599904	0.160205	0.134003
21.8866	24.6403	27.9785	26.748	25.0622	23.1942
70.5006	72.2631	75.6766	76.9866	69.9062	82.1207
0	0	0.166472	0	0	0.105487
3.75436	2.97101	4.15566	1.72081	1.22545	2.56256
0	0.0536705	0	0	0.0581108	0
3.10279	1.03608	0.741657	1.31286	0.74059	1.57677
7.53845	7.03817	8.91233	7.7559	8.41013	11.3966
0.705146	0.599535	0.677325	0.575705	0.444145	0.392937
0	0	0	0	0.0523182	0.164105
22.5514	27.0964	22.0401	22.68	20.5951	24.5246
0.351108	0.0286909	0.313031	0.554287	0.133312	0.182974
12.8307	9.38575	12.1828	10.327	11.3619	12.6177
8.21931	6.9341	6.94965	7.15157	7.50139	6.72892
0	0	0	0	0	0
6.62457	7.50671	5.75845	5.90724	3.75944	5.12379
0.835642	0.473657	0.450623	0.353757	0.485852	0.790202
9.82484	6.9098	9.52118	8.33563	9.34569	8.20701
3.36048	2.72353	2.68455	2.44395	2.11892	2.65847
12.1742	8.87882	11.9324	11.5282	12.8808	11.3444
5.77119	4.66138	5.65199	5.48627	5.43525	5.35428
0.173748	0	0.0702705	0	0	0
42.2753	38.4719	43.281	40.2239	49.3119	47.8528
27.5401	21.5913	22.4305	22.161	25	21.5254
0	0	0	0	0	0
11.2392	15.1087	14.1006	13.6496	12.269	14.8731
3.08121	1.99136	1.74715	2.50078	2.92894	2.83261
0	0	0	0	0	0
0	0	0	0	0	0
7.11272	4.99739	5.84295	4.58293	6.83654	6.3039
0	0.00694358	0	0.014076	0.00751803	0.0235816
65.1758	131.788	95.232	72.9231	66.0508	68.8723
842.219	1308.07	1557.55	918.279	1167.92	1368.47
14.3681	11.2388	13.8079	13.8672	14.1948	15.44
217.767	202.256	219.461	233.764	285.639	234.07
12.1804	9.86324	12.4582	11.5006	10.089	10.9386
35.4068	31.1301	37.1777	39.5751	39.4016	37.8838
1.50306	0.998212	1.18057	1.59649	1.36775	1.90663
3.4065	2.73665	2.04346	1.11441	1.14066	2.00436
0.272195	0.146165	0.110086	0.197536	0.474771	0.38609

7.50935	8.53908	8.62618	8.65527	8.65852	8.74619
6.22169	4.65042	4.00854	4.90597	2.03341	2.04156
10.1141	9.29006	4.59196	7.74172	5.05611	7.59723
0.398972	0.232096	0.12102	0.398119	0.245033	0.111415
0	0.271641	0	0.55067	0.294114	0
6.28564	4.7107	7.31763	7.09819	6.96754	7.07071
1.6288	0.920004	0.902235	1.43056	0.730486	1.11209
0	0	0	0	0	0
0.0249021	0.0356588	0.0805712	0.0180719	0.0579135	0.020184
31.4079	23.0006	33.3962	30.3808	31.5814	31.6648
1.78175	1.78525	1.57802	1.59934	1.27481	1.27481
21.079	14.6966	19.5942	19.4919	18.7787	21.2188
1.9683	2.05517	1.79113	1.60698	1.69539	1.39595
0	3.40361	3.84523	0	0	0
0.378822	0.38747	0.494026	0.482509	0.437506	0.607829
0	0.0747527	0.0281506	0.176795	0.0269791	0.0846246
0	0	0	0	0	0
4.33654	4.78851	4.32292	4.74282	3.85891	4.2575
7.32673	8.09933	9.63599	7.25065	8.25306	8.32815
0	0	0	0	0	0
29.8953	26.2296	24.0866	23.9703	19.3482	23.1831
17.6835	21.8128	21.2808	17.8433	14.7702	17.0075
2.96487	1.87956	2.09845	3.20508	2.82514	2.25293
0.0529066	0.0361467	1.76E-20	0.0482919	3.86E-86	1.14E-28
1.44336	1.41616	0.994538	1.20265	0.663059	0.996572
12.8273	12.563	14.5794	13.2373	11.6277	13.6691
2.38566	1.18059	1.58918	1.88408	1.03349	1.30806
0	0	0	0	0	0
16.1641	12.9192	14.0751	15.3083	13.5128	14.0167
0.187554	0	0.303418	0	0.29079	0
0.349109	0.416593	0.376516	0.647462	0.420988	0.628811
16.1222	16.3459	15.8389	15.5478	12.6762	13.4604
2.18355	1.53814	0.796469	1.32539	1.34591	1.24856
11.4721	11.2874	11.798	11.053	11.023	10.6556
0.0485351	0.250203	0.176667	0	0.235159	0.0393394
0.0230274	0.00824357	0	0	0.0357023	0
4.53115	2.93365	3.15149	4.04661	2.3519	3.69972
21.5419	26.8331	22.4313	22.9635	21.1543	21.6576
7.71583	7.85533	6.53089	5.58589	4.86697	6.25391
14.0976	12.0786	14.343	14.3362	9.23681	12.6782
6.3331	5.63788	6.7774	6.67037	6.40844	5.8373
32.9085	31.0248	33.8326	33.1964	31.1979	31.2553
1.17568	1.11477	0.950982	1.12993	1.0592	1.13321

0	0	0	0	0	0
5.83961	4.98242	7.04596	6.74534	6.48864	5.48263
3.88009	3.32066	4.63423	3.7838	3.75988	5.13511
0.408968	0.323636	0.330806	0.546729	0.26698	0.366375
13.1388	12.4915	9.40817	11.2936	10.3942	11.566
0	0	0	0	0	0
0.963121	1.43662	0.84397	1.5144	0.684407	1.56128
42.8685	31.3051	39.8125	37.2262	48.3336	32.6675
0	0	0	0	0	0
24.7179	24.7179	22.4373	22.4373	25.1767	25.1767
2.42857	2.9553	2.57311	2.92915	1.9357	2.19023
0	0	0	0	0	0
23.7544	27.2976	24.656	26.0454	23.3928	22.9715
295.202	274.797	310.926	290.72	407.734	464.594
0	0	0	0	0	1.02883
0.301685	0.216001	0	0.172414	0.0255791	0.270794
32.4094	32.6138	37.0149	32.7534	31.0502	34.5867
288.546	339.222	221.748	211.314	270.752	270.031
26.8509	21.6706	27.834	28.5383	29.819	25.4964
0	0.0999813	0.338862	0.101341	0.324759	0.45274
5.94668	5.52576	5.85583	5.62906	5.30145	6.32885
23.3114	27.1769	27.2139	21.9247	21.5871	21.5362
0.045596	0.130583	0.135233	0.0551497	0.247427	0.12319
41.6458	29.1904	36.203	37.1895	40.9731	30.7454
15.7317	16.9056	15.7671	16.9832	16.3626	16.4155
12.7018	11.1942	12.217	12.9051	11.5474	12.5414
4.0791	4.12007	3.97708	4.30826	3.14807	2.89297
0	0	0	0	0	0
0.0456247	0.163332	0.0738099	0.132443	0.070738	0.110941
11.0638	9.38615	10.7607	10.6822	11.0635	12.117
32.1247	31.7959	34.1305	30.9345	29.1522	28.7734
0	0	0	0	0	0
0	0.13185	0.074479	0.200465	0	0.223894
0	0	0	0	0	0
13.3487	11.5813	13.6557	13.6193	14.183	13.8957
0.384902	0.127192	0.263441	0.150409	0.114762	0.239981
25.0465	19.3584	22.9824	24.0064	20.9604	22.7312
0	0	0	0	0	0
0.0712929	0.0258353	0.0328363	0.0261866	0	0.0292471
0.37025	0.361489	0.816786	0.830519	0.234838	0.572919
6.08941	6.23321	6.61365	6.26146	5.65023	6.04651
7.84715	4.10369	6.45118	6.25313	5.72543	6.79687
0.126114	0.060197	0.136015	0.305078	0	0.272586

0	0	0	0	0	0
0.0569598	0.0259338	0	0.0396018	0.0441561	0.0230736
0	0	0	0	0	0
0	0	0	0	0	0
1.8846	1.50545	1.80107	3.71529	2.03552	3.87273
12.0462	5.2905	6.27831	1.66732	1.15527	3.47271
0.0909421	0	0.220684	0	0.140999	0.0737116
0.127734	0.0914555	0	0.0463496	0.0495109	0.103533
0.296186	0.353439	0.319439	0.214948	0.306144	0.160046
0	0.10785	0.0270732	0.129563	0.103795	0.0271285
14.0022	11.1815	12.1942	11.6694	10.5112	13.4243
17.8686	15.9126	20.3064	18.4331	20.2054	15.6202
146.981	199.823	85.3209	169.328	197.201	236.781
1.27221	0.364351	0.294018	1.52998	0.563563	0.486122
6.54111	6.91405	5.05188	6.1222	4.96896	7.49522
12.9116	13.2599	13.3893	12.9087	12.3778	11.7544
6.553	6.17473	5.30059	5.98766	4.1061	4.48582
0.120856	0.0784958	0.149695	0.0795633	0.0936894	0.167932
24.2095	23.2136	25.6291	26.2439	21.6305	24.0475
17.671	18.1652	14.6989	17.7423	13.0643	20.2265
33.5534	35.2842	30.6998	25.3984	26.8508	27.2694
10.8582	19.2425	13.9202	9.60044	12.9199	16.5581
5.05338	4.05566	4.81954	4.08523	3.17041	4.25786
0.870501	0.807815	0.665041	0.701883	0.649851	0.96673
0.672317	0.641822	0.543824	0.552968	0.521191	0.581265
10.5448	9.70807	9.79734	8.74233	9.59352	8.94669
0	0	0	0	0	0
0	0	0	0	0.160037	0.334657
6.88727	5.41392	6.21378	4.80598	3.65898	4.39172
0.0326033	0.0233434	0.105489	0.0709824	0.0758238	0.13213
0.934186	0.569733	0.575348	0.714563	0.286642	0.266696
7.23893	5.33674	4.19295	4.75635	2.49143	4.30571
0	0	0	0	0	0
87.3392	88.753	85.7063	83.6595	84.7761	92.7293
0	0	0	0	0	0
0	0	0	0	0	0
0.548832	0.4586	0.107194	0.101235	0.271246	1.87E-29
28.0498	25.8894	26.316	30.2112	27.7355	17.8634
0.351669	0.327325	0.426687	0.714595	0.654286	0.513071
0.222664	0.174879	0.16221	0.1128	0.189778	0.144624
0.518486	1.00239	0.745783	0.775809	1.85558	3.4021
0.35832	0.259504	0.365243	0.163059	0.523229	0.521813
2.59392	6.58133	5.33835	2.90833	4.65945	2.62756



34.1953	32.1772	33.0003	39.1977	43.1905	43.593
0.0952836	0.054577	0	0.0138298	0.0590923	0.0308922
0	0.0957775	0	0	0	0
2.69E-09	4.62E-10	4.06E-09	4.64E-10	3.71E-09	7.32E-10
123.276	159.926	155.341	95.3051	83.6961	150.978
8.0152	7.30808	6.86866	8.20635	7.0275	7.5993
0	0	0	0	0	0
0	0	0	0	0	0
79.4748	70.3949	78.3823	84.6665	89.922	67.6234
0.20819	0	0	0	0	0
0	0	0	0	0	0
0.613789	0.937517	0.463383	0.504829	0	0.397997
0.57015	0.459244	0.172944	0.413768	0.0552487	0.40436
1.43419	0.937563	0.75658	0.814554	0.628413	1.11192
0	0	0	0	0	0
0	0	0.0933472	0	0	0
19.6195	16.2879	17.5845	17.3019	16.5333	17.3045
0.138101	0.321352	0.0837803	0.200445	0.053529	0.139919
0.581953	0.3125	0.47073	0.527917	0.281962	0.530654
4.24413	3.00352	4.30781	3.2941	2.89632	3.50642
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.101218	0.00225686	0.02178	0.0122003	0.00570166	0.0127745
4.26749	3.43737	3.96428	3.53251	3.15315	3.72918
46.5645	32.1485	39.1727	38.493	43.7117	57.8725
6.29615	7.19678	9.97948	6.37557	8.67365	9.47654
9.45079	8.53352	9.25512	8.20183	13.1962	7.7511
12.473	10.3338	12.107	13.0319	12.2017	10.4949
3.48927	2.31319	3.31022	3.11057	2.8719	2.898
1.60048	1.55657	1.23422	1.56647	1.47721	1.74987
0	0	0	0	0	0
0.326241	0.268187	0.342079	0.324448	0.33721	0.362366
0	0	0	0	0	0
0	0	0	0	0	0
10.416	8.91328	9.35921	9.76308	10.3998	9.04268
41.8556	34.7085	39.7083	40.5666	46.363	44.6831
32.2051	30.0081	37.6441	38.5799	38.6092	36.7652
0.321472	0.374022	0.292536	0.379109	0.467268	0.195423
11.1235	10.1212	11.8389	10.0995	11.923	13.7711
14.0542	12.9566	13.2888	19.4626	16.1666	26.6547
14.7066	13.6962	16.2715	12.4448	12.0003	13.7062
23.9982	12.4447	24.8157	18.8558	13.4167	18.5561

12.6043	11.0086	8.55406	8.06782	8.97004	8.30231
0.126962	0.110382	0.139375	0.0789761	0.0984232	0.176412
0.107617	0	0	0	0	0
10.9154	11.8075	6.99463	6.29264	7.12479	9.05799
1.51648	1.30293	1.04823	1.30063	0.961854	1.20681
11.211	12.7121	9.52774	10.3223	10.1075	8.62652
83.6255	89.9182	92.376	88.2099	91.0321	89.7745
0	0	0	0	0	0
3.81823	3.61467	4.59842	3.38673	4.43993	3.64499
0	0	0	0	0	0
0.272301	0.225254	0.171207	0.254623	0.137302	0.126902
6.71034	5.25788	6.85671	6.18096	6.07182	7.27436
3.11963	3.81572	3.46988	3.44312	4.33293	3.95088
0	0	0	0	0	0
0	0.0567028	0	0	0.0204646	0.064191
5.85302	3.70382	6.16818	3.81075	3.05945	4.3826
46.5954	54.6153	52.9219	53.0169	53.9339	43.2642
0	0	0	0	0	0
0.0568001	0.0813355	0.0689166	0.123662	0.132097	0.115096
4.28768	2.584	2.35096	3.40089	2.91953	2.65808
6.74225	4.18067	5.91239	5.51793	6.39904	5.32863
0	0	0.0351712	0	0	0
38.5671	41.1962	39.1466	40.8342	41.0362	43.8167
2.14933	1.43726	2.3126	2.04541	1.57188	1.89002
31.2518	0	0	0	48.4538	0
98.4581	81.1845	92.8877	84.5927	137.477	53.5501
97.7996	109.657	124.279	109.403	97.4832	102.174
4.87818	6.28563	4.66027	4.25655	3.28094	4.39215
0.257083	0.226213	0.148197	0.13296	0.135285	0.209574
0	0	0	0	0	0
6.66083	5.14657	6.05068	6.22943	5.78247	6.08199
30.0649	31.7949	30.2784	28.2247	31.0905	31.3913
0	0	0	0	0	0
0.876549	1.68967	0.436322	0.489329	1.30676	0.273259
25.3265	18.9176	24.4733	21.7283	20.8558	23.1915
13.6585	11.7029	13.696	13.0698	14.4161	12.822
36.6143	41.1736	39.2831	35.6442	36.6956	36.0659
1.79883	2.22812	0.902125	1.22712	0.655407	0.729007
0.0825861	0.0295674	0.0827046	0	0	1.42E-239
0.0992599	0.213205	0	0.144069	0.307791	0.160907
9.24947	7.08158	7.989	8.28273	9.59243	13.7685
2.23444	2.93267	3.01198	3.14145	2.63417	3.31996
2.72303	3.51164	3.85187	3.08659	2.24459	2.26691

0	0	0	0	0	0
0.428758	0.153491	0.606924	0.388947	0.415475	0.0868807
10.8042	8.79838	10.3807	9.46348	9.36606	10.7827
0.528849	0.314195	0.17293	0.775756	0.200625	0.100322
0.900723	0.498332	0.397405	0.207986	0.28565	0.0995545
114.426	130.894	131.998	122.077	129.022	122.18
0.345273	1.23604	1.11714	0.250571	0.936813	0.699638
0.0904139	0.00479516	0.0507875	0.058527	0.00623025	0.0236524
0	0	0	0	0	0
0.0531394	0.0380468	0.150442	0.192821	0.102986	0.15075
46.1896	48.0811	49.7134	48.9187	50.3259	44.7891
0	0	0	0	0	0
18.0233	15.3401	17.1717	14.9127	15.7553	17.2399
58.7329	84.1032	95.0157	170.494	45.5306	0
10.9766	10.1536	12.7468	11.5203	14.9993	9.03317
0	0.0228093	0.0257688	0.0693584	0.0987853	0
7.20628	4.81606	5.14947	6.50504	6.93649	6.66989
0	0	0	0	0	0
0	0	0	0	0	0
83.3739	104.37	115.544	88.5121	105.079	50.3815
0	0.0720225	0.0406837	0.0912525	0.0389905	0.0407669
86.8664	104.931	112.366	98.854	120.051	85.8251
0.77806	0.650879	0.516763	0.540883	0.635252	0.524457
33.8748	36.9258	33.7199	32.2696	34.8823	29.5385
0	0	0	0	0	0
8.1869	5.91179	4.40984	6.24218	4.65421	5.51553
3.73336	2.1308	2.76192	3.55785	2.95596	3.6506
0	0	0	0	0	0
0.167057	0.0797398	0.090086	0.303091	0	0.112838
55.7899	68.6669	66.2577	59.8091	72.2482	68.3044
14.2335	10.8419	15.0292	15.3586	13.7678	13.3959
2.9943	4.26363	2.28596	3.76005	2.6342	3.13598
1.48507	0.907203	1.48778	1.13707	1.20406	1.24787
2.47032	2.20077	0.932371	2.86805	2.9956	5.33873
7.11144	6.67101	7.72299	7.62188	8.7798	9.20648
11.6829	10.8579	10.9288	10.4244	12.2286	11.5156
5.2924	5.42184	5.56184	6.25147	5.41614	6.48017
0.309933	0.142654	0.232792	0.208858	0.154456	0.107662
0	0	4.81669	0	0	0
5.54396	3.14242	5.41865	3.52043	3.4024	2.24678
0.0481784	0	0	0	0.0186743	0
1.02168	0.517402	0.665161	0.795701	0.849971	0.8483
19.4781	20.5422	20.8419	19.0462	18.3594	21.8371

0.149049	0.453543	0.512391	0.29746	0.346635	0.120809
35.3153	36.5114	43.3544	29.3327	38.3086	34.8873
0.0367119	0.0700933	0.0296955	0.0621657	0.0474327	0.0595124
186.756	223.635	220.108	212.38	225.067	163.27
0	0	0	0.150662	0.160938	0
0.363085	0.342365	0.180734	0.273632	0.108257	0.169784
0.656384	0.76035	0.292158	0.560662	0.343562	0.279785
0	0	0	0	0	0
24.9989	18.8344	20.0879	22.9339	19.1742	21.5525
3.41942	4.82933	3.87727	3.8639	3.66749	3.7713
28.0267	32.5267	28.3096	26.1076	25.8002	31.4196
12.351	12.5434	12.3995	12.4597	11.6798	12.1409
4.13231	2.81168	4.01659	3.581	4.35178	3.80853
132.553	120.671	117.894	154.737	128.629	127.115
15.6294	15.0785	16.7849	17.4303	20.57	19.038
0	0	0	0	0	0
12.671	10.0231	11.1057	12.5788	14.2942	11.4883
0.0597245	0.0213808	0.0362324	0.119194	0.162048	0.16943
0	0	0	0	0	0
0	0	0	0	0	0
6.48824	6.49714	6.01892	5.30132	6.12015	4.89118
0.0518792	0	0	0	0.0402176	0.0840997
101.908	76.5328	112.843	109.371	108.934	105.134
0	0	0	0.0295299	0	0.0119931
101.805	130.9	124.059	138.498	111.761	77.9625
11.3296	8.56184	9.79252	9.25673	9.43959	10.2846
30.2201	20.808	22.892	25.7412	25.455	24.0973
3079.03	4367.02	3961.87	4386.78	4797.46	4560.38
0.201372	0.144179	0.162886	0	0	0.163219
27.1871	34.0786	33.0185	33.2839	31.8887	28.9343
0.0593283	0.021239	0	0.0322917	0	0.0120219
1.78804	1.6746	1.55732	1.62124	0.533889	0.967017
26.5053	26.9427	20.6623	23.5454	34.3881	35.9954
10.5795	8.9014	9.30983	8.33014	11.7255	14.3114
0	0	0	0	0	0
6.62419	4.69675	6.50274	6.02079	7.07956	5.36913
0	0	0	0	0	0
17.6306	14.6738	17.2044	16.9689	15.6694	16.4785
10.7498	7.20579	7.39746	10.6593	8.22031	8.71304
0.145002	0.207637	0	0.473537	0	0
9.51047	11.9906	14.377	12.3311	11.7507	13.2174
0.0703748	0.0209946	0.0332061	0.0297921	0.0818334	0.066548
1.16216	1.00913	0.900048	0.807513	0.785915	0.92193

0.166124	0.104539	0.151171	0.138455	0.507079	0.340831
16.7464	13.8666	15.1406	17.3937	19.0404	17.0583
1.31006	1.34752	0.820882	1.19177	0.61507	1.01698
0	0.182308	0	0	0	0.275178
0.207009	0.148215	0.223261	0.250384	0	0.167788
3.61416	4.5543	4.56054	6.60961	5.60351	8.3195
12.7924	11.7147	12.0756	11.8173	13.5928	11.1078
5.8415	4.3292	6.6042	5.1554	6.69362	6.81923
11.9384	8.90223	7.99286	9.74762	6.52453	8.682
1078.27	1079.22	1085.44	1153.97	1149.7	1036.71
55.5057	55.4737	55.9252	56.5716	59.1582	55.2703
15.4676	11.4017	14.5578	14.4797	13.3339	16.1971
28.117	33.7154	29.7457	34.0519	32.3531	28.1712
3.66241	3.187	3.0536	3.8028	3.34146	3.90472
27.1311	23.5026	29.1812	28.861	25.4531	27.134
34.7406	31.6407	37.0271	40.2648	38.9318	37.1167
48.7006	39.7203	43.1136	45.1249	37.3685	44.2831
0	0	0	0	0	0
6.56041	4.39718	5.29521	5.34142	4.24495	5.78404
14.0998	15.7036	14.3016	13.7245	15.0943	12.9703
0	0	0	0	0	0
12.87	13.9797	12.4817	13.1953	13.4127	12.9533
18.6798	16.9577	16.5695	14.6361	12.4696	16.4492
8.86783	10.4145	11.998	9.46814	7.49269	6.69643
43.3095	49.4952	41.798	42.6792	31.0691	38.199
0.708978	0.42476	0.213275	0.514518	0.415289	0.34194
30.5332	27.4251	25.1624	31.2139	21.2706	23.0955
0	0	0	0	0	0
0.551009	0.510211	0.672261	0.80962	0.791312	1.52244
0	0	0	0	0	0
18.0071	22.0021	17.4427	21.5443	19.2091	12.8212
3.67796	4.94456	4.14653	4.62656	4.21809	3.85134
10.3576	6.45524	5.77858	9.47428	7.08465	6.23461
0	0	0	0	0	0
0	0	0	0	0	0
25.1073	29.6423	33.7313	32.7557	35.6733	40.6199
37.2752	23.0442	40.2782	30.8641	19.1988	48.5148
9.9737	8.19535	9.69186	9.61841	8.35454	9.76593
0	0	0	0	0	0
0	0	0	0	0	0
1.47714	0.97625	0.735279	1.48429	0.792763	0.644685
11.9949	13.8178	14.3272	13.0255	10.86	12.2441
0.310514	0.277512	0.288764	0.292576	0.216904	0.355125

1.22846	1.29346	1.60741	1.33727	0.86829	1.17142
0.368717	0.395725	0.340071	0.340939	0.280747	0.328674
0	0.10427	0	0.0528438	0	0.177059
20.4915	19.755	23.1776	21.3518	24.4841	22.5518
1.01356	0.775737	1.52661	1.16675	1.3818	1.58639
0	0	0	0	0	0
70.4989	62.4108	70.7936	66.1766	62.5797	70.4535
18.9685	21.6651	15.6857	18.3954	19.0373	15.9923
0	0	0	0	0	0
63.4048	30.2644	88.9506	88.1935	128.257	159.261
4.12366	4.13834	3.8511	3.97526	3.93063	3.92391
10.4849	10.7265	7.63145	7.20446	5.45519	6.5746
0.67965	0.789108	0.461118	0.653202	0.512635	0.595545
13.1685	17.3237	10.3054	11.67	5.80968	4.87685
15.1752	13.3739	16.3012	18.75	16.1221	19.1955
0	0	0	0	0	0
0.0626921	0.0691648	0.050709	0.0710883	0.0546741	0.139199
5.58209	4.03985	4.82962	4.97502	5.09616	5.79002
43.9304	59.848	56.7284	48.8809	46.8609	35.4917
0	0	0	0.0334833	0	0
0.63476	0.873992	0.55294	0.389786	0.47315	0.643118
13.1088	10.2206	11.2214	11.4976	10.1465	10.7718
0	0	0	0	0	0
4.8479	4.39875	4.38124	5.08949	6.24225	4.84943
0	0	0	0	0	0
7.77902	9.19206	6.057	6.40058	4.95285	6.09266
12.4724	8.86664	9.86592	11.2572	12.5054	9.84623
2.38766	1.92529	2.17509	2.4898	1.68922	1.97286
0.258615	0.211616	0.0896523	0.214494	0.143202	0.119781
0.121159	0.117365	0.0980034	0.113789	0.0828747	0.121311
11.7203	11.031	13.3059	13.729	15.9061	9.99356
10.0744	9.97941	12.2929	9.61664	10.0285	9.07031
0	0	0	0.0267715	0	0
3.69542	1.30881	1.90662	2.87881	1.72022	1.67711
0	0	0	0	0	0
0.785174	1.64419	2.78167	3.21803	1.53392	1.18653
5.28113	3.8094	3.18791	3.94701	2.93302	2.04443
3.13524	2.66932	2.75187	2.8132	2.93612	4.06716
10.7902	8.84764	10.8892	9.90019	11.5314	11.6611
0	0	0.0697777	0	0	0
33.7692	45.6605	51.2278	47.6321	48.278	75.1271
0	0.129559	0.146369	0	0.0935182	0
9.5178	7.79975	11.1228	8.59109	12.1924	11.3525

15.8853	11.1904	11.9109	13.8795	14.0936	13.5353
0.195706	0.44372	0.738747	0.236713	0.252858	0.132189
0	0	0	0.0289311	0.0316026	0.0335959
0.771793	1.10518	1.71679	2.38263	0.610771	1.40752
7.12451	7.44838	8.21082	12.4913	12.7567	12.4181
3.45425	2.66527	3.67118	3.18016	2.97243	3.37968
11.9175	8.63242	7.23692	7.53713	7.03468	7.27993
105.431	83.4766	69.7746	63.97	66.5858	55.908
8.62138	6.33716	8.57643	7.28995	7.77699	9.12577
0	0.745579	0	0	0	0.42202
1.08338	0.775679	0	1.17934	0.419926	0.219529
0	0	0	0	0	0
2.45848	2.16915	2.1272	1.78417	0.93257	1.80754
0.0238017	0	20.0036	0.0172734	0.0184515	0
1.18579	0.761948	0.956619	0.851452	0.976672	0.661172
0.260622	0.1866	0	0.141853	0.033673	0.0352071
4.26463	3.29743	3.33421	3.66591	3.83494	3.35588
0	0	0	0	0	0
26.8752	29.4617	28.2927	29.1221	29.7451	28.0679
0.0299321	0.107154	0.121057	0.086889	0.0464076	0.0727828
0.37725	0.67526	0.6103	0.205333	0.511788	0.305774
3.6231	4.29724	1.83536	2.44343	1.16319	2.04675
0.146606	0.44611	0.317642	0.689594	0.369366	0.291671
0.0968162	0.381252	0.117469	0.0702612	0.22516	0.313891
5.05302	4.36915	4.34027	4.70928	3.75126	4.66925
0.939458	0.48287	0.853282	0.884987	0.331925	0.746254
0	0	0	0	0	0
0	0	0	0	0	0
28.7589	24.9345	18.8541	23.845	18.4269	22.7296
73.0867	29.8484	52.8777	59.5694	57.6944	50.8511
3.53695	1.97079	2.52643	2.17354	2.00117	2.20794
21.03	19.5735	24.7415	21.3853	18.162	18.8134
0	0.0223462	0	0.0226501	0	0
15.2514	13.4366	13.325	15.5032	8.49543	18.6847
0	0.0988275	0	0.179977	0	0
0	0	0	0	0	0
75.641	147.775	125.708	72.3014	61.4056	119.454
33.2575	32.206	30.8716	33.9606	25.983	31.1108
8.20889	8.59188	5.01334	6.48369	3.52685	3.50048
5.24553	4.9113	5.12283	4.63434	5.11362	4.84891
9.80519	9.14771	11.5964	11.3745	13.5323	10.3558
0.593174	0.667388	0.685438	0.691838	0.574797	0.463617
245.781	299.825	310.848	295.908	300.258	299.421

0.164362	0.317009	0.162314	0.0892532	0.370383	0.235895
376.312	570.351	394.92	383.271	382.669	361.363
0	1.47E-05	0	0	3.28E-07	0.161878
4.49722	2.51154	3.3467	5.74414	3.20741	3.86386
1.8598	1.44073	2.58946	1.92497	1.51265	3.089
17.4647	15.5481	16.1136	16.1537	13.3009	17.4482
6.15438	4.63915	6.16416	6.32687	6.58523	6.74783
0	0	0	0	0	0
0	0	0	0	0	0
10.6597	6.42589	6.7711	7.9282	7.77894	7.83275
276.479	327.694	299.191	311.708	355.359	296.035
0	0	0	0	0	0
6.2505	4.82188	5.81758	6.56916	5.79717	5.52907
0.223427	0.191964	0.180726	0.032429	0.138563	0.253533
3.71768	3.40269	2.35612	2.97613	1.06961	3.04437
0	0	0	0	0	0
59.628	48.525	58.4856	61.156	68.7002	58.2282
6.08799	5.55106	5.66102	5.56991	4.41697	5.27193
0	0	0	0	0	0
4.88476	8.22046	5.21387	5.48181	3.7477	6.73465
11.4118	9.77624	9.40212	9.6018	8.34442	10.0878
7.64674	5.84636	8.49007	7.84177	8.25473	8.00583
0.00460254	0.0059316	0	0	0.0115534	0
0.049948	0.0357618	0.0404019	0.0362482	0.0387205	0.0809691
0.102287	0.292941	0	0.222694	0.0792942	0.24872
0.823958	0.399636	0.687982	1.87104	0.185442	1.12026
2.50496	2.75443	3.52538	2.41456	1.1555	3.22069
0	0.499954	0.211809	0.126688	0.0676646	0.636726
8.73484	6.25398	9.43549	8.81647	9.93208	10.0037
0.811704	0.71677	0.787885	0.765789	0.608271	0.460539
5.52844	6.08976	4.96856	5.91788	5.26479	4.90963
0.0826173	0.0887286	0.0668274	0.0299784	0	0
0	0	0	0	0	0
0	0	0	0	0	0
24.1724	17.5258	24.867	22.5388	25.6819	24.1893
0.896747	0.385232	0.725361	0.390471	0.417104	0.872213
0	0	0	0	0	0
11.1865	13.1027	12.6881	10.9577	9.85762	11.7338
0	0	0	0	0	0
11.3371	11.1455	12.5917	12.5074	12.4061	12.1023
0	0	0	0	0	0
0.155864	0.334787	0.378225	0	0.604141	0.252666
0.093504	0.0334736	0	0.0339288	0	0



14.7072	15.4993	17.243	15.6901	15.9275	17.055
0	0	0	0	0	0
8.96996	6.75111	7.69718	6.68785	8.30095	7.98566
19.8489	17.1066	18.3269	18.0293	22.0307	19.6328
0.33621	0.412663	0.116551	0.174281	0.148934	0.11679
45.8849	58.2919	54.0578	45.6875	49.1018	60.6426
32.6599	34.4166	33.7867	30.4537	30.1267	26.7076
3.54841	7.59073	6.61805	6.42611	6.00225	5.46263
0.2156	0.118721	0.313803	0.165917	0.281866	0.119479
0	0	0	0	0	0
94.8702	87.3806	90.916	97.7887	103.159	95.9645
13.1287	12.3929	12.9206	14.0929	11.4407	12.6872
3.4805	3.75253	3.542	3.53698	4.02198	4.16371
4.55881	4.19612	27.8271	19.408	14.1305	4.04675
105.011	119.829	111.594	108.645	98.6891	107.736
0	0	0.0150039	0	0	0.0150346
20.7767	24.2501	25.9135	22.2473	20.1524	26.4999
5.00214	4.45384	5.05766	3.79303	3.20659	4.70415
2.31644	2.82191	3.63513	2.27875	3.00083	2.55816
4.24845	3.81322	4.82297	4.19383	4.36598	4.65421
0	0	0	0	0	0
22.616	17.7998	20.3817	18.6984	21.8838	20.8219
5.32381	4.68301	5.5367	5.55621	4.67738	4.80829
0	0.0875701	0.148399	0.0221903	0.18963	0.0247837
9.70053	11.8882	11.7429	9.21463	20.8736	9.58986
0	0	0	0	0	0
12.5735	12.7911	14.0789	13.8865	14.0612	13.4588
0.114532	0.0728907	0.16813	0.0831177	0.0197299	0.0825167
0.624306	0.0744986	0.967895	0.226535	0.80662	0.379516
7.96115	8.45614	10.0618	9.39277	8.01524	10.5212
1.81212	1.85349	1.73502	1.85186	1.60547	1.82849
31.0736	23.3065	30.7773	27.8312	28.2181	28.9447
0	0.0507819	0.0573709	0	0	0
0	0	0	0	0	0
22.3543	16.4706	16.2796	19.0237	13.8572	19.401
6.63901	5.76774	6.28287	6.99625	6.85265	7.76673
7.49475	5.83272	5.00803	7.33093	3.53655	8.45182
14.8093	17.2004	17.0482	16.1501	17.9633	17.4066
42.5999	38.8212	39.857	41.448	27.6815	38.4775
17.9587	16.4194	19.058	22.3802	19.8478	21.4735
0	0	0	0	0	0
3.96575	2.23428	3.24726	2.96058	4.10748	3.66228
0	0	0.0621639	0.0242471	0	0.062291

12.0769	5.74631	22.5052	15.9202	11.6139	31.4107
2.43402	2.90453	3.15013	2.75897	2.7315	2.81837
2.15604	1.54438	1.38166	0.65376	1.81068	1.31066
9.85774	8.92624	12.1072	11.2438	11.3083	7.12346
0	0	0	0	0	0
0.349399	0.0357376	0.242248	0.326013	0.116083	0.202286
0	0.0353549	0.159769	0.0358357	0.229427	0.326863
1.91052	2.00421	2.18995	2.2143	1.94051	3.06132
11.5036	13.0943	12.3015	10.8387	11.457	10.5883
8.8388	9.76719	8.77539	11.9804	10.4729	8.94301
12.4589	10.6986	12.1371	12.571	10.2999	11.7256
21.8685	21.114	20.6196	20.3272	21.56	23.0183
0	0	0	0	0	0
86.7495	129.068	118.323	107.647	107.098	144.773
0	0	0	0	0	0
2.66814	1.96169	1.50842	2.67545	2.04614	2.38353
2108.75	2028.15	1934.39	2033.87	2119.49	1991.99
19.1791	31.4534	13.2075	14.1067	13.0597	12.7093
0.0504856	0.0361467	0.0816736	0.183192	0.0195686	0.122761
21.5681	17.3163	19.4133	21.3417	24.9507	19.8532
4.49854	3.18872	3.40899	2.6168	2.30072	2.70092
0.239173	0.202955	0.268697	0.277715	0.337138	0.172318
26.6713	28.6605	28.5997	24.7071	34.2296	21.2437
0	0	0	0	0	0
2.14104	1.33393	1.43957	1.64328	1.43588	1.19472
4.2538	2.9384	3.29543	3.34794	2.83316	3.71494
2.89891	2.8377	2.37774	2.18757	2.00831	1.53265
9.21432	6.60223	8.74851	7.2975	6.22108	8.28385
0	0	0	0	0	0
57.7645	54.2726	53.0618	60.4953	71.0073	50.5363
9.14819	6.6399	8.25651	6.59726	5.68573	5.49007
5.30968	4.34949	4.75544	4.88165	3.01366	4.41273
3.60826	3.4583	3.60612	3.24938	2.88629	3.43151
0.501616	0.718296	0.483033	0.398702	0.370344	0.309773
4.75814	3.62474	4.7032	3.42543	4.60355	5.03215
18.0908	18.2862	16.441	19.3844	17.4066	15.2671
0.0608765	0.196139	0.147725	0.132538	0.0943848	0.148027
25.2538	21.0196	24.4874	24.1973	19.3023	25.8588
33.1364	36.4683	40.0597	36.0963	39.5879	21.922
0.0844704	0.0431994	0.0390436	0.0613017	0.028064	0.0489043
0	0	0	0	0	0
0.377058	0.168729	0.0762486	0.119717	0.0913441	0.17191
20.3659	21.6985	25.3604	22.8776	24.5562	20.6407

0	0	0	0	0	0
0	0.0195225	0	0	0.0422752	0
81.6737	78.3641	86.724	91.5606	76.3254	75.7113
17.0733	14.3448	16.5055	18.6115	16.8231	18.5706
1.57927	1.63079	1.61198	1.01145	1.12906	1.49188
20.7917	20.7009	18.9944	21.302	15.7008	16.9317
0	0.00174225	0.00590493	0.00353189	0	0.0076921
6.17237	3.92566	4.23585	6.57612	5.57391	4.61105
3.94073	3.68683	2.86184	1.18911	2.22802	1.57376
10.6622	9.2632	10.5884	10.5554	9.05662	10.1918
30.804	19.8698	28.462	28.1404	23.7179	30.1322
21.6339	24.6567	18.7849	18.9683	22.7263	21.3998
0	0	0	0.0496129	0	0.166234
3.11877	2.60753	3.29089	2.67259	2.67577	3.55475
0.087386	0.0417111	0	0.0422784	0.067743	0.0236098
1.44927	0.887207	1.3466	1.5444	1.22791	1.88211
12.7169	9.72306	12.9395	13.3631	13.4271	12.9193
15.7702	14.6312	19.0294	16.924	17.6764	17.693
0	0	0.0638605	0.0286475	0	0
0.252526	0.0904018	0	0.549787	0	0.307021
634.482	1377.11	936.741	743.501	645.014	1248.18
4.51497	3.30418	3.97514	3.27962	3.90858	3.49749
0.0309748	0.0665322	0.10022	0.134874	0.0480243	0.125531
89.8198	89.1898	88.8164	98.3854	104.269	93.5873
0.509385	0.208406	0.235446	0.330062	0.338471	0.235928
15.5112	15.0229	16.0481	17.2778	18.969	19.4433
12.3122	12.7561	13.9866	11.9955	12.8925	11.5443
11.2742	7.46573	8.43441	9.19967	9.1494	9.29313
32.7806	39.367	37.9512	40.5878	28.2577	30.6016
10.0908	10.3785	5.83019	7.84617	11.7959	8.69825
0	0	0.121705	0	0	0
9.04717	8.90027	7.84579	8.37828	6.62356	7.33007
0.378778	0.354846	0.178964	4.08E-64	7.94E-60	8.46E-58
0.0324885	0	0	0	0	0.0592493
7.53621	9.32217	6.74902	7.27594	6.93759	6.62647
5.74463	4.86282	6.43766	5.75408	6.07693	7.05707
21.9373	28.0791	32.1271	31.2261	30.8795	31.1946
0.0620731	0.0463475	0.106892	0.0922336	0.142326	0.0553091
1.46788	1.63485	0.791559	0.828541	0.63218	0.528785
0	0	0	0	0	0
1146.68	1130.87	1080.53	1047.83	1650.8	282.046
22.9017	38.088	34.5698	26.5661	37.884	39.3177
0	0	0	0	0	0

65.8245	58.7099	66.0773	71.3487	70.0001	66.486
3.98716	5.05694	4.83982	4.92984	3.97585	5.36015
1.26669	0.906929	0.508068	0.769218	0.324615	0.509107
0.491194	0.507315	0.556878	0.549057	0.444149	0.612779
0.101443	0.290525	0.0820552	0.147238	0.393201	0.082223
0.626134	0.4483	0.138127	0.33047	0.0882525	0.184546
0	0.201308	0	0	0	0
6.12737	6.08399	5.61873	5.39396	2.8999	5.27401
37.235	26.2906	35.7276	34.7617	29.5808	42.2174
0	0	0	0	0	0
43.8037	44.0703	41.4616	43.8452	45.6249	34.5837
1.16187	0.856863	0.863081	0.853458	0.665845	0.855527
15.05	15.7449	14.8966	14.3591	11.2671	14.5861
105.598	95.6343	107.124	99.8869	90.695	102.234
65.2393	66.8967	72.6187	71.5756	74.3211	64.9922
3.92259	3.44554	3.54436	3.29799	3.27818	3.84628
185.384	180.413	178.942	184.567	212.98	172.427
0	0	0	1.20E-07	0	0
0.205261	0.201297	0.19406	0.233348	0.156922	0.218439
0	0	0	0.105327	0.112511	0
0.27916	0.114213	0.258065	0.144708	0.0309156	0.32324
24.3171	30.0143	28.7874	31.7471	34.8051	27.5144
4.05828	3.01462	3.61782	4.14165	3.83424	4.09116
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.0636686
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
5.18916	4.24483	6.08288	4.44206	4.44731	4.83272
61.3696	58.9158	63.4168	70.4681	67.2475	65.893
21.0164	19.5065	16.2305	14.725	13.3475	18.4578
1.31061	1.61938	1.00825	0.993408	0.735246	1.16993
0	0	0	0	0	0
24.3767	25.8171	26.7432	27.8717	29.7789	26.4715
0.619376	0.480277	0.75008	0.934672	0.838674	1.08608
2.65093	2.59882	2.04532	2.69336	2.27636	2.18173
0.339006	0	0.0609195	0.290726	0.233588	0.0610449
627.341	449.164	0	0	0	508.481
0.608475	0.546551	0.483234	0.457639	0.70326	0.699461
47.0324	40.927	43.9994	41.6219	38.2915	42.7238
0.426787	0.459802	0.471163	0.399112	0.240698	0.422414
15.056	17.1163	13.2048	13.6589	15.9332	11.9826

14.9872	12.0105	16.4213	13.1513	14.6748	13.3386
48.5425	39.1086	40.4799	43.0137	36.8041	39.4531
34.6053	38.5275	43.3874	38.9693	31.8181	36.6792
11.7929	8.12784	10.2645	10.0575	11.1053	11.3818
0.331766	0.249586	0.290336	0.458607	0.553526	0.235438
50.0065	31.6586	34.38	34.7841	56.6642	32.1651
0.209967	0	0	0	0	0
0.0257738	0.00922679	0.010424	0	0.00999014	0.0208906
14.2131	11.1391	12.6066	13.3859	13.2033	9.93177
7.90E-09	0.180066	2.94E-09	0.192636	2.90E-08	0.382156
0	0.184426	0.0833422	0.336482	0.159747	0.0835126
21.2104	19.6733	17.8755	18.3248	12.4869	18.8649
7.4099	6.67066	6.25806	6.56368	4.18154	6.31509
62.5037	44.7514	25.279	22.68	24.2269	101.323
3.5705	2.73595	3.11057	3.08753	2.84247	3.65817
0	0	0	0	0	0
17.493	15.2438	13.0122	15.1381	9.59169	13.2951
7.99589	6.42324	7.30597	7.55023	7.67926	8.5891
24.0403	24.3202	28.5244	26.7074	27.3373	25.3552
0.449736	0.789411	0.509841	0.705989	0.307923	0.655764
25.7653	23.8822	28.293	26.7812	29.8962	27.4772
6.64245	6.64119	7.35061	7.56968	8.00242	6.42335
22.8879	26.9302	25.4697	27.1061	31.8217	29.7563
19.8447	14.0442	19.5958	17.1978	27.9271	10.5047
7.10916	5.21001	6.40776	6.16397	6.48187	6.21721
1.27953	1.07779	0.73058	1.03783	1.05026	1.09811
0.221286	0.264061	0.536982	0.321183	0.171544	0.478293
155.302	118.854	111.994	50.9962	47.2109	48.4528
0.0371727	0.0133075	0.0150341	0.0134885	0.0144084	0.0150649
1.58078	0.707382	0.958999	1.1472	0.306362	0.96096
1.914	1.67815	1.19707	1.8232	0.904363	1.44853
6.54542	6.54542	4.5352	4.5352	4.87015	4.87015
2.21718	2.95596	2.41186	2.46906	1.57062	2.26187
9.7382	9.34275	8.89283	9.46925	7.40772	10.368
772.185	726.155	469.174	556.221	579.957	749.352
0	0	0	0	0	0
0.869102	0.62226	1.17166	1.15632	0.561451	1.29147
0.0289686	0.0829638	0.0234321	0.0630691	0	0
0	0.0297762	0.0672794	0	0	0.0337085
5.58091	3.1691	0.31133	12.1505	1.64105	3.11967
8.36141	7.51804	7.91485	7.68428	8.45567	7.13311
0	0	0	0	0	0
0.0331302	0.0711619	0.133992	0.192346	0.154098	0.0537064

0.0452887	0.324259	0.146533	0.295802	0.105326	0.0734161
0	0	0	0	0	0
12.9013	12.7498	14.321	14.3891	14.0305	13.9777
7.03035	5.99535	6.70269	6.72888	5.30127	5.88687
0.719532	0.925495	0.657936	0.885242	0.611872	0.567252
0.984317	0.738452	0.456419	1.23244	0.927719	1.60143
0.185257	0.384658	0.389612	0.282333	0.287228	0.225236
21.1197	19.2558	21.5256	23.0051	25.0124	21.1114
0.0371683	0	0.0300647	0	0	0.0301262
1.13386	1.94196	1.35895	1.31785	0.99938	1.43849
26.7155	29.2739	31.8257	33.0819	35.338	36.0083
0.0481554	0	0	0	0.0746616	0.0390315
0	0.201769	0	0.0511279	0.218462	0.228415
5.19307	4.88773	3.89741	3.73732	3.34426	2.88249
0	0	0.00761533	0	0	0
0.521246	0.210544	0.299822	0.452065	0.297872	0.311442
0.617587	1.03171	0.633735	1.17227	0.611627	1.16646
0	0	0.0997423	0	0	0.0999462
17.2362	13.8055	13.1323	18.7945	16.466	16.0167
7.9636	6.64238	6.23442	6.93818	4.8365	5.58357
0.120534	0.0143834	0.0324993	0.14579	0.155734	0.0814143
0.99021	0.977231	0.974142	1.12647	0.643146	0.629064
12.8402	9.58976	9.06235	9.77655	7.61251	9.19076
1.42928	1.57689	1.25673	0.147706	1.20022	1.33286
8.39844	7.92191	7.97089	8.46497	9.50826	8.36501
33.0605	29.3035	33.6848	31.9906	33.1914	25.6229
0	0	0	0	0	0
5.89073	4.89456	6.6179	5.77918	5.89146	5.45251
33.653	36.7042	34.4106	29.4364	23.2618	28.7589
1.39203	2.5796	1.25845	1.18849	0.761732	1.39376
32.0193	29.7064	31.9538	37.3082	36.6551	38.8138
37.1122	0	0	0	0	0
12.635	14.1984	14.0241	14.3503	15.2852	14.2824
0.193126	0.207411	0.117162	0.245271	0.074857	0.547872
1.6284	1.22306	1.3301	1.83057	1.73266	1.60456
0.95553	0.586407	0.662494	0.470552	0.767197	0.387245
0	0	0	0	0	0
1.01828	1.06404	0.868185	1.21832	1.23741	0.513053
51.2667	52.9416	48.4688	45.5904	48.8762	50.2634
12.7758	12.5623	12.9714	11.7527	14.3228	12.2509
0	0	0	0	0	0
0.614592	0.739596	0.601175	0.260025	0.551216	0.472106
9.86371	9.60224	9.46399	11.7723	7.84063	9.06612

0	0	0	0	0	0
0	0	0	0	0	0
0.498921	4.47073	2.55571	0.758707	0.637027	1.14693
0	0	0	0	0	0
0	0	0	0	0	0
24.3582	21.6079	23.8962	23.8475	22.1755	25.4788
0	0	0	0	0	0
0	0	0	0.0459519	0	0
15.7825	19.7695	23.4331	20.126	20.4694	22.6494
20.0455	21.3263	20.1804	18.432	19.8383	17.9746
88.7229	68.3965	82.601	92.6881	102.387	66.6595
0.0577675	0.035981	0	0	0	0.0407327
6.83795	4.42709	6.88442	7.07409	4.00386	3.89146
20.5637	18.736	20.3788	19.7914	20.6485	20.4733
166.393	221.737	202.39	194.852	201.395	210.24
3609.13	4857.59	3781.68	3317.04	3787.64	3565.87
51.502	37.2233	47.4768	56.6226	52.729	61.3229
10.2128	11.7543	11.0803	10.6241	11.146	10.4391
33.8225	29.5546	33.8112	32.4097	34.2309	35.9992
0	0	0	0	0	0
0	0	0	0	0	0
2.21985	2.52854	2.2853	1.81236	3.26573	2.69889
19.4814	23.9789	18.2764	15.1307	13.2373	13.8022
0.0177546	0.012712	0.0143614	0	0	0.0143907
11.0747	5.79558	9.83763	10.2875	8.9287	12.2406
25.0437	21.0554	15.0337	16.5704	12.9808	17.537
0.543583	0.253823	0.229405	0.171517	0.201536	0.306499
0	0	0	0	0	0
0.0235228	0.00842094	0	0.00853546	0	0.019066
12.2084	8.00183	9.79447	11.3308	12.3973	11.0216
0.0423761	0	0	0	0	0
3.65466	2.68786	3.5155	2.90992	3.10829	3.19359
3.18095	2.73952	3.17495	3.23117	2.30484	2.93835
0	0	0	0	0	0
0.675404	0.682696	0.578457	0.749646	0.862373	0.998269
15.5675	15.6277	13.458	14.5457	9.95624	12.1448
10.1695	7.07422	9.81258	8.85936	8.69094	11.1437
5.02797	4.26308	3.15729	3.71292	3.55587	2.73503
5.51872	3.62823	4.34232	4.0722	4.39479	4.57626
0	0	0	0	0	0
0	0	0	0	0	0
22.4679	15.8558	15.9131	17.8657	27.3346	12.0246
5.51194	4.66124	5.7861	5.09674	6.64673	5.77142

0.0841079	0.321171	0.0680332	0.0610386	0.26624	0.170431
0	0.421458	0	0.106797	0.114082	1.07351
10.1028	11.2197	8.11185	8.91053	8.23204	9.68295
1.60375	1.24295	1.02977	1.33185	0.999725	2.03694
11.669	8.82585	10.6852	11.4965	12.5132	11.4508
0	0	0	0	0	0
21.875	19.3137	21.9823	20.3431	17.7615	21.2053
45.7407	48.549	45.2186	46.4179	49.2782	55.4186
18.9674	15.9038	16.7613	16.7407	17.7975	18.5195
0	0	0	0	0	0
0	0	0	0	0	0
28.6628	29.3212	28.3156	24.8865	24.156	22.3646
31.911	34.1053	31.981	32.906	32.4652	23.6935
0	0	0	0	0	0
0.049248	0	0	0	0	0.119751
0.283449	0	0.0982611	0.0293862	0.0313905	0.0656413
0	0	0	0	0.107845	0
0.252305	0.663873	0.136056	0.488273	0.456379	0.613505
16.7973	12.7782	12.2283	15.5424	15.4631	6.46703
1.94326	1.63427	2.27047	1.38787	1.74556	2.1501
9.15276	6.9165	6.75422	7.68446	6.82032	8.93611
0.586245	0.154528	0.399452	0.895028	0.263518	0.574788
4.52785	3.68118	4.04329	4.57192	4.5516	3.75572
7.60505	8.70027	8.5587	7.40882	7.08107	7.53768
0	0	0	0	0	0
13.3459	13.6102	14.5382	11.622	10.7741	14.8285
4.24008	2.80427	3.60411	3.37699	3.9973	3.59691
0.711828	1.11741	1.32873	1.3312	0.466925	0.798869
9.78804	7.89458	9.22223	8.79531	7.52606	9.17614
0	0	0	0	0	0
0	0.0696842	0	0	0.150899	0.315547
3.01697	3.72422	3.0568	3.34507	4.44852	3.9923
1.89954	1.55912	2.55236	1.99143	0.592988	1.79878
0	0.131282	0	0.266135	0	0
7.37748	5.4766	6.29103	6.13879	7.45325	4.67089
5.96741	6.26791	7.09362	5.59684	5.84387	6.09447
10.6507	9.79004	13.2414	10.5353	11.8916	14.0266
3.61691	3.37546	3.45222	4.39965	2.97792	3.55839
0.166233	0.371937	0.268926	0.150798	0.144975	0.235791
3563.94	2296.54	2594.52	2586.42	1657.69	1444.35
5.48622	3.40485	4.25944	4.30131	3.58764	2.9614
0.107321	0.0768398	0.156259	0.0876207	0.0831969	0
27.5356	27.0492	24.1801	26.7617	25.9423	20.0911



0.0441567	0.187171	0.10657	0.325887	8.10E-87	1.81E-96
2.76619	2.76192	2.62265	2.59997	3.86258	1.2821
0.119044	0.028411	0.0160487	0.0287974	0.0153808	0.0160815
0.162088	0	0.0564203	0.0334685	0	0.0371887
0.0798258	0.0571537	0.0645694	0.057931	0	0.258806
6.5167	5.84602	6.34873	5.71688	6.17366	6.5093
0.162107	0.0580327	0	0.352932	0	0
5.21346	4.07519	4.20749	4.14806	4.27194	4.08863
51.2606	53.3753	65.5619	65.9183	69.4975	56.4794
0.556182	0.371026	0.335442	0.352129	0.102201	0.256457
4.09048	9.40352	7.80874	2.87192	10.5113	6.61764
339.308	277.607	351.04	328.187	578.697	163.975
20.4701	17.1585	12.5194	15.1273	11.5629	12.4944
0	0	0	0	0	0
0	0	0	0	0	0
1.96819	2.2547	1.52835	4.11366	6.34722	6.1375
0	0	0	0	0	0
18.5415	18.63	18.5427	16.3673	16.6744	19.1176
5.05803	5.28242	4.522	3.25671	4.48121	7.45961
0.137167	0.330814	0	0.303556	0	0.0177871
37.7006	35.7131	40.0443	38.2858	34.8846	34.0199
0	0	0	0	0	0
28.0751	31.6907	30.511	39.3341	34.6318	33.965
0.135624	0.109243	0.0274255	0	0.105138	0
11.8564	7.91605	10.5586	12.0503	10.798	13.2756
51.9559	43.2734	45.8539	48.2111	53.8054	43.0684
22.4287	23.3827	18.3991	20.8418	17.4856	18.4882
0	0	0	0	0	0
0	0	0	0	0	0
23.6277	23.4933	25.8715	23.6728	19.9213	21.0621
1.56482	1.74434	0.836079	2.67496	1.36319	2.38868
6.76897	6.13681	6.8252	5.37369	5.96334	4.94611
1.17927	0.98506	1.7488	1.14109	1.37129	0.318614
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0598771	0.0857417	0	0	0	0
65.5185	80.8055	60.054	68.9474	70.1428	39.1575
3.49461	1.36548	1.65485	2.10478	0.720742	1.65589
6.58974	4.70659	7.03999	7.84428	8.39035	8.19222
0	0	0	0	0	0
0	0	0	0	0	0
0.0313033	0.134475	0.0759619	0.0681521	0.121334	0.10149

73.8625	78.1458	78.2646	81.2276	83.3918	77.7785
1.8317	3.28276	1.32295	3.3342	1.27876	1.17601
0.0623596	0.26789	0.151324	0	0	0
0.11592	0.207491	0.210972	0.231344	0.202191	0.117446
0	0	0	0.0322921	0.0689893	0.0360662
46.0256	47.3151	49.4422	56.6662	54.7919	48.154
8.92871	10.5837	8.96926	9.42144	7.64356	10.1103
14.6279	13.6721	9.71933	13.1782	16.1159	14.7913
27.3425	23.4748	22.6064	26.8983	26.7961	26.4838
0.088833	0.127205	0.0359276	0.193403	0.172162	0.216006
0.364448	1.04375	1.17918	0.264486	0	1.18159
0	0	0	0	0	0
41.8253	36.6806	39.9344	38.9893	51.4197	44.3809
18.135	18.9428	18.129	19.3894	19.7929	15.1438
0	0	0	0	0	0
34.2887	38.4993	34.1695	34.1535	29.675	30.9673
8.33904	7.19847	8.3579	10.7968	9.42262	10.0604
1.67036	1.65695	1.28085	1.53695	1.27619	1.40756
0.611167	0.210615	0.408171	0.444053	0.394128	0.310565
0	0	0	0	0	0
171.901	155.835	173.68	168.81	187.186	67.8361
29.2099	22.5085	23.9852	23.7343	24.5414	23.6701
13.8507	16.796	14.9708	15.3671	13.1178	14.0121
0	0	0	0	0	0
3.09955	3.18283	2.4082	2.98933	2.84544	2.47923
1029	990.183	871.357	960.747	1076.26	971.891
0.107304	0	0	0.0389362	0.0415918	0
37.2817	38.9442	34.69	37.0738	27.3885	35.0557
0	0	0	0	0	0
0	0	0	0	0	0
0.109413	0	0	0.0794024	0	0
13.1507	12.2228	11.4963	13.1596	12.6641	11.1887
13.6463	11.2145	13.1357	13.9107	14.2743	13.6084
5.43341	4.79516	5.21097	5.81401	4.46579	5.38345
26.9124	21.2703	25.254	27.2358	26.6172	24.5277
0.0788649	0.0846986	0.0956883	0.143084	0.0611373	0.0319613
21.0096	21.2165	23.9016	23.7587	21.3018	19.9868
0	0	0	0	0	0
0.874918	0.689067	0.920015	0.507955	1.55998	3.54575
5.2059	4.9233	5.88815	7.37135	6.84275	7.33765
11.8556	11.9635	12.0355	11.8375	15.1738	11.7376
20.3152	19.0676	20.2989	19.0048	25.4094	18.0157
15.7966	14.8878	13.2991	16.221	12.4957	14.9377

0	0	0	0	0	0
0	0	0	0	0	0
20.4968	20.2207	22.3081	22.0528	21.0687	25.4785
175.734	292.505	391.332	235.811	346.396	272.686
10.8636	7.85717	10.7531	11.4797	9.76737	12.5651
0.890542	0.956417	1.62077	1.45414	0.345181	0.541361
0	0	0	0	0	0
6.07762	5.07979	4.88381	5.68784	3.54669	5.24107
15.0616	13.2853	13.8528	14.7743	13.2663	12.6262
1.83809	1.10824	0.991371	1.31053	0.82495	1.09777
11.5854	11.8963	12.223	7.90766	12.3513	12.7163
587.795	518.776	553.259	585.771	653.586	529.342
0	0	0	0	0	0
0.867484	5.72106	3.80735	3.50841	5.55536	5.48707
2.88134	1.26121	1.88474	2.65603	1.8452	2.31695
0	0	0	0	0	0
34.6218	35.3063	31.8557	34.8935	76.579	13.2353
5.75498	5.90651	5.38079	5.89156	5.44522	4.84197
8.85949	6.98559	7.44428	6.75614	6.89599	7.52268
1.04474	0.822813	0.585913	0.93004	0.588525	0.750825
0	0	0	0	0	0
36.1948	34.9469	33.2807	35.2808	33.124	31.3038
0	0	0	0.0302664	0.0323308	0.0676074
16.5171	16.4223	18.2877	15.7105	15.2196	15.1918
47.5098	50.0803	60.0349	43.396	72.4588	27.7002
1.53118	0.99663	1.27607	1.07753	0.539542	1.42911
0	0	0	0	0	0
5.99009	5.00241	6.12698	6.06927	6.04681	5.9247
0	0	0	0	0	0
2.00364	3.92116	2.59313	2.03571	1.4497	1.29922
14.5878	13.8135	13.8851	14.3013	14.6976	14.4473
41.4559	63.0988	50.0641	39.6113	44.7346	42.7054
0	0	0	0	0	0
17.5747	23.746	20.6318	20.1867	12.2741	17.6766
29.5736	26.1144	29.3487	34.5586	32.8643	34.516
10.7045	13.4821	9.27275	11.4821	6.83319	10.4941
16.5112	13.4731	15.7247	14.5862	17.9225	15.5046
33.8502	40.7853	43.4543	43.2097	45.5118	37.1432
11.422	10.3415	10.7938	9.09938	9.91691	10.1152
26.3649	28.833	31.0034	27.2295	25.1364	30.021
0	0	0	0	0	0
1.88275	1.62732	1.64753	1.65339	1.64418	1.71682
13.3518	10.3953	11.0184	11.7824	8.15035	10.1061

7.08944	11.4715	6.9961	8.64349	6.4851	5.51638
12.0768	9.08974	9.44859	10.5706	9.61426	10.5108
0	0	0	0	0	0
0.742197	0.732964	0.683154	0.631492	0.714243	0.539343
0	0	0	0	0	0
0.0198353	0	0.0160444	0.086369	0.0307532	0.0482315
7.14345	7.0164	6.60063	6.72051	7.23218	7.15764
3.07762	2.5379	1.72419	2.65063	2.68288	3.49426
33.8391	26.6118	29.7386	31.5795	33.9148	32.2555
1.04499	1.25704	0.811458	0.920151	0.853295	1.19709
7.92548	6.03516	5.75882	6.94586	7.83615	6.58719
0.0647624	0.0518363	0.036077	0.0332987	0.0264719	0.0305022
38.2462	36.1253	35.0672	36.6737	43.8844	32.5823
6.50084	9.05303	9.80327	6.53992	7.86517	7.53843
0	0	0	0	0	0
0	0	0	0.0168356	0	0
2.44719	2.4822	2.18568	2.88596	2.21329	2.23147
0	0	0	0.0570669	0	0
29.3783	30.4943	32.5418	28.2781	29.0616	26.971
0.0791411	0.0566635	0	0	0.0613514	0
0.244233	0.291444	0.526814	0.236326	0.378667	0.461905
18.3613	15.2711	16.4482	15.9135	18.5157	19.2002
2.61725	1.87863	2.41853	2.66974	2.33601	3.14344
0.549514	0.492288	0.138423	1.18068	0.516214	1.10965
0.933828	0.303336	0.202561	0.332735	0.280966	0.288411
0.568053	0.203358	0.68923	0.961909	0.513758	0.767377
3.67423	2.98577	3.71273	3.95191	2.25596	2.71923
1.05982	0.745954	0.562718	1.08307	0.753962	1.06917
1.32E-05	1.09563	2.24147	5.81979	8.42E-06	2.74574
0.209967	0.150332	0	0	0	0
15.611	14.0273	15.8952	15.6908	17.6198	14.2449
0	0	0	0	0	0
0.805056	0.449381	0.90189	0.678264	0.581468	0.314028
1.36882	1.58835	1.37446	1.60995	0.914765	1.03296
3.8157	3.43851	4.15073	4.32079	4.48798	3.03943
0	0	0	0	0	0
1.65941	1.47413	1.14341	1.36037	1.33404	1.54427
0.243861	0.2619	0.789018	0.221218	0.37809	0.642388
8.23074	6.42624	8.18098	7.11151	7.59842	7.54585
11.7792	8.78877	8.91043	8.61931	8.25284	9.50402
12.9209	10.215	13.1173	13.2533	10.972	14.5401
53.0888	52.1998	57.0708	66.9055	58.7087	70.1005
0	0	0	0	0	0

32.3552	38.0698	32.855	27.5835	41.3317	23.4756
12.8906	17.1036	13.9924	16.7783	9.4419	14.2653
0	0	0.0760707	0.0680097	0	0.343087
0.204072	1.82717	1.63335	0.231406	0.951005	1.36596
687.461	1380.8	711.953	903.015	728.678	1315.06
2.65943	2.74414	3.1002	2.83823	1.45527	3.04314
5.21832	4.58773	5.56255	4.70297	4.28993	4.51816
41.931	0	67.8343	30.4301	97.5168	33.9865
3.12538	1.61664	2.55678	3.56601	3.20622	2.71269
22.4806	22.4825	24.504	19.7687	21.3915	21.4331
22.7928	22.0071	22.6068	23.8306	21.1586	21.2079
0	0	0	0	0	0
2.06821	1.67922	1.31045	1.76393	1.68534	2.74701
0.0749741	0.021472	0.048516	0.0544101	0.0581211	0.0486152
20.283	20.1484	17.5951	19.1899	17.8247	17.7524
18.2847	20.5921	14.1923	14.7854	13.9753	15.5757
70.6724	63.5779	65.0327	63.9995	74.5172	55.3883
11.2792	13.879	15.3704	15.4948	12.1182	12.4376
482.458	239.144	480.308	296.263	201.389	240.645
0.28623	0.614806	0.231526	0.484685	0.44378	0.618664
47.408	43.325	44.1233	48.0813	43.7136	38.8434
0.413471	0.166357	0.188068	0.103105	0.10004	0.209286
3.65224	2.97449	2.17874	2.51797	1.87572	1.85016
14.2617	12.934	11.3437	9.83246	11.4244	10.9816
2.40902	0.597051	1.72377	2.21896	1.72386	2.77869
12.566	11.6636	11.5597	13.0161	15.4065	12.7046
1.66352	1.42926	1.04283	2.05232	1.19287	1.04496
1.84957	2.76623	4.8872	2.77402	1.49754	1.79897
0	0	0	0.321203	0	0
0	0	0	0.507686	0	0.189007
0	0	0	0	0	0
1.35948	0.961638	1.48388	1.53339	0.876128	1.35415
126.795	130.415	127.551	132.619	145.878	125.331
11.3568	8.12667	13.0418	11.5481	13.5462	13.6666
163.907	172.76	167.113	177.974	178.276	164.34
0	0	0	0	0	0
0	0	0.0286231	0.0256803	0	0
3.62541	2.16081	2.89544	3.99785	3.05447	3.10569
1.60948	0.610073	0	0	0	0.153475
3.6461	2.7641	1.70594	2.23097	1.96747	2.46274
54.7663	50.8547	54.0289	57.5353	49.5564	43.2063
2.52664	1.35677	1.9302	1.78269	1.14257	1.25151
4.79551	3.77426	4.01315	3.77326	3.33741	3.48946

0.600264	3.16361	1.23012	4.68549	0.929379	4.65416
0.336548	0.180721	0.416847	0.782833	0.305739	0.419969
0	0	0	0	0	0
1.45445	4.16543	1.17647	3.16656	1.12751	4.71552
32.9029	30.9562	26.5988	35.3945	33.7883	30.9825
0	0	0	0	0	0
10.3314	8.64395	10.3828	9.38631	9.74589	8.0409
0	0	0	0	0	0
491.505	191.95	361.425	291.84	173.192	217.299
15.2532	26.2471	22.2914	19.1159	18.9292	21.8175
29.5884	26.9446	30.4367	30.0822	29.6594	31.0591
3.56628	1.94889	1.36731	2.24771	3.05555	4.94385
0.229198	0.443075	0.252236	0.266627	0.349658	0.388228
10.2977	12.3704	12.8611	12.7456	11.3107	11.6365
0	0	0	0	0	0
18.4706	14.268	17.2158	19.6762	21.0708	20.5474
0.029189	0.0104494	0.0118052	0.0105915	0.0226277	0
18.4643	14.6931	17.6673	17.0204	14.0214	17.5922
0.0923817	0.418909	0.323811	0.357563	0.262591	0.299514
0.17468	0.250135	0.141295	0.253536	0	0
29.6411	16.7679	23.6375	20.2461	22.9966	20.725
24.1735	28.5312	26.1602	24.3089	24.24	20.864
0.233932	0.117864	0.182214	0.106891	0.221647	0.161519
32.3583	29.3888	26.7596	32.0351	22.0792	31.4772
88.1638	89.7562	97.1271	94.8416	104.01	84.6882
15.0905	11.8079	14.1778	13.354	12.5958	12.7746
0	0	0	0.040374	0	0
34.516	28.1212	34.7631	33.7208	31.684	32.7982
0.290431	0.415886	0.0939694	0.337233	0.135088	0.0941615
0.948809	0.630805	0.745544	0.541017	0.388781	0.461425
1.96222	1.92153	1.09454	1.37492	1.9144	1.8371
0.106037	0.121179	0.092287	0.178115	0.118396	0.224136
1.00385	1.43747	0.811993	0.364256	0	1.62731
0.918708	0.748505	1.25562	1.17251	0.245585	0.718966
0	0	0	0	0	0
0.88571	0.951793	1.4683	1.31734	1.14442	0.957513
1.40778	0.465204	1.13872	1.49318	0.251846	1.14105
0	0	0	0	0	0
4.38384	2.97022	2.45126	2.74372	1.6878	2.06279
10.2683	9.37219	10.4786	9.76887	9.93729	11.7986
17.1718	20.0803	16.7631	17.9021	16.5553	17.8748
10.6675	8.22961	13.2983	7.54879	8.9783	10.7615
14.4755	13.5437	14.0231	15.9591	15.6904	14.1556

13.232	9.34945	11.9685	10.1389	11.3357	11.5703
5.3649	4.68277	5.09533	5.24953	4.55616	5.88748
0	0	0	0	0	0
0.107477	0.153813	0.108566	0.136345	0.0832335	0.152315
0.417569	0.254745	0.551885	0.172139	0.13791	0.288386
0.603147	0.37015	0.139392	0.250123	0.534364	0.768226
0	0	0	0	0	0
6.04322	4.60868	5.66087	5.76672	5.65349	6.3354
1.21968	0.983579	0.67061	1.01714	0.486077	0.474728
54.6776	43.2812	48.0533	47.4274	64.3542	40.8246
1.16457	0.357638	1.25609	1.28792	0.473146	0.69689
13.0818	11.2288	12.6959	11.7919	14.6127	10.6236
19.2288	18.4376	20.5766	18.0635	18.1022	18.7577
50.906	49.9064	51.7734	56.0062	44.8612	49.2431
2.43997	3.20865	3.13669	1.96607	2.5417	2.7439
0	0	0	0	0	0
0	0	0	0	0	0
387.063	340.001	327.695	296.635	479.068	165.821
0	0	0	0	0	0
0.216496	0.26238	0.281685	0.157115	0.352215	0.262749
0.749776	0.536811	0.393888	0.499236	0.227695	0.407223
10.8054	6.96648	9.48821	8.55797	8.37713	9.50569
8.10424	6.62666	8.20734	8.47513	8.62139	8.7433
206.31	362.886	290.962	281.063	184.067	244.259
0.910221	1.04839	1.56855	0.890326	0.352809	0.721727
131.703	130.697	151.559	144.591	168.837	115.113
0	0	0	0	0	0
6.36248	5.47731	5.7331	5.79765	5.26841	6.09631
7.51295	7.52886	7.39987	7.05826	6.73805	7.51656
42.1886	39.7475	42.0654	41.9864	35.9221	39.0603
2.84503	4.94697	3.94507	2.6546	3.46581	2.97515
0	0	0	0	0	0
3.21618	2.84075	2.69876	3.22112	2.89712	3.47577
31.389	37.0929	40.6965	39.9564	35.7618	35.3555
46.6594	40.2737	41.847	49.3924	51.1791	46.2503
0.906146	0.53176	1.33921	0.70412	0.962833	0.898442
16.325	20.7127	17.3264	20.0213	11.8238	16.8728
3.4481	2.93167	3.83501	3.46028	4.42719	4.21404
0.307879	1.10218	0.697303	0.714986	0.716017	0.64882
0.0869763	0	0.140707	0.252481	0.337127	0.211492
20.8667	15.1587	18.6184	16.051	18.2595	17.0305
3.82214	2.9076	2.75791	2.64284	2.91759	3.33565
0	0	0	0	0	0

0	0	0	0	0	0
11.3747	10.0396	10.4633	11.0022	9.20557	10.7993
6.13828	4.60436	7.85328	4.71243	8.708	4.8401
29.7357	25.638	25.6207	26.4626	28.5326	25.1416
31.2841	32.4627	34.1364	29.4295	25.1454	37.0042
2.48978	0.625486	0.9893	1.07779	0.981989	1.91184
11.0973	7.84814	13.263	9.97098	8.82515	12.5192
0.391544	0.254853	0.14396	0.452058	0.331125	0.360636
36.6441	36.072	35.836	35.7977	37.6673	39.8106
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
15.4917	13.0317	13.3489	14.6766	14.4738	14.5478
12.458	13.4869	15.1563	16.2614	8.37034	7.80939
2.94675	5.53059	5.39195	4.85836	4.21388	4.75369
4.4401	3.77309	3.13522	3.37095	4.7257	3.90857
0	0	0	0	0	0
0.0556206	0	0	0	0.043122	0
1.22539	1.14188	1.0829	1.40566	1.23635	1.49586
182.743	191.538	161.199	169.188	156.866	143.036
0.479326	0.739174	0.208771	0.294339	0.257248	0.717249
2.8091	7.75773	3.63556	3.96074	2.86207	6.4403
0	0	0	0	0	0
0.346408	0.159443	0.0800579	0.251395	0.210997	0.0802216
0.0280652	0	0.0227014	0.0203674	0	0
54.1898	41.3715	46.9595	48.8128	52.2475	46.8823
0.886318	0.592352	0.767084	0.692751	0.618227	1.06773
0.152043	0.0544299	0.15373	0.11034	0.0883995	0.338898
8.32666	9.53593	7.41736	5.94912	3.65619	5.56868
5.36182	3.91398	4.48899	3.00961	5.22308	3.90457
0.589219	0.562493	0.317738	0.285071	0.456772	0.716373
13.54	11.3101	11.8214	13.2576	13.3704	8.71001
1.61098	2.16268	2.28041	2.33823	2.02939	2.12185
0.27589	0.040401	0.029342	0.114661	0.0437435	0.0130675
0	0.0787644	0.118645	0.0798355	0	0
0	0	0	0	0	0
15.9512	14.0607	15.442	13.7618	12.7074	15.7969
1.75531	2.44964	2.21398	2.80681	2.44473	3.42422
0.585893	0.419488	0.236959	0.212597	0.264946	0.237443
0.473095	0.118717	0.133937	0.274667	0.146853	0.143797
0	0	0	0	0	0
31.96	32.0302	31.2807	33.6897	31.3666	26.0284
0	0	0.398048	0	0	0



1.67595	0.95996	1.26527	2.1082	1.81891	1.53954
0	0	0	0	0	0
9.46986	11.0547	10.1578	11.9521	17.555	7.67564
17.4764	17.6582	16.03	17.7798	16.8822	17.6072
0.505283	1.80886	0.408713	1.10008	0.391703	0.409549
16.0381	12.8153	14.541	15.1132	13.9148	16.0509
0	0	0	0	0	0
2.51199	1.81125	2.18722	2.04827	2.40249	2.0924
29.3077	31.3746	28.8335	28.487	21.9694	22.2245
5.70668	4.18107	1.16968	2.12351	1.00402	3.31762
0.420727	0.254889	0.353406	0.234868	0.489231	0.354129
2.03155	1.38843	1.79267	1.67538	1.64647	1.69654
0.0740755	0.0530367	0.0898773	0.107516	0.172273	0.0900611
0	0.626354	0	0.634872	0	0
104.085	123.656	126.661	120.491	128.531	110.869
3.17865	3.62309	4.1438	4.46639	3.29425	3.93663
8.53713	6.79465	9.11656	8.17658	7.00923	10.2569
0	0	0	0	0.260667	0.272542
128.516	98.3506	98.7805	106.826	102.887	107.896
0.702579	0.679095	0.880868	0.803052	0.748894	1.29553
0	0	0	0	0	0
7.67629	5.49768	6.81961	6.52462	6.23923	7.46903
0.172401	0.0822905	0.108462	0.0834096	0.0742488	0.0621052
33.3972	33.7644	38.6101	39.1544	31.5357	40.4821
0	0	0	0	0	0
89.6474	76.8095	91.7042	87.8269	106.48	76.8128
124.754	163.993	134.179	82.7845	68.9318	155.913
1250.13	1783.88	1627.76	1571.51	1191.59	2760.12
3.51172	2.98734	3.31047	3.21002	2.89904	3.09093
1.71789	0.896619	1.07789	1.00202	1.82958	1.74376
5.44835	5.06065	4.60558	7.62296	9.47466	8.31494
3.92514	3.30731	3.87012	3.83205	3.23501	4.2866
0.234331	0.50333	0.13539	0.340117	0.103804	0.1628
4.47888	2.73506	4.79472	4.39736	4.0846	4.27086
4.96203	3.36925	3.57683	4.70144	1.54115	2.62326
0.24958	0.178694	0.378525	0.249046	0.217663	0.177006
7.17137	7.65133	6.73239	6.69904	5.9748	6.0218
3.26753	1.77958	3.02706	2.31051	2.03506	2.82949
0.121149	0.173389	0.394279	0.176243	0.0950461	0.0985192
15.4313	13.9597	16.3265	16.2896	9.89171	13.964
0	0.00532713	0	0	0.0173036	0.00603063
0.332756	0.277298	0.379547	0.380369	0.47008	0.447039
0.235304	0.322907	0.0634442	0.128073	0.532033	0.158935

11.2561	11.2562	12.2578	12.3027	10.5807	13.2179
25.6449	23.3269	22.6005	26.5528	21.2633	24.0377
3.75569	3.20226	3.2522	2.73688	2.56113	2.82939
5.81513	5.31898	5.6991	6.19266	3.13679	5.68252
16.6073	14.8629	16.2941	15.3126	17.3014	11.4043
3.1823	1.6722	1.97407	2.40517	3.58261	2.07144
1.53367	2.91865	2.28523	1.99171	1.90854	1.93006
0.56663	0.599725	0.318842	0.554244	0.706636	0.619019
0	0	0.076483	0	0	0
6.27311	5.62135	7.59533	7.35846	6.33109	4.8927
1.8764	1.89922	1.88245	1.63525	2.05988	2.29067
0	0	0	0	0.0185908	0.019538
0	0	0	0	0	0
0.998608	0.260165	6.00675	5.41554	4.57444	15.4229
12.1855	8.8871	10.8877	11.2209	11.8969	11.3713
1.52849	1.07134	1.55807	1.40939	1.93743	1.80622
0.319737	0.139899	0.129314	0.180475	0.0688515	0.0863859
0.963036	1.22914	0.406425	0.303866	0.227214	0.237566
0.418549	0.27243	0.369334	0.276135	0.383459	0.246726
0.924231	0.949441	0.910112	0.816542	1.71332	0.879402
15.7353	10.5859	13.9954	13.0646	14.1365	14.7536
2.38377	1.95055	2.59386	2.01827	3.03589	2.59917
0.172225	0.534342	0.325055	0.458285	0.356031	0.372251
2.54971	1.92054	1.36589	1.65894	1.28448	1.53107
0.0320094	0	0	0	0	0
15.7741	15.8606	15.5683	17.1767	13.6836	15.8421
0.613852	0.492247	0.516394	0.28511	0.342625	0.457744
1.64866	1.55961	1.61916	1.06835	1.05	1.36012
0.179587	0.349005	0.10376	0.24204	0.198884	0.270328
0.462685	0.368082	0.374256	0.485014	0.717361	0.416691
0	0	0	0	0	0
27.173	32.1947	34.0709	46.6863	37.2975	41.8419
0	0	0.0784945	0	0	0
4.72207	4.90778	4.06602	2.32144	2.71595	3.58047
76.9422	85.5406	85.3456	88.3568	91.5044	97.0779
5.16654	3.9322	4.49285	4.92043	4.6428	4.94217
0.255729	0.248422	0.496948	0.485386	0.289305	0.339237
1.81264	0.959619	1.45115	1.41624	1.6225	0.576603
23.0117	23.3307	20.5862	22.3828	20.2458	17.5158
190.644	132.286	118.077	143.92	128.519	173.914
0	0	0	0	0	0
15.2726	12.8412	15.3671	15.3461	13.6658	14.871
11.8178	11.8214	12.8393	10.2364	13.0165	11.9518

0.440274	1.25781	0.728921	0.333062	1.1031	0.71273
17.3344	18.7847	16.8904	16.6049	14.3814	16.8545
55.931	60.9442	58.3639	61.479	58.8705	55.7422
0	0	0	0	0	0
49.0504	53.3196	52.6357	48.2635	59.4656	44.5453
4.89534	3.50766	3.56402	3.59626	4.31529	2.56413
12.5279	9.67789	10.9003	10.4375	8.7694	10.0875
3.33475	3.76392	2.48959	3.44272	3.08186	3.7413
52.3177	49.9214	47.4101	45.7837	50.7259	55.2774
0	1.85696	0.635553	2.83103	0.678864	3.13194
103.594	120.98	82.2687	92.9303	81.906	77.3952
113.611	118.672	126.788	115.199	113.942	126.658
13.1661	14.459	29.2538	31.6102	54.5376	16.1278
0.201976	0.32067	0.415001	0.189601	0.164442	0.178673
80.7503	84.0011	69.8496	78.8002	82.6383	69.9955
2.57572	1.31033	2.13827	2.77927	2.23319	3.07662
0.976114	0.228265	0.586428	0.624711	0.495063	0.185719
1.67996	2.13085	1.82479	1.77651	1.26512	1.36166
0	0	0	0	0	0
2.71515	2.01221	2.35035	2.83466	2.19714	2.85708
0.0550657	0	0.0445415	0	0.0426878	0
1.71414	1.77682	2.44195	2.56223	2.47915	2.61283
9.33159	7.7235	8.16456	9.17659	8.4253	8.05486
3.31241	3.41883	4.38438	5.24482	4.96892	6.24139
3.2389	4.63756	5.26065	6.46452	3.83363	3.18144
0.0269186	0.0385464	0	0.0195353	0	0.0436369
13.5111	11.128	11.5257	12.0743	12.9332	9.82275
2.70411	3.14564	2.89165	2.81261	2.98268	2.58954
21.7801	15.964	18.3984	19.3552	18.9257	21.4659
5.56445	4.00158	3.7769	3.32836	3.47084	3.95487
30.9568	30.5485	30.9221	30.7513	24.9178	28.5532
8.17304	7.17595	8.72655	9.02571	8.22865	8.05511
31.8808	29.9301	31.4979	32.6744	31.448	28.0818
122.83	120.979	119.248	106.637	125.707	135.384
5.74114	6.46748	6.04544	6.22048	5.53968	4.66884
10.0744	9.03388	9.7577	11.1679	8.61864	10.0155
0.676205	0.220068	0.348071	0.446122	0.142965	0.149478
17.7887	14.7282	17.9343	17.0376	15.413	17.3284
1.39558	0.974279	1.25821	1.41884	1.71358	1.50423
13.8005	13.061	13.0848	12.8375	9.83372	11.956
2.34469	2.8826	2.15853	1.41152	1.20327	1.95221
0	0	0	0.00755054	0.016131	0
0	0	0	0	0	0

6.7259	4.63305	6.06631	4.98079	3.91117	5.3405
85.2974	95.5509	97.1133	88.5826	89.1895	74.785
0	0.023424	0	0.0155406	0.14756	0.014464
0.673837	1.10699	0.20869	1.28086	0.324488	0.690683
0	0	0	0	0	0
2.93241	3.10711	3.01608	2.11893	2.17527	3.97503
0	0	0	0	0	0
30.2979	31.9137	28.7063	30.3916	21.9397	25.0834
0	1.21E-07	0	0	6.27E-08	0
0.0343165	0	0	0	0	0.0278147
1.57551	1.10404	1.92516	1.94617	1.22136	1.65739
0.256675	0.205038	0.171586	0.266941	0.0296001	0.139269
63.6463	65.9763	65.7545	67.4411	64.7815	61.9181
15.4964	21.5643	11.9628	11.7505	14.9493	19.7842
7.82012	5.01872	6.59124	6.23213	8.14638	8.58252
13.7515	17.8602	21.5197	17.7465	18.2465	19.9524
27.1802	26.2957	20.4519	20.3685	17.0536	20.9979
9.53609	7.00466	9.09481	7.80083	12.0196	7.3858
17.516	16.4094	15.4766	18.081	16.5398	14.5878
0	0	0	0	0	0
0.520377	0.45326	0.275352	0.41035	0.438338	0.440044
3.57152	1.75309	3.27046	2.47782	3.23882	3.84151
1.97707	1.13947	1.60293	1.44729	1.97479	1.05821
0	0	0	0	0	0
7.19299	9.90774	7.44477	8.30542	10.3238	7.03979
2.12E-05	2.81E-05	0.00013159	1.99E-05	0.0006101	2.52E-09
9.40602	7.88771	9.27592	8.97682	8.49033	8.40718
10.5364	15.2916	14.12	11.759	13.5103	13.9411
0.0234951	0	0	0	0	0
8.68316	10.1314	7.28377	8.16865	7.47925	9.90533
48.2783	56.0902	52.7785	51.8178	52.0733	48.9028
3.54399	3.8499	3.50919	4.05746	3.36315	3.88781
0	0	0	0	0	0
19.4333	15.7357	18.7719	20.3243	20.0293	19.3224
17.5412	13.4789	16.2238	18.371	15.7459	17.3591
0	0	0	0	0	0
0.609186	0.40273	0.378794	0.255942	0.381772	0.323584
0	0	0	0	0	0
14.0996	15.8568	13.2348	15.3174	16.8419	17.6119
4.46132	3.08727	7.04967	6.53258	7.4467	5.07981
40.1573	37.2429	43.2149	44.0078	34.6603	42.1295
0	0.201308	0	0	0	0
0.353845	0.175393	0.286218	0.286421	0.348157	0.264741

0.365436	0.17443	0.164219	0.20627	0.220338	0.394931
9.79794	6.79101	8.12792	9.31413	8.00805	8.11916
0	0.0499176	0.0565932	0.241748	2.12E-145	0.0552178
7.41815	7.05221	7.95187	7.88567	6.86988	6.25902
33.1678	27.5125	30.967	33.9711	35.6284	28.8644
1.08417	0.631904	1.4432	1.92655	1.35275	1.38189
8.97337	10.2961	9.02645	9.76821	9.00751	11.4693
0	0.156499	0.044201	0.158627	0.0423614	0
92.8051	104.214	93.8763	99.0609	96.2575	85.2995
0.813237	1.10511	0.899456	1.31285	0.90062	1.37212
9.67453	9.43773	7.82553	6.53829	6.84361	6.86134
0.0211168	0.0167992	0	0	0	0
4.29465	4.43146	5.87491	6.00425	6.31585	6.19417
110.669	122.245	135.794	108.115	109.309	119.346
7.87658	8.56463	8.68306	9.20575	8.42356	8.19078
17.1631	25.4318	18.3496	11.5891	11.801	12.7016
0	0.0546136	0	0.110713	0.029566	0
1.51429	0.701543	0.648466	1.0343	0.89769	1.15518
1.66E-19	3.83E-20	0.0352725	1.19E-23	0.0254818	8.34E-41
2.88674	2.81177	2.26118	1.87276	2.25301	2.21192
0.169407	0.212261	0.376832	0.276619	0.328317	0.205965
0	0	0	0	0	0
0	0.0711983	0.0714987	0.0160368	0.0171306	0.017911
11.1887	8.20004	10.6345	10.7509	11.2936	11.0022
58.3161	62.872	58.9455	57.4951	57.313	43.5726
0	0	0	0	0	0
1.27142	1.24134	1.02843	0.922694	1.16483	0.843161
164.777	158.444	193.982	184.471	192.296	175.882
43.1895	43.5413	44.4067	39.2181	39.7115	37.3454
9.04279	6.21617	7.04218	7.87153	7.21519	8.10922
24.4197	26.1673	25.7174	22.9204	24.7873	25.6798
15.0933	15.897	14.7386	11.2281	10.9284	14.3586
0	0	0	0	0	0
26.1659	25.8489	24.2684	24.7804	26.5003	18.2541
2.00442	1.79025	2.27927	1.44418	1.67991	1.25556
14.4357	15.1893	13.3414	14.3856	11.05	13.7611
15.4947	13.1711	13.7114	13.8426	14.9228	14.9911
0.141161	0.0577537	0.114183	0.146348	0.0156329	0.0326903
1.16476	1.04591	0.86494	0.905352	1.39697	0.890396
0	0	0	0	0	0
0.32637	0.521275	0.609218	0.491925	0.350318	0.468022
89.8811	86.9211	99.5744	107.332	103.829	106.107
0	0	0	0.0275283	0	0

56.7314	64.4857	55.0859	58.724	66.3648	50.5293
2.29425	2.94833	2.6647	2.13459	1.82414	2.33638
0.230891	0.74391	0.280144	0.209452	0.402727	0.280717
6.39115	6.19098	5.47377	5.94777	4.48821	6.76479
0.0754205	0	0	0	0.0584672	0
0	0.0312232	0.0265245	0	0.0169032	0.110459
23.3346	13.7416	16.7529	28.4578	16.3768	18.8016
92.2824	85.5706	88.6605	71.6599	87.945	72.7333
6.57173	5.27282	5.39118	4.96968	3.08113	4.52652
9.75918	10.466	12.7473	12.602	10.0276	10.0665
14.7741	19.2183	22.7572	21.6525	16.9192	19.5931
11.7297	9.67424	11.1273	12.0882	9.91476	11.4239
4.27912	3.8603	5.56714	4.51234	3.75158	5.80973
0.79389	0.236838	0.214054	0.28807	0.41029	0.589852
8.54926	10.5168	7.64244	6.30151	6.01963	9.05326
1.55878	1.60395	1.07718	0.919349	1.08264	0.869073
14.5946	12.9374	15.0337	13.3007	13.7461	14.2436
345.347	349.011	373.777	383.699	430.718	296.016
5.14612	3.8703	5.31692	3.53587	7.39761	1.9395
0	23.6619	0	71.9512	25.6195	0
10.0049	8.69364	10.8516	9.66995	10.7702	11.8322
0	0	0	0	0	0
14.011	11.768	15.0814	13.5307	10.7587	13.0452
23.4453	18.9559	19.9576	24.7017	24.8388	18.6951
0	0.322998	0	0.218095	0	0.243837
1.80476	1.68545	1.84066	2.44866	2.25069	1.65362
0	0	0	0	0	0
4.22379	4.14421	6.64328	4.65469	5.21471	6.02287
12.0411	10.3347	10.5565	9.09123	12.1753	10.8812
9.97552	11.815	11.8213	10.723	10.23	12.5496
14.7624	15.2463	8.60038	5.90935	6.47135	5.60287
0.535118	0.554537	0.467018	0.705152	0.392999	0.308177
9.18212	6.95943	7.25316	12.0258	9.45376	7.99478
43.3898	33.6992	37.0571	42.1056	41.6338	39.9881
3.59039	3.05258	5.58361	4.36719	3.18818	3.43582
10.9139	8.97017	9.87034	10.0386	10.8436	10.6581
0.189628	0.316797	0.276095	0.192663	0.274405	0.1537
0.534644	0.233737	0.360338	0.32313	0.253993	0.385235
0	0	0	0	0	0
0	0	0	0	0	0
4.71583	3.49026	3.92169	4.22988	3.18341	3.34991
9.46994	10.6472	11.1908	12.1343	11.9295	10.794
7.23091	9.80861	8.54839	8.51341	7.40486	6.67826

0	0	0	0	0	0
0.57908	0.48962	0.535445	0.648467	0.71826	0.71264
338.577	291.137	310.778	314.882	368.079	236.086
14.4577	14.472	14.4172	16.0864	17.7919	15.1534
0	0	0	0	0	0
206.007	330.198	189.739	191.068	196.551	207.069
8.15558	7.19148	4.80878	6.51051	7.43706	4.69684
0.145232	0	0.0751842	0.134909	0.0270207	0.0211888
56.2756	46.394	54.1926	53.7339	47.2027	51.3193
8.67847	6.12691	9.65364	8.23149	6.84243	5.26746
0.681936	0.403674	0.36484	0.49879	0.428745	0.58755
8.38138	11.18	9.31966	8.66012	8.57922	7.98706
0	0	0	0	0	0
25.795	22.6884	25.5358	25.9123	32.5183	23.4366
4.2725	4.05294	3.88013	4.14164	2.42729	3.25048
0.614029	0.457589	0.641574	0.6595	0.371585	0.332902
8.19768	9.23094	8.07769	8.03143	7.5393	6.79551
0.924093	0.620281	0.467175	0.482016	0.537278	0.749008
6.918	6.86002	4.21567	7.42732	6.90702	2.62155
2.44644	1.93093	1.75257	2.23739	1.77117	2.49973
16.4215	19.3258	14.5916	18.6365	16.6981	12.4204
0.549215	0.504518	0.461013	0.210568	0.498059	0.369565
0	0	0	0	0	0
10.2403	8.62122	10.0654	9.24617	9.16716	10.4546
0.119728	0.150016	0.0726343	0.130333	0.139223	0.169827
0.0824896	0.0885914	0.0667241	0.119728	0.111908	0.183867
0.742546	0.735887	0.999481	0.737282	0.866266	0.917797
97.1052	99.6811	92.0318	100.798	107.729	112.608
5.42134	5.85682	5.57882	4.05077	4.97362	4.18617
7.9406	9.86645	7.02784	7.70074	7.94993	4.38695
0.416709	0.358027	0.269654	0.486022	0.193824	0.47286
36.0005	31.5067	37.2164	37.3562	35.8408	36.5188
0.318332	0.151946	0.0858308	0.154013	0.246776	0.172013
0.0714744	0.102349	0.0385428	0.0172901	0.0184694	0.0193108
2.15185	1.60671	1.666	1.81817	1.7515	1.80531
14.1207	14.0081	13.5022	14.6116	12.1539	13.815
1.57156	1.37526	1.44776	1.17219	0.947566	0.990737
56.4154	55.6196	68.2153	55.994	45.6159	54.692
0.0665753	0	0.0538514	0.0483149	0.0516102	0.0539615
75.4429	85.1468	84.8708	79.727	75.0144	71.2959
0	0	0.0810525	0	0.155358	0
4.78248	2.65336	4.40434	4.89809	3.61116	5.20205
5.06053	4.19319	4.10486	3.21861	3.07449	3.90586

17.1386	20.8795	11.2098	18.939	18.9033	19.551
0	0	0	0	0	0
19.4217	19.1417	18.4025	19.5648	18.3587	24.9969
13.3144	9.011	11.4853	11.5482	13.5363	12.5415
1.40414	1.20641	0.908628	1.04813	0.964113	0.585312
1.38889	0.904018	0.919183	0.916312	1.27245	0.921062
30.0536	30.3462	31.3395	29.6053	37.5786	27.719
118.249	112.885	31.8831	85.8154	30.5561	95.8448
5.4356	5.04258	5.20045	4.06136	4.7688	5.03344
7.65365	8.11678	7.02084	6.22486	6.25399	7.41882
62.8896	54.7352	61.0399	66.5174	72.6649	65.7274
37.5483	37.5516	33.5013	35.6532	33.5502	35.7208
0	0	0	0.0109321	0	0.0244194
0	0	0	0	0	0
49.7197	45.1787	50.4238	48.5662	43.2589	47.5459
15.8999	14.3887	15.5966	13.5427	12.7387	12.6866
873.544	1106.47	989.158	848.297	994.979	874.967
0	0	0	0	0	0
0	0	0	0	0.0159156	0
33.7466	31.3484	36.485	37.2252	34.5551	33.985
3.06041	2.01644	2.95644	2.7851	1.72235	2.76971
0.062251	0	0	0	0	0.0504565
11.6276	8.89528	6.46586	7.95686	6.21884	6.25335
0	0	0	0	0	0
28.8234	28.5745	23.35	23.4276	17.9874	20.8028
439.288	332.691	370.464	364.339	442.397	413.708
24.4002	36.1649	41.0139	31.1289	36.1044	28.3578
0	0.0154558	0	0	0	0
1.62994	2.02062	2.15513	2.26325	1.6539	2.03644
47.1721	54.1692	52.3471	57.622	58.9933	49.5681
0	0	0	0	0	0
6.05212	4.41247	5.7014	6.13292	6.1221	5.54854
11.4131	11.9387	11.8292	11.5957	10.767	8.9057
0.011259	0	0	0	0	0
39.7039	42.3899	28.3304	31.8995	27.0494	25.4731
193.185	339.567	254.369	138.595	140.507	277.838
0.156047	0.558795	0.694229	0.320865	0.201617	0.590248
0.101583	0	0	0.147441	0	0.164672
2.11697	0.948414	2.53886	1.44045	1.79244	2.2961
5.37175	2.70112	5.50395	4.93589	6.20954	0.974017
44.6822	31.9916	0	97.2801	0	0
19.2958	20.33	26.0556	30.6505	26.9171	27.1897
0.214255	0	0.0866532	0.0388722	0.0830469	0.238784



7.58429	6.56328	6.15893	8.1694	6.57388	7.30902
0	0.0158647	0	0	0.0171772	0
0.482778	0.306985	0.238534	0.194649	0.332358	0.434915
0.146241	0.139609	0.133079	0.0265322	0.177139	0.213362
2.65667	1.95153	1.90334	1.57745	1.93111	2.19806
0.089835	0.514561	0.217997	0.391169	0.48749	0.436886
0	0	0	0	0	0
21.9958	17.4239	21.2083	18.4675	18.1852	17.1834
10.0653	8.4438	7.7275	8.46156	7.78094	10.0304
0.210406	0	0	0.305391	0	0.170541
2.50339	2.76232	2.459	1.65098	1.6833	2.56296
0	0	0	0	0	0
1.64444	1.64444	1.20288	1.20288	0.532128	0.532128
5.3842	3.44153	4.99331	4.68063	5.59884	4.73983
44.3254	39.981	42.729	41.188	43.5721	34.6679
4.0567	2.98595	2.63737	2.88899	1.93979	2.95006
0	0.0591369	0.0668099	0.0599411	0	0
0	0	0	0	0	0
0.128186	0.0743742	0.106607	0.0951338	0.0514138	0.0798978
58.1595	56.2239	54.8955	60.2673	59.3923	57.2042
2.18656	2.09157	1.82811	2.24015	1.75203	1.83185
1.65859	4.03756	2.95152	2.49947	2.82868	0.995808
0.129214	0.208159	0.130649	0.164103	0.175296	0.0785495
0.0268501	0.0192241	0	0.0194856	0	0
0	0	0	0	0	0
0.216377	0.167306	0.0933211	0.167712	0.408661	0.0560662
0	0	0	0	0	0.164714
3.65588	2.55124	3.26479	2.79168	2.48944	3.01425
0.0895335	0.256417	0.144844	0.16244	0	0.036285
0	0.0150673	0	0	0	0.0426427
3.37751	3.2106	3.82782	3.30405	3.23955	3.15585
0	0	0	0	0	0
17.3906	21.2076	10.6943	14.7372	6.18991	12.2365
19.3182	16.0436	16.2195	17.2136	20.0988	15.1123
1.04482	1.34652	1.18318	0.758241	1.8359	1.24206
0.59306	0.902317	0.41975	0.430395	0.344812	0.540782
0	0	0	0	0	0
0.309292	0.238235	0.156073	0.154315	0.109894	0.229801
0.205184	0.0326461	0	0	0.0353469	0.170643
0.529556	1.1231	0.693281	0.397002	0.470078	0.458187
0	0	0	0	0	0
24.9674	14.6861	23.8848	21.9363	23.7127	26.0918
0	0	0	0	0	0

0	0	0	0	0	0
4.75665	3.87914	3.6169	3.61304	2.69015	2.90558
8.10998	8.35375	6.63042	8.30043	7.10671	7.7868
8.83781	6.40889	7.54622	7.70373	8.16598	7.81587
10.164	11.0306	7.8706	6.29506	5.29182	8.60506
0	0.0482764	0	0.0978658	0.0522704	0
0.675047	0.491197	0.546031	0.325143	0.293051	0.556064
0	0	0	0	0	0
0.132407	0.189602	0.0749709	0.067263	0.0513219	0.139516
0.487837	0.395413	0.68859	0.362862	0.465943	0.608776
18.6789	16.4968	18.5611	18.5705	19.2895	17.7615
10.6816	11.6311	12.1322	10.7557	12.4071	11.919
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
13.4439	9.59425	9.16846	10.8818	8.80779	10.9337
2.01483	2.96385	2.54834	2.39269	1.95951	1.95971
82.1932	73.1645	74.8245	86.014	93.3062	83.9627
15.6021	27.5892	28.1577	22.1639	24.6105	24.1792
59.0332	60.8738	56.2612	55.8146	57.5074	60.3851
10.6184	9.48157	11.0919	9.37457	10.2018	8.88126
30.2478	29.565	30.9067	30.6994	29.3596	27.6752
0.0739642	0.158871	0.119656	0.0536771	0.0860072	0.149876
28.1179	28.12	41.9502	30.5762	34.5216	36.1647
0.958286	0.686463	1.25191	0.78449	0.900636	0.878246
0	0	0	0	0	0
26.3785	30.1003	27.8715	33.3812	36.2331	32.405
0.302555	0.505455	0.163154	0.365949	0.195454	0.326975
0	0	0	0.0292412	0	0
1.13772	0.876681	0.566344	0.463103	0.320575	0.436391
0.172576	0.556026	0.488577	0.626209	0.234122	0.454606
30.4713	23.671	25.9303	28.0481	23.2079	24.7538
14.0644	11.1919	14.7243	15.6601	14.8903	17.4252
33.1631	39.1779	37.4357	34.8037	34.0924	36.7806
0.978587	1.63485	0.659633	1.42036	1.51723	2.77612
6.36411	7.60313	7.15304	7.84079	6.05002	6.17799
3.81304	1.93751	2.0869	2.79875	2.93192	3.20514
0.577038	0.620662	0.706079	0.621295	0.647146	0.756058
3.30401	2.88309	2.38024	1.19889	1.76091	2.0922
18.1406	25.0732	24.9239	24.1167	28.9003	19.1786
0.0157856	0.0923011	0.0766118	0.0687353	0.0122372	0.051179
2.69645	1.58323	2.07437	2.04715	1.46638	2.18251
2.75238	1.54837	1.55049	2.99618	3.58154	0.876423

17.8219	13.0778	13.9402	16.4426	16.2447	16.3013
0	0	0.081384	0.0730168	0.0779969	0
7.1076	6.61312	5.80474	6.05517	4.64484	6.09491
1.50526	3.26586	1.12089	1.49822	0.374814	1.16903
63.6748	76.6282	63.2149	70.2812	72.9801	67.9889
9.07304	8.85594	10.3794	9.62139	10.0767	10.2356
21.4835	20.759	24.2888	22.5054	23.3735	21.921
17.1759	19.3987	20.4964	13.5893	27.5349	14.7861
18.8795	15.7082	19.2372	19.4678	19.9349	21.1627
5.88458	5.15699	8.55391	7.09946	7.24853	6.21442
34.973	31.0267	34.0566	31.6621	35.3627	39.4344
1.60238	2.59199	1.77618	1.63664	1.88629	2.40515
28.701	33.036	26.0756	31.456	27.1726	17.8158
0	0	0	0	0	0
6.28903	5.68482	6.61319	6.98872	5.91136	5.32048
35.9301	33.0253	36.6713	38.198	39.7533	33.6053
0.444136	0.520352	0.326593	0.571381	0.422551	0.359987
0	0	0	0	0	0
12.6845	10.3058	12.655	11.5247	12.0899	10.9037
3.75333	3.02003	3.78777	3.60587	3.65784	4.4619
15.5288	15.8307	16.7611	13.9817	12.4611	12.1039
1.73554	1.41153	0.872582	1.02107	1.7452	1.93885
3.48462	2.38021	2.85104	3.2846	3.72597	2.66208
0	0	0	0	0	0
0.0376922	0	0	0.0364719	0	0.0611016
8.28487	5.05497	8.20732	8.09418	5.68748	7.97108
2.07545	1.56056	2.74071	1.26617	1.50004	1.7751
15.9651	19.1741	16.4131	17.6409	17.5666	24.7117
8.25302	10.3572	6.68801	5.03582	5.04318	6.79517
0	0	0	0	0	0
2.20509	2.03909	1.78928	2.60579	1.81861	1.86121
10.8891	7.2493	6.55192	7.4588	12.1734	5.35754
0.116676	0.150367	0.151002	0.237086	0.307526	0.0567417
3.63739	3.84984	2.49875	2.11178	2.1659	2.37567
20.5754	15.6763	18.1272	19.1661	18.9071	17.429
53.6714	63.7149	46.7405	34.2494	34.0746	43.7525
9.05624	8.3127	5.53387	7.21955	7.53246	7.21493
7.00523	7.21736	4.7721	8.11641	3.81948	5.97083
11.5259	8.96926	11.8227	11.1841	9.00645	9.57149
4.89194	2.33078	2.33103	3.29197	6.17801	5.11856
0.421469	0.241411	0.0681836	0.244694	0.196038	0
0	0	0	0	0	0
16.473	18.0126	17.8299	16.1338	17.9294	21.1182

19.7117	22.319	22.2659	20.3173	18.1555	20.3061
51.1179	43.8594	45.1506	52.8506	41.3064	42.5898
0.229991	0.123502	0.0930176	0	0.13372	0
41.3047	30.6506	36.126	39.7534	36.2226	39.6439
15.1216	9.37474	9.03563	12.0298	10.5403	12.2253
6.31463	5.53452	7.33876	6.92664	6.97707	6.61839
1.85433	1.48572	1.32137	1.4098	0.924111	0.894642
7.10205	5.12033	6.63774	6.49343	7.06406	6.23727
9.64018	8.81741	10.2492	9.60202	9.72505	9.72369
0.138688	0.0999153	0.0740265	0.0165254	0.0702304	0.0562752
0.575106	0.839462	0.697037	0.573352	0.42733	0.717832
7.50332	4.1563	6.39721	5.61579	6.16932	7.40451
6.83602	5.95574	5.82927	5.27242	5.14064	5.38274
7.08322	6.35125	7.02668	7.29839	5.87952	6.52651
1.14871	0.738103	1.78687	0.534386	4.29267	1.2653
5.06814	3.83651	4.94409	4.61501	4.5427	6.06676
7.8751	8.30967	7.36391	6.9554	5.4208	7.56004
60.9329	62.7653	58.9065	65.7828	55.0408	51.6486
114.969	114.938	124.529	122.585	130.822	121.976
0	0	0	0	0	0
3.00703	3.17139	2.45251	2.42674	4.08183	1.71926
22.0743	18.5995	21.0244	20.3306	23.2461	19.6015
11.1205	8.74811	9.96913	13.956	10.3367	11.0229
0.94891	1.27184	0.765983	0.942952	1.01	0.775821
27.0207	22.3558	22.9494	23.3678	26.7072	20.2586
0.149324	0.0341547	5.55E-22	0.0447915	0.108083	0.12585
33.0497	36.6661	39.5922	40.1598	40.674	37.062
28.8697	44.2584	46.1386	43.6787	45.6975	62.7829
4.7998	4.2764	3.91519	4.41284	4.11806	3.75927
0.0926238	0	0.0749215	0.0336094	0.0359017	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0302139	0.0865304	0.0733183	0.0219268	0.140534	0.0734682
0.131666	0.0753234	0	0	0	0
0.63141	0.454882	0.184014	0.653431	0.595834	0.49341
80.8444	74.3281	68.0707	75.4421	122.055	104.755
0	0	0	0	0	0
0	0	0	0	0	0
4.17629	4.2288	4.53847	3.54924	6.31607	4.12752
10.9285	7.8527	9.73167	9.03185	8.91315	7.60909
0.439614	1.8057	0.280733	0.453367	0.860957	0.768905
38.343	38.676	43.3966	41.6533	36.4846	40.3215
9.43014	8.45088	9.18195	6.75282	6.19885	6.91713

17.0583	28.836	29.6494	21.9361	29.2284	30.3159
0	0	0	0	0	0
0.274043	0.210049	0.288716	0.18486	0.362718	0.222118
1.41428	1.29387	1.62064	1.51104	0.670004	0.891582
95.7922	109.553	96.8231	105.362	93.0175	88.0399
39.5812	43.0746	43.7791	44.9035	50.0136	36.6182
3.03189	3.24736	2.50339	2.51454	2.19861	3.18759
0	0	0	0	0	0
0.252966	0.128962	0.132838	0.270144	0.120694	0.251144
11.1758	9.33932	11.0457	10.1566	11.297	9.93942
0	0	0	0	0	0
11.4003	8.32794	10.3502	9.71617	11.0323	8.47757
3.4371	2.59703	3.16685	3.12798	2.28907	2.92152
34.5062	35.1089	34.2525	39.3511	38.8561	32.038
9.77865	9.3403	9.38953	1.67535	7.81693	3.91883
7.80789	5.82648	7.66374	7.34476	8.76599	6.89915
0.161527	0.144563	0.0979922	0.435105	0.23772	0.196385
0.00751074	0.00537755	7.3754	0	0.00582244	0.00608771
0.622142	1.78177	0.754857	1.24162	2.53355	1.64149
23.9258	25.3561	26.0315	25.8539	24.5124	28.5622
1.68194	0.574498	0.986041	1.24301	1.05266	0.938029
18.3969	14.0091	9.34104	17.362	12.603	14.8047
15.8409	14.6069	3.30042	15.8506	13.0244	8.55973
13.1596	10.6104	9.78145	11.0995	6.6172	9.51317
26.7833	39.8118	41.0527	36.8554	31.5455	33.5857
1.09375	1.85297	1.23361	1.1515	0.907599	1.61072
50.8942	52.471	51.5782	56.524	60.2232	54.2821
1.54614	0.921407	0.29941	0.517233	0.817935	0.900531
16.4476	11.4951	13.1188	14.3483	16.0118	14.4215
17.5616	15.1873	16.6242	18.0536	15.711	16.2753
8.49427	11.6818	11.3607	9.15512	8.41041	8.99808
186.175	225.345	190.538	168.245	173.727	214.686
0	0	0	0	0.0159059	0
2.85509	2.13101	2.40751	2.45599	1.65785	2.85918
28.7389	30.4309	29.6984	31.3342	27.303	25.0766
20.8377	19.2411	20.1412	21.2884	17.9519	20.0681
0.209603	0.175084	0.31083	0.152113	0.270812	0
52.4201	123.855	33.6214	47.9233	34.0693	194.345
3.94968	3.18495	3.38844	3.25722	3.60309	3.96127
0	0	0	0	0	0
0.136753	0.176246	0.225847	0.251218	0.0265023	0.199521
5.05524	5.08864	5.82584	6.09474	4.65633	5.33108
0.290448	0.970459	0.861439	0.843135	0.863114	0.784727

78.429	75.6124	84.4375	83.7792	83.2978	70.5818
0	0	0	0	0	0
42.4001	45.6641	43.4386	41.918	42.3909	36.9071
0	0	0	0	0.0294817	0.0308248
7.76854	4.54832	5.2216	4.74213	2.66284	4.52272
0	0	0	0	0	0
0.830823	0.54938	0.859836	1.13963	0.592683	0.296294
12.4892	11.8174	11.4779	11.8958	11.206	11.6735
0.072601	0.103962	0.176176	0.0526878	0.112563	0.117691
3.16449	2.22698	3.47855	2.78723	1.86608	2.49915
15.0331	12.2162	14.9677	13.0968	13.3139	14.9143
0.967993	0.741876	0.983937	0.995919	0.728775	0.780978
0	0	0	0	0	0
0.141756	0.911807	0.238883	0.176357	0.211889	0.175938
0	0	0	0	0	0
16.941	14.5561	16.0664	12.1505	12.7591	13.9747
4.78841	4.41651	4.33837	4.37794	6.22457	7.26236
1.94122	1.77431	2.48895	2.47285	2.04917	2.10905
1.72556	1.54489	2.14127	1.93965	1.19917	1.60167
1.77256	1.66857	1.31847	3.05371	1.76045	2.71262
9.11293	10.0305	10.1487	9.66459	9.0333	11.6357
139.43	24.9574	126.88	75.8903	0	84.7597
2.00631	2.16823	2.21416	1.95182	0.949257	2.75685
87.0428	48.3003	56.5441	56.4795	48.1713	42.6111
4.08347	2.76772	3.23288	2.90257	2.55248	3.38122
0.781051	0.209317	2.63489	1.28736	2.00169	1.47388
0.171091	0	0.374766	0	0.279031	0
0.629898	0.450778	0.873207	0.67471	0.836694	0.388806
0.234989	0.341792	0.430355	0.556481	0.588486	0.469347
11.6462	14.8528	14.184	15.1989	13.1833	12.9258
10.2084	5.63361	6.62765	8.96805	21.4901	4.67589
5.51318	4.0387	4.20927	4.92528	5.81911	5.70792
3.69188	2.90574	3.43104	3.59131	2.51691	2.12229
8.14023	7.37034	3.9204	2.68596	5.54231	5.01641
0	0.170291	0.17101	0.115071	0.163893	0.25704
9.89914	21.8928	15.1247	11.4944	8.18557	16.4038
20.0784	18.8139	22.2983	20.1594	18.9079	21.7041
6.811	5.50426	6.61403	6.76506	6.03362	6.7049
18.4188	14.4888	17.2451	14.9141	18.5865	17.337
0.233188	0.166958	0.377242	0	0	0
0	0	0	0	0	0
20.6546	21.3839	23.0338	21.2753	18.9536	19.3006
0	0	0	0	0	0

3.73911	7.33236	3.39542	4.89323	6.68935	2.33064
38.211	29.7812	36.1103	35.2381	47.2258	31.2109
1.91883	1.93547	1.49188	1.90629	1.35477	1.65447
0	0.0471561	0	0	0	0
70.7311	64.9014	70.1767	70.0513	88.2566	60.2099
34.9773	34.0638	35.9408	37.2206	37.8693	33.1061
1.5781	1.44375	2.41115	1.527	1.22337	3.09116
13.5299	9.90437	12.4701	11.5387	13.6505	12.1782
15.522	22.6556	13.7542	20.846	17.2552	17.6826
12.8772	13.1402	11.3005	11.2974	10.6957	10.3952
14.8754	15.2794	14.6997	13.1047	12.6075	11.8458
0.632774	0.40169	0.279722	0.325748	0.173941	0.189279
40.6883	45.0803	33.6056	38.0911	28.1261	32.8865
0.216814	0.0973069	0.0630287	0.0343398	0.161175	6.99E-169
18.0338	10.7684	11.4572	10.5969	10.9516	8.22604
0.0537692	0	0.173971	0.0780426	0.0416827	0.174327
623.533	695.799	716.549	719.178	669.181	697.266
604.678	653.954	418.459	495.933	455.422	593.984
6.88881	6.71943	6.47556	6.47355	7.20921	6.09086
35.2737	34.7643	35.6754	36.1013	28.1808	28.502
0.806377	0.434181	0.573694	0.842942	0.469963	0.694527
0.331677	0.0339249	0.191633	0.206318	0.220389	0.30724
4.3986	3.59826	3.83708	3.95422	3.73624	2.50456
0	0	0	0	0	0
8.16657	8.45584	7.16473	7.13475	4.30985	7.23032
0.0543234	0	0	0.0788469	0	0.0440309
0	0	0	0	0	0
1.63154	1.10709	0.62861	0.803618	0.798145	0.488701
27.4236	34.4351	45.7537	39.9541	39.406	57.4587
5.9265	5.74504	5.898	6.28226	6.68493	6.20688
0	0	0.0598441	0	0	0
2.11724	2.04063	1.38324	2.15703	2.08321	1.78209
0.0495123	1.1344	0.360446	0.431184	0.307062	0.56184
5.10114	3.34876	4.53705	3.74113	5.75631	5.0577
4.51702	2.37012	3.81201	3.46743	3.66601	4.74502
0	0	0	0.0387036	0	0.0432269
5.80927	4.01965	4.06779	4.04285	4.31859	5.27083
38.9277	46.3615	40.884	44.871	36.9787	36.5172
19.3063	16.0094	16.3954	14.2288	12.2391	15.6887
0	0	0	0	0	0
47.7453	67.4279	67.322	63.8872	73.3563	64.558
1.18289	3.3877	5.26248	2.57533	2.29248	3.3557
1.84783	1.19159	1.69264	1.35877	1.36606	1.6961

10.6821	11.037	10.8534	9.98965	10.368	9.39735
10.5317	9.51428	9.47703	10.3314	11.1195	10.1772
40.4273	55.5697	50.3701	46.0468	54.8524	47.5752
9.43052	12.9512	5.85264	8.84987	7.02708	6.98481
1483.63	1300.49	1407.03	1478.94	1499.4	1357.99
4.67262	3.333	3.56059	4.42099	3.37178	3.9643
2.06574	2.04043	1.77912	1.88788	1.49762	1.93787
0.940643	1.4523	0.862405	2.26217	1.093	1.08354
38.9426	32.0616	36.4509	38.1124	41.2227	41.5459
0.142372	0.254158	0.240268	0.29984	0.142141	0.0237784
24.5266	31.7846	20.5871	26.1441	17.5284	23.7775
0.826003	0.653566	0.913468	1.907	0.942644	1.17943
961.907	969.658	1004.3	1012.24	1063.13	940.072
49.3464	50.5133	58.4029	54.6159	73.9865	63.9551
0.0818627	0.117224	0.066217	0.178228	0.0634612	0.0663524
28.6362	32.5926	30.6378	29.6135	24.3747	24.8894
4.45815	4.84464	3.03735	4.62318	3.15101	3.65323
4.52612	4.30876	4.2725	3.40935	4.19592	4.62238
0.717707	1.19902	1.35459	1.21532	1.29821	0.969543
1.20886	0.89818	1.03317	1.05937	1.02553	1.1462
8.21577	5.56542	7.75174	6.9716	7.55996	7.7306
1.55028	0.685572	0.958935	0.595624	1.02507	0.813066
0.448793	0.321327	0.18151	0.203561	0.130467	0.136411
0.739406	1.34386	1.28819	1.27958	0.881844	1.38303
1.01942	0.938426	1.00129	0.581282	0.959616	1.18039
0	0.0470302	0	0	0	0.053241
0	0	0	0	0	0
2.05752	1.22908	1.68399	1.67873	1.62334	1.87492
2.58221	2.05424	1.35931	1.5765	1.14387	1.89364
37.1457	28.2698	26.3389	26.4377	27.2879	31.9156
10.5393	11.4659	10.112	11.6881	10.7522	9.94772
0.112893	0.0202074	0.0684879	0.0409644	0.0656375	0.11438
3.57404	3.07873	4.15577	3.64745	3.29015	3.30425
0	0	0	0	0	0
95.2064	78.332	69.7603	79.3915	114.902	47.1746
0	0	0	0.0349017	0	0
430.8	825.958	660.967	452.134	388.71	814.431
0	0.0274696	0.0310338	0.0278432	0	0.0310973
1.90024	1.93451	1.82526	1.6807	2.04852	1.92526
4.1206	3.63111	4.0473	4.41987	3.28211	3.96382
0.930126	0.736052	1.03253	1.21051	1.17645	0.952292
0	0	0	0	0	0
47.8324	46.8006	44.0268	39.1962	48.7272	40.4543



0	0.806655	2.43018	0.817625	0.873391	0.913182
81.4728	76.9716	73.5678	73.6734	73.1552	68.8416
3.91405	4.02389	4.74842	5.44238	4.22581	5.33295
4.02079	2.11573	2.9343	1.8071	1.82183	1.49053
2.22705	1.80627	1.50037	2.37185	1.32454	1.97851
58.3864	60.7078	61.6918	66.559	66.3922	63.8578
1.55917	1.51086	1.86892	1.54975	1.56752	1.19645
3.422	2.17055	4.22629	3.86678	3.66761	4.46762
11.0212	7.62258	9.15682	9.47509	11.5363	8.83253
70.3374	72.7784	55.2458	53.9361	55.9474	40.0112
5.45747	4.08056	5.05895	4.61722	4.30736	5.90463
0	0.0365788	0.0413249	0.111229	0.0396051	0
57.4924	67.2793	61.0673	58.3822	93.4437	100.02
0.230683	0.0825824	0.139946	0.0732423	0.0558841	0.105174
0	0	0	0	0	0
11.9869	9.09731	11.7644	8.29313	9.9119	5.37605
5.55311	7.12976	6.51878	6.9232	6.88766	5.53962
0	0	0	0	0.0296959	0.0310488
4.53461	5.07296	4.20286	3.90788	4.88236	4.82403
33.1597	34.341	35.1095	35.9249	29.1501	30.8261
0	0	0	0	0	0
5.18067	7.48674	5.89565	5.05615	3.43449	4.25702
5.58E-46	2.32E-14	0.227574	1.28E-25	3.23E-35	0.0762869
2977.62	2776.4	2700.29	3897.58	3427.86	2963.66
3.42336	2.62737	3.47054	3.03211	3.35596	3.25773
48.1925	50.3588	45.2313	46.8711	48.0001	46.2877
0	44.7514	0	22.68	0	0
0	0	0	0	0	0
0.334726	0	0	0	0	0
0	0	0	0	0	0
4.37132	3.24154	2.39957	3.90867	3.0862	3.64838
2.65548	3.72129	4.58966	4.24956	2.48084	5.2797
0.0989936	0.0708775	0.0800739	0	0	0
0.634688	0.293654	0.622526	0.493497	0.140627	0.293066
30.7295	34.7611	27.2666	30.2739	26.4444	31.0656
7.01803	6.07201	5.72167	5.97999	6.51692	5.29824
9.05197	8.36155	8.90161	8.60301	9.2263	8.94228
0.867326	1.17774	0.991865	0.390683	1.99391	0.242413
4.17489	2.98914	1.68849	2.59697	1.61822	3.14218
8.93593	5.33163	9.32856	9.03461	9.82843	4.4881
2.30436	1.90963	2.40195	1.78446	1.83325	2.36329
7.39443	5.01777	6.77448	6.93847	6.69737	6.68999
2.47416	1.32419	1.03328	0.871549	0.447738	0.859255

16.1623	13.3429	13.8834	14.8424	14.7337	11.641
0.0607012	0.11001	0.0491	0.154182	0	0.0246002
7.41088	5.75823	6.60799	6.28096	6.59836	6.43313
0	0	0	0	0	0
10.7726	7.59667	8.93264	8.97676	8.26712	8.42438
6.00488	5.18639	4.01256	3.03804	4.64837	4.8351
3.05435	3.18917	2.29045	2.97855	1.89916	1.80516
126.203	101.899	117.773	108.452	101.211	114.176
1.60626	1.38866	1.02958	1.7112	1.35112	2.09125
59.6107	59.9519	64.1778	62.1333	62.5878	59.4491
4.9493	2.73408	2.73508	3.83951	2.67913	4.82427
0	0	0	0	0	0
44.6534	38.0564	44.5847	46.5373	45.9252	40.3059
3.6459	3.58832	3.39601	3.38253	3.02773	2.16456
0	0	0	0	0	0
7.21004	7.01287	8.25291	6.41717	4.74566	7.27741
1.01073	0.82025	1.09428	0.771396	0.962739	0.8679
125.75	133.565	126.602	127.844	119.476	128.815
7.49876	9.59063	8.14669	8.31727	6.45308	6.09905
0	0	0	0	0	0
0	0	0	0	0	0
6.19224	13.5969	9.20468	5.59851	4.91489	6.45645
0.0691799	0.0247657	0	0.276128	0.0536293	0
21.5201	21.1225	23.6279	22.8245	26.6066	25.6413
90.2644	179.061	67.0744	119.195	79.8199	64.7851
4.44467	3.54934	4.82898	4.04153	3.70304	4.23571
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.646283	0.172591	0.180454
18.51	18.4799	17.2456	15.8242	14.7749	15.6837
2.41137	1.36998	1.54622	1.76444	0.820136	1.2473
70.4682	66.355	39.8318	54.3545	32.1994	34.2281
1.11569	1.93262	2.82383	0.888035	2.28781	1.57524
14.677	14.9911	17.0563	14.95	13.7155	16.6135
7.4334	5.38018	4.50545	4.26272	5.13442	5.53251
0.258896	0.237101	0.334704	0.300292	0.38485	0.54478
4.45172	3.14601	3.41421	3.20681	3.03564	3.47458
0.178152	0.255107	0.144103	0.129288	0.138106	0.072199
0.101956	0.00912481	0.0309263	0.0277467	0.0197595	0.0309895
4.98115	4.48803	5.16592	3.83507	2.99655	4.76219
0	0.0188883	0	0	0	0
0	0	0	0.00813682	0	0.0181756
0	0	0	0	0	0

0.0955335	0	0	0.0693304	0	0
0.0784679	0.0561815	0	0.0569456	0	0
38.5058	37.8633	37.5208	38.7364	39.5016	37.7721
0	0	0	0	0	0
0	0.135742	0	0	0.122477	0.230503
50.2523	52.6011	48.442	47.6526	44.2871	45.9495
0	0	0	0	0	0
0	0	0.0354154	0	0.034083	0
0.115953	0.114153	0.11724	0.105187	0.0561805	0.105732
1.2785	1.49174	1.99171	1.30584	1.72528	1.65036
9.23968	6.22341	5.25933	4.89246	4.82822	6.07447
0	0.0361467	0	0.0183192	0.0195686	0
10.3833	9.70822	10.0045	11.0814	10.2036	7.84667
410.11	205.108	383.843	395.164	247.636	79.353
4.33876	3.83933	4.64642	4.29068	2.66472	3.62815
0	0	0	0	0	0
10.7911	10.4633	8.91614	8.42164	7.87534	9.87584
1591.67	2944.17	2595.55	1792.34	1895.53	3665.49
10.1059	10.6002	11.4851	9.53422	10.1453	11.2219
9.53276	6.35227	9.24333	7.44818	7.33794	10.4183
0	0	0	0	0	0
13.0014	10.8978	13.4419	11.0162	12.1085	12.4877
0	0	0	0	0	0
0	0	0.0524323	0	0	0
0.100508	0.107943	0.121949	0.109411	0.0779155	0.0814653
70.1876	91.501	85.2837	91.5524	90.7731	66.7119
1.0635	0.598276	0.368674	1.04744	0.235554	0.677285
8.56528	7.78823	7.50088	7.27622	8.33229	7.21032
55.9111	48.2164	50.9063	59.377	62.7614	55.2163
0.0921036	0.0659444	0.223502	0.233944	0.249901	0.0746531
28.9242	20.3815	15.8073	18.7988	17.5619	20.1055
178.113	156.126	175.631	192.763	196.249	183.66
0	0	0	0	0	0
0.175472	0	0.0315395	0	0	0.142226
16.4275	12.2217	16.2364	13.4018	19.2454	12.1176
7.32189	6.34012	6.89319	7.06188	5.38289	6.27193
0	0	0	0	0	0
24.1969	28.924	24.5926	24.6329	20.108	16.1883
0.704813	0.47852	0.460398	0.622152	0.643309	0.50272
79.9456	93.558	90.2743	75.4088	72.7432	63.0976
13.347	12.911	14.0694	14.4777	12.9885	15.0188
15.3427	16.4189	23.3051	17.6282	13.0016	13.3661
28.3855	32.3498	23.9027	24.7973	21.3	20.5175

0	0.513865	0	0	0	0.193909
29.6079	21.5349	19.7734	25.0062	17.3866	22.8047
72.8548	58.5357	68.6743	68.7407	78.4919	65.2857
0.157827	0.207169	0.234049	0.248166	0.36705	0.639622
7.01795	8.69146	6.3854	8.89977	7.25466	7.57136
11.1548	11.8008	10.8176	10.8001	9.18024	12.1831
10.7459	12.7085	9.36902	9.72048	8.49255	9.35349
1.94048	2.88035	2.23957	2.30127	1.85284	1.36183
0.651904	0.763118	1.83726	1.26535	0.108293	0.364841
0.2431	0.243677	0.0917647	0.141138	0.075382	0.170769
0	0	0	0	0.0604589	0.0316067
0.238033	0.297791	0.33007	0.391916	0.216243	0.295431
0	0	0	0	0	0
2.47913	1.62831	2.15447	2.4633	3.03368	2.66815
4.25329	3.13046	2.8269	3.63172	3.06088	3.50168
5.02144	5.37751	6.60764	5.23262	5.15699	4.48748
0.0667097	0.0238814	0.0809402	0.121031	0.206858	0.162211
0	0	0	0	0	0
39.9564	41.4843	36.2126	34.7965	45.1788	20.8273
3.51653	1.36096	2.53694	2.27612	1.39987	1.30958
29.6518	90.8708	15.4187	65.4897	25.6546	160.757
11.1974	9.14101	10.0401	10.7434	9.18083	11.3172
8.07767	7.50385	8.22936	6.67835	6.61863	7.91468
0.168648	0.0603696	0.272796	0.122367	0.0980476	0.102501
0	0	0	0	0	0
23.259	20.1625	20.2131	21.0877	20.3901	21.9682
35.1065	28.5101	32.1917	33.9413	30.8722	23.9515
38.7621	34.7643	48.6397	53.6819	93.049	58.1016
15.897	13.0179	14.7927	14.0788	16.523	15.2257
0.619463	0.625652	0.510728	0.69697	0.429747	1.35327
36.8702	56.7521	38.761	30.7666	34.9133	35.563
360.621	196.197	241.255	519.115	702.183	1069.6
0.116807	0.0356829	0.133284	0.127342	0.245908	0.0718137
16.2719	13.9256	16.4448	16.3934	14.4247	13.7786
0.997877	0.453594	0.38721	0.611194	0.253678	0.466529
0.703952	1.46405	0.677872	0.486543	1.22136	0.896621
12.8258	11.3542	8.4444	10.1738	10.3281	7.81696
2.27732	2.99412	2.68106	2.61172	2.3543	1.94656
0	0	0	0	0	0
13.9366	10.4627	13.3794	18.2766	17.6511	16.1808
65.9967	74.2751	71.2625	71.1582	67.2526	75.3868
4.68754	4.11693	5.00499	5.91919	4.9905	5.09121
0	0	0	0	0	0

0.0893877	0.106667	0.0843546	0.0324351	0.0577456	0.0724518
68.3827	76.3886	71.4184	61.666	59.2779	73.1575
0.208327	0	0	0	0	0
0	0	0	0	0	0
10.5908	12.1176	11.4223	12.5838	9.65901	10.8144
53.8187	51.7334	57.5286	53.1532	52.3508	58.1398
5.87094	2.03606	3.33906	5.32581	1.13781	1.56141
20.3595	21.9904	23.1876	22.5229	19.987	20.7825
2.79569	1.72243	2.53615	1.5878	1.05576	1.47816
3.50003	2.20642	3.91353	3.49969	3.16005	3.67244
33.3965	34.418	34.9237	35.9327	35.7785	35.0932
16.1993	18.6837	14.3724	17.8177	14.2271	23.0912
0.204937	0.23477	0.0663078	0.0594906	0.730804	0.332217
5.90321	7.26749	6.64003	5.12214	4.12698	5.04363
0	0	0	0	0	0
17.7432	16.0951	18.2975	17.9754	17.806	17.7903
0.287403	0.143133	0.154229	0.165441	0.28947	0.15396
0.158874	0.195871	0.0839247	0.18128	0.113422	0.189217
78.5793	81.1163	65.3609	87.0955	56.1642	70.3314
0.0328315	0.0352601	0.0265568	0.0357397	0.0127258	0
1.03582	0.862981	0.83785	1.05239	0.613185	0.183177
0	0	0.0288863	0	0	0
4.28013	3.59514	3.89675	3.78746	3.70106	4.11497
35.4182	24.7202	59.3593	27.183	26.9629	16.8838
0	0	0	0	0	0
3.44282	2.3546	3.36965	2.81217	2.20341	3.40848
0.41948	0.300562	0.242363	0.261119	0.13939	0.145715
0.280589	0.198416	0.271234	0.523736	0.430856	0.584945
0	0	0	0	0	0
0	0	0	0	0	0
4.39844	2.46373	2.10583	2.64922	1.7399	1.91615
5.13832	5.81066	4.27281	4.9313	5.00705	3.46416
73.547	149.628	102.508	84.1351	108.507	68.1284
12.2861	16.8602	15.183	11.8883	15.7417	10.7882
0	0	0	0	0	0
0.736753	0.562668	0.119189	0.392095	0.190381	0.517542
10.3037	7.7879	9.16632	9.6161	7.32836	9.45757
0.157326	0.104202	0.165759	0.275428	0.24179	0.268398
53.1711	46.6006	43.2745	47.958	55.3281	46.5105
1.34262	1.02538	1.81003	1.2342	1.87348	1.59609
36.6899	30.7277	33.3456	37.1088	38.8099	36.1788
0.524233	0.37534	0.238161	0.40438	0.275879	0.0944238
19.6584	22.5818	23.3826	18.2367	21.4734	18.2418

0	0	0	0.0644867	0	0.0240078
0	0	0	0	0	0
0	0	0	0	0	0
14.3363	11.7322	14.1644	15.3811	16.5372	13.4154
0	0	0	0	0	0
8.64802	9.11399	7.10482	8.41487	10.4438	4.78111
71.6509	71.5799	71.0628	70.2351	72.5206	73.1026
2.94634	3.36383	2.7375	4.392	2.50011	4.06624
4.85539	7.18674	3.96812	3.94354	2.67191	4.52676
0	0	0	0	0	0
0.0727609	0.0260477	0.0294274	0.0792058	0.0564054	0.147438
0	0	0	0	0	0
0	0	0	0	0	0
0.256579	0.137779	0.207542	0.0931021	0.149178	0.311949
0	0	0	0	0.156634	0
5.0028	7.44068	7.46776	6.19135	6.63237	5.26946
28.9063	24.0713	26.1412	26.7414	26.9017	26.6406
5.54309	4.66593	5.77938	6.70036	6.04325	4.53029
1.42872	1.72125	1.20227	1.23723	0.914807	1.52329
0	0	0	0	0	0
71.3426	75.2732	54.4062	50.3912	51.7291	56.4087
2.53317	1.24978	1.98015	1.9465	2.22779	2.04458
26.5583	25.0056	25.7596	27.4491	26.7126	25.5201
2.43747	2.76754	2.54798	2.32597	2.88106	2.81352
23.8475	21.9046	24.4295	24.195	22.683	23.9072
3.31253	1.78997	2.07277	2.81218	2.47102	2.33031
6.05417	9.52081	5.43443	8.44432	8.31444	7.46173
84.6459	87.0326	80.0521	85.8287	93.2144	96.3984
3.59178	2.25819	2.82582	2.8595	2.8606	3.36026
1.41993	0.683921	1.2112	1.14288	1.30088	1.33923
4.89931	4.19116	4.63203	4.26355	3.23901	3.62724
0	0	0	0	0	0
17.4655	17.5107	17.4247	18.2197	17.0349	17.3686
98.1625	113.386	120.447	106.334	121.443	115.042
0.263288	0.499058	0.282869	0.348197	0.137756	0.0940614
5.19534	4.64033	5.0514	5.865	4.69876	5.76355
2.23E-06	1.23798	0.782838	1.9872	1.71511	2.38068
15.4891	12.7566	13.0774	14.6296	12.4685	14.35
42.9476	41.7816	42.7609	39.2418	38.707	38.3774
0.40591	0.603603	0.505127	0.181278	0.701951	0.480852
0.188947	0.0784477	0.0488345	0.0608528	0.0554694	0.11808
22.4262	18.6907	21.3777	23.4729	23.7506	23.3775
7.08489	5.11446	5.49444	6.04565	6.33728	6.12117

3.39052	2.60346	2.75577	2.79339	2.79345	3.95625
2.01105	1.75044	1.69049	2.26073	1.28388	1.5661
24.4424	32.1566	27.8408	28.1427	23.5885	21.2939
0.308298	0.393381	0.218161	0	0.272592	0
10.5474	9.99933	11.4429	9.98404	12.1947	11.0946
0	0	0	0	0	0
0	0	0	0	0	0
1.76969	0.872309	0.874016	1.18426	0.535048	0.615236
59.1572	52.3897	51.0729	65.2715	52.8929	47.7297
1.62435	1.79737	2.05049	1.44674	1.54541	2.33396
2.17977	1.68781	1.47096	1.86628	0.906607	1.37471
39.889	43.1395	41.2167	40.7285	38.7164	36.6967
13.5216	14.3337	13.3215	14.4877	12.3091	12.716
0.845571	1.61443	1.74791	1.36366	0.728333	1.14227
0.944693	1.35276	0.382071	1.02837	1.09851	0
1.05999	0.748815	0.640288	0.676978	0.624591	0.996573
0.10607	0.0379721	0.042899	0.346396	0	0.171947
0	0	0.0357983	0	0	0
0.178723	0.085308	0.216848	0.129702	0	0.120717
0	0	0	0	0	0
8.99731	8.30491	7.48693	9.23643	6.75303	7.09034
0	0	0	0	0.0999327	0
20.8095	15.863	15.7688	4.71442	10.5389	9.61353
13.0497	11.2763	11.4238	13.0789	12.5512	12.2636
1.15611	1.6555	1.46953	0.998821	0.512134	0.580088
13.9493	12.0866	18.8679	15.4238	13.9398	11.5315
11.8903	10.8046	11.0756	10.2853	9.23933	10.1086
7.49384	6.66515	9.2242	8.57986	8.44339	7.65854
0	0	0	0	0.0169737	0
0	0	0	0	0	0
0.398643	0.295263	0.322454	0.558652	0.394285	0.233979
20.1842	21.3564	21.3271	21.7814	22.3564	20.4938
10.698	8.68479	15.9624	11.4426	12.7304	12.6867
20.0492	16.585	19.8371	19.8015	19.8024	19.7013
0	0	0	0	0	0
0	0	0	0	0	0
4.90675	5.09272	4.83432	5.0465	4.55169	4.47186
14.151	12.687	13.0981	13.3171	12.8141	14.8221
23.857	18.2458	19.9553	23.1876	19.7252	21.0006
0	0	0	0	0	0
12.1637	12.5562	13.2772	13.6	14.5276	14.3661
9.19192	6.89043	8.40822	8.34962	8.27349	8.02539
61.2582	72.1903	59.4379	67.8461	56.6924	62.5905

0.0828135	0.0296465	0.0669862	0.0300496	0.0320992	0.0335616
6.40045	5.7106	6.06218	5.60611	6.98742	6.90534
4.88E-125	1.57E-77	2.16E-85	2.68E-183	2.72E-96	1.81E-41
0	0	0	0.0306124	0	0.0341902
2.24218	3.08723	2.61585	1.84624	2.77439	2.4814
3.23152	2.18578	2.18985	1.83588	2.23144	2.9885
4.06224	4.44828	5.41201	5.47218	4.85746	4.19643
31.5355	28.827	34.8401	38.6469	32.9545	32.5535
7.01309	5.75494	6.44986	6.60012	7.373	5.47673
7.93803	5.11264	6.35576	6.21798	10.7658	5.29672
0	0	0	0	0	0
6.79404	6.90466	7.23036	7.32508	4.97618	6.24833
0.178063	2.22E-06	2.69E-07	0.221472	0.128589	0.180591
9.36868	7.28793	9.66725	9.9229	12.6215	8.353
0.123469	0.123762	0.0998715	0.0716829	0.095715	0.160121
1.12547	0.633709	1.33205	0.816774	0.684582	0.780841
0	0	0	0	0	0
0	0	0	0	0	0
12.4098	11.5661	11.1993	10.4131	11.2552	19.4154
3.99634	2.99887	3.94745	4.57342	2.74056	3.27031
28.2424	24.5793	31.2569	28.6515	33.1466	26.407
0	0.142612	0.223428	0.086731	0.170547	0.0781397
1.48659	0.863003	1.34872	0.758108	0.778668	1.15608
0	0	0	0	0	0
16.8206	16.3592	17.0552	17.8234	15.6244	15.2979
0	0	0	0	0	0
10.0261	7.16753	7.0467	9.2504	8.51879	8.12646
0	0	0	0	0	0
7.67653	7.57455	6.75405	8.1727	5.77652	10.149
34.6049	35.5326	38.0383	34.6694	34.2278	35.182
0.153267	0	0	0	0	0
1.84532	1.25623	1.00325	1.49286	2.46237	1.78993
0.96508	1.2524	0.878213	0.787923	0.701386	1.41779
7.82E-08	0.0701547	8.16E-07	0.137778	0.134569	0.131295
20.5089	20.2086	20.806	20.2993	17.2692	15.5133
0.0847969	0.121214	0.0686332	0.0615592	0	0.206016
1.36488	1.62872	1.71016	1.51491	1.09957	1.51843
0.0404704	0	0.0327357	0.0587403	0.0627466	0.0656053
30.6453	27.742	26.9856	29.874	27.1991	26.3863
5.26176	3.09335	4.2366	5.32495	10.6091	6.74939
0	0	0	0	0	0
1.18242	0.883396	0.748513	0.559631	1.03619	1.04173
2.86969	5.44744	3.91331	2.94683	2.63493	3.3416



54.1323	42.4519	37.9657	44.599	57.2448	32.2662
57.5288	61.1396	54.4586	57.8995	49.208	49.6678
10.7947	10.1701	9.7087	11.0962	9.52982	11.2405
43.9353	42.7941	31.714	42.9553	26.8671	37.7441
6.47118	7.4256	9.11348	9.81182	8.39826	9.5536
35.6434	40.7816	42.9085	34.3458	41.1721	38.1933
0.141131	0.0808378	0	0.14339	0.0437628	0.0686349
15.1842	13.705	16.4174	13.7311	12.3855	14.152
0.34341	0.0983499	0.111111	0.0498437	0.212973	0
11.271	12.3224	12.5899	13.0353	12.0105	10.5565
0.357087	0.125225	0.147368	0.264433	0.186429	0.372126
2.39193	1.31773	1.78608	1.93601	2.06806	2.23679
1.51759	0.271641	0.92066	1.10134	0.588229	0
60.3533	47.5939	59.1314	58.6465	52.0113	58.6331
3.44588	3.96284	3.77795	3.32074	2.64638	3.0842
0.892103	0.744412	1.26125	0.683127	1.17057	1.54446
3246.05	3330.64	3265.65	3431.42	3404.07	2983.99
0.0836014	0.181076	0.21899	0.119704	0.0172892	0.235746
12.8987	11.9004	8.7529	9.36078	11.073	10.3145
0	0.317359	0.239025	0.107225	0.343615	0
3.00617	2.54709	2.64778	2.71432	2.55558	3.5415
0	0	0	0	0	0
0	0	0	0	0	0
30.4527	31.447	43.8394	36.1844	34.9292	33.4905
5.77168	5.46457	5.00645	5.67671	4.91584	5.44757
0	0.0237213	0	0	0	0
8.81328	7.32968	8.09246	8.09762	7.96933	7.14812
0	0	0	0	0	0
0	0	0	0	0	0
1.36275	0.973784	1.10237	1.15585	0.712061	0.678245
0	0	0	0	0	0
25.9406	28.9151	28.0984	26.5879	27.0452	26.1707
1.84408	1.6758	2.29483	1.64712	1.15465	1.03479
0.077811	0.0485306	0.0274137	0.147572	0.0262728	0.0549396
69.3267	57.7827	64.5966	67.4244	87.6525	54.7582
32.3639	21.8514	23.5743	30.448	28.5469	26.1777
0	0	0	0	0	0
5.58852	3.67747	4.78174	5.22786	4.80811	4.87007
0.297631	0.0665931	0.265424	0.280795	0.346504	0.434586
5.19941	4.0329	5.58256	5.36797	5.27825	6.3967
15.5719	14.8539	15.1783	16.6824	16.7452	14.7623
18.2071	18.6799	22.4944	22.1221	21.3624	18.4137
7.81791	6.76538	8.06021	7.17633	7.502	8.59733

11.2982	9.68845	13.9053	11.8158	10.3119	11.4087
44.8667	39.7973	45.2427	49.0957	49.0233	49.533
38.953	42.4839	44.4051	31.3823	42.9045	35.1365
10.3063	7.53636	8.11534	8.83732	8.72197	10.0439
18.478	17.6059	18.7767	15.9961	15.2571	18.1183
0.102145	0.0731339	0	0.0741285	0.158369	0
749.884	1025.6	1095.95	1125.09	1240.72	741.05
10.6627	6.79687	9.96732	8.13656	9.53769	10.236
44.5838	44.7304	48.8	43.6847	36.1459	45.9043
8.11718	4.428	6.07216	7.57387	5.23592	6.56276
58.0967	52.4316	52.5018	54.1514	62.8634	57.3113
0.0276654	0.0792316	0.134268	0.0803091	0.0214466	0.0224237
0	0	0	0	0	0
7.08252	5.84971	5.9949	6.57175	6.37288	5.65861
22.9564	22.5656	27.0958	23.4206	21.3763	24.4326
6.00171	4.24232	5.8362	5.98193	5.18652	5.77725
5.03388	4.27211	4.67901	5.24067	5.09321	4.26736
1.46586	1.52531	1.34026	0.637498	0.426679	1.83153
0	0	0	0	0	0
12.884	12.9064	13.4	14.2219	13.8573	12.7158
0	0	0	0	0.0587072	0.122764
0.25074	0.340793	0.154301	0.290501	0.251317	0.260723
22.2017	20.8252	18.9032	16.3286	12.3417	12.8101
0.230087	0.146433	0.0310187	0.250467	0.0891833	0.0310821
0.30261	0.433326	0	0.109805	0.234588	0.245275
3.48853	4.73705	2.62719	4.19038	1.95833	1.75504
1.21259	0.72928	1.02007	0.844797	0.827215	1.10078
0.667692	0.367735	0.304662	0.13667	0.225623	0.374668
26.2006	25.7489	29.1523	26.7152	32.426	26.4596
0	0	0	0.0265854	0	0
0	0	0	0	0	0
9.72819	11.1553	9.7707	10.3203	7.9	9.7481
16.0794	15.1638	14.9706	14.7658	15.6519	17.4194
0.232617	0.555165	0.219519	0.225086	0.300547	0.282816
0	0	0	0	0	0
0	0	0.13645	0	0.130771	0
0	0	0	0	0	0
14.4087	12.6303	14.7184	14.1792	13.0706	13.4416
14.935	15.176	16.231	14.6953	14.8808	16.1405
0.453984	0.549529	0.558138	0.500756	0.532662	0.494857
0	0	0	0.0447514	0	0.0249908
0	0	0	0	0	0
0.0721749	0	0	0	0.0559511	0

0	0	0	0	0.100615	0
0.0717539	0	0.0580403	0	0.0556247	0
5.81164	5.20128	3.80221	2.41893	4.10775	1.93963
12.3038	9.43111	12.1184	11.4052	11.7102	13.5259
0.0755158	0.13517	0.152708	0.0822047	0.117082	0.15302
0	0	0	0	0	0
4.30501	3.69052	3.9015	3.7825	4.1521	4.28292
16.9193	25.4323	15.3895	16.13	13.0738	14.1128
6.30617	4.02366	5.49999	4.87226	5.63691	5.33738
14.2522	11.9833	13.1474	14.7759	12.7874	13.5938
5.64652	4.64517	4.73014	6.23945	5.43681	5.6126
3.24795	2.63077	2.79284	2.55826	3.06011	3.0385
3.54878	2.32668	3.78843	2.8599	3.10294	0.694015
0.748713	0.272933	0.17647	0.89992	0.468458	0.620977
0	0	0	0	0	0
6.44232	9.30046	6.74247	9.82768	15.0641	9.63353
20.4164	21.1646	20.7448	20.2066	23.235	18.2828
36.4821	38.6414	37.997	43.4624	43.7154	40.5606
11.2929	13.302	9.18371	9.34106	10.7783	11.3678
5.04936	5.31867	4.76016	4.96988	3.53865	5.26417
2.59693	1.16687	2.00033	1.23473	1.33205	1.46481
0.743216	0.957831	0.763594	0.647238	0.691383	0.12048
19.7813	15.4633	17.2565	16.1384	20.0688	18.6192
1.67986	1.25826	1.14976	1.40666	0.741281	1.29874
16.7163	18.4533	14.3256	15.1809	16.7691	15.2399
0.0485674	0	0	0.0352462	0.0376502	0
0.0849733	0	0.137466	0	0	0.0688737
37.1122	26.5716	30.0193	0	0	30.0807
35.5004	31.5612	33.2746	35.7755	37.6287	34.2291
16.2048	14.5434	14.7208	13.6103	13.9871	14.4978
3.83324	2.93624	3.6592	3.77391	2.90604	3.2212
0.835335	1.61023	1.14347	1.11917	0.797002	1.24997
0	0	0	0	0	0
16.2935	15.3181	16.1281	16.4213	16.1918	16.3039
17.9218	16.9907	18.5138	15.6611	13.8016	16.7845
50.0989	43.7449	45.8497	53.3956	45.6793	39.9889
0	0	0	0	0	0.084115
0.088833	0	0	0.0644677	0.619782	0.0360011
0	0	0	0	0	0
0	0	0	0	0	0
3.07086	2.69964	2.98704	2.0029	1.65736	4.06437
2.16414	2.43326	1.50416	1.48912	1.24272	1.13042
27.4243	27.4581	27.447	28.2891	29.8639	37.9725

0	0	0	0	0	0
0.29204	0.41819	0.9449	0.932529	0.226394	0.520758
0.0943126	0	0.0381438	0	0.0731126	0.0382218
18.1476	14.3631	19.7988	16.1803	17.4502	16.057
0.0466429	0.0200372	0.0377285	0.081239	0	0.0226834
18.4475	15.3371	16.9114	18.8627	14.0874	16.5145
0.0346387	0	0	0	0	0.0561516
8.42803	8.07047	8.65366	10.0835	10.2509	9.61161
5.40423	5.42129	5.87529	4.37163	4.63382	5.48829
65.7189	70.0362	71.7917	63.5464	72.0796	63.8769
132.691	151.752	156.194	158.501	149.406	136.363
14.0605	14.8985	13.2414	16.0151	10.2677	12.7834
4.99334	4.00366	5.64355	5.41081	5.27611	6.99957
0	0	0	0	0	0
8.46661	10.5286	8.3303	7.33013	7.63816	8.3072
0	0	0	0	0	0
0.158088	2.76E-46	0.161057	4.62E-223	1.20E-54	9.09E-54
10.9951	3.87142	17.4955	8.38169	8.39453	16.3535
10.1379	12.4398	8.6104	9.64856	13.3417	14.1726
27.4933	35.2074	32.2359	29.095	33.7257	28.7212
25.6485	25.2401	26.2907	26.4686	25.8617	27.241
29.2638	23.2503	26.436	29.0676	29.3659	30.4581
104.162	102.209	107.051	110.747	119.36	80.5956
16.1872	13.0489	16.896	15.2041	16.8309	17.7771
13.5686	10.2604	14.4837	10.8347	13.2145	11.2037
0.0907905	0.0216681	0	0	0	0.0245296
0	0	0	0	0	0
26.392	21.1702	16.9743	16.7092	14.9998	15.0954
3.79629	2.12864	6.1417	2.93004	2.85231	2.48871
9.15407	7.57361	8.05561	9.15182	5.29324	5.74518
0	0	0	0	0	0
0	0	0	0	0	0
15.1303	16.613	20.247	16.7652	14.0121	15.0209
0	0	0	0	0	0
16.331	12.6137	15.0701	16.391	16.3443	17.4964
0.066437	0	0.0537396	0.0711509	0.0457804	0.074791
0	0	0	0	0	0
0.205491	0.243086	0.0865716	0.537104	0.175544	0.338594
0.772754	0.585823	0.992751	0.725743	1.02191	0.847405
22.0111	22.4281	22.8124	25.0584	20.885	22.2148
5.32309	5.62761	5.60203	3.25622	3.11268	4.11752
3.62098	1.7067	1.82143	2.09912	2.17683	3.89633
0.0175897	0	0.0426841	0	0	0.171086

8.75114	6.97881	8.51736	7.46097	7.11494	8.18877
48.6767	59.6995	59.425	58.0582	57.1266	40.55
5.9837	4.52109	4.06557	3.4834	3.7508	4.04187
0.278757	0.0997925	0.225481	0.303449	0.324146	0.225942
0.0285095	0.0204123	0.0307477	0.0413797	0.029468	0.0462158
1.93533	1.77727	0.876362	2.79511	1.69643	2.05077
1.12562	1.15462	1.67754	1.45833	1.51767	1.33328
2.89922	2.17086	2.38092	2.31281	2.28183	2.15259
0.747949	1.09975	0.564879	1.17926	1.04627	0.755687
0.356769	0.25544	0.115433	0.18124	0.276573	0.318091
1.88874	2.13248	1.96847	2.24056	1.99917	2.57601
0	0	0	0	0	0
2.75527	2.96291	4.26208	4.86782	3.54704	3.83941
0.553738	0.589528	0.598225	0.392207	0.322728	0.385066
8.49912	5.15301	7.57687	7.16534	8.6073	7.09403
0	0	0	0	0	0
0.105014	0	0	0.0381051	0.040704	0.0425585
39.7427	29.2807	34.2231	32.273	37.7602	36.9325
9.7785	9.85811	8.20053	6.68009	6.56485	9.8205
0	0	0.0916278	0	0	0
34.2879	37.1547	31.035	32.48	30.2673	19.9818
9.11635	7.8256	8.36946	8.84862	9.31406	9.13467
25.5547	30.0855	29.9225	25.9026	27.4653	24.0942
0.707891	0.80633	1.09314	0.560432	0.349216	0.756332
35.1199	31.2631	35.3892	37.0944	33.3731	35.4119
29.4969	27.0526	26.1492	24.7013	26.8843	24.0191
9.60514	7.7435	9.94116	8.727	8.74569	12.3318
0	0	0	0	0	0
8.79409	7.30126	8.6567	8.80811	10.2077	8.93105
5.81095	6.92131	7.97257	6.87173	6.24143	5.79962
11.6416	9.40489	6.16969	10.091	4.42555	6.56378
18.8163	21.213	21.4354	25.4225	17.8021	20.4614
0.831829	0.491996	0.67285	0.31496	0.308405	0.879425
2.68662	1.81302	2.83509	2.79013	1.81938	3.05364
0	0	0	0	0	0
0	0	0	0.224386	0	0.25061
0.251318	0.128528	0.116163	0.0260551	0.0834967	0.0291002
3.08979	3.01975	2.56505	2.74722	2.7751	2.78287
0.547057	0.411599	0.427721	0.688123	0.4909	0.442432
8.10964	8.1559	7.0784	7.80146	7.69027	8.83552
128.749	159.271	164.762	91.6423	85.1241	151.304
0	0	0	0	0	0
29.984	25.1613	24.939	26.8216	18.5585	23.8485

37.1681	25.2213	25.6802	27.9911	20.3825	17.7382
0.376284	0.681956	0.547868	0.491541	0.525066	0.998162
17.4231	16.4068	15.5101	16.5502	17.2843	16.8157
2.01109	2.72569	2.35298	2.45719	2.45598	1.87262
0	0	0	0	0	0
1.00211	1.16781	1.1539	0.623775	0.811149	1.72148
0.0716657	0.102622	0	0.0780136	0.0555563	0.0580874
0	0.22957	0	0.155128	0.0828543	0.346516
31.0687	22.7499	27.0823	31.7429	34.5342	30.4646
6.8376	6.72761	6.50552	7.18329	6.06189	6.16967
0	0	0	0	0	0
0.996112	0.834963	1.29704	0.916844	1.77041	1.35877
0.0793966	0.397925	0.321111	0.518576	0.615494	0.321768
26.7597	24.5679	26.7321	28.0952	27.391	27.4373
7.21094	5.41535	6.5462	6.78679	5.69469	6.58712
0	0	0	0	0.0415299	0
0.464005	0.573833	0.409445	0.520412	0.261603	0.547043
29.8429	29.315	33.2249	33.4714	27.9985	30.1394
8.93884	7.3315	7.12861	6.63936	8.88151	8.7419
1.80601	1.50336	1.47217	1.21866	0.900725	1.29389
0.4397	0.521086	0.0738501	0.795514	0.0979842	0.668838
0	0	0	0	0	0
0.0612547	0.261933	0.185563	0.2768	0.238863	0.197242
111.136	90.5939	96.4748	101.312	87.6946	83.9893
0.167881	0.0922687	0.204135	0.195323	0.163648	0.242625
25.2632	19.9851	11.6817	16.3083	13.234	15.214
0	0	0	0.323186	0	0.360957
19.2033	18.7547	19.0524	20.9696	17.771	20.9883
4.64345	3.45655	4.35219	4.51986	3.54254	3.91303
0.391745	0.296064	0.440104	0.542269	0.253072	0.576245
2.99777	2.94982	3.69316	2.86721	3.51562	3.40167
0.311216	0.276288	0.359056	0.152493	0.228745	0.21381
25.9323	24.5828	27.9193	26.4478	28.6168	27.7031
0	0.179263	0.0337538	0.0605671	0	0.101468
0	0	0	0	0	0
17.7182	34.8432	13.0349	16.2912	21.8151	15.7258
0.0615915	0.205909	0	0.0268188	0	0
14.6717	12.0059	14.9434	17.0032	15.2862	13.0254
11.4708	7.5859	9.02251	10.9493	8.60541	7.66374
0.336519	0.144565	0.0544408	0.146531	0.156525	0.0545521
0	0	0	0	0	0
4.23832	4.21609	3.98434	3.69391	3.72404	3.21059
7.40611	7.84836	7.51488	6.26707	5.91735	6.56615

0	0	0	0	0	0
4.56905	4.28075	4.65371	2.60231	2.40456	3.70338
18.2551	15.306	20.4005	23.9684	21.4447	19.5014
4.1156	3.09616	3.13604	2.68376	2.95928	3.52922
0.908089	0.650924	0.40301	0.594317	0.318163	0.640858
2318.99	2141.13	2497.27	2550.41	2528.88	2686.62
21.8028	17.2009	19.7738	23.7731	24.1481	22.1278
0.268286	0.384175	0.248013	0.333771	0.237691	0.37278
4.53592	8.05427	6.60423	6.64944	6.32937	5.51478
9.34717	6.5995	7.0365	7.01506	3.14488	5.49154
15.7737	18.3077	17.5235	17.1361	16.7362	16.9565
29.8445	25.7561	27.5659	31.03	31.7157	29.7053
0	0	0	0	0	0
2.70411	3.14564	2.89165	2.81207	2.98268	2.58954
16.3336	18.0043	12.0021	14.6521	11.4471	7.42349
0	0	0	0	0	0
325.401	125.374	247.817	195.33	240.947	315.127
18.2428	19.1631	19.4661	17.6522	17.0657	19.0398
0.303149	0.108524	0.337165	0.247501	0.0881271	0.15357
94.047	107.097	100.392	103.898	100.414	94.9366
0.0328754	0.0235382	0.0132961	0	0.0127428	0
12.5889	13.102	13.0436	13.8217	12.4756	16.2523
101.878	109.228	73.2197	102.073	76.3964	96.2254
5.66162	3.7281	5.3892	4.88452	5.76371	6.54235
7.36245	9.27759	6.6118	7.24372	6.70118	6.00282
2.57021	2.71274	3.36066	3.36924	1.42691	2.34033
0.225925	0.177164	0.321982	0.335724	0.233521	0.36624
22.421	25.4817	24.4821	26.6591	24.085	21.0803
49.0834	50.0527	52.1702	51.461	52.2579	47.3303
5.07812	6.0796	4.04025	5.0144	4.90466	6.27519
5.944	5.52369	4.9409	4.38918	10.0579	9.16599
1.0948	1.71024	0.40253	0.505603	0.462932	0.887376
0	0	0	0	0	0
13.9603	13.9182	12.0951	13.2475	9.86791	12.8019
6.56442	5.61738	5.59378	4.24167	4.25885	6.58684
0	0.0305333	0	0	0	0.0691311
0.16615	0.0396534	0.134395	0.241156	0	0.0448901
0	0	0	0	0	0
24.7084	28.8621	28.6535	30.4691	27.1653	25.3777
6.75745	10.4577	8.46549	7.47241	7.00239	6.84164
16.2389	3.60662	3.10835	3.00204	1.72249	2.51414
0	0	0	0	0	0
36.682	30.6044	36.471	35.8395	38.8369	36.6695

0.890257	0.254963	0.288044	0.387645	0	0.43295
0	0	0	0	0	0
31.006	32.5562	32.4868	35.6455	29.9567	30.3521
0	0	0	0	0	0
41.8771	43.0248	39.9959	42.4292	44.8022	40.4504
9.52438	6.52279	12.4413	10.1748	9.30953	10.309
31.5098	24.0876	24.7557	28.4023	37.9306	30.2548
61.1335	51.1205	58.5066	65.8818	66.5492	45.2344
0.0642006	0.0459664	0	0.0465915	0.149308	0.15611
6.24019	4.73721	6.19767	5.58527	7.20984	6.51534
0	0	0	0	0	0.0649828
5.53053	5.16573	5.16538	5.28094	3.28885	4.19656
0	0	0	0	0	0
6.91219	8.56579	6.6187	5.0977	4.44311	7.20757
23.3032	24.1959	22.9419	19.8361	19.3724	24.3202
12.987	10.2446	10.7629	12.335	10.5623	9.75077
0	0	0	0	0	0
0.0423761	0.0303405	0.137109	0.123012	0	0
1.91016	0.932838	1.36557	0.903892	3.06475	4.75298
1.09877	0.862343	1.14515	1.10409	0.835404	1.54141
10.4376	11.7539	9.7543	7.90572	18.0682	9.65104
4.84606	4.30719	4.42676	4.57799	4.46922	5.01145
6.37657	7.42529	7.37191	5.20144	5.90985	7.07474
0.257699	0.0922539	0.0521119	0.140263	0.149829	0.104437
7.27E-161	4.56E-270	1.05E-43	0.0425335	1.27E-153	0.145693
1.27798	0.91501	1.20602	1.54576	0.165118	0.517923
62.067	76.9873	69.1856	64.0787	67.0149	61.3405
10.7744	7.43972	8.40659	9.46265	10.729	11.1489
0	0	0	0	0	0
0.320378	0.310343	0.431911	0.460449	0.243492	0.341144
0.6881	0.541933	0.55659	0.74905	0.746797	0.669274
6.87924	5.96522	8.22307	6.65652	7.99935	6.38126
15.8259	17.0831	15.8188	16.303	16.7461	17.8221
0.158736	0.194832	0.31516	0.0971976	0.0922903	0.108557
0.0980727	0	0	0	0	0.0794912
0	0	0	0	0	0
18.9227	17.0467	16.7786	20.9637	26.5529	16.4247
0.130329	0.139969	0.210841	0.236455	0.0505164	0.0528179
0	0	0	0	0	0
29.5917	0	0	0	0	0
0.0357781	0.0256165	0.0289402	0.00649121	0.0208018	0.0144997
1.60282	2.2356	1.48735	2.64884	4.23401	3.81243
20.9331	32.0844	25.1958	24.1518	24.8274	20.6753



16.1449	10.9324	16.6011	13.1018	16.7457	16.2892
19.1894	20.4858	16.5463	19.2812	13.8615	16.6681
5.50163	5.38571	5.0212	4.09863	3.84978	4.85388
0	0	0	0	0	0
66.7043	66.7303	68.5262	65.1896	61.0864	61.8797
14.3944	12.5567	12.35	13.0992	15.3643	12.0489
8.97511	6.57677	8.36685	7.29017	8.60354	10.1048
0.0932739	0.0526699	0.0304132	0.013521	0.0870957	0.0758686
0	0	0	0	0	0
0	0	0	0	0	0
111.387	33.6346	19.2548	29.2559	92.3001	102.106
19.2945	18.5763	18.9175	20.2345	21.6145	20.6741
0	0	0	0	0	0
34.3423	19.1985	29.0721	32.5616	23.4465	31.8314
0	0	0	0	0	0
8.60611	8.77589	9.51952	8.4913	9.03134	10.0873
118.089	94.4512	82.9177	105.529	74.4039	82.6249
50.8393	44.6477	46.5894	58.6307	56.2	54.4032
27.8111	19.8648	23.6742	23.5468	30.7481	23.5616
0.143157	0.204995	0.185275	0.311675	0.19976	0.301687
86.5888	65.4943	69.8706	77.1494	97.2379	38.076
305.119	255.342	269.053	280.269	377.493	128.654
1.01742	0.564753	1.04489	1.01213	1.18751	1.43619
21.3483	14.4396	18.6054	19.6403	23.018	20.0216
0	0	0	0	0	0
0.102533	0.110118	0.082937	0.0372051	0.0397426	0.12466
17.1353	11.6249	12.9394	15.7127	14.6436	14.2552
5.0685	4.88821	6.47951	5.0127	5.28022	5.24864
0.192948	0.138147	0.312144	0	0	0.156391
4.9946	3.97978	4.3286	7.32451	4.2109	8.38574
2.33299	1.62243	2.40697	1.935	1.82834	2.17083
36.5716	38.5067	35.0923	32.0049	47.4367	39.4265
0.838997	0.728634	0.452432	0.5976	0.794938	1.01376
0.417348	0.597626	0.450112	1.11055	0	0.902065
0.372275	0.248772	0.301126	0.432267	0.288594	0.281625
13.9179	12.0848	14.3694	14.347	10.2291	13.1705
17.2393	17.397	17.3775	16.8749	16.3739	16.1749
0.189519	0.593869	0.553961	0.171145	0.456165	0.443777
0.0640335	0	0.207182	0.0929405	0.248199	0.0519013
49.6762	53.6875	62.2595	54.2922	54.973	55.422
8.71991	5.97517	6.10137	6.87172	4.93508	6.02713
521.783	569.313	476.392	271.76	447.977	120.939
0	0	0	0	0	0

21.5092	22.5434	21.8548	21.348	23.302	20.2336
0	0	0	0	0	0
12.9689	12.3236	6.74464	10.5977	10.6075	10.234
2.40821	4.2623	1.63628	1.59389	2.07597	1.79578
0	0	0	0.15916	0	0
0.363425	0.260205	0.0367459	0.065936	0.2113	0.110463
14.9358	16.5388	13.1018	15.7702	12.5974	13.9621
0.522292	0.598322	0.422472	0.30323	0.485867	1.10067
1.67892	2.27013	3.22757	3.3783	2.59985	2.79787
9.38497	9.51255	8.93454	8.23927	7.32813	7.44642
0.201384	0.144187	0.114027	0.219222	0.124893	0.0489686
11.6843	8.45619	9.80881	10.8628	11.261	11.4669
0	0	0	0	0	0
12.5894	8.73792	11.1142	11.9388	10.9509	13.2613
0.228343	0.143053	0.161614	0.269283	0.221268	0.115675
27.1339	26.2097	28.8233	27.4556	23.1132	26.7917
0.0370936	0.185908	0.120017	0.0807585	0.0575111	0.0300656
8.73656	7.13314	9.03093	9.1183	5.911	8.648
16.1787	15.1579	14.7372	14.9541	11.5533	14.1176
2.27451	2.09576	2.39873	2.34017	2.44026	2.05359
0.525578	0.453689	0.328704	0.265496	0.32312	0.263686
0.570057	0.62148	0.380993	0.500887	0.475427	0.517919
20.702	17.5152	17.9312	18.6776	23.1199	18.46
5.57788	5.59853	3.70546	3.83388	3.19907	3.21283
0	0	0.0333306	0.0199872	0.0213505	0.0445891
0.796671	0.988695	0.386646	0.346895	0.288209	0.559631
63.9301	51.6075	61.9275	65.21	59.5912	60.1242
3.83675	3.9367	4.09316	3.93543	3.4427	3.15879
9.40816	10.6703	8.56075	7.66391	8.44727	6.32932
0.0470105	0.0591656	0.0523846	0.0841106	0.0658257	0.0430154
2.49597	2.5767	2.75	1.55518	1.1767	2.36195
2.4093	1.82033	2.1889	1.7541	2.72272	3.60117
0	0	0	0	0	0
0	0	0	0	0	0
0	0.174262	0.454921	0.403789	0	0.455851
4.95341	3.50049	3.50371	3.76596	2.11115	3.78896
18.0054	15.4724	12.9187	17.0555	18.371	15.0134
1.12316	0.993512	1.38485	0.856724	1.00702	0.923195
0.0365426	0.0784914	0.0295585	0.0795588	0.0283284	0.029619
13.3642	10.8395	10.2654	10.925	11.4687	12.4709
4.83876	4.69754	4.57035	5.78431	4.53174	4.956
0.173212	0.0446458	0.0252193	0	0.134276	0.0505418
0.082136	0.176423	0.199314	0.119215	0.127346	0.199722

27.6731	28.4759	27.3626	28.4258	22.3607	28.1648
9.6974	9.80799	8.072	10.0888	9.61844	10.9077
3.17556	2.32101	3.31783	2.8807	2.30788	3.86085
0	0	0	0	0	0
34.3216	22.7361	32.5411	34.9978	36.9694	35.2707
10.1253	9.07897	8.83148	8.69524	9.91576	9.22611
9.87856	11.353	9.51149	10.0209	8.37157	9.43157
10.8851	8.90028	11.4445	6.23957	13.7295	14.6848
26.5657	29.1365	33.859	28.0338	25.3466	27.2138
0.3956	0.566485	0.319993	0.287094	0.306676	0.320647
0.0870789	0.0623468	0.158482	0.0315974	0.0337524	0.0352902
4.21391	4.14139	4.79112	3.91555	3.22722	3.76284
2.72437	2.18554	2.52037	1.84916	1.79313	2.66991
1.60245	1.55708	1.48136	1.86899	1.99646	1.66993
0.30362	0.300584	0.145536	0.348196	0.0929861	0.145834
0.600208	0.195335	0.308952	1.62353	0.888282	3.71501
3.74728	2.81075	3.26077	2.48996	2.31386	2.8999
0.0906466	0.090141	0.0733222	0.0913669	0.0702707	0.0734721
1.31322	1.64542	1.70716	1.12321	1.49068	0.684261
30.7524	35.2318	32.4364	26.0723	22.3029	23.5768
4.12511	2.80204	4.46607	3.60776	3.93582	4.04655
0.0248404	0.0296421	0.00669764	0.0180272	0.0320945	0.020134
0	0	0	0	0	0
0	0	0	0	0	0.104852
29.0924	24.3926	28.2479	26.9288	25.8964	26.4028
0.0401821	0	0	0	0	0
3.81647	2.60995	2.83456	3.38354	3.30988	4.48091
4.77456	3.17999	3.36806	3.86789	3.5722	4.38743
11.1754	11.5836	12.4303	11.4865	9.94744	10.5687
53.0754	58.7089	54.8558	48.9076	47.3877	41.3168
12.4788	16.2175	15.2681	14.7257	10.2022	12.2819
7.965	8.24628	6.92669	8.30415	5.65279	6.09219
7.91119	12.683	10.044	8.66188	33.3842	6.83051
11.2121	16.0006	9.30255	8.34682	10.5976	14.5304
0	0	0	0	0	0
3.88895	1.20799	3.90935	4.58134	4.78513	3.93648
7.16628	5.82935	7.28216	6.59735	5.66188	6.12173
1.30952	0.831371	1.07586	0.536249	0.392794	0.462025
0	0	0	0	0	0
0.442692	0	0.716168	0	1.02954	0.358816
0	0	0	0	0	0
8.45188	5.18411	8.02789	8.83971	5.58787	6.72403
0	0	0	0	0	0

5.86235	4.24371	3.32722	2.20954	2.96282	6.19553
0	0	0	0	0	0
10.806	10.1263	13.4682	11.2122	10.5123	12.9376
25.845	40.9357	34.2695	37.6119	39.8052	51.7316
0.0805097	0.0144109	0.0325613	0.0146068	0.0936186	0
104.581	94.8846	105.692	109.093	122.847	101.076
0	0	0	0	0	0
12.1485	12.378	12.0943	13.6012	10.5042	12.8344
17.2186	16.0977	16.7334	15.4625	15.8931	15.5127
10.6773	7.47048	8.99499	8.76857	9.2435	10.3432
7.38324	7.04758	5.52575	6.43831	4.84058	6.17281
10.1548	9.43746	10.034	12.0932	10.4807	12.2804
5.23656	4.09198	4.86004	6.52536	5.26529	4.16062
7.56008	5.01741	5.78012	5.78712	5.98112	5.49814
0	0	0	0	0	0
0.266264	0.317733	0.143584	0.193232	0.0688039	0.50357
0.0769943	0.0551264	0.124558	0.111752	0.179062	0
3.88218	4.88269	5.58366	3.38875	4.24921	3.01141
7.54948	6.40179	5.28786	5.84609	5.49283	6.27294
0.802601	1.09183	0.454445	0.873693	0.435532	0.260214
0.219807	0	0.0888986	0	0	0
9.76017	10.9221	7.31	5.90261	6.24915	8.49694
2.45015	2.07731	1.87093	2.78689	2.59895	3.16413
46.1496	44.8283	50.0168	44.0537	45.6229	49.4124
19.0225	20.1107	16.5526	20.0039	17.8746	16.3316
7.25045	6.20971	6.60712	7.98148	7.17406	6.98017
3.01844	3.48907	2.61805	3.16704	2.07211	2.26969
1.89537	2.26175	1.21864	1.86928	0.565125	0.630263
1.00697	1.02998	1.04374	0.881046	1.29215	1.32582
1.7649	1.48026	1.01971	1.31742	1.25091	0.817436
0	0	0	0	0	0
9.56983	7.22584	8.78962	8.2383	8.68718	9.46802
8.95122	10.8385	10.0434	9.10372	8.88345	8.13402
0	0	0	0	0	0
28.7182	24.486	28.0879	27.0898	22.0254	24.9619
9.32752	6.97469	9.18301	8.96067	6.42852	7.13228
0	0	0	0.096589	0	0
2.8683	4.89717	2.32011	3.04231	3.24981	3.0402
3.45464	4.07062	3.43439	4.33471	2.34307	2.74147
2.76577	4.27296	2.31025	2.93445	2.167	1.77849
21.5604	27.2717	35.9695	34.0317	31.8958	22.7424
0	0	0.0664119	0	0	0
7.18776	5.80489	4.56946	6.95504	6.8336	6.96532

7.72926	8.05001	7.62469	5.94249	5.22549	6.23265
13.4519	12.9556	13.8854	14.6799	14.1247	14.1986
4.67553	5.41409	5.22946	4.64983	4.74323	4.21075
0	0	0	0	0	0
6.12631	3.46392	3.24832	4.26742	3.51338	3.12709
7.50286	6.25122	7.14991	7.37065	7.76604	8.37765
0	0	0	0	0	0
27.9765	26.8876	27.9353	24.6526	24.5958	25.5635
0	0	0	0	0	0
31.4282	35.3812	29.5417	27.3417	27.8609	27.6479
1.12408	1.04014	0.576987	0.840812	0.755482	0.929307
0	0	0	0	0	0
22.638	20.9838	20.5791	24.0344	21.4624	19.7599
0	0	0	0	0	0
17.6199	16.0291	19.9371	15.9593	17.7304	15.9949
1.0755	0.860634	1.07465	1.19373	0.196176	0.871733
5.06324	4.73493	1.25374	4.79933	1.20156	6.03026
5.8362	4.20914	3.95589	5.98285	6.44277	9.55337
0	0.104119	0.588141	0	0	0.117869
43.5019	33.9627	41.9719	39.1	41.409	37.1105
14.5198	14.2745	12.9665	13.6648	12.1614	12.9277
15.7382	12.4928	13.1837	12.5097	12.5682	14.2358
0	0	0	0	0	0
8.41401	9.20209	9.65602	8.41976	9.342	11.272
16.6785	12.7948	15.0087	14.2137	14.9022	14.6086
10.6657	9.90471	12.9267	12.5429	15.1721	10.3853
0	0	0	0	0	0
8.09838	5.58769	6.47131	7.04403	4.52988	6.94545
0	0	0	0	0	0
11.5637	10.2371	10.8896	12.1402	10.9663	10.563
0.51717	0.277949	0.287301	0.562393	0.350438	0.287889
0	0.041918	0	0.0392501	0	0
41.2938	34.6267	38.2772	42.1898	38.6182	43.4034
0	0.00908078	0	0	0.0393285	0
22.9832	22.7499	21.3085	25.0564	20.8426	19.9552
0.0467674	0.0238565	0.0265515	0.0109718	6.67E-64	0.0506709
0	0	0	0	0	0
7.97148	5.78302	6.8152	5.96128	5.99955	7.87319
19.8081	13.8932	17.6549	18.8111	22.9179	10.8203
1.75927	1.47985	1.91695	1.55563	1.58728	1.524
0	0	0	0	0	0
5.75007	3.84661	4.08226	4.17223	4.51358	5.1405
0	0.0817761	0.184773	0.124332	0.0442708	0.0231439

0.175806	0.195834	0.191606	0.168907	0.228394	0.188648
28.5861	29.1898	30.6195	27.2933	31.282	30.8809
1065.57	2409.5	1576.05	1266.85	920.699	1914.39
0	0	0	0	0	0
0	0	0	0	0	0
1.02355	0.850096	0.46364	0.564534	0.761732	0.929175
2.09091	2.00498	1.14766	1.89676	1.76563	1.2408
0	0	0	0	0	0
1.18107	0.948975	0.944726	0.876168	0.874889	0.893475
26.4742	27.3462	25.7735	25.4019	25.147	23.5786
0	0	0	0	0	0.0321676
37.983	29.4599	31.1192	33.7585	40.319	28.2415
0.477863	0.373245	0.281115	0.378321	0.151546	0.475352
2.66262	1.95214	2.17097	2.36515	1.98154	1.55386
0.254236	0.187543	0.7336	0	0.393919	0.206596
0	0	0	0	0	0.0616348
4.07525	3.22231	2.376	3.80808	3.71349	3.53247
19.9865	16.2948	18.9877	19.1447	16.0138	21.7446
0	0	0	0	0	0
0.0334304	0.0478711	0	0.0485221	0.0259158	0.0270965
5.43667	4.0435	5.42158	5.37247	4.74943	7.17105
2.66149	2.47391	1.81291	2.50755	2.64238	2.68708
5.2542	5.40349	5.40911	5.5925	3.87565	4.85238
1.1928	0.894691	1.01078	1.00991	0.770565	1.24304
0	0	0	0	0	0
351.625	260.2	271.005	358.473	332.017	264.808
0.211464	0	0	0	0.192245	0
8.20966	8.38712	12.0045	5.65016	10.4916	10.8623
51.9838	42.6513	54.2816	59.6717	61.1724	51.4538
1.29292	1.07187	1.26599	0.938298	0.633028	0.551557
8.68074	8.49423	8.80668	8.02061	7.07055	7.24477
0	0	0	0.0174364	0	0.0194743
14.2926	11.5085	13.5595	14.4483	13.4962	13.5057
0	0	0	0	0	0
6.46327	6.75052	5.55927	4.70436	5.80428	6.04385
0	0	0	0	0	0
0	0.0242653	0	0	0	0.0274698
0	0	0	0	0	0
4.59457	5.42788	4.36683	3.08428	2.49325	7.1688
0.631314	1.35603	0.919183	1.37447	1.27245	0.204681
14.904	14.4674	15.495	18.9895	16.1554	16.378
0.0977077	0.0856938	0.0322709	0.084547	0.0620704	0.0880281
1.07531	2.95544	1.59931	2.2656	2.12433	2.193

0.921567	0.590369	1.02007	0.422399	0.714413	1.57255
3.56718	3.15357	1.31402	2.23631	0.986692	0.977348
866.251	1506.79	992.083	1009.66	816.518	1681.42
14.5922	14.599	9.6945	8.58484	9.01954	10.9444
0.196861	0.422845	0.0796183	0.214298	0.0763047	0.239343
20.385	17.4202	20.5508	20.5638	21.1321	18.8001
11.7715	11.9963	8.93094	7.85685	6.54433	7.55633
0.834413	0.830691	0.464149	0.577178	0.434733	0.708007
9.90942	9.84607	10.7606	11.0102	11.8851	10.9048
11.2093	9.18918	7.95748	9.36081	7.9377	8.73467
0	0	0	0	0	0
146.77	221.49	137.748	76.047	98.4458	161.921
0	0	0	0	0.160486	0
1.98008	0.590708	0.667353	0.838238	1.40707	1.47118
5.12624	6.37642	7.89839	7.28618	5.73114	5.56481
0	0	0.033888	0.212827	0.0324776	0.237701
2.93983	2.43111	3.07947	2.3255	2.33598	3.25256
0	0.0257682	0	0	0	0
0	0	0	0.0896374	0	0.100113
0	0	0	0	0	0
0.117525	0.168291	0.135805	0.0609213	0.0780917	0.0272165
2.04968	2.70971	2.53408	3.23655	2.54211	4.02789
30.2211	31.0258	26.865	30.9461	28.9737	32.2714
17.5559	23.6511	20.5535	16.1501	19.1613	10.425
21.3068	28.1413	24.1283	23.094	20.7552	21.4992
1.20069	1.5247	1.04452	1.15092	0.702487	1.15682
9.81132	9.15606	8.00989	10.0742	8.9952	9.25729
6.78237	5.23889	8.52512	7.54652	7.07949	9.69448
36.1687	35.5905	31.9942	35.3342	32.7476	31.6086
22.4916	18.4349	21.6016	18.5821	22.5526	22.1461
59.4032	56.2633	59.7964	60.5936	58.9986	61.7662
9.99865	10.8617	9.41241	9.34131	7.52837	8.57
0	0	0	0	0	0
2.17549	1.85302	1.57767	1.87822	1.10493	1.7025
0	0	0	0	0	0.228764
0.0987287	0	0.159719	0	0	0
4.89721	3.55305	4.46297	3.93305	3.8217	4.55147
10.8456	7.26941	10.6607	9.01683	10.3996	11.4628
13.4592	10.7101	11.1871	10.1869	8.21934	13.2609
8.2409	8.95817	9.30956	9.7639	9.34179	10.5475
9.02209	7.6555	6.99756	7.73889	7.43673	6.94245
6.42489	4.87069	5.93425	6.19536	5.46323	6.09053
23.1213	26.0178	19.1736	16.8456	14.1699	15.3467

20.0544	18.3934	17.8182	19.4743	13.4654	16.0068
2.96085	2.58015	2.86766	3.15243	2.26509	2.763
15.4121	19.2904	18.2842	14.057	22.5826	14.0651
1.72189	1.62324	1.92671	2.54087	2.00226	1.90739
0.256333	0.403765	0.248811	0.334846	0.357684	0.457086
2851.87	3062.79	1730.18	4655.55	4696.8	3178.22
0.821757	0.536229	1.19478	1.38145	1.00797	1.03703
0	0	0.00596997	0	0	0
0.828902	1.03859	0.880008	0.82713	0.642578	0.797826
15.6583	18.6995	21.8216	20.4106	17.8024	19.2259
0.50572	0.607241	0.398266	0.301683	0.114188	0.614378
4.00744	3.05053	3.01262	3.52535	2.82144	3.34653
0	0	0	0	0	0
0	0	0	0.381986	0	0
1.11325	0.706489	1.07444	0.716097	0.735517	0.758773
8.21095	8.00494	9.42571	6.61185	10.725	8.82504
15.6345	14.4877	13.6441	15.846	11.474	14.0368
16.0777	21.6169	17.9648	15.674	15.0088	17.6102
0.529718	0.382653	0.320514	0.497501	0.321544	0.409765
0	0.0276421	0.0312286	0.112072	0	0.062585
12.7252	10.5899	11.785	10.493	10.0697	9.88074
21.8327	21.4848	20.8978	23.9483	22.505	21.0439
3.11E-09	4.36E-10	2.34E-09	0	0	0
10.0953	7.55908	9.21436	11.7095	8.7429	11.0322
7.16055	5.92211	10.108	8.16187	7.33465	8.42444
0.818091	1.3918	0.434252	0.812142	1.11041	0.775256
0	0	0	0	0	0
9.04457	8.97586	7.50118	8.55787	15.0436	7.56292
24.699	17.9029	23.5807	23.0665	20.497	21.8187
0	0	0	0	0	0.0406091
0.00035037	0.00013249	5.07607	0.00010999	2.73284	0.0068244
0.970561	0.860356	0.89722	1.39194	0.841965	0.955245
8.97471	10.4886	11.7396	10.6793	8.86554	12.4046
0	0.135317	0.152874	0.137157	0	0.306374
0.32365	0.211162	0.23856	0.379853	0.362908	0.147559
0	0	0	0	0	0
2.70241	1.87336	1.09296	1.9045	1.29572	1.66495
1.71041	0.69709	2.9373	1.89055	1.8767	2.04752
5.27419	4.99518	5.07512	4.91623	5.40844	5.03725
25.8398	36.6712	25.353	24.9836	18.0838	24.0675
0.0521358	0.149313	0.0843432	0.0756718	0.080833	0.169031
0	0	0	0	0	0
0.0894503	0.0161283	0.0607817	0.0482148	0.0129412	0.153333



0	0	0.0927669	0.0832295	0	0.464783
0.315291	0.423267	0.255033	0.314617	0.641599	0.127777
1.09568	1.23276	0.50644	0.567965	0.242681	1.14182
13.9074	11.9909	12.5264	11.7783	12.0041	12.6613
28.0348	23.6336	35.7363	32.6413	38.6204	40.7464
32.897	30.6162	25.6242	23.538	29.4694	19.2377
7.09693	6.016	6.11962	7.3854	5.00855	4.8026
21.0624	19.5088	22.4457	18.4395	14.1249	18.5622
0.245912	0.140855	0.198913	0.178463	0.190635	0.39864
0	0.035981	0	0	0	0
18.7943	22.8573	24.4843	23.8977	17.934	21.7023
2.96893	2.61754	1.52621	2.2668	1.05533	1.10342
24.9238	20.9387	24.3402	23.8259	26.8323	25.789
2.85749	2.36066	2.13357	1.99397	1.19278	1.33621
0	0	0	0.0235567	0	0
0	0	0	0	0	0
9.59408	8.90667	8.995	10.026	8.7662	9.96499
0.934605	0.636993	1.00325	0.661862	0.593853	0.931332
77.5805	83.653	75.9072	77.9502	76.522	70.0177
1.4105	0.487544	0.452519	0.977048	0.545642	0.72923
4.94626	3.47147	4.74184	4.51136	3.92909	5.36528
0	0	0	0	0	0
0.319321	0.408263	0.387438	0.248289	0.265224	0.351256
17.6161	14.1976	14.8504	15.0586	13.329	17.94
7.49947	7.2861	7.8292	9.43663	7.84434	7.83472
31.187	34.339	37.9636	39.0687	43.9098	35.7163
11.7078	16.4494	13.5911	17.3841	16.709	15.4453
0.477593	0.0682001	0.19503	0.174979	0.184606	0.11581
0.908163	0.918131	1.01243	1.07269	0.811735	0.985713
0	0	0	0	0.0922018	0
2.88551	2.98848	3.05904	5.52944	2.0849	4.22318
40.3546	36.3174	35.9665	38.034	38.5024	38.1534
0	0	0	0	0	0
12.1696	8.08732	11.4884	12.6409	12.1344	12.5596
36.5272	36.1176	36.534	39.7048	36.6897	43.0318
26.6678	20.6442	23.4692	20.3214	26.2601	26.1013
4.25638	3.99766	4.77557	4.55023	4.43484	5.11919
4.96787	4.12898	4.49612	4.65155	5.37278	5.51901
6.3275	4.75007	6.06571	6.84144	5.73085	6.52366
0	0	0.0188075	0	0	0
3.94048	1.41065	6.50755	6.79173	6.49128	7.85164
11.8347	9.69115	9.86157	11.4121	12.1153	10.8138
0.0925077	0.0331169	0.149655	0.0671345	0.10757	0

0.274649	0.157315	0.222158	0.358773	0.212913	0.267135
0	0	0	0	0	0
10.8766	14.8698	15.6225	14.6985	11.6066	12.0447
0	0	0.0317018	0	0.136721	0
29.9785	32.9261	31.087	29.9818	26.8122	28.2472
22.4993	17.292	14.6809	14.7804	27.0499	17.4476
0.153017	0	0.0644646	0.0487048	0.0576629	0.383019
0	0	0	0	0	0
0.938848	0.639407	1.09282	0.913992	0.967455	0.816649
3.98584	3.59577	4.44921	3.55789	4.23314	3.9414
17.9454	15.1472	16.8205	16.982	18.2916	16.7442
8.8902	7.58551	9.52577	8.62207	9.38808	9.56562
16.3101	27.2131	19.1714	28.0321	18.4476	21.9552
25.697	19.6146	23.8792	26.4855	26.3579	24.0868
32.3075	45.5872	34.304	36.5716	34.3421	33.6961
5.26089	4.64917	4.48029	4.00721	4.21466	3.87858
0	0	0	0	0	0
10.2837	1.86673	3.22112	0.810124	0.707045	1.92494
3.26653	3.21581	4.45876	2.96322	2.8488	3.97145
0	0	0.0188075	0	0	0
4.11765	2.7033	2.96369	3.26085	4.73845	1.76424
0.966854	0.525154	0.566326	0.82264	0.775366	0.756645
9.94228	13.5325	12.4311	12.9237	10.4174	7.8812
9.04137	5.68293	7.20423	7.48739	6.65713	6.85105
57.9184	52.9257	60.0774	57.3459	59.2401	50.0854
0.115882	0.0553131	0.031245	0.0560653	0	0.0939266
8.87226	5.83576	7.73861	7.93208	7.62371	7.73277
12.5571	12.1963	14.0094	13.4154	11.2413	10.304
1.33292	0.763477	0.646904	1.16079	0.20666	0.432151
0.124207	0.0782116	0.150535	0.0448857	0.0361317	0.0502718
0.957808	0.685772	0.449856	0.672676	0.574845	1.1019
0.0890868	0.0318922	0.0360303	0.0646519	0.0863268	0.0722078
34.4257	41.5779	43.2766	45.878	51.5176	51.1319
96.5442	112.638	99.1819	111.894	98.6263	85.5691
433.157	448.731	444.631	457.615	505.765	364.759
5.94513	6.9138	4.92522	5.54394	4.87216	8.42478
3.91954	3.27436	4.8531	5.45114	4.61003	4.71691
0.744738	0.527502	0.642962	0.644194	0.505845	0.791235
289.715	285.024	286.012	304.873	312.313	287.76
0.076119	0.0181666	0.0205237	0	0.0786782	0.0822627
0	0	0.163436	0	0	0.0818853
0.109238	0.127095	0.0883603	0.0693664	0.0529268	0.143879
0.0781356	0.279718	0.505618	0.113409	0.181716	0.189995

97.0157	93.9105	90.2848	127.098	108.959	109.848
0	0	0	0.0326371	0	0
0.535705	0.509454	0.41069	0.47341	0.564563	0.768872
3.56396	4.125	3.07479	2.28452	2.85473	2.64802
4.35E-05	0.00016091	0.00183083	0.00022091	5.90E-05	0.00295876
7.05762	5.63706	7.21517	6.67378	6.18806	6.86557
3.33117	3.64573	3.56061	3.72984	2.71149	2.83503
1.18027	1.12187	1.3662	1.53587	1.6564	1.94628
6.95801	4.63928	5.80558	6.06234	6.11265	4.52471
70.665	86.777	60.31	65.849	52.1491	61.7833
37.2752	19.5493	34.4767	23.6355	15.8985	43.5215
0.857239	0.613767	0.938134	0.878278	0.351818	0.817436
5.88432	4.49669	4.7484	5.23682	6.28387	6.20303
0	0	0	0	0	0
282.151	282.886	275.644	267.165	284.247	251.117
3.23519	2.7683	2.52114	2.80595	2.04919	2.94201
0.236931	0.339277	0	0	0	0.192041
0	0	0	0	0	0
0	0	0.395663	0.0443731	0	0
4.53146	3.13736	4.1251	3.50563	3.46649	4.26687
8.66799	8.55408	7.33972	6.5158	5.92359	7.99343
33.3115	28.1525	34.4298	33.3842	37.1704	34.8898
0.129888	0.185994	0.0350212	0.0314207	0.134255	0.105278
720.139	488.95	2634.16	3779.66	1551.96	2835.11
9.44753	8.68926	9.59015	9.74237	9.32129	11.8949
11.9453	12.6411	9.56802	9.3032	8.49224	10.7211
0	0	0	0	0	0
0.0464792	0.166391	0.018798	0.0168654	0.0720627	0.0188365
0.640692	0.86916	0.709175	0.783094	0.313689	0.683293
0	0	0	0	0	0
28.4562	37.0194	33.2236	36.5877	34.3382	30.5934
24.0328	19.0216	22.1277	20.7828	23.3601	22.0122
0.167162	0.478739	0	0.121312	0.518346	0
11.2054	7.61306	9.42488	10.9894	11.2939	6.75512
2.03437	1.69607	0.957065	1.42428	0.947685	2.76296
0.0727091	0.0390438	0.063714	0.0307804	0.0375768	0.0441999
13.3096	10.9087	12.2735	12.6487	10.6475	12.1972
90.0402	120.071	83.1037	64.4611	81.6894	82.3606
9.02909	8.85656	8.81058	6.45338	9.73281	6.72424
0	0	0	0.0204359	0.0873222	0.0228243
28.7424	30.0147	36.2835	29.7202	27.1487	15.8203
0.0337052	0.0542977	0	0.0244605	0	0
41.2546	39.8831	39.9134	37.3197	27.27	34.5492

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.110783	0.165656	0	0.0370033
206.038	186.281	173.491	185.575	145.448	168.028
2.4087	2.09686	3.29744	2.19657	2.45286	3.33598
0.0328208	0.0469982	0	0	0	0.0266024
3.09743	5.37716	1.32136	0.615851	1.56241	1.28968
0	0.032406	0.0366107	0	0	0.0366855
37.4477	30.7085	34.1927	32.9439	32.2183	35.7915
12.2498	8.61209	11.5874	11.5416	11.9107	10.6017
7.29778	5.85564	5.74456	7.23303	6.52994	7.04579
0	0	0	0	0	0
12.5211	17.3219	9.78471	10.4729	10.3646	9.46069
2.94982	3.88843	3.69563	3.38633	2.92103	3.13128
30.6868	30.6	27.0076	32.0195	26.9505	27.7044
0.901283	1.01405	0.624883	0.685224	0.865043	0.41744
0.335872	0.616879	0.75598	0.445106	0.294335	0.426108
0.0938329	0	0	0	0	0.0760547
1.36795	1.95885	3.31952	2.18404	2.01487	1.99579
0.295548	0.0423214	0.0956253	0.042897	0.0458228	0.143731
3.12573	2.94469	3.21587	3.4225	2.29558	4.00028
5.44379	4.66466	4.52716	5.01369	3.45744	4.67818
62.9459	56.5387	60.0826	67.9764	71.7659	50.1344
13.2872	14.5396	14.827	14.8714	14.7407	16.4587
16.5249	13.7427	14.5144	15.6356	16.5282	16.8314
2.85829	2.60072	2.60773	2.70362	2.27039	2.18579
319.637	297.284	322.255	326.464	383.269	330.836
0	0.0956827	0.300272	0.0375705	0	0.0481415
2.13568	2.66642	2.09344	1.74041	1.31621	2.02344
0	0	0	0.00777029	0	0
1.14855	1.16455	1.7651	1.4359	1.15772	1.48205
0	0	0	0	0	0
35.283	34.825	42.2707	37.8173	46.4791	34.5176
12.0743	13.6367	15.3856	14.592	12.0821	14.0248
0.301169	0.308045	0.278411	0.265399	0.300177	0.226672
0.505586	0.525885	0.649702	0.782452	0.658182	1.22689
0.228958	0.461983	0.45458	0.332317	0.371119	0.354285
0.103093	0.0984172	0.0833901	0.149633	0.0532797	0.111414
10.4884	12.8186	9.24373	7.45388	6.96058	6.99975
0	0	0	0.137509	0	0
49.5202	57.2777	57.3378	59.6991	63.5369	44.7117
3.67878	7.43869	2.15819	2.46439	1.44159	3.17837
0.870322	3.00571	1.15951	0.965989	0.79375	1.16188

51.5881	51.1633	56.9518	53.5924	59.1732	63.5468
0.588774	0.479035	0.974265	0.932358	1.14107	0.846125
0	0	0	0	0	0
0.566859	0.607582	0.509115	0.367747	0.441497	0.665533
0.669688	1.37432	1.7551	0.60463	0.390732	0.522959
14.2311	20.6695	17.7132	11.4659	8.28538	15.6308
0	0	0	0	0	0
11.9716	10.341	9.99595	11.4906	15.4476	8.32612
11.9272	8.74944	11.9048	10.0953	11.2135	11.6117
5.86994	5.19816	5.56025	7.67907	5.80783	6.44805
7.39615	6.99663	6.19612	3.06933	4.50349	4.9227
0	0	0	0	0	0
0.55433	0.488058	0.478632	0.265282	0.330272	0.296285
36.3363	29.3709	35.4484	34.4376	45.4755	31.0901
0.0497125	0.10678	0	0.108232	0.0385379	0.0402936
0.253708	0.257337	0.393337	0.245494	0.196678	0.411277
0.045968	0.0940349	0.270419	0.0370664	0.0712702	0
1.67132	1.26017	1.49549	1.0412	1.05485	0.995055
0.0983324	0.0704041	0.0750403	0.266748	0.337709	0.413788
2.51785	1.76463	1.65027	1.90429	1.9761	2.77626
0.574461	0.376315	0.387566	0.312081	0.15125	0.234306
40.3986	41.3209	42.2823	40.6793	43.6081	41.0784
7.80396	7.67492	7.64232	7.06341	4.96218	6.54309
7.67157	4.65929	7.06068	6.37463	6.13684	4.42706
0	0	0	0	0	0
1.5518	1.11558	1.61809	1.78952	1.00795	1.37739
14.0913	12.322	14.418	14.7281	15.9709	13.6448
0.189968	0.136014	0.153661	0.611039	0.294533	0.615903
1.01026	0	0.653746	0.733167	1.01812	1.06451
2.49102	2.89023	3.45344	2.39603	2.07169	2.62257
34.4256	26.7902	32.2477	33.5598	30.9636	35.4813
0	0	0	0	0	0
0	0	0	0	0	0
50.8219	61.4124	42.3647	36.646	32.8377	49.3684
0	0	0	0.217292	0	0
11.2722	10.2435	15.9124	12.6246	13.0655	10.3993
37.7494	35.7057	30.1851	38.916	35.2578	38.8129
58.8079	61.531	64.216	64.7583	62.753	59.7704
25.3498	23.2488	22.9655	24.7116	23.7098	24.4269
0.0851279	0.0565964	0.0541029	0.0573661	0.0895612	0.068999
0.406433	0.581997	1.31502	0.294956	0.94522	0.988284
0	0	0	0	0	0
1029.96	1577.75	1147.38	1226.8	1179.26	1079.52

0	0.0197931	0.0223612	0	0	0.0224069
27.2829	33.4032	26.716	27.6848	28.325	29.4136
5.83928	7.57629	7.59378	6.41504	10.504	6.66795
28.8959	45.8255	19.2979	19.0952	35.4629	40.613
1.08798	1.03863	0.880047	1.57914	1.4057	0.881846
0.0893024	0.0319694	0.0361175	0.0324042	0.0519215	0.0180957
33.4735	32.0088	37.9186	35.0527	33.6701	29.3772
0	0	0	0	0	0
53.2692	48.2363	43.3509	52.0413	30.5565	40.4515
0.170394	0.0975991	0.137828	0.14839	0.158511	0.165732
0.608136	1.05187	1.00889	0.766183	0.689835	0.909183
2.76256	2.15573	1.48135	1.77958	0.794068	1.23279
0.294602	0.632789	0.170213	0.244341	0.163129	0.341122
1.04885	0.750958	0.754129	0.592022	0.451715	0.613983
0.43896	0.157143	0.443832	0.238921	0.340288	0.0889479
105.658	93.838	67.8401	78.9987	54.2194	60.9717
33.3374	29.0835	29.8212	28.6984	31.8827	26.5845
0.362773	0.246752	0.557536	0.671341	0.224982	0.36755
4.02718	3.90766	3.98643	3.03087	2.6291	3.12993
16.806	15.6101	15.3698	17.1775	14.8671	18.101
0	0	0	0	0	0
5.98623	2.14301	4.84214	1.08608	1.16016	3.63903
7.11076	7.22923	5.89273	8.30267	8.96371	6.2808
0.272687	0.320595	0.169276	0.283799	0.196319	0.297573
34.4485	30.2108	33.0742	30.8715	27.2877	29.2719
29.5415	30.9776	32.0996	30.8379	32.1667	34.8698
2.46615	1.94531	2.33928	2.51133	2.77399	3.35551
0	0	0	0	0	0
44.7564	44.7541	39.4394	50.2975	50.5866	45.4678
2.29497	1.68515	1.87302	2.18098	1.31925	2.9156
0.0365468	0.0261668	0.133029	0.0530454	0.0283317	0.0888673
1.30E-267	1.02E-213	2.40E-219	4.03E-239	4.35E-162	8.34E-188
2.98257	5.72423	2.245	4.32901	2.66538	3.32403
43.9992	44.358	42.3283	45.0573	41.6146	36.8291
0.0116722	0	0	0	0	0
0	0.0426884	0.0241136	0.0216345	0.0924403	0.0483259
0	0	0	0	0	0
83.8621	180.131	169.586	213.011	162.528	135.946
0.209913	0.488454	0.933867	0.552223	0.101705	0.191409
0	0	0	0	0	0
1.22771	1.56525	1.56561	1.28025	1.43537	1.17118
1158.2	1151.77	802.241	1221.83	1342.66	1204.98
0.431192	0.106123	0.113296	0.282358	0.301616	0.287369

0	0	0	0	0	0
4.48847	7.68753	4.69218	3.58242	3.82676	4.49939
0	0.0697181	0	0.119161	0.0282863	0
113.353	108.299	117.573	118.393	133.397	116.931
0.197069	0.417193	0.996288	0.441848	0.381124	0
0	0	0	0	0	0
8.28029	6.51383	7.5723	6.73638	6.9914	7.48092
5.40E-72	9.03E-145	3.88E-33	5.60E-35	7.63E-22	9.25E-48
19.6638	18.9767	19.9571	20.7998	23.5127	21.9087
106.495	117.929	114.062	114.939	118.322	117.064
6.74452	6.1697	7.0851	7.61973	7.83719	3.647
40.0081	42.5717	45.4424	49.8985	47.5367	45.8458
16.6694	14.3588	14.6344	15.1416	15.9746	15.1217
4.73761	3.82691	5.6598	5.65981	4.33186	4.47014
0.819824	0.624848	0.727314	0.882846	0.615039	0.750236
57.4934	70.949	29.0225	37.2703	29.429	17.2379
9.70501	8.40635	7.60315	11.3527	10.0225	11.6343
0.248134	0.226112	0.25545	0.0982229	0.192357	0.219405
14.6806	15.8389	21.1162	15.8048	17.7607	16.5211
8.15683	6.62761	7.87266	7.35321	7.31197	7.01689
0	0	0	0	0	0
0.407502	0.33665	0.291587	0.272983	0.522453	0.508145
22.7548	20.1579	21.2344	21.8472	22.6162	23.4653
0.216657	0.0688998	0.0493577	0.122269	0.146878	0.267441
0.032023	0	0.0259027	0.0309862	0	0.0432595
0	0	0.184103	0	0.132331	0.18448
0	0	0	0	0	0
74.1606	79.2727	81.2079	80.2306	84.4002	77.2882
2.01544	1.54821	2.11732	1.95557	2.18542	2.04684
96.7367	91.9156	78.4791	101.466	192.104	53.6456
13.7875	23.583	12.1996	14.5838	7.04059	7.79437
11.7101	9.10156	11.7514	13.2699	11.408	12.6383
79.0417	70.6061	78.9054	84.8621	97.8759	79.1054
7.76882	5.10871	5.05446	5.01099	5.89697	3.39564
3.7105	3.14208	3.55973	3.70368	4.05185	4.03662
2.46663	2.00331	2.39257	2.48909	2.84361	2.65665
0	0	0	0	0	0
3.56468	3.56539	1.93556	2.46464	1.45618	1.49116
0	0	0	0	0	0
0.630081	0.639095	0.212358	0.571576	0.122112	0.383026
92.2203	85.324	76.5285	86.8551	82.9095	70.785
0.0928878	0.299277	0	0.0674103	0	0
2.20256	1.72051	2.76103	2.63197	2.59231	3.08369

0.105041	0.0891347	0.0377622	0.0762301	0.0542862	0.0378395
35.3118	34.8188	33.8463	36.785	32.4192	35.1131
80.8621	78.9916	69.4985	76.8345	76.8761	67.591
29.2204	30.2276	30.1255	28.4772	31.9551	26.4939
1.28069	0.941281	1.15336	0.947145	2.15486	1.85405
0.905256	0.531317	0.679788	0.82567	1.21715	0.66977
28.8959	45.8255	19.1983	19.0952	35.3285	40.613
0.527862	0.541776	0.695949	0.855708	0.628513	0.380534
0.765084	0.528964	0.639638	0.698357	0.661118	0.834306
0	0	0	0	0	0
0	0	0	0	0	0
8.05317	6.7797	7.05808	6.83337	7.17595	7.58896
63.4633	78.5744	66.2521	63.6859	58.3955	73.5012
0	0	0	0	0	0
16.72	14.4272	16.9056	17.9866	18.4562	18.9288
26.5533	26.8945	21.2165	23.7509	35.6564	31.8635
0	0.0157983	0.0178481	0.0480395	0.0342107	0.0357693
4.9315	4.95747	5.39924	7.44696	3.66851	6.62154
0	0	0	0	0	0
25.2351	26.2331	25.7385	26.2645	21.0093	27.3127
4.08256	4.3449	3.65858	4.34711	3.53647	4.25213
3.55551	2.87904	4.17701	2.7646	3.34692	3.43078
0	0	0	0	0	0
27.3688	21.7639	22.5365	29.551	22.7677	24.1836
0.135114	0.0134355	0.0607164	0.0544741	0.0145471	0.0811215
0	0	0	0	0	0
23.609	22.6906	25.2262	24.1235	24.1429	24.6901
24.8999	24.7425	30.214	27.542	32.6377	28.8352
0.74477	0.958662	0.386603	0.411331	0.439386	0.435388
0	0	0.0330988	0	0	0.0331664
0.624173	0.622462	0.685195	0.566217	0.34562	0.415571
31.3894	31.6235	29.6913	29.6262	30.2064	25.3726
0	0	0	0	0	0
43.996	42.4405	44.3601	40.2614	32.7789	30.5888
4.57118	5.59834	6.32472	5.76177	4.75595	4.58261
0	0	0.122417	0.0549155	0	0.0613336
0.278672	1.11687	0.31341	1.32234	1.73747	1.40113
1.55026	0.375828	0.58015	0.438459	0.557149	0.559318
26.5899	25.1983	24.5205	23.1559	22.6354	22.6575
23.125	19.5457	22.3664	23.8896	21.3416	23.1524
13.4579	12.1223	11.198	13.9161	12.1622	12.2105
29.7793	12.5694	15.7781	19.3464	21.1364	6.81601
667.915	1148.92	1106.63	1024.66	968.681	958.48



0	0	0	0	0	0
0.331997	0.323027	0.272391	0.0395107	0.189925	0.180191
0.127624	0.137065	0.41293	0.0926191	0.0989361	0.155165
0.485787	0.347814	0.916868	0.528817	0.0627649	0.131249
0	0	0	0	0	0
30.8788	24.3779	28.0767	29.4051	27.0864	22.6599
338.522	701.711	452.673	465.668	282.511	746.842
0.247251	0	0	0	0	0
4.31948	5.20473	7.24354	5.1226	2.12346	7.51453
4.31706	4.97323	4.48137	6.14945	5.23879	5.58065
7.87874	7.25591	6.92278	8.22907	9.29332	9.31603
4.29547	2.89574	3.012	3.26912	3.53533	3.01816
57.0961	54.4458	68.762	54.3233	57.1901	58.8893
0.0685374	0.0736072	0.0554385	0.0248694	0.0796969	0
5.98061	6.23127	6.46215	6.31601	4.67086	4.55808
0.963203	0.608502	0.596749	0.452303	0.307461	0.369032
0	0	0	0	0	0
0.137813	0.14068	0.111307	0.0855196	0.122005	0.0796811
0	0	0	0	0	0
0.171867	0.106863	0.0914606	0.134574	0.084148	0.179629
9.78368	10.2072	12.2846	11.5446	9.45822	8.57532
0	0.116006	0	0	0	0
0	0	0	0	0	0
24.1167	19.6051	21.535	21.364	22.1188	21.5562
2.8642	2.6332	2.87932	2.71569	2.727	3.20634
23.0092	32.2993	32.0904	27.1934	18.8411	30.6514
0.960974	0.713087	0.752252	0.962932	0.807702	0.8445
7.26626	5.24927	6.00961	5.58135	4.73419	4.69842
9.18105	6.10815	7.42636	7.67471	7.16309	7.56605
0.336219	0.0802422	0	0	0.260642	0.090839
1.22245	2.65731	2.83175	3.40586	0.596241	2.54034
0.161083	0.0288324	0.130297	0	0.0305686	0.146885
0	0	0	0	0	0
17700.1	4480.81	5192.58	3888.7	5106.96	9553.14
211.981	240.485	207.498	156.761	184.097	198.961
2.65279	2.26305	2.19144	2.66248	3.01909	2.69916
4.13193	2.42243	1.9477	2.93634	1.91972	2.54344
6.60926	4.98109	5.45754	5.49938	6.79648	5.98544
2.61622	2.0954	2.31348	2.34916	2.18282	2.92921
0.12277	0.039067	0.044136	0.0197992	0.0422991	0.180591
7.09755	5.65801	6.58617	5.94891	4.76227	6.17282
0	0	0	0	0	0
42.0706	52.6127	47.1846	45.4	41.3686	39.594

22.4677	28.0285	25.9998	16.8159	25.9675	19.8891
0	0.535834	0	1.08624	0	0
10.9989	10.6193	12.3567	11.8925	12.5314	13.6426
0.0341103	0.0976893	0.0827734	0.123772	0.0793285	0.0276476
1.19063	1.09603	0.756704	1.26524	1.58228	0.689319
0.974253	1.11607	1.10328	1.20196	0.604205	0.473799
0	0	0	0	0	0
11.931	11.7102	10.6158	12.8796	8.20857	10.7987
0.130343	0.34981	0.356601	0.212602	0.151893	0.180637
6.57484	5.13711	5.25494	4.86615	4.10585	5.07536
0.970403	0.756124	0.900336	0.931882	0.81868	0.717413
24.5043	20.6209	21.8758	19.388	21.7718	24.5116
0	0	0	0	0	0
48.1685	53.3395	38.2108	44.0612	31.6978	42.5572
0.562737	0.435141	0.418771	0.604414	0.226846	0.510851
15.539	14.7544	15.7115	17.3946	15.5495	15.3057
24.7013	20.0176	21.5454	23.2619	23.4236	24.4646
0	0	5.32656	0	0.0121526	0
59.7598	95.6146	102.744	76.6979	143.134	55.1869
0	0	0	0	0	0
54.4183	54.24	53.6429	57.0535	52.8288	54.3508
0.697069	0.748632	0.704806	0.252938	0.405284	0.282499
10.2595	9.50945	10.1923	9.40849	11.308	10.2259
6.71489	4.77631	6.14154	5.76493	3.94664	5.90509
0	0	0	0	0	0
1.42163	2.75421	2.23221	2.00271	2.07448	2.10121
35.6232	32.4316	34.3902	39.6701	37.4954	40.1579
0.61951	0.575426	0.501109	0.55895	0.272577	0.379993
7.85581	7.9193	5.61708	4.20507	4.50967	6.35918
2.01054	1.59374	0.987389	1.06826	1.22462	1.42591
0.172328	0.123383	0	0	0.0667955	0.139677
16.4959	16.6156	14.9191	14.5687	13.2578	13.6161
0.222636	0	0.360171	0	0.172591	0.541361
0.0212596	0.186573	0.119842	0.0769091	0.135903	0.103032
0.713952	1.13528	1.30854	0.771261	0.627228	0.886955
0.834596	0.329686	0.372462	0.302841	0.412736	0.548173
7.47847	6.10956	6.76268	6.34572	6.15419	7.18061
44.1717	44.718	44.5611	44.2849	36.893	36.0995
8.74439	9.22646	8.59947	8.85094	6.95717	7.83369
3.33025	2.70988	2.43413	2.96184	1.87821	2.57893
65.2496	58.9708	65.9312	71.3976	58.9279	67.1075
0.138334	0.198088	0	0	0.214477	0.112124
0.365209	0.224128	0.211007	0.0757253	0.0404451	0.169151

0	0	0	0	0	0
0.776033	0	0	0	0	0.838424
4.77061	3.67856	5.01557	3.52288	5.24804	3.8949
8.08158	8.33971	8.3367	8.31066	9.05503	8.99022
6.565	2.57765	8.3937	3.38115	7.71602	8.58251
1.74777	1.4313	1.46917	1.58755	1.23978	1.36107
17.6109	17.0289	16.3419	15.8254	15.1853	16.1803
0	0	0	0	0	0
0.290164	0	0.0367007	0.249573	0	0
9.59763	7.16438	8.62298	6.91771	8.94855	7.43464
0.0432243	0.0247582	0.10489	0.0188212	0.0134033	0.105104
16.1727	16.3854	13.1882	16.3336	17.4221	14.322
0	0	4.48546	0	0	0
1.50418	2.08234	1.94215	1.80681	1.30215	1.3859
0	0	0	0	0	0
37.0536	31.4594	33.3382	33.8235	36.1544	32.1844
0	0	9.71E-183	0	0	0
1.11E-05	2.49241	1.04884	0.788527	0.853204	0.209761
0.0181431	0.116911	0.161432	0.105334	0.154713	0.073528
0	0	0	0	0	0
68.3192	58.3752	63.2964	66.0904	74.1686	67.9131
0	0	0	0	0	0
0.188682	0.43905	0.267086	0.513486	0.109702	0.497031
5.53482	6.20339	5.97955	6.16725	5.11457	5.26319
1.27018	0.818908	0.910006	1.15883	1.95616	1.35309
0.105994	0.113834	0	0.0769217	0	0
20.3824	19.2225	20.8091	20.2552	19.8751	18.2376
0.786117	0.938202	0.989313	1.01408	0.54177	0.28304
500.288	342.385	441.312	428.486	461.205	420.113
0	0	0	0	0	0
0.970464	0.442167	0.856351	1.21649	1.02589	1.14414
2.30558	2.37791	2.30899	1.93216	1.61664	2.40306
35.7686	42.1299	38.4971	36.4397	31.5861	31.8488
18.4856	13.3909	14.6097	17.3312	18.0705	17.6916
0	0	0	0	0	0
10.3647	56.276	17.8063	14.6558	8.14741	11.6686
4.18516	3.78775	2.47287	5.76753	3.35368	3.79234
0	0	0	0	0	0
0	0	0	0	0	0
0.808395	1.09666	1.06688	0.648421	0.428781	0.793174
2.09558	1.07032	1.44225	1.51679	1.1463	1.52109
28.9755	39.9714	29.8521	34.2377	28.2959	31.3568
0	0	0.162443	0.145742	0	0

2.35001	0.388284	0.584886	1.31188	1.54149	1.61172
0	0	0	0	0	0
0.995988	1.00916	0.533282	0.867492	0.636568	0.81942
0.090492	0	0.0731971	0	0	0
10.3555	11.5849	12.5645	11.3795	12.9994	11.3741
36.7766	37.1087	55.9866	39.4975	31.5927	28.6899
0	0	0	0.0117434	0	0
0.0225738	0	0	0.0655356	0.0174995	0
1.21434	1.13759	0.927178	0.90598	1.01176	0.653111
36.6137	32.4639	37.8954	35.1522	31.7845	37.1308
8.17054	7.04366	7.54208	8.11858	8.31471	6.87496
0.135539	0	0	0.098363	0.105072	0
0.534879	0.540654	0.330852	0.57084	0.317083	0.510044
0.138946	0.074612	0.196684	0.126044	0.0807848	0.0281551
3.96137	2.63606	4.2598	4.46446	3.35995	3.51302
3.53464	4.72439	4.25125	2.80177	7.20276	3.27385
2.52484	2.98097	3.6112	4.93877	3.00723	3.75411
0.547072	0.470032	0.531019	0.317616	0.339279	0.0886841
0.179234	0.513311	0.434935	0.455256	0.486306	0.581099
0	0.0203182	0.0229545	0	0.0219992	0
0	0.316498	0.0978631	0.0926231	0.280335	0.204748
0	0	0	0	0	0
1.54423	1.03654	1.2491	1.08565	1.72085	1.36899
0	0	0	0	0	0
0	0	0	0	0	0
101.906	96.353	109.991	98.8172	94.9101	101.24
0	0	0	0	0	0
1.02786	1.07406	0.764002	0.443529	0.882954	0.472848
1.23371	1.00266	1.04491	0.951851	0.948264	1.38688
6.60266	8.02061	7.53107	7.53746	8.13782	7.30771
0	0	0.0805857	0	0.115848	0
0	0	0	0	0	0
15.9252	13.1551	8.66645	12.1766	8.81073	9.06649
14.9716	15.4785	17.7941	15.1147	14.1581	13.8795
0.37959	0.214026	0.340026	0.12052	0.0321846	0.340722
193.972	205.019	202.458	164.085	235.842	218.426
4.51616	3.76896	3.21094	4.73874	3.76859	4.96615
10.8043	12.5844	11.5052	13.7683	9.1822	12.5276
0	0	0	0	0	0
26.3534	36.8893	33.9869	33.1181	26.8613	21.8965
7.98878	11.1271	8.51001	7.79349	6.29455	7.14746
10.4001	11.283	8.04846	9.12006	5.40074	9.84136
16.1673	10.2908	13.7247	12.4795	12.515	15.9603

18.3892	14.7518	17.1591	21.1244	19.5299	22.9169
32.3803	44.1276	42.8495	35.637	42.2814	39.5831
2.96836	4.92887	5.46007	4.45578	4.60952	6.07588
4.75627	3.72579	5.31256	4.60559	4.86499	4.83697
0.173733	0	0	0.112072	0.188164	0.12517
2.60982	1.74658	2.66962	2.23895	2.25956	2.08627
21.889	18.5563	21.4192	20.6142	21.0329	22.5433
7.47742	7.03192	7.49145	5.78094	5.63735	5.0629
0.998244	1.49901	2.09357	0.868309	0.532832	0.983853
14.0472	13.2774	13.12	12.7245	13.8274	13.2697
6.92532	21.2433	13.0665	10.6465	10.7991	21.3106
8.02151	12.014	7.52928	8.3442	7.56988	11.338
2.0667	1.9025	2.36645	2.24003	1.60214	2.04497
53.1075	46.2045	50.2211	58.0669	53.8454	53.2297
40.5766	31.1549	36.0499	34.5599	30.1496	37.4161
2.67638	1.94952	1.92926	2.57646	2.0042	2.40538
0.109389	0.236692	0	0.160485	0	0.228757
10.2837	10.0633	11.4056	10.2297	9.06587	10.1937
10.7838	10.1083	9.25735	8.93778	8.39471	8.59456
1.30126	1.16471	0.684165	0.543267	1.10978	1.55582
30.5633	32.0771	30.2538	29.4378	23.9237	26.5829
242.635	238.848	200.319	214.283	211.015	249.176
0.604732	0.422179	0.377676	0.343459	0.200821	0.202455
12.2336	9.87226	10.5362	15.2227	14.0322	17.1445
144.126	122.949	80.6786	107.479	88.7324	77.5318
11.4037	9.72914	12.984	13.9741	9.74084	9.7583
0	0	0	0	0	0.144254
1.01E-05	0.0001785	3.29E-06	3.42E-06	3.74E-06	0.00025542
0.101026	0	0	0	0.783172	0
9.41527	9.95616	11.4823	12.8247	11.6782	13.5017
5.73252	7.03364	6.36855	6.17988	7.57867	7.01782
0	0	0	0	0	0.0467862
0	0	0	0	0	0
17.8618	24.7133	12.6908	14.2764	11.3206	22.2054
0	0.0375138	0	0	0	0
8.76753	8.10998	8.1072	8.64388	9.47452	8.14344
37.3626	31.9093	32.557	34.6321	36.2762	37.0937
0.775089	0.295973	0.72448	0.612496	0.413927	0.921413
21.635	25.3013	15.4535	17.2392	20.156	21.5719
3.35836	2.87433	1.33455	2.44141	1.2818	2.80071
24.7383	17.1834	25.6849	25.1878	24.8306	18.7045
17.3947	12.0669	17.6688	14.7906	10.9368	14.6675
3.34043	7.07435	4.94894	6.29019	5.20636	5.70006

2.49259	2.59269	2.23488	3.17326	1.97415	2.27103
0	0.0240758	0	0	0	0.0272553
42.478	36.9097	34.3689	44.0965	23.5543	51.1854
0	0	0	0	0	0
20.5607	22.1227	16.5382	19.4226	17.3637	15.1755
0	0	0	0	0	0
22.8054	29.9982	22.4263	17.715	35.6716	8.46819
5.2714	4.16914	4.97314	5.87307	4.55567	4.02723
0.217614	0.389518	0.264035	0.197408	0.337395	0.132288
44.3969	43.224	40.9153	42.789	35.9954	40.1105
70.1535	76.712	78.5837	73.5213	81.0566	75.1996
0.27488	0	0	0.398971	0	0
46.5002	51.02	47.2277	45.8888	40.2453	44.2204
32.9878	38.967	28.9839	37.3572	27.8315	29.0432
0.42711	0	1.48063	0.974165	0.567604	2.27494
22.0124	20.9268	25.3518	20.9469	18.8724	17.1328
0	0	0	0	0	0
0	0	0	0	0	0
2.51982	0	6.13592	4.87647	7.16247	22.4664
10.5921	10.2861	10.5813	11.2705	9.1639	9.83666
14.4264	11.727	4.45957	8.61898	8.49451	9.03046
16.2256	13.9317	14.9633	14.8628	15.1813	15.5687
14.1816	17.2674	16.4329	14.0916	14.432	16.3631
14.0067	12.7623	14.313	14.7341	13.8093	13.1217
123.751	160.309	133.133	138.786	106.47	129.089
0	0	0	0	0	0
97.2349	94.2768	96.7846	98.1507	92.9318	92.5714
7.22721	8.80353	7.69558	7.65597	6.67926	7.44213
0	0	0	0	0	0
0	0	0	0	0	0
2.9024	2.07806	2.29043	2.72281	2.79876	3.15578
47.1134	57.6428	49.4146	48.3557	49.9206	44.9763
0.0458231	0.0656169	0.111196	0.0332546	0.106568	0.0371411
0.101059	0.0723562	0.0817444	0.0733402	0.156685	0.0409558
42.7839	43.084	44.4401	37.7757	42.7333	35.9221
0	0	0.0987904	0.0886337	0	0
13.3927	16.1048	14.9547	13.1673	11.8769	15.1806
6.26014	16.2875	13.8454	11.8407	8.97988	6.44245
0	0.119576	0.241166	0.277035	0.145653	0.312868
0	0	0	0	0.0767414	0
0.0532161	0.133356	0.193704	0.154479	0.185643	0.107834
1.4124	1.39791	1.51208	1.29633	1.86779	2.2896
6.0131	5.31818	6.21264	6.67396	7.63843	6.10248

0.583383	0.867513	0.544485	0.683908	0.556613	0.654718
15.5538	11.8881	16.1379	14.7169	15.2627	14.0963
14.6885	12.9549	13.7573	14.4802	13.6105	13.9123
18.6228	15.2987	15.8036	17.7557	18.1888	18.2998
0.0845384	0	0	0	0.131071	0
0.0286203	0.0819664	0.0463008	0.0623108	0.110935	0.0695932
0	0	0	0	0	0
1035.23	1099.07	1076.57	1093.93	1078.49	991.31
10.0082	11.7222	8.36337	10.5657	9.43453	10.7971
0	0	0	0	0	0
0	0	0	0	0	0
176.933	244.059	246.03	132.896	129.907	236.207
0.0860367	0	0	0	0.0333485	0
12.1625	10.4727	11.8723	11.4888	11.2552	10.9746
1.95491	1.96991	1.40559	1.83907	1.43128	2.28875
72.9014	42.3581	58.9305	57.6527	35.5732	41.5299
0	0	0	0	0	0
3.67059	4.55787	7.33183	3.71141	2.73048	6.33153
0.0948399	0	0.0191785	0	0.0367607	0.0384355
0	0	0	0	0	0
16.9914	16.2775	15.278	18.2656	14.9151	18.7063
42.5234	37.859	39.7415	39.9606	26.7986	38.2973
4.85006	8.10262	7.45392	6.10094	4.63714	6.42086
1.64254	1.49725	2.07071	1.1126	1.80224	2.08426
72.4261	71.2319	66.1327	68.7034	60.2769	47.5022
21.0108	22.0995	21.9879	22.6536	21.0294	21.5357
447.212	395.318	430.409	472.441	456.191	435.456
0.526551	0.508953	0.652186	0.30145	0.344411	0.426789
12.1866	8.97916	10.6783	12.3711	11.3932	11.8296
1.99348	0.662386	1.11298	1.15544	1.19733	1.17458
906.303	514.641	682.532	453.6	532.992	607.936
38.7473	33.7725	40.084	39.9085	31.8565	44.0757
0	0	0	0	0	0.0499092
5.48225	6.00408	6.50391	4.50905	4.86381	4.62458
54.6238	50.9949	54.4862	52.8469	53.5817	51.5035
5.66999	2.62963	3.37199	2.62648	4.13568	1.95562
11.9496	12.599	10.8188	11.4671	8.40241	13.3583
2.18267	3.07543	2.54194	2.36633	2.67835	2.81171
0	0	0	0.00929062	0	0
5.00477	3.03942	4.95188	4.21577	4.98828	6.8454
6.03755	5.43995	7.10337	6.21874	6.11552	6.82803
23.802	21.135	23.511	20.7241	27.2716	22.7562
9.62472	7.33811	10.4364	8.49507	10.0424	10.5421

0	0	0	0	0	0
8.66024	8.24846	11.311	8.16844	13.345	9.12309
4.3598	4.91027	4.99265	4.5149	5.43044	5.71755
6.511	8.20018	8.85172	7.71394	11.4631	5.69067
0.97631	1.25585	1.95826	1.08265	1.0945	0.825708
23.6903	20.7795	21.0845	25.6088	31.94	29.6699
0.414112	0.286955	0.313408	0.281186	0.351869	0.335652
0.0739839	0.105942	0.0598441	0.0536914	0.286767	0.179899
2.39607	2.40142	2.03499	2.0575	1.85747	2.0068
0.352773	0.349725	0.1317	0.669575	0.210366	0.307929
0.391082	0.223397	0.47529	0.355636	0.453287	0.2993
6.63426	10.4151	9.84645	9.36418	8.39863	7.69594
552.964	628.403	450.676	392.231	417.807	437.579
0.013164	0.00314171	8.2189	0	0	0.00711322
10.5829	13.9886	12.5112	12.4519	13.8352	10.8618
12.7583	9.3397	10.5001	10.6212	11.1236	11.0889
0.87001	0.622911	0	0.841843	0.674445	0.470115
9.89441	9.309	12.435	12.1654	11.6005	12.6593
0	0	0	0	0	0
0.336024	0.36088	0.203852	0.426753	0.195368	0.408538
42.4282	40.3458	39.0165	38.59	29.0959	33.3707
7.33524	6.85775	6.53872	7.29774	8.72202	7.30869
28.0278	19.8027	17.2712	18.304	12.9515	15.7562
0.604599	0.848447	0.50861	0.561623	0.618677	0.568455
2.69811	1.73779	2.67458	2.01089	1.76848	1.79848
4.04976	4.90288	5.03278	4.56879	3.3963	4.29705
0	0	0	0	0	0
4.40253	9.39271	8.16539	7.77772	5.03318	7.42515
0.347905	0.124547	0.492473	0.189361	0.0449502	0.49348
5.08803	4.74718	4.08903	4.64756	3.43157	4.45072
105.899	97.0922	91.6313	108.485	111.672	94.0686
8.05648	5.59015	6.84256	5.93271	5.36838	6.7077
30.5048	30.4875	28.0136	33.4767	27.6675	24.0812
26.4974	26.0252	28.5776	26.6256	23.043	26.7086
0.327072	0.0231276	0.0261284	0.16879	0.100166	0.10473
0	0	0	0	0	0
25.1591	21.2861	23.2752	24.5901	24.8372	26.3331
12.1051	11.8689	12.0325	11.5337	9.92933	11.3103
0	0	0	0	0	0
0.025373	0.109	0.0410474	0.0368273	0.118017	0.185091
34.2547	26.6066	28.0376	28.5406	34.4574	30.3249
0.267221	0.467684	0.288199	0.603329	0.391291	0.457249
3.73288	2.71216	2.17974	2.83507	2.50535	4.54633



0	0	0	0	0	0
1.11392	1.45905	2.72936	2.76093	1.37138	2.47202
0	0	0	0	0	0
7.42479	5.84155	7.58698	6.59233	8.35881	7.86552
23.5089	19.9589	16.5533	19.7776	24.2873	15.2586
0.120144	0	0	0.0435954	0	0
46.8012	40.2563	36.2902	38.7072	24.3689	29.0485
10.7833	8.34801	8.17988	8.20785	5.61693	6.69878
73.2182	84.3702	75.4309	77.0889	77.9216	71.7601
0.181556	0.12999	0.146857	0	0	0
0	0	0	0	0.0233987	0.0244647
0	0	0	0	0	0
16.2708	18.0782	21.891	22.4486	18.0423	17.2818
17.5592	15.9727	14.5525	16.1899	18.9677	18.8986
40.2643	45.6066	43.019	40.7577	45.2625	35.1664
3.66871	1.93076	3.37337	2.52591	2.7225	3.40568
0.0390568	0.111856	0.189553	0.19841	0.0908323	0.0949705
0.340437	0.376699	0.150203	0.202141	0.11996	0.250851
15.7511	16.1572	14.9513	14.3311	16.7026	17.0554
1.47999	1.48222	1.34948	1.08185	1.06523	1.08378
0	0	0	0	0	0
12.8415	11.6592	12.1639	12.81	12.0416	11.6556
4.72205	5.4223	6.04144	5.60102	5.41301	4.18298
15.8496	11.3039	19.0314	13.186	21.3588	4.9423
49.6291	55.1702	50.5312	50.747	50.6901	46.2128
0	0	0	0	0	0
0.107147	0.0435081	0.0769883	0.0918513	0.051048	0.0533737
0	0.0189221	0	0	0	0
0.023718	0.0113211	0.0159875	0.0200814	0.0337087	0.0200253
16.3021	18.7344	17.3331	18.0594	15.5364	18.3455
4.47043	5.35509	4.94884	5.35164	3.96063	4.75976
11.5217	10.6673	9.26613	11.5812	14.5784	8.6947
92.7769	100.147	116.428	109.751	106.464	106.687
19.1945	15.6937	15.7282	17.1211	19.8249	20.0325
2.56307	1.99129	2.13938	2.80989	3.91046	1.48074
18.9231	15.4208	14.5806	13.1265	13.494	15.9147
3.64161	3.01796	3.43347	3.69166	3.59331	3.16085
5.1377	5.78822	5.53086	5.53795	4.62711	5.87898
0.539468	0.371943	0.533335	0.493002	0.48016	0.534425
1617.71	1643.87	1652.69	1586.23	1634.46	1550.2
0	0	0	0	0	0
2.97843	2.50995	2.89006	2.94127	2.88373	2.20554
372.9	453.627	191.056	11.4164	15.8073	105.752

0.117285	0.0599811	0.0542109	0.0486374	0.0779321	0.0814826
14.8841	13.984	13.4922	13.4654	16.2634	17.2773
2.51509	2.65374	1.71318	1.95333	1.84712	2.07433
0.228849	1.96622	0.925558	1.49472	2.3063	1.48392
61.4774	61.2811	65.2608	59.4635	77.9072	47.2784
220.326	196.369	211.793	195.725	252.144	184.861
15.1577	11.5061	12.7624	13.465	11.0756	13.3569
73.0714	70.9281	72.7293	85.0778	86.0486	73.4155
0.0186474	0.0133512	0.0452506	0.0811966	0	0.136029
0.287154	0.196982	0.277457	0.108356	0	0
1.33666	0.957023	0.92674	0.831461	0.888171	0.154772
0.619652	0.443659	0.100245	0.359754	0.576436	0.10045
1.6304	2.88401	1.86183	3.96724	1.04087	1.08829
4.94883	5.19679	5.84682	4.76684	5.9755	4.52171
3.38383	2.49819	2.69688	3.16056	2.63128	4.06066
0.13424	0.0480568	0.162877	0	0.0520327	0
3.14207	1.40239	2.64058	2.04335	2.87865	2.38138
1.33E-07	8.32E-09	2.74E-06	0.147413	0.0379194	1.93E-15
125.177	207.971	150.518	101.12	89.6885	192.431
0	0	0.0694529	0	0	0
61.0109	62.5459	65.9749	53.0457	53.6611	61.4087
1.11403	1.06563	0.933072	0.917907	0.778532	0.964429
10.2315	9.54358	10.4722	10.9969	8.99257	10.7558
46.5213	51.3255	43.9394	48.4856	49.957	36.9545
54.915	72.204	41.3727	42.1968	51.2894	43.2734
2.10652	1.18528	0.701041	1.09231	0.497513	0.732887
6.22989	4.42004	6.07141	4.95104	5.6506	8.10553
65.1004	41.8682	56.2678	59.2167	70.7364	82.9237
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
15.8517	12.9964	13.2048	14.0126	13.8372	11.513
17.1363	18.8445	18.6858	26.9334	19.8898	10.5898
0.0674413	0	0.027276	0	0.0784223	0
0	0	0	0.0414046	0.0442286	0.138731
28.0405	28.1827	25.5516	29.1768	31.589	23.3966
0	0	0	0	0	0
12.4488	12.5011	11.6138	15.7307	11.9629	11.7665
0	0.0217215	0	0	0	0
0	0	0.158237	0	0.0758259	0.0792805
1.6693	1.81378	2.07322	1.4925	1.17861	2.22236
11.4593	9.95659	11.5381	10.8716	13.5564	10.3523
5.68394	5.26243	4.79466	4.62712	4.59251	5.58826

11.2311	8.6265	10.8967	9.326	12.8369	12.1458
11.8502	12.3218	10.0443	11.1003	9.09013	8.90233
17.319	16.6112	18.358	19.6509	22.5207	20.6682
0.255545	0.287517	0.383881	0.211947	0.424505	0.384666
4.05436	3.53724	3.58355	4.735	3.33033	4.17847
1.21154	1.30116	1.14332	0.879237	0.782671	1.30933
8.0998	5.64445	6.95136	6.20443	7.0253	7.78459
14.859	30.4115	26.2997	26.6388	22.894	25.1198
11.3477	10.3445	11.6396	13.0291	9.81797	10.9614
6.57312	4.43233	5.77098	6.21276	5.94192	6.49417
0	0	0	0	0	0
2.19832	2.3573	2.65259	2.77981	2.29096	2.21872
0	0.0644169	0	0	0	0
21.8735	22.5219	24.0007	24.5712	20.0356	22.94
19.8554	19.5865	20.31	19.9708	20.1494	19.809
0	0	0	0	0	0
0	0	0	0	0.0270812	0.028315
13.504	9.83594	14.9928	12.8608	12.7531	15.8713
0	0	0	0	0	0
54.6957	48.1865	52.7524	54.681	53.1901	53.3577
0	0	0	0	0	0
0.145898	0.169748	0.162269	0.264702	0.113103	0.206947
0.406891	0.582652	0.740533	0.147644	0.236571	1.40164
5.52389	6.15446	4.26299	6.29952	3.97633	4.61436
31.7842	25.8838	27.018	32.4573	28.2133	25.806
3.59871	3.01351	3.86014	3.4065	2.87468	3.88072
2.22793	1.03685	1.26149	1.61685	0.604494	0.812615
0.0855623	0.0408406	0.0922795	0.186282	0.110549	0
24.2151	23.683	24.669	23.029	28.4711	24.2636
4.84263	4.78143	4.2959	4.68253	4.85151	4.85243
1116.72	1082.99	1038.12	1113.68	1110.65	986.204
0	0	0	0	0	0
13.532	14.9351	12.3594	13.312	13.8842	13.8077
0	0	0	0	0	0
0.107338	0.0552513	0.0868233	0.0833927	0.0656487	0.0931389
0	0	0	0	0	0
462.345	353.493	621.256	675.591	460.878	2340.9
1.83258	1.72643	1.46283	1.27744	1.73842	1.21174
19.6775	13.3968	17.5013	17.2045	17.0432	18.1971
11.8805	10.8043	10.3849	10.5688	9.46995	8.85302
0	0	0	0	0	0
0.552893	0.178138	0.0894449	0.641991	0.36432	0.515359
170.59	368.296	365.134	221.57	271.948	483.586

1.43608	1.75951	1.82429	1.18002	0.777451	0.813724
3.86395	4.42643	5.00076	2.35548	2.15669	3.13186
56.389	66.6139	59.3423	53.3346	53.6327	52.6887
118.515	130.882	128.401	143.869	145.33	126.043
1.89103	1.6588	1.24873	1.01006	1.23168	1.16105
26.7214	25.888	24.4288	26.3108	26.4977	26.9943
1.20241	1.26744	1.32382	0.872607	0.880339	1.16409
0.0767328	0.164818	0.24827	0.111373	0.118969	0.124389
32.1102	25.5607	27.2062	31.221	46.9186	24.4983
1.6868	1.41594	1.67024	1.94174	1.37527	1.34364
0.247562	0.10635	0.0800991	0.035932	0.153531	0.0401314
19.133	19.3501	18.3709	18.8252	15.5515	17.4036
0	0	0	0	0	0
21.881	21.6366	18.4724	18.6301	15.8001	19.1985
310.006	330.742	228.742	356.292	249.178	322.578
0	44.7514	0	22.68	0	0
6.56028	5.79245	7.18155	7.06566	7.42178	7.29018
11.1858	10.468	11.5654	12.1336	11.4973	11.5678
0	0.156534	0.176844	0.0705164	0.075326	0
0.244363	0.201553	0.142315	0.28685	0	0.207603
7.51446	6.0547	6.52132	6.96379	6.23293	5.89539
37.7862	43.6102	43.1446	33.9906	43.3518	33.8374
14.5016	15.8133	15.7301	14.8394	16.3689	14.6803
63.6123	60.3309	66.3691	71.1203	68.6812	58.5093
4.48144	4.65018	3.20466	3.22869	3.6503	3.97454
1.16533	0.60419	0.682584	1.04984	0.311512	1.53081
23.775	18.166	20.697	20.4416	19.5499	22.1087
0	0	0	0	0	0
0	0	0	0	0	0
0.418042	0.168362	0.0634023	0.170651	0.141782	0.211773
0.992116	0.991167	1.10111	1.03813	1.53821	1.08466
50.0552	42.5101	42.2403	47.3614	53.5004	53.8091
6.2444	5.91961	6.0694	6.06913	6.10869	6.30658
6.75802	5.24735	8.62203	6.76881	6.5319	5.94031
0.104248	0.223919	0.0337297	0.0453928	0.242444	0.202792
0	0.0406603	0.140414	0.0412133	0.0336426	0
19.5774	15.6017	17.1124	16.4606	15.4423	15.6715
20.5517	18.4178	17.3719	16.2073	15.7992	10.8554
13.0031	12.391	13.1285	12.7971	10.4609	11.5441
22.3767	24.4365	18.027	23.3254	20.4657	19.8226
4.89294	9.342	5.01321	5.79979	4.80457	5.28785
2.35489	1.65126	1.54124	1.2765	0.977154	0.807834
0.517119	0.278753	0.212548	0.282544	0.326532	0.469236

6.31858	5.71249	6.266	5.59588	5.52092	6.61156
45.708	48.8807	48.3376	50.6246	49.4833	42.7072
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.0476912	0	0.0532649
0.565307	0.350365	0.395825	0.491719	0.466895	0.549635
0.0281616	0.0604895	0.0455587	0.0817495	0	0.159781
7.87083	5.63536	6.10402	4.35761	7.04513	6.70858
38.776	46.3594	45.9473	37.9063	38.7765	38.6513
3.35987	3.31757	2.79804	3.30291	2.24504	2.91067
17.9951	16.7039	18.3493	17.8028	16.4161	19.8247
0	0	0	0	0	0
25.7402	23.5231	22.4709	25.0534	21.8571	22.3911
2.18794	2.01175	2.70124	2.8748	2.82092	3.03345
0.076278	0.109227	0	0.110713	0.118264	0.123652
0	0	0	0.0712678	0	0
14.6416	13.258	15.8491	15.7822	17.5263	17.1904
17.251	13.8535	18.2462	23.0525	21.4811	31.8055
1.77732	1.099	1.96042	2.22789	1.50306	1.89894
22.3394	20.381	23.9157	21.1285	21.4565	20.5187
0.0644811	0.277003	0.41726	0.0467951	0.199947	0.313585
2.88356	1.65373	3.70209	2.47518	2.58099	2.52951
0	0	0	0	0	0
9.74253	9.83541	7.25009	9.26213	8.45887	8.13355
26.7291	34.5998	26.5588	21.0645	25.5646	40.4136
2.94171	2.03307	1.3078	1.35584	2.54025	3.72015
19.6861	19.4861	21.696	19.7511	22.777	24.6524
10.6143	13.0691	14.1144	13.6554	11.1894	14.3388
2.46383	1.65311	2.36649	2.12421	1.79123	1.62349
122.291	119.409	112.921	98.4744	103.315	88.4091
0	0	0	0	0	0
27.2952	19.7399	19.3496	27.898	28.7217	22.9181
21.0451	17.8201	17.6563	17.5191	16.4221	19.4983
0	0	0	0	0	0
6.8817	8.50797	6.2441	8.72699	5.77402	6.63673
0.258562	0.123417	0.244003	0.344013	0.400883	0.251981
0	0	0	0	0	0
0	0	0	0	0	0
3.83147	7.41927	6.83233	5.18197	3.30774	2.75263
6.75919	6.44609	5.48833	5.64793	6.25235	5.95045
0	0	0	0	0	0
518.912	548.507	610.225	771	751.278	511.535
0.0277486	0	0.0224453	0.0201377	0	0.0224912

65.6958	69.8777	63.1854	64.2585	73.5473	45.3156
90.2518	84.9354	92.6529	87.4561	77.4063	85.283
0.133545	0.0447733	0.0505827	0.114968	0.0809364	0.135163
4.20953	3.37853	3.93589	4.04861	2.83345	4.81527
0	0	0	0	0	0
0	0	0	0	0	0
12.6402	11.2049	13.9272	15.1092	13.5995	13.6689
20.3848	17.5604	20.3254	22.3978	22.5693	18.3437
0	0	0	0	0	0
5.03579	3.94235	4.61038	4.50807	4.27266	5.44258
1.6628	1.91696	1.77815	1.71805	1.46381	1.50766
20.0167	19.8295	18.3283	17.3342	14.8681	14.5989
61.3177	61.8642	62.9223	59.7885	53.5969	62.6638
0.0458231	0	0	0.0332546	0.0710455	0
16.6994	0	0	0	0	0
9.51531	8.26936	10.2922	9.05961	8.60224	10.718
0.00485427	0.00173778	0	0.00352283	0	0.00767237
50.6645	43.3538	50.1537	62.8049	52.4599	54.1793
10.9516	7.78242	6.71303	9.27738	7.76913	8.49987
14.386	12.5794	13.5992	11.8264	14.8208	13.3759
0	0	0.0776773	0	0	0
25.7369	23.6332	24.6195	24.2565	25.4198	23.8628
0.262292	0.13414	0.161816	0.216819	0.283163	0.350974
7.76685	7.14892	7.19656	7.09358	5.63188	7.51518
1.00802	0.515514	1.39777	0.83604	0.446531	0.350156
32.2533	34.5414	36.495	34.8815	32.4949	28.1753
11.5059	9.85841	9.69374	9.18374	8.63377	7.66205
6.73916	6.10757	6.69442	6.62393	7.06655	7.88682
0	0	0	0	0	0.0518114
0	8.16E-08	6.30E-06	0	0	1.60E-07
0	0	0	0	0	0
2.51799	2.03042	1.38094	1.9534	1.97443	1.9476
43.4262	46.8718	42.3828	45.0763	46.0572	36.9847
3.38448	3.40291	3.05426	3.39424	3.51718	3.37186
30.6316	29.2061	27.2839	32.987	31.7182	29.0155
1.06475	0.857637	1.18423	1.7386	0.928591	0.647265
5.1336	4.29211	3.86671	3.94187	4.33054	4.34887
205.083	235.451	230.066	248.096	280.504	222.227
6.76424	6.6831	4.01352	4.11087	5.37942	4.55058
1.93936	1.38855	0.697204	0.312762	0.835235	1.2226
0.0182334	0.00639419	0.00632086	0.0307854	0.0372122	0
65.2383	63.9353	68.8264	72.5236	70.0184	59.2859
1.07866	3.25157	1.54682	2.59934	1.46627	0.909166

0	0	0	0	0	0
0.0938895	0.0705558	0.0254415	0.0921855	0.0510887	0.103785
74.3066	106.001	81.464	79.9852	80.9457	83.4051
0.708061	0.60835	0.458189	0.770779	0.38423	0.286954
10.2045	9.39373	8.64728	11.99	7.91069	7.58184
0.371791	0.266195	0.300734	0.629569	0.576436	0.904048
41.5721	45.2107	43.8314	38.6814	46.5792	35.906
17.8848	17.2741	21.039	17.0355	21.8097	16.6591
8.23336	5.06964	5.15024	5.21825	5.23375	6.09505
0.415782	0.229615	0.251158	0.336279	0.431009	0.292535
0	0	0	0	0	0
0	0	0	0.0338407	0	0.151188
294.431	321.209	366.896	355.761	360.117	317.575
0.0409112	0.0292916	0.0220615	0.0197933	0.0105717	0.0221066
0	0	0	0	0	0
1.1876	1.03217	0.720662	0.738498	0.657389	0.824807
7.00853	6.01521	6.77171	7.34437	6.96083	8.27478
29.44	22.7376	20.4001	20.5517	22.2638	18.6604
1.48729	0.794142	1.36616	1.20741	0.879385	0.939881
1.03453	0.390539	1.24414	0.90373	0.861045	0.915891
13.4011	10.7833	14.1715	15.4804	17.3464	15.1471
3.99581	4.56722	3.92784	4.49929	3.84771	3.3985
22.5686	19.3258	18.4014	18.5404	19.665	25.756
8.93837	8.25224	7.99112	7.85236	4.28514	7.14952
0.249762	0.536474	0.404054	0.362513	0	0.40488
1.23502	0.693063	1.24873	0.920503	1.17089	1.19718
11.6881	16.845	21.3456	13.4923	18.3609	14.91
0.0465231	0	0	0	0.0180327	0.0188543
7.18987	5.83955	6.16105	6.55488	6.94971	6.59251
878.76	763.065	833.919	925.417	1040.54	847.463
0.359137	0	0	0.0868775	0	0
4.62093	4.79712	4.96353	5.45093	4.73707	4.9732
2.05047	1.63122	2.21144	1.4605	2.1194	2.61607
40.3696	40.4367	43.2102	43.8095	36.264	38.9135
0.252514	0.258279	0.320969	0.143985	0.125841	0.204671
4.52941	2.84359	2.52735	3.0077	2.49459	3.04498
410.284	419.775	460.551	449.551	447.038	362.858
54.4713	49.3025	54.658	54.7433	56.2981	54.1487
0.0540449	0	0	0.0392213	0	0
0	0	0	0	0	0
33.4939	29.8869	24.8891	30.5533	31.497	38.1252
0	0.00697302	0	0	0	0
0.158	0.193929	0.255606	0.245707	0.139982	0.164654

0.55939	0.439452	0.427342	0.321385	0.367396	0.409324
8.29086	6.68719	7.24007	6.21329	5.7976	4.45716
0	0	0	0	0	0
52.4429	54.0641	56.1712	57.6767	50.8065	51.6118
0	0	0	0	0	0
0	0.0411994	0	0	0	0.0466402
6.32139	7.25597	6.00604	6.40801	5.91165	4.71706
14.6988	13.2899	10.4107	15.324	12.0123	15.3473
0.453596	0.505967	0.406319	0.54667	0.351635	0.384653
0	0	0	0.0313471	0	0
0.235585	0.0963855	0.258617	0.219817	0.182629	0.340982
0.926121	0.580199	0.4682	0.420064	0.179486	0.362142
0	0	0	0	0	0
43.434	48.8578	43.1204	47.9822	43.8971	42.8998
39.9285	38.0287	38.4564	38.4111	40.0232	40.6047
2.14868	1.60757	1.62016	1.62913	1.47889	2.17212
6.93704	4.82071	6.27138	5.74506	5.00873	6.2842
0	0	0	0	0	0
16.9212	18.8906	16.1352	12.3575	15.4525	15.9559
1.44451	1.73985	1.47076	1.43047	1.08016	1.22588
2.85922	2.66284	2.1754	2.4101	1.80881	2.35859
126.217	139.557	155.477	152.603	162.154	125.314
4.62327	5.2017	3.47255	4.55347	5.63204	2.67665
39.3197	40.343	44.8913	42.3566	38.6005	44.3428
0.405732	0.290496	0.208847	0.200759	0.257343	0.358756
9.31372	8.05591	8.4593	8.86282	9.58316	9.26077
2.23768	1.40852	1.71059	1.37377	1.29637	0.901636
0	0	0	0	0	0
0.0158173	0.0113249	0.057575	0.0516557	0.0551789	0.0128204
0.220562	0.113986	0.0157661	0.10186	0.0151099	0.0842689
5.10306	6.88394	3.918	6.74275	4.85894	6.48526
16.4623	10.3356	17.1741	17.4756	13.5367	14.8354
13.4153	9.91244	11.3071	12.8901	15.0588	13.5484
8.96393	7.86683	8.61474	9.8159	7.84341	8.89134
0.159907	0.261693	0.27717	0.232095	0.265634	0.703599
2.05579	0.981271	1.58033	1.12159	1.6728	1.31176
0	0	0	0	0	0
27.0138	20.7466	26.3638	28.2783	30.1216	28.2587
13.7987	12.0648	9.26647	8.68813	5.865	8.25757
0	0	0	0	0	0
0	0	0	0	0	0
11.8134	6.94593	11.4088	8.75502	9.57417	10.1554
8.14743	8.12662	9.45093	7.38486	7.76957	10.2545



15.3188	16.4391	17.1402	15.5695	13.7122	15.4592
0	0	0	0	0	0
8.49468	7.36913	8.30811	8.6706	7.97879	8.9322
0.0510838	0.00914376	0.0723112	0.0556087	0.039601	0.0207026
63.1295	57.8383	59.5672	70.2841	81.5137	76.5002
6.94079	6.40843	5.73443	6.31253	4.17686	5.55718
0	0	0	0	0	0
0.197612	0.059389	0.0304285	0.0819002	0.115612	0.110123
14.9613	12.9734	14.6375	13.1499	12.4267	14.0515
0.430969	0	0.174301	0.156381	0.167047	0
4.34109	3.49468	3.78455	3.94201	3.42512	3.29981
7.44316	7.6344	7.69047	6.99601	4.96254	7.19961
8.18161	4.94763	6.11867	5.76887	5.26671	6.6449
0.210107	0.0752161	0	0.0762391	0	0
5.43342	3.06641	3.77451	3.38645	3.12189	4.04129
0	0	0	0	0	0
0.554373	0.39692	0	0.366987	0.107439	0
0.471704	0.43905	0.343397	0.342324	0.292538	0.1147
0.167255	0.115766	0.168535	0.0723255	0.145156	0.135677
3.84526	5.57288	4.54506	3.06802	4.12988	3.87228
0	0	0	0	0	0
0	0.0461269	0	0	0	0
8.74744	12.2272	18.1124	15.5364	18.0058	13.8367
1.55197	1.25845	1.53508	2.19141	1.47119	1.36985
31.7391	30.8067	28.9587	34.1976	29.8039	30.0396
0.0609519	0.0654606	0.0246514	0.0663509	0.141753	0
45.7544	41.4067	41.2062	47.712	46.566	41.115
21.5744	24.9363	24.1215	21.6316	20.9585	11.4377
36.5588	27.4033	29.2164	35.6534	33.0428	26.6655
0.277938	0.118403	0.391174	0.251334	0.410421	0.652231
3.12018	4.76781	2.85028	3.23371	2.82902	2.88891
71.0123	48.2435	48.2124	46.6504	67.2794	26.5972
205.934	170.083	172.567	228.495	210.519	199.403
0	0	0	0	0	0
0	0	0	0	0	0
20.7116	21.9482	24.939	21.5479	21.5094	23.4132
3.99579	2.5813	1.74996	2.94341	2.36	2.91682
2.41039	2.30112	2.39154	3.03796	3.0944	2.84137
31.9849	27.0541	30.2837	31.8153	28.0418	30.3789
4.5412	4.39136	4.36405	3.70737	3.68442	3.24172
0.673016	0.350448	0.362926	0.577223	0.426872	0.595093
93.5647	93.9885	79.0004	80.0542	76.4451	91.6272
39.512	44.0795	39.3105	44.3363	46.2521	37.5599

48.8102	56.2516	52.0921	45.7496	47.9287	44.1287
92.229	106.373	40.9443	116.698	72.6154	114.351
0.0569598	0.0259338	0	0.0396018	0.0441561	0.0230736
78.1448	89.7782	95.0948	81.8239	68.0351	75.4865
36.5762	28.5888	38.6845	40.5578	37.79	34.1219
25.6965	23.4207	23.2735	24.17	19.3621	24.4159
0.182441	0.174165	0.0819847	0.1324	0.0942872	0.131444
0	0	0	0	0	0
10.3013	8.79124	9.94385	10.509	11.8002	10.8885
1.35211	1.00681	3.84981	0.785002	1.92865	1.79733
1.3296	1.4837	1.23471	1.04947	0.451332	0.888272
14.9537	12.8919	7.91673	11.7556	8.27253	8.21549
0	0	0	0	0	0.0753838
2.08448	1.56508	2.20758	2.28568	1.80117	1.67805
4.40226	4.55458	3.315	4.06908	2.30423	3.42217
3.09157	1.98167	2.18088	2.11654	1.85757	2.07845
158.107	190.75	154.43	114.823	200.538	259.537
1.66455	1.08097	2.16727	3.24486	2.43421	2.82365
0	0.116775	0	0	0	0
15.7873	15.0696	15.2217	16.1186	11.7545	16.5758
10.7398	7.91979	7.66451	8.97364	11.9933	12.8674
4.18701	3.75183	3.92033	4.03433	3.50013	3.75731
23.6262	15.0432	18.5825	18.4733	20.9765	17.5105
0.057801	0	0	0	0.0224041	0
84.4422	91.2009	88.9392	89.4329	78.405	99.3004
4.82497	4.10232	4.7403	4.65416	4.27807	4.66037
11.5227	7.70002	8.9654	9.87539	10.4639	10.4069
19.0485	18.6637	22.3584	20.9786	21.6101	22.1108
97.0218	111.652	103.689	108.452	100.057	105.835
0	0	0	0	0	0
10.7273	7.4984	5.86476	15.8162	5.55494	9.51965
0.589269	0.791541	0.652255	0.46985	0.421599	0.668877
3.14035	1.16874	0.454532	0.427097	5.70E-07	1.39491
998.914	932.893	996.546	1029.58	997.643	949.605
9.40263	7.4801	7.83757	9.46985	8.22599	8.48453
0	0.0169215	0	0.0343033	0.0183215	0
2.25612	1.44307	2.37764	2.20043	2.66818	2.34051
9.16083	14.4488	10.9432	8.87939	5.23745	8.48059
3.67418	2.73503	3.38474	3.38593	2.72395	3.40348
0.200516	0.200516	0.444229	0.444229	0.44612	0.44612
0.0625333	0.201477	0.164391	0.170181	0.109073	0.19007
12.5448	9.96422	13.7939	14.5095	16.4614	12.1274
9.78605	9.31434	8.56255	11.5534	13.0085	11.7958

0	0	0	0	0	0
0.185597	0.132884	0.0375314	0.134691	0.143878	0.0752163
27.6284	29.3656	30.7399	28.0398	29.1614	26.6182
14.1899	11.538	12.4571	13.5384	13.0464	16.0376
1.37838	0.434232	0.445977	0.640201	0.299191	0.268133
0.365366	0.237775	0.45702	0.385732	0.334764	0.376778
0.10799	0.0966482	0.065513	0.117555	0.0418576	0.0218823
6.32695	4.86952	6.52509	6.52862	5.34923	6.04165
13.0435	12.0738	10.7959	15.52	14.2551	13.4066
4.09302	3.77079	6.94799	4.55661	3.44987	5.17506
3.90889	3.11883	4.86014	4.47202	4.22248	4.03361
24.4485	22.2685	24.6711	25.2317	18.8379	24.196
11.7973	10.7028	13.2541	12.7821	12.3511	12.2686
0.272848	0	0.220701	0.396021	0	0
25.3216	21.3072	22.2136	25.4617	29.4648	27.5911
0	0	0	0	0	0
1.16443	0.743888	1.00765	0.737497	0.635235	0.961709
0.0554136	0.0804939	0.275641	0.201444	8.80E-13	0.269988
0.290875	0.173551	0.196069	0.211093	0.319445	0.0982349
0.346252	0.156574	0.103186	0.19838	0.127146	0.221565
43.051	43.1186	49.6721	47.6713	37.3856	43.5839
25.5765	23.7188	24.9927	25.6187	20.5536	23.9503
0.610047	0.873564	0.696642	0.598977	0.667648	0.988927
0	0	0	0	0	0
26.6014	31.2616	31.1386	27.5143	30.3844	27.3537
7.13918	7.04059	5.752	6.60176	5.78897	7.31023
0	0	0	0	0	0
1.9009	1.53114	1.18277	1.43258	0.906837	1.48149
12.1954	10.3472	10.6942	10.7004	10.8322	11.2602
11.671	10.0581	9.78036	10.5517	12.0048	12.3785
0.344867	0.438965	0.247961	0.454205	0.11882	0.248468
24.1316	34.5556	23.9504	19.4467	20.314	22.3194
0.0353353	0	0.028582	0	0	0
0	0.0877008	0.09908	0	0	0.0992826
17.256	15.7026	16.7787	18.8948	20.3312	18.3282
0	0	0	0	0	0
2.00869	2.81883	2.40468	3.38196	4.85835	4.23308
4.06143	3.91888	4.17933	4.98262	3.6306	5.73118
2.68572	1.97443	3.04527	2.36673	1.84035	2.06025
38.2532	45.7894	35.2213	36.8956	35.7002	30.1554
7.66766	6.61877	7.62524	7.23875	6.75465	8.01749
13.2123	16.155	15.7843	14.9635	17.3086	17.5217
0.0770747	0.560779	0.352755	0.281313	0.338069	0.249887

84.3162	77.5798	87.0321	88.0182	98.4684	94.7625
18.169	14.1846	15.3371	16.0696	17.8477	12.8368
0	0	0	0	0	0
8.8518	6.46402	8.89378	7.64208	7.48089	8.05564
6.30092	7.64908	5.52464	7.11546	6.03242	7.11199
0.335167	0.662325	0.607285	0.311343	0.415722	0.402062
0.0308273	0.0165538	0.0311695	0.0279649	0	0.0124933
0	0.0440589	0.0497756	0.0446581	0.023852	0.0498773
1.44161	0.941094	1.20039	0.892352	0.62452	1.13411
41.5954	41.1041	39.7402	40.8613	34.7554	37.0523
17.7979	16.8881	18.0622	18.9735	17.2415	18.4815
1.27465	0.844897	1.16712	0.600772	0.659796	0.214983
0.347987	0.391525	0.603171	0.39685	0.269765	0.684992
1.60605	1.24646	1.39884	1.37664	1.01088	1.40481
0.585029	0.57884	0.771567	0.75093	1.00469	1.16646
0.0707645	0.100872	0.224838	0.0731333	0.062602	0.0654541
0.149211	0.0534162	0.0402313	0	0.0578354	0.0604703
0	0	0.108191	0.0485338	0.103688	0
0	0	0	0	0	0
8.8882	6.38019	8.9498	8.41203	8.29319	9.82221
133.563	130.655	124.098	124.861	94.4735	124.217
111.658	134.62	110.842	109.734	131.275	111.968
0	0	0	0	0	0.144666
9.21848	7.07018	7.11519	7.69687	7.66691	7.63137
2.93968	3.85089	4.12765	4.40911	4.57571	4.14237
0	0	0	0	0	0
0.046196	0	0	0	0	0
0	0	0	0	0	0
1.13757	1.01809	0.536757	0.963144	0.881859	1.38305
0.108942	0.0254425	8.74E-20	4.37E-15	0.0296492	5.06E-28
0.455184	0.398041	0.180956	0.512938	0.392082	1.96198
0.338585	0.12121	0.0912916	0.225241	0.21873	0.0686087
10.3259	9.80871	10.9712	11.6486	9.49305	8.34185
11.0803	9.24949	10.4292	12.2628	12.7868	10.124
13.8615	12.2835	13.5652	14.9709	14.2125	15.4936
5.62884	8.98321	6.08232	5.95592	4.36356	6.30372
0	0	0	0	0	0
0.363793	6.00E-20	0.147997	0.133097	0.139797	0.142353
1.00843	0.762129	0.974307	0.894466	0.760035	0.953594
24.1708	23.1983	23.7723	23.1558	21.3741	20.6013
9.22028	7.25702	6.78999	9.05973	10.6181	7.57427
19.0001	19.793	19.4171	21.2236	19.1524	21.685
0.400358	0.207573	0.245673	0.26049	0.310364	0.279744

11.781	14.1969	10.9164	15.2932	9.43299	12.6422
103.236	109.57	117.185	109.638	98.2951	101.104
4.34954	3.80866	2.65778	2.61159	3.08077	2.81537
12.9443	19.3646	17.4932	20.2389	13.5019	19.4055
0	0	0	0	0	0
15.018	11.392	4.7707	10.4965	6.13355	6.1131
17.5975	14.7485	17.2103	14.0093	18.2298	11.6049
11.3424	10.7932	13.4875	15.3019	15.1807	13.3186
1.95477	2.17809	2.50002	2.13366	1.81605	1.86022
66.0113	77.7095	48.3802	52.6432	41.419	54.6277
129.132	127.846	140.345	159.825	160.406	126.832
0.105017	0.0718101	0.125382	0.060485	0.111337	0.186926
0.269855	0.772843	0.43656	0.979191	0.836782	0.874905
28.8811	23.5821	28.0336	33.1785	30.8684	24.7041
10.2185	8.30377	11.5486	10.9087	10.0529	9.83862
11.7265	8.31964	10.9081	11.8111	12.7314	12.2122
4.41185	2.76759	3.07651	2.843	3.06638	3.91596
40.0317	36.7433	40.6868	38.1802	39.4641	43.4885
9.33051	7.03207	6.44386	7.1673	7.31775	6.58971
0.223309	0	0.18063	0	0	0
1.12571	0.848936	1.03541	1.28714	0.931149	1.64799
43.5735	55.7177	58.1734	49.2473	53.0233	49.7258
17.1678	19.9451	15.0105	16.9024	15.1275	15.2119
38.637	42.9302	42.6306	42.6651	37.0043	39.2639
20.9356	17.7453	19.1667	19.6491	17.5356	20.4814
74.2922	79.4813	82.9019	82.5618	93.6199	94.1554
0.936227	0.603288	0.416512	0.645465	0.399178	0.645017
8.95807	8.15689	7.23513	9.56163	7.58388	9.48213
5.1889	4.94022	6.27946	4.76394	3.77611	6.03013
0	0	0.135901	0.0609647	0.0651227	0
3.22764	2.832	3.52302	3.07692	3.58849	3.61372
0.498219	0.535073	0.726758	0.420474	0.650945	0.181494
20.2394	15.6181	13.0364	16.8097	12.4358	12.8201
2.96391	1.59579	2.39241	3.12864	2.04549	3.9667
70.9855	77.2829	95.6036	121.978	79.5959	111.338
4.00605	3.58907	3.52882	3.30301	2.50395	2.53303
1.97951	1.98911	1.74654	2.24487	1.35675	1.92358
0.102095	0.024366	0.302803	0.0493948	0.0791456	0.248254
0.441072	0.332717	0.337661	0.331526	0.323608	0.421343
0	0	0	0	0	0
4.15E-07	9.17E-07	1.79E-06	4.18E-07	2.11E-06	0.931603
0	0	0	0.310921	0.274407	0
1.05958	1.12391	0.730099	0.968316	0.699714	0.827017

2.34212	2.06555	1.91076	2.23225	1.95591	2.00428
10.9961	3.7267	19.0174	11.4493	7.69151	2.99035
0.304022	0.217674	0.368876	0.772221	0.942731	0.739261
0.345058	0.571441	0.3542	0.0643813	0.270934	0.288842
1.80716	1.00388	1.08373	2.12552	1.71494	1.74256
0	0.121794	0.137597	0.0411501	0.0879134	0
5.76128	5.64695	7.00292	5.86182	5.2995	6.67895
0	0	0	0	0	0
898.14	806.624	808.573	858.496	863.3	764.191
24.9951	19.2949	23.3789	23.5557	26.9225	24.6394
0	0	0	0	0	0
2.70158	1.82401	1.45871	2.0614	1.80452	2.08053
8.76456	14.6271	7.96599	11.3566	7.04149	16.352
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
93.576	110.025	138.268	86.6389	100.752	123.853
0.0891549	0.0957498	0.180289	0.129403	0.276457	0.108395
25.5323	20.3903	19.9842	24.0139	22.2773	21.0142
24.7751	29.3433	29.4097	27.8454	24.2282	23.6825
0.393201	0.135684	0.282276	0.131498	0.380148	0.294904
6.33253	4.13539	5.76017	6.06014	3.91993	4.68151
40.3764	41.4313	34.5898	34.0839	37.7539	33.4957
20.7411	26.1243	24.2998	22.9053	23.8162	24.4561
2.5939	1.77785	2.02537	1.64534	2.00604	1.53018
5.44302	4.28545	5.01257	5.7339	5.94495	4.71337
0.708638	0.474778	0.318428	0.308704	0.127687	0.379993
2.4794	1.89963	2.04302	1.89184	1.35623	1.90634
1.79557	1.75346	2.25993	1.82211	1.58601	1.5569
0.134977	0.241603	0.16377	0.293866	0.156954	0.109403
0.640981	1.09199	0.665146	0.997	0.336835	0.534061
9.62017	20.9631	18.6927	15.8982	15.645	14.6203
16.844	34.8945	24.9757	24.8897	18.1019	37.3982
1.38806	1.12156	0.906483	1.27009	1.03651	1.3293
13.2905	17.7087	5.59779	12.925	5.45025	4.88456
1.80669	1.91947	2.71065	3.36246	1.21986	2.78705
0	0.072932	0	0	0	0.165127
61.1573	62.1788	61.948	54.3575	99.6823	29.9937
0	0.405708	0	0	0	0
12.7502	13.0546	15.6806	13.2726	13.7168	13.8446
0	0	0	0	0	0
0.765442	0.610571	2.4491	0.550782	1.67063	1.32693

6.08507	4.28068	5.64805	4.85181	5.77274	7.22794
11.5021	12.4125	9.34926	9.05441	5.03864	9.72057
1.6128	1.23921	1.42121	1.21801	1.27059	1.56226
0	0	0	0	0	0
22.9481	30.3535	28.9884	25.3052	26.6846	24.0957
0.0587795	0.042085	0.213957	0.227508	0	0.190572
4.51399	4.3196	3.44065	4.1421	3.4152	4.23922
1.26049	0.558681	0.873927	0.914758	0.604902	0.827064
0.127133	0.0910247	0	0	0.197111	0
1.86618	1.83144	1.97663	1.68766	1.62523	1.55649
20.9975	21.4218	20.5101	23.3877	23.7507	17.9544
21.2481	18.8423	16.3726	20.4871	12.6727	17.1135
1.74998	0.134668	0.548982	1.2501	0.344671	0.485455
11.9047	8.62804	10.4131	9.65073	10.9674	11.3703
0	0	0	0	0	0
4.23203	3.24094	4.02509	4.90502	4.00178	4.88773
3.19165	2.15391	2.50747	2.45989	2.07087	2.38064
0	0	0	0	0	0
0	0	0	0	0	0
6.22256	5.22822	7.43087	5.78367	6.81727	8.7348
20.2313	16.6966	16.9396	20.5797	22.9021	20.5823
0.413933	0.270597	0.553185	0.535494	0.181371	0.335507
26.8401	29.741	32.1438	39.4792	30.6328	22.1875
0	0	0	0	0	0
10.9291	10.8633	7.99397	7.63615	10.4552	7.82185
1521.59	2981.44	2229.13	1828.38	1365.21	2865.93
0.666899	0.201047	0.425875	0.407563	0.353731	0.426746
0	0	0	0	0	0
25.8607	27.0484	24.4368	26.2055	21.1101	15.8415
0.948517	1.0889	0.882292	0.845489	0.580259	0.79283
0.534908	0.157373	0.33687	0.330877	0.276995	0.30559
0	0	0	0	0	0
8.70709	9.76186	7.61405	8.42163	8.7908	10.4788
2.0697	1.22432	1.42257	1.52063	1.21967	1.22805
194.021	169.898	189.745	200.198	139.169	172.769
3.52785	2.88753	3.90426	4.31815	4.83348	5.24642
7.94018	7.16944	6.82952	9.03583	8.39407	8.03307
8.63154	12.707	12.7456	6.83281	6.38723	10.0641
31.3421	0	0	0	0	0
0.515531	0.479843	0.291902	0.486369	0.239788	0.417855
0.787761	0.717846	0.753059	0.883524	0.777235	0.812645
0	0	0	0	0	0
4.76827	3.62995	3.80041	3.53658	3.40531	4.45031

21.1022	26.8982	26.8645	19.4329	44.935	44.0559
0.633502	0.509673	0.627695	0.464146	0.678048	0.985008
42.5324	34.7414	38.0564	38.1902	41.1879	36.7149
0.348883	0.282936	0.31747	0.553716	0.355856	0.559429
4.88703	6.45311	6.95499	7.01553	3.38826	4.36739
38.2446	21.8879	25.9389	23.8776	23.6877	25.1714
31.1007	26.323	29.294	30.3395	34.6157	30.8283
0.241832	0.406415	0.588877	0.234003	0.140604	0.460086
0.109519	0.0879096	0.157645	0.106486	0.0951825	0.0898659
9.4997	6.80267	8.70962	7.9879	8.63008	9.6161
15.5325	13.4132	14.9812	15.0725	14.5601	13.8623
10.9725	10.0659	10.1795	11.2341	9.83824	11.3036
0.0671049	0.0800764	0.0120622	0.0757544	0.0462407	0.138999
12.9435	10.0956	11.1447	10.8591	12.2907	11.5979
12.6789	14.1538	14.2403	13.7285	12.9709	13.5618
234.85	287.581	453.95	363.515	319.939	394.846
0	0	0	0	0	0
0.818528	1.6516	0.451426	0.86403	1.38444	0.271409
81.7287	83.5407	76.392	82.6778	90.7189	88.8361
0	0.327582	0.222052	0.332037	0.283747	0.0741686
32.3261	21.3266	20.8027	24.1466	15.1111	19.3006
0	0	0	0	0	0
0	0	0	0	0	0
4.61977	5.41806	3.87235	4.34794	3.68163	3.96993
0	0	0	0	0	0
40.4926	34.0775	41.5302	39.0463	39.0213	38.3058
0.58213	0.265233	0.171227	0.26884	0.369226	0.214471
0.522706	1.26413	1.52014	0.595352	0.413129	0.870423
71.6919	92.732	57.45	56.1096	55.6229	61.3685
20.0895	18.1255	20.0228	20.9616	19.2983	19.0009
0.778375	0.76629	1.18052	0.706101	0.980539	1.2618
6.44064	4.33689	4.15536	8.17966	1.84261	1.92656
0	0	0	0	0	0.02467
4.08313	2.94849	3.40158	4.09027	3.49677	4.29252
7.66025	5.95373	7.50678	6.98573	7.95166	7.83112
14.6992	13.7718	13.7814	15.4976	11.9927	12.3829
0	0	0	0	0	0
35.4222	34.6707	36.5669	31.8801	31.4941	31.1361
1.50143	0.930798	0.757802	0.951422	0.538873	0.629173
2.3271	4.35587	4.36133	1.52396	2.38928	3.13431
0.14124	0.101125	0.0380821	0.102501	0.0364972	0.07632
12.5032	15.9274	14.811	13.795	11.8084	9.95423
0.0838019	0.0800007	0.0602539	0.101361	0.050528	0.0603771



0	0	0	0	0	0
1.67923	0.841605	1.49412	1.09678	2.86388	1.49718
0	0	0	0	0	0
0.0474128	0.169733	0.0383513	0	0.0367552	0
0.187703	0.0895945	0	0.181626	0.0485034	0.202853
0	0	0	0	0	0
0	0	0	0	0	0
5.4833	2.40099	3.33566	2.10477	3.65353	4.22402
0	0	0	0	0	0
0	0	0	0	0	0
5.07047	4.70812	2.69154	3.73723	2.76378	4.23822
0	0.0101953	0	0	0	0
2.51778	2.61679	2.57857	2.44608	2.25089	2.18886
0	0	0	0	0.115939	0
9.00189	7.87902	7.9908	8.24612	7.79056	8.04296
7.37432	6.32024	7.16968	7.64526	7.40635	6.38935
42.7772	47.1019	44.9926	47.0486	45.281	42.3144
2.63315	1.04738	2.1299	0.318487	0.907225	0.829988
0	0	0	0	0	0
0.175511	0.376987	0.283934	0.382114	0	0
0.435674	0.151511	0.181238	0.42458	0.183345	0.201788
0.0229843	0.0329127	0.17662	0.0333603	0.0089089	0.0279444
0.147389	0.0633165	0	0.042785	0	0.0477854
32.7258	40.0022	46.9881	44.3604	36.7399	34.8436
5.30686	3.46488	2.74932	3.45699	3.71236	4.02487
0	0	0.0738342	0	0	0
3.583	3.34922	1.52961	2.2391	2.23751	1.3714
117.425	134.927	129.476	140.87	110.863	102.538
0.0187089	0.066976	0.0453997	0.0678868	0.0725171	0.0758209
4.87295	7.31552	3.05158	5.24754	3.89944	5.73342
8.74483	8.5415	7.32667	6.41308	8.39185	8.89355
0.341108	0.469667	0.339588	0.457012	0.183068	0.319015
43.7497	41.7487	46.422	50.4312	48.7368	45.6159
0	0	0	0	0	0
2.84591	2.18287	1.17475	2.56424	1.82432	1.98651
0.396482	0.378498	0.291551	0.322611	0.293388	0.22398
4.29501	3.41393	4.38685	2.56225	2.14446	4.66133
0.0268141	0.0511957	0.00722979	0.0518919	0.0138578	0.0289783
5.07025	4.53048	5.01729	5.60408	4.38435	6.06601
0	0	0	0	0	0
0	0	0	0	0	0
20.7671	18.9757	19.199	18.8175	17.2756	21.722
0.0438882	0.0628462	0	0.0637009	0.0340228	0

23.8085	20.1681	22.1626	23.3272	21.4721	22.7275
3.55553	4.72133	3.84416	3.67017	1.65776	3.46689
0	0	0	0	0	0
15.2301	14.2645	15.6728	17.9268	17.0962	14.4214
24.8087	18.5759	32.4688	22.8388	9.35465	21.7118
15.7837	21.5276	11.5537	12.2592	10.1122	13.2161
9.03779	7.16265	8.56418	8.2753	9.20641	9.05482
12.9078	10.7629	14.4046	10.9756	12.344	12.5453
3.58052	2.64471	3.46446	3.33851	3.47838	3.28786
23.038	25.3715	28.419	26.2681	28.3578	28.9224
11.2593	12.9764	10.2124	11.884	9.58588	11.5919
0	0.0492208	0.111214	0.0997803	0.106586	0.167163
121.94	133.991	127.261	122.517	118.001	105.342
7.8549	6.41369	6.39305	7.14724	5.54971	7.35029
0.500245	0.549098	0.408048	0.580942	0.530038	0.905228
4.60312	4.07661	3.64287	5.59633	2.77608	3.8608
0	0	0	0.00388515	0	0
2.84503	4.51729	3.98061	2.14839	3.5169	3.98874
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0129547	0.0982647	0.296847	0.0376093	0.0451976	0.0832031
37.3741	38.3241	34.7446	37.3853	37.3954	33.2661
17.4691	14.1186	14.4198	16.4621	13.55	13.8168
13.9826	21.2194	14.2373	12.2312	11.8	17.6138
7.29105	1.30506	0	2.64562	1.41303	4.43223
4.37255	6.16823	4.03177	4.97784	3.53649	4.29723
91.8179	106.345	109.891	103.272	103.559	80.3974
0	0	0	0	0	0
6.67781	6.0362	6.75515	5.22764	5.6281	6.78421
0.524951	0.50114	0.424622	1.00391	0.2713	0.212745
28.4676	23.7793	25.2074	26.4112	27.1886	23.2998
4.48993	3.17951	3.3137	3.10383	2.33738	3.8119
0	0	0	0	0	0
7.67083	7.69882	8.95628	10.7858	6.81373	10.0478
14.9326	12.4833	14.3127	14.1367	12.7407	15.0238
0	0	0	0	0	0
0	0.0681355	0	0	0	0
0.233927	0	0.378438	0	0	0
0	0	0	0	0	0
0.488126	0.349489	0.542898	0.287913	0.283855	0.0494675
0.357053	0.36977	0.212656	0.23186	0.301428	0.260628
14.5392	17.3781	14.882	15.66	16.5342	15.251

0.307016	0.219818	0.186254	0.0557018	0.0595009	0.0622117
14.879	10.8702	11.9574	12.4715	15.1778	11.6316
1.20385	0.799659	0.942155	1.05533	0.698697	1.35115
9.44804	8.04225	7.49301	9.14216	5.45093	7.54915
2.20085	2.40103	2.79894	2.91085	1.96046	5.78786
28.8139	28.1812	28.9631	28.7206	30.591	28.3042
0.554374	0.198461	0.112105	0	0.322319	0.112335
8.72758	7.44535	8.38636	10.1295	7.41354	8.65436
38.3836	38.281	34.7985	38.4715	26.8384	31.3153
2.16231	0.998048	1.94306	0.906581	1.48984	1.40304
0.0577784	0.0413682	0	0	0.0671861	0.0468314
0.0702511	0.0502985	0.0568247	0.20393	0.163379	0
16.969	14.4642	16.3988	15.9054	18.8319	17.5616
0	0	0	0	0	0
1.03281	0.824481	0.803315	0.633974	0.615649	0.61196
81.8975	79.3739	78.048	89.8717	78.1663	82.9289
1.61697	1.64235	1.30793	1.77384	1.39926	1.24965
0.115761	0.138138	0.187274	0.25203	0.209393	0.0938284
2.19409	1.82549	2.40181	2.39052	1.18778	2.41614
0	0	0	0	0	0
23.4481	21.3559	24.1599	23.8657	28.9571	17.4626
7.46523	6.7259	6.28037	8.36566	6.7462	6.29937
3.04385	2.09388	3.62075	3.20518	1.38802	2.41877
10.6755	9.92089	9.45431	10.1616	10.8221	10.9991
2.99506	3.39763	3.58677	2.78048	2.32182	2.91627
1.90386	0.932668	0.405262	0.945352	0.310717	1.13705
2.66208	1.16715	1.60084	2.08354	1.32382	1.96741
0	0	0	0	0	0
5.22395	4.58482	5.70546	5.62553	4.90815	5.56103
0	0	0.0152453	0.0136779	0	0
0.376431	0.306197	0.172963	0.193976	0	0.176928
0.885322	1.50922	0.818422	0.856659	0.522907	1.1618
5.4233	1.54672	1.35829	1.61174	1.95727	3.63529
32.8546	34.0199	35.597	36.7127	29.6727	36.0071
2.96275	2.74887	2.52414	3.34605	2.47345	3.06926
22.9677	25.0734	23.5893	23.5494	21.3984	22.1165
0	0	0	0	0	0
13.3309	7.08775	5.84139	9.18618	16.9513	17.4737
19.4697	19.936	19.373	19.5104	24.4938	13.4894
7.37399	8.37555	7.21382	7.5929	7.42238	6.2585
0.0932088	0.166839	0	0	0.0722569	0.0377744
0	0	0	0	0	0
0.0847759	0.0202327	0	0.0205078	0.0219065	0.0458092

7.2583	5.8976	6.961	6.33758	6.04062	7.05766
4.57762	4.30434	4.18743	4.19891	3.53341	3.83771
5.30266	4.01368	5.91979	5.40236	6.2606	6.12401
58.1778	56.5663	57.6941	65.5264	61.6521	57.0104
22.8433	22.5432	21.8516	20.8312	25.7649	22.936
0.0108586	0.0602687	0.0265694	0.0167455	0.0168354	0.0440061
4.64559	3.99137	4.76888	4.47474	4.84542	4.45001
0.112931	0.0808562	0.0913473	0.0819558	0	0.183068
5.94489	4.04412	4.92136	4.9853	2.83815	3.59432
2.94175	3.28087	2.9744	3.61288	3.50845	2.84293
17.8069	17.383	19.9343	18.0899	16.822	18.3707
18.2042	17.5748	15.6821	18.0707	17.1188	18.9643
0.669802	1.04369	0.445082	0.457161	0.340892	0.51059
23.5275	16.1493	24.348	20.7752	25.5418	26.0905
0	0	0	0	0	0
0	0.0247897	0.0560124	0.0251269	0.0268406	0
9.32902	13.2619	12.0299	11.807	9.5378	9.13218
0	0	0	0	0	0
17.6503	17.6132	17.5797	18.5478	15.2005	17.7066
0.07519	0.215338	0.182459	0.1637	0.116577	0.121888
27.0925	30.8374	25.6606	27.6605	28.7214	26.6515
3.23463	2.95106	1.64791	2.02603	1.57293	1.69658
48.4908	46.2243	57.635	31.2046	37.3106	54.4982
0	0	0	0	0	0
0	0.120844	0	0.0612435	0.130841	0.0684011
0	1.14517	0	1.54765	0.309953	0.286911
0	0	0	0	0	0.190816
23.7739	19.907	20.0014	20.6066	19.704	19.4327
117.587	192.053	148.461	139.655	178.758	130.593
0	0	0.0167984	0.0150713	0	0.0168327
7.23258	12.4392	6.23837	4.80623	6.13856	7.59628
2.32944	2.18236	1.50315	2.18843	1.89546	2.08745
0	0	0	0	0	0
4.23478	3.33584	2.98411	2.67103	3.06804	2.40059
8.43E-33	2.28E-27	0.197167	0.0466156	3.49E-35	0.0488754
30.2598	34.9018	32.4208	32.2879	24.2804	36.3656
7.196	5.79133	6.54007	5.89603	5.62588	7.77098
1.99361	1.36388	1.44172	1.25994	1.71498	1.57208
1.07182	0.94647	1.01378	0.866265	0.564633	0.774135
1.26491	0.31026	0.629887	0.900924	0.33813	0.551246
63.2868	67.0014	61.1339	54.4008	52.9112	55.1728
0.635589	1.7295	1.93572	1.78203	1.46901	1.33163
1.91145	2.58507	0.171793	1.07892	1.48179	0.344288

2.50838	1.71163	1.72415	1.60672	1.13203	1.33633
0.912147	0.81635	0.968385	1.11706	0.441944	1.1552
19.0211	11.3556	15.2226	16.3856	14.5751	14.8248
7.51812	7.73671	7.65331	7.35649	5.70246	5.65519
0.480449	0.344105	0.316111	0.34912	0.37264	0.633228
89.0211	72.1799	95.7976	96.4643	96.8193	96.7183
1.70759	2.78303	3.08961	2.05452	1.81145	2.05788
0.146183	0.209329	0.0788297	0.106088	0.0377745	0.118486
43.7517	34.5627	43.4768	45.8013	41.1512	43.7781
5.01857	4.02612	4.69523	5.26564	5.14043	4.96621
31.4228	39.1108	39.9455	33.6384	30.1847	39.8339
9.88671	7.7818	7.71959	8.3717	6.16114	5.96171
26.1258	21.0109	23.6655	26.759	37.5822	11.1715
8.47365	7.57381	9.40774	9.28451	10.5188	8.93318
2.78481	1.97288	2.5134	2.5741	2.20428	2.28094
47.079	37.5093	40.6582	30.5697	39.2405	30.6994
13.0773	11.4428	14.6843	11.7074	12.0506	12.7436
27.4739	26.5969	29.4904	30.0676	27.696	28.5791
0	0	0	0	0	0
0	0	0	0	0	0
0.402497	0.259362	0.716258	0.321309	0.343224	0.358861
5.10294	7.51666	4.67977	9.69461	6.09759	6.74422
8.64753	7.54679	9.5649	8.30554	6.58765	8.34217
15.0218	12.7719	7.56806	9.75031	7.75503	9.23669
1.53374	2.71205	1.37199	1.74749	1.08111	1.10199
0	0.139922	0.0395192	0.141825	0.075749	0.0396
22.7055	24.4119	24.0483	29.0591	29.9908	25.704
35.1943	37.551	33.9227	37.9188	38.0057	57.2585
0.25644	0.497554	0.21048	0.329344	0.143446	0.124984
0	0	0	0	0	0
13.8664	8.73673	11.1714	11.1634	12.7274	11.3441
0	0	0.110392	0	0	0
23.1811	27.8038	16.507	20.13	20.5814	27.6215
10.5168	8.3788	10.7587	8.04379	5.87482	6.10068
31.1928	38.556	28.6823	35.0429	42.7936	40.1393
0.691337	0.0824974	0.0932015	0.836193	0.446613	0.093392
0	0	0.458349	0.205613	0.658909	0.688929
28.6045	28.4032	30.0012	29.9634	24.5879	26.5588
0	0	0	0	0	0
2.41104	2.64693	3.2179	2.79957	3.55124	3.94102
21.7405	17.5189	19.792	19.3169	20.314	18.861
1.81884	1.69979	2.02874	1.61175	1.64747	1.76908
0.907559	0.710241	0.785323	0.474828	1.16168	0.547429

221.567	151.124	121.322	143.12	184.809	148.051
14.6459	9.22743	5.96745	10.213	8.25468	9.51006
5.20194	5.11556	5.72861	4.82126	3.93545	5.28313
13.0916	12.4685	11.0775	10.6358	7.78483	11.5528
1.95818	1.45187	2.1073	1.2987	2.28925	1.65753
0.247356	0.232446	0.162566	0.269266	0.659155	0.739308
1.85503	2.43796	2.22582	2.26097	1.85896	1.74188
5.55743	5.31695	5.60354	7.01016	4.31763	5.24373
31.2874	26.8559	28.3398	28.2991	34.0312	29.9025
26.5848	22.153	25.5592	27.9781	30.795	30.9479
5.5005	6.01325	5.93233	5.63719	5.30844	6.9352
1.88441	1.64736	1.92542	1.53553	1.25733	1.3449
2.64675	3.17996	2.87006	2.37537	2.63732	3.43731
26.8235	34.6227	31.1735	36.075	26.8925	31.3497
0	21.0258	23.7539	85.247	0	47.605
4.88993	3.3399	4.14066	3.65014	3.66457	3.83579
21.6969	19.4683	17.1987	15.4755	13.6435	14.7683
0	0	0	0	0	0
0.248696	0.178062	0.40233	0.270725	0.0963965	0.201577
1.11658	1.03633	0.669023	1.20048	0.801475	0.636872
26.3826	25.4658	29.4814	28.365	33.2917	29.3832
25.0687	25.7846	23.3267	25.0651	20.4935	19.6232
0.0756525	0	0	0.109805	0	0
0	0	0	0.0707033	0	0
0	0	0	0	0	0
5.82519	5.08512	5.04349	5.91117	6.72398	5.57131
0	0	0	0	0	0
0	0.00425891	0.0252604	0.00971286	0.0166005	0
1.7838	1.98933	1.60633	1.54361	1.38184	1.66943
0.184495	0.0636216	0.0541302	0.0408339	0.101324	0.0777977
12.1178	9.45991	5.00383	7.49901	5.71596	4.34711
0	0	0	0.0491229	0	0
0.0625536	0.0671807	0.0505983	0.0680944	0.0727387	0.126754
122.287	104.922	120.829	125.819	145.284	120.468
6.31938	9.48034	7.66743	10.2644	8.63177	10.4881
15.9361	14.9101	13.7627	14.9912	12.744	13.7131
0	0	0	0	0	0
1.31905	2.07771	1.81382	2.20169	0.511274	2.45901
0	0	0	0	0	0
84.8248	86.1622	87.6472	96.384	85.8202	85.2565
0	0	0	0	0	0
9.79872	6.8741	9.04123	7.51444	7.76096	8.67079
0	0	0	0	0	0

0	0	0	0	0	0
6.4372	6.03974	6.94774	6.94463	4.90084	6.89964
3832.1	695.763	45.5631	98.6648	24.901	171.33
5.91638	6.11748	4.94653	4.93946	5.14566	5.38825
0.0605022	0.0216592	0.0244695	0.087815	0.0938044	0.122598
0	0	0	0	0	0
0.464993	0.613927	1.27116	0.36283	0.332838	0.405791
49.4263	42.2214	47.5673	45.4302	40.2849	46.0561
7.93758	6.12032	5.83107	7.30419	6.39	11.4944
4.15091	3.61828	3.55596	4.30779	3.93709	4.62152
2.89405	2.69007	3.24445	3.24251	1.61375	2.51033
12.8237	11.1122	12.3789	16.3986	20.9198	18.9932
0.340879	0.0813542	0	0.247382	0	0.0920978
18.2778	15.3007	15.0804	16.4848	13.406	14.1862
21.8698	17.9071	22.0401	19.1175	19.7729	22.0183
7.70823	7.4444	7.425	7.64427	7.58636	8.83133
13.0473	14.5513	15.729	11.8358	14.5395	13.2699
0	0	0	0	0	0
1.08622	1.04589	1.0301	1.14166	0.842052	1.03221
0.18005	0.16114	0.0728194	0.0653328	0.0697888	0.0729683
2.79693	2.98978	4.4307	2.41993	1.21623	3.32252
0.569905	0.408041	0.460984	0.82718	0.589065	0.923854
8.22322	6.38501	7.51216	7.19316	6.48827	7.43654
3.88597	2.68292	3.03102	2.31653	3.49661	2.86849
4.46931	2.92289	3.88901	4.07188	3.62967	3.54412
0.587838	0.561174	0.0792483	0.106651	0.189875	0.0794104
30.0209	29.4368	30.8215	31.1863	27.6108	27.3293
13.489	12.1133	13.6585	12.3017	11.419	13.2894
3.99238	3.10621	3.48739	3.24504	3.26003	3.47363
0.432403	0.587024	0.641856	0.452905	0.652884	0.530812
0.691499	0.73085	0.396003	0.520513	0.601642	0.485593
84.8964	87.8245	56.8591	56.7277	63.4824	79.2549
2.6495	1.71171	0.72107	1.33003	0.830321	0.899445
0	0	0.159833	0	0	0
0.481653	0.775923	0.54111	0.559271	0.758623	0.692522
0.270646	0.217153	0.553785	0.256064	0.250628	0.278273
0	0	0	0	0	0
0.0553385	3.33E-09	0.0447165	0.0795776	0.165958	3.95E-09
63.9413	52.6021	55.6994	64.5038	58.9656	55.0285
2.1539	2.4157	1.27602	1.81624	1.12366	1.32421
1.95145	1.67014	1.80467	2.03434	1.77355	2.43601
2.92303	2.2324	1.51228	1.57301	1.70914	1.66928
42.5577	43.5228	43.9275	39.921	39.1357	34.9085

57.304	54.5637	63.6022	62.674	56.5936	58.8
39.9335	38.7745	39.5382	38.9374	42.4094	37.4511
0.0171322	0.0122664	0	0	0.0265624	0.0138863
8.70679	7.33107	7.15543	9.19999	8.36956	12.7593
26.0547	22.9914	18.0459	23.6902	25.2503	20.3154
0.032938	0	0.0266429	0	0.0255341	0
8.9517	6.95433	7.81556	7.22789	7.82774	8.22514
0.568247	0	0	0	0.110129	0
18.867	16.3685	19.988	19.7241	19.7491	20.4276
0.629295	0.32617	0.96359	0.709725	0.470873	0.514429
4.08548	3.55587	3.63423	3.6362	3.24396	3.24002
31.0661	19.8355	32.254	30.4507	27.7318	34.173
4.83182	5.32996	6.335	5.02828	4.73747	4.32946
2.24079	1.95931	1.94085	1.81326	1.32203	1.8966
8.00697	5.779	7.14416	5.67045	4.42795	5.12087
0	0.0324657	0	0.0740413	0	0
1.00725	0.521093	0.603822	0.680004	0.377175	0.577153
3.31554	4.71749	4.37299	5.07284	4.12551	5.2549
21.7475	22.675	23.5239	21.8556	20.8268	22.8993
1.76365	1.75739	2.56526	2.55	3.21301	1.31815
22.0012	28.8342	23.7509	24.8603	26.8345	26.2517
42.4935	31.1914	36.0645	40.8888	44.8747	39.7218
0.0665753	0.0476666	0.0538514	0.0483149	0.0516102	0.161885
4.67123	3.61701	5.06273	4.24585	3.23238	3.25176
10.7012	14.0784	8.58026	12.423	7.76056	11.7038
0	0	0	0	0	0
31.8416	33.6552	28.8637	29.825	33.1002	35.6226
9.00807	5.00658	3.7708	4.71882	4.2061	4.28399
23.3734	25.5308	15.6747	24.9781	21.8328	26.3774
5.24464	3.94709	4.12177	4.71441	2.51798	3.28483
35.5923	33.8506	45.4645	41.4378	35.373	39.0943
22.3597	19.3167	21.3533	19.7072	20.6079	20.7765
0.28679	0.293337	0.414248	0.327059	0.174683	0.332076
0	0	0	0	0	0
10.6167	10.572	8.24218	8.85604	8.70326	11.4242
10.7494	8.46314	7.92492	9.0676	11.777	8.68058
40.0543	40.8022	46.5572	41.7313	41.2116	34.5769
0	0	0	0	0	0
1.96272	1.93451	0.736562	0.774416	1.26779	0.628274
23.3223	37.5712	37.6283	33.9159	33.049	40.2645
0.0992597	0	0	0	0.0511031	0.0804533
0	0	0	0	0	0
0	0	0	0	0	0



0.481733	0.238785	0.569509	0.618527	0.315993	0.33039
0	0	0	0	0	0
0	0	0	0	0	0
4.95828	4.75254	4.33581	4.51245	2.9503	3.43229
0	0	0	0	0	0
45.0099	41.8739	49.3418	47.331	42.4525	47.5939
0.691426	0.632595	0.683565	0.669074	0.565827	0.539668
7.90916	7.34136	5.68904	6.05766	5.05283	7.09973
0.547283	0.563276	0.719365	0.943286	0.87504	1.08125
3.53584	2.94693	3.52295	3.66193	3.24071	3.53762
0	0	5.73398	0	0	0.0467131
98.9886	107.964	103.341	100.263	92.7813	94.716
0	0	0	0	0	0
62.1703	110.558	81.7501	60.9287	151.67	93.2875
4.37339	4.20196	4.61022	4.6072	4.7902	4.93982
326.614	326.362	368.51	397.671	420.139	403.812
0	0	0.0583371	0	0	0.0292282
12.3954	11.7943	8.4433	19.1748	6.95398	19.8294
0.197585	0.16976	0.191787	0.172069	0.0919024	0.0960894
0	0	0	0	0	0
46.6856	47.5256	39.8669	49.6788	40.3087	45.6705
15.3575	13.5444	13.7425	12.1251	12.8452	13.3322
81.1616	73.7169	72.7227	78.9998	81.3335	64.9828
2.52789	1.22033	1.93633	1.4037	1.79636	1.1176
1.24785	0.559123	0.793593	1.11714	0.540379	0.98559
1.47723	2.36564	1.86319	2.79727	1.74687	2.96195
0	0	0	0	0	0
0.466338	0.233723	0.150885	0.406116	0.216908	0.151193
0.0328656	0	0	0	0.0382169	0.202287
0	0	0	0	0	0
33.5298	23.7886	30.5933	31.9485	28.2915	28.7366
1.28699	1.89142	1.86288	1.9663	1.36527	1.42747
2.46048	1.74111	1.43477	1.74403	1.8408	2.20293
184.78	201.605	212.622	203.206	210.23	182.994
6.74022	8.14997	8.04796	6.46452	9.77675	6.40797
0.942933	1.19139	0.807585	0.925822	0.859972	1.12394
1.90616	1.45999	1.73907	2.075	1.54642	1.85042
0	0	0	0	0	0
32.0182	25.3755	26.0618	24.9899	19.2012	23.5036
6.35739	7.72391	7.18589	7.40976	7.66974	7.12582
5.91144	3.51279	5.45921	5.17584	6.01124	5.89715
1.89039	1.58887	1.09696	1.07365	0.557512	1.44895
0	0.0504869	0	0.00626614	0	0.0571542

2.02601	1.31077	1.4611	1.23117	2.02475	1.29592
0.266584	0.381738	0.79066	0.580395	0.413321	0.720252
0	0	0	0	0	0
27.6401	30.4492	26.8981	29.4906	27.5288	25.3706
5.72439	2.9195	2.84162	4.54124	2.40725	3.53386
0.0459658	0	0	0	0	0
11.9735	9.92796	10.5792	11.8877	7.79841	11.323
0.436493	0.446458	0.403509	0.090506	0.386716	0.303251
18.401	18.6677	11.8334	14.8677	11.3631	14.0462
24.8556	21.6012	23.5652	22.7101	27.6378	23.6894
8.22586	14.9551	11.4814	10.1607	8.33953	10.9919
0.158799	0.238144	0.37122	0.333054	0.180083	0.199057
2.848	3.307	3.91237	3.23513	3.28343	3.27148
0.694735	0.742299	0.717576	1.02388	0.472284	0.511127
0.218739	0.219258	0.115007	0.206365	0.118699	0.141836
0.10477	0.05626	0.0847464	0.133059	0.101524	0.0424598
8.91106	8.83209	10.5161	10.1745	8.31621	8.15544
0.0256374	0.0550678	0.145163	0	0.0397491	0.02078
15.0052	17.2863	14.7245	14.6697	13.6442	16.3941
4.38153	3.55929	3.78355	4.24355	2.89308	3.46083
30.6785	42.5149	42.0755	44.8247	45.7679	32.1599
11.2463	8.4107	10.9032	8.62502	10.1888	9.3816
0	0	0	0	0	0
6.52261	4.82972	5.63676	6.47326	7.75751	9.35356
0	0	0	0	0	0
0	0	0	0.0704244	0	0
0	0	0	0	0	0
4.21086	4.52234	4.52186	4.37309	4.44623	4.47226
15.2673	15.3654	12.7571	15.0256	16.7482	12.4914
0.0417763	0.0897332	0.033792	0.0303178	0.0323857	0.169306
0	1.64206	0	0	9.77851	3.71782
4.10518	3.21055	3.6782	4.35422	3.4272	3.73692
0.0934587	0.167287	0.113395	0.0169562	0.054338	0.0568136
0	0	0	0	0	0
8.37842	5.44755	7.36326	8.08525	7.8292	8.80993
0	0	0	0	0	0
17.0315	13.8741	14.8682	16.0885	13.7486	15.2446
139.424	177.028	196.245	174.982	186.611	176.764
0	0	0	0	0	0
0.0919451	0.0164577	0.116207	0.0667262	0.0178193	0.0845517
7.76519	8.00048	7.10015	6.88907	6.44237	6.75777
0	0.00529934	0	0.0107428	0	0.00599918
25.4529	29.7975	25.3691	27.2076	23.8118	25.3623

4.20E-06	1.15E-06	3.39E-06	1.66E-06	1.85E-06	1.73E-06
0.0531317	0.237758	0.0429772	0.0385587	0.0411885	0.0861301
0.0363804	0	0	0.0792058	0.0282027	0.11795
1.97867	1.17657	0.732435	1.50897	1.87187	0.788297
13.4021	11.6975	10.9174	11.215	9.1563	11.8378
0.351744	0.314791	0.497881	0.957154	0.5112	1.06902
6.25829	5.65272	6.30828	7.33668	7.76243	6.24314
1.52163	1.66286	2.65597	2.61539	2.04877	1.62281
6.11893	4.67044	5.78873	4.73124	5.37824	6.02621
0	0	0	0	0	0
8.2059	7.70169	9.0145	8.60551	7.75423	7.68907
1.37764	1.98638	1.62608	1.01646	1.73623	1.32836
0.363629	0.401038	0.171575	0.153935	0.164434	0.614394
5.97796	3.31785	5.9543	4.78241	6.44274	5.75433
18.2537	18.5159	18.9691	15.6746	15.5447	16.0051
2.20004	1.31922	2.2467	1.95584	1.57759	1.76091
40.5256	72.3875	38.9896	23.778	24.8909	23.5874
44.3331	44.3689	42.254	43.484	34.9169	35.1326
0.444873	0.514534	0.221446	0.546366	0.344873	0.194161
0.746141	0.267112	0.264048	0.507645	0.433815	0.755966
0.228182	0.163374	0.184572	0.193195	0.0294817	0.215774
1.53683	1.32041	0.944764	1.15992	0.953099	0.747391
0	0.0832775	0	0.25323	0	0.471376
0.130875	0.179261	0.178313	0.15998	0.0784698	0.162516
0	0	0	0	0	0
0.697695	0.522218	0.500296	0.72477	0.31994	0.565505
8.72122	8.03258	8.3441	8.6675	7.97123	8.41675
6.74147	6.93279	5.45304	6.43468	4.99004	5.42997
0	0	0	0	0	0
578.99	853.417	589.664	578.251	408.187	927.154
13.3385	10.4475	12.3153	12.4183	11.4346	12.8645
0.0301645	0.0647917	0.123522	0.131346	0.070152	0.147919
2.35822	1.56181	3.26662	5.7332	1.96524	1.72027
0	0.693799	0.261273	0.234411	0.250399	0.261807
0.0490842	0	0	0	0	0
0.605098	0.62088	0.625868	0.961258	0.818939	1.12171
0	0	0	0	0	0
0.925058	0.524103	0.603262	0.410294	0.597722	0.219891
0	0	0.0188075	0	0	0
25.3837	22.3491	18.1379	19.8699	14.8742	15.068
1.93E-07	2.32E-10	0.0514961	0.0832327	0.247631	0.0746619
5.39268	7.0738	5.32233	4.6291	3.16656	4.71345
0.00814712	0	0.00659004	0	0.0284283	0.00660352

5.63073	5.41939	4.18126	4.08632	3.36322	5.23726
0.283433	0.608798	0.630474	1.18273	0.933817	0.57433
119.374	159.62	137.93	134.684	120.92	126.429
8.18587	6.55421	5.9804	7.82522	7.01117	7.96526
34.8857	30.7106	34.8486	36.1898	27.042	30.8328
0.0804369	0.129581	0.174951	0.195581	0.113165	0.478582
2.57895	1.97832	2.98703	2.95946	2.55908	3.07541
0.102714	0	0	0	0	0
0	0	0	0	0	0
20.4166	21.3584	20.2533	22.0398	20.6194	21.214
0.037229	0	0.0301138	0	0.0144302	0.045263
0	0	0	0	0	0
1.49239	1.3764	1.289	0.954556	1.01966	1.61968
105.237	97.1659	102.494	102.467	109.939	101.081
41.3529	35.0639	36.5595	45.6224	28.487	32.3312
0.447914	0.317343	0.264991	0.519728	0.137439	0.311351
0	0	0	0	0.0354567	0
5.08677	8.52867	9.59621	9.63761	9.58366	5.19281
88.9852	75.9719	81.837	85.4638	89.151	82.2726
34.285	40.1541	35.8609	33.6755	30.4161	30.9035
0	0	0	0	0	0
6.30312	9.25506	4.43165	5.12263	6.53396	4.13357
13.1205	16.7608	12.2903	13.1106	14.7776	12.5741
16.4134	11.2196	15.2304	15.957	15.0768	14.3579
0	0	0	0	0	0
39.0101	44.6129	36.392	36.9179	35.4345	40.3286
11.2099	8.00603	10.004	9.65594	10.1478	11.3727
39.4502	36.2227	40.553	43.5258	32.0423	29.9848
2.6954	3.52519	3.61772	2.86905	2.99613	3.27615
8.03616	5.41333	6.9573	7.48482	8.30463	5.90811
0.289031	0.0617859	0.14012	0.0209353	0.0672694	0.281581
17.2127	15.0586	17.2287	16.0672	19.0481	16.3146
0.24462	0.191065	0.197868	0.145248	0.0861968	0.162223
0	0	0	0	0	0
0	0	0	0	0	0
1.65348	1.60137	1.99744	1.35171	1.82423	1.90442
5.33718	4.50854	5.30526	4.89702	5.01681	5.46934
0.413802	0.220245	0.334716	0.165469	0.279453	0.295693
13.1774	10.6452	10.7641	12.1741	11.9963	10.4699
24.3559	20.1226	23.5564	23.5478	24.3755	23.9721
2.44334	1.82541	2.94988	3.05764	3.04665	2.13997
2.49875	0.638948	2.59867	0.777165	1.1069	1.01266
16.61	21.6121	11.877	21.2096	20.7443	9.45034

36.6715	34.725	42.1673	37.5675	36.5673	42.0913
7.62343	11.1437	11.3906	11.005	11.0617	11.5014
1.12864	0.784012	1.35393	1.37992	1.72374	1.25405
32.624	31.43	34.1542	33.2459	28.3668	29.6132
5.36148	4.49229	4.85232	2.78324	3.87807	4.62016
3.48174	4.9283	4.70198	2.31725	3.07069	3.15982
10.3712	9.80386	11.4939	10.2854	11.5591	10.8293
0.452758	0.486406	0.508693	0.288546	0.375205	0.514676
0.240797	0	0	0.174751	0	0.195174
39.4594	33.9413	34.7884	41.0651	37.2876	33.5308
38.7096	36.0423	34.8836	39.0101	35.8325	38.3984
0.174103	0.155818	0.0704142	0.157937	0	0.176396
0	0.201308	0.227428	0.204046	0.435926	0.227893
32.8723	24.4966	19.0742	21.1884	17.9364	21.2154
19.663	12.7292	17.1311	18.967	16.9579	16.7344
4.94053	4.90973	4.76061	4.99609	4.26948	4.04823
77.807	86.1577	87.3473	74.6446	76.0648	70.7991
158.323	134.312	143.17	144.392	179.745	132.488
0.198472	0.142103	0	0.0480117	0.102573	0.107246
4.41285	3.61384	3.92194	3.90767	4.03033	4.59339
0.280097	0.200544	0	0	0.217135	0.227028
15.0784	12.8533	22.1392	17.9288	13.5874	17.5698
0	0	0	0	0	0
0	0	0.506716	0	0	0
17.4691	16.8891	13.6192	15.6008	13.0703	11.8438
0	0	0	0	0	0
31.1505	25.2725	29.5953	29.6626	37.2585	16.3967
0.675809	0.621353	0.786411	0.60345	0.619321	0.783806
0	0	0	0	0	0
0.198662	0	0	0	0.154006	0
112.118	106.38	109.595	123.262	127.448	116.85
23.0491	21.7204	21.9169	21.1549	22.2364	21.6011
0	0	0	0	0	0
20.5234	14.919	17.2139	17.0035	19.3947	8.99279
0	0	0	0	0	0
27.2365	36.0905	29.0049	30.5733	24.342	23.7437
5.88385	7.37865	5.1343	4.78759	4.86533	4.16209
848.556	1550.96	988.622	1045.08	804.033	1998.12
23.0007	14.9408	19.4351	19.1689	18.3194	22.7173
0	0	0	0	0	0
25.1409	24.293	24.1705	23.5797	27.4176	23.0543
2.57417	3.60598	2.42168	2.76157	3.18852	2.76686
8.22257	9.03459	8.82546	8.79024	8.48267	11.1249

0.54572	0.814011	0.64374	0.462045	0.581695	0.99523
3.51955	4.11512	2.92525	2.81197	1.90238	1.64882
7.76663	6.47875	7.32683	6.37942	5.8206	7.0278
11.3263	11.0419	11.5748	12.6232	8.74116	9.5629
0.329609	0.28363	0.473028	0.736909	0.0921285	0.305738
2.53486	0	2.0504	3.68616	0	4.10918
0.390886	0.37782	0.526538	0.268071	0.832749	0.6296
0.134514	0.240773	0	0.195238	0.104277	0
11.3983	9.5634	8.05684	11.3569	10.7423	9.88052
0	0.0391823	0.0147554	0	0.0141413	0.0147856
14.0567	14.7043	14.0527	13.447	10.2837	12.0099
0	0	0	0	0	0
9.652	9.56859	11.0854	10.0579	9.90456	9.32774
1.14619	0.832686	0.849475	0.498578	0.293724	0.670329
0.0551246	0.0328901	0	0.100012	0.079136	0
0	0	0.147583	0.13241	0	0.147885
0.145166	0.138582	0.0848047	0.0526748	0.0812753	0.163419
1.7313	1.1566	0.655288	1.08875	1.07388	1.68367
0	0	0	0	0	0
156.118	216.928	178.882	173.983	169.684	162.431
1.82705	1.13136	1.51781	1.03924	0.88044	0.680408
0	0	0	0	0	0
0	0	0	0	0	0
3.59478	2.59878	3.52882	3.62192	3.08434	2.80054
25.6851	24.0116	28.4071	27.4742	26.9889	27.1825
6.83288	5.05593	5.13091	6.51471	4.44863	7.55668
1.5443	0.962359	0.624576	0.788659	0.642922	0.741752
0	0	0.0276167	0.0495547	0	0.0276731
31.6935	29.6009	33.6536	30.9678	30.3299	33.6245
9.39088	8.97367	9.62388	9.67968	11.118	8.97704
12.2096	10.6758	12.3331	12.1638	8.98185	12.0055
0.218175	0.208279	0.117652	0.131945	0.140944	0.147365
0.278046	0.0565423	0.663234	0.326037	0.274357	0.213586
9.54512	10.3589	10.7037	10.6161	10.0533	10.7822
37.4682	37.4934	38.252	41.1056	37.3406	36.3606
2.02238	3.53932	2.93708	1.93988	1.36362	1.9592
3.65667	3.80737	3.61004	4.14381	2.86321	3.36939
10.984	9.2297	11.5996	11.1266	11.2942	9.64484
0	0	0	0	0	0
26.5844	26.2188	26.7814	24.3451	22.035	23.9414
1.71635	2.31462	1.40416	1.48434	1.31222	1.42893
0	0	0	0	0	0
7.52212	5.98041	5.62871	6.1279	7.23295	6.1331

85.359	51.4709	58.0258	50.1422	98.4045	22.6853
1.40938	0.556537	0.596975	0.707353	0.468035	0.333139
0.664599	0.79299	0.654801	0.612872	0.525308	0.693058
6.47529	7.79276	5.50375	7.33845	4.5557	5.42913
0	0.107947	0.487815	0	0.116878	0.549914
8.39517	7.92498	6.94217	6.95485	9.07124	8.43243
0.0949165	0.0906112	0.076776	0.27553	0.196215	0.076933
0.0502541	0.143924	0.121949	0.145881	0.155831	0.162931
10.7374	9.60397	11.0926	11.8167	10.2657	11.4883
0.171561	0.171969	0.208159	0.211659	0.119697	0.0834337
5.18556	3.82587	5.04865	4.56797	3.55193	5.45454
0.6537	0.434606	0.453227	0.474402	0.289576	0.302769
28.9928	26.542	29.9183	29.5833	24.3984	25.1983
0.16763	0.0600101	0	0.121652	0	0
9.11636	8.31666	6.11957	7.39414	7.60795	8.14259
4.66093	4.58223	5.47939	6.44656	6.48355	5.21709
1.49674	0.951408	1.68905	1.5048	1.23954	1.34335
6.05791	3.66735	5.29851	3.85126	4.87754	5.70854
0.830356	1.04041	1.27615	0.753255	0.579334	0.975896
18.716	16.0826	16.7784	17.4267	18.0916	18.8162
0.151557	0.170518	0.245182	0.18855	0.184626	0.193037
9.8442	7.65911	8.2282	8.38242	9.51378	8.19183
14.8673	12.1157	13.1671	12.9693	15.5957	13.5235
0.0461594	0.0495738	0	0.0167493	0.0178917	0.0187069
1.67009	2.1031	1.89613	2.71297	1.79419	1.46724
0.0712	0	0	0	0	0
0.0514452	0.0736676	0	0.0373347	0.0797623	0
1.01244	1.89101	1.24621	1.30976	1.19435	1.10605
0	0	0	0	0	0
10.2802	8.29088	9.84348	9.28761	8.8978	9.7744
0	0	0	0	0	0
17.5311	12.332	14.5301	16.5682	18.8351	14.7991
7.07232	7.17148	5.5838	6.95795	5.31644	8.75853
4.55239	4.6493	7.29222	4.29745	6.36583	4.2381
0	0	0	0	0	0
10.1186	19.6234	1.25671	1.59007	20.8043	3.84241
7.59227	7.96248	7.87116	7.46934	7.46068	7.45389
58.0424	63.0346	62.3198	56.8956	55.4644	49.3378
0	0	0	0	0	0.0488894
0.356033	0.198266	0.287988	0.114836	0.0613339	0.384769
0.0730283	0.0224086	0.0154409	0.418801	0.0242625	0.096703
0	0	0.138992	0	0	0
0.154781	0.0316629	0.0357712	0.0802337	0.0514236	0.179221

72.0012	102.204	86.1606	81.0012	74.0386	128.187
39.0487	42.0892	40.6838	42.9696	40.8825	41.025
78.7027	59.6068	68.4197	79.6795	92.3001	81.5138
23.7259	31.6681	27.5671	26.9411	28.0755	26.4962
1.29E-06	0.002409	1.07E-06	0.173888	0.182557	8.97E-07
7.20734	5.32172	6.34861	6.44943	6.91298	7.84868
126.727	159.613	193.278	159.368	170.353	133.97
12.3277	13.2538	12.812	12.8255	9.90437	11.6054
0.0635373	0	0	0	0	0
8.86311	7.85547	8.91386	9.90892	6.90776	7.14486
111.605	133.909	118.969	111.978	116.52	106.264
1.52374	1.23643	0.986018	1.03209	1.65372	1.31738
0.196024	0.140349	0	0.426773	0.15196	0
2.33287	1.54181	1.45155	1.56277	2.15626	1.74542
5.29205	4.57352	3.60177	4.31426	2.85547	4.89406
0	0.00887498	0.0100265	0	0.00960923	0
12.4722	9.20374	9.37457	10.8365	11.79	11.8365
0	0.117747	0.133024	0.119348	0.063744	0.0666482
25.0742	20.0882	21.2791	19.662	17.749	20.5899
37.1403	28.5136	33.8972	36.2729	35.9011	34.6053
3.02419	3.10334	3.506	3.26745	3.25591	3.51316
32.0136	30.2661	33.4063	33.2448	32.9071	34.6214
4.29197	4.42035	7.1036	5.31905	4.5685	5.2717
0	0	0	0	0	0
10.8726	10.8851	11.2121	11.6351	8.37152	9.72366
3.89068	3.14279	2.94535	3.54752	3.44146	3.63868
3.1198	0.279215	0.157722	0.141506	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.11705	0.502835	0.284039	0.0849456	0.0907393	0.379493
3.69118	3.30036	2.97144	2.28143	2.43703	2.92025
36.6659	33.5381	35.795	37.0728	29.5978	32.6223
13.7905	20.4215	21.4585	19.1317	15.9715	20.2454
0	0	0	0	0	0
1.86558	1.53926	1.22164	1.28945	1.22585	1.48332
38.1839	38.5003	47.4771	39.402	46.192	41.6176
10.179	8.80158	7.63696	7.72578	4.86034	8.03121
21.6476	20.8128	20.5503	15.55	15.8545	18.5331
211.375	41.357	53.3887	135.809	128.425	189.97
8.74052	7.76567	7.90558	8.10194	7.97695	8.43698
6.71993	9.93863	8.07315	8.32507	9.3142	8.50042
15.264	17.2018	16.7697	15.873	13.0604	14.7335
34.8143	25.6805	36.346	31.8101	37.2187	36.7722



0.231698	0.174472	5.35E-09	0.3206	0.163058	0.258511
6.4548	4.73958	4.16775	5.60982	6.173	7.36579
16.6986	16.9282	15.9372	15.8277	16.1511	16.2228
9.36942	6.57794	8.15781	8.19411	7.63817	9.02451
0	0	0	0	0	0
49.5899	45.9946	54.2865	55.4645	57.8514	53.8543
0	0	0	0	0	0
2.65468	3.87978	3.23205	3.07851	2.88537	3.66012
0	0	0	0	0	0
0	0.118304	0.0334134	0	0	0.122671
7.90912	5.05897	7.35472	7.06472	7.32186	7.91335
0	0	0	0	0	0
10.5206	9.63997	10.9576	10.855	12.2057	8.93855
3.6661	0	0	0	0	2.9715
0	0	0	0	0	0
5.95821	5.87236	5.06137	4.25244	4.1378	3.83669
31.2712	46.8293	33.8635	30.7149	24.1567	33.1826
109.974	116.359	92.7628	95.6749	114.264	35.8418
3.23977	2.53539	2.25492	2.2418	2.10267	2.50381
611.681	828.081	753.456	753.093	755.351	972.562
5.47343	4.8892	5.70449	5.17297	5.16348	5.53082
49.4045	49.3845	48.5045	51.9267	56.759	46.5516
0	0	0	0	0	0
0.111352	0.206247	0.189658	0.273725	0.110098	0.298913
164.487	289.538	186.43	143.164	131.658	261.056
12.1618	7.89713	11.2576	10.0192	11.5906	10.4851
15.3056	12.8213	12.7406	14.6796	15.6445	18.1811
0.312079	0	0	0	0	0
4.46485	1.98759	1.84094	2.11982	2.28688	2.52031
12.2786	10.4767	11.2003	11.3213	11.8617	9.89993
65.7855	60.5251	66.814	67.7233	71.8087	57.7847
0	0	0	0	0	0
0.0843902	0	0	0	0	0
0	0	0.0827376	0.148463	0	0
22.1292	19.9406	21.6764	21.5986	23.7068	23.4248
0	0	0	0	0	0
6.84384	5.75002	6.12927	5.63707	6.32807	6.28545
0	0	0	0	0	0
1.22763	2.50166	1.90963	2.74128	2.70863	1.53083
15.9956	16.5821	14.6161	10.3347	11.395	10.352
10.4412	9.4684	9.1406	10.4026	8.23211	10.0077
52.1519	59.8952	63.5137	70.8193	50.8548	55.9055
43.8781	43.077	36.1608	42.745	33.2285	38.9405

0	0	0	0	0	0.0486113
7.43784	5.57622	4.79244	5.15505	4.32136	6.02862
51.0873	48.0943	48.2809	41.0539	42.5338	43.7783
35.7628	35.8193	27.7314	32.6604	23.0562	29.2306
0.895525	0.728965	0.725791	1.30371	0.697519	0.795297
16.008	15.8262	16.3092	19.0108	19.2256	17.1917
13.4105	15.8894	13.2701	13.2198	13.3103	12.4565
0	0	0	0	0	0
2.51692	2.08147	2.54474	2.98606	1.84555	2.21159
2.76908	2.09124	2.1478	2.918	1.82317	4.79631
7.43679	7.29267	6.73525	7.08778	6.39405	5.66668
0	0	0	0	0	0
4.36115	3.27472	3.33213	3.2785	2.79711	3.53514
0	0	0	0	0	0
0	0	0	0	2.16382	0
13.5896	10.8842	12.5416	12.1936	13.7582	14.8174
1.57119	1.65432	2.24277	2.07926	1.71954	2.24735
12.0044	8.94007	11.2672	10.7509	9.78871	10.5187
19.0407	17.9356	20.0702	21.7204	18.4277	20.7141
25.4515	19.6433	18.7764	21.5571	14.9337	18.3655
0	0	0	0	0	0
0.098324	0	0.0151102	0.0357879	0.222636	0.0399705
0.0151614	0	0	0.0330087	0	0
2.91845	2.56318	2.86428	2.37213	2.38309	2.96476
32.2913	28.4609	27.8989	26.9219	26.7111	20.4619
1.09305	0.917523	1.05322	0.690655	0.845959	1.24359
1.44525	0.716514	0.914344	0.927867	1.12038	1.41164
13.1415	10.3242	12.2646	12.0501	12.4063	11.3157
42.6037	55.5637	36.8848	50.0903	42.5285	45.6982
0.165605	0.0296424	0	0	0	0
6.83023	8.36013	9.9797	6.4667	9.60651	5.31787
3.7643	4.39051	2.40643	3.43681	1.50614	3.29733
0	0	0.506716	0	0	0
21.45	26.0675	24.1953	23.1682	21.7775	24.9958
1.76747	1.98631	1.46586	1.76978	1.47423	1.83154
0	0.0634119	0.0716396	0	0	0
12.623	15.3801	14.2409	12.8572	12.9615	12.2956
0	0	0.107464	0	0	0.215367
0.0418	0.059856	0.135245	0.273015	0.226828	0.0677606
0	0	0	0	0	0
0.0752667	0	0	0	0	0.0610062
3.04748	2.90925	2.71155	1.62185	2.20496	1.72906
0	0	0	0	0	0

0.240288	0.0860209	0.242955	0.174381	0.0465688	0.146071
0	0	0	0	0	0
10.5053	6.9951	4.8436	8.0051	7.65526	6.13074
5.45E-10	1.10E-07	2.23E-08	7.92E-09	7.27E-09	4.23E-08
0.515163	0.423089	0.600545	0.582786	0.505076	0.650897
0.325859	0	0.263581	0.236482	0	0
810.079	1687.27	1001.8	960.837	808.189	1915.55
617.2	220.952	340.391	244.316	130.49	272.87
2.14432	1.3346	1.2697	1.81045	1.49934	1.53357
0.277972	0.0720576	0.221345	0.0755451	0.0793527	0.24089
0.974952	0.923223	0.864937	0.730364	0.658276	1.22358
4.05572	2.25132	3.31745	3.77003	1.51899	2.36397
0.0754977	0.0735747	0.183206	0.0182633	0	0.0203978
0.522513	2.99287	1.05663	1.51679	1.41771	0.423514
7.06181	6.41448	5.267	10.0968	10.4041	10.0523
26.9771	25.5738	26.4635	23.9356	22.808	25.5198
10.6233	14.6985	9.95446	8.85093	10.6953	10.5116
0.0494206	0.0353842	0.139914	0.0358654	0.0574675	0.0600856
27.8122	22.4425	29.8455	24.8019	29.2527	34.3233
24.8819	25.1313	27.243	27.0693	24.937	22.7304
12.8286	15.1042	9.17525	13.5892	9.63085	10.9088
0	0	0	0	0	0
8.24999	6.1268	5.8701	8.59456	5.84654	8.29912
0	0	0	0	0	0
15.8613	9.66828	8.53014	10.6397	7.97574	10.2502
0.068665	0.196651	0.583188	0.298988	0.425841	2.50449
0	0	0	0	0	0
0	0	0	0	0	0
1.85645	2.27718	0.505383	1.3179	0.606483	1.43717
0.0660825	0.0709707	0.0267264	0	0	0.026781
0.0515171	0.0737705	0.0416711	0	0	0
0	0	0	0	0	0
0.0893168	0	0	0	0.0346199	0
0	0	0	0	0	0
0.0231086	0.0165453	0.0934604	0.0335406	0.0179141	0.0561909
21.0166	27.6558	24.755	34.3857	20.8174	16.8266
1.39872	0.993232	1.10371	1.01482	1.44543	1.2442
6.6785	6.82949	7.93227	6.8666	4.63988	5.24783
0	0	0	0	0	0
0	0	0	0	0	0
12.8518	13.4462	12.9914	13.3587	13.1677	11.8229
0	0	0	0.0669052	0	0
0	0	0	0	0	0

9.84912	11.9618	12.8884	11.3122	9.93837	11.3643
0.0829423	0.11877	0.0335452	0.0902891	0.160745	0.168069
0.218035	0.160438	0.348901	0.15548	0.18327	0.347758
1.9147	2.38416	1.6161	2.35616	1.61338	1.28203
0.280471	0.301217	0.17015	0.305314	0	0.227331
1.02374	1.11211	0.599647	0.589235	0.711522	1.25897
14.3755	13.8483	14.694	15.5256	15.8029	11.8614
15.7257	11.4308	12.1391	16.3945	11.6339	13.005
13.5678	10.6093	10.6891	11.311	12.278	15.6743
0	0	0	0	0	0
0.454877	0.162842	0	0	0.176314	0.184347
0.61128	0.437064	0.283416	1.61381	0.676478	0.353416
24.7217	21.3887	19.2558	20.7204	22.5877	21.9977
0.894865	0.71423	0.640775	0.713297	0.705086	0.832332
0	0	0	0	0	0
3.83572	4.06135	3.49135	3.31437	3.92554	3.90587
13.8888	10.7271	10.0823	11.3038	9.84591	10.988
13.3509	12.5062	12.487	14.6057	14.1614	12.6516
0.949191	0.951444	1.22845	1.37769	1.61882	0.692416
18.9961	14.7983	16.5664	16.745	15.6984	16.736
2.1308	1.855	2.33072	2.47768	2.60913	2.61025
0	0	0	0	0	0
0.569818	0.605492	0.868974	0.529043	0.45832	0.526883
0	0.0225222	0.00647679	0.0138355	0.00295583	0.00927147
0	0	0	0	0	0
0.333215	0.477151	0	0	0.258313	0
0.117187	0.125855	0.426555	0	0.0454225	0.0949839
0	0	0	0.064644	0	0
1.66E-60	5.62389	0.866907	1.30734	2.46728	3.26E-48
0.86121	0.702936	0.529428	0.662496	0.547451	0.642197
67.2598	54.7393	47.5174	55.8678	50.3683	58.8005
0	0	0	0	0	0
0.921687	1.22555	0.639029	0.76444	0.714506	0.960503
45.0653	47.3331	51.4007	44.6199	35.5022	44.5021
0.239727	0.338519	0.356783	0.216167	0.298552	0.264945
2.98896	3.04637	2.45534	2.43373	2.84317	3.56022
0	0	0	0	0	0
25.8968	25.1661	20.4695	27.2368	19.0108	24.6562
0	0	0	0	0	0.0313746
1.83498	3.44395	1.69096	1.72486	4.28385	1.53377
0	0	0	0	0	0
15.1991	12.6176	13.0585	12.4612	10.6999	11.5536
0	0	0	0.00777029	0	0

1.84711	1.61738	1.66675	1.74418	1.70491	1.9755
16.7145	22.5657	20.5194	16.3344	18.0973	13.5438
20.8853	19.9298	18.6817	18.6039	18.275	18.0814
0.0327746	0.105602	0.119304	0.0237851	0.112838	0.119548
18.8866	17.0471	14.7702	13.3816	14.9188	14.5102
0.332756	0.336041	0.372927	0.130116	0.401685	0.304387
0.0636598	0.0227896	0.0257465	0.046199	0.0740251	0.0257992
0	0	0	0	0	0
0.0744316	0.0532916	0	0.270082	0.288503	0.120659
79.5376	79.1925	84.2641	82.816	98.552	64.3494
0	0.141895	0.0801528	0.0719122	0.153634	0.120475
0.0450189	0.112814	0.0546224	0.0980131	0.0174497	0.0182447
2.77039	3.55671	3.63183	2.95801	1.82674	2.34874
3.8283	2.74798	3.06502	2.96254	3.71726	3.83912
0	0	0	0	0	0
2.07661	2.07661	4.16072	4.16072	2.96093	2.96093
88.3592	77.4237	90.4748	86.5378	100.256	93.8282
13.7095	21.8378	19.8557	15.2433	18.3793	16.4641
18.8085	20.5264	21.1504	22.0253	18.3902	20.3958
0.30297	0.223918	0.153166	0.0893225	0.271775	0.214871
0.517369	0.477916	0.361694	0.21902	0.28648	0.600728
0	0	0	0	0	0
1.6438	2.6555	1.53202	2.56554	1.34558	1.25991
2.32624	1.70048	2.5922	1.88889	2.15644	2.33379
27.1487	14.5551	22.7287	25.1519	19.905	31.1573
11.0954	7.88733	10.2356	12.1165	10.4035	10.1709
7.17987	6.55238	5.64796	7.12453	6.55364	6.99224
4.03301	4.32349	3.36361	2.7249	2.19132	3.29114
2.94926	3.48794	3.4293	2.8283	5.67496	2.75332
1.96173	1.38013	1.29354	1.75241	1.47914	1.55974
0.0450125	0.0322281	0	0.0326664	0.0348944	0
0	0	0	0	0	0
0.874951	0.0963766	0.489967	0.586124	0.365225	0.218208
0.402916	0.19232	0	0.0974679	0	0.217718
0.747078	0.45848	0.462472	0.409392	0.354579	0.426344
0	0	0	0	0	0
0	0.0127767	0.0108259	0	0	0
2.73191	2.39179	2.34718	1.48952	1.93128	2.17989
3.6374	3.30124	1.86479	1.63589	2.18433	1.95165
12.3961	6.17575	17.9209	8.79936	19.3912	10.8465
1.73314	1.12651	0.391454	0.318689	0.500216	1.0979
0.450525	0.266103	0.491212	0.524102	0.297617	0.377969
0	0.216337	0.244407	0.219279	0.117118	0.244907

9.28646	11.0294	11.3116	10.1487	8.38473	6.0245
0.196772	0.140885	0.171408	0.219694	0.140807	0.257638
15.1873	10.3006	5.85119	7.79397	6.90413	8.78652
67.7507	79.1376	85.9866	104.897	88.0819	123.65
1.89969	1.83595	1.07597	1.29653	1.15383	1.44806
2.62255	2.76919	2.57115	2.97148	2.45013	2.04089
12.9749	10.463	12.0446	12.6471	12.4076	11.8812
23.5978	16.3328	41.4029	29.181	35.8241	41.9645
0	0.229259	0	0	0	0.259535
3.74102	2.87087	3.14306	2.50493	3.17248	3.93686
5.05913	3.69492	3.75006	3.38911	4.18424	4.42973
36.1666	35.5142	38.511	41.2692	33.719	40.4891
24.9293	25.4328	29.9876	31.4857	28.9884	30.5693
6.32498	4.63704	6.09649	6.34925	5.8134	5.4029
0	0	0	0	0	0
42.1214	32.9415	33	39.683	39.6077	24.5495
0.0402935	0.0532155	0.130371	0.111138	0.105527	0.0326592
0.81461	1.25858	0.572221	1.19791	0.797682	0.990403
15.5667	14.5939	14.4616	14.8157	13.0084	13.4449
0	0	0	0.0726208	0.0775739	0
161.472	137.539	142.501	159.868	173.831	175.789
0	0	0	0	0	0
15.5248	20.4174	14.144	19.3905	11.8873	13.9963
0.0530821	0	0.042937	0	0	0.0860497
20.8265	14.4568	11.1195	14.3539	15.8005	18.3988
1.00989	0.552936	0.432914	0.527865	0.798604	0.389966
0	0	0	0	0	0
0	0.386171	0.145426	0.391423	0.278746	0.291446
94.2129	81.5303	61.7738	88.3436	100.312	96.6392
109.369	147.009	115.399	113.948	101.894	119.619
1.73308	0.894275	1.23018	1.39718	1.21132	1.72094
0	0.0233488	0	0.0236664	0	0
3.01117	3.04499	2.25991	1.82481	1.23935	1.27065
39.059	32.7112	30.8281	31.4953	27.4653	30.3475
0.505026	0.221884	0.102126	0.433144	0.28473	0.260489
0.110562	0	0	0.160474	0	0.0896142
8.33816	5.61033	7.15087	7.5888	6.49219	7.27653
22.1945	23.6555	21.7853	19.1347	20.1688	17.6936
7.54986	4.96359	5.5436	5.93853	5.81596	6.6454
1.14847	1.09573	1.6651	0.970051	1.94833	1.54848
12.053	10.1383	10.8766	9.47447	10.064	12.5759
0	0	0	0	0	0
3.19054	2.33468	3.09237	2.73364	2.98546	2.11896

0.63789	0.664932	0.311785	0.709227	0.494502	0.568041
12.3284	13.5658	14.3585	13.7519	11.5212	13.0884
8.71594	8.77689	8.6182	7.07747	12.2685	12.7595
24.1413	20.726	25.247	24.1622	22.6136	26.5752
1.23213	1.05862	0.398657	1.25185	0.382066	0.199736
39.957	28.5837	37.9218	34.5038	30.2951	33.4872
27.4388	27.4183	22.087	19.8858	21.65	26.0044
6.97762	7.77571	6.69083	6.94223	4.95858	5.60999
1.36873	1.32479	1.14814	1.76589	1.61124	2.05445
0	0	0	0	0	0
0.293989	0.493843	0.320118	0.262589	0.368154	0.339102
9.82383	8.17	5.30141	6.25192	6.52133	7.00233
0	0	0	0	0	0
0.32398	0.43079	0.262061	0.302295	0.43055	0.262597
8.43304	5.241	4.87159	6.19437	4.4571	6.55853
1.35249	0.833236	0.865023	0.958698	0.902171	0.930526
0.0225095	0.0161163	0	0.0163355	0	0.0182447
5.27438	5.23817	6.19308	5.22122	5.08115	5.70009
10.3561	7.44541	4.81149	9.16159	11.8101	12.5563
0.941143	0.585948	0.198593	0.564221	0.444097	0.331664
3.08503	2.34687	2.65138	3.35829	3.13892	3.90706
34.7206	35.4806	31.3997	31.2222	30.0402	31.0748
0.486787	0.465676	0.415617	0.642852	0.563897	0.799871
13.8452	17.077	16.0709	13.8962	13.2442	13.2447
0.0182334	0.101058	0.00632086	0.0409392	0.0428661	0
1.58235	1.47281	1.51459	1.41629	1.51289	1.49631
10.8632	11.372	8.83006	10.0929	10.6356	8.08607
1.11912	1.31727	1.24007	0.863778	0.588518	0.79033
3.68623	1.97946	3.72822	3.00956	4.76271	2.61434
1.30628	0.552912	0.528702	0.703949	0.506698	0.994646
0	0	0	0	0	0
13.3325	13.017	14.2316	12.2577	12.0026	13.2149
0	606.972	0	922.889	0	0
35.4361	24.498	61.9249	34.0473	41.8078	66.4115
1.12456	1.87872	2.4257	1.29219	1.16237	1.29129
0	0	0	0	0	0
0.912395	0.675033	0.516612	0.48557	0.612996	1.05999
43.3427	47.0736	58.1616	48.3343	43.4867	46.3194
16.732	17.6592	11.3954	15.603	12.5676	10.4348
19.8182	17.139	18.1533	17.0101	14.9082	17.1233
67.8953	65.4491	79.138	77.6142	89.4219	61.7174
1.16223	0.594384	0.268602	1.08444	0	0.134576
12.6333	9.49256	11.5822	11.0732	11.9567	12.5259

3.01298	3.11898	3.18575	3.57611	2.80405	3.19064
14.5018	10.5615	11.1218	11.9148	13.3853	11.9944
9.82883	8.16166	9.13303	9.13726	9.23571	8.62499
0.207022	0.444671	0.334911	0.300479	0.320973	0.167798
0	0	0	0	0	0
0	0	0	0	0	0
7.29157	4.30368	7.45543	6.33189	6.45585	7.55816
2.12784	1.70816	1.96456	2.57371	1.94945	1.68984
40.5717	34.997	44.3871	40.3523	37.1025	31.5697
0.263659	0.188775	0.298576	0.191342	0.28615	0.299187
0	0	0	0	0	0
0	0	0	0	0	0
4.3834	4.96782	1.10603	0.595268	3.37158	5.09277
0	0	0.0524784	0	0	0
1.26E-247	0	2.99E-248	1.094179999	8.28E-295	2.69E-202
22.4328	21.3261	30.5176	28.564	29.1738	27.7576
6.40207	5.20942	6.12215	5.1156	4.99177	4.68669
1.96312	1.49582	2.34547	1.80371	1.32638	1.83934
39.5564	38.8088	42.0652	36.2843	36.6545	35.0468
21.4101	26.5725	26.973	24.1908	26.6889	23.0978
0	0	0	0	0	0
22.9011	19.0685	23.1186	23.0903	22.4124	22.751
0.0543928	0.0194721	0.0219986	0.0197369	0	0
4.10731	4.428	3.13296	2.89247	4.07805	5.90048
0.0254658	0.0425437	0	0.018481	0.0394829	0.0412817
1.79444	1.73625	1.66032	2.15301	1.21061	1.5985
0.0142644	0	0.00384605	0	0.0294879	0
41.315	31.0296	39.523	45.097	47.9113	44.8319
0.178482	0	0	0	0	0
14.0604	15.0048	14.1481	12.8481	10.2141	12.6696
78.5305	71.0447	53.9852	81.7243	57.9117	67.7522
0.468939	0.0604352	0.0986219	0.183771	0.196305	0.0608145
0.0943502	0.091947	0.076318	0.0684716	0.0487611	0.179501
28.6686	27.0521	28.0959	26.8669	28.4615	26.7659
0	0	0	0.0721317	0	0
0.312312	0	0	0	0.243628	0
5.92745	4.51439	3.797	5.35753	4.83823	5.71468
7.54029	6.05878	6.05209	6.12709	7.09417	5.72624
13.9612	12.3101	13.047	12.3351	12.6321	13.0485
28.2377	23.1545	28.0783	30.2931	22.7314	29.1757
21.9983	17.296	19.6732	20.6197	31.1478	21.2132
0	0.0357135	0	0	0.0773362	0.0808596
0.590641	0.516862	0.690094	0.508016	0.457874	0.585119



5.57073	5.51237	5.46022	5.68452	5.31787	6.06289
7.54386	7.21649	7.04514	6.42365	5.66512	5.24578
7.08715	5.25093	7.59679	7.56249	7.95513	9.60975
0	0.26857	0	0	0	0
5.66652	4.02259	5.16866	4.82976	4.59839	4.7688
61.1873	56.0433	56.0209	64.641	66.0513	66.3192
0	0	0	0.110099	0	0
0	0	0	0	0.0337021	0
9.18419	6.30929	6.99525	7.6863	7.66164	7.46553
0	0	0	0	0	0
2.93804	2.2781	2.77207	2.26695	2.43906	2.32493
22.4269	15.4289	20.3754	21.0876	20.4597	22.1031
11.2147	12.7265	10.6482	14.4113	11.2	11.226
0.149922	0.697717	0.42444	0.489604	0.0581108	0.182275
0	0	0	0.0474895	0.0760927	0.0265198
23.8037	27.5206	26.0737	23.2802	22.6524	23.386
0	0	0	0	0	0
0	0	0	0	0	0
18.0152	17.1839	15.4252	15.003	12.3276	14.0341
9.09151	7.17354	6.57025	6.64151	8.26013	7.7343
15.9908	13.9427	37.693	54.7492	38.3044	96.6516
0.262237	0.15445	0.222099	0.899827	0.425256	0.614487
6.02265	4.13729	6.41867	6.20174	6.18308	4.71665
4.47125	5.93223	3.70031	3.74196	2.74485	3.48844
13.8545	11.4977	16.5553	10.3973	10.4962	14.675
14.4983	12.603	13.3226	14.7357	12.2727	13.3646
0	0	0	0	0	0
13.0085	12.7456	13.2599	11.8038	14.3119	13.4219
2.31827	1.43852	1.2918	2.31799	0.998421	1.3362
0	0.0363523	0.041069	0.22108	0.196799	0.123459
2.00296	2.36286	1.99913	1.53447	1.75881	1.75559
0	0	0	0	0.115574	0.0268531
0	0	0	0	0	0
29.8281	36.5573	40.6303	33.9837	22.348	32.8071
0	0	0	0	0	0
28.8554	26.0595	26.5066	30.9606	28.8295	23.872
4.54503	4.07826	4.63923	4.96705	3.92106	4.27338
26.694	26.0483	32.4554	25.3122	28.9911	22.6746
0.111734	0.0799992	0	0	0	0.090564
0	0	0	0	0	0
39.8916	36.6223	39.2229	41.8811	42.4697	37.0757
152.787	174.047	167.182	179.236	159.642	165.133
17.2772	15.8688	17.7738	17.0402	18.5222	18.4917

0.0858631	0	0	0	0	0
21.4171	27.7648	11.3773	13.7901	11.5867	8.60579
0.297802	0.236912	0.214121	0.348194	0.218035	0.362068
51.8291	40.349	43.8417	53.6676	53.3564	47.5263
12.6584	8.19419	10.5962	11.7216	11.5761	11.4685
3.68776	1.91477	3.18789	2.92143	3.81902	3.46822
71.4293	82.2206	74.5554	73.1208	64.6374	68.9183
2.09655	1.08319	1.33108	0.731982	2.53073	0.910813
0	0.00728289	0.00822785	0.00738194	0.0157708	0.037101
21.1769	20.0993	24.7264	19.0603	25.1061	24.4023
0	0	0	0	0	0
0	0	0	0	0	0
1.19876	1.31766	1.23283	1.09973	0.748522	5.36E-05
32.6662	37.0507	36.9601	34.3455	30.9439	31.5142
2.10659	1.76516	2.71912	4.81413	1.70256	2.5067
2.21617	0.58936	0.512177	2.02188	2.30705	2.61744
5.19168	3.64082	4.41838	4.47601	5.20316	4.16316
0	0	0	0	0	0
0.101074	0.100511	0	0.117364	0.0783542	0
4.4391	3.49696	3.683	3.26524	3.95572	5.05055
83.0685	92.3083	86.782	89.5024	91.7212	80.3724
0.0970192	0.108539	0.198649	0.126738	0	0.0196588
0	0	0	0	0	0
2.81781	3.08742	2.27524	1.3881	2.83164	1.77652
5.79036	4.04047	5.57069	4.75534	4.49914	5.43033
14.4757	16.0929	17.8275	16.9305	15.995	15.8688
3.47281	4.72736	4.26565	3.71819	3.75575	3.04071
18.4727	14.4794	16.2978	17.7035	19.4595	17.7198
11.5425	10.8226	9.79333	6.93889	6.01628	2.86142
7.36312	5.87315	7.63047	7.2145	8.43331	7.5036
20.4439	12.5623	13.7342	19.2206	26.6264	28.1515
1.38381	1.14063	0.999184	0.940539	0.790105	0.971071
0.353742	0.569863	0.858404	0.449254	0.274226	0.788479
14.0263	17.3976	18.5856	19.3303	16.4179	16.6422
9.39845	9.35285	9.81663	7.9939	10.6112	10.7452
0.206427	0.211139	0.119267	0.321016	0.160025	0.167316
5.82157	5.04104	3.82252	3.91262	2.11065	3.65874
2.9178	2.40602	4.3849	2.82959	4.00394	3.51962
5.33097	5.07988	5.30883	4.70655	5.07783	6.09766
12.3943	9.02879	9.7013	12.7141	10.3782	11.458
15.5973	17.7024	19.9993	20.2489	19.1669	17.1371
28.8446	26.2496	31.2305	31.447	30.9671	29.7279
26.2919	35.7897	23.705	23.5561	20.8851	28.1508

51.4668	47.0618	42.4839	48.6094	48.6227	40.1002
4.19361	2.56426	3.21615	3.72207	4.65738	4.41175
0.0433563	0.0124169	0.00701401	0.0125858	0.0067221	0.0281134
69.007	85.6617	74.6232	78.4732	64.4405	69.9961
5.61943	4.35332	4.20271	8.38235	8.36576	9.22953
16.1154	12.8936	14.6493	13.5887	11.7394	11.6522
0.0785775	0	0.0211866	0.11405	0.0203048	0.0424598
6.81327	4.28084	6.24218	6.15541	6.62913	7.1002
20.1415	20.583	23.9063	20.2774	19.506	20.6853
0.0634281	0.0454133	0.102611	0.0920618	0.0491704	0.102821
30.6912	32.3563	32.8474	31.0788	33.6062	31.5749
0	0	0	0	0	0
7.4459	7.72734	8.8139	7.55001	6.45599	6.07721
54.6327	52.5928	45.4148	63.4587	43.5054	53.5698
28.2229	25.5237	28.156	27.9416	23.9757	26.8842
1.94981	1.91284	2.08049	1.78822	1.73653	2.35613
20.4067	18.8524	21.5979	19.7619	24.636	19.4072
3.33915	3.85727	3.57001	3.20484	3.28491	3.48141
52.5207	62.2415	71.9225	67.7817	67.7897	71.1999
0	0.0362524	0	0	0	0
0.166446	0.159062	0.249323	0.55368	0.376667	0.383744
9.63736	6.27471	8.19343	8.06528	7.57035	8.60888
0	0	0	0	0	0
0.969684	0.953092	0.239279	0.214678	0.668188	0
23.9266	19.2092	24.448	25.9058	27.3837	25.5808
0.214342	0.214851	0.312078	0.279993	0.166161	0.312716
1.07372	0.790884	0.812274	1.0539	0.862303	1.23968
19.984	14.4788	15.6505	16.3577	21.5285	19.4179
0.121066	0.0821489	0.0481132	0.129165	0.0925796	0.146142
0	0.0635466	0.0717918	0.0644108	0	0
0	0.00295966	0	0.00599983	0.00801131	0.00335052
7.583	5.31184	6.00976	6.19863	5.90471	5.0595
100.125	100.472	86.1084	81.9679	103.138	82.2614
0	8.42642	0	10.6858	0	12.2253
397.9	478.554	488.803	488.187	478.091	475.594
0	0	0	0	0	0
2.01369	1.15832	2.73352	1.67001	0.613064	1.57335
15.6177	12.556	12.4036	13.8557	13.0153	12.7328
0.13953	0.279722	0.158008	0.303778	0.194699	0.203569
3.21843	2.06344	3.19499	2.28259	3.5043	2.79836
4.01551	3.66198	3.36022	3.5897	2.58585	3.27567
10.8417	10.708	9.72959	10.5354	10.9842	10.688
10.1139	11.9287	11.5852	9.11423	9.89123	10.8075

11.2258	10.4371	10.7226	12.8356	10.265	8.83874
0.60152	0.215338	0	0	0.0582884	0.182832
17.2186	17.0778	14.8553	19.4942	21.9031	16.5783
0.179349	0.256822	0	0	0	0
0.892807	0.489265	0.681608	0.956034	0.817827	0.894828
0	0	0	0	0	0
0.188257	0.127357	0.143882	0.129089	0.0897742	0.169425
0.735438	1.45816	0.915201	1.39588	0.657834	1.19219
30.1781	34.9188	33.5293	35.1923	32.6179	31.2924
0.719437	0.85186	0.897843	0.928832	0.664397	1.37239
7.61961	4.88487	7.28513	5.71478	7.9211	5.41365
10.4398	9.40515	8.61734	8.26079	5.98343	7.72428
0.0677986	0	0	0	0	0
4.19961	3.25741	3.39698	2.41279	2.57735	2.69477
8.06688	7.05355	8.11311	8.75554	8.41189	9.1423
55.0442	62.8693	67.4488	67.6476	72.5155	64.7983
61.8071	53.4002	54.615	53.6088	71.2859	45.8932
0	0	0	0	0	0
4.95932	3.88613	5.23723	5.51857	3.84454	6.09654
0	0	0	0	0	0
2.24104	2.89708	2.21556	1.80707	3.37806	2.06872
0	0	0.0775496	0	0.037161	0
0.0914757	0.0327474	0.0369964	0.265542	0.0709134	0
0.207603	0	0.142305	0.602646	0	0.168269
27.5945	26.0021	28.7482	30.7709	29.6212	37.4868
41.505	50.0486	55.8677	42.7475	41.4827	39.7912
0.213228	0.370929	0.466239	0.227161	0.256814	0.451658
0.846358	0.386057	0.411084	0.391307	0.78723	0.316082
2.14929	3.02834	2.57584	1.9338	2.46864	2.9864
23.6055	25.4643	30.0413	23.7549	28.303	24.2359
16.247	22.9657	20.0027	21.7609	14.7713	20.4309
6.29325	4.78121	6.0096	5.30294	5.54266	4.94503
0	0	0	0	0	0
17.1108	17.6595	18.1498	18.445	18.3668	17.2732
0	0	0	0	0	0
3.6881	3.39678	3.01504	5.38496	4.46479	3.57025
11.8581	11.0084	11.6239	11.3665	9.72674	14.0796
46.6231	44.7945	48.1886	45.6113	43.4592	45.9796
0	0	0	0	0.022308	0.0233244
0.338872	0.233259	0.162669	0.267815	0.332978	0.523057
0.0197874	0	0.0160056	0	0	0
36.4549	24.3098	33.2459	30.0872	25.4898	26.9408
30.5369	24.0153	24.8555	27.7475	27.4642	29.7785

1.33758	1.84188	1.58158	1.90407	1.59525	1.66819
20	15.5338	18.8365	16.7811	18.4125	19.2327
10.6057	10.5395	4.72167	7.84853	7.00706	4.55011
1.79985	1.47372	1.12158	1.30619	1.09338	1.91402
13.8575	13.4704	15.1144	11.5186	11.7929	13.2944
23.8295	19.3913	20.1226	19.6543	17.0615	17.723
0	0	0	0	0	0
95.7364	93.1633	101.775	99.4056	110.203	113.325
1.65069	1.13178	0.803414	0.964448	0.683228	1.04312
17.5511	17.9968	18.37	17.6335	19.5883	16.7278
0	0	0	0	0	0
3.0307	2.1319	2.66047	2.17965	2.50926	3.23389
2.4504	1.85533	1.97351	2.21754	1.9798	2.03384
8.76629	7.77932	9.06833	9.71303	9.5715	10.6681
0.104178	0.0372949	0.0421339	0.132307	0.0807607	0.2111
1.28927	1.84374	1.41713	1.53274	1.31828	3.04667
21.6847	23.9567	23.0574	22.9283	21.7861	20.7837
16.4073	13.452	15.2206	15.8117	13.1708	15.7998
8.51372	9.43655	10.9258	10.0996	9.26534	10.6827
2.70719	2.54639	2.57627	2.44623	2.75706	3.11934
0.0445506	0.0637947	0.144144	0	0	0
42.9137	23.618	23.8559	40.0359	19.8103	9.11984
4.55614	2.64565	4.20078	2.58742	2.6675	3.62028
55.0944	42.6877	53.8115	52.961	57.3296	55.55
32.3951	38.1221	33.4677	32.036	29.0831	29.6373
90.6155	68.6574	55.6132	79.4585	59.7487	64.5135
9.32266	9.83803	10.2415	8.45516	8.09545	8.81932
3.63214	3.45584	4.07398	3.74885	3.91694	3.87296
0.109608	0.0697578	0.0394045	0.176766	0.122735	0.0296138
602.032	893.784	845.435	731.491	616.438	704.46
134.854	129.148	140.738	151.576	163.377	108.976
0.825196	0.564679	0.767377	0.463602	0.823501	1.00189
26.7644	27.4309	27.1967	30.9021	35.1103	22.4358
0.177124	0.0905838	0.0818696	0.128542	0.137309	0.082037
0.18344	0.0525357	0	0.0532502	0.0853231	0
14.8579	12.3458	14.8702	14.5315	12.2536	14.2412
1.36032	0.973962	0.733556	0.329069	0.351513	0.367528
0.781751	0.842122	0.796086	0.628061	0.887867	0.882751
0.122868	0.417863	0.919487	0.512713	0.0714368	0.0746914
60.4704	58.7222	62.5675	61.1187	68.9448	57.4903
0	0	0	0	0	0
7.87714	6.2095	8.11155	7.40623	6.29016	7.45791
43.7042	39.8826	44.0315	45.8292	58.0804	46.889

27.0494	24.5609	26.468	27.9193	27.2211	27.6481
13.5303	13.1486	14.7644	16.6242	10.1409	12.1336
68.7776	34.0215	90.2937	53.8132	53.7926	33.8148
0.0816477	0.0493241	0.0773944	0.079992	0.0118676	0.0893407
28.9907	26.8444	30.9637	24.5927	25.1371	26.4276
3.85853	3.2924	3.52632	3.72046	4.91688	4.45546
0	0	0.0247126	0	0.0236841	0.0247631
0.843107	0.905473	0.681973	0.573617	1.02123	0.98234
9.04467	11.5448	12.3185	12.4031	7.04153	10.4483
0.138593	0.396921	0.224211	0.301739	0	0
43.6145	433.177	55.5863	40.0969	133.005	379.502
0.407463	0.278475	0.359551	0.349468	0.301514	0.195155
2.43607	2.21392	2.39768	2.35186	1.95856	2.34734
0	0	0.0162697	0	0	0
34.8099	28.1421	29.6319	30.3795	24.4747	24.2372
5.39479	3.44686	4.28546	3.87998	3.54449	4.31383
62.5037	0	0	45.36	0	0
2.18714	2.42722	2.06399	1.87824	1.94983	1.77275
6.0662	5.82338	5.06353	4.55645	3.39525	5.75531
14.4026	11.5222	11.5636	13.101	14.5956	12.9568
1.93589	1.06278	1.1352	1.01859	0.872367	0.675026
1.01762	0.757927	1.38899	0.599387	1.64426	1.56474
17.7215	26.6144	11.7124	10.8219	14.7432	23.1223
1.77993	1.48602	1.08151	1.50416	1.37983	1.67996
1039.37	2048.49	1414.87	1536.22	1519.2	2951.93
1.84768	2.40723	2.14246	2.17703	1.46504	1.55003
17.3861	15.9506	16.3568	17.5242	19.6131	15.7336
0.210954	0.151039	0.113758	0.204124	0.109023	0.0569952
0.27589	0.040401	0.0130409	0.0773671	0.0437435	0.0130675
13.8013	13.3711	14.5437	8.95251	15.2437	18.8979
154.404	151.078	159.038	154.409	131.364	148.642
14.1703	11.4769	13.0136	12.883	11.8954	12.5325
3.34731	1.93108	2.1232	2.00977	2.18418	2.61551
0.265009	0.379483	0	0.192322	0	0.214799
0	0	45.3855	0	0	0
2.35451	1.67921	1.95389	2.05438	1.52986	1.88635
4.02961	4.49772	4.98219	5.8376	5.03614	4.66946
1.7438	1.98893	2.11579	2.56044	1.99629	2.6789
0	0.424207	0	0	0	0
5.68442	3.81779	4.42629	5.26522	4.10506	4.44893
0	0	0	0	0	0
13.0499	11.2121	16.0706	14.3797	14.5759	17.8304
13.5968	11.943	18.0279	15.0555	23.2541	14.4291

4.184	12.9812	10.1531	4.04854	3.2435	7.91297
0.780787	0.325727	0.136733	1.05735	0.390765	0.454549
0.668769	0.90977	1.62286	1.31041	1.19241	1.08412
8.59949	7.39206	7.75611	7.89461	8.11251	9.1188
0.176349	0.46764	0.507184	0.0853199	0	0.0714686
16.4683	19.5043	22.9786	17.6283	20.1074	19.0767
12.4407	12.7388	13.8737	15.4015	18.2248	14.2728
1.04747	0.867315	1.00614	0.665148	1.06593	1.11433
0.731209	0.149581	0.422472	0.227422	0.242933	0.59267
4.49604	5.38923	6.429	4.20382	5.12583	5.56863
39.9619	53.4686	30.5061	51.6581	46.275	57.493
15.4843	16.1741	12.0102	16.548	13.302	25.6168
1.45028	0.401242	0.231373	0.695211	1.13375	1.19235
0.379916	0.0906708	0.256088	0.321663	0.294516	0.20529
3.61117	2.18963	2.07214	2.92378	2.32704	3.02736
0.0735774	0.0439	0	0.040683	0.0456307	0
0	0	0	0	0	0
2.44111	1.44798	2.15783	2.29503	1.78551	2.45864
13.2161	10.0377	12.3209	12.0868	10.6261	12.4873
5.87505	4.40484	6.142	6.83789	4.38256	3.90837
68.7255	74.0365	66.4596	68.0753	68.4895	62.8569
63.2121	70.2993	72.9923	78.1547	74.8202	89.3253
0	0	0	0.0582462	0.0622188	0.130107
0	0	0	0	0	0
0.687369	0.237586	0.287585	0.447232	0.404238	0.499501
0.0499142	0.0357376	0.0403746	0.0362236	0.116083	0.242743
0	0	2.36157	0	0	0
0	0	0	0	0	0
0.529775	3.03447	1.14273	0.717673	2.10821	1.86074
333.919	614.748	347.254	276.938	184.894	270.648
0.0388307	0	0.0628188	0.0281802	0.120409	0.0314736
30.5904	28.1633	25.6467	27.3661	25.2989	19.6272
0.243177	0	0	0.176478	0	0.197104
10.5395	8.5375	10.2433	9.86336	9.67111	11.0815
9.75997	12.5316	11.1991	11.6164	10.3011	12.2376
2.48088	1.58192	2.57871	1.71781	1.76028	4.36395
0.0822763	0.117817	0	0.119419	0	0.0666877
0.247445	0	0.200153	0.0897877	0.191823	0.100281
6.42468	5.99387	7.43649	6.60914	5.58421	3.40148
0	0	0	0	0	0
1.43532	1.13765	0.583828	1.14588	1.24064	0.577272
0.528578	0.226537	0.565033	0.254383	0.168114	0.165794
26.8733	32.6071	32.4937	28.6712	27.531	44.214

2.21154	1.86115	1.8203	2.63446	2.74845	2.42707
13.9537	20.2099	22.4284	28.401	23.5771	27.6577
6.5747	4.99076	5.42242	5.24216	5.29911	5.41376
0	0	0	0	0	0
51.059	51.4828	49.0403	51.999	50.2501	53.0082
1.0001	1.67079	1.68534	1.754	0.581471	1.48613
45.8557	43.2502	46.1261	51.8582	44.5113	46.0929
4.17884	3.84682	4.70811	3.79083	2.89241	2.90322
6.86528	6.52621	6.23709	5.87889	5.90514	6.01863
89.1531	100.968	79.8578	95.5278	116.226	55.0317
8.0095	6.67369	7.51473	7.23946	5.73583	7.48956
1.41699	0.977117	1.07571	1.15477	1.11648	1.34621
0	0	0	0	0	0
0	0	0	0.0470004	0	0
7.65228	6.92531	8.72315	8.47592	7.51603	8.24112
1.68847	1.70143	1.65482	1.19294	1.50284	1.67993
0	0	0	0	0	0
2.66811	1.68165	2.11452	1.82275	1.47989	2.23929
24.2505	20.7343	21.0496	22.2224	17.5646	18.2414
5.59447	5.75104	5.57896	7.02428	7.26844	6.42219
0.109182	0.128427	0.0584335	0.0260372	0.0847142	0.0291141
0	0	0	0	0	0
13.1615	10.2736	16.0491	14.3273	14.9976	15.0392
4.52518	4.80845	6.2472	5.22911	5.78842	5.39742
15.4841	17.7538	18.7852	16.2349	12.4455	20.5884
0.559939	0.43876	0.509825	0.571369	0.278051	0.326796
6.30618	4.06784	3.34252	3.5569	3.69868	6.49779
20.8051	16.463	17.4112	19.3618	21.3632	19.5824
7.94438	7.19587	4.0069	7.78245	6.30985	6.88411
7.46873	7.27547	1.6028	5.75204	4.96275	6.54784
0	0.300733	0.135901	0.243859	0.0651227	0.476628
1.26243	0.858883	0.914521	0.702297	0.795171	1.11483
75.2263	85.3822	86.2609	81.4985	78.9669	71.8491
1.50823	1.10146	0.829582	1.6856	1.66026	1.85815
0	0	0	0.0741285	0.0791845	0
1.09365	0.713432	1.53337	1.16407	1.22463	0.689456
0.416483	0.68814	0.544198	0.441749	0.471878	0.337573
13.4982	13.4732	8.61036	14.3625	9.12817	9.25805
0.316849	0.324974	0.367266	0.360448	0.212389	0.347001
7.86848	8.8258	9.15054	9.20549	9.22555	8.21603
0.535274	0.383246	0.649458	0.679801	0.414952	0.108464
0	0	0	0	276.282	0
6.64489	4.99283	5.80654	5.8825	5.32609	6.30961



9.46003	6.38159	8.61733	7.16302	13.0225	7.38555
11.0417	9.67324	9.82989	9.15948	9.38075	10.3612
0	0	0	0	0	0
0	0	0.0489497	0	0	0
8.29538	9.76342	6.95924	6.84016	5.69356	5.87023
0	0	0	0	0	0
0.973599	0.428031	0.455935	0.545414	0.397236	0.719912
17.6291	10.8349	1.39802	4.7663	1.22151	1.37049
0.521823	0.574793	1.49356	1.45653	1.52475	2.27745
0.165327	0.355113	0.13373	0.179971	0.352451	0.201005
8.37509	6.24625	9.03259	11.6494	8.11562	17.2536
30.9426	23.4285	26.9648	28.2276	30.2385	30.4422
38.0968	37.0027	36.8316	41.8215	41.9429	53.9767
2.28979	2.06086	2.01086	2.08889	1.24284	1.32595
27.4741	21.3624	25.3368	24.3282	30.7082	25.8838
0	0	0	0	0	0
10.0216	7.24978	9.76817	10.9209	10.68	9.487
0	0	0	0	0	0
0	0	0	0	0	0
1.65963	1.23777	0.997536	1.08472	1.95804	1.14576
15.1907	15.3531	16.947	15.1622	16.253	14.896
51.1683	49.6992	49.2494	57.6752	51.827	52.0862
0	0	0	0	0	0
1.14752	1.04003	0.752009	0.790609	0.867053	0.729953
11.4195	11.3027	11.1675	11.9364	11.6677	12.0567
46.8144	41.3462	37.3044	35.7773	42.0701	22.5573
7.04397	6.21079	7.0694	6.91058	6.52238	6.66094
0	0	0	0	0	0
31.3166	35.2251	33.8174	41.6814	31.0504	31.5259
6.94135	5.75874	5.77779	4.88254	7.58767	5.69173
0.0306405	0.021938	0	0.0444727	0.023753	0.0248351
16.2915	16.4455	17.6599	16.2567	14.6487	14.7019
5.80654	6.09748	7.29121	9.02981	7.20211	7.84399
4.67172	3.39487	5.9947	3.97606	4.5721	4.68605
5.56756	6.26029	7.47477	5.71006	5.21168	5.82902
8.76506	7.90766	8.99953	8.72416	8.09907	10.6016
0.262158	0.145989	0.0942464	0.177675	0.549907	0.283317
0	0	0	0	0	0
0	0	0	0	0	0
0	0.108169	0	0	0	0
24.3515	21.8928	24.4183	23.84	17.8394	22.3431
0.447388	0.297509	0.206507	0.301073	0.123695	0.413858
0	0.0763975	0	0.0774365	0	0

9.92549	9.16236	11.0462	10.2502	9.84925	11.404
2.02823	1.85267	1.76755	1.64992	1.91342	1.64515
17.0293	19.5483	18.6115	19.6893	19.4778	22.3015
0.754031	0.593859	0.378151	0.262663	0.233815	0.440041
0	0	0	0	0	0.0843091
9.13516	7.94759	9.10767	10.6767	8.35807	9.34154
1.6258	1.63595	1.06628	1.27553	0.579076	0.320537
10.239	8.56964	10.5333	10.24	10.6119	10.262
1.71577	0.366654	0.414228	0.366388	0.457117	0.664123
0	0	0	0	0	0
1.21E-244	0	0.161387	0	4.95E-182	5.20E-213
6.49554	6.31184	6.04852	7.22594	6.74371	7.05114
50.662	83.2396	54.8624	49.9148	55.8848	44.5024
0	0	0	0	0	0
528.755	549.527	550.613	553.915	556.666	480.61
0.983034	0.60967	0.852798	0.963603	0.393407	0.67647
0.414319	0.4123	4.37E-06	5.15E-06	3.85E-06	2.86E-06
57.8225	53.4175	47.7087	61.9784	38.1323	52.2265
36.655	12.4253	23.3559	45.8529	14.8347	11.9892
501.275	511.439	411.262	427.028	428.568	375.679
15.6293	15.2468	17.3041	22.4014	19.0828	20.9816
5.74359	4.35797	4.86911	5.71666	4.92419	7.33379
0	0.267033	0.22626	0.135332	0.216844	0.0755742
0.381877	0.464809	0.401561	0.47113	0.325641	0.309524
2.74E-09	3.97E-26	0.0414578	2.76E-09	9.27E-10	7.10E-10
0	0	0	0	0	0
5.26795	7.34499	4.61001	4.58319	4.37038	4.3947
19.2502	20.4231	18.742	18.943	16.7349	20.1753
0.513079	0.549121	0.451634	0.606773	0.613224	0.829764
1.85059	2.18749	13.615	1.86358	1.89575	1.64926
20.1043	16.3158	19.774	25.5311	15.5436	17.8038
48.2038	50.3011	55.5477	49.8984	51.2943	51.1657
1.98829	2.23027	1.98355	1.68343	1.33584	2.09505
1.02233	0.878489	1.08684	1.12358	0.837812	0.733931
10.0399	10.4302	7.52393	7.17898	9.30921	8.57647
1.2047	1.28005	0.768231	0.847831	0.792713	1.12412
36.5367	35.8845	38.1189	39.3204	39.6932	38.8132
0	0	0.064377	0	0.0925466	0.0322543
23.0533	17.6392	19.634	19.6858	23.0134	23.2182
3.25748	3.30809	3.55576	1.87602	2.00961	2.33482
0.199783	0.143047	0.242411	0.181241	0.206504	0.303633
1.00825	0.727145	2.14633	4.18E-06	4.54E-06	1.67473
5.35784	4.96259	4.7466	5.30782	3.79088	4.58397

0.0679468	0.126486	0.131906	0.0986204	0.0842774	0.152315
13.4794	10.8447	12.5947	13.1865	14.1735	12.5059
16.8494	15.5425	16.459	17.0648	17.5768	16.0299
2.6788	2.56351	2.34315	3.18812	2.32301	3.07994
0.265261	0.189922	0.138835	0.147209	0.181442	0.265591
4.38435	2.54119	2.87091	3.1818	3.07512	4.90744
0	0	0	0	0	0
422.418	508.484	359.571	384.523	394.041	469.999
4.57686	4.44728	5.68541	5.45676	4.56178	5.82952
4.8743	4.02835	4.65616	4.79734	4.48397	5.49347
85.5625	66.35	83.1207	95.6712	84.7809	76.839
4.21219	2.83121	2.98995	3.49356	1.93256	2.22963
0.9547	1.0784	0.38703	0.819778	0.409726	0.55585
0.0940387	0.0538639	0.0836726	0.0887192	0.0656102	0.099088
0	0	0	0	0	0
4.93356	3.62503	3.97794	4.24317	4.72214	5.04793
0.59748	0.404019	0.469865	0.433602	0.476042	0.470826
15.8807	13.2397	15.5943	15.5054	15.7299	16.1739
6.82521	5.85663	6.3815	7.05798	5.52918	4.75928
7.52319	7.79697	10.0526	9.56204	8.18426	9.46674
33.8399	32.2117	39.1327	35.8452	32.5539	40.1
0.592794	1.41476	0.958999	0.286801	0.919087	0.96096
25.2247	29.2986	28.6891	26.2732	23.8482	26.5078
70.4568	66.7157	65.2017	71.0529	65.5316	65.731
0	0.0515113	0	0	0	0.029157
2.19399	1.58244	5.12731	3.48849	3.75806	3.98845
1.8051	1.91469	2.23522	1.92456	1.81396	2.05917
0	0	0	0.035932	0.115148	0.0401314
17.2995	17.6633	20.9902	16.3056	22.8483	19.1448
9.73381	6.96922	9.36818	8.57503	7.10193	8.88105
3.47622	2.85559	1.66224	2.33691	2.30773	1.98222
0.115268	0.115268	0.0513272	0.0513272	0.0499349	0.0499349
2.25261	1.21547	0.686586	1.80061	1.06294	1.08491
8.01324	6.38301	7.12433	6.51637	7.1319	7.77382
0.0818417	0.0583726	0.0662757	1.35E-15	1.44E-15	0.0665302
251.553	258.777	255.521	251.832	261.561	227.634
1.53363	1.86191	1.21355	0.87103	0.465219	0.756645
2.62304	1.94427	3.29485	3.85184	3.82749	3.07649
0	0	0	0	0	0.0408718
45.4994	49.8037	60.882	47.3842	47.0292	46.2133
0	0	0	0	0	0
507.21	479.595	492.839	497.203	563.603	487.18
3.66566	2.99316	3.06503	3.93058	3.30465	3.68889

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.69598	2.12432	2.22687	2.54658	2.30007	2.97138
0.337175	0.42247	0.545469	0.244694	0.196038	0.341615
0.0475656	0.0681122	0.230849	0	0.0368736	0.308428
8.28814	7.55537	8.91836	8.26354	9.38147	11.0646
7.05215	6.87172	3.74029	4.24087	3.07875	3.72765
61.729	56.5616	47.3523	54.4662	52.333	35.9695
68.1665	63.7656	72.3449	70.4498	77.7868	66.5534
0	0	0	0	0	0
14.9625	14.5301	14.2174	15.9009	15.0389	15.6404
0.652199	0.698691	0.789347	0.638972	0.850963	0.462407
23.6373	22.6574	21.5543	22.5046	19.2445	21.7096
5.80936	6.20061	6.29432	6.32741	7.02387	5.63457
1.99457	2.30067	1.7237	1.23374	1.39265	2.33236
7.28699	14.803	7.95045	9.59273	5.1235	10.8512
0	0	0	0	0	0
1.07887	1.71655	0.654505	1.39192	1.02221	1.19023
28.8552	19.7185	23.0046	27.2682	26.7677	25.1268
0.558514	0.640072	0.635849	0.974608	0.432969	1.08815
21.7339	17.6095	21.2614	21.5104	20.8887	22.3039
131.845	171.56	157.487	95.5063	82.9189	171.232
0	0	0	0	0	0
11.3431	10.1576	13.1826	10.9728	12.6549	14.3507
0	0	0	0	0	0.0508425
22.3881	26.7932	19.7008	19.4012	16.9706	17.3024
0.646369	0.857311	0.527972	0.615728	0.59995	0.747034
15.9157	18.8773	16.1796	14.4264	14.4201	23.4749
0	0	0	0	0	0
22.7599	22.8901	22.965	24.7947	19.4041	18.1714
40.2178	32.6711	26.1174	40.6951	26.8072	33.4993
29.3505	22.9426	23.6695	26.623	24.817	24.6731
3.07315	2.0311	2.83697	3.69539	3.58148	3.03822
22.5348	23.9173	23.3399	21.0976	18.5331	18.4701
23.441	17.3197	22.0777	18.0213	24.81	19.636
3.30601	2.63763	2.86706	3.52466	2.47045	2.7818
0	0	0	0.00555932	0	0
6.26299	5.16354	4.67901	4.47856	3.58626	5.28519
4.88688	6.31542	5.41071	4.6029	4.59443	5.61841
3.52796	1.50153	2.09943	5.9414	0.90993	1.61892
7.06449	5.79824	6.73637	6.42728	6.94577	6.07979
88.3358	75.0441	89.9643	71.4144	127.379	193.837

0.0558435	0.0533105	0	0.0270177	0.0288605	0.0603507
0.036761	0	0	0	0	0
41.097	42.8442	39.6983	39.6791	36.4504	34.6277
0.0519426	0.130165	0.0420153	0.0376957	0.0604	0.0210506
0	0	0	0	0	0
0.994927	0.755962	1.14968	1.14936	0.944428	2.81425
23.7714	20.6479	21.3556	22.3587	17.9158	21.7495
5.22732	3.98307	5.07393	4.80149	5.03432	5.22657
4.13197	2.95841	3.08032	3.36423	3.54255	3.54839
13.9631	13.0553	11.3609	10.1333	11.9705	8.72119
26.457	19.6437	24.5698	24.3925	24.223	23.4497
0.147502	0.0660054	0.0745697	0.120426	0.142932	0.104611
2.5771	2.9973	0.10768	3.50282	1.11082	2.29111
0.81187	0.607706	0.358203	0.562407	0.715198	0.732826
25.2331	21.0577	22.7775	21.6268	21.8359	20.8151
1.46409	1.04826	0.592138	0.929705	0.496557	0.890023
2.91137	2.77949	5.1789	2.59757	3.16919	3.6625
0.0875242	0.0208886	0.0235989	0.0423453	0.0226167	0.0472942
9.9736	7.62052	9.58427	11.2889	9.05948	9.32669
9.71341	5.35564	8.91842	14.4721	14.3353	13.8554
3.9122	2.17527	1.42842	1.69497	1.38373	2.90903
23.8782	26.8235	23.9186	25.9925	22.4966	24.368
0	0	0	0	0	0
0.497444	0.161891	0.301779	0.377413	0.271691	0.412358
7.56424	7.86315	5.70107	6.83616	11.4525	4.18198
0	0	0	0	0	0
139.738	220.206	192.688	115.467	102.318	201.596
71.67	77.6649	71.656	72.8171	73.0785	56.7302
0	0	0	0	0	0
16.0435	17.689	16.0188	17.8487	16.475	16.9095
5.10056	4.71124	4.85001	4.15361	4.1792	4.30581
7.73278	6.2496	7.66298	6.76957	5.81672	6.96937
23.6907	18.6791	24.6689	19.3902	23.8675	21.4208
45.4946	36.2118	42.1396	47.5676	46.1025	46.7554
0	0	0	0	0	0
11.1739	12.4699	12.5815	13.0202	8.62149	11.9907
9.41872	9.9193	8.96928	9.25895	9.42526	8.37435
0.958071	0.69821	0.81648	0.7822	0.954914	1.16482
39.3472	38.642	44.2241	43.6611	43.8134	36.3059
0.764467	0.736083	0.639685	0.612179	0.551756	0.705092
74.3775	74.3775	108.758	108.758	102.602	102.602
1.58642	2.02692	2.17924	1.04396	0.979951	1.05673
9.67634	10.6294	10.025	10.822	7.03885	11.7108

20.5014	21.0317	27.2975	20.9923	22.0267	27.2624
0	0	0	0	0	0
143.856	107.729	119.464	124.983	102.424	133.869
0	0	0	0	0	0
14.5851	13.0485	12.4609	16.6795	13.5097	14.1046
1.65263	3.62529	1.77764	1.32694	2.8894	3.80479
0.172238	0.127777	0.209565	0.327856	0.247524	0.287454
0	0	0	0.0334206	0	0
3.17608	2.50756	2.95327	2.82407	2.40891	3.11702
0.0970458	0.0667036	0.090396	0.116594	0.22118	0.100683
247.201	233.711	263.095	287.359	290.713	272.381
7.83094	5.66677	6.92707	6.59478	9.18716	6.29633
9.52991	6.01503	8.57314	8.24269	9.14561	8.10486
3.75595	3.27716	5.24582	3.40793	2.71157	5.19735
35.7547	23.3442	21.0079	28.012	28.454	33.2739
0	0	0	0	0	0
9.81747	10.4104	9.31549	10.5539	9.34482	9.48855
23.5771	27.3678	31.5335	25.7469	26.2176	24.92
3.38056	4.16873	4.41615	2.92821	2.72319	2.65684
91.3398	83.9533	98.9783	99.7846	88.7978	83.0216
7.92107	6.11359	6.65427	5.65414	5.75424	6.3612
1.52975	0.883284	1.19747	1.00273	0.879851	0.559961
23.2933	23.0584	22.8622	19.8113	21.9856	20.4708
0	0	0	0	0	0
91.4321	182.764	194.721	124.866	57.4435	239.397
0.0349835	0	0	0.0507763	0.0542395	0
34.5774	29.6288	44.6179	39.8734	39.4465	39.5158
5.1885	4.24594	4.74017	4.08487	4.28202	4.95383
0	0	0	0	0	0
0.290029	0.305924	0.279694	0.368506	0.155878	0.258707
25.353	26.1939	25.1127	25.4267	20.294	25.4568
45.0799	36.4429	39.8274	37.7292	39.9611	41.7004
13.5854	12.5771	21.2238	14.7872	14.1324	17.201
0.0417055	0.0597207	0.0337347	0	0	0.0338037
2.32841	2.20372	2.35426	2.52183	1.96914	1.9016
0	0	0	0.0179738	0	0.0200744
16.2858	17.1417	14.7353	16.3995	14.5353	14.5751
6.08575	5.79473	4.77039	8.17287	2.28593	5.84805
25.1857	19.9428	20.5097	23.1493	22.9628	22.5765
13.1307	12.041	11.3016	13.1172	12.3906	12.3865
7.78895	5.95929	7.84118	8.00843	7.53541	7.99047
0	0	2.47856	0	0	0
24.2078	26.8921	24.1638	24.9114	21.9226	22.3311

0	0	0	0	0	0
0	0	0	0	0	0
18.2571	16.0361	14.2985	15.5483	15.6253	15.6847
0.114372	0.122832	0	0.0830017	0	0
2.09756	2.34429	4.51066	3.19298	2.53824	2.15628
22.1181	18.8496	20.9298	23.739	23.7157	20.0109
0	0	0	0	0	0
9.83473	5.84443	7.67668	7.20861	8.2149	8.6888
20.3673	15.8832	22.6645	20.6148	16.7178	17.6048
3.04734	2.06701	2.95143	2.5607	1.95826	3.18497
6.7092	7.29594	7.25569	7.17823	6.41919	5.26738
58.5299	60.3653	58.9708	58.0725	48.0394	49.0127
2.36802	0.974763	1.58387	1.66815	1.02286	1.51785
0.0159786	0.0343211	0.051699	0.0231919	0.0123868	0.0129512
19.4196	14.5445	16.9685	16.1244	17.4032	19.038
0.0725281	0.0346192	0.039111	0.017545	0.0374833	0
4.59443	4.61798	5.28864	5.12963	3.39044	4.90557
24.5967	23.0641	23.0093	24.1801	23.0993	28.0792
30.1135	48.2163	38.37	37.5444	34.7472	44.4239
2.81201	2.25426	4.39363	3.26168	3.05561	3.77926
0	0	0	0	0	0
0	0	0	0	0	0
97.3834	148.292	95.6345	129.151	87.2084	108.916
0.595001	0.576366	0.509595	1.04141	0.949641	0.255319
16.2933	13.9989	18.0645	16.5541	15.3928	15.2841
0	0	0	0.025742	0	0
17.234	16.3697	18.5359	17.4962	16.5165	15.2737
41.1886	37.9472	40.2465	41.9031	38.9645	37.5553
30.5769	28.4794	27.8607	31.6404	24.0942	25.605
0	0	0	0	0	0
0	0	0	0	0	0
37.4477	45.5941	44.2786	38.1553	48.6425	47.4519
3.38209	2.85543	2.99926	2.47336	1.8843	3.00011
91.3385	98.2818	83.8301	90.4223	91.6256	89.2237
26.2817	24.9959	26.8246	27.7472	26.7042	26.243
0.281582	0.0336013	0.113883	0.136233	0.0727624	0.190193
0	0	0	0	0	0
1.66864	1.33256	1.93374	1.96781	1.71645	1.9507
8.15822	6.74342	8.99988	8.85679	6.06729	8.49412
35.2315	29.3854	25.7941	36.7836	41.7074	39.0823
18.7547	17.1719	21.261	20.9472	21.0247	24.13
0.932496	0.40059	0.512909	0.730868	0.462647	0.513957
12.5821	20.4881	16.9498	16.072	14.4688	17.2103

9.211	9.48343	6.91981	5.06194	4.67242	5.18077
73.2907	68.6779	72.2248	68.3444	75.6732	69.6377
53.8068	38.7831	52.6192	51.8028	43.1811	53.273
0.665753	0.476666	0.538514	0.579779	1.08381	0.863384
0	0	0	0	0	0.0749117
0.0169088	0.0238033	0.122066	0.0365538	0.0261985	0.0815784
7.93312	6.82512	6.10645	5.80364	4.95958	7.19061
0	0	0	0	0	0
1.86891	1.50874	1.17083	1.75682	1.2009	1.59005
14.0901	9.36076	9.10945	8.96705	8.25201	9.83652
0	0	0	0	0	0
0.205904	0.390241	0.234214	0.0207525	0.29022	0.303442
0.756002	0.143778	0.0615133	0.0647928	0.0498285	0.0723652
0.282547	0.177011	0.285683	0.256312	0.219035	0.429401
4.69618	3.40108	3.94349	3.56487	3.38205	3.50122
1.14375	2.94025	1.63068	2.66288	1.40762	1.20473
8.60452	6.1079	9.75574	16.9718	10.1479	17.4055
41.2597	32.0758	37.3597	27.0663	55.7678	24.6658
3.72086	2.59487	1.75893	1.97554	2.44743	2.62421
0	0	0	0	0	0
0	0	0.0746653	0	0	0
15.1979	17.0262	15.4028	16.2846	17.326	16.5937
7.26374	6.7713	8.18297	8.31166	5.2896	6.81404
9.04175	7.25403	8.17892	8.62695	6.19572	9.06265
0.448371	0.233473	0.659416	0.473296	0.600373	0.693802
0	0.0444481	0	0	0	0.0251589
17.6155	18.8816	16.1197	20.0526	15.2247	20.7669
0	0	0	0	0	0
0	0	0	0	0	0
0.594313	0.565179	0.559525	0.360905	0.536239	0.679438
11.7555	10.0131	10.4737	11.0182	11.652	10.8264
2.52054	2.03668	2.38832	2.19504	1.95396	2.42239
0.135043	0	0	0	0.104687	0.109457
95.7582	85.494	96.454	94.8619	109.746	67.7829
1.37092	1.00871	0.886293	0.916802	0.67695	0.919172
40.8601	43.4103	43.6246	40.7048	37.9948	38.1168
0	0	0	0	0	0
1.67007	0.940003	1.52268	1.40116	1.38447	1.62751
0.0329527	0.0235935	0.0799644	0.0239144	0.0510909	0.0801279
18.1676	19.8556	21.0876	19.4133	17.4178	21.0727
0	0	0	0	0	0
49.6004	54.0538	51.5608	52.1868	54.8197	41.7636
9.69126	6.08409	6.5462	9.73478	5.53658	6.70716



2.16581	1.70575	1.31391	1.49318	0.503691	1.40437
26.2481	26.9256	24.1461	29.3766	21.9962	22.963
511.18	641.145	368.992	481.539	416.063	352.105
38.133	43.2965	37.9313	38.1732	34.5326	40.2227
0	0	0	0	0	0
112.076	106.272	118.142	115.984	108.229	107.293
15.9101	12.6496	15.9014	13.7054	17.3683	12.1461
6.22168	5.81186	5.4061	6.68459	5.36951	6.36269
6.9929	5.27759	5.90613	5.86595	4.02512	4.9329
8.22105	8.87502	6.54626	7.30437	7.30622	7.14088
0.978624	0.407666	0.546916	0.555251	0.331045	0.533612
16.0902	15.7593	15.6631	16.0747	21.5989	18.0098
39.2656	31.0618	33.8548	40.5798	26.9878	36.6444
0.0397083	0.0284304	0	0.259353	0.12313	0.354034
0	0	0	0	0	0
25.8082	21.7801	27.1025	22.6427	22.7157	24.3832
20.5768	19.1535	19.781	21.1798	22.8838	22.1513
0	0	0	0	0	0.0378941
10.4295	12.4274	12.8219	11.4285	11.7207	11.3814
41.9655	41.9086	33.122	39.8422	36.1072	30.8803
0.0850691	0.0406052	0.0229369	0.0617362	0.0659469	0.0229838
10.8256	8.32351	9.19241	9.66464	11.7008	10.1187
2.62768	1.8483	1.56586	1.66328	1.88081	1.18245
9.29733	9.54039	10.0959	10.8273	9.26194	8.34765
33.649	50.9495	27.5981	36.4681	22.2867	18.5738
81.8831	91.7439	58.2912	74.5409	53.2554	61.9065
1.91633	1.30798	2.02302	1.44152	1.65037	2.37108
0	0	0	0	0	0
3.53241	2.07332	2.92333	2.84126	3.09552	3.34392
4.14703	3.34739	4.88097	4.85323	5.08721	6.53904
7.97409	6.64338	7.72072	7.08152	6.69764	7.77966
24.0369	24.3279	27.5498	26.7798	30.1893	35.3912
0	0.0592696	0	0	0	0
7.90949	7.94653	8.46164	8.70267	3.95585	7.03132
0.42324	0.570714	0.496425	0.785689	0.148354	0.62759
15.7921	18.207	18.7351	20.7761	18.8971	19.0688
2.38655	1.63869	1.62979	1.54741	1.47097	2.02951
34.4538	36.2346	31.2591	32.3435	32.8716	32.4713
0.864609	1.32652	1.79837	0.986012	1.24476	1.80204
7.57696	6.27153	7.57323	7.81906	7.60411	7.93099
0	0	0	0.00777029	0	0
6.15519	4.18418	5.4574	5.54411	4.09582	6.26157
11.7189	11.3934	11.6823	12.5447	11.6572	15.0261

1.24846	0.830519	1.28088	1.05168	0.665369	0.687305
0.654052	0.572353	0.235133	0.421918	0.112674	0.353421
1.64708	1.4829	1.1848	1.51677	1.21934	1.25704
0.402278	0.489639	0.618249	0.321134	0.374222	0.32606
11.7842	10.0108	12.3773	9.97735	10.2943	12.2363
2.8024	1.67367	2.26427	1.79652	1.63815	1.59063
36.7583	37.8198	32.0192	33.6781	31.5692	31.6515
0	0	0	0	0	0
0.115685	0.0596363	0	0.0134327	0	0.109369
0.0737619	0.0528121	0	0	0.0571814	0
9.35089	9.23151	10.2739	8.63958	7.44056	7.87971
0.322036	0.230572	0.607807	0.93483	0.332863	0.696057
0	0.440424	0	0.113119	0.360504	0
8.23229	5.98546	6.93449	6.88362	5.83774	7.52265
13.5061	15.6445	15.5732	14.3778	11.5616	13.7569
1.49639	0.988058	2.15185	1.26695	1.36628	1.53634
3.10352	2.27374	3.15257	3.1951	2.01424	3.51026
38.0331	40.3692	38.762	37.5877	35.5483	40.5626
0.642536	0.283912	0.325977	0.257845	0.349754	0.0899927
35.1162	28.121	31.3567	34.0551	38.0291	34.6464
11.5298	12.6035	12.2284	9.9106	10.8785	9.83622
0.191844	0.62279	0.211127	0.409925	0.224867	0.230388
9.48146	8.63996	13.124	10.0453	12.5778	9.65767
8.43876	9.58922	6.86998	8.65284	6.41524	7.3695
2.47139	2.61785	1.99152	2.24663	2.97741	0.860097
0.376896	0.594908	0.451938	0.281545	0.196116	0.393015
1.45252	1.1229	1.2043	1.1492	1.95458	0.647893
0	0	0	0	0	0
0.329101	0.409764	0.369506	0.266094	0.191257	0.369644
13.0822	9.71585	11.371	11.6633	12.2939	11.4551
4.13376	2.40179	3.06146	3.7054	4.35307	4.43276
200.422	150.981	144.412	252.061	144.1	250.75
4.82041	3.26444	3.72855	3.86268	2.63921	3.78501
0.273515	0.22031	0.193585	0.248118	0.291545	0.277116
10.3778	12.2708	10.9255	13.5953	11.98	12.0222
249.849	307.958	366.2	346.968	410.911	403.795
26.2011	26.1429	25.1829	26.7832	21.4411	24.6893
5.26631	4.68973	4.98478	4.90588	5.05761	4.87984
3.37557	2.16945	1.99945	1.89033	1.85442	2.24051
3.28736	2.11433	2.88442	2.83063	1.9437	2.48387
0	0	0	0	0	0
211.038	223.059	207.685	202.622	208.536	193.028
13.6878	9.43567	12.202	13.3449	11.431	11.8814

0	0	0	0	0	0
1.95519	1.12713	2.81465	1.38435	2.87917	3.47539
10.3049	6.90334	8.52603	8.93492	9.01672	10.552
6.8909	7.08123	7.37046	5.56568	6.5928	7.63171
2.45339	2.86169	2.70889	3.08691	2.90028	3.22151
7.42013	7.22877	5.53384	8.31154	6.45658	6.6122
16.6109	16.4625	14.9357	17.4051	16.2467	13.6838
44.7718	42.5983	31.9659	42.2686	33.3847	32.2053
11.3234	9.45255	9.80356	10.5802	7.53798	10.7737
0	0	1.08E-187	2.15E-187	2.17E-99	2.77E-171
16.6292	14.9618	17.1413	16.447	6.73081	13.1207
0.215827	0.132453	0.149639	0.0447514	0.0717055	0.0999631
43.6834	50.0559	36.0961	38.016	35.0549	31.8633
5.7316	4.38847	4.20094	4.65188	3.53645	4.62669
1828.1	1759.63	1798.1	1745.23	1899.99	1785.01
3.10029	3.07805	4.26319	4.82986	3.55702	4.30542
9.32169	7.8742	10.8971	7.45841	6.83091	8.23972
0	0.0350734	0	0.00888759	0.0379751	0.0397052
0	0	0	0.0358113	0.0255026	0.0266644
4.08487	2.66717	4.28087	4.17635	4.06288	2.72787
20.1034	22.5946	21.4043	23.1394	22.9055	20.9933
11.4794	11.2205	12.6234	12.7398	11.9965	13.6845
2.33205	2.7389	1.72088	1.98933	1.37967	2.33789
18.1789	15.1471	16.8235	18.4497	16.108	17.5979
0.0299592	0.0214502	0	0.010871	0.0116124	0.0485659
0.970749	1.14351	0.921938	0.953334	0.719862	1.62052
0.0748848	0	0.121146	0.10869	0.116104	0.121393
251.679	339.272	345.308	294.521	304.634	295.264
5.86932	5.81726	4.84566	5.53555	6.75917	5.61241
5.26423	4.54266	5.39239	4.86302	5.51547	6.10213
115.619	137.651	143.016	145.829	150.723	127.852
295.487	403.594	590.295	482.886	299.782	395.75
103.113	117.65	106.515	104.217	98.3913	96.2239
0	0	0	0	0	0
0	0	0	0	0	0
0.47582	0.61322	0.925463	0.621559	0.813342	0.617068
2.66432	2.04787	3.07421	2.67284	3.70561	3.3028
1493.52	2140.02	1947.88	1916.65	1569.07	1527.37
0	0	0	0	0	0
0.581779	0.362211	0.552431	0.312066	0.254915	0.287031
0.227952	0.139894	0.272189	0.220572	0.151468	0.14957
5.82595	4.41425	5.45916	6.14905	6.13509	5.25765
53.8011	48.6056	51.7852	58.2643	54.9035	55.3967

12.5821	11.6619	20.6742	12.1757	17.7323	7.38878
14.0118	11.1095	11.1691	9.13356	11.1659	10.5313
0	0	0	0	0	0
14.4292	11.1405	13.4555	13.0462	12.3556	12.663
10.021	9.09245	8.02374	6.60726	7.65164	7.77105
3.9541	3.02765	2.58072	2.20956	2.23557	2.26757
0	0.100517	0.0212919	0.0764124	0.0816241	0
0	0	0	0	0	0
6.99531	4.38245	3.63404	3.61053	3.08543	3.15268
0	0	0	0	0	0
22.4657	22.3549	25.4837	20.3974	20.985	16.4476
0	0.0164834	0.0186221	0.0835377	0.0535412	0.0373204
0	0	0	0	0	0
4.71228	5.16746	4.98754	4.71982	5.54249	5.17623
0.176022	0.113425	0.128142	0.102194	0.0545819	0.0998701
0.51248	0.593386	0.0684792	0.804867	0.122434	0.635433
16.4184	14.1098	15.6055	17.5721	19.5449	16.7629
0	0.0943105	0.0355158	0.0796609	0.0850941	0
3.69498	4.38479	3.23207	3.3807	2.53057	2.53595
20.2238	20.2822	17.7248	19.712	14.7433	18.5071
9.89111	6.94738	9.19913	10.01	11.0001	9.43782
11.8977	9.02351	12.4015	11.5209	12.235	11.8927
6.91098	5.42825	6.86316	7.72674	5.9516	7.63147
3.64631	2.45073	2.40268	2.41387	2.60666	2.11078
0	0	0	0	0	0
19.1299	17.7182	20.3525	18.0394	20.293	17.5
20.1077	9.92011	12.8621	12.6112	26.4274	11.6122
6.99136	7.4513	7.92031	9.4797	7.30408	8.53469
715.317	688.108	805.074	855.848	869.261	713.356
17.923	13.422	14.3179	21.1422	12.765	14.2705
11.251	13.3289	11.4462	9.21725	11.1947	10.4355
9.85979	9.58817	8.21346	7.79621	10.2673	5.84467
0	0	0	0	0	0
13.4908	10.4294	10.1409	10.481	8.02773	10.5876
0	0	0	0	0	0
38.3932	37.4847	34.8455	34.8369	38.918	38.2496
80.1534	69.5088	77.7853	73.7295	68.8492	77.7629
0.14649	0.167815	0.33968	0.0992232	0.211981	0.189976
0	0	0	0	0	0
5.57712	5.57447	6.96772	6.09107	5.26508	5.37069
15.2394	24.374	20.4049	17.7423	13.9098	17.7312
401.316	525.031	456.065	414.961	621.91	534.829
0.937054	0.446585	0.799661	0.843489	0.786738	0.975332

18.4589	23.2093	23.7009	22.0414	20.748	18.2909
10.52	7.73992	9.56577	10.4427	9.52387	10.1538
13.5634	11.9308	13.9704	14.8516	12.1739	8.9273
7.12386	6.60165	5.50705	8.03299	8.17893	7.67447
151.543	191.939	210.581	158.322	167.005	165.664
11.8341	7.13707	9.65506	10.1092	9.46128	16.5735
10.069	12.1221	8.5204	12.1518	9.33033	7.42158
68.9321	70.1547	55.2426	57.9862	68.8539	49.3037
1.12947	0.946515	1.26526	0.967813	0.718591	0.893609
0.605871	0.573225	0.612596	0.581021	0.469681	0.701541
63.2318	362.182	358.028	275.331	294.109	102.503
76.4349	87.5302	73.4144	78.6412	59.9068	60.7893
19.6761	17.1952	18.2615	19.7712	18.297	18.3243
0.118741	0.0283389	0.192095	0.114897	0.122734	0
2.41428	3.6143	2.75176	3.10597	2.89245	3.11318
1.04124	0.894614	1.89504	0.868998	0.928268	0.759568
3.15577	2.72461	3.1413	2.59827	4.21672	3.437
0.0428684	0	0	0	0	0.0347463
1.62873	1.28275	1.34379	0.969237	1.13635	2.21783
15.1724	14.134	15.9067	15.4899	16.1594	14.5905
0	0	0	0	0	0
0	0	0	0	0	0
3.49255	4.00781	3.36685	3.64567	2.93001	3.41251
5.01906	6.04226	6.50289	5.44752	5.88793	5.43616
19.1602	16.3075	18.8009	20.3812	20.98	20.6121
6.68654	4.42975	5.63396	5.76588	5.9655	5.77786
0	0	0	0	0	0
54.606	41.8633	49.1591	53.4631	59.1846	48.7691
2.6767	2.10541	3.56789	3.47467	3.36095	3.6363
0	0	0	0	0	0
0.0926548	0	0	0.0336206	0	0
1.35334	0.851513	0.762964	1.13095	1.5578	1.16341
6.19462	6.25042	5.86194	5.65849	4.46843	4.90463
0	0	0	0	0	0
23.3766	20.6849	20.9361	25.2323	22.3963	21.4222
197.082	28.2213	63.7661	114.421	91.6684	191.69
10.6079	9.16543	9.03178	8.7116	8.28447	8.86745
0	0	0	0	0	0
15.2894	14.4736	14.3607	14.3401	12.3854	9.46635
0.475121	0.640334	0.429529	0.385369	0.454985	0.271836
11.2995	12.8577	13.3835	12.4468	12.279	11.1212
9.69947	6.43767	9.5302	7.43786	8.61812	8.9872
1.73936	1.07483	1.43996	1.66793	0.55496	0.795858

8.1779	7.9369	7.32595	8.30422	7.00888	7.48087
19.5191	15.7652	19.9885	19.8641	18.7591	21.77
39.2156	36.6206	37.2543	35.7801	36.2886	35.6135
0	0	0	0	0	0
12.6295	13.0783	15.1037	12.538	15.3612	15.0806
2.7936	1.46679	2.28479	1.59937	2.50252	2.44042
0	0.0228093	0	0.0231195	0	0.0516429
9.40373	9.47726	10.4184	10.8496	10.8742	9.82948
0.076336	0.0273275	0.0308733	0.0276992	0.0591768	0
3.00986	3.60103	4.45259	3.36254	3.68399	3.78763
2.0544	2.12661	1.3214	2.49683	1.18965	1.28398
8.80461	9.39274	10.3282	9.34498	25.4671	7.5044
16.3268	12.2463	17.9726	16.1842	22.9979	14.5601
1.82763	1.39618	1.4229	1.64574	1.70923	1.12192
0.925139	1.12875	1.08392	1.40917	0.603656	1.40914
28.5785	19.1801	23.4835	20.895	17.5719	23.0514
0.36796	0.331854	0.342876	0.348926	0.507109	0
2.08575	2.52398	2.2191	2.36433	2.29087	2.16223
3.64E-06	1.29E-37	2.34E-59	0.0498336	1.13E-06	9.16E-34
22.2449	18.5382	22.72	21.5101	17.4633	20.0717
0	0	0	0	0	0
0.0722268	0	0.0292114	0.0786244	0.0279957	0
14.7575	15.0094	11.827	14.5159	11.1411	13.5256
56.9602	56.3904	52.1191	48.024	53.6719	45.8805
18.8903	14.5589	14.6213	14.0793	15.3342	15.5136
0	0	0.179544	0	0	0
0.0841079	0.321171	0.0680332	0.0610386	0.26624	0.170431
5.3101	4.32169	4.54534	4.44876	5.12736	5.08855
43.2489	42.0288	38.7229	39.7334	47.7569	34.2182
0.101124	0.541377	0.450223	0.308341	0.434401	0.0442546
6.76262	4.93007	5.63103	5.65011	5.60961	5.6579
30.9755	63.8798	23.9847	64.2545	24.8336	281.329
856.032	1730.5	992.144	1088.99	782.057	1803.59
0	0	0	0	0	0
36.3128	25.1891	34.1264	47.8685	37.6468	24.6397
6.26041	7.58193	7.49823	6.20176	6.86179	6.20913
16.8764	19.1805	17.2485	17.4325	12.5743	17.8182
0	0	0	0	0	0
5.83136	5.7291	5.46223	6.3252	5.44039	5.63892
11.2723	9.35664	10.5042	10.1412	11.4905	9.9645
22.5122	21.8822	22.405	20.113	18.0438	21.0452
1.68835	0.556059	1.28373	0.808674	0.916183	1.83374
0	0	0	0	0	0

3.53995	3.26205	3.98728	4.15824	2.80498	3.65023
0.0245215	0.0175569	0.0198349	0	0.0570283	0
4.13222	4.70514	5.789	5.52085	4.12309	4.78064
6.79506	7.94307	4.82336	6.6757	5.55431	5.80736
18.8497	14.0948	16.5342	15.9002	19.7839	19.1695
6.71541	15.2093	6.96578	10.6423	2.12485	5.55471
0.768402	0.366774	0.414363	0.278822	0.546037	0.674717
19.5947	23.538	23.622	20.6704	20.6437	21.6677
28.0264	20.7598	30.5989	29.2151	31.5012	30.9444
11.5545	10.8588	10.2131	14.3983	8.447	11.0223
0.422619	0.34744	0.340727	0.381828	0.240757	0.408471
0.801663	0.340133	1.12878	0.560234	0.828615	0.553512
0.543906	0.637243	1.07989	0.825328	0.30665	0.400776
0	0	0	0	0	0
1.12674	0.69148	0.3906	0.467256	1.24781	0.260933
7.45645	6.7441	7.31122	6.63923	5.89914	6.59994
8.18011	4.37987	7.30717	5.52348	7.7199	6.97618
8.00234	5.30058	6.84216	5.97308	7.36463	7.54985
0	0	0.0803975	0	0	0
0.274798	0.615755	0	0.177267	0.295872	0.197985
4.0192	4.0192	3.58522	3.58522	3.92919	3.92919
60.3119	64.825	53.8157	64.1322	56.883	54.6291
2.97957	2.16815	1.82228	3.66585	1.52109	3.71116
67.7009	67.5586	71.9683	79.9507	80.5133	70.2447
0.140881	0.302604	0.341867	0.306719	0.327639	0.304503
0	0	0	0	0	0
61.9744	49.9201	69.3282	61.1809	59.6816	62.6407
0.399594	0.520185	0.352607	0.764526	0.394254	0.412216
0.358607	0.346738	0.419569	0.30662	0.551693	0.39441
13.8464	10.1967	14.3014	11.5618	9.47674	11.1898
103.669	151.388	112.051	105.527	82.1231	95.4251
98.1641	75.9444	99.6131	93.0054	86.7886	82.0652
49.4402	50.6264	49.5994	49.1598	46.5397	50.4815
32.0274	41.9615	28.2846	24.3419	30.07	25.5321
6.30016	8.29403	6.49338	6.342	5.15969	4.11814
5.70092	5.44639	6.31825	5.47106	5.13183	6.49669
349.316	436.99	283.797	655.821	696.276	292.197
26.7254	25.2555	26.4454	25.5048	30.2319	24.4865
4.30215	4.99021	6.92812	4.22297	5.65649	6.56072
3.61023	2.84334	3.71288	3.10658	3.28848	3.77272
24.0298	16.9944	5.91452	17.9455	11.5074	14.9331
21.3777	25.7885	25.1408	24.0866	17.0514	21.3448
28.5306	29.2205	29.6992	29.0907	25.4445	26.0976

0	0	0	0	0	0
20.3062	26.683	19.7761	23.6739	17.7407	18.8613
15.1701	9.31291	13.1156	12.2816	16.3648	13.9361
0	0	0.019568	0	0	0
2.52945	2.63857	4.33343	2.95686	2.78021	3.96318
0	0	0	0	0	0
0.390505	0.280435	0.152368	0.338134	0.303636	0.46659
2.47E-12	0.151219	0.0896772	0.246216	7.85E-38	0.168846
0	0	0	0	0	0
0.0471403	0.067503	0.0381308	0.0342105	0.109632	0.0382088
0	0	0	0	0	0
0	0	0	0	0	0
1.06499	0.841813	1.10517	1.118	0.315089	1.25263
0	0	0	0	0	0
1.11185	0.515849	0.727227	0.326787	0.78543	1.30352
22.2493	19.7355	15.8973	16.4946	16.4681	19.9885
0	0	0	0	0	0
0.266098	0.204965	0.102116	0.119111	0.221922	0.134549
0.234013	0.143613	0.0811235	0.0727832	0.0259158	0.243868
4.22271	3.34351	5.46507	3.85766	4.96804	5.35544
1.78518	0.975797	1.22662	1.42091	1.48807	1.40028
0.0419425	0.0900902	0.305338	0.0608769	0.195087	0.339958
28.4822	34.3055	33.2661	32.2607	34.0484	32.6869
0.9352	1.67396	0.378232	1.06046	1.48017	1.13702
0.340879	0.0813542	0.0919099	0.247382	0	0.0920978
11.3918	11.8394	12.0419	12.7047	10.8931	10.4972
0.721059	0.599298	0.929688	0.898656	0.478778	0.973934
28.2993	30.4121	32.839	33.9814	25.6902	30.5606
0.833799	1.23326	0.766416	0.583128	0.749272	0.697211
56.0716	49.9768	53.9899	50.9905	43.7253	63.9028
12.7262	10.4983	10.0702	11.4107	19.0877	13.3049
41.2069	38.5334	39.5965	35.4225	35.6323	34.6569
18.6715	16.717	19.0034	19.4439	19.6459	18.2782
0	0	0	0	0	0
0.222306	0.195898	0.138322	0.198562	0.185592	0.180187
32.0709	31.9782	31.7771	31.4677	30.9451	32.6918
21.2459	25.0133	26.8206	21.6332	20.3752	22.9126
879.84	1238.16	857.788	733.371	763.903	730.613
0.0624899	0	0	0	0	0
0.0660825	0.0236569	0.0534528	0.0239786	0.0512282	0.0803431
0	0	0	0	0	0
1.19485	0.975613	0.787416	0.928422	0.841055	1.10423
3.04957	2.41572	2.95409	2.86563	2.93893	2.885



13.8762	14.0078	10.1784	14.8238	8.78601	14.6003
5.79126	4.97335	4.01108	6.84868	4.49891	9.08025
1.4423	0.734335	0.751838	0.837361	0.844781	1.35088
0.137049	0	0	0	0	0
30.293	26.1006	30.3879	25.9958	28.0762	25.8293
1.06862	1.16694	0.941982	0.725721	0.82847	1.41066
12.1658	10.0244	11.7195	10.5333	9.72958	11.8371
20.4406	17.665	19.5696	21.0923	21.3858	19.6419
12.4281	8.7388	10.0014	9.5621	10.646	11.2859
0.581997	0.417704	0.435987	1.04415	0.591773	1.35454
26.1843	24.8729	27.275	24.9684	23.4903	22.5623
0.0302635	0	0	0	0	0
0.298843	0.47548	0.214869	0.192778	0.154445	0.322963
25.057	21.3593	19.8309	24.7328	15.5528	18.2585
2.67631	3.09802	3.15351	2.62222	3.34061	3.17452
6.24532	12.7602	7.63918	7.6276	7.55742	6.42015
5.39114	4.01786	4.38061	3.98358	4.54023	5.66075
0	0	0	0	0	0
0	0	0	0	0	0
2.52E-08	1.86E-08	2.38E-08	1.44E-08	0.0809221	2.43E-08
62.7118	66.8534	61.2128	63.7304	62.2146	63.7981
0	0	0.0357749	0.0192581	0.0411432	0.0286784
23.3843	34.7659	24.7233	22.4961	25.5219	22.0944
1.01061	0.898695	0.980122	0.679019	0.930268	0.897713
99.7636	113.368	104.455	100.272	80.47	91.7733
13.9444	11.5031	14.9243	14.4707	12.4833	11.096
0	0	0	0	0	0
0.105803	0.050502	0.0285273	0.0511888	0	0.428785
0	0	0	0	0	0
4.04368	4.9577	4.80496	4.98617	4.32758	5.16285
6.24393	6.10234	6.50868	6.06678	6.05416	5.79363
6.68783	6.74337	6.61535	7.27543	7.1581	6.84271
18.8964	15.0677	17.396	19.4056	16.9542	18.9733
0.972975	0.502439	0.4114	0.332777	0.424185	0.443511
25.2895	21.4762	26.3629	25.5021	26.7065	23.842
0	0	0	0	0	0
0	0	0	0	0	0
9.53386	7.78171	8.97648	8.44105	8.85418	9.01801
9.59842	10.2229	10.754	10.5763	9.64578	10.4708
0	0	0	0	0	0
6.14415	4.70005	5.90308	5.52984	5.73367	6.13262
5.81769	6.03258	6.37769	6.82932	5.82478	5.43975
0	0	0	0	0.0209518	0

74.5891	65.4491	75.1293	78.4311	84.4744	81.8122
6.06983	3.53011	3.80756	4.24282	2.59276	4.37399
0	0	0	0	0	0
10.9037	8.60372	6.09915	6.91002	3.38488	6.29007
5.54407	5.67064	4.39297	5.34929	4.07857	4.51423
0.393292	0.362043	0.227233	0.163096	0.217776	0.409855
1.79498	1.65745	3.24284	2.99468	2.48373	3.467
7.2207	6.59383	8.62124	7.73488	8.7237	10.4781
16.1179	14.6067	28.4453	20.6129	23.7227	31.2898
63.8079	50.1772	237.93	350.657	180.518	293.472
0.216116	0	0	0.156839	0	0
5.11224	3.76485	5.73019	4.55806	5.32187	5.62352
0	0	0	0	0	0
12.212	8.96702	9.59399	10.6748	9.79962	10.9102
0.13214	0.493836	0.668041	0.500551	0.47528	0.66258
25.6908	23.3451	23.4478	25.3243	24.673	26.2054
11.6721	10.19	12.4386	11.7709	11.3334	11.7268
0	0	0	0	0	0
46.4829	47.0981	51.1634	50.7267	58.3714	48.8989
0.494761	0.708479	1.20061	0.8378	0.383546	2.0051
1.22396	2.73516	3.00541	1.40598	3.99792	7.42432
99.1448	94.6478	26.7321	47.9675	51.2391	26.7867
0	0	0	0	0	0
2.24382	2.62059	1.42326	1.77192	2.09695	2.61763
188.022	272.892	306.269	272.275	246.559	315.609
7.19147	2.2393	3.81894	3.49859	2.39367	2.95483
5.88259	4.73999	5.76811	5.53199	5.07349	6.10186
0	0	0	0	0	0
11.125	9.29528	11.8292	10.5536	9.48736	10.8404
18.4941	14.674	15.6153	18.5862	17.9079	16.5344
0	0	0	0	0	0
0.291133	0.564752	0.358235	0.209561	0.157669	0.43083
2.00773	2.66964	2.32002	1.66519	1.60089	1.58084
0	0	0	0	0	0
1.09845	1.40736	1.35615	0.62934	0.851535	0.937189
124.365	204.323	139.467	137.458	72.4669	93.8154
0.394114	0.0564356	0.414428	0.143008	0.366628	0.191666
0.152325	0	0.123213	0	0	0.123465
0.207589	0.208082	0.0671658	0.150651	0.128741	0.235561
0.502772	0.494966	0.76253	0.478893	0.511556	0.356575
22.3572	21.022	21.36	23.509	22.9437	24.1247
13.9924	13.6485	15.7123	14.288	13.6546	13.236
122.495	121.385	127.361	126.144	129.322	107.697

2.63204	4.16571	2.34066	2.92661	2.07619	2.81952
0	0.093771	0.95344	0.0950462	0.507644	0.849235
0.125029	0.0447593	0.202267	0.045368	0.145387	0.10134
1.54449	1.17494	0.572598	0.420324	0.573712	0.417287
1.04554	0.928867	1.07849	1.01982	2.59628	2.94802
1.71213	1.69604	1.97301	1.42975	1.6909	1.95804
0.101128	0.108609	0.0818004	0.0733904	0.078396	0.0819677
0.531065	0	0	0.128411	0	0
0.978099	0.466867	1.55596	1.44331	0.859336	1.13632
7.84056	9.01933	10.9788	9.45811	8.92809	7.96498
25.5499	26.6599	21.1468	25.3835	16.7341	22.9136
0	0	0	0	0	0
42.8424	40.9072	52.589	43.5038	43.263	43.6693
211.294	281.024	157.585	175.452	148.111	174.125
0	0	0	0.0245953	0	0
38.0136	41.0789	38.5875	40.4006	35.4686	32.1974
0	0	0	0	0	0
2.87714	2.67699	1.29037	2.48059	2.6128	3.15633
22.5756	26.4089	23.2874	21.762	27.3563	22.0874
16.8161	16.1575	20.8743	18.4641	19.3284	18.6158
0	0	0	0	0	0
1.36981	1.61826	1.93903	1.34203	1.32738	2.05402
0.292087	0.0929462	0	0	0.0503179	0.105221
2.1565	1.92146	1.97012	1.47629	1.50848	1.44156
10.6135	10.9488	11.0873	12.6267	8.81998	9.49069
23.0741	15.5052	19.6169	20.6576	21.7582	17.0313
66.7794	68.2361	61.6182	67.7199	65.2534	62.6403
15.43	14.9467	15.4177	15.3625	15.0257	16.2798
3.76172	2.65824	3.38694	2.95304	3.67397	3.52175
2.82217	2.04023	2.53735	1.98916	1.66053	1.9172
0.328264	0.235031	0.232335	0.0595568	0.190857	0.166293
46.4984	42.6834	47.5447	48.3728	45.8615	44.3156
1.81952	2.23064	1.63238	1.98709	2.01052	2.04476
0.226054	0.0809251	0.0609501	0.0136709	0.0292067	0.0763434
1.65454	1.02857	0.898758	0.963646	1.4519	1.31249
9.35635	8.4743	9.1493	9.55261	8.94295	8.80949
28.1612	32.8883	23.7381	22.1582	12.7841	15.0258
26.4696	25.0787	27.5937	27.4515	30.1415	27.4131
9.5491	7.58863	9.59693	8.58939	8.70699	9.19692
22.9001	25.2123	23.1204	27.577	25.1817	23.6193
1.23794	0.846056	0.864801	0.571708	0.348972	1.0034
15.5887	16.7053	15.3351	16.4168	14.3299	16.945
175.344	83.7484	183.82	167.794	131.551	194.481

0.0917334	0	0	0	0	0
8.91077	8.40552	5.24063	5.42036	4.29284	6.18049
0.049019	0.0701934	0	0.071148	0.0380003	0.0397316
20.0008	16.159	20.6699	18.8339	17.2897	19.5835
0.591419	0.457321	0.363574	0.46354	0.330104	0.728635
1.48711	1.06474	1.9957	1.17733	1.02182	1.50669
3.28304	2.88787	2.20034	2.21238	1.78154	2.31888
0.0931637	0.100055	0.113037	0.0338053	0.0541665	0.0377562
5.46093	7.53419	3.59026	5.66415	3.4795	4.42627
1.27089	1.20505	0.555675	0.747819	1.14498	1.19714
131.834	170.091	162.903	162.188	147.813	137.879
1.99963	2.20185	0.998365	1.95157	0.587986	0.570064
20.4185	16.6706	17.1968	17.3287	21.0233	17.03
1.13981	0.136014	0.768307	1.10291	1.03086	1.23181
0	0	0	0	0	0
1.99681	1.73989	1.91993	1.54482	1.7378	1.81697
22.0163	20.0498	20.9719	22.2145	19.9868	19.5668
1.31751	1.01588	1.33897	1.27486	1.1523	1.64291
4.1716	2.89894	3.07741	4.71919	4.47037	6.86189
1.48056	1.53323	1.79625	1.45816	1.65321	1.86427
0	0	0	0	0.0532929	0.111442
0	0	0	0	0	0
0.0544932	0.0195081	0	0.0593201	0	0
1.6238	1.86018	1.44481	1.64979	2.76935	1.31615
3.18731	2.80252	3.18877	2.86093	2.88266	2.51544
2.96828	2.52173	2.63392	2.65248	2.28389	2.10067
0.156962	0.0749211	0.0952225	0.15188	0.121679	0.0848152
0.0495123	0.0354499	0	0.107796	0.0383827	0
7.28539	8.88532	8.49187	8.4524	7.88939	7.53917
0.104105	0.298149	0.10526	0.188877	0.0403519	0.168761
151.924	151.618	132.525	150.112	239.443	72.6512
10.0218	9.77179	10.9194	8.81948	8.81225	9.57779
55.8696	70.2951	65.2458	61.7614	71.0135	66.5942
0	0.0640085	0	0	0	0
2.12847	1.39332	2.00043	1.66236	1.27288	1.5116
20.9797	14.6623	20.5596	20.8358	20.8977	19.129
20.8649	16.3617	20.0919	19.6286	15.5758	18.3434
0	0.108837	0	0.220635	0	0
10.6682	11.2754	10.7471	8.05402	7.05838	8.93196
8.89395	7.12147	8.75587	7.98213	9.04528	9.09015
1.78071	0.900052	2.16005	1.92407	1.05945	1.40846
0.52273	0.374265	0.845651	0	0.405228	0.42369
45.33	39.8095	38.3163	35.4099	38.3974	36.2747

0	0	0.0404567	0	0	0.0405394
0.147276	0.15817	0.0595641	0.0178134	0.0761135	0.0795812
5.67476	6.91567	5.51687	6.39857	9.22814	6.31769
6.24735	5.96189	5.94763	5.8392	6.66599	6.83456
0	0	0	0	0	0
6.16958	6.00906	4.82368	5.55003	6.02207	6.44585
20.7066	21.0009	20.9038	22.2008	19.4578	21.0513
15.424	13.952	15.7344	15.6909	17.6062	16.5573
4.25063	3.30494	4.64656	3.83943	4.04625	5.5418
0	0	0	0.122702	0	0.137042
1.15653	1.75962	0.818558	0.944231	0.560351	1.17176
63.6854	55.8992	62.4367	72.75	79.5862	60.8437
9.99914	8.1407	10.458	8.25141	8.08489	8.23536
0	0	0	0	0	0
0	0	0	0	0	0
0.174953	0.187894	0.247653	0.428511	0.186486	0.194982
15.8121	15.9996	16.1062	16.6204	16.2008	17.5885
1.54988	1.01873	2.03465	1.29073	1.1818	1.42099
0	0	0	0	0	0
0.285515	0	0	0	0	0
0.270201	0.193459	0.327841	0.39218	0.26183	2.79234
2.8044	3.01185	3.45195	2.4334	2.03223	2.52014
0.0678609	0	0	0	0.0526068	0
1.77749	1.58176	1.94695	1.4503	1.15625	1.33091
7.45474	5.68555	5.30901	2.76382	1.00505	2.33155
0.143659	0.144	1.02258	3.48214	0.356373	1.04796
6.16073	5.70906	6.39791	5.97005	5.22353	6.17266
13.859	11.0716	11.8827	11.8738	15.1907	13.2076
29.4269	28.0149	30.4457	31.4734	27.0301	27.7932
0	0	0	0	0	0
17.5251	14.3749	14.3821	18.8302	16.1577	16.3098
0.334112	0.310984	0.459437	0.290966	0.233108	0.29789
2.57879	2.53754	2.27557	2.81047	1.59961	2.13907
170.98	153.266	183.839	181.845	195.215	185.529
0.149162	0.0710354	0.24076	0.108317	0.115397	0.160867
8.76903	8.51633	9.02318	7.2286	7.95355	8.98304
0.0477421	0.0854561	0.0772352	0.121266	0.0370104	0.154786
23.3169	19.6085	20.7992	21.8308	27.7666	20.1335
8.30822	5.25217	6.4434	7.25157	6.36017	6.78349
0	0.0763023	0.0862026	0	0	0
1.98492	0.756216	1.31827	1.533	1.27052	1.41696
20.5957	19.5108	20.4707	20.9747	20.5225	21.241
16.2194	15.9705	14.4974	17.7459	12.273	15.3105

0	0	0	0	0	0
34.5711	46.2042	31.2263	38.4696	33.6489	33.8587
0.105539	0.075564	0.128053	0	0.0409078	0.085543
338.334	243.617	277.906	234.782	414.379	115.341
4.30914	3.58557	4.01312	4.25133	3.71971	4.44612
0	0	0	0	0.0241439	0.0504878
17.3553	21.337	16.7445	21.88	19.7922	19.769
11.0463	11.5586	11.2475	10.9149	9.28837	9.14929
11.9704	10.2988	10.3682	11.1723	11.7034	11.3322
12.0606	11.6873	10.3323	9.62233	8.77328	11.4847
0.328592	0.369403	0.396765	0.59194	0.233911	0.201245
0	0	0	0	0	0
6.51135	8.72861	4.38022	4.62564	3.38949	5.0396
0.21675	0.0471557	0	0	0	0.0533831
0	0	0	0	0	0
1.60211	1.91396	1.44893	1.60616	1.63421	1.93527
13.0741	13.8041	12.2466	11.9945	15.9578	13.4216
0.575522	0.156277	0.149474	0.103493	0.0512437	0.383161
0	0	0	0	0	0
1.07349	0.640497	0.578882	0.519366	0.138697	2.17525
104.757	132.4	139.449	102.1	138.676	127.039
0	0	0	0	0	0
0.205428	0	0	0	0	0
1.15992	0.553652	1.01642	0.631329	1.34878	1.0185
1.44144	1.08636	1.56483	1.87193	1.29386	1.38355
7.15856	5.62049	6.35605	6.8274	7.24411	6.41368
41.0183	29.4342	34.7551	40.0588	42.521	37.2849
0	0	0	0.00388515	0	0
17.3643	18.2622	21.3959	17.3679	14.6816	18.0122
2.52988	2.22352	2.76677	3.1262	2.67189	4.10654
7.48967	6.16253	5.61916	6.25462	6.23506	6.0331
0	0	0	0	0	0
8.94553	5.76435	5.37521	5.00806	3.76456	6.31843
0.487068	0.331295	0.541722	0.326964	0.405902	0.335642
85.9684	83.5216	89.7684	93.6768	101.496	81.7746
1.01E-09	0.149461	3.20E-10	7.97E-10	0.0495588	1.04E-09
29.0781	17.7381	64.1645	8.18778	35.1652	14.7069
42.3113	55.9013	53.7779	42.7807	43.9013	45.5145
293.015	286.935	273.787	286.313	326.448	270.542
5.36117	5.49265	6.06157	6.42717	5.94707	5.35373
0	0	0	0	0	0
13.9615	17.218	18.0823	15.7547	13.4962	13.9639
0	0	0	0	0	0

12.0867	10.6638	12.9339	13.3494	12.5649	13.0328
3.32537	3.24044	3.32481	3.8085	2.80025	3.60208
4.6984	4.10967	6.44016	5.39172	6.01065	4.78371
19.4993	21.0627	19.7841	18.0363	18.8879	20.1899
4.63329	4.10331	3.76696	3.91172	2.66177	3.87134
14.1959	13.5023	15.5128	13.1894	14.1248	13.6848
5.60148	4.4121	5.17905	4.70337	4.2409	4.86377
0	0	0	0	0	0
0.17843	0.650377	0.301778	0.588591	0.113172	0.065738
24.4106	21.5012	21.3214	20.9855	23.2665	20.815
3.88851	2.98296	1.4828	2.66071	0.861266	3.46694
2113.99	4418.97	3193.24	3317.32	4574.32	2668.45
0	0.203636	0.460115	0	0	0.230528
0	0.694612	0.896843	0.603479	0.322319	0.449339
0.21637	0.24344	0.20002	0.201887	0.239619	0.275589
19.3469	21.1425	24.4212	17.8091	22.8917	20.0143
0.152515	0.104998	0.118621	0.123454	0.0636634	0.152146
0.241918	1.12E-19	0.0368578	0.11641	0.0543406	0.0292077
14.2917	11.2459	12.4259	10.3717	12.3101	10.9403
1.07E-06	2.96E-09	2.00E-05	0.514502	1.80366	2.79E-07
0.248868	0.0779557	0.0377445	0.0564399	0.0482315	0.0882506
5.32371	4.04581	4.40362	4.30089	3.14536	4.37988
0.407134	1.27586	0.587002	1.1205	0.473175	1.19699
77.8836	98.4658	107.136	93.0131	98.9881	96.4909
12.0904	12.5519	12.032	13.4538	15.6211	12.799
7.02555	4.98624	5.7441	6.04507	6.83631	7.35306
0.0180727	0.00431317	11.2837	0	0	0.00976564
43.2945	35.9196	39.2327	40.3149	36.6937	36.8114
0	0	0.0212924	0	0	0
47.0897	40.7177	32.7142	34.8043	26.8722	28.5495
0.66735	0.345085	0.35987	0.565026	0.229929	0.360606
14.2402	15.1856	14.012	13.2523	15.1951	13.1173
28.9406	27.4206	27.8627	27.5388	23.4484	26.9329
2.75216	1.91133	2.27064	2.41667	2.26148	2.20836
0	0.0552372	0	0.147847	0	0.0468979
0.0298715	0.0213874	0.0241624	0	0	0
54.0661	46.3936	44.397	48.5991	57.0506	51.8549
25.4726	23.4832	23.3645	21.9244	25.9093	24.5234
0.103579	0	0	0	0	0
0.878243	2.14533	2.13118	2.99932	1.08131	1.75868
11.0099	7.08949	7.79264	8.2655	7.91171	9.7874
0.823146	0.671212	0.684321	1.12837	0.673566	0.908116
8.64283	6.40002	8.60708	7.73292	7.56051	8.81661

28.332	24.7151	23.7004	25.8917	23.6306	24.1867
20.6111	26.8871	23.6817	23.8532	23.967	23.2238
9.91037	8.66013	8.90204	8.74045	8.12871	8.73904
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
585.298	674.774	683	635.831	701.889	573.645
0	0	0	0	0	0
0.143328	0.159983	0.0862913	0.0774196	0.0827	0.12649
9.97761	9.08699	9.68166	10.8401	13.5472	13.8479
0	0	0	0	0	0.0408718
0	0	0	0	0	0
74.7503	101.949	78.0352	68.8216	99.8184	68.3007
2.96412	2.50192	3.04652	2.28927	2.4981	2.50172
1215.46	2379.68	1462.51	1479.5	1153.19	2759.66
0.838015	0.875004	0.536634	0.684183	1.13687	1.44338
0	0.27304	0	0	0	0
0	0	0	0	0	0
0.431899	0.115299	0.249693	0.313482	0.220501	0.349949
4.63685	2.53674	4.90471	4.69381	3.28119	3.35358
0.094704	0	0	0.103093	0.073416	0.115141
0	0	0	0	0	0
0.989091	0.624375	0.538019	0.723935	0.687387	0.898434
26.0076	24.6015	24.8414	27.0392	26.0309	23.4732
0	0.0204124	0	0.02069	0	0
0	0	0	0	0	0
18.1029	13.757	16.0981	16.6522	19.3401	16.12
0	0.0987852	0	0.0500643	0.0534789	0
0.871078	0.900864	0.861175	0.351198	1.12546	0.706038
18.6865	21.5251	20.7484	20.692	16.357	14.671
4.64027	3.72387	3.16486	2.90043	2.69921	3.45192
1.19819	1.11785	0.998563	0.922249	0.90071	1.14775
6.13127	4.20649	5.31434	5.36919	5.35339	6.1795
18.2006	14.7558	14.2647	16.9172	13.2326	13.1395
12.9121	10.8793	11.5407	11.8038	12.7748	14.2241
2.53511	1.57497	3.69929	2.07451	1.68589	0.211523
126.678	150.949	149.59	130.469	135.671	139.65
0	0	0	0	0	0
0	0	0	0.0791693	0.084569	0
1.39467	0	2.25194	8.04E-06	0	0.0755736
0	0.137334	0.0775764	0.139201	0	0.31094
141.223	101.113	0	0	0	0
23.9124	22.9302	17.801	18.9702	16.0303	22.1988



0	0	0	0	0.295629	0
81.4277	84.4197	79.0718	78.6612	80.3761	74.2883
46.4337	42.3181	47.6403	44.8598	38.8073	24.8317
0.038668	0.055371	0.0938332	0.112248	0.029976	0
2.95961	4.08117	3.62089	3.18198	3.03105	3.70219
33.2734	34.9894	34.4825	37.8799	30.5553	32.9319
10.6775	11.514	4.58174	3.77994	8.02503	8.39064
58.6295	49.3487	51.6223	54.9648	41.9972	50.3299
0.193368	0.375787	0.357512	0.300708	0.0428291	0.179121
56.0023	62.1465	63.8256	54.297	54.6198	57.6289
0.789987	0.754154	1.38451	1.21032	0.714479	1.20948
8.97812	7.71393	7.63276	8.51689	5.98725	8.74469
0.86646	1.14113	1.2892	0.670152	1.15271	0.7751
131.583	147.771	145.533	147.693	162.078	134.015
11.9514	14.2989	17.5021	16.2412	10.8495	13.2642
34.6356	33.3084	30.5323	30.2572	28.8656	23.3694
14.3463	18.4471	20.1972	17.2188	15.3527	16.4712
4.75377	0	0	0	0	3.85309
0.264756	0.18956	0.214156	0.576415	0.307865	0.107297
0.0225475	0.119582	0.109429	0.10227	0.176977	0.122175
3.55947	3.35988	3.28256	3.51286	3.02226	3.73811
0.0439404	0	0	0	0	0
2.04348	1.90646	0.901599	0.741496	0.480042	0.62739
10.3586	10.2839	10.752	11.143	10.8926	13.214
4.01261	3.0518	3.81049	4.18471	2.85651	3.31945
2.15776	1.43215	2.21675	1.46306	1.22097	2.02979
9.18592	8.23702	8.87628	8.20775	7.98548	7.31639
16.2185	27.4838	17.1648	15.0976	16.1567	18.9506
2.32476	1.81244	2.42369	2.96183	2.52307	2.26116
3.76856	3.47709	5.12243	4.5112	5.05983	4.69204
22.3019	22.7163	25.009	21.9566	20.0254	24.5397
3.09657	3.32563	2.71006	2.91036	2.47921	2.38644
0.765916	1.27956	0.734263	0.699946	0.681713	0.896713
17.957	15.274	15.919	15.6531	14.8815	16.784
1.43329	1.1526	1.54499	1.31693	1.54751	2.64679
82.5649	81.4143	82.801	87.0764	82.5987	84.229
0.854702	0.858597	1.07787	0.797649	0.977266	1.0451
0	0	0	0	0	0
30.2672	32.0861	33.4264	34.1468	29.1121	30.5233
4.7095	4.29152	5.36782	6.21412	4.81252	4.68475
0	0	0	0.114565	0	0
0	0	0	0	0	0
7.52547	5.59366	8.24297	7.35569	5.35387	5.47818

0.873063	1.49329	0.66697	0.950397	0.789614	0.786275
14.9077	12.4538	16.0795	16.2483	17.6397	16.5569
30.3519	31.269	28.0824	28.3519	15.4672	27.5414
14.4639	13.8173	13.713	12.3904	14.609	15.5941
20.5138	20.1071	15.8073	18.8524	12.7531	22.1039
65.2813	76.8728	70.5261	65.8955	85.8493	59.6545
0.561684	0.402155	0.176645	0.814258	0.13655	0.211534
0	0.131397	0.0742229	0.0998879	0.106701	0.334686
43.9888	48.4943	43.8545	43.625	30.7636	43.9442
0.0447125	0.0320133	0	0	0.0346618	0.036241
13.3283	12.4574	11.7853	15.9314	13.0293	13.2669
0.649187	0.297474	0	0	0	0.449013
0.0483447	0	0.039105	0	0.0374775	0
0	0	0	0.224582	0	0
9.65915	8.61119	8.36035	8.42143	8.93962	9.40565
44.1951	40.373	42.9885	45.2347	49.5826	45.8118
0	0	0	0	0	0
13.3576	8.83579	6.56874	8.31721	7.31659	8.48688
107.942	118.741	108.151	112.56	103.392	102.283
0.273454	0.195788	0.0552975	0	0.0529962	0
21.1236	15.712	19.576	19.0704	23.7227	23.3377
23.3979	21.2333	23.221	20.7717	25.7636	20.7586
0.19885	0	0	0	0.0293606	0.0402935
3.64993	3.29913	3.66985	3.14689	2.9844	2.85533
0.0574074	0.0685043	0.10835	0.0416616	0.0593374	0.0155102
0	4.60939	2.93755	3.65669	3.57732	3.85587
52.8529	32.6236	48.0237	42.5273	58.1054	16.1368
6.08011	7.71313	9.93518	10.5721	9.11046	9.39322
0.668991	0.478985	0.646085	0.630365	0.642409	0.833482
4.43E-08	0	4.02E-06	0	0.0515298	0
49.9225	42.7389	45.2061	48.0371	51.7772	47.1902
4.50586	5.15401	5.13313	5.28793	4.32949	7.82777
0.0783624	0.168318	0.190157	0.227476	0.183762	0.222304
0.221802	0.029776	0	0.120724	0.128958	0.0337082
10.5851	10.3675	11.508	11.6627	12.2875	9.18301
8.85591	9.176	11.1016	10.0882	8.92586	10.2889
0.652008	0.350119	0.395547	0.236587	0.252723	0.132119
0.0861371	0.0925088	0.139349	0.125022	0.13355	0.0349085
0	0	0.0200011	0	0	0.020042
0	0	0	0	0	0
0.138762	0.165584	0.0374138	0	0.10757	0.0374903
0.223018	0.224545	0.229073	0.205522	0	0.205033
0.253461	0.120982	1.29845	0.245255	0.458469	0.0684794

0	0	0	0.0776766	0	0
7.51297	1.7212	0.485049	0.928805	0.384126	0.481976
75.0276	87.0667	84.8817	80.0082	66.6281	78.1614
24.7516	23.7485	23.7649	22.962	18.5747	20.154
0	0	0	0	0	0
2.10981	5.16116	4.62199	2.48808	1.56741	1.85258
0.997613	0.614023	0.806949	0.584269	0.529145	0.510694
84.274	83.7301	82.3749	86.5465	81.6348	85.9678
1.90499	1.66703	1.4553	1.52073	1.49319	0.857811
32.9086	28.8276	28.6435	32.9796	26.4302	29.6807
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.255934	0	0	0
8.47283	9.70622	10.5544	8.69043	8.45118	6.73017
33.2858	33.678	39.2486	38.6724	37.3729	36.6056
0.207604	0.297281	0.167927	0.301324	0	0
0	0	0	0	0	0
9.13116	21.066	14.0295	12.4819	8.68909	5.09071
0.806599	0.120293	0.377685	0.182479	0.295578	0.583239
25.9954	37.0633	25.7058	22.1216	19.2901	29.0841
27.9229	33.3461	30.3938	31.8264	28.7481	28.5415
0	0	0	50.7945	0	0
0.0319955	0	0	0	0	0.0518668
3.25473	2.81665	2.47243	2.83442	2.21596	2.61513
3.02196	2.77639	2.48767	2.62007	2.23901	2.34102
25.8772	21.3526	23.8468	24.0602	22.9205	25.0031
45.2426	31.4014	42.9756	44.4999	32.0981	36.1265
5.44161	4.86455	4.50732	3.7136	3.86992	4.50986
0	0	0	0	0	0
5.39942	4.63362	4.90205	5.16461	5.2615	4.8443
2.40828	1.46132	1.51155	1.54751	1.58063	1.9983
21.7116	26.5501	8.73543	12.0608	14.8892	14.1873
0.475825	0.511023	0.553273	0.453226	0.345813	0.313359
0	0.0599579	0.101606	0.0607733	0.0973775	0.033938
4.08398	1.85947	3.30147	2.15289	1.15047	4.50983
0.0405812	0.0387405	0.0328253	0.0490842	0	0.0328925
71.1222	75.6347	67.0459	65.5792	75.4364	70.3137
17.6041	24.166	21.5266	21.851	21.5856	27.1362
3.03785	6.57261	2.85376	4.94813	2.08885	1.73819
21.8477	20.009	16.1543	21.0917	13.9061	15.7527
44.8948	38.7516	31.2952	41.011	39.791	41.2911
2.05754	1.13473	1.07596	1.84822	1.48728	1.19284
0.152956	0.109514	0	0.111003	0	0

50.1	51.4146	45.7683	52.3052	36.8623	46.6633
50.0893	42.7593	46.5086	43.2714	50.13	35.6813
8.15524	9.57595	8.99538	6.99448	7.3336	7.73982
23.2713	19.077	20.2868	19.9396	19.7457	17.3563
0.223022	0.351295	0.469035	0.356072	0.103734	0.32538
0.114704	0.184783	0.115977	0.166485	0.20007	0.325399
1.10083	0.324447	0.308445	0.711761	0.266932	0.269961
1.46647	0.873419	1.03923	0.904134	1.21731	1.54626
0	0	0	0	0	0
1.42412	0.728315	0.329126	0.442932	1.104	0.577148
5.78285	5.41489	4.89658	5.45372	4.92742	4.84229
0	0.0311086	0	0.0315316	0	0
75.6087	75.2593	67.622	68.1627	72.5842	70.2411
0.0221115	0.0158314	0.0357712	0	0.0171412	0.0179221
1.69655	2.42939	2.17954	1.44849	1.39255	1.456
0.079246	0.141847	0.0641005	0.0287551	0.0614327	0.160579
0.386982	0.0923571	0.292153	0.0936132	0.099998	0.104554
1.81059	1.35836	1.35994	1.4313	0.94416	1.52007
14.4074	15.1948	22.4198	20.0484	18.9103	14.2357
0	0	0	0	0	0
4.5992	3.20882	3.43508	3.36209	3.39621	3.41489
8.87404	3.03072	4.33465	2.70929	3.45393	4.28747
0	0	0	0	0	0.026805
0.2639	0.10797	0.304948	0.109438	0.496836	0.2139
17.4036	12.5168	14.708	14.3511	15.0749	15.6288
13.3938	13.6034	12.8426	14.826	13.708	17.9005
12.3716	10.4311	14.2082	11.5974	12.2852	12.4563
0.121678	0.0871193	0.0328077	0.206043	0.159177	0.0657495
13.1114	11.2686	11.9782	10.7563	9.43326	11.9314
0.126747	0.194037	0.154127	0.282794	0.172241	0.202234
1.25501	0.91946	1.41649	1.20732	0.972903	1.04088
3.19436	4.27905	6.03429	5.18175	5.02212	3.5134
0	0	0.195318	0	0	0
11.9906	7.96235	11.7302	9.68792	14.141	11.5427
1.24406	1.13294	1.44571	1.30457	1.06141	1.62045
0	0	0	0	0	0
0.537571	0.468553	0.990221	1.25253	0.403421	0.503067
0	0	0	0	0	0
4.75359	3.92774	4.7476	4.26793	3.96437	4.49354
0	0	0	0	0	0
0	0	0	0	0	0
53.4261	53.8422	56.0072	55.3874	58.5237	49.1895
47.0222	66.1035	46.1725	54.4801	50.8947	61.7945

0	0	0	0	0	0
2.59429	2.49483	2.73624	2.49184	2.56321	1.97912
0.0667881	0.215186	0.648282	0.484693	0.207101	0.649608
13.9073	11.0501	11.0925	12.2155	15.3948	7.70508
8.44792	7.21173	8.6731	8.01721	7.85035	9.15171
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
128.69	123.445	115.984	88.1384	133.281	47.5147
0.813055	0.388088	0.701508	0.944078	0.756351	1.53769
0	0	0.0536932	0	0.0257293	0
0	0	0	0	0	0
1006.13	1061.08	949.913	951.634	1116.01	946.615
13.6405	12.3934	12.6932	12.0775	15.1559	14.0742
1.318	0.7064	0.651847	0.601227	0.595526	0.579926
19.1739	14.2397	19.0475	18.2826	16.0366	20.2155
3.12817	2.19431	2.42773	2.28551	2.50693	5.22515
69.7266	73.8121	80.5497	72.0688	82.2586	80.02
4.58508	3.28283	4.42201	3.07152	1.23038	1.42937
0	0	0	0	0	0
9.37624	9.27986	9.60275	10.5452	17.9777	7.2154
21.9475	21.3939	19.5134	22.2984	14.3198	18.6338
0.450466	0	0.485831	0.326911	0.349208	0.365118
22.1844	15.3886	18.4665	18.4187	23.0573	19.6623
0	0.072333	0	0	0	0
0.122746	0.0741521	0	0.0751605	0.0816541	0.0746174
15.2647	15.6368	11.8615	14.0768	9.24475	13.2197
0.315526	0.153834	0.343866	0.193365	0.0799853	0.367709
10.27	13.7804	12.7866	12.1105	10.8928	10.0589
0	0.0229082	0.0258805	0.0464394	0.0248034	0.0518668
1.69301	0.832229	0.98109	1.19197	0.685605	1.14695
0.796389	0.382737	0.732427	0.862972	0.820345	1.26454
1.9429	1.45431	1.00009	1.13761	1.0954	1.27057
0	0	0	0.0258165	0.0275773	0.0288337
7.09591	12.4805	10.6445	8.77842	6.40151	10.707
0.179931	0.179943	0.137212	0.187644	0.0683192	0.165039
0	0.01986	0.0673106	0.0402602	0.0215031	0.0224827
6.89214	4.23044	5.19249	5.98484	4.65102	5.70431
4.1382	3.59136	2.94167	4.36824	2.3008	2.77819
0.0698346	0.0125001	0	0.0570152	0.0135342	0.115565
1.1856	1.50387	1.31464	1.05924	0.690171	1.64676
0.432627	0.206502	0.233295	0.470947	0.0558965	0.0584431
48.5297	46.3195	62.9852	50.4658	55.4631	58.0206

3.31936	4.08608	3.08535	3.25415	1.71548	3.44567
12.9206	9.61881	10.0355	11.0016	7.88209	9.87752
11.2384	9.56044	11.5749	10.2496	11.2924	12.6106
0.427283	0.324468	0.178047	0.187932	0.331236	0.482759
0	0	0	0.254279	0.203717	0.0709993
0	0	0	0	0	0
34.295	31.8362	37.1304	36.4888	36.3126	39.7198
15.2769	13.9332	21.4549	16.8924	17.5374	15.4723
24.6337	18.3419	23.0317	26.5289	29.0261	23.1574
14.2059	14.3085	10.2675	10.6231	9.58806	11.25
0.200764	0.0919956	0.227351	0.128214	0.136959	0.123672
9.7555	9.45305	5.69496	8.28757	7.59969	7.83356
13.5737	11.5153	13.2583	12.8245	14.5727	12.6003
35.1769	36.7138	35.9498	38.2483	39.5978	36.0749
27.3938	23.9039	28.5125	25.0451	26.441	27.9178
0	0.0660901	0	0	0	0.074818
0.10809	0.0773902	0.0874316	0	0	0.0438052
0	0	0	0	0	0
1.9212	1.3244	1.30472	1.07575	2.03434	2.57681
0	0	0	0	0	0
0.659094	0.235949	0.566448	0.179369	0.287403	0.734549
105.222	90.5656	100.185	115.095	85.797	86.6799
69.3857	76.2783	69.0036	71.7628	55.7829	64.3943
4.24487	4.37442	4.36977	5.41414	5.88302	5.47351
0	0	0	0	0	0
0.0683786	0.0489578	0.11062	0.0992472	0	0.0554232
8.82776	6.84398	7.35804	7.35506	7.70787	6.72431
10.391	8.66241	10.5211	9.60638	7.66098	10.0125
5.98924	4.8158	4.90369	5.07672	3.75104	5.20459
20.1699	18.6714	21.7165	19.3307	21.698	21.1875
0.256693	0	0	0	0	0.0693528
674.618	678.649	728.925	868.302	984.93	589.512
55.5785	53.8954	52.2565	60.5446	56.8166	50.0965
0.0901081	0.0756058	0.0728866	0.0882835	0.0589367	0.12521
13.2219	10.4133	13.9785	15.6387	17.8024	15.1915
1.46324	0.550974	1.32166	0.699651	0.383125	0.734388
3.40301	2.14966	1.42922	2.34193	2.20025	1.57217
0.142584	0.217787	0.376756	0.234546	0.368445	0.277366
3.49254	3.29735	3.35128	3.31735	3.91522	3.20549
45.4057	43.5397	54.0762	54.8184	54.7251	58.1723
16.2133	15.0726	15.6548	15.1257	16.4999	14.3858
4.04692	3.82691	4.63248	4.37768	3.7294	3.89906
420.699	554.672	522.892	495.196	385.791	540.595

2.52763	1.04197	2.1065	2.44579	0.653152	1.86248
21.7218	8.82292	10.3002	17.9753	16.6583	15.6045
4.10916	4.29576	3.22524	1.71424	2.53107	6.60331
18.7238	17.2699	23.3185	19.4956	19.6816	21.3142
51.683	53.9392	43.2114	44.6032	39.3435	42.721
3.64896	1.98552	3.2009	2.25805	3.28276	2.68969
0.116126	0.194002	0.187863	0.19664	0.330082	0.0627491
0	0	0	0	0	0
13.8364	10.2869	10.7496	10.9112	12.0891	12.9099
5.77117	4.81673	5.96988	5.8916	6.57457	6.0778
4.39343	3.99578	2.97747	2.75753	2.57741	3.4327
0.772199	0.235099	0.265603	0.0966298	0.655352	0
0.0466429	0.0200372	0.0377285	0.081239	0	0.0226834
0.286117	0.263385	0.661242	0.326292	0.126744	1.15954
3.76099	3.78197	4.48844	3.39672	3.55071	3.306
0.582295	0	0	0	0	0.707955
62.2123	74.8322	57.6326	59.9621	62.917	58.6918
0	0.0316869	0.0715966	0.0321179	0.0343084	0
1.3846	1.50873	1.09863	0.788952	0.612219	1.05384
0.377463	0.270256	0.915966	1.09573	1.17046	0
0.0257807	0.0738341	0.0834141	0.0935478	0.0199856	0.0241727
5.03753	4.57237	4.90896	4.6346	4.39716	4.72609
0	0.00674318	0.00761811	0.0153792	0.0389432	0.00254383
20.4116	22.9786	24.065	23.3377	22.4663	20.6804
29.2103	28.3379	26.1564	28.7473	30.3833	27.1864
17.202	15.1433	19.1375	17.702	22.5717	17.8369
14.981	10.1479	15.0901	16.9607	14.5615	12.7055
2.16635	2.73477	2.7207	2.52373	2.82844	1.80211
0	0	0	0	0	0
257.445	220.216	326.25	404.418	337.012	594.668
10.1968	10.3974	14.6685	14.1088	9.87865	10.8675
0	0	0	0	0	0
0	0	0	0	0	0
7.4516	4.9882	8.07299	5.16269	6.07663	5.02038
0.205242	0.0734747	0.0415041	0.0186185	0.0795534	0.124767
14.7197	11.1555	14.3898	13.7298	11.9334	14.1314
165.178	182.848	190.985	204.524	200.319	199.616
0.145163	0.0259832	0.0293545	0.215085	0.112532	0.117659
0.582996	0.536775	0.557372	0.638892	0.529064	0.986307
4.10995	7.79552	6.41562	6.43628	5.58965	5.66898
90.1138	89.7849	95.8316	96.7858	90.2698	86.8953
0	0	0	0	0	0
0	0	0	0	0	0

4.34544	3.66682	4.14229	5.36051	4.25206	6.69048
21.5337	17.9814	16.9156	13.9543	12.2442	18.9911
0.66358	0.475111	0.306718	0.550368	0.146976	0.61469
14.4623	10.4913	10.9769	13.5813	10.9673	11.6777
0.488267	0.294967	0.506029	0.520443	0.520455	0.593636
2.09183	1.67391	2.53806	2.45572	2.28934	2.49338
0	0.0115389	0	0	0	0
2.90828	4.0406	0.980188	2.86438	2.7645	3.36752
0	0	0	0	0	0
0.296981	0.141755	0.0800739	0	0.153483	0
1.49237	1.90194	1.32786	1.27798	1.22632	1.42734
0	0	0	0	0	0
8.35E-09	6.18E-09	8.65E-09	4.99E-09	1.30E-08	8.26E-09
5.94002	3.70034	4.86952	4.29079	5.2493	6.11109
1.68252	0.876111	1.73213	1.44304	0.711445	0.991811
4.91735	3.52073	3.33794	3.65827	2.89253	3.74534
0.0012243	0.00010361	2.30E-05	2.67E-06	0.00250985	7.74E-06
5.51542	4.56904	5.15982	5.69529	5.28161	5.52223
14.7324	19.5261	15.1478	15.1733	13.4901	20.2588
12.7708	10.7727	9.4395	20.9328	7.62422	18.6796
0	0	0	0	0	0
7.0625	4.44058	5.16174	4.73512	4.55783	4.03904
5.0974	3.94635	4.8774	5.3237	5.07599	5.99626
2.09039	1.49669	1.87986	1.85615	1.78255	2.26244
1174.34	1033.11	1090.63	1285.15	1263.06	1118.67
16.8481	21.6255	18.0944	16.2341	18.2194	15.8937
14.6206	13.4864	15.5265	14.3859	11.8208	13.7771
0	1375.75	1554.25	1394.46	0	1557.43
0	0.226313	0.255678	0	0	0.2562
2.94574	4.21818	6.35399	3.0879	5.83582	5.04053
25.268	22.6844	22.2647	22.8742	24.3991	23.4007
1.25627	1.0136	1.37845	1.75102	0.878176	0.707125
2.35645	1.37764	1.57158	1.59966	1.57791	1.34226
167.766	162.196	172.425	164.801	185.105	157.674
0	0.084473	0.127244	0.0285406	0.0304872	0
1.87855	1.05491	1.75788	1.3633	1.8846	2.59743
12.9492	9.93927	8.03784	10.7107	6.05083	10.0641
0	0	0	0	0	0
0	0	0	0.190951	0	0
13.5691	13.793	12.8074	11.3699	11.7952	22.8155
3.02016	2.22725	1.68563	2.73973	2.29445	2.76617
1.80021	1.24132	2.69369	2.03043	1.60173	1.72125
4.22813	2.41005	2.98839	3.76851	3.72322	3.21077



16.5721	13.5679	13.9947	16.6824	12.5274	14.5202
47.3469	46.1542	45.3085	41.9767	40.8706	44.2354
6.94974	6.20871	7.46737	6.63189	6.70629	7.60034
0.134062	0.191971	0.10844	0	0.103927	0.217323
0.797819	1.56134	0.989521	1.65978	0.948339	1.12088
0	0	0	0	0	0
12.922	11.7821	10.7771	9.32471	8.47066	10.645
2.18139	1.37534	1.40885	1.32907	1.24308	1.64934
18.0783	6.7737	13.6755	9.40872	5.04219	11.0231
0	0	0.0427148	0.0383232	0	0
139.984	125.282	424.614	304.767	271.295	368.751
0	0.0511754	0	0.0518713	0.166228	0.231734
2.02237	1.04576	0.84822	1.38613	0.72582	1.12315
0	0	0	0	0	0
3.84297	3.9586	1.84504	1.51141	2.36408	1.56747
14.0142	12.5978	14.7647	14.5953	12.2445	13.9948
0	0	0	0	0	0
0	0	0	0	0	0
13.665	11.7691	13.7271	12.8097	15.3842	12.4127
20.3279	17.8681	22.2104	20.3305	17.1277	20.2322
47.7232	48.0229	54.2305	52.7061	53.3636	53.6146
0	0	0	0	0	0
0.289728	0.0819515	0.144664	0.124599	0.0443658	0.0231935
60.63	69.7795	73.928	71.7087	62.3169	65.8986
0.141789	0.203036	0	0.411595	0.109917	0.459699
0	0	0	0	0	0
4.07216	3.08263	3.68847	4.00188	3.5514	3.21467
13.5139	9.47811	14.0485	11.6745	12.2593	13.6679
6.55058	5.56593	6.78109	5.74936	7.16619	7.26163
42.0532	33.6211	36.0962	38.2554	43.7041	31.5687
0	0	0	0	0	0
2.01043	1.90113	2.85351	3.1107	3.38168	2.98232
0	0	0	0	0	0
1.38715	1.62665	1.37338	1.5899	0.973739	1.51978
4.12431	4.10642	3.47507	3.55429	2.34797	4.23085
0.0770935	0.0275988	0.0935391	0.0279741	0	0.0624869
12.2536	14.9081	16.2591	13.6522	13.4354	13.8621
0.0293597	0.112114	0.0228404	0.0213069	0.02276	0
20.7809	20.5896	21.2519	21.4918	21.1479	19.0844
13.8543	11.4575	11.6555	12.384	13.2287	12.4815
21.7781	15.36	18.1357	19.6673	20.9485	21.075
1.55109	2.39463	1.37227	1.82919	1.50304	1.65009
6.75349	5.85475	6.58328	6.3533	6.72693	6.40963

3.13096	2.08384	1.92618	2.24019	1.91438	2.03735
0.301682	0.377998	1.09811	0.218936	0.233869	0.122262
0.778804	0.868031	1.02818	0.653447	0.702363	0.83112
2.24922	4.34358	3.7143	4.83735	8.37856	3.7642
6.3239	4.14784	5.15105	5.23124	5.72516	4.62391
0.21972	0.432616	0.311022	0.318909	0.68132	0.400703
0.422772	0.279048	0.651883	0.580068	0.742534	0.621091
5.83409	5.52553	5.05125	6.64888	6.60838	7.28821
24.7674	21.7831	22.8287	24.6756	27.8993	24.6102
0.0379079	0.0271413	0.0306629	0	0.0146934	0.0614512
64.1724	55.7251	59.1632	62.7787	69.8672	52.9901
1.6355	1.48978	2.20348	2.408	2.30363	2.6493
1.27716	1.66747	1.36122	1.02499	2.05003	2.05818
15.1442	12.07	12.8514	13.0399	11.3306	13.5941
0.592902	0.769418	0.479586	0.564742	0.51708	0.510602
0	0	0	0	0	0
1.28952	2.00043	2.17306	2.37857	1.54114	1.9162
0	0	0	0	0	0
19.9069	24.0749	19.8567	22.1567	17.2712	17.222
23.2053	21.1126	20.5942	21.7976	21.9118	20.8071
44.291	40.6478	37.4212	38.1561	23.0826	23.6861
11.9323	11.5148	11.0645	11.7195	10.9534	10.0635
0	0	0	0.247403	0	0
6.09577	6.64149	4.21653	4.25943	4.72568	5.50577
11.3627	11.8263	11.9765	11.4601	10.2938	9.00223
0.633505	1.05835	0.512429	0.153249	0.491103	0
0.412508	0.489103	0.754429	0.394639	0.323567	0.403835
44.7035	36.1406	34.6253	40.2235	36.3173	36.4008
2.95384	2.33899	2.61083	3.35035	2.57799	3.69435
0.0515891	0.0738736	0.0417294	0.112317	0	0.0836294
0	0	0	0	0	0
1.89927	2.27512	1.97944	2.14702	1.67055	2.69399
4.75563	3.05031	4.25488	4.84516	5.02203	4.52247
13.401	12.3504	15.1907	16.6576	15.2774	20.4084
47.9208	52.7262	41.5747	44.8057	47.1014	38.4078
18.4376	17.155	19.0592	17.3982	19.5637	17.1341
62.379	67.7429	59.5297	36.9413	42.6192	45.6398
3.82775	4.11089	5.60262	4.86126	3.17928	4.24749
2.47038	2.529	2.76949	2.3904	3.39338	4.19786
14.0717	14.2704	17.1991	15.5984	12.2646	12.8536
8.18661	5.67325	6.01446	7.63768	9.81798	7.64759
76.2809	15.631	19.7414	49.6752	43.6495	65.839
46.2922	42.2947	43.4961	47.8274	45.0267	42.3541

0	0	0	0	0	0
3.95755	3.29805	3.20118	2.91915	1.91119	3.10256
0	0.194632	0	0	0.210735	0
1.72587	1.04441	1.14148	2.31683	1.30284	1.51021
21.113	15.9636	22.087	20.668	19.4462	20.3436
14.8524	15.606	14.2154	14.4602	10.1045	12.2568
8.55677	7.39754	7.75426	8.29693	5.91771	8.20179
13.5034	9.10884	9.65288	10.2819	11.1129	10.6709
408.218	362.099	330.513	337.168	424.881	349.681
5.71215	6.41434	5.89841	4.6494	5.74714	6.69853
24.3045	23.5605	26.6176	22.1964	25.7214	21.5075
1.66575	0.809293	2.26169	1.29521	1.24519	1.54302
37.6366	29.1564	35.3514	39.1383	40.2513	39.8286
0	0	0	0.0168267	0.0215692	0
0.95028	1.00787	1.4629	1.23892	1.06658	1.30697
0.540652	0.221198	0	0.560516	0.239498	0.375614
37.5044	35.4743	43.1515	36.8534	36.111	38.1536
6.28247	7.53801	6.00994	7.20328	5.09265	5.6502
0	0	0	0	0	0.0841904
0.671081	0.540541	0.678529	0.852277	0.682805	0.339958
0	0	0	0	0	0
0	0	0	0	0	0
71.3086	86.0302	79.5545	81.9009	84.2076	63.7983
2.6869	2.30852	3.34251	3.28127	4.28078	3.63471
7.15473	4.60711	6.40686	5.32907	5.76926	6.31411
13.2272	14.4695	17.2059	12.1158	16.0741	10.6994
11.7845	15.9375	11.121	9.5553	8.45885	11.9692
16.2882	14.5723	14.2667	17.0952	15.9581	19.0887
6.13968	5.32717	5.87276	6.58552	7.35166	6.09838
0.287502	0.321558	0.265384	0.356235	0.158255	0.265926
8.0325	6.22205	6.57793	7.08776	7.23125	7.17297
53.3072	39.659	47.4	50.5834	49.53	43.4406
3.31501	2.90227	3.31005	4.17555	2.89642	4.63726
1.49679	1.03766	1.234	1.49462	0.92397	1.39824
0.0760998	0	0.0615556	0.055227	0.0589937	0
13.8989	11.404	13.0723	13.5054	10.4854	15.3673
0	0.0770815	0.261249	0.0781298	0	0.174522
0	0	0	0	0	0
0	0.652362	0	0	0.156962	0
0.154227	0.287101	0.174651	0.13431	0.0956472	0.150007
0	0	0	0	0	0
43.5606	46.0132	39.3994	39.3858	43.724	35.1239
80.0907	99.716	121.213	83.8592	154.734	123.174

10.2158	7.05046	9.80984	7.04604	7.11591	6.71196
0.370949	0.415842	0.429224	0.291843	0.384	0.279352
21.8619	23.5808	23.5418	23.4404	23.2726	21.7786
0.395861	0.152615	0.270941	0.243086	0.0944238	0.246814
2.93193	2.65284	2.58007	2.78245	2.52264	2.82037
12.1177	10.772	9.52335	10.3443	10.2644	11.9583
11.5346	10.6821	8.46663	7.61506	7.2665	8.84271
0	0	0	0	0	0
9.0547	7.47143	7.88251	9.66558	8.12104	9.57709
20.7797	18.5142	23.8375	21.1722	19.3507	26.1021
0.949693	0.226654	0.256063	0.287171	0.42946	0.833905
0	0	0	0	0	0
25.287	31.3449	14.746	13.3722	21.2745	22.7204
1.89736	1.47151	1.31647	1.77011	1.21298	1.55544
8.14164	8.38931	9.98687	8.36007	8.08931	9.16402
19.9803	22.6696	22.7142	21.9702	20.4065	18.2275
8.66038	8.07432	7.66434	8.34488	8.18998	6.73083
0.584601	0.209282	0.472872	0.212128	0.226596	0.473839
0.505781	0.415778	0.272744	0.163135	0.435655	0.288485
0.320096	0.302535	0.263257	0.401626	0.248166	0.374727
0	0	0	0	0	0
0.47514	0.52575	0.698784	0.407512	0.267881	0.385117
18.7763	14.4077	16.1305	15.6937	15.8005	14.5471
200.011	249.945	291.596	238.696	253.867	169.916
0	0	0	0	0	0
2.8378	2.50926	3.08799	2.37261	2.3404	2.75345
9.13574	8.44002	7.66782	10.2301	7.65331	7.88256
5.04298	3.94266	3.02865	3.63548	3.27885	3.54825
0.839322	0.772635	1.74577	0.870159	0.836557	0.87467
3.86905	4.18274	4.94034	3.82978	4.26473	4.72044
5.48388	4.26194	5.19406	5.61247	4.61461	4.97674
0	0	0	0	0	0
5.2529	5.02754	5.09686	5.82328	5.91384	5.00933
0	0	0	0	0	0
2.94971	2.33696	2.50372	2.53445	2.81555	3.13781
0	0	0	0	0	0
0	0	0	0	0	0
0.0364163	0	0	0.026428	0	0.0295167
20.3976	19.346	23.2846	20.9228	20.9807	20.6483
0	0	0	0	0	0
1.58121	1.07915	0.713475	1.63487	0.933812	1.15939
46.4113	47.8238	47.7444	49.0546	53.357	47.842
12.2126	10.3763	10.8979	12.7872	12.7268	11.4773

3.65E-06	5.10E-06	1.99E-05	6.93E-06	6.74E-06	0.437771
3.82991	3.18984	2.73967	3.61137	2.92861	3.54774
155.988	143.148	174.77	166.584	151.797	170.496
0.587443	0.168239	0.261344	0.234475	0.091079	0.190457
7.61519	30.182	16.1319	12.8586	12.641	7.62433
15.8449	17.1894	21.3077	17.9168	20.457	16.4125
0	0	0	0	0	0
0.940025	0.638317	0.572975	1.23209	0.702792	1.45209
0.0193498	0.0298928	0.00632086	0.109667	0.0768807	0
0	0	0	0	0.0755256	0
15.8565	23.2839	19.7967	18.2383	15.4399	13.984
19.7136	25.6639	17.1808	15.844	13.1989	16.2915
0.688612	0.578151	1.47E-11	0.209276	6.64E-08	5.60E-12
7.00205	7.38973	6.06684	7.06142	4.3437	8.10524
0.62366	0.530505	0.573395	1.08629	0.396391	0.621777
1.49385	1.67616	1.32506	1.43483	1.17571	1.12186
20.3834	19.9794	19.3311	22.5232	19.9134	25.9433
344.908	396.549	366.736	373.525	381.715	365.076
0.404235	0.506493	0.163489	0.330031	0.313369	0.409558
0.360891	0.516782	0.291917	0	0	0
26.4328	32.1706	29.9474	26.5938	23.2	24.8184
7.76359	6.4474	7.18772	7.26759	7.03891	8.1781
0.604675	0.394959	0.454786	0.477317	0.59211	0.438519
0.205294	0.440959	0.498174	0.148985	0.636588	0.166398
63.4885	65.9455	72.2849	68.4199	62.3777	67.0604
0.379061	0.43147	0.545092	0.724871	0.81626	0.43392
14.7046	16.9594	13.0935	15.2061	12.3572	17.4466
0	0	0	0	0	0
2.89913	1.61319	1.65522	1.46199	1.65114	2.05498
0.366434	0.24926	0.237212	0.438597	0.333921	0.237697
156.228	180.153	156.443	163.525	174.969	123.888
16.9042	16.1676	14.709	19.005	13.9034	15.3377
8.50108	10.352	9.15042	7.43241	9.02905	8.62657
15.1298	12.8177	14.0162	13.2794	13.0951	14.8314
0	0.0205714	0	0.0834047	0.0445466	0.0355299
0.0611674	0.262768	0	0.0887806	0.189672	0.0495783
0	0	0.0267025	0	0	0
48.3396	49.4519	49.7513	48.6726	50.945	39.9691
26.966	28.4913	27.9657	26.2311	21.6363	22.2863
0.141885	0.0507933	0.200843	0.12871	0.0549955	0.115002
0	0	0	0	0	0
0	0	0	0	0	0
0.155967	0.186115	0.336422	0.0754585	0.322421	0.294971

33.6278	31.1112	32.1136	35.6503	42.6171	27.9804
12.3549	9.65411	10.2975	10.9123	9.59579	11.1618
0.146937	1.15787	1.3081	2.02606	0.341723	0.953769
0.963164	0.50971	0.812957	0.987697	0.486952	0.933418
0.744247	0.888111	0.802675	0.540114	0.384635	0.201079
7.18105	6.82545	7.5725	7.17167	7.58932	8.29285
35.1683	31.891	38.2035	31.3272	28.9106	34.0412
0.762442	0.349372	0.268618	0.491838	0.189138	0.464175
46.7408	36.7421	40.6559	43.9668	47.6609	42.5282
0	0	0.0378888	0	0	0
23.0352	14.2593	18.1874	19.265	19.7634	16.5489
6.52729	3.73873	3.56386	7.87522	11.7014	11.1764
7.64565	6.67161	7.58557	6.97908	7.13096	6.72962
26.0219	27.7397	23.6419	31.3985	30.1923	30.2126
0.0498976	0.0857417	0.0484333	0	0.0440967	0.109198
1.50155	1.93515	2.42915	1.30765	1.16403	1.21706
14.2638	10.5225	13.1484	11.8437	10.6213	11.3449
36.2591	50.5459	35.9245	42.7096	39.4977	36.1664
2.20907	2.30058	2.92397	1.45742	3.26933	0.813875
37.2752	23.0442	40.2782	30.8641	19.1988	45.6282
15.7521	15.7829	19.1991	21.9419	17.0887	13.2779
11.385	17.018	1.93876	13.0458	2.94195	2.26651
52.0622	68.6195	52.1856	55.6047	56.3575	44.8053
0.194341	0.194802	0.332362	0.233718	0.215223	0.108014
9.5627	7.49632	9.55756	8.60651	9.54629	9.95919
9.68784	12.173	12.2215	10.7555	9.49961	10.3224
0	0	0	0	0	0
10.6238	10.0941	10.3769	9.89193	10.5666	11.373
17.0462	11.7833	16.6423	16.6595	17.9757	17.3334
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
5.59061	5.89951	6.13341	5.41676	5.10118	5.06497
13.911	10.6462	11.3127	10.3011	13.6602	13.3903
0	0	0	0	0	0
1.35582	1.27421	0.973747	1.30081	0.638815	0.79415
1.70813	1.27858	1.8841	1.85943	0.963033	1.00691
7.28617	5.66974	6.93402	6.77613	6.67777	7.1736
63.9951	66.4	48.1745	53.2564	43.0379	51.2938
0.0374133	0.107149	0.121051	0.0271515	0	0.0303247
6.92831	6.62056	7.25895	6.65121	6.82997	7.31801
4.801	3.79587	4.6491	5.54711	5.38285	4.30933
30.0449	19.771	26.743	28.5534	33.2746	28.3033

3.14925	1.81173	2.12993	2.19579	1.81079	2.06632
0.880317	0.900137	0.551933	0.395251	0.649552	0.668024
0	0	0	0	0	0
0	0	0	0	0	0
0.104607	0	0	0.0759148	0	0.254361
0.0775607	0	0	0	0	0
20.988	20.2561	21.5918	21.0742	16.5866	18.876
15.6084	20.4809	16.8017	20.1565	13.158	16.2588
23.4906	22.6944	24.2354	25.7078	21.6562	24.1972
29.5939	27.8208	28.7044	26.4335	23.0459	26.5017
16.4914	13.1244	14.8107	14.5708	12.0953	14.253
0	0	0	0	0	0
8.41566	10.8035	7.18053	8.29105	6.73305	5.86558
35.4377	37.0591	63.1426	33.5724	64.2137	49.6646
0.065876	0	0	0	0.0255341	0
0	0	0	0	0	0
3.11844	2.92157	3.46165	3.15391	3.29187	2.58138
0.0797397	0	0.0644999	0	0	0
25.193	21.3115	19.7779	22.3928	20.091	23.619
12.6374	9.87934	9.46753	10.4833	14.3899	12.4027
0.0477503	0.136753	0.193121	0.138613	0.11105	0.193516
2.89697	8.88928	4.64392	11.5215	2.25898	8.45672
60.0199	74.2094	79.4009	74.7503	75.0957	71.1414
1.96655	1.08541	1.70742	2.51385	4.30772	3.49532
20.3843	21.4296	18.3868	21.855	15.3116	17.313
50.3131	40.0168	43.5718	43.4083	44.9393	48.7212
1.1685	1.46974	1.27726	1.37514	1.6403	2.21419
11.236	11.9111	12.1859	13.7688	10.0234	18.5315
0.0695229	0.503994	0.404898	0.315338	0.336846	0.352192
7.61698	6.53972	6.10901	4.54402	5.15419	5.23205
25.4758	20.0925	25.0214	28.4333	30.1859	26.9823
0	0	0	0	0	0
0.112432	0.0201247	0.0909437	0	0	0.0227824
0.0874918	0.140739	0.203278	0.240069	0.462689	3.00E-08
35.938	29.8714	36.4411	28.6977	31.7349	26.2956
0	0	0	0	0	0
69.4128	140.688	170.624	156.558	94.941	169.262
1.20061	1.19001	1.53555	1.14205	0.897507	1.67323
0.228299	0.217944	0.0615556	0.165681	0.147484	0.154204
22.8099	21.4081	21.6427	27.8643	18.9271	17.7562
11.6964	9.88176	10.407	11.3743	7.07242	6.63621
24.3002	25.1789	26.0443	26.9974	28.0793	25.7237
0	0.107258	0	0.0271791	0	0

0.100314	0	0	0	0.311083	0.299551
7.55025	4.06634	8.64743	5.57633	4.71354	1.89549
2.53623	2.62649	2.7632	3.01035	2.22068	2.37008
3.85108	2.82278	2.58562	3.34822	2.44222	3.11634
42.8853	41.0058	44.406	43.0202	42.827	41.8885
0	0	0	0	0	0
0.28488	0.307794	0.326401	0.208198	0.288779	0.291044
0.850043	0.608614	1.37516	1.85067	0.658966	1.03348
0	0	0	0	0	0
0	0	0	0	0	0
0.748248	1.08589	1.10235	0.96478	0.939067	1.06582
0.497609	0.369002	0.546257	0.541685	0.7164	0.417733
0.916187	0.769506	0.826595	0.85669	0.628292	0.771162
24.7429	18.4212	20.8114	20.4245	24.7023	23.0312
1.10002	1.29722	0.994468	1.0331	0.953079	1.20629
0	0	0	0	0	0
9.84041	7.80794	8.81112	9.03329	11.7463	8.11487
0.22768	0.0959798	0.0849576	0.203009	0.398922	0.330124
23.5661	20.8308	20.7956	24.1362	17.6902	18.4752
2.93673	2.4501	2.79364	2.98628	2.54913	2.69878
3.59E-07	4.20E-08	1.88E-06	3.81E-07	1.19E-06	1.80E-06
27.9321	25.0651	22.5474	25.4786	29.7429	23.6363
33.074	26.6311	29.4091	30.5162	22.876	26.5891
1.68E-10	2.07E-06	0.257202	0.26258	1.39E-14	5.63E-32
5166.94	3306.36	4953.49	5160.61	3762.04	4969.94
0.252192	0	0	0.183021	0.195504	0.229963
46.449	45.3186	47.0953	52.4969	45.5723	48.8872
10.0823	8.58938	8.98123	6.57595	8.2117	6.46522
0	0	0	0	0	0
0	0	0.0266073	0.0238717	0.0764997	0.426587
215.304	222.706	211.965	210.634	213.261	181.24
4.32172	3.14672	4.44376	2.97688	2.89599	5.28404
16.6455	10.6196	13.171	13.775	14.2541	15.2679
2.37868	1.9957	1.83549	2.27703	2.19743	2.89216
0.435772	0.561608	1.2337	0.316247	0.337817	0.105962
11.4683	8.75237	15.8453	8.6397	8.78592	12.7839
0.0218987	0.0155442	2.99E-12	0.0157138	1.02E-12	1.04E-12
3.27236	1.99151	2.14237	2.2932	2.57642	2.33739
15.9235	12.4289	13.1022	13.3462	12.9552	11.4295
3.99645	4.53964	4.75309	4.27597	4.1955	5.75905
0	0	0	0.0263111	0	0
0.0720505	0	0	0	0.0279273	0
7.61908	6.58145	7.52036	7.57692	6.66784	8.05161



14.9304	10.3471	10.572	9.94113	9.36939	13.52
11.3495	10.6798	9.6169	11.7763	14.7724	17.3174
9.04642	7.94216	8.31931	9.73048	10.3524	8.59814
0.999085	0.605276	0.404717	0.613507	0.68514	0.778646
68.3159	74.7257	54.3771	58.6605	54.1612	67.4705
17.6266	11.974	14.988	14.785	14.4278	15.5197
0.415537	0.266249	0.318456	0.254026	0.254431	0.177629
0.358032	1.60215	0.941217	0.389746	0.277552	0.725493
11.9723	12.0126	14.0598	13.4912	13.3044	12.308
0.700058	0.194922	0.440427	0.310472	0.0904493	0.28371
12.1203	12.787	11.9723	12.2485	19.9039	10.2217
493.111	597.326	548.522	527.372	510.64	528.941
0	0	0	0	0	0
408.22	399.81	503.068	255.19	593.186	117.493
7.42694	5.78582	7.35949	6.97201	5.28426	6.14937
3.01535	2.33884	1.62604	1.36768	1.26617	2.34221
0	0	0.0765811	0.137416	0	0.0767377
1.31124	1.05262	0.964217	0.908339	0.508248	1.23999
0.332672	0.272972	0.59706	0.24256	0.283675	0.526436
2.61003	1.45346	4.92614	2.10461	2.47297	1.6454
0.732154	3.47186	0.68006	2.36424	0.95487	0.225201
0	0	0	0	0	0
0.546186	0.372538	0.420875	0.302591	0.323229	0.27528
3.43543	2.98679	2.58036	2.40412	2.18763	1.98895
90.735	77.5955	109.324	89.0906	109.634	70.1167
3.27769	3.56767	3.75842	3.43594	3.79975	3.7596
88.173	71.628	78.1351	91.1529	101.687	89.1204
3.24637	3.65895	3.98123	2.96393	2.72771	3.27638
0.23902	0.10268	0.212672	0.0867304	0.185292	0.23248
4.63658	3.48342	5.00737	3.68874	5.32153	3.9635
1.48046	2.40633	1.19246	1.9822	1.94204	1.23487
110.826	109.268	123.592	148.329	120.658	147.499
1.80489	1.92521	2.17501	1.89793	1.02797	1.6122
0.835721	1.19672	0	0.909746	0.323932	0.33869
0.702254	0.617716	0.568035	0.595	0.449232	0.353036
7.23775	7.93712	7.55893	9.06455	6.98392	7.15359
3.11358	1.9303	2.48797	2.30732	1.16499	1.96515
0	0	0	0	0	0
0.412317	0.404693	0.284599	0.413595	0.416896	0.344408
0	0.0712258	0	0	0.0257062	0.107509
0	0	0	0	0	0
0.769498	0.585272	0.577187	0.595175	0.649589	0.906493
50.1819	59.2149	60.3513	58.881	59.3986	49.6201

0	0	0	0	0	0
2.49636	4.42368	3.63466	4.48395	3.24148	2.02338
63.2266	68.3332	70.1726	70.0229	72.9514	62.2201
52.0658	68.3856	61.527	59.9479	65.0477	62.3623
10.0328	6.51678	8.39417	9.50777	9.35444	8.38339
10.4985	9.3204	8.58477	8.20163	6.93872	8.74871
13.1615	11.4241	12.3846	11.8944	13.4406	12.4079
0	0	0	0	0	0
0.668536	0.425475	0.60085	0.91643	0.115169	0.722495
0	0.0643085	0.0181631	0	0	0
0	0	17.674	0	0	35.4202
0	0	0	0.121038	0	0
0.103144	0	0	0	0	0
0	0	0	0	0	0
0.722696	0.676647	0.989279	1.49273	1.72383	1.53201
10.7557	7.92672	10.2058	9.40047	9.97088	9.87722
31.3099	28.0779	27.4859	30.8915	31.862	28.1786
1.35517	0.930794	1.266	0.618709	0.542532	0.996991
15.2623	15.1486	15.0497	14.5767	11.2578	13.5911
0.633142	0.690279	0.593612	0.438597	0.423891	0.361561
70.0557	84.2072	53.4054	57.777	60.9387	64.2091
0.712436	0.556375	0.419486	1.08026	0.85306	0.699724
19.0189	13.9241	15.2571	15.9933	17.4537	14.8134
9.39797	2.46359	4.41204	12.24	10.1913	22.4986
4.65392	4.67813	5.28544	4.86583	3.51296	4.12876
11.1869	11.9207	12.7757	14.1726	7.91464	10.3122
11.1134	11.6373	10.7309	11.1879	9.27392	13.5333
1.79401	1.40844	0.767053	1.12208	0.920996	1.01769
0	0	0	0	0	0
9.35077	9.54784	8.78893	9.49297	7.82607	7.55275
0	0	0.122706	0	0.117599	0
0	0.0244789	0.0829652	0	0	0
5.47549	3.7731	4.63695	4.82249	4.84253	4.8652
14.6386	11.9701	12.4978	14.9505	13.7897	13.583
0.601663	0.476821	0.540824	0.628966	0.456918	0.544074
20.352	18.338	24.7588	19.1959	21.4085	20.9993
0	0	0	0	0	0
16.3762	16.2115	16.7816	15.6295	17.716	17.1573
15.7006	23.4332	23.5788	25.9302	23.6267	26.6213
13.8532	12.7747	12.2029	12.7379	11.6388	12.3454
12.188	10.3864	10.2014	13.6822	9.09327	10.8311
5.66377	4.77928	5.25697	5.44508	9.55658	2.2589
0	0	0	0	0	0

4.451	4.26807	4.24324	5.36439	4.49795	3.9298
0.33291	0.20548	0.194999	0.158289	0.160186	0.297749
16.0344	12.9582	14.1591	14.8799	12.1311	14.9583
2.33273	1.73341	2.95064	2.13684	2.09578	2.61196
2.63736	1.91527	1.76076	2.16853	1.45161	2.39782
14.5384	17.8156	19.3305	21.4851	14.4158	17.0994
49.4708	41.1643	45.4838	43.8715	52.5821	45.5191
0	0	0	0	0	0
0	0	0	0	0	0
1.09214	0.794823	0.741191	0.69162	1.37109	0.873419
0.0656356	0.211431	0.115102	0.182608	0.0508863	0
59.2266	57.7115	63.8636	57.897	59.3764	61.0871
0.480484	0.65676	0.565314	0.665692	0.60951	1.30996
3.07086	2.29224	1.74405	1.75441	1.97537	2.06537
13.3476	13.6193	12.8307	16.7059	18.695	12.4911
15.5016	14.1581	15.7809	14.7473	17.4673	15.6441
6.29882	6.78507	5.8294	5.23008	4.22309	5.1514
6.52303	4.18065	8.32962	4.42388	4.37731	4.3334
5.28589	3.5945	4.29517	4.44914	4.58419	3.97138
34.7925	28.0285	33.2818	33.3008	30.9241	25.7529
0.997	0.897329	0.692512	0.737244	0.8182	1.12274
11.8816	12.518	14.9616	14.0537	12.1187	14.6324
17.0514	0	17.9564	0	16.6737	0
14.1283	17.0299	11.1098	11.1914	8.31197	14.0166
0.903525	0.18483	0.104406	0	0	0
27.6959	45.0748	43.4558	32.0461	11.4681	11.3595
0	0	0	0	0	0
1.51669	1.77177	1.4851	2.31725	1.23765	2.00575
0.622981	0.46703	0.6199	0.677956	0.157942	0.871344
33.0475	40.1118	46.2826	38.0038	42.3725	31.5049
21.6781	22.0114	26.4425	24.3236	16.8413	25.2824
0.832352	1.44181	1.1728	0.681995	0.874213	0.97933
0.131879	0.163651	0.02842	0.11514	0.136565	0.152606
1.89636	3.09267	2.72698	3.28764	2.69516	2.81795
0	0	0	0	0	0
5.10146	3.81858	3.6388	5.1158	2.69641	3.96575
12.1038	10.2955	11.7359	10.4668	10.9525	11.6784
0	0	0	0	0	0
0	0	0	0	0	0
0.0311711	0	0	0	0	0
0	0	0	0	0	0
27.2861	20.6733	25.6012	24.8244	25.2155	26.1924
8.92269	6.65086	8.25829	7.4402	8.49595	6.05102

8.06946	8.86299	10.2981	8.07491	8.68686	10.1026
0	0	0	0	0	0
25.9344	21.8556	20.0673	26.7393	26.6296	23.1377
10.0556	6.88169	6.84502	5.43996	7.55226	6.13924
0.234671	0.16802	0.189821	0.170305	0	0
0	0	0	0	0	0
14.7599	14.5728	17.5206	15.6501	12.077	20.496
0.60431	1.01558	0.530398	0.585354	0.731986	0.696624
0.0253864	0.0817927	0	0.0368467	0.0196799	0.082306
11.1599	9.33411	11.037	11.2574	7.90211	11.5742
0.0612465	0.0438513	0.0330273	0.0444477	0.0474792	0.0496423
0	0	0	0	0.024391	0
0.919877	0.478992	0.541142	0.788948	1.36138	0.881154
14.3879	13.2138	14.6965	13.5187	14.0857	14.2733
26.0399	18.903	29.2934	24.4881	26.7752	24.9366
75.3564	80.1978	75.3944	83.0302	67.71	67.3235
6.33948	16.4848	6.82665	13.6043	12.6931	11.8213
22.5112	24.3473	22.0025	25.3134	28.0573	23.1246
0.389014	0.0779401	0.246471	0.192002	0.129221	0.183821
0	0	2.47856	0	0	0
1.64931	2.13362	2.6985	1.8226	2.46996	3.31167
1.80252	1.00377	0.324004	5.08712	0.931559	0
51.5828	44.3711	44.0785	37.8491	45.5652	45.9554
0	0	0	0	0	0
5.11485	4.14085	4.08322	3.66342	3.57638	3.54964
0.524099	0.403909	0.394766	0.497884	0.391422	0.586023
0.0383465	0.0274553	0.175186	0	0	0.0884219
0	0.0310903	0	0	0	0
0.474031	0.0925628	0.13943	0	0	0.0698578
0	0	0	0	0	0.00673375
0	0	0	0	0	0
0.052997	0.189724	0.0857363	0	0	0.128867
2.7814	2.0701	1.28891	4.01898	1.37889	1.38586
9.68435	7.8564	8.7343	8.63979	8.44484	9.18841
6.32394	8.18185	5.02556	6.06552	3.69831	5.27564
4.26788	3.05572	5.10528	3.90888	5.4411	4.46999
2.03614	3.11635	2.27244	1.47766	1.45894	1.1065
79.4076	68.8658	80.3367	86.4538	91.1768	89.7752
11.2204	9.24727	10.3871	10.8259	8.64685	10.3921
2.76834	2.67754	2.59282	3.48938	2.56021	2.75558
25.0196	25.7925	26.7894	24.0506	27.2031	24.5069
8.79753	8.95146	10.7598	10.3621	8.87145	10.7723
0.0570533	0.285943	0.0461492	0.248427	0.0442286	0.184974

5.04814	3.85447	0.881653	2.21943	1.42658	0.935069
10.3732	9.29111	8.165	9.83275	8.83718	9.40528
95.3455	118.05	98.6993	101.642	103.855	79.4734
0	0	0	0	0	0
3.05967	2.36838	2.30501	2.27589	1.72066	2.68503
26.4526	28.031	26.4036	26.2454	26.579	23.9287
72.4985	75.6446	83.0981	82.2781	85.4883	77.5292
0	0	0	0	0	0
4.74368	4.02987	4.34734	4.51295	4.37061	4.25839
4.43543	4.7391	5.24361	5.29876	4.44349	3.65037
0.0045991	0.00592716	0	0	0.0115448	0
2.08078	1.08016	2.77959	1.38748	1.92807	2.31652
16.8841	13.9932	14.7896	18.8884	12.4672	16.5378
175.165	185.801	176.731	179.44	203.482	167.009
0.369297	0.293789	0.564243	0.268006	1.0179	0.465621
0.822768	0.8938	0.622566	0.595054	0.637852	0.497889
2.72293	2.29852	2.07163	2.23728	2.76202	3.51392
31.4179	29.7766	29.6342	29.2524	33.9631	21.8819
1.29268	1.18997	1.38171	0.268034	0.715788	0.598719
11.6651	9.31881	12.318	12.4126	12.0379	12.86
7.96872	6.74458	9.55551	8.37171	7.3883	8.63631
16.9742	18.3658	19.9903	24.269	21.4367	22.4368
69.4537	72.1215	71.5035	62.7224	46.4442	65.9896
1.41838	0.823202	0.836961	0.818831	1.15709	1.02964
0.018419	0.0131876	0.0148987	0.0713053	0.0571227	0.0597252
47.1609	37.4854	40.9907	43.5105	47.8399	41.904
18.258	14.5602	16.1047	17.3283	15.4333	17.4793
3.30169	3.03933	3.89695	3.27626	4.17875	4.39639
0	0	0.2604	0	0	0.130466
3.19325	4.26586	2.07061	2.39192	1.76575	2.12151
0.219657	0.12357	0.203059	0.102477	0.218934	0.101737
38.7395	46.548	17.1013	6.72356	8.44048	5.5445
0	0	0	0	0	0
59.2272	51.4837	59.8636	39.7478	130.511	17.9097
0.32572	0.295398	0.298597	0.378209	0.505006	0.0704018
9.09518	7.76428	8.81523	7.96751	8.01029	8.0917
2.34846	1.65628	2.47985	3.42217	3.01182	2.15437
0.216599	0.128343	0.2477	0.238495	0.156331	0.351122
2.28924	2.04367	2.12289	2.24525	2.1979	2.85701
2.49095	3.67083	2.6213	2.57996	1.91227	2.0974
0	0	0	0	0	0
18.055	20.0768	12.6589	12.521	8.99775	15.4676
23.9183	23.1067	22.1593	24.5983	27.2915	19.8024

0.232373	0.138646	0.156635	0.196744	0.150116	0.282519
12.4341	10.3863	4.84046	9.3938	23.5436	21.3284
2.50612	1.34257	1.70331	1.69254	1.87355	1.41928
36.8214	37.9553	39.9244	37.1252	38.5678	39.5959
1391.1	814.909	1278.67	871.88	882.328	1537.54
0	0	0	0	0	0
0.369568	0.496131	0.186835	0.569929	0.214871	0.599094
0.0494129	0	0	0	0	0
25.1767	24.0201	27.8065	23.3676	20.8724	25.4274
0.244518	0.0583568	0.17581	0.266177	0.115839	0.308296
0.828086	2.81625	0.502367	0.751197	0.962918	0.83899
0	0	0	0	0	0
0.378141	0.360989	0.101957	0.182949	0	0.204331
1.75015	2.06663	1.85409	2.75823	1.65036	3.58873
0.982301	1.18156	0.900505	0.836438	0.883334	1.40129
0.835833	0.719522	0.732414	0.758185	0.609398	0.911302
91.6682	128.185	121.306	107.934	62.4155	86.0571
3.94268	2.4634	3.06606	3.484	2.62046	3.44873
18.9007	14.4743	19.0697	17.4198	20.5252	17.8633
4.30764	4.16657	4.79873	4.92252	5.02356	4.62488
0	0	0	0	0	0
4.19515	3.40614	4.07204	4.3658	4.91724	5.89613
53.5231	58.3083	61.8734	57.9847	62.8767	66.3055
0	0	0	0	0	0
0.80549	0.865073	0	0.14614	0.624428	0.816096
39.3653	46.9796	45.6394	37.7153	53.0042	53.8626
54.6324	51.5386	68.3094	57.8832	64.9817	63.0327
10.8075	8.69996	11.3645	11.1924	11.5709	11.1037
22.6025	24.3384	34.5591	34.9915	31.1427	30.2486
6.64297	9.05437	8.26554	6.86947	8.46132	7.68757
4.63651	3.33753	3.20506	3.62456	3.68465	2.66854
21.3898	14.8198	19.6252	20.8462	20.2596	20.1914
0.0320356	0	0.116612	0	0.0248345	0
0.0279271	0.0799812	0.609922	0.202672	0.108248	0.0905435
0.90304	0.812797	0.674969	1.0421	0.445398	0.951483
4.33449	1.45788	1.71227	1.96052	1.65664	2.74524
1.52842	0.650676	1.23631	0.689504	0.608439	0.401784
24.0543	25.6893	20.1093	24.1208	17.7792	17.7904
1.11913	0.356123	0.804661	0.902416	2.60271	1.7134
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
10.6139	13.0983	10.9728	11.1908	9.44836	10.5966

35.1134	37.9952	42.7966	44.6615	46.9276	43.0129
3.01659	2.69838	2.89638	2.78625	3.54117	3.55008
1.38161	0.536999	0.606674	0.458359	0.612027	0.0959866
58.2525	39.9806	45.3379	55.4377	54.6303	39.3573
2.88711	2.67665	2.96407	2.61904	2.79767	3.01513
0	0	0	0	0	0
21.4174	18.0441	20.5561	21.9149	20.0942	20.1456
2.21783	2.64654	1.19597	1.78835	1.52826	1.39815
0.0203438	0.0291316	0.0329114	0.0295278	0	0
0.200334	0.286871	0.405116	0.181733	0.116477	0.162378
0	0.0306751	0	0.0621846	0	0
0	0	0	0	0	0
11.5053	11.0911	12.2564	12.3606	10.8136	11.4079
0	22.0912	35.451	10.6869	0	17.9038
13.8656	13.1055	14.3534	14.8957	14.5054	13.829
1.34646	1.219	1.20225	0.83891	1.03407	1.01626
0	0	0.0383201	0.0171902	0	0.0383985
25.8753	22.3738	23.1764	25.6602	27.5154	26.097
0	0.09711	0.21942	0.137803	0.147202	0.197882
59.5922	58.9333	62.947	56.9053	56.8614	60.2749
23.4182	20.5472	21.87	21.9676	21.4576	21.2984
17.3711	16.026	17.1496	17.1935	12.0207	15.7477
4.57097	3.05584	2.93124	3.7207	2.22556	5.13064
0.219571	0.157209	0.142086	0.191216	0	0.106782
0.387661	0.13658	0.137136	0.280848	0.131428	0.0343375
8.88604	6.36222	8.12271	7.06042	7.46731	7.22194
4.4113	5.45201	4.8001	3.75398	4.09144	3.61807
0.0526191	0.0376743	0.0425625	0.152746	0.0407911	0.0852991
1.38461	1.1728	1.63335	0.956709	1.29955	1.47259
20.7086	7.9349	19.1301	18.0231	18.9558	23.1263
0.409135	1.65995	1.13071	1.11344	1.6387	1.3541
22.1728	22.1312	23.1788	25.6368	23.4523	20.7894
0.534547	0.326025	0.496441	0.632183	0.383694	0.481409
0	0	0.0051329	0	0	0.0025717
3.2832	3.0481	3.15672	4.4593	3.92516	5.27789
2.24672	2.81492	3.13316	2.79698	2.89767	2.40181
8.05725	8.77783	9.24012	8.38727	8.97488	9.94246
0.270469	0.348571	0.481309	0.314055	0.272573	0.306914
30.1166	36.2497	30.3189	21.8561	28.1897	17.8355
14.6449	15.2596	11.4578	14.0078	16.3757	6.42607
21.1519	21.8116	22.651	21.9152	21.3989	20.5408
24.3838	21.7176	25.8046	26.8995	32.8137	26.9038
85.4124	79.0161	72.2676	82.8235	85.5897	95.1549

0	0	0	0	0	0
13.9539	13.0642	15.7366	13.7506	15.0947	15.1195
99.4434	97.8082	108.883	109.724	105.884	95.4734
143.569	132.305	158.811	157.174	164.936	148.106
232.95	204.273	171.874	228.173	228.235	192.319
25.011	20.4531	22.3985	22.6633	23.0549	19.094
0	0	0	0	0	0
10.0247	9.62186	7.46535	9.40204	9.47408	7.87845
0	0	0	0.0727188	0.349555	0.0812175
23.0422	23.3271	21.9031	23.5175	21.9162	27.1406
1.99221	0.9077	1.61146	3.023	2.10599	2.49553
70.6123	69.174	76.4318	76.3178	76.1509	74.5864
0.108448	0.0776469	0.350889	0.354166	0.378322	0.803676
0	0.0461267	0	0	0.0499429	0.0522183
0.17804	0.203958	0.288026	0.103366	0.0552078	0.0577231
0.62504	0.703241	0.288904	0.518404	0.276881	0.144748
0.0480926	0.0344334	0.0389011	0.0698033	0.0372821	0
71.3039	80.4494	77.8452	76.1721	70.9348	64.1816
1.40919	1.49149	2.37884	1.55624	2.18485	1.19185
0	0	0	0	0	0
0	0	0	0	0	0
20.5666	16.4165	17.6821	19.9355	22.0101	19.1701
0.763166	0.546413	0.658464	0.701535	0.236647	0.824763
13.459	14.3735	12.7928	14.2072	11.4524	14.0678
13.7566	14.2356	17.16	16.2958	14.4831	14.1933
29.5917	22.9589	30.8111	27.9203	26.1268	30.4008
0	0.0582717	0	0	0.126185	0.0659671
0.0279483	0.0200536	0.045192	0.060805	0	0.0452816
0.112411	0.053656	0.0606179	0.19035	0.0580951	0.212597
4.38442	7.04885	3.86888	3.73145	2.37921	5.26597
7.74339	4.09081	7.69252	8.2656	7.41608	6.79423
0.556182	0.275486	0.335442	0.572182	0.102201	0.256457
18.8328	15.2034	19.725	17.1788	23.6142	21.3165
0.124453	0	0.0755001	0	0.0723579	0
6.7772	5.22293	5.83519	6.11564	6.57037	7.00081
10.6066	9.01166	6.86354	8.27895	4.38526	5.76959
20.2157	21.0313	22.1792	25.8969	23.0743	24.6235
3.19903	3.31405	5.90804	4.00629	5.85967	8.1
0	0.109227	0	0.0553563	0	0
0.796915	0.494378	0.947966	0.581541	0.5892	0.863984
19.0295	13.6248	15.3926	13.8101	0	15.4241
0	0	0	0	0	0
0.333393	0.793521	1.52523	0.684907	0.344281	0.630475



81.0666	111.556	88.2089	93.0208	104.137	42.7762
10.7885	7.72897	10.1889	10.3161	8.77673	10.2996
8.50736	8.85365	8.63334	8.12441	8.61059	7.18149
0.0175289	0.0041834	10.9291	0	0	0.00947182
0.227957	0.160884	0.136317	0.411286	0.308362	0.137767
4.24E-07	0.35903	0.268444	5.14E-06	0.258926	1.35033
0	0	0	0	0	0
14.9953	14.9475	17.3581	13.7351	14.0173	14.7267
3.24404	2.28144	2.98116	1.96421	2.02377	2.90946
0.116264	0.0832426	0.0940434	0.0421874	0.135194	0.141354
1.88486	2.68428	2.19157	1.99712	1.81999	2.13516
86.3468	109.707	91.0009	98.4001	93.1511	72.1338
0	0	0.0312123	0.08401	0	0.0312761
0	0	0	0	0	0
4.41965	3.28532	3.22582	2.6422	3.33161	3.43777
0.363959	0.260589	0.306619	0.165615	0.145654	0.112169
140.229	113.586	131.184	164.689	188.512	127.555
5.63543	4.2722	5.1617	6.01431	4.11169	5.23942
19.7869	21.2727	23.3806	22.5298	23.6898	20.8895
16.8292	13.7702	15.6753	14.539	14.9384	14.3992
8.67234	9.26928	9.23014	7.85956	6.72293	9.11445
0	0	0	0	0	0
0	0.0406917	0	0	0	0
0	0	0	0	0	0.0405669
14.7249	7.34493	13.8299	9.41997	23.2086	6.22204
17.7447	17.1621	21.11	20.2885	26.2373	14.7942
0	0	0	0	0	0
1.50187	0.901871	1.01889	0.949295	1.50228	0.981704
0.562432	0.402691	0.111414	1.11066	0.720745	0.279104
6.84047	5.01227	5.53312	5.43955	5.0659	5.82755
3.30514	2.40354	3.22403	2.91459	2.96966	3.02315
6.82578	4.8309	6.54491	6.24062	7.78449	7.50742
0	0	0	0	0	0
0.644248	0.415142	0.26056	0.514297	0.149829	0.261092
38.5285	35.4372	40.0691	39.7917	41.2679	37.3246
2.70976	1.6078	1.6642	1.77533	1.63384	1.71844
0	0	0	0	0	0
0.812823	1.03191	0.437735	0.930158	0.517813	1.02715
52.4452	57.5299	56.3656	64.0522	52.0703	62.7602
10.5694	7.00714	4.92519	7.86856	7.99385	8.36806
0.387432	0.292695	0.175669	0.327712	0.217676	0.296714
1.63779	1.31921	1.65597	1.04001	1.58705	2.48904
0	0	0	0	0	0

0	0	0	0	0	0.0288615
14.4875	16.8751	14.5871	16.1865	14.679	8.36846
0	0.201804	0	0	0.145667	0
18.9635	19.3336	18.5561	18.6675	22.2563	24.4047
0.283373	0.102938	0.148763	0.084702	0.0859151	0.292138
16.0496	16.5016	17.4914	15.82	14.9931	13.8788
8.33728	8.36328	8.18395	8.54005	6.49689	7.42637
10.0393	7.46905	9.59722	9.66391	9.94658	10.4461
0	0	0	0	0	0
0.0933555	0.0668408	0.0755134	0.0677498	0	0
10.6988	8.61217	9.23319	9.94664	9.84799	10.6283
5.11171	3.91642	4.07679	3.65766	4.70336	4.99509
14.0903	12.4774	14.243	13.1866	13.2285	12.185
20.0871	18.1059	17.6988	21.3458	18.6306	16.1359
0.191812	0.274667	0.387882	0.0696007	0.223043	0
1.94254	1.87226	2.23605	1.78928	1.41901	2.18007
1.06509	0.739473	0.965955	1.05403	1.25102	1.15105
7.84194	6.64204	7.23393	6.78081	6.41549	9.08795
3.01718	1.4153	1.3293	1.77053	0.969003	2.22819
15.6335	16.8947	15.554	16.113	15.2462	19.1181
0.544963	0.546257	0.60244	0.725065	0.535121	0.471159
17.4551	21.6198	17.5627	17.857	17.9963	20.7132
10.0368	9.38848	8.93894	9.66888	7.85015	7.65972
0.0968684	0.0231186	0.0522366	0.164031	0.0250313	0.15703
217.37	208.58	220.161	212.248	262.391	199.033
0.677742	1.05677	1.0859	1.33909	1.0407	3.55031
0	0	7.14312	0	0	0
36.5976	29.5162	28.6979	35.2344	27.456	27.1492
0	0	0	0	0	0
0.861315	1.40156	0.760037	0.397773	0.364203	0.126932
0	0	0	0	0	0
9.04065	8.3363	8.03295	9.54316	8.14108	7.23519
17.8547	15.2844	15.8178	17.7103	14.251	14.5836
0.240288	0.344083	0.437319	0.435954	0.791669	0.0486904
16.925	15.6205	18.0949	17.1545	14.726	15.8889
1.98178	1.88413	1.43659	1.17886	1.36001	1.3693
0	0	0	0	0	0
7.43128	7.44444	6.41511	5.18907	5.93028	6.14984
0.938699	1.06744	0.669966	0.641159	0.0428055	0.179023
0	0	0	0	0	0
0.131565	0.109898	0.0886839	0.175046	0.152987	0.391007
0.0346965	0	0	0	0	0.0281227
41.5654	66.8044	32.7648	46.9626	42.2787	254.506

1.71957	2.7086	2.68913	2.87023	2.48834	3.39151
13.4428	11.8402	10.6067	12.295	12.5692	11.5747
6.70004	5.1515	6.17739	6.35053	6.79737	6.47659
0	0	0	0	0	0
7.96461	7.77832	8.22149	11.2215	6.58763	7.482
0.254807	0.273656	0.103054	0.0924592	0	0.309795
0.883275	0.860802	0.694535	0.337481	0.577114	0.529652
2.60946	1.87026	2.31622	2.894	2.45205	2.70529
0	0	0	0	0	0
7.86023	5.46181	6.45276	6.39957	6.06941	6.2565
17.4723	17.1137	16.922	16.0512	14.4905	16.7623
3.39841	3.22584	2.95388	2.91712	2.51045	3.42352
0.471909	0.513575	0.503868	0.328774	0.263399	0.611997
3.63419	2.5559	3.40825	3.74062	3.60156	3.59898
3.61E-14	0.135722	0.500796	0.65212	1.08E-06	0.217688
0.064438	0	0	0	0	0
29.005	22.5067	27.0954	27.2486	27.8808	26.9389
31.5131	40.9354	32.8253	32.2042	40.2837	34.6648
30.0048	25.6655	23.9714	28.83	27.0017	31.4626
11.6682	9.97996	10.0019	11.1109	9.84706	11.6077
0	0	0	0	0	0
19.2995	18.4031	18.502	20.4538	11.5594	15.3618
18.0766	15.5849	15.9215	17.3143	17.1348	17.6616
0	0	0	0	0	0
13.1711	12.4568	7.45046	10.2689	7.41635	9.55754
5.74122	0.54508	6.20096	1.19152	5.29258	0.627897
6.69029	6.7621	8.8292	7.25865	7.64532	7.53538
6.83065	8.25261	5.43425	5.55023	4.67627	7.36754
2.50716	2.10906	2.02346	2.1164	1.9929	3.12805
53.6716	68.487	90.8797	78.5934	83.1217	76.9997
6.39247	5.87481	5.86532	5.19306	5.10347	4.79465
26.8196	33.6482	36.3467	47.1948	34.941	34.3802
0.413503	0.555113	0.627139	0.412619	0.300519	0.377053
7.52471	7.68778	8.19153	8.45289	5.63883	7.36967
2.21999	1.8085	1.95141	1.47175	1.7499	2.03395
0.0558273	0.0799426	0	0.0405149	0	0.0301666
60.6591	65.547	58.9218	64.7655	64.0771	51.7821
105.765	63.5952	199.551	218.407	434.831	471.288
0.0476189	0.0170471	0.019259	0.0345579	0	0.0192983
10.806	10.0736	10.8554	9.5002	9.20529	10.1339
6.28767	4.21429	6.0942	5.25658	6.10898	8.10479
2.02351	1.77313	1.47987	1.7037	1.50537	1.98933
0.731157	2.08439	0.39529	1.47118	1.47723	1.24879

0	0	0	0	0	0
30.1955	22.7788	27.391	28.2271	33.4137	27.7944
0	0	0	0	0	0
16.839	14.712	14.8526	16.3836	17.8844	15.1918
7.01185	6.52311	7.89424	6.99613	5.85366	6.20221
1.15916	1.11484	0.839662	0.753336	0.61695	0.841379
0	0	0	0	0	0
18.882	10.9615	23.3456	35.5674	27.6488	29.5212
0.663858	0.740387	0.538846	0.428244	0.459494	0.298933
12.5558	10.5652	7.82649	10.4741	5.34336	7.58021
2.24685	1.8081	2.0876	0.932749	1.57234	2.67414
6.38925	6.0419	4.9081	6.73647	4.76614	5.04842
8.4252	8.83799	10.2791	10.2989	10.8928	10.0278
51.2467	59.7589	39.5535	53.7291	33.9716	36.1536
3.53954	2.72242	2.6117	3.05067	2.32453	2.7679
16.8998	16.7946	16.0516	17.2744	11.4514	14.9613
58.3843	55.632	65.5778	60.9453	64.3922	62.0364
14.4645	11.7421	12.5419	13.9684	10.5565	13.7896
0	0	0	0	0	0
0.284627	0.226431	0.25581	0.137706	0.563877	0.205067
5.45163	3.85547	3.97774	1.87321	3.27745	2.34463
1.15901	2.81551	1.77631	3.33261	2.42879	2.03298
28.4225	25.1245	27.7318	20.8456	47.1941	11.5749
4.73118	2.45081	3.43248	3.8467	2.78643	3.54081
0.207022	0	0	0	0	0.167798
0	0	0	0	0	0
0	0	0.0433665	0	0	0.173821
14.1039	14.0197	15.1327	16.322	14.3171	16.0654
0.868904	1.2837	2.00309	1.05102	0.935298	1.06544
8.42263	8.04791	8.25806	7.35717	6.31566	7.64604
57.5245	59.5255	59.9975	65.3694	66.4082	61.3601
0.219473	0.104759	0.295879	0.0530918	0.113426	0.17789
0.282492	0	0	0.102505	0	0
3.9103	3.16568	3.55575	4.11756	3.74458	4.57807
37.9851	41.5372	40.0925	38.7099	34.7312	37.2737
6.12592	5.62662	5.38857	5.92572	7.40669	4.79965
0	0	0	0	0.0265562	0
0	0	0	0	0	0
24.6376	34.4116	43.7821	18.7602	4.81893	7.31194
0	0	0	0	0	0
4.18172	4.90299	5.54721	4.982	4.86416	5.23217
8.69876	4.48563	5.69821	4.69151	5.3284	5.98726
0.347087	0.372761	0.140376	0.125944	0.134534	0.281326

63.2843	57.9298	58.54	60.175	53.31	58.1862
0	0	0	0	0	0
6.95319	4.28036	5.56631	3.9328	3.83428	5.74038
5.14623	5.45848	5.22128	5.56683	6.12607	6.9228
0.761123	0.877974	1.0432	1.07403	0.917831	0.736872
15.8072	11.7105	20.2042	15.8706	17.4391	10.4616
3.385	4.04309	2.99878	2.93306	2.52165	3.30085
63.0619	55.9036	61.6276	45.9327	41.0627	47.9593
3.36158	2.92029	2.46533	2.11429	1.7373	2.36139
1.55295	0.942009	1.09913	1.29918	0.551772	0.629357
7.75128	7.40366	7.0824	6.89064	6.04968	4.89487
85.3074	61.7631	63.4235	58.8855	87.5225	23.6387
0	0	0	0	0	0
2.43096	2.71348	2.50374	2.36687	1.8494	2.33753
17.68	15.8055	18.9103	19.4115	18.8095	17.8995
2.35928	0.527875	1.7891	1.07011	1.2574	0.836621
0	0	0	0	0	0.0825635
0	0	0.0185584	0	0	0
0.790453	0.38947	0.330003	0.277571	0.395336	0.358234
16.4522	12.2024	14.4759	15.9569	17.7773	17.0997
30.2261	34.6663	33.2781	34.8532	30.0707	33.6184
22.7384	15.935	18.5227	21.1683	25.2568	22.542
0	0	0	0	0	0
27.3879	26.5955	15.6497	44.4067	25.7152	15.974
0	0	0	0	0	0
3.36457	3.15621	2.69026	2.94679	2.60827	3.29118
0	0	0	0	0	0
0	0	0	0	0	0
39.1028	36.5047	37.4331	39.8991	31.3604	39.1539
12.902	10.0204	12.3819	11.1089	10.1713	11.1665
0	0.0672681	0.0759962	0.0681829	0.0728333	0
0	0	0	0	0	0
12.4933	12.4333	14.5249	13.7812	13.3733	12.6982
12.9335	10.5434	13.1881	12.7538	12.964	12.455
0	0	0	0	0	0
25.9456	20.5043	15.5868	19.8256	21.8748	18.4141
0.155173	0.133294	0.116116	0.177293	0.138314	0.176025
0.081501	0	0	0	0	0.0660593
0	0	0	0	0	0
0.230257	0	0	0.0403067	0.0594996	0.249368
0.129817	0.0929462	0	0	0	0
0	0	0	0.0426918	0	0
12.2865	13.3653	4.47864	7.38581	3.55643	3.5475

0	0	0	0	0	0
11.1977	8.69154	13.348	12.8234	12.7581	18.7647
16.0474	11.2343	13.8556	12.6178	10.1637	11.5121
30.4275	24.9317	30.4665	35.0253	30.5726	30.5887
18.4617	16.4042	14.3207	18.4824	18.1283	16.1917
3.5006	2.96969	4.16602	6.118	3.83999	4.43253
2.32521	2.16689	1.70169	2.67849	1.65948	1.61542
10.6669	9.38476	10.3476	11.3369	9.89633	10.4883
0.175752	0.0904669	0.112159	0.0828024	0.136245	0.0924796
18.9394	17.99	23.0817	23.4576	23.883	22.4125
0.0494791	0.0354261	0.0400227	0	0	0
5.6498	4.12659	4.55467	3.67364	5.49678	6.16211
8.75092	9.77044	9.95186	12.7957	12.1572	11.1661
0.195885	0.42075	0.237671	0.355393	0.455559	0.476314
13.374	10.8463	11.776	12.5833	12.0166	11.0666
0	0	0	0	0	0
0.0961559	0.48192	0.466671	0.697821	0.372708	0.233813
54.6267	59.4433	62.1744	59.7883	52.425	52.2359
0	0	0	0	0	0
0.584964	0.227867	0.175645	0.942488	0.552243	0.888315
31.4967	36.9516	32.2614	33.5695	33.8507	41.17
30.1188	27.2455	30.977	29.9075	32.1984	28.0216
10.3469	5.77613	7.34806	10.147	7.16352	8.75782
8.16425	5.67582	7.22301	7.00942	7.10606	7.63659
0	0	0	0	0	0
0.980391	1.06934	1.11764	0.788098	0.683697	1.23447
0	0	0	0	0	0
14.7116	19.4914	15.3682	15.122	13.5794	12.0087
3.96722	3.72566	6.39751	3.59429	2.92452	4.3577
0	0	0	0.0317698	0	0
16.7648	12.978	23.3476	12.4773	14.2888	15.0927
0.0585384	0.038358	0.0473505	0	0.0453789	0.0474473
16.4794	17.1494	12.9675	16.0241	11.5935	15.0742
43.915	43.0806	43.5814	45.8669	40.9269	39.8243
3.17569	3.04399	3.03209	2.93416	2.77124	3.58678
0.347681	0.145682	3.13E-06	1.29E-06	0.0285763	0.0447459
17.2166	13.7735	14.505	14.3884	16.308	15.2512
0.758941	0.886579	0.969303	0.87931	0.712204	1.74831
2.65544	3.20083	2.31106	2.41497	1.19864	2.34303
9.13614	6.73338	7.01632	7.34412	8.31873	7.52595
0.367665	0.230336	0.27881	0.150087	0.160324	0.204878
5.25309	4.38742	6.18538	4.62	4.74718	6.52536
7.58263	8.44901	7.03265	8.05627	5.1475	7.93564

10.883	9.05162	9.34716	9.24773	9.87401	10.219
0	0.0569077	0.0642914	0.115363	0.0616157	0.193269
18.7943	23.4062	22.542	23.0931	24.0322	21.903
31.6747	30.9782	28.2971	29.1205	22.2105	27.3075
23.3228	24.73	27.0404	21.9229	23.3321	20.1642
0.398284	0.177016	0.137092	0.168482	0.131387	0.0130675
0.731209	0.822693	0.929438	0.530652	0.647823	0.423336
1.302	0.377081	0.717144	1.00518	0.172547	0.337164
4.23306	5.90207	4.235	4.2038	2.7634	4.15337
0.434587	0.35005	0.175764	0.236541	0.0421123	0.176124
6.48331	2.70618	5.38103	3.91053	5.52819	5.78146
0	0	0	0	0	0
0	0	0	0	0	0
4.36357	3.66121	4.56366	3.90892	3.25057	3.13616
2.65866	0.859668	2.21991	1.36928	1.92807	4.10133
0	0.0714506	0	0	0	0.0808864
0	112.911	0	0	0	0
1.07213	0.62141	0.825927	0.741013	0.791553	0.413808
4.61484	3.45357	3.86416	3.14712	3.07413	2.65029
0	0	0.250317	0.224582	0	0.501657
24.8647	22.1351	24.8685	25.4298	21.575	20.7843
19.1727	15.0035	18.5444	17.492	15.5586	18.0044
0	0	0	0	0	0
397.043	708.95	484.127	567.715	442.015	770.68
5.42454	4.98987	4.96901	5.05773	5.01285	4.25119
9.28714	6.71127	7.58789	7.61759	8.86827	9.13225
18.7737	16.6865	13.6308	15.3962	14.7603	11.748
5.43135	4.28699	3.81106	3.65669	5.35186	4.48185
0	0	0	0	0	0
481.689	335.674	332.893	421.108	689.654	176.089
0.131139	0.0938933	0.053038	0.237925	0	0.106293
27.9701	28.1857	34.6618	23.3643	30.7174	30.6908
0	0	0	0	0	0
19.3788	15.2466	17.876	17.8796	18.81	17.6403
0	0	0	0	0	0
20.1535	16.9047	20.0197	19.8716	18.2728	18.2774
40.1584	33.9349	40.162	45.5907	36.6155	51.7535
5.58222	4.21185	5.13538	4.73481	4.45078	5.63812
20.0088	29.0374	21.2652	17.7766	16.485	20.6541
11.3834	8.35096	10.4776	13.2606	10.7047	11.5074
14.1693	9.63869	11.2633	8.64477	14.4419	9.91962
0.224007	0.142564	0.25166	0	0.241186	0.0403475
0	0.0586924	0	0	0	0.0664434

48.2536	45.5863	47.7275	46.4529	42.2746	38.5514
7.43995	7.09512	8.04068	11.1347	7.92143	13.2117
10.6919	8.36521	7.50337	8.35606	7.47513	8.57537
0	0	0	0	0	0
2.74812	2.01538	3.06175	2.59549	2.52479	2.41988
1.92958	2.00952	2.75268	2.57152	2.28456	2.81518
67.5773	63.1839	62.5935	72.7618	78.4778	57.1367
0	0.199585	0.225481	0.10115	0.108049	0.225942
29.0019	30.3023	33.0546	29.1072	34.4908	28.7082
35.0056	35.3669	39.4215	35.5109	33.3118	43.2718
2.33037	2.54267	1.54071	1.58867	2.78072	2.60976
0.255587	0.0914976	0.310108	0	0.0990674	0.103581
0	0	0	0	0	0
7.78636	6.47748	6.85807	5.29192	7.01338	6.49142
2.89506	1.22148	1.88177	2.13852	2.04391	3.1846
191.666	257.536	257.113	197.678	168.425	174.292
55.5664	45.9851	52.5889	52.12	50.7056	55.4539
4.51274	7.95005	4.22662	3.89263	2.94598	4.84489
0	0	0	0	0	0
26.0105	25.8276	19.473	20.3093	18.6625	21.698
0.397192	0.00014514	0.147004	0.41537	0.357141	0.250793
0.0675332	0.0241762	0.072835	0.0980201	0.157058	0.018246
0	0.0588559	0	0	0.0318626	0
0.015069	0.0323674	0.0426616	0.0218717	0.0116817	0.0305349
0.824283	0.942003	0.807788	0.621204	0.761881	0.835136
19.9863	23.5699	24.8232	23.0153	31.5712	23.6575
1.52436	1.59223	1.72784	0.73939	1.43563	1.69483
0	0	0	0	0	0
0	0.0706879	0.0798597	0.0716492	0.076536	0
22.1346	20.7881	22.7647	22.1392	21.5212	21.3859
2.43851	2.24713	3.30696	3.29054	3.15354	3.10369
69.2757	56.6824	80.2375	81.7187	59.3469	77.5574
11.7787	10.7627	11.4165	12.3641	12.9486	12.5483
4.24912	3.79657	3.52224	4.23048	3.6751	3.70022
19.1333	16.4389	17.83	17.4887	20.8635	14.7392
51.0668	28.1574	41.2089	69.8197	47.2946	61.9699
0	0	0	0	34.3296	0.314856
0	0	0	0	0	0
94.7439	132.534	95.0569	85.4279	156.003	70.5912
8.41215	7.45363	8.38084	10.4015	9.14122	9.24056
1.27963	1.89258	2.16953	1.37134	1.5114	1.58005
1.57418	1.37734	1.34031	1.39864	1.01167	0.973859
0.381807	0.338919	0.254091	0.197888	0.375796	0.272837



21.7161	17.3423	21.7082	15.4248	16.9198	18.1361
6.01429	6.09015	4.3306	5.3822	5.86769	6.04655
7.31898	5.64632	6.53185	6.1151	5.82034	5.93228
59.8563	50.0361	49.0527	52.1722	57.2854	53.6476
65.8085	64.417	62.1009	71.9292	51.6757	67.9893
0	0	0	0	0.0236547	0
0	0	0	0	0	0
0	0	0	0.0244829	0.0261527	0
0	0	0	0	0	0
0.0562159	0	0	0.0407969	0.0217897	0.0455649
15.1107	12.0471	11.9585	12.5468	10.5954	13.2849
8.5245	4.13779	26.9001	17.498	14.2486	2.75224
0.776169	0.0926203	0.627827	0.4694	0.501415	0.524259
37.5769	43.4804	42.6045	36.9261	34.0809	34.149
0.272889	0.174522	0.150892	0.115523	0.118513	0.174184
12.079	10.33	11.8814	11.9585	10.5488	12.3892
0	0	0	0	0	0
0.449156	0.227055	0.277766	0.258885	0.204908	0.299744
0	0	0.082395	0.295696	0	0.165127
8.24491	5.58075	8.14027	7.60505	9.38595	8.74657
0.338354	0.138431	0.449629	0.0876962	0.187355	0.41137
0.781972	0.979785	0.421681	0.756655	0.70723	0.633815
0.0713534	0.0843188	0.102611	0.138095	0.110634	0.195207
11.8401	9.43834	9.69044	10.6442	7.37766	8.43977
29.9956	26.4651	29.8989	24.975	30.2355	20.8687
8.10E-06	1.99892	3.76E-06	0.0775732	3.0487	0.0349711
4.08305	3.13813	3.05129	3.45643	2.56873	3.44121
0.0429183	0.0614573	0.0347157	0	0.0332709	0
963.641	1211.61	1319.73	1150.13	1253.68	1387.49
26.4381	23.5732	19.9596	21.9751	26.8351	19.7433
0	0	0	0	0	0
0.173984	0.12457	0.0469108	0.0420879	0.134875	0.14102
0.254194	0.0421175	0.190333	0.170764	0.15252	0.190722
34.1313	36.7832	33.8886	34.7526	42.559	22.8565
0.017847	0.0805021	0.0858221	0.094997	0.0396666	0.0875528
9.86066	7.98826	12.4567	13.2287	13.4305	11.5587
0.0442363	0.0158362	0.0357819	0	0.0171463	0.035855
0	0.212616	0.117647	0.117362	0.0281864	0.0294705
20.8172	15.6023	23.3104	20.4243	24.6062	24.3148
0	0	0	0	0	0
0	0	0	0	0	0
0	0.152502	0	0	0	0
37.0637	30.0797	36.7853	36.5942	48.3001	42.1787

15.9393	16.5785	16.4963	15.0781	20.3152	17.1788
0	0	0	0	0	0
0	0	0	0	0	0
0.427927	0.235683	0.46596	0.48972	0.357254	0.37353
0.0954073	0.0683098	0.0514487	0.0230796	0	0.103108
32.9	23.0442	33.0578	27.5325	19.1988	42.8303
46.707	45.3311	43.9543	45.0297	53.9005	47.5934
9.7145	8.44584	8.36811	8.62937	9.8781	9.08825
0	0	0	0	0	0
3.92216	3.79237	4.31409	3.89715	3.893	3.49101
10.5618	12.4748	10.9051	11.4238	11.1934	10.1281
3.02418	3.44753	1.16095	1.99093	1.75661	2.09896
7.84725	7.16906	7.15744	6.62502	7.19006	5.86377
3.326	2.50237	1.23263	1.55529	1.52823	1.5545
0	0	0.246187	0	0	0
5.6015	5.00901	3.93014	5.07774	4.0951	4.92491
0.167549	0.147037	0.186145	0.212364	0.228296	0.0927777
6.04923	5.08177	4.52959	3.32413	3.95474	4.49056
0	0	0	0	0	0.0502756
0.24226	0.0433634	0.195959	0.131859	0.281706	0.19636
37.5357	40.5944	37.9321	41.9229	44.0458	36.2751
0.65104	0.427297	0.439084	0.511836	0.73609	0.637604
19.9815	17.3385	17.8257	18.4773	14.7325	17.6978
3.45376	2.88344	2.938	2.5712	2.47981	3.70841
0	0	0	0	0	0
12.346	10.9227	11.7674	10.997	11.2716	11.8807
14.04	13.8084	15.2241	13.6125	14.7601	15.5983
3.19689	1.93728	1.83447	3.1338	2.56405	2.21567
0.618855	0.468357	0.407744	0.310499	0.272922	0.250407
712.789	0	288.28	775.925	276.282	288.87
127.447	137.488	114.05	123.557	128.78	127.432
0.0180986	0.0259165	0.0292792	0.026269	0.0140303	0
0	0	0	0	0	0
0	0	0	0	0	0
4.75571	3.85917	4.76506	5.76994	5.15539	5.35583
33.8142	24.1806	31.5915	34.73	39.8	34.0702
6.70897	10.6584	7.10303	8.80361	5.47721	5.93939
5.95773	9.06444	10.1201	9.62008	7.27417	9.53715
31.6678	26.5348	29.3146	36.3827	36.4226	25.423
2.34867	2.32837	1.89979	1.18002	1.12045	1.46436
0.0927888	0.0930288	0.127335	0.097212	0.162204	0.127352
56.8984	61.0435	59.5273	70.0991	68.0103	75.71
0.23359	0.262815	0.377892	0.411692	0.336296	0.540949

2.05979	1.07262	1.45157	1.31366	1.65727	1.64424
17.3205	15.5549	19.2037	17.8253	16.9576	23.8419
34.7884	49.7452	59.4477	25.411	37.6381	22.8776
587.329	294.361	380.063	426.235	227.653	761.68
12.233	14.0834	10.9914	13.5688	8.83663	9.21105
0	0	0	0	0	0
9.14087	7.62125	7.62553	6.36487	9.53053	6.36761
0.899848	0.633131	0.766338	0.559085	1.07454	1.04933
23.29	18.0318	23.4368	23.9779	22.7368	17.5975
3.38792	3.67003	4.37755	4.31066	4.1442	6.36578
3.44607	3.72212	2.91647	3.61523	2.7859	2.99428
41.0544	34.4065	31.9342	37.9508	27.5195	35.8027
5.58649	3.82667	4.87092	4.08932	4.57446	4.54764
0.392192	0.449283	0.274938	0.455393	0.18242	0.169538
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.174182	0	0
12.7276	9.74691	11.0116	10.3937	12.5921	10.8353
0.654858	0.555287	0.504483	0.820586	0.834951	0.674483
0	0.213492	0	0	0	0
0	0	0.31228	0.246133	0	0
0.173095	0.216801	0.245042	0.439558	0.0671761	0.140342
7.12195	6.55854	7.68108	6.78697	7.7332	7.42467
42.5138	14.3688	50.8353	4.21594	91.5029	61.6407
13.9862	10.5322	12.7772	12.586	14.5925	12.0565
0	0	0	0	0	0
0	0	0	0	0	0
9.11537	10.2943	7.99028	7.79948	6.8493	8.37447
0.199842	0.0953888	0.125726	0.145029	0.120494	0.269965
1.16047	1.19439	0.234671	0.736905	0.449809	0.352726
0.17744	0.205023	0.261691	0.115502	0.199042	0.239045
0.204726	0.474468	0.139724	0.200575	0.11903	0
7.23918	6.53535	7.14685	5.87423	5.13887	6.36201
10.6599	9.26101	10.4999	12.256	11.4385	7.88686
180.011	166.839	152.433	156.153	184.141	88.2675
1.55E-115	3.17E-92	1.11E-111	1.77E-73	2.96E-51	3.94E-19
0.266523	0.377987	0.43871	0.535627	0.430689	0.896642
2.22712	2.89923	4.20344	3.7223	5.70268	2.40688
0	0.110138	0.124428	0.0558179	0	0
0.839232	0.450655	0.509128	0.152261	0.243969	0.425141
182.005	202.832	239.366	399.163	244.978	300.99
0.810572	0.0527595	0.23842	1.65779	0.856866	1.43345
22.3175	18.0586	19.9902	21.1581	19.1601	18.298

20.5321	24.6597	23.8235	22.23	20.1128	21.2007
0.433809	1.00347	0.755784	0.460126	0.258689	0.784376
3.84465	2.26693	2.62966	3.03632	3.06809	3.20787
1.28906	0.503421	0.710926	0.680357	0.590493	0.712379
1.62857	1.14426	1.27002	1.18104	1.19207	1.29461
1542.39	1563.66	1600.48	1709.25	1767.09	1457.82
0	0	1.20607	0	0	0
0	0.0781919	0.0441687	0.0396276	0	0
0.0650489	0	0	0.0472071	0.0504269	0
0	0	0	0	0	0
29.4414	26.9429	29.7481	28.136	25.7445	30.9127
7.06319	5.89996	7.00007	6.67288	6.21542	6.42123
13.3153	11.8447	8.68167	6.91063	5.81799	6.54092
0	0.0343886	0.0388505	0.0348562	0	0
1.87827	1.49855	1.42389	1.44529	1.09753	1.71671
0.862217	1.02477	0.822967	0.901046	0.360938	1.22999
3.76204	2.94897	3.54147	2.84786	3.59521	3.89043
25.6829	23.5399	22.9747	23.5433	22.0669	24.2236
2.50461	2.99578	2.2166	1.75349	1.78171	2.31667
0	0	0	0	0	0
0	0	0	0	0	0
1.37742	1.12324	0.986111	1.01015	0.862741	1.4006
37.9207	37.3538	36.7851	38.4911	37.8094	43.8839
0	0	1.21589	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
34.9565	37.468	41.0457	29.3206	23.8582	23.7345
24.7625	26.1028	25.7547	26.3672	26.8112	27.1801
21.9106	17.7887	18.1066	16.5632	14.4054	12.6759
0.0285565	0.0102229	0.0115494	0.0310859	0.0221374	0
0.679469	0.62867	6.91E-06	4.68E-05	0.864765	0.550657
6.40734	6.92179	6.38008	7.43767	8.31398	8.37706
23.6484	24.1105	29.3363	25.8937	26.8289	20.4849
20.3455	16.7925	19.5047	22.216	21.1756	15.8036
0	0	0	0	0	0.033482
0	0	0	0.0762102	0.040704	0.0425585
0	0.105967	0.0598581	0.053704	0.0286835	0.0299903
0	0	0	0	0	0
8.37772	6.53273	7.00388	6.64069	7.29104	7.43815
1042.1	997.216	864.736	1011.64	984.888	888.074
0.576272	0.4126	0.349601	0.261382	0.781787	0.817404
1.75531	1.35647	1.785	1.45849	1.24484	2.224
0	0	0	0	0.134544	1.72325

41.9512	49.2696	36.7328	39.74	34.9899	39.7805
0.245945	0.367496	0.436802	0.294891	0.0994748	0.173345
6.4824	5.43061	4.74411	3.87233	4.37574	4.36063
9.99082	7.81117	11.2285	8.15861	9.10914	6.81428
2.58381	2.0812	2.61249	0.937558	0.834587	2.26879
13.3741	11.6244	13.8871	13.9637	15.1346	12.6384
1.17364	1.18382	1.13296	0.992767	1.33756	1.5465
8.35371	6.03725	7.53763	7.59535	6.52984	7.9777
27.9052	24.2317	28.1092	29.4227	28.7597	26.5149
0	0	0	0	0	0
1.67552	1.64877	0.981176	2.21035	0.850817	0.184346
0.310764	2.67002	1.25685	1.35316	1.92727	1.76319
4.7246	5.4796	4.62	5.83593	3.08565	4.36715
8.27632	12.2464	12.4072	8.98271	7.62783	9.04866
0	0.235109	0.796843	0.476612	0	0.399236
0.361296	0.680855	0.493626	0.607624	0.678433	0.433446
0.469692	0.420363	0.94981	0.596512	0.728225	0.285526
9.23626	6.82404	9.45896	7.44075	7.12015	6.87539
9.50306	6.32174	7.56867	7.58561	8.4427	8.46557
7.93863	5.95783	6.67283	6.55077	8.84195	7.4811
0.259079	0.0490353	0.0978109	0.136495	0.0400706	0.145396
56.7115	51.4025	61.4531	58.0455	63.143	52.4678
0	0.0975557	0.0367379	0.0439478	0.0352089	0.12271
0.0985968	0.0705934	0	0.0715535	0.0764338	0
24.9574	22.9309	25.9746	22.9313	22.3694	25.427
2.65519	1.13496	2.1691	1.60097	1.96618	2.19495
5.85E-12	5.45E-12	0	0.229391	1.48E-11	0
121.352	62.2915	97.1432	122.138	111.815	114.766
6.2946	15.6688	5.8984	16.9493	6.56845	8.71706
4.51059	2.50233	5.62985	3.53356	2.63988	0.798991
15.8389	20.4321	15.1311	16.9446	15.0563	15.4941
8.07039	7.17836	2.05882	4.97831	3.82597	2.41526
5.15261	4.31866	4.74821	4.88249	4.99182	4.197
0	0	0	0	0	0
0.302287	0.494717	0.558907	0.609401	0.700296	0.557818
0	0	0	0	0	0
0	0	0	0	0	0
1.30579	2.0435	2.01393	1.85101	2.23617	1.50123
0	0	0.0352695	0.0316434	0	0
40.983	35.936	38.031	42.1612	43.9779	41.1697
4.39647	2.5797	2.89337	2.93573	4.56781	2.19292
21.9903	18.2218	18.7055	19.9661	20.2121	19.5289
8.77878	6.3164	5.49189	8.09703	7.30831	4.90724

34.2543	46.2247	28.6429	23.4513	22.6505	27.7743
4.57306	4.11671	3.00683	2.93059	4.0634	3.20807
0	0.120717	0.0545519	0.0489434	0.0522815	0.16399
0.046341	0.0663585	0.112453	0.100891	0.143697	0.0751219
460.941	532.016	499.345	527.788	458.779	439.246
21.4526	21.5619	24.0092	24.6471	21.9631	20.527
0	0	0	0	0	0
23.9211	15.5151	18.087	22.9672	14.2006	20.0939
0	0	0	0	0	0
0	0	0	0	0	0
6.22E-11	1.71E-10	1.13E-09	0.214147	4.11E-10	8.58E-10
0	0	0	0	0	0
0.63449	0.227141	0.0641533	0	0.0614833	0.192853
20.0121	21.4971	19.7613	19.9266	19.2247	18.5821
27.9183	27.7409	29.6513	30.4192	30.6654	31.8745
0.857536	0.416032	0.594357	0.608108	0.688429	0.773329
0.256449	0.571238	0.737551	0.579007	0.534559	0.277147
18.8789	14.8834	18.4466	18.1885	16.8419	19.8634
0.102568	0	0.0276551	0.0248118	0.159025	0.0554232
8.11809	15.4867	14.4993	13.404	12.7977	13.4249
15.5752	18.3456	16.0888	18.0135	15.8652	19.7357
0	0	0.0433896	0	0.0207919	0
0	0	0.0312941	0.0280767	0	0
0.13862	0.297747	0.252285	0.150898	0.32238	0.252801
13.6155	10.9301	12.591	9.60884	9.0139	9.94139
6.39844	6.02108	4.78921	4.41049	3.5993	5.74328
31.3974	32.0017	31.7669	32.286	26.1252	31.7717
4.78236	4.62386	4.43186	4.60476	3.99928	5.60075
25.9314	17.8833	21.9363	21.7363	23.2691	25.532
0	0	0	0	0	0
8.50564	9.13481	9.9822	8.12922	9.3607	10.218
0.00758505	0.0244389	1.9058	0.0247712	0.0117603	0.00614794
5.68232	5.58857	6.0046	5.85443	5.30392	5.40256
0.305428	0.222357	0.555872	0.886618	0.473545	0.618899
0	0	0	0	0	0
123.113	153.677	124.912	127.051	134.548	125.392
0	0	0	0	0	0
0	0	0	0	0	0
5.27871	3.22004	4.39316	4.4532	4.12169	4.61839
4.16188	4.59881	3.51916	3.92612	3.27243	3.27701
1.27024	1.00882	1.18289	1.14649	1.05091	1.46217
8.56E-09	6.63E-09	8.78E-09	0.676152	0.0763744	0.0799846
24.3438	22.8499	21.639	23.412	24.6636	22.4585

7.53664	8.02693	9.37215	8.20747	8.35834	7.91307
21.675	18.5229	18.5756	19.302	19.5434	21.4296
5.6156	4.02203	4.48974	4.38078	5.07973	4.1481
10.6308	5.52832	4.43529	5.76592	7.54717	6.07699
1.47783	2.02353	1.78016	1.90714	1.38371	1.01667
28.5042	27.4511	28.574	30.4569	27.9279	28.7658
0	0	0	0	0	0
36.6009	30.4447	37.2871	40.2615	41.5173	38.1735
94.6828	102.571	93.8629	100.445	95.945	86.4474
2.7	2.48547	3.32344	2.60447	3.43213	2.75933
0	0	0	0	0	0
20.0959	16.6634	20.0965	20.8116	18.8608	20.8451
0	0	0	0	0	0
0	0	0	0	0	0
0.107342	0.0768549	0.0578846	0.129834	0.110951	0.145007
0	0	0	0	0	0
0.933114	0.78599	0.754777	0.717011	0.638263	0.75632
0	0.063931	0	0.0648004	0	0
12.1855	10.3604	11.8279	12.97	13.5398	13.2101
24.6823	23.035	20.0035	24.5907	24.7195	23.9762
0.582758	0.481435	0.580161	0.553046	0.521265	0.236172
70.1345	63.9279	66.7951	76.4623	80.7556	60.8449
40.5064	65.0984	32.7648	68.207	15.598	88.8128
21.3114	22.4788	19.1777	19.8305	14.7126	19.0187
0.347295	0.165771	0.28092	0	0.358972	0.469158
0.051915	0.01239	0.041993	0	0.0268302	0.0280525
0.448478	0	0.0806142	0.0723261	0.0772591	0.080779
4.95573	3.30477	4.32926	4.68872	4.22896	5.30931
24.73	21.056	24.1485	26.678	23.0571	21.128
123.872	125.443	126.169	113.955	123.733	111.661
9.84453	8.6995	10.0793	9.10744	12.8569	14.6288
2.46796	2.70057	2.68684	2.34089	1.7219	1.85085
0.100519	0.0479797	0.0271026	0.0486323	0.0259746	0.108632
58.6166	60.9728	56.7429	54.0397	53.4441	50.1429
1.03123	0.738344	3.33658	2.24515	1.59886	0.83585
0.375575	0.17927	0.101265	0.272562	0.0970506	0.202944
0	0.0709938	0	0	0.0799673	0
0	0.0439404	0	0	0	0.0994864
9.56258	10.2699	8.60828	11.9766	10.4022	10.6261
0.114397	0.0491435	0.148053	0.182643	0.141891	0.111267
15.2389	14.4751	15.4226	14.2435	13.5923	14.3984
0.0803679	0.115084	0.065008	0.174973	0.124605	0.0977114
0	0.162959	0.0920517	0.0825877	0.0882206	0.0922399

15.0912	11.1831	13.5601	13.9541	13.5113	14.0839
0	0	0	0	0	0
0	0	0	0	0	0
9.79404	7.94237	10.0363	10.4104	8.72503	10.1279
7.89277	5.65858	6.75736	5.94092	6.17548	6.86463
130.245	144.894	89.648	141.879	85.6034	114.275
0	0	0	0	0	0
0	0	0	0	0	0
1.95387	0.874332	0.856073	1.18163	0.568	0.329932
60.8849	49.3962	56.8241	64.7994	55.7083	62.1895
1.40866	1.01298	0.966085	0.880042	1.58105	1.15666
0.244837	0.0584328	0.0990217	0.0296137	0.0949006	0.0330747
3.56688	4.40961	4.55934	3.64125	3.44719	2.37069
3.17983	2.78482	2.48026	2.80209	1.8049	2.46232
7.38208	6.95551	7.20168	7.5497	7.58017	7.21244
0.0263509	0.0188668	0	0	0	0
12.634	15.4401	15.3014	13.9354	12.2283	15.0588
0	0	0	0	0	0.0551557
6.60074	3.5819	4.38012	5.85868	2.8757	4.31946
0	0	0	0	0	0
1.16516	1.00108	0.873934	0.84558	1.00179	1.11611
3.78459	1.45398	2.61329	3.75138	2.36141	3.66608
0	0	0	0	0	0
0	0	0.0191724	0	0.0183744	0
0	0	0.114154	0.0341393	0	0.0762584
0.228494	0.218371	0.145817	0.130826	0.114993	0.23753
4.60412	3.29646	3.70785	3.69301	4.05447	3.81363
1.63412	1.06853	1.25763	1.22458	1.15779	1.31298
0	0	0	0.0965427	0	0
13.5359	16.407	10.9794	12.6901	10.2082	12.7252
0.0554621	0.0991877	0.0674233	0.0804516	0.0644848	0.0225563
0.315549	0.395373	0.382862	0.51525	0.430631	0.383645
0	0.0181416	0.040991	0.0183884	0	0
18.2949	20.8202	16.7415	18.5198	17.9035	17.1189
4.13961	1.61E-18	5.22E-26	5.65E-28	2.47E-36	3.89E-20
0.076336	0	0.0308733	0	0.0295884	0
0.823948	0.708496	0.889218	0.797272	0.979882	0.801406
0	0.144074	0.325536	0.146034	0.545978	0
377.379	120.087	339.172	273.871	390.067	305.879
5.51322	4.15349	4.91365	4.79619	4.42692	5.33932
10.7782	12.9392	13.4532	12.8118	13.4335	11.9368
358.185	521.484	396.409	341.032	418.753	366.71
0.194557	0.107845	0.172603	0.100202	0.150824	0.213651



21.5839	16.2516	20.2191	20.4142	19.3673	21.1648
5.75982	4.33523	4.88232	4.71891	5.49834	5.27042
34.8941	30.6136	24.3823	24.6099	23.6215	23.7682
0.64905	0.775977	1.05798	0.603135	0.639698	0.609394
56.4681	55.9449	51.1792	47.2331	49.2422	44.2091
117.829	134.627	174.692	135.141	142.58	140.99
0	0	0	0	0	0
14.5759	11.7605	10.9889	12.3278	12.3515	11.3034
17.1919	14.8639	16.7761	17.2288	16.8616	17.1097
41.8101	41.938	44.355	44.9234	43.8298	38.6132
3.28532	2.61521	3.05357	2.97657	3.5276	2.61324
0	0	0	0	0	0
25.1658	20.0442	23.3134	19.9127	31.6024	27.9492
5.9471	4.6881	4.94006	5.23139	5.01387	5.27475
0	0	0	0	0	0
1.28506	1.63941	1.34184	1.27171	1.21355	1.21202
26.2914	22.6667	26.032	24.7365	19.7007	24.6616
74.5964	83.8436	82.339	83.6036	72.2348	85.9581
16.4531	17.9396	18.4774	16.5597	16.66	17.5397
0.401649	0.143787	0.162443	0.72871	0.311365	0.32555
0	0	0	0	0	0
3.4757	1.81472	2.99535	2.34998	1.06969	2.97385
22.8176	18.9876	26.3424	23.912	26.5544	23.3142
0	0	0	0	0	0
17.0459	13.0662	17.2552	16.0434	17.8661	17.8116
11.6457	12.8828	11.7607	13.7616	13.596	13.517
170.409	144.319	149.638	160.767	163.587	155.512
0.392047	0.280698	0.158559	0.426773	0.15196	0.317767
11.53	14.5072	11.2464	11.8743	13.0786	9.13915
23.27	9.97575	16.9446	14.9259	22.5882	15.1453
0	0	0	0	0	0
18.6259	17.2566	17.6604	16.9396	15.5994	15.742
0.0586781	0.0393866	0.00889942	0.104524	0.0614091	0.0647738
0	0	0	0	0	0
16.6063	13.9171	16.1332	14.6303	16.7738	14.7958
2.86022	4.12515	4.09867	3.56041	2.11743	2.92223
12.6441	10.441	9.06842	10.0325	10.9781	8.33541
3.60412	3.3882	3.46747	2.14046	1.56833	1.64806
0	0	0	0	0	0
72.6303	67.5517	70.0067	75.7399	82.8299	78.9156
0.230296	0.409083	0.352955	0.215961	0.182004	0.186663
0.819705	0.860929	0.641065	0.546573	0.76207	0.898067
9.97787	9.42214	11.5213	9.39591	8.53019	12.6599

129.473	134.432	124.565	133.616	127.413	106.097
0	0	0	0	0	0
2.59309	2.01666	2.649	2.30365	2.36546	2.9262
1.58704	1.18085	1.63612	1.4905	1.59215	1.26113
24.6462	22.3563	27.7302	36.1758	29.8084	22.7552
0.0867956	0.15536	0.140414	0.220462	0.0672853	0.0703507
0	0	0	0	0	0
1.39296	1.49576	1.20703	1.08283	1.15671	1.45134
0.53691	0.422859	0.477725	0.350681	0.457843	0.304629
8.66809	7.62892	7.43717	7.63133	6.88617	7.98344
0	0	0	0.0260294	0	0
0	0	0	0	0	0
30.5007	37.0447	37.9199	33.8876	43.5139	20.8114
0.424768	0.912377	0.515379	0.154131	0.329286	0.172144
10.3685	7.8326	9.49108	9.61655	8.87545	8.66096
7.72842	9.67378	8.21857	8.23648	8.59198	6.96503
13.4241	12.2222	13.0247	12.7883	8.58984	8.01579
5.94956	3.72753	4.90766	5.26522	3.72132	7.66687
57.0243	42.2172	50.7614	50.6991	53.4844	45.9343
60.6258	63.4585	56.5452	63.2547	56.3422	54.6095
0.46157	0.329965	0.12438	0.223217	0.238363	0.498166
0.919607	1.29783	0.981785	1.20113	1.29579	1.26813
0	0	0	0	0	0
2.50161	1.83325	1.88067	1.6446	1.84803	2.24233
4.60307	2.4969	3.66262	3.45708	2.72328	3.16544
27.0641	24.8304	37.6226	36.8309	39.8485	32.9108
0.147484	0	0	0	0	0
23.8256	36.334	32.7189	33.116	38.9747	58.4798
0	0	0	0	0	0
17.8102	16.391	16.9951	17.6227	16.6947	16.0559
1.46789	0.99122	1.20919	2.07599	1.3619	1.72171
7.85759	6.74552	5.40326	4.83374	4.40015	5.17959
0.694571	0.568342	0.481564	0.396049	0.461522	0.804247
7.94014	6.67344	7.91729	8.45971	6.83955	7.73414
0	0.0179811	0.0101571	0.0744214	0.0778749	0
0.117997	0.211209	0.0795377	0.0999045	0.198191	0.350681
38.7781	34.1313	37.5029	40.2567	34.2713	39.6704
53.0025	46.5261	47.447	55.1418	49.7704	50.891
0.322795	0.348644	0.431781	0.349475	0.779155	0.144719
19.2677	17.1613	19.4383	21.0967	18.5027	20.9174
0	0	0	0	0	0
15.2912	11.131	13.171	12.4742	13.9429	11.9972
0	0	0	0	0	0

0	0	0	0	0	0
32.6766	32.2937	32.7825	36.5801	29.441	31.5602
28.741	34.3368	31.6281	32.9288	20.0504	20.3634
1.34899	1.04079	1.8925	1.00134	1.1626	1.21868
5.68311	6.65145	5.24665	4.56426	4.99305	5.51534
0.385628	0.138051	0.389909	0.559715	0.298945	0.390706
0	0.0275843	0.0311634	0	0	0
0	0	0	0	0	0
0.310357	0.22221	0.313802	0.28154	0.135334	0.345888
3.10589	3.15389	2.97202	3.2113	3.05061	2.6655
0	0	0	0	0	0
2.41215	1.49895	0.920347	1.12299	0.352818	0.811562
0.906362	0.449265	0.733138	0.657763	0.540482	0.621616
15.3563	13.504	18.0565	13.5489	12.7606	12.6362
1.85499	0.356496	0.205259	1.83793	0.139887	0.584309
7.89166	4.09098	7.22995	7.95545	6.80964	4.6369
12.6727	10.8182	7.42546	10.965	11.9021	11.7201
0	0	0	0	0	0
0	0	0	0	0	0
0.783006	0.961059	0.588118	0.446476	0.390213	0.271994
4.13932	4.21697	7.74586	4.42377	5.82704	6.7268
0.164767	0.132718	0.133276	0.159435	0	0.0333858
17.2622	13.8383	15.3446	14.9588	14.4344	16.7248
33.1835	30.7164	29.7683	34.095	30.7274	29.4416
27.9836	31.3231	27.2985	29.52	29.5473	26.3271
11.6153	8.74722	13.3844	9.61798	7.6856	11.1714
154.076	219.213	122.313	218.819	109.381	179.356
9.20286	7.57675	9.08329	7.69133	8.80828	8.47088
50.0869	43.5018	31.1169	34.7326	22.7486	25.9866
45.4106	38.1287	41.9047	43.0841	49.2811	44.9408
121.615	118.771	141.215	131.832	126.25	139.749
5.4898	2.4457	6.95693	5.79901	3.40463	3.23013
71.413	84.2931	89.6699	78.4901	77.6536	69.9263
9.29465	8.34725	9.06305	9.38261	7.89262	8.95433
2.43417	1.75278	2.56526	1.67567	2.13501	1.90533
4.19062	3.33379	3.01308	4.16759	4.69247	2.13863
0.604	0.455044	0.514261	0.447933	0.312017	0.446647
18.779	17.6448	19.0638	19.6018	15.9715	17.0787
2.02808	1.20482	1.49859	1.3843	1.61894	1.86596
49.4315	41.7822	47.9441	36.5376	44.7067	32.7086
0	0	0	0	0	0
1.15717	0.982285	0.422395	0.727167	0.687569	0.401156
0.152556	0	0	0	0	0

234.08	288.613	247.842	273.626	269.388	235.066
6.59811	6.76324	5.96251	6.29408	6.4836	6.44474
15.124	15.2541	12.8815	14.2729	12.7254	14.7975
0.333996	0.597659	0.40047	0.475061	0.507557	0.137858
0	0	0	0	0	0
24.3082	16.2424	18.6728	26.5899	26.066	26.3882
30.2424	37.8683	21.8303	21.9294	21.3841	23.7621
24.0516	23.574	23.2329	22.9952	19.5336	24.1161
14.0214	10.5688	13.1833	12.8744	14.4437	13.7639
0	0.156069	0	0	0.0375885	0.039301
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
94.6186	108.721	117.377	107.969	117.427	76.4902
1.63969	1.64037	2.05306	1.87458	1.6716	1.58391
0	0	0	0	0	0
0	0.0795177	0	0	0	0
0	0	0	0	0	0
9.39122	14.7074	10.8191	11.2651	8.86462	14.4689
165.326	204.363	137.134	145.957	161.831	183.794
48.2328	76.568	66.13	44.1587	48.9675	53.1856
1.30986	1.75352	1.9356	1.78351	1.96782	2.01819
7.95344	6.32	7.80986	6.99371	6.38432	9.35264
2.55128	2.07584	1.38776	2.39346	2.08283	1.19498
0	0	0	0	0	0
9.73129	9.14237	7.40002	9.97164	6.42117	7.25768
14.6769	15.2083	13.0799	13.2455	9.8369	11.777
11.5086	9.36914	7.2117	10.7026	7.53593	9.13615
4.44808	3.70074	4.34413	3.76468	3.23547	3.78601
2.59137	0.93192	1.64842	2.75171	1.15146	0.758464
5.24236	4.85199	3.58541	5.22729	4.16308	3.28183
6.64754	3.64505	6.88123	7.29527	7.73883	7.52213
7.15934	7.23029	8.04651	7.438	10.253	6.56643
0	0	0	0.0668218	0.0713793	0
0.672584	0.58857	0.745535	0.867744	0.405531	0.868204
72.9427	73.7062	77.4865	75.6317	82.0142	68.4726
8.22348	6.68169	9.64396	8.15848	7.91007	8.1891
0.542305	0.871287	0.617521	1.11874	1.51462	0.844476
12.0449	7.96299	11.2541	9.33143	12.7282	11.2237
8.93562	5.37733	8.58517	9.5131	7.67075	8.62718
0	0	0	0	0	0.0341919
0.587196	0.540541	0.441044	0.213069	0.292631	0.339958
1.84864	12.6786	1.81013	3.10684	2.41363	2.20815

18.4844	15.9489	18.4293	19.3176	21.9034	17.8693
15.6918	12.8532	21.233	16.1915	16.2294	16.8966
47.646	46.4977	54.0693	56.9076	53.5158	58.196
2.38838	1.82126	1.47642	2.02922	2.01709	2.54968
32.0353	32.7602	35.0794	38.5745	34.2528	23.3832
43.4788	43.1967	41.2494	44.2157	41.7881	43.6173
0	0	0.00632086	0	0	0.0253351
6.52248	5.20129	4.51769	4.70514	4.51134	4.14705
3.23956	5.06065	3.77181	3.91834	3.19627	5.25154
19.1446	18.9772	18.1466	18.0755	15.4958	18.4204
0	0.0809296	0.0228573	0	0.0985786	0.122157
11.0775	9.60153	10.6532	10.3902	11.7184	11.1999
21.2958	21.2319	26.1933	22.2834	19.2131	18.8512
0.827586	0.666603	0.188274	0.39414	0.461119	0.817521
15.4503	14.4192	14.0191	13.8109	12.709	13.8646
9.40477	9.67626	7.46002	8.95562	9.39029	9.03732
0.124274	0.0593184	0.0335075	0	0.0963389	0.033576
0	0	0	0	0	0
1.52457	2.58682	1.69509	7.28623	2.6873	4.05051
0	0.129704	0.0366331	0.0328669	0	0
3.7102	2.65643	5.14476	4.23117	2.87621	3.43685
4.43199	4.42958	3.22671	2.77007	2.91784	3.9666
3.72227	6.76519	7.17976	5.92212	5.54916	3.94534
6.55974	4.54911	4.11149	4.21219	2.8621	3.47964
14.5533	13.9553	15.5239	15.9539	15.9999	14.0243
0.284392	0.610857	0.306718	0.963144	0.220465	0.307345
0	0	0	0	0	0
21.7093	21.5745	26.5417	26.0914	25.182	19.9547
0	0	0	0	0	0
0.896181	0.325661	0.514448	0.59716	0.474927	0.543185
0.156194	0.111832	0.126342	0.226705	0	0.253201
0.0593951	0	0	0	0	0
0	0	0	0	0	0
9.50459	8.49132	9.78018	9.91919	9.87847	9.13547
0	0	0	0	0	0
15.5652	23.0329	10.7181	13.0445	10.5833	6.91131
0	0.0535617	0	0	0.057993	0
57.3322	83.382	56.5219	63.8875	59.2616	75.1598
0	0	0	0	0	0
24.3995	21.3626	20.5302	20.6132	18.7627	20.7312
0.382318	0.32392	0.013141	0.328325	0.0876794	0.174904
8.72095	6.33051	5.19216	5.77921	5.98191	5.93321
39.207	39.4667	43.9166	33.0788	33.1065	33.1336

31.6512	28.3396	31.2778	32.8994	34.6686	32.131
0	0	0	0	0	0
0	0.0695996	0	0	0	0.0262636
4.56305	3.17123	2.00788	3.36006	2.57519	2.48047
0.0207183	0.00507987	0.0145268	0.00514896	0.00825021	0.0345697
318.404	425.247	335.197	358.2	380.969	317.839
4.96107	5.84151	6.75578	4.9091	3.75374	3.7289
8.09429	9.32297	11.1589	8.93896	10.8036	12.3227
6.84968	6.59325	7.14986	6.4354	7.62345	5.96656
1.26398	1.28422	1.73943	1.72773	1.45838	1.72876
0	0	0	0	0	0
25.7811	28.0586	33.0612	29.7182	30.2243	30.4119
19.8521	20.6131	19.3946	20.0201	19.0871	14.8369
10.7455	8.53848	9.70042	7.10334	9.46901	7.45536
7.88771	5.05776	6.06632	6.27024	5.43936	7.54866
21.4476	21.0873	20.8565	21.0751	19.5898	21.2459
44.2204	31.2827	44.2111	43.5775	47.007	42.856
8.19402	5.97078	7.55636	6.97981	7.64733	8.08995
1.41851	1.16228	1.07705	1.15559	0.68815	0.774848
4.45361	4.24065	4.94685	4.96472	4.77657	5.41099
6.22456	6.22921	6.11586	5.79242	8.18712	7.7917
0	0	0.101094	0	0	0
0	0	0	0	0	0
37.3948	49.6141	25.4319	28.0174	12.2434	8.72039
0	0	0	0	0	0
24.7167	19.3899	21.5663	20.6086	24.5127	21.9969
3.81139	2.55364	2.60213	2.94363	2.3583	3.23097
0.174693	0.22793	0.0953717	0.147558	0.157623	0.164804
0.467633	0.357225	0.6215	0.252229	0.140521	0.140959
26.8162	18.7066	26.1808	23.3157	29.092	24.8712
11.0971	10.3852	10.109	11.0362	9.6574	9.77497
9.29595	7.28656	8.2565	9.95401	10.0324	7.83016
7.35358	9.23468	8.0253	9.69911	7.82703	7.80519
5.57564	7.66755	9.47701	8.14615	6.1693	5.45494
8.33416	7.24528	8.51785	8.32124	7.86588	8.43091
5.43495	4.09699	6.7198	5.74541	5.35342	8.51239
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0205874	0.0232586	0.0626022	0.0668719	0.0233062
0.435405	0.207828	0.586984	0.631963	0.225022	0.470548
16.8057	14.9107	14.1031	16.6189	14.267	16.1012
5.86028	7.16084	5.93976	6.0883	5.41089	5.68036
4.18447	3.11828	3.49986	3.5532	2.38325	2.60719

0.344176	0.301185	0.0927991	0.208146	0.10376	0.108487
4.79372	4.50247	3.74738	5.12829	3.7955	3.98262
158.186	178.896	172.433	175.76	182.144	159.887
0	0	0	0	0	0
0.0319678	0.0228883	0.0258581	0.0231996	0.0247819	0.0259109
0.0533803	0.343974	0.129535	0.116217	0.124144	0.173066
145.736	143.209	167.165	155.235	178.104	133.707
3.79657	3.22443	4.0452	3.83833	3.65357	4.35059
0.0168737	0	0	0.0122455	0.0130807	0
0	0	0	0	0	0
17.132	16.7116	16.0588	17.8846	18.6884	17.7692
0	0	0	0	0	0
29.193	26.8495	27.626	31.4482	31.4018	28.8483
72.1869	73.7796	84.9584	86.2569	67.0086	67.4798
34.6343	33.5525	35.0577	38.1407	36.3555	33.894
7.36008	5.3278	4.94659	4.2122	4.65682	4.56192
2.57192	1.94593	2.59678	2.29009	2.14227	2.86082
21.7088	18.3384	20.0248	19.8045	22.035	19.8672
43.0966	37.0755	35.941	41.5819	33.0466	36.1228
0	0	0	0	0	0
0	0	0	0	0	0
0.0125303	0.0179429	0.0709483	0.0454672	0.0679956	0.0715165
6.31562	4.90332	4.4896	4.44277	4.56557	4.79713
7.76358	6.01004	5.1711	4.38803	6.37014	5.33502
0.014853	0	0	0	0.0230285	0
1.16702	1.48544	0.891533	0.705771	0.301563	0.840806
70.1625	74.3192	70.2678	69.7709	56.3705	61.9531
18.6607	20.3877	22.2046	21.314	16.8474	20.075
2.37451	3.27494	4.12444	3.08367	3.95279	2.99836
0.674236	0.618511	0.357903	0.443433	0.44101	0.700192
0.421538	0.418716	0.213108	0.388467	0	0.253089
0	0	0	0	0	0
0	2.21063	0	2.24069	0	2.50257
0.952854	0.717211	1.10671	1.18797	0.681847	0.871336
5.03287	3.1607	5.39788	4.61854	4.72049	5.5203
19.0633	20.2358	22.0386	24.6518	19.1238	20.603
18.3734	13.3069	14.0954	16.7126	22.7303	13.5012
233.589	308.253	265.752	254.176	240.957	248.955
9.17363	7.80548	7.52136	8.32418	8.08958	8.55995
21.785	17.4954	15.7853	16.5984	16.905	16.9492
0.0859482	0	0.0347609	0	0	0.0348319
61.3519	56.135	56.3291	55.0095	47.7421	52.0269
11.9268	7.69112	9.19602	9.39177	9.44627	9.64356

0.565903	0.63452	0.74276	0.976347	0.744956	0.986601
1.77613	1.00726	1.89185	1.72288	2.11303	2.00975
12.672	11.1432	12.9951	12.3415	12.7143	12.7986
1.40383	0.890095	0.443272	1.7538	0.679131	2.27331
4.90794	4.11137	5.68693	5.78789	4.83198	5.46981
0	0	0	0	0	0
19.1858	22.7252	22.3055	26.489	15.8296	20.401
29.0831	40.4233	31.9624	32.7541	25.5191	30.7156
21.0435	20.7483	22.9372	18.8913	19.6702	17.8637
5.5825	5.41811	7.82699	7.33739	5.98657	4.77618
0	0	0	0	0	0
0.190754	0.239009	0.308595	0.346085	0.258783	0.231919
0	0	0	0.0894877	0	0
287.926	268.31	282.852	292.058	296.201	230.362
11.4537	11.6673	13.2232	12.0148	9.88807	11.6467
0	0.101323	0.0572351	0	0.109706	0
141.507	148.623	147.2	162.428	171.995	145.05
10.2517	7.74401	7.72421	8.89271	12.3898	15.0044
1.05695	2.21279	2.01218	3.01318	2.783	2.43487
46.8874	43.4253	42.7237	46.6958	48.8397	47.7089
1.63717	1.15048	1.7509	1.8757	0.781084	0.604522
0	0	0	0	0	0
0	0	0	0	0	0
0.155535	0.334081	0.880666	0.790124	0.36172	0
2.58918	1.48818	1.20531	1.56013	1.73084	1.47293
0	0.253441	0	0	0.274409	0.573821
0	0	0	0	0	0
156.485	174.821	173.522	154.018	168.125	149.868
0	0	0	0	0.0381524	0
5.64088	4.92263	5.46866	5.23862	5.5002	5.76312
2.12105	2.66846	1.12745	3.25449	2.06709	2.5051
0.180802	0.158217	0.227495	0.218685	0.202454	0.211677
1.51831	1.64051	1.81987	1.72292	1.64783	1.65578
40.4927	41.4337	35.3615	39.9665	37.4737	31.1443
1.0086	0.401157	0.144812	0.230975	0.246729	0.201539
0.0605154	0.173311	0.0978993	0.0878342	0.0938249	0.147149
9.55823	6.19026	8.15654	7.71244	8.73153	8.80623
6.07665	5.26851	4.80008	6.16707	6.14601	6.19514
48.6306	39.7657	43.9702	47.8196	48.3616	46.8748
7.42789	6.74388	6.75046	6.55957	5.82759	6.29257
35.2472	32.2387	45.6093	29.6182	38.5327	32.3888
0	0	0	0	0	0
42.285	38.7414	30.3653	42.2493	36.5771	34.4685



17.5138	16.1826	15.0911	20.8178	17.0641	20.86
86.5426	59.7654	68.6764	66.8965	98.1547	30.8281
0	34.1523	38.5836	69.2335	36.9778	77.3249
1.89101	1.74069	1.9185	2.35625	2.29862	2.84863
0	0	0	0	0	0
0.527037	0.616583	0.715902	0.648914	0.0741145	0.363233
32.0313	26.9952	29.0659	30.8836	32.7523	29.9698
2.85707	2.41619	3.33256	3.03501	4.20499	0.771916
0	0	0	0	0	0
0.0802805	0.0287397	0	0.058261	0	0.06507
0	0	0	0	0	0
281.669	288.855	298.343	272.196	259.664	297.126
9.44089	8.84789	8.79529	9.61328	9.99467	9.51273
0.142538	0.153081	0	0.103442	0.165746	0.0577658
1.54121	0.735651	0.831102	1.37946	1.19477	1.37412
26.4143	21.6048	26.1191	25.1995	35.3538	19.9082
0.229099	0.410076	0.463283	0.623479	0.177601	0.371384
2.8562	3.66996	3.60247	2.98727	1.75955	2.38314
17.2295	12.1134	11.7968	15.2465	16.9402	12.5615
11.8187	11.4598	11.3767	11.0118	8.49539	10.3688
0.121194	0.173546	0.147047	0.2492	0.140928	0.130976
1.05822	0.396872	0.0815211	0.767969	0.585963	0.776034
22.1059	25.4941	23.0802	25.2094	14.6042	20.7453
4.40293	4.86535	4.70921	5.65837	5.01353	4.95251
2.16799	1.80013	2.4677	1.98288	1.95313	2.08375
1.89499	1.58523	1.25992	2.1973	1.16537	1.35598
4.74786	3.86259	4.43244	4.56234	3.85519	4.74571
13.5603	10.864	13.6916	13.2361	11.1247	13.7085
3.93302	2.63248	4.03901	3.74512	4.75056	2.62164
30.3699	31.896	31.225	31.168	23.7914	24.0227
0.0751118	0.286819	0.263278	0.25438	0.0582278	0.365284
0	0.072333	0.0817182	0.0733167	0	0
0	0	0	0	0	0
2.08626	1.08572	0.663029	1.27538	1.43233	2.98826
10.3013	10.2216	10.9301	11.7269	12.542	12.0701
2.53435	1.83346	0.650942	1.85635	0.767265	1.77426
177.528	166.516	186.056	172.889	185.722	163.438
17.3263	12.1115	14.552	13.7636	11.9533	14.7474
1.23604	0.844279	1.1062	0.982112	1.01785	1.19396
0	0	0	0	0	0
0.175094	0.376092	0.56652	0.381207	0.95015	0.14192
3.83859	3.74501	3.8556	2.96941	1.96202	2.94035
28.0054	21.0077	27.4789	23.2644	34.688	24.5759

12.7995	14.213	10.7441	13.1497	11.4825	16.0709
39.8021	41.7528	44.0548	39.8101	52.5844	52.149
9.51898	8.00692	8.74967	9.9153	7.51258	8.20105
10.8809	9.2728	13.0543	10.1582	12.6919	9.24928
0	0	0	0	0	0
0.0220639	0.195029	0	0	0	0.35767
0	0.0176862	0	0	0	0
0.324426	0.696849	0.262422	1.64809	0.754501	0.525917
1.06345	0.581375	0.811806	0.798064	0.882541	1.22609
0.805434	0.69201	0.586349	0.49684	0.624385	0.42434
0	0	0	0	0	0
0.353522	0.582164	0.915061	0.949262	0.548111	0.974241
0	0	0	0	0	0
0.251428	6.18E-11	0.404142	0.197315	0.368547	0.335404
0.360657	0.322779	0.36466	0.458037	0.489277	0.438487
0	0	0	0	0	0
0	0	0	0	0	0
26.4881	24.8695	28.9444	28.2635	20.6681	24.6441
28.8851	35.8966	33.9859	34.5025	31.7185	32.2875
26.3056	22.1517	22.3646	26.4506	27.2797	23.3083
1.29552	0.952607	1.4397	1.27653	1.36537	1.07202
0.220435	0.493948	0.285291	0.290326	0.151896	0.207897
0.337606	0.527387	0.471688	0.245007	0.309302	0.174135
321.074	0.00039509	276.914	247.27	168.761	292.298
25.0279	27.5562	25.3322	25.9204	25.6169	23.6668
0	0	0	0	0	0
0	0	0	0	0	0
0.931343	0.26673	0.47084	0.490022	0.306846	0.150977
0	0	0	0	0	0
20.2598	28.2143	17.6484	17.9343	21.5738	12.2708
7.99945	8.34712	10.7147	8.97333	8.51466	9.34782
34.1816	30.4802	25.6522	29.2717	33.7588	35.415
9.51277	10.6124	9.84205	9.5794	9.46102	9.05526
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
426.847	628.985	567.405	443.411	473.77	672.789
13.3317	17.6351	10.6661	8.16743	6.12772	7.27815
0.98824	0.683159	1.15672	1.14936	1.16215	1.36692
10.5377	11.0154	10.8535	11.0632	10.1295	8.54114
51.4336	51.8882	57.0507	49.8187	49.1416	52.6399
17.3603	14.3226	25.3915	25.8542	16.4027	15.2824
0.390978	0.492268	2.12E-67	0.308197	0.622448	0.247314

0.892615	0.263157	0.552131	0.647787	0.773377	0.808611
0	0	0	0	0	0
10.119	10.8053	9.36991	10.6077	6.77884	9.82522
63.3401	65.1075	60.7378	64.0924	69.5475	73.6329
0.0999874	0.0245156	0.00692414	0.0751683	0.0398158	0.0702502
13.8112	13.3237	13.7386	10.2342	10.61	15.6755
0.0363088	0.0519929	0	0.02635	0.0562944	0.0588591
0.161779	0.193051	0.13086	0.0782707	0.0836092	0.0874183
0	0	0	0	0	0
0	0	0	0	0	0
0.356064	0.304663	0.344193	0.283569	0.383938	0.399603
0	0	0	0	0	0.112757
0	0.0398929	0	0.0404355	0	0
28.5292	26.686	33.5976	29.5748	23.0114	27.9773
12.1456	20.0556	11.9118	12.7234	7.05739	10.192
0	0	0.00551565	0	0	0.0110538
11.3459	10.4768	11.2044	11.6632	11.3026	11.6712
9.62255	6.70722	9.18971	8.13241	8.4038	9.1726
9.6214	8.0075	7.88049	9.67481	8.50286	7.70618
0.382263	0.121641	0.137424	0.339063	0.296336	0.309837
12.6531	11.8168	12.0438	11.6084	11.1336	12.7187
0	0	0	0	0	0
0	0	0	0	0	0
14.67	12.9592	13.3602	12.7908	13.4996	15.3977
0	0	0	0	0	0
37.2728	38.7572	42.24	41.4483	42.5564	43.6896
13.0975	12.9867	13.7459	13.7385	11.4844	11.3118
13.1545	10.8443	12.8796	12.5245	9.56447	12.2321
27.0618	31.8832	29.1346	33.7459	47.6447	24.174
1.04513	0.941248	0.968698	1.14502	1.22848	1.03804
0.352225	0.386685	0.446355	0.604957	0.418677	0.352104
0	0	0	0	0	0
2.08E-10	2.95E-12	7.25E-10	3.87E-10	9.11E-11	1.08E-10
0.752471	1.04384	0.6467	0.625719	0.802075	0.546372
1.37582	3.09758	3.02065	1.71164	1.37129	1.59307
18.1452	19.2973	19.7249	20.3948	19.8646	18.4021
3.10689	2.97849	2.61787	3.29831	2.35508	2.89794
0	0.0650309	0.0244896	0.0219718	0.0234704	0.0490793
0.156251	0.402743	0.303333	0.362862	0.314934	0.202635
295.213	256.333	288.975	317.182	321.708	315.018
8.12859	8.59438	8.57235	9.28677	6.76249	8.57527
31.5808	24.0244	31.2309	30.3355	37.8908	25.0711
3.01701	1.92568	2.22774	2.5833	2.63144	1.93604

92.5672	71.0194	91.9871	81.1066	52.632	76.1255
45.7123	45.7326	47.1845	49.2587	48.0844	52.3959
22.3	24.6855	23.8264	25.7501	22.0927	20.5425
2.6838	7.51254	4.14438	6.72835	3.59363	2.76857
89.9499	108.876	97.5288	91.8686	94.1558	77.1386
0.481979	0.595276	0.575047	0.81324	0.40166	0.468792
16.3025	20.3372	16.5171	15.7244	13.315	16.416
3.81174	3.75775	4.6528	4.61349	5.23759	4.89728
0	0	0	0	0	0
0	0	0	0	0	0
6.03147	5.98409	6.62114	5.87788	6.54596	4.95855
0.473504	1.35608	0.383007	0	0.367067	0.383791
0.150043	0.397659	0.0902174	0.0386679	0.23832	4.51E-09
0.138075	0.0988589	0.111686	0.200407	0.107038	0
0	0	0	0	0	0
19.2815	13.2354	17.4448	14.113	15.4116	16.8801
0	0	0	0	0	0
16.9321	11.5937	14.9623	13.8761	12.5289	15.4855
1.11054	1.02231	0.727192	1.11297	0.614936	0.857269
1.78418	1.50099	1.29887	1.1977	1.00276	1.37383
1.05308	0.828444	1.30398	1.09444	0.634923	0.86409
12.408	10.9368	10.6402	11.1331	9.02693	9.49445
0	0	0	0	0	0
0.247084	0.0811435	0.162128	0.0816389	0.0859151	0.246898
3.05627	3.1172	3.40505	3.38976	3.10687	2.99135
1.23398	0.883505	0.99814	0.646765	0.318866	0.833484
40.3705	28.4629	30.9921	34.4896	27.3946	29.4907
0.0955058	4.88E-13	0.0258667	0.0463878	0.0987425	0.0773668
1.0024	1.07651	1.16283	1.28298	1.32908	1.13318
0.234728	0.605368	0.254241	0.292023	0.0343888	0.191775
2.88342	1.84895	1.96734	2.07436	1.84644	2.58082
17.5688	16.4395	18.2182	18.4647	21.9447	21.5969
39.8145	35.2725	36.591	34.1139	44.2298	30.8
0.554374	0	0	0	0.10744	0.224669
0.0192198	0.0206415	0.0272063	0.0383574	0.0335238	0.0662077
25.8415	26.0584	24.0505	26.5862	26.365	23.9779
10.2869	11.0213	9.8384	9.10291	9.48748	10.9127
0	0	0	0	0.0475757	0.0497432
0.287742	0.206018	0	0.208819	0.223062	0.233224
0	0	26.7321	23.9837	51.2391	26.7867
13.379	14.3291	14.0014	14.2343	11.1694	14.1509
24.447	27.0322	26.6363	24.293	26.7887	20.4441
8.74526	6.62582	7.05549	7.07338	6.98908	7.00523

0	0.0282329	0.0318961	0	0.0305686	0
118.311	97.4509	106.263	118.291	134.629	72.5673
67.3061	64.7948	71.11	72.811	74.4637	62.6527
29.6518	101.938	23.9847	47.7311	41.2526	214.894
5.71829	5.682	4.68471	5.00112	4.19137	5.09539
0	0	0	0	0	0
11.8151	7.77329	3.91138	7.04329	4.75894	5.67599
14.2525	14.8577	13.742	17.7903	15.3356	15.7346
0	0	0	34.1626	0	0
1.5333	1.07821	1.07415	1.23197	1.0719	1.10964
114.446	165.782	152.96	127.609	110.019	87.8479
59.0681	58.2309	53.0681	56.2626	52.7347	58.0125
3.13139	3.97448	5.98689	5.47467	3.19989	3.57641
20.6728	21.89	21.6781	23.1948	24.9192	21.9622
8.22787	5.82937	8.02672	7.55395	7.48113	8.39635
64.3511	56.8363	64.7968	69.2333	69.5876	60.4278
0	0	0	0	0.0234511	0.0245195
0	0	0	0	0	0
2.74882	3.05001	3.16673	3.27064	2.45844	3.27691
0	0	0.0842242	0.15113	0.121078	0.0421982
0	0	0	0	0	0
0.384129	0.0954068	0.731439	0.264049	0.384532	0.359021
147.636	249.569	193.781	134.136	120.189	308.452
0	0	0	0	0	0
0	0	0	0	0	0
23.5382	25.6035	24.5547	23.4263	25.3531	21.8302
0	0	0	0	0.0553014	0
0.0570415	0.0204203	0.0230699	0	0	0.023117
0	0	0	0	0.0340026	0
11.176	7.76776	8.5777	8.49583	8.74773	8.35364
0.404491	0.37015	0.302501	0.264926	0.53675	0.327854
0	0	0	0	0	0
22.2701	23.4848	25.9734	21.9249	26.3646	24.3474
2.17273	0.0648182	3.41737	0.284699	1.21647	1.27189
2.40181	1.59961	1.63938	1.81044	2.46881	2.78159
16.9807	11.9756	8.07891	15.2439	8.75821	8.56283
0	0	0	0	0	0
21.6017	20.1365	20.6121	21.5916	19.7695	19.6911
0	0	0	0	0	0
13.771	8.40437	8.22103	9.87225	10.5889	12.9814
0.0234314	0	0	0	0.0181644	0
7.1985	6.2711	6.48181	7.32722	5.7993	5.83314
0	0.0301156	0.0340232	0.0305252	0	0.0340927

76.1827	67.3637	80.9864	78.8326	69.0821	79.3529
11.5115	9.19609	8.4413	10.23	9.48811	9.26537
14.39	10.6532	12.0491	11.1654	10.9984	14.7948
0	0.086979	0.0982645	0	0	0
0	0	0	0	0	0
6.60641	5.13161	6.72031	6.33709	5.41709	5.45849
0.715285	0.224057	0.28929	0.291991	0.242594	0.144941
0	0	0	0	0	0
58.4421	38.4131	47.4822	48.4461	71.5427	25.2531
2.84544	1.59821	1.98415	4.96664	1.63535	2.96243
15.6418	11.3819	13.2995	12.782	14.9572	14.5672
4.49746	4.28605	4.76691	4.36685	2.98156	3.68305
8.64532	10.1425	8.20065	7.91187	8.39767	8.16114
18.3044	14.4696	16.8478	18.0421	19.4818	17.783
0.817257	0.351084	0.52885	0.474478	0.63355	0.353288
0.425021	0.304307	1.71896	0.616891	0.98845	1.03348
0	0	0	0	0	0
2.23876	1.61244	0.826004	1.71265	1.15268	1.59104
0.975857	1.10627	2.17071	1.59344	2.14341	0.856878
0	0	0.0245399	0.0440339	0	0
0	0	0	0	0	0
9.46449	7.63638	7.93323	7.67469	8.51318	8.7766
25.5977	21.1259	26.0179	25.9004	25.4566	26.149
0.118661	0.169918	0.159971	0.229638	0.168644	0.0641191
3.29866	3.37443	3.75265	4.44687	3.1255	2.9825
12.9051	15.8521	16.9457	14.057	16.6926	12.3117
15.9343	17.927	17.005	17.8847	13.9366	15.5078
1.33551	1.24007	1.14778	0.514889	0.355886	0.389014
143.052	211.516	212.054	82.6916	113.895	148.681
0	0	0	0	0	0
0	0	0	0	0	0
17.6677	17.897	14.4118	16.7132	14.0596	16.8299
23.2965	20.4905	24.3546	22.4687	25.6044	22.5063
18.723	19.342	17.9079	18.8081	15.254	14.7865
20.1476	22.9687	19.3454	18.8693	20.0767	9.38868
25.3216	17.6378	23.9428	23.8173	20.8918	23.7366
56.9273	47.2099	53.2432	52.6076	49.2531	52.1238
57.792	50.7255	51.0136	52.66	57.3407	42.5677
0	0	0	0	0	0
1.75016	1.97455	1.84466	1.84765	1.19229	1.28997
50.9714	40.9981	40.2648	49.5048	54.3105	39.7318
25.1712	22.4623	25.3768	23.6149	23.3026	23.5954
7.94264	6.7515	9.32248	8.97721	8.04368	7.86226

16.6991	13.3286	13.5338	12.9912	12.0387	15.1151
10.8464	19.1255	9.65611	8.4733	6.73343	3.55548
0	0	0	0	0	0
196.991	240.461	257.413	243.495	274.467	261.79
0	0	0.0143821	0.0129035	0	0.0288231
0.0826862	0.0986696	0	0.180021	0.0427331	0.0893599
179.397	257.879	239.035	192.166	212.417	192.216
6.23157	6.69159	4.53624	6.59136	5.35633	7.42963
1.47739	1.39779	1.37642	1.22534	0.797617	1.38993
36.285	46.2667	39.8394	41.3714	36.7098	37.7192
20.9315	19.2638	17.5916	17.4404	16.7423	19.0741
17.5905	15.6117	12.9645	14.6741	10.8869	11.0411
15.4066	13.6415	14.4685	14.3283	14.569	14.3132
1.21373	2.16681	2.05469	1.02463	0.59423	2.48278
40.1352	39.0039	46.3807	39.0548	40.6941	37.6486
1.87654	2.06429	1.88324	2.05305	1.60783	1.24695
11.9786	10.5557	9.8995	10.9221	9.45086	10.8389
18.5323	14.3572	16.3249	12.7315	15.0557	16.9306
0	0	0	0	0	0
0	0	0.083315	0	0.106463	0
1.5495	1.24497	1.61539	1.71171	2.08201	1.5071
1.90216	1.02935	2.59419	1.41254	1.83466	1.57762
56.5406	57.8158	51.25	52.9124	45.2566	48.1878
17.0439	16.7161	21.3052	20.9811	22.5554	17.752
2.55742	2.44528	3.05714	2.0028	2.75424	2.45334
1.66515	1.00154	1.25715	1.8203	1.18729	1.2957
0.169362	0	0	0	0	0
0.222274	0.134278	0.101134	0.022684	0.0323082	0.158345
7.31281	14.1561	11.8304	5.30704	7.13875	11.8546
5.52356	3.78922	5.17445	4.04584	4.93918	5.51821
0.227968	0.163221	0.248939	0.253332	0.149111	0.032482
0.461671	0	0.147529	0	0.0436547	0
11.216	10.8029	10.274	11.1073	10.1957	10.7955
0.292062	0.295215	0.152863	0.149615	0.0665914	0.250651
41.2223	44.0462	41.2587	41.6219	33.5709	37.6524
39.6609	27.884	37.3463	35.8364	32.9871	35.5127
15.158	19.3747	17.8924	17.9653	13.0881	20.1361
8.82845	6.91106	6.95619	8.72683	6.24406	6.36025
1.44352	1.77083	1.39617	1.84837	0.872164	0.905999
13.3886	11.0679	11.0115	12.2055	10.5808	11.7243
1.07088	1.66336	2.3061	1.20225	0.814847	0.917513
19.6792	18.1606	23.4725	21.5874	25.669	26.638
0	0	0	0	0	0

0	0	0	0	0	0
30.8107	35.7836	30.4741	28.8169	42.8825	28.3523
2.31944	1.9067	1.87615	2.17577	2.08442	2.20028
9.81726	8.52711	9.64014	9.58433	8.40302	10.3108
0.107774	0.19291	0.0871763	0.156427	0.0417741	0.0873545
7.99092	8.77424	9.73386	11.0482	7.39445	8.21774
0.257327	0.210561	0.178411	0.133391	0.256479	0.0595921
0	0	0	0	0	0
0.431696	0.282078	0.416682	0.538666	0.481337	0.454524
8.90951	7.56034	5.87214	5.37105	5.99319	5.11997
42.5005	46.0137	38.5304	40.4587	40.7502	35.2365
26.9043	27.2775	28.139	29.2161	27.0332	25.6952
0.365706	0.364814	0.412148	0.522381	0.455048	0.386085
2.15995	1.58614	1.79194	2.25079	2.23257	1.70582
1.11071	1.22345	0.898428	1.24009	1.49026	1.38502
0.515545	0.529349	0.544145	0.490104	0.491301	0.585544
10.4381	10.3303	9.02737	8.98427	6.16714	7.85336
0.0921611	0.0329928	0.0745473	0.0334415	0	0.11205
0	0	0	0	0	0
29.644	25.2771	25.4916	30.007	29.1904	28.2264
0	0	0	0	0	0
1.64608	1.72721	1.62992	1.44175	1.58409	1.70228
0.291551	0.782794	0.47166	0.423168	0.226015	0.649858
0	0	0	0	0	0
82.3471	80.186	59.7719	76.583	107.073	36.8499
32.0184	33.8567	32.1866	31.4966	35.7969	35.1026
55.7395	51.6512	54.6018	54.0718	34.9391	46.3853
0	0	0	0	0	0
9.01898	7.64458	9.22577	9.93636	9.83506	8.8374
0.278254	0.531266	0.182203	0.182702	0.184892	0.0751781
43.8287	45.9471	43.0483	44.2667	42.4195	42.2985
0.563532	0.158946	0.497269	0.235465	0.21181	0.304508
12.8805	11.9106	14.2763	13.9082	12.7376	14.5842
0.176772	0.126565	0.285974	0.256573	0	0.143279
0	0	0	0	0	0
1.82908	1.52785	1.6028	1.65924	1.33916	1.3178
0	0	0	0	0	0
0	0	0	0	0	0
2.44327	1.91753	2.34686	2.1482	3.33281	1.66615
18.9651	19.7548	20.625	19.7013	18.4882	14.6007
0	0	0	0	0	0
0.154377	0.082898	0	0.0210061	0.0224389	0.0234612
10.6413	7.51971	7.04683	7.19236	7.17274	8.86815



3.16943	2.73342	3.9038	3.86837	3.8344	3.79501
0	0	0	0	0	0
1.83614	1.31464	1.06441	0.710677	0.782872	0.892952
0	0	2.40E-05	0	0	2.33E-05
4.66621	7.39775	4.62814	4.55545	4.6939	6.16846
0	0.172943	0	0.0280463	0.159787	0
16.4194	12.717	18.0221	16.1368	14.4281	17.7689
8.96562	9.01197	9.1836	9.99963	7.16497	9.21206
25.8929	28.5505	27.6096	32.8557	29.0325	30.5525
16.7334	16.8021	16.9717	17.0096	13.4425	16.6082
3.11232	2.11966	2.39469	1.65268	1.80469	2.4406
7.40228	5.69836	8.39221	6.65589	8.11314	8.25569
17.7239	15.2641	17.9919	18.3133	17.2145	17.6488
0	0.0686877	0	0	0	0
0.672726	0.256885	0.435323	0.35802	0.278137	0.436213
64.8515	62.939	63.5868	54.1469	87.9943	33.5075
13.922	9.59739	12.2925	11.6516	14.5307	12.5223
0	0.382295	0	0.332138	0.118264	0.185478
3.20814	2.29503	3.07246	2.91267	3.19801	2.74932
85.1137	98.4909	88.7884	90.924	79.2822	84.2596
4.73856	3.27068	5.4047	6.185	5.74795	6.97692
24.4656	19.9431	22.0683	21.9378	19.1856	21.866
24.3629	27.1589	35.9794	33.0208	28.5327	36.9281
0.160534	0.0459758	0.0519412	0	0.0248897	0.0260237
1959.78	2129.8	2236.3	1447.64	1275.08	1701.93
0.61161	0.609933	0.689072	0.586524	0.474129	0.619663
5.13E-24	1.59E-20	0.191629	2.12E-31	1.51E-24	1.32E-20
0	0	0	0	0	0
3.11712	3.67591	2.07643	2.52829	1.42144	1.93205
13.9286	15.4414	18.4747	16.521	25.2139	15.3563
3.05229	1.40753	2.72002	2.2151	2.20576	3.0191
0.367224	0.0108764	0.0811686	0.348529	0.173047	0.241622
0.0291765	0	0.00842824	0.0665561	0	0.065285
0	0.083374	0	0.0422539	0.0451358	0.235961
0	0	0	0	0	0
12.2863	8.86208	14.6334	11.8746	11.9364	13.6593
8.82725	10.5915	11.0396	8.16239	7.97813	8.10958
0.0162818	0	0	0	0.0126219	0
0.26872	0.160332	0.0724541	0.162513	0.190956	0.145204
16.7934	13.3766	15.9694	17.0487	18.6014	17.7413
0	0	0	0	0	0
13.6327	10.7633	11.7447	12.2006	11.7477	12.9116
13.2212	23.8238	13.04	14.4815	12.2687	15.3772

111.358	152.345	154.885	121.835	119.926	162.264
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
6.07277	5.25883	6.25181	6.28842	4.2053	5.19456
0	0	0	0	0	0
11.9877	11.0439	11.1073	11.6119	9.55556	9.78505
0.131805	0.132117	0.170583	0.0382612	0.0408708	0.192298
0	0	0	0.163544	0.349398	0
0.254368	0.182123	0	0	0	0
8.44669	11.0703	5.90593	8.41564	9.32258	9.97939
23.1013	25.1615	26.0049	23.5296	17.0745	25.7627
1.54962	2.40391	0.417819	1.68688	1.50161	1.15135
0.302969	0.253073	0.163376	0.329805	0.336756	0.245566
0	0	0	0.0129128	0	0
22.4151	20.8263	22.7853	20.7031	22.2872	21.3772
5.41631	3.69568	4.71046	4.69502	4.57558	4.68074
0	0	0	0	0	0.0194806
9.18431	6.70936	8.03803	8.67404	7.63992	7.91229
6.34604	3.95004	2.0361	2.25958	4.03707	3.88999
0	0	0	0	0	0
0.0377386	0	0	0.0821627	0	0
7.09753	4.65525	5.87441	7.18529	5.47929	5.7989
0.727917	0.613147	0.692703	0.403965	0.63068	0.381765
0	0	0.018119	0.0325124	0	0.0181561
60.0813	63.9604	63.7288	61.1646	57.2562	59.7194
0.995312	0.528721	0.129853	0.489311	0.721802	0.468426
0	0	0	0	0	0
16.5854	20.1774	16.6615	15.0793	8.29735	13.8236
0	0	0	0	0	0
9.96996	11.5546	12.9772	12.362	11.266	11.3485
9.47702	7.76861	8.55662	8.31829	7.92646	9.11413
10.451	11.4514	11.9093	9.68443	8.48539	9.93544
34.7001	30.8454	33.7457	34.3744	34.1082	33.3619
8.67978	7.41796	4.48445	5.27957	4.67703	4.66645
14.5141	13.6394	12.8644	14.1454	12.8128	12.3939
0	0	0.0261522	0	0	0
0	0	0	0	0	0
0.016157	0.0347043	0.0522763	0.0234508	0.0375755	0.0130958
0.12945	0.0772364	0.174516	0.0782868	0.167253	0.174873
0.146585	0.104952	0.11857	0.0236398	0	0.118132
11.5558	11.794	10.7912	12.8635	15.0275	15.103
0	0	0	0	0	0

1.18015	1.02569	0.750197	0.73386	0.65326	0.819627
16.2694	15.2896	15.0081	14.0775	11.09	12.8109
0.712559	0.689403	0.577507	0.423701	0.752641	0.840002
18.3576	11.8025	15.811	15.9586	14.3827	17.2692
0	8.39331	0	0	0	9.50173
0.538201	1.6377	2.82971	0.979169	1.46028	1.74492
0	0	0	0	0	0
1.13231	0.608759	0.870744	0.986533	0.965564	0.825999
0	0	0	0.0183884	0.0196425	0.0616123
9.82561	11.7507	20.7864	12.9293	9.70953	6.12614
7.94513	10.6791	11.7731	10.7504	7.81721	7.24384
1.60224	0.860378	0.81001	1.01742	0.31052	0.973999
0	0	0	0	0	0
4.95726	5.71974	5.79838	5.44812	5.55706	6.17157
12.8916	11.4874	12.5587	13.2734	12.2704	13.3545
28.8067	19.7156	26.6786	27.243	30.157	27.3217
0.0265029	0.0759024	0	0.0384673	0	0.0859261
54.6862	71.8784	41.56	56.2578	34.2309	45.5837
149.489	147.552	151.437	153.406	175.016	135.382
0	0	0	0	0	0
0	0	0.170493	0.0382409	0	0
0.0377772	0.0811433	0.0305572	0	0.0292855	0.0612394
5.92325	5.37685	5.17197	5.20815	4.41447	5.31457
13.5344	9.46149	6.81001	6.41922	7.10489	5.96014
24.4912	21.9168	30.9108	26.5983	27.6121	29.6356
4.29406	3.77714	3.74039	4.14411	3.43634	4.07402
0	0	0	0	0	0
10.2661	8.87693	11.1359	10.0674	10.6317	11.4787
15.1725	10.3767	12.2924	15.0896	14.1696	12.3444
0	0	0	0	0	0
2.39704	1.66033	2.31786	2.43087	2.56035	2.88584
0	0.157902	0	0.16005	0	0
29.7295	25.0842	29.432	28.6943	27.7803	28.194
12.5992	12.1048	14.2602	11.8483	17.1675	17.4505
0	0	0	0	0	0
0	0	0	0	0	0
1.20053	0.903221	0.985964	0.789658	0.709139	0.845854
4.36038	3.49361	3.86293	4.06852	3.67533	3.30984
4.54427	3.35487	3.70692	3.23628	2.94541	3.07195
0	0	0	0	0	0
0	0.0173209	0.0233404	0	0.0187539	0.0196083
0	0	0	0	0	0
13.4179	12.2433	14.0843	12.4551	12.337	10.7745

9.47574	5.39752	6.45047	7.21861	7.60267	7.265
6.54439	4.8028	6.61704	5.96312	6.69396	8.76708
6.16645	4.88065	5.7936	5.90387	8.1373	7.32127
7.71155	5.76048	5.69735	5.17483	2.47681	4.02572
0.826449	0.710066	0.401099	0.359861	0.768811	0.803837
0.354592	0.190411	0.143411	0.193	0.206164	0.287409
0	0	0	0	0	0
0.0566197	0.0405386	0.0114496	0.0410899	0.0493791	0.0516287
23.9541	22.1503	25.6309	25.3511	19.5462	20.6556
9.41868	6.4777	8.56152	7.58397	6.51778	7.97699
12.998	10.5171	12.4762	13.3627	10.2159	10.6771
0	0.144573	0.489995	0.14654	0.156534	0.163666
0.143157	0.122997	0.301072	0.145448	0.155369	0.208861
0.407852	0.525412	0.658375	0.650658	0.630389	0.725495
42.8202	49.6131	47.5795	48.8411	45.4344	38.8652
1.8665	1.28013	0.461415	1.53988	2.66994	1.60095
3.77935	2.15517	3.73337	3.42236	4.01877	3.74101
16.3966	11.614	12.614	13.5732	13.3523	14.1638
3138.03	6184.6	4009.41	3511.67	2976.74	6053.21
39.8225	40.6866	42.1003	43.7774	33.431	43.0681
29.9323	22.6106	25.8776	31.9857	28.526	26.3756
1.13182	0.438032	0.618584	0.710383	0.118568	0.545467
83.6645	78.7883	49.1954	46.2196	32.5481	35.0803
0	0	0	0	0	0
5.39678	4.81965	5.99582	5.41411	4.3094	5.31781
0.0299442	0	0.0242213	0.0434621	0	0
67.0081	56.5015	63.1186	63.8392	75.3708	59.4726
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
4.32891	3.00051	5.01369	3.08219	3.10886	3.92539
0.245117	0.00725994	0.0770069	0.26354	0.190018	0.230123
15.1981	12.0467	14.6137	14.5525	15.8872	14.4201
2.49622	1.98496	2.27433	2.43804	2.03371	2.73978
2.14491	1.9154	2.40055	1.57802	2.57078	1.53285
7.83272	5.05199	8.00332	6.91872	5.61654	7.27899
0.69317	0.414874	0.528358	0.678266	0.526608	0.260967
0.24411	0.196625	0.0987279	0.199299	0.141928	0.0247324
0.142263	0.458359	0.345221	0.464592	0.716848	0.288272
5.78529	6.41438	5.15908	4.08369	3.88948	3.78347
21.6932	22.5695	21.7757	24.2394	19.8503	19.892
0	0	0	0	0	0

88.7641	67.8481	82.1605	79.8247	64.1838	78.4425
35.0035	35.0538	31.4338	30.4057	37.992	33.1186
0	0.168587	0.0476461	0.299165	0.182686	0.143395
0	0	0	0	0.168523	0
0.310026	0.206118	0.214949	0.449983	0.22317	0.161541
0	0	0	0	0	0
0	0	0	0	0	0
11.9359	13.0502	10.4017	10.9608	13.0083	14.7673
8.8463	10.8228	11.8797	11.0635	9.88721	11.173
0.613417	0.575161	0.507403	0.385766	0.622186	0.657887
0	0	0	0	0	0
0	0.0946105	0	0.0958972	0	0.21421
0	0	0	0	0	0
3.28595	2.56741	2.19385	4.41922	1.66789	6.88038
134.106	128.401	127.022	126.953	141.601	124.085
0.419213	0.253972	0.469513	0.280828	0.374977	0.444336
3.38296	2.64235	3.239	3.66086	2.77024	2.7429
33.4459	25.3257	29.7812	29.5979	26.9362	28.5801
93.7325	100.748	94.8431	85.325	114.784	103.075
0.866266	0.628293	0.181951	1.49685	1.01606	2.00622
5.86023	6.86292	5.73236	6.29689	6.19812	5.11812
16.718	12.4145	12.155	13.8363	10.2395	13.396
8.73477	6.93206	6.00131	6.79722	6.40421	6.69598
6.05164	6.26658	5.26927	7.98417	5.95652	5.8574
7.47976	8.06539	6.97499	6.60382	4.69651	7.70432
1.97429	2.60094	2.108	1.60471	1.71416	1.53622
0.654675	0.366836	0.569845	0.325347	0.314438	0.605617
12.9213	16.2741	12.5422	17.7742	19.7605	22.1365
14.3423	10.701	13.5262	12.3113	17.0647	14.1011
1.93146	1.00214	1.40384	1.4017	1.32363	1.4294
0.0209443	0.0149957	0.0338828	0.0303993	0.048709	0
73.2283	86.5317	88.924	63.2582	91.5519	79.5543
0.34232	0.334183	0.343993	0.274764	0.381928	0.302674
0.232479	0.124838	0.141036	0.27416	0.0901106	0.11777
7.57056	5.85183	5.9964	5.20848	4.35161	7.39345
2.71479	1.78494	1.64375	2.57671	2.18447	2.0941
18.4893	15.6735	18.0442	19.7219	15.0993	18.1323
13.6887	13.592	15.0208	13.8924	14.6507	15.6106
27.6479	23.6685	20.6018	21.6025	20.8316	12.0176
6.51761	5.21049	6.04053	4.73562	4.14467	6.20355
18.3318	19.5255	14.7164	18.7561	15.8944	15.6328
2.03722	1.50794	2.02205	1.27149	1.51062	2.02635
6.06264	3.82493	3.78424	4.95341	3.80671	5.02722

2.81064	1.90645	2.78201	2.76437	2.92425	2.51792
0.312328	0.139763	0.0789486	0.127497	0.226989	0.189864
0	0	0	0.0294021	0	0
48.5787	45.5413	49.4234	54.0385	57.9459	51.1492
9.82636	8.10013	7.70386	10.3764	12.0725	10.8798
14.0193	12.3119	13.7647	13.7192	13.9591	12.8582
0	0.00735651	0	0	0	0
0.330684	0.157842	0.118882	0.0799945	0.0854506	0.0893436
15.5326	12.8045	11.0079	13.1079	12.7868	13.2827
0.821404	0.58811	0.797301	1.17518	1.25534	1.06524
29.1413	25.6217	28.4747	29.8784	32.8741	29.9312
267.08	287.032	338.722	407.368	274.41	432.684
0	0	0	0	0	0
214.892	179.492	218.582	185.157	217.827	234.845
0	0	0.380057	0	0	0
0.261011	0	0.633379	0.37884	0.303509	0.528895
8.9108	7.33115	10.2481	9.47669	9.19364	9.32359
0.118982	0.0425944	0	0.129521	0.27671	0
0	0.400645	0.223791	0.100391	0.214477	0.448496
14.4496	10.1894	11.3349	12.5456	11.54	11.6412
35.0697	30.2092	36.0496	35.843	35.6192	34.2026
0	0.0522196	0	0.070573	0	0
37.9646	27.6038	32.9341	33.6346	25.8489	32.6964
0.0254514	0.148821	0.0823491	0.388859	0.180394	0.229216
0.721278	0.937209	0.475385	0.465284	0.600564	0.346441
26.5083	19.6815	29.2287	26.5129	26.5905	32.6157
0.579161	0.6597	0.447178	0.372545	0.275507	0.458761
1.30529	0.983835	0.960512	1.87356	0.861335	0.898269
8.16346	9.27359	10.0209	9.60149	9.31887	8.93758
5.01472	3.43434	4.93811	4.43042	5.07063	4.24132
0.27589	0.040401	0.029342	0.114661	0.0437435	0.0130675
0	0	0	0	0	0
0.0545644	0	0	0	0	0.0884525
188.627	165.467	140.011	127.905	118.615	155.743
1.98959	1.94933	1.10113	1.10191	2.35413	1.9097
8.12776	10.6038	7.46696	6.92915	6.45327	6.21501
14.8928	16.7602	13.9073	14.7621	10.5126	12.6599
12.4283	10.8986	12.749	10.3858	11.9035	14.2542
242.323	280.779	322.029	184.927	398.1	98.2328
0.373071	0.100167	0.150885	0.372273	0.0361513	0.0755966
4.5803	4.00036	4.4257	4.0483	3.59217	3.50304
9.1643	9.09119	5.11306	6.16992	5.00725	5.99607
0.75765	0.738353	0.714989	0.840034	1.07679	0.733509

0.762183	0.727611	0.671305	0.971041	0.393904	0.672677
0.100291	0.119678	0.162247	0.315394	0.259158	0.162579
83.3288	69.7466	83.7749	98.5266	82.8576	87.0162
10.2306	11.9452	10.6306	12.6217	12.4149	9.40848
5.99802	3.26696	6.22086	6.38243	5.59112	6.50201
62.4608	51.0791	50.3796	52.6331	52.2759	50.2907
2.63739	2.54586	2.16666	1.81573	1.45582	2.18063
7.74918	6.40056	7.32247	6.35355	5.57096	7.8226
0	0	0	0	0	0
3.66997	2.77995	3.35577	2.81776	2.92748	3.79373
18.3807	17.9048	20.2917	20.2092	17.9388	20.5889
8.70024	7.46545	8.77723	8.6217	11.37	8.844
102.026	76.0208	87.049	105.311	84.274	93.3135
8.43E-71	0	1.31E-37	0.112618	0	0
41.9003	39.8933	38.6219	43.4424	28.4571	37.2557
5.79599	4.10832	5.22741	5.06854	4.89753	5.14414
2.1393	1.34644	1.83353	1.92822	2.41098	1.99453
1.9229	1.72977	1.95421	1.41337	1.47155	1.79835
26.6894	26.7778	28.4609	26.7694	23.7895	27.7364
14.7739	15.6971	14.983	16.3912	9.48375	14.6221
11.1224	7.36525	7.2987	9.3104	8.68609	8.13377
1.20107	1.17671	1.5676	1.77205	2.02814	1.811
18.9876	22.1626	25.556	25.7609	24.0602	21.516
1.16192	0.85531	0.289083	0.437673	0.0923506	0.193116
0	0	0	0	0.148028	0
0	0	0	0	0	0
1.94302	1.39117	0.698521	1.30564	1.00417	1.8082
0	0	0	0	0	0
25.5722	25.0695	25.9002	24.4112	21.5522	28.8585
6.91801	6.91671	6.19056	6.632	7.06035	6.36231
5.15012	8.41905	6.36228	4.23019	4.555	5.95786
0.0591571	0.127066	0.047851	0.128794	0.183438	0
3.69569	3.79242	4.64341	4.35244	3.76384	3.5809
0.10986	0.0786575	0.222158	0.119591	0.17033	0.133568
0.149466	0.21403	0.0604501	0.0542352	0.0579343	0.0605737
0.278501	0.405817	0.653697	0.326144	0.293214	0.421016
0.0291026	0.0104185	0	0	0	0
0	0	0	0	0	0
5.77498	5.71135	4.53684	5.35183	3.60725	4.78184
51.8077	45.3363	35.126	54.5278	50.4179	38.7995
8.67462	10.1168	12.8146	10.8836	8.84565	11.1939
14.7169	12.7317	14.3529	16.3666	17.0604	17.1501
2.05687	1.35327	1.52886	1.70787	1.29285	1.98257

6.64124	7.81804	4.48213	4.33179	3.26907	5.23434
80.686	75.6106	77.4288	88.5705	84.4934	82.8947
6.76076	6.44402	6.11804	6.71564	6.55131	6.02781
0	0	0	0	0	0
0	0	0	0	0	0
10.9124	11.4712	12.2875	11.7186	12.1539	14.4178
32.2383	25.5059	28.167	26.5748	39.0139	23.1285
0	0	0	0	0	0
0	0	0	0	0	0
11.6532	12.5182	8.63525	10.2098	6.67951	9.74826
4.52997	4.17875	4.44887	8.51339	3.41359	4.60859
0	0	0	0	0	0
18.2716	15.613	16.7694	16.6126	17.7003	20.4316
29.7555	26.7474	22.3395	25.5932	27.777	28.2187
127.943	209.382	178.034	142.676	223.609	136.568
4.61425	5.50619	6.02922	6.4397	4.03563	6.80873
1.30392	0.843597	1.04201	1.03748	1.36399	0.929536
2.98455	3.02389	2.15602	2.35665	2.03719	2.38865
0.365245	0.156905	0.324983	0.238558	0.169886	0.266439
9.9193	8.73426	8.75293	9.54821	9.16484	8.13847
17.196	15.6734	15.1312	16.2695	16.8572	16.6223
19.4237	18.1361	19.6056	17.5496	19.2633	22.3922
0.211592	0.159912	0.228203	0.142182	0.197443	0.161975
63.9842	57.4763	66.3444	67.0877	64.9779	62.169
46.312	51.8452	43.5476	51.4039	47.9031	32.2362
6.07902	5.40678	6.68861	6.52157	5.61993	6.0596
21.6009	22.7106	20.8584	22.262	21.105	21.2896
56.7552	47.2969	53.0745	54.8371	47.4746	58.4923
0.914063	0.333642	0.60889	0.637338	0.555761	0.828041
2.55517	3.32628	4.17123	2.69721	2.449	2.07105
0	0	0	0	0	0.0857596
0	0	0	0	0	0
0	0	0	0	0	0
4.44365	1.70528	5.11465	4.24054	3.93477	4.00671
4.62548	3.65297	5.14734	5.12674	4.86792	4.77159
9.57515	8.38305	16.6541	11.8815	24.576	22.3983
9.50071	9.20838	10.0003	8.76154	8.69849	9.5482
2.31597	1.46686	0	0.129288	0.345265	0.072199
0	0	0	0	0	0
0.945918	0.146678	0.781775	0.855643	0.599875	0.969584
0.0221416	0	0.0119399	0	0	0
8.80957	11.5873	2.79966	6.53376	8.12449	4.33981
5.08077	6.45241	7.57574	7.18161	5.65093	7.48385



47.3105	56.2657	50.8616	52.4075	54.1076	54.7597
0	0	0	0	0	0
10.4829	8.81904	8.65286	10.253	8.66213	8.26502
18.2007	15.6981	16.984	15.3687	14.9213	14.4197
15.0238	10.2519	12.1112	14.1001	12.5616	12.9407
7.73E-09	0.415174	0.370546	3.96E-09	0.0908337	3.02E-09
0	0	0	0	0	0
0	0	0	0	0	0
44.6822	0	0	32.4267	34.6384	0
0	0	0	0	0	0
0	0.112848	0	0	0	0.0306983
0	0	0	0	0	0
8.57121	7.0524	9.98028	9.46838	10.4223	9.03424
2.70449	1.98623	2.17688	2.55235	1.882	2.46434
0	0	0	0	0	0
11.2246	10.8273	9.42842	10.7103	9.16308	9.81099
4.34231	3.66265	4.28323	3.62526	4.16538	3.42754
0.16297	0.272261	0.0878822	0.11827	0.0842246	0.0880618
0	0	0	0	0	0.00456154
91.2912	97.6358	77.3784	84.191	70.7093	76.8254
4.3001	4.01221	4.6808	4.36555	3.24485	5.54314
6.29019	5.07555	7.61182	6.50317	4.41184	5.78629
0	0	0	0.0595413	0.0636023	0
0.149014	0.213382	0	0.270354	0	0.301951
12.846	11.7268	7.83643	9.96348	8.7136	9.3275
0.139907	0.500854	0.113168	0.101533	0.216916	0.340198
1.9855	2.0102	2.6098	2.73549	2.17651	2.14995
38.8581	38.9504	41.9431	46.5378	43.8189	38.7588
5.6879	4.85711	5.50977	5.73866	5.37725	4.38534
0	0	0	0	0	0
0.246425	0	0	0.715342	0	0.199736
0	0.138509	0	0	0.299937	0
17.4236	9.17035	9.20518	18.4017	34.4832	7.99647
4.32226	2.45205	2.02512	4.05095	2.98449	3.12046
124.798	122.946	101.291	78.1012	151.001	70.1393
0	0	0	0	0	0
36.0344	29.7057	36.5717	35.1406	42.3859	30.737
5.09958	3.71106	4.84119	3.21971	2.99449	4.33427
0.333105	0	0.488987	0.438714	0.688609	0.239994
11.7226	8.13529	10.395	10.4527	10.8542	10.2784
2.59973	2.52864	1.58707	2.70542	1.06472	1.35177
0	0	0	0	0	0
155.876	270.245	252.203	151.552	143.381	310.144

55.5367	53.5257	55.878	48.5879	65.1983	38.4228
7.02452	5.48577	6.85586	6.33479	5.77492	7.26499
0.264061	0.189063	0.213594	0.191634	0.204704	0.21403
14.2603	17.5549	10.5307	12.1153	10.9978	6.76562
0.0980727	0.0702182	0.079329	0.0711731	0	0.0794912
0	0	0.121211	0.434997	0	0.607294
2.87589	3.45463	3.47833	3.17465	3.16249	3.05319
1.09502	0.462038	0.599863	0.771345	0.525134	0.445103
0	0	0	0	0	0
4.02153	4.96226	4.2911	5.83699	4.44417	3.12088
1.3318	2.54277	2.15453	2.57736	2.23693	2.69866
0.308169	0	0	0	0	0
0.409038	0.309134	0.14705	0.11544	0.0176163	0.147351
0	0	0	0	0	0
0	0	0	0	0	0
38.4089	38.7571	39.3412	32.4539	37.3665	34.8798
0.956409	1.11886	1.0751	1.05361	1.5844	1.82458
7.04248	7.27493	8.57312	7.04332	7.93113	7.59669
8.71181	9.47782	5.68931	4.22242	5.49031	5.51747
75.7685	81.3311	81.8007	82.2785	68.9673	78.3434
10.098	7.7993	8.82734	9.16041	8.61406	7.97535
13.6398	14.6564	12.8104	13.7498	13.0738	12.8252
0.196093	0.124797	0	0.126495	0	0.141278
0.409313	0.293061	0.066217	0.118818	0	0
0	0	0	0	0	0
79.9801	74.2982	33.8002	68.2878	38.6187	35.922
4.50503	2.42697	3.8563	3.5868	4.23832	4.62639
1.29838	0.753393	1.46561	0.763624	0.501179	0.374006
0.254842	0.121641	0.240492	0.123295	0.164631	0.103279
0	0	0	0	0	0
9.47535	7.80818	9.31424	8.67477	9.21611	9.52231
0	0	0	0	0	0
0.0193498	0.0145468	0	0.0216038	0.0161541	0
24.2134	19.8486	22.3636	25.8073	22.5517	21.9655
2.11839	2.0412	1.50534	1.76724	1.41199	2.13425
11.3023	8.67193	10.2948	10.3763	8.61111	9.54153
0.329488	0.306679	0.386449	0.251071	0.332052	0.280414
36.2823	34.117	32.948	35.9853	38.1021	29.7609
0.622812	0.297281	0.335853	0.75331	0	0.84135
4.13007	4.32498	3.59536	4.30479	2.61473	4.04208
0.238172	0.113287	0.219909	0.282965	0.185053	0.528891
6.65646	4.87065	5.11802	5.0696	4.64985	5.79549
0.032938	0.070749	0.0266429	0	0	0.0266974

1.1519	1.38904	1.47118	0.681964	1.01047	1.27763
12.9289	9.21467	10.9639	9.66379	10.0189	11.2794
9.6891	9.77317	8.24469	6.99559	9.25512	7.0275
125.016	164.231	154.539	144.342	140.69	133.368
0.0399015	0	0	0	0	0
0	0	0	0	0	0
0.114638	0.164158	0	0.0415975	0	0.0464591
0	0	0.0448569	0.0201225	0	0
0.136821	0.122451	0.0553357	0.248233	0.106066	0.138622
6.96871	7.09865	7.30228	7.51702	7.4281	8.16447
1.06471	0.158816	0.179422	0.482926	0.0343909	0.107873
0	0	0	0	0	0
2.88705	2.20262	2.25871	2.23258	1.98126	2.60858
12.3517	11.3249	11.5005	13.6715	12.0552	11.1639
0.125606	0.121407	0.155575	0.0962979	0.13923	0.251873
0	0	0	0	0	0
22.9045	21.8619	23.2586	24.7375	25.4977	22.6714
0	0	0	0	0	0
16.4615	13.7837	8.65121	10.484	9.08423	7.68894
0.335252	0.397854	0.204905	0.463428	0.196375	0.293987
7.85674	7.39322	7.86225	8.01508	7.2566	7.67818
24.4661	24.4871	25.1495	26.5739	28.6485	24.496
14.9868	14.2814	14.4833	15.3852	14.408	15.1515
0	0	0	0.097824	0.104496	0
2.99019	2.6292	2.65209	2.4175	2.50105	2.25357
0.4981	0.118877	0.0671506	0.0602467	0	0
0	0	7.0489	0	0	14.1266
48.1428	86.1733	194.709	104.814	149.284	117.064
28.3823	29.1688	31.6904	33.8981	32.8062	28.7533
0.313227	0.475756	0.0725073	0.781847	0.050187	0.674289
0.0762764	0.0364083	0.0321346	0.184517	0.0307972	0.0412164
0.283578	0.101518	0.22938	0.308696	0.879335	0.229849
4.84112	4.13206	3.66512	2.87294	4.73274	4.50378
116.786	220.89	105.762	102.435	115.166	111.565
3.52296	3.02685	3.82667	3.48195	3.48534	3.48096
11.7544	13.8904	10.084	13.8431	11.6447	10.8976
1.10452	4.40596	2.55263	2.336	1.63909	3.65773
4.8503	1.94046	2.88499	3.82958	3.31751	3.46773
57.5703	55.1909	63.9009	65.2445	56.5251	63.1365
115.199	105.614	127.332	92.4855	90.9814	89.4003
15.0289	13.7776	14.0457	13.9281	15.3504	12.3872
1.76657	0.754339	0.803977	0.807195	0.631012	0.896463
12.6096	11.2963	12.9668	12.0363	10.2168	11.5433

0	0.0240609	0.122367	0	0.117274	0
14.5705	11.5193	14.4496	13.8694	14.8651	14.2148
10.871	8.73963	10.8115	9.94902	10.0767	10.9566
0.530029	0.379491	0	0.384652	0	0.429606
116.929	125.836	158.219	171.548	140.444	195.692
0	0	0	0	0	0
20.8952	19.5088	22.4457	18.4395	14.1249	18.5622
0	0.423145	0	0	0	0
16.8133	13.6517	15.3964	15.4312	15.6165	15.7813
0.0561065	0.139739	0.28169	0.186983	0.0626323	0.213847
13.4821	10.8509	12.7273	12.9133	11.9731	12.6229
18.4082	20.6491	16.8767	15.5275	13.387	18.8199
0	0	0	0	0	0
0	0	0	0	0	0
0.231189	0.116843	0.924022	0.226994	0.305731	0.352728
12.7828	5.94684	9.44146	9.97414	10.2059	10.3923
65.4587	66.8479	71.8765	72.4616	70.2334	63.437
1.49668	1.3803	1.10592	1.16108	1.15859	0.862273
0.129889	0	0	0.0678691	0	0.0962553
1.65E-08	1.63E-07	1.07E-08	6.81E-06	3.01E-08	0
15.0878	14.5327	14.783	15.7763	17.5236	17.2404
14.3297	11.2886	13.1705	13.7069	13.2421	12.8642
0.0466929	0	0.0755378	0	0	0
13.9553	13.4648	13.8839	14.9071	15.8515	14.3659
7.465	5.96036	4.83433	6.01573	4.58603	5.49123
0.10525	0.150714	0.113513	0.0763817	0.0815913	0.142181
0.084778	0.121399	0	0.0615249	0.0657212	0
64.446	72.1627	63.6976	69.8536	64.6034	60.8442
0	0	0	0	0.0253306	0
2.79664	2.31129	1.96102	2.42123	2.58783	2.26075
60.442	60.2427	55.9311	56.6645	43.365	51.7531
42.9952	40.6301	46.1657	43.651	44.2071	35.549
3.96637	3.97575	4.39894	7.23061	2.77962	3.56117
0.15295	0.109509	0.123718	0.110998	0.161385	0.247942
4.88641	5.75647	4.90558	4.09944	4.64769	5.78637
0.0631693	0.022614	0.0510964	0.160451	0	0.0256004
0.0543928	0.0973605	0.0219986	0.0789477	0.0632492	0.0440872
1.19581	1.22085	1.50464	1.1571	1.13302	1.41797
2.90046	2.70848	2.77426	3.16687	3.21032	2.67102
4.35813	4.20085	4.30386	5.43517	4.93213	5.66357
0	0	0.63659	0	0.305048	0
3.66997	2.7481	3.0073	2.62874	3.30723	4.21914
9.15316	10.5888	11.0801	8.15239	6.45013	10.5812

25.0615	32.2623	34.0929	24.7225	24.4473	21.985
56.6452	48.3111	45.5358	44.4859	44.9067	60.8242
39.5398	44.2794	35.3316	37.1561	85.7991	32.5277
6.80429	6.18044	13.9747	10.8173	8.76925	8.22206
56.7734	75.7661	62.339	49.9428	48.6579	62.7624
0.364287	0.478175	0.343775	0.352493	0.141201	0.196845
60.2782	60.2059	64.9907	57.9362	62.229	56.4702
4.60933	3.27567	3.54687	2.71305	3.4814	2.84623
0.665188	0.582098	0.298921	0.321826	0.171888	0.239625
0	0.42702	0.241213	0	0.462349	0.241706
44.8506	40.1801	40.0142	36.5404	30.5505	36.5431
2.87317	2.12538	3.16115	2.32228	2.32233	1.84319
0	0	0	0	0	0
2.64508	3.84911	2.50641	2.88007	2.13767	2.87739
14.1316	11.9638	11.5243	12.4795	11.065	12.1989
0.907788	0.612605	0.759612	0.832963	0.744176	0.77808
0	0	0	0	0	0
0.210566	0	0	0	0	0
67.843	52.083	66.8039	57.3581	28.215	36.1484
7.37643	5.95404	7.46395	7.09486	7.64366	8.30856
79.1856	77.0806	74.0772	83.589	76.585	84.7343
0.202279	0.672421	0.0545402	0.195732	0.125448	0
9.30E-08	0.0139265	0.906779	0.00056243	0.665413	0
0.159227	0	0.0321989	0.115554	0.123435	0.129059
0	0	0	0.0139427	0	0
2.51501	3.05555	1.90793	1.86125	2.1686	1.96545
81.1147	89.3716	81.2542	85.6153	92.078	77.1383
11.0676	9.33208	12.1964	18.3163	14.419	17.513
40.3149	25.1895	27.4909	39.5143	30.3321	37.2614
111.46	171.435	90.8615	86.2092	44.45	88.7894
5.07677	4.27855	3.67874	3.64593	2.78771	3.1719
25.1261	26.2489	24.3943	27.7904	23.6118	21.4968
11.7994	10.331	11.0312	11.0633	9.99168	10.9505
0	0	0	0	0	0
0.586276	0.209881	0.118557	0.191462	0.113623	0.0712795
36.3448	39.2875	36.3574	37.2345	36.0141	35.2728
0.550411	0.342681	0.861397	0.555747	0.75134	1.28019
5.46323	5.27902	4.05982	3.38455	2.27253	2.62808
14.2274	14.5776	12.2128	12.2101	13.289	13.1436
16.1907	15.5053	14.8923	13.6091	12.922	11.7665
39.007	37.2391	43.1798	39.4203	30.5798	38.2468
4.27827	4.62165	2.39976	3.89483	2.18287	3.65078
0.141288	0.0974127	0.126983	0.170892	0.113585	0.254486

0	0	0	0	0	0
6.13869	5.70417	6.51794	5.45806	6.00301	6.13323
3.89699	3.70453	4.03023	5.14523	4.06051	5.12542
26.5131	24.2195	22.3497	23.5168	21.1046	19.843
9.71945	5.2563	7.05642	8.10583	6.60747	7.76058
0.297285	0.123229	0.113906	0.06813	0.109165	0.0887745
0.199737	0.143008	0	0.0365614	0.15484	0
0.446726	0.365526	0.664328	0.185255	0.247363	0.362085
0.244211	0.17485	0.271614	0.31015	0.212981	0.346397
8.65535	8.16259	8.17309	9.06202	6.20407	8.56141
0	0	0	0	0	0
0	0	0	0	0	0
0.690903	0.465632	0.525501	0.500941	0.314769	0.493664
241.291	262.375	212.245	232.99	218.464	209.963
0	0	0	0	0	0
7.71225	7.80081	7.56716	7.4598	5.73102	6.95382
136.247	118.975	160.22	149.299	155.831	156.142
8.74802	5.85745	8.65792	7.89375	8.10921	8.88196
0	0	0	0	0	0
3.06238	2.87032	2.9566	3.56455	2.46853	2.61157
4.05459	2.82164	3.91177	3.60834	3.74966	3.76484
0	0	0.0232422	0.0207861	0	0
39.433	53.2786	64.0747	46.2126	38.1185	34.6633
0.10291	0.133719	0.147986	0.0331928	0.142319	0
7.32687	5.24	6.09019	6.20993	7.56293	7.47852
0.0707044	0.0253115	0.0285957	0.0256557	0.0274056	0.0859624
15.7398	12.2768	13.6529	13.1941	17.6577	6.61972
0	0	0	0	0	0
15.7381	13.4352	14.8247	17.6691	16.8668	15.4275
9.69494	8.30643	7.49723	8.93759	4.80044	6.86468
1237.22	2208.46	1629.46	1905.84	1292.9	2520.93
0.155921	0.066982	0.227019	0.135786	0.145047	0.126379
11.2576	9.98436	11.4919	9.8823	9.29871	10.7451
3.24653	2.54409	3.34288	3.43825	2.93953	3.01819
39.1838	36.7061	29.6532	25.6987	32.1568	32.6707
1.97909	1.36948	1.73926	2.03228	1.56897	1.90456
3.88292	6.3037	6.28163	5.34091	6.37021	5.1966
10.591	9.73689	10.9669	12.7404	9.45626	12.0749
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0705934	0	0	0	0
0.72503	0.865179	0.698169	0.676501	0.669112	0.72758
0.467382	0.267709	0.0756111	0.135675	0.0724643	0.0757657

0.638672	0.594461	0.516609	0.556195	0.396087	0.465899
0	0.0213355	0.205438	0.0165885	0.0924028	0.0966126
6.03202	3.74485	5.89967	4.57783	4.73725	6.61474
65.1953	70.9359	82.8039	82.6415	45.1427	46.0026
2.49048	1.985	2.0145	0.920744	1.16568	1.52348
125.654	101.244	120.255	122.46	132.521	124.542
4.43184	3.74824	3.75286	3.0454	3.30679	3.88401
4.30902	3.89465	3.83057	4.13339	3.80344	4.04589
0.270201	0.0483647	0.10928	0.098045	0.0523661	0.0547518
2.16115	1.95906	1.84464	2.00626	1.59809	0.931749
0	0	0	0	0	0
23.3251	26.8753	23.8679	23.3267	21.6239	19.5898
0	0	0	0	0	0
1.51631	3.53584	3.18313	3.51648	2.84909	1.89251
16.3586	15.0182	14.2671	14.8596	12.4352	13.8081
19.571	19.1991	21.4494	19.5836	15.7454	19.3856
20.3624	18.4019	20.9779	21.273	15.9334	18.9245
13.5457	11.0873	12.4894	12.7921	12.9394	14.6695
4.16438	3.56409	4.66209	3.89211	4.29192	5.22824
7.4651	6.17665	7.21984	7.20638	7.30207	6.79255
7.41028	4.82474	5.60061	5.95771	8.09515	5.8786
3.80711	3.15621	3.69539	3.46088	2.73387	3.73543
10.0802	9.41914	12.8525	11.9805	11.5063	11.667
0	0	0	0	0	0
33.6099	45.7057	41.0209	37.7628	36.4463	46.8714
0	0	0	0	0	0
0.480327	0.540422	0.499534	0.0995948	0.638326	0.389321
1.85609	1.74433	1.8905	1.94973	1.6511	1.40964
19.684	20.0656	25.9721	18.4135	21.8429	11.0607
0.947402	0.406993	0.613068	0.275019	0.734441	0.614321
81.0858	62.3843	76.5045	85.1806	97.2164	70.1177
15.77	13.5875	14.2695	14.587	14.7116	14.6886
0.158445	0.183149	0.0858584	0.179316	0.0979205	0.199361
1.39841	0.571329	0.295166	1.85374	0.990085	0.324645
0	0	0	0	0	0
0.183305	0.233652	0.569744	0.513699	0.619241	0.223211
1.57856	1.67076	1.3879	0.871644	1.46315	1.16822
0	0	0	0	0	0
10.0825	8.51734	9.55518	9.52668	8.66739	10.4917
10.8748	12.0322	12.7743	14.1573	9.0975	12.501
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

0.583679	0.417903	0.531142	0.476535	0.339358	0.650501
18.6428	19.8799	18.0316	19.4306	15.9282	16.3645
19.0633	22.3583	21.1474	20.9496	19.7043	16.1873
0.849305	1.1293	0.981408	1.10064	1.22273	2.06517
7.63882	4.57891	5.93939	6.0808	7.9645	6.83947
2.35146	3.277	2.75117	3.10826	2.96219	2.961
11.3661	9.70039	11.9958	10.6378	11.3717	13.4
0	0	0	0.033234	0.0355007	0
0.261628	0.454921	0.54418	0.27124	0.927168	0.121176
6.28045	5.55523	6.85763	6.07284	7.05762	5.84091
14.862	18.7758	17.3354	14.6934	14.8607	17.2399
14.7164	10.1967	8.09628	9.42339	9.80724	8.88335
39.9396	35.4223	37.8845	37.2454	30.9735	34.2471
0.0783306	0.0645834	0.0820836	0.0163654	0.0174816	0
0.47081	0.224727	0.53316	0.410011	0.235209	0.432489
6.02123	4.976	6.13049	7.1959	6.61845	6.75002
0	0	0	0	0	0
3.64704	2.75142	3.01789	3.30469	2.96942	3.27832
0	0	0	31.7138	0	0
16.2143	17.4162	15.4187	14.3018	11.9178	14.7144
8.59993	6.7642	7.35957	8.23105	6.20302	7.33421
0	0.063641	0.0359492	0	0.0344531	0.0360227
0	0.103103	0	0	0	0
19.4475	17.0007	17.1212	17.0468	14.3337	19.4233
3.53195	3.06626	2.83665	2.87081	6.57773	5.95074
3.3003	2.64254	2.32312	3.72975	3.14435	3.65516
5.33655	4.90899	6.52251	4.49631	5.40667	5.56074
0.266349	0.217944	0.277	0.331362	0.353962	0.43177
1.11689	0.919621	0.677571	0.364745	0.173166	0.588429
2.12929	1.52453	1.81021	2.25482	1.56644	1.86675
0.540794	0.878	0.465652	1.63769	1.17879	0.861633
3.32863	2.59158	2.3135	2.37284	0.887392	2.01048
0	0	0	0	0	0
1.53857	1.37238	1.96207	1.24179	0.952139	1.87957
562.981	106.303	602.575	115.434	443.468	529.186
4.56376	3.7549	5.15375	4.77365	5.00523	5.49909
4.0072	1.75237	2.15443	2.525	1.71134	1.40032
100.75	115.533	113.586	119.615	110.231	109.559
0	0	0.0418551	0.105389	0.0250708	0
7.22266	7.83428	7.77402	5.8701	6.73655	6.38682
0.28833	0.365512	0.542129	0.649208	0.308257	0.24441
12.0652	9.70748	11.0702	10.6177	9.96696	10.2224
2.9395	2.22319	2.34421	1.92292	2.18258	2.24846



6.56786	5.10885	6.24723	5.86975	8.70585	5.47135
0	0	0	0	0	0
4.87609	3.41	4.05365	4.19258	3.86789	4.41464
1.07233	0.554934	0.339043	0.433192	0.210942	0.67639
0	0	0	0	0	0
0.0139931	0	19.6237	0	0.0112116	0.0117223
19.2208	28.8114	21.0764	19.9176	13.8002	20.7307
0	0	0	0	0	0
0.270845	0.19392	0.438162	0	0	0.219529
6.65366	6.2091	6.25885	6.83609	7.80944	6.66551
36.1241	50.774	37.9417	38.7203	35.6957	31.3901
0	0	0	0	0	0
0.914712	0.773475	1.79147	1.16556	1.28635	1.68119
1.63294	1.39825	2.03483	1.61744	1.90738	2.08371
58.133	53.134	63.7219	63.9219	65.0545	71.7024
0.154472	0.221198	0.374848	0.280258	0.239498	0.25041
4.10097	2.12458	3.78343	1.45376	2.21939	1.83296
16.6214	12.8105	16.2874	17.4032	14.2497	17.4064
0	0	0	0	0.0987255	0
41.6924	35.2237	40.6142	47.0699	46.321	40.529
0.713567	0.31969	0.487866	0.504292	0.568596	0.772644
0.183863	0.329106	0.48335	0.166791	0.2138	0.335311
0	0	0	0	0	0
0.565913	0.580716	0.656064	0.659825	0.362779	0.47855
64.1667	65.3376	73.7442	69.0733	67.8617	65.1841
16.571	13.9324	13.4829	15.3626	12.3568	14.1965
0	0	0	0	0	0
0.480392	1.17028	1.29606	0.547531	0.636933	0.472283
0	0.0283541	0.032033	0.0287397	0	0
105.086	98.2767	91.7188	85.0322	87.771	84.6923
0	0	0	0.0671569	0	0
130.351	158.498	131.312	141.328	144.263	122.36
0	0	0	0	0	0
4.70017	3.73459	3.43096	4.28455	4.3546	5.57509
0.0341176	0.0488559	0.220782	0.0495203	0.0528978	0.0276535
23.5956	23.4703	23.4065	21.7285	22.8723	20.3468
7.90577	6.23918	6.19916	5.62188	7.51528	6.10349
34.6317	30.1766	33.399	34.3207	33.3124	30.3314
0.0167625	0.036005	0.0636514	0	0	0.0271732
6.93594	3.96392	5.61008	5.78188	5.10933	5.29313
1.23115	0.949287	1.22567	1.20275	0.807576	0.844368
0.399137	0.224075	0.332695	0.273205	0.178751	0.429687
26.1943	28.4202	34.3851	32.3855	29.3028	34.3055

0.116744	0.0626899	0.133779	0.0211808	0.0678764	0.0788542
45.9584	50.3761	49.9375	46.2679	42.8812	43.7939
6.44307	4.94863	6.81804	6.41848	6.75682	6.82819
9.72294	8.39989	10.0257	10.3246	10.6087	9.51599
2.5922	2.98079	3.30401	2.62228	2.49667	2.86509
9.54786	8.51133	8.94411	9.06528	8.45485	9.91063
6.31916	4.49736	6.36385	5.60908	5.91358	6.63193
0.49502	1.35863	1.86859	1.91597	2.23852	2.00615
15.2998	12.7397	14.2304	14.9137	12.7779	14.8775
30.6187	29.0217	27.3818	30.8688	18.4418	20.7587
3.75207	2.8426	3.77607	3.13455	2.43516	3.6777
37.1679	41.1845	40.2563	39.0534	35.6408	34.0709
11.0931	8.24625	10.2267	10.3514	10.0305	11.0225
0	0	0.0280185	0	0.0537049	0.0280758
182.957	188.357	177.399	186.451	196.248	178.259
77.2138	74.3344	77.3627	81.5717	85.4003	79.1013
3.45803	3.6463	4.75513	4.54002	4.92278	3.84755
0	0	0	0	0	0
4.39176	4.1137	3.64195	4.7738	4.20141	4.21472
37.3691	34.7618	34.8838	35.2747	30.401	36.8785
17.0066	16.7362	18.8713	20.4358	16.3298	20.7248
0.157252	0.225179	0.254396	0.351872	0.243808	0.127458
38.0437	37.3888	46.3043	48.3809	45.4901	34.6175
88.2884	122.811	98.9137	89.9318	80.7578	82.4627
8.24532	8.25933	12.1773	12.2082	12.4386	12.4386
0.148187	0.138636	0.119866	0.137577	0.0980284	0.175705
19.8041	20.0044	20.5758	21.1539	14.9797	17.8781
1.23493	0.625392	0.822532	0.52302	0.57371	1.02347
15.1735	14.9862	13.7289	14.2325	16.6445	17.6459
0.0700002	0.0250594	0.0283109	0.0508004	0.0271326	0
31.6566	28.3315	30.8399	30.1308	31.765	28.7929
13.6149	12.9974	12.2365	11.9106	13.5195	12.5623
1.14863	0.72463	0.688985	1.43733	0.822268	0.794029
0.453067	0.94821	0.620192	0.885228	0.810519	1.07343
0.47397	0.597262	0.39872	0.33021	0.396823	0.56857
6.11634	4.82832	3.67885	4.22534	3.7233	4.71916
36.4759	31.6805	36.2943	38.1509	40.3226	35.5234
1.8246	2.09954	0.316261	1.18227	0.70723	1.21481
1.25964	0.90188	0	2.74244	0	1.02098
0	0	0	0	0	0
0	0	0	0	0	0
0.095115	0.0681005	0.0384683	0.0172567	0.0553009	0.0192735
56.5776	47.4387	66.2474	49.6248	52.7674	52.4128

5.04816	3.34286	4.18861	3.5183	3.82766	3.94735
0.356416	0.538728	0.384396	0.373616	0.460498	0.353084
21.0297	17.5745	21.4208	19.4695	20.7213	17.8614
34.3313	35.8802	38.2973	35.8714	36.4353	30.4552
23.7996	26.9665	20.2608	26.1154	22.7501	23.6601
0.950779	0.510554	0.384533	0.344999	0.184265	0.385319
12.9483	9.53517	13.3629	10.2098	11.1065	10.8574
8.24145	8.461	8.64018	7.5848	8.2211	8.02343
0.251227	0.300622	0.237081	0.243093	0.293147	0.205325
0	0	0.0844625	0	0	0
1424.81	2492.82	1751.92	1725.02	1425.47	3027.65
3.1011	3.38275	4.8988	3.62732	4.0727	4.33218
13.8032	11.8215	13.7535	13.6174	14.9572	13.7049
4.42569	3.16871	2.7287	3.84068	2.75908	3.01021
4.03571	3.57536	2.76447	3.56245	2.26715	3.47793
0	0	0	0	0	0
2.76421	1.34385	1.76665	1.28783	1.74603	1.43834
0.156944	0.256843	0.235762	0.48813	0.191188	0.327107
3.43242	2.46828	3.00677	3.26329	2.8003	2.79424
17.9095	22.0612	22.7004	20.9687	21.487	25.2525
0.108746	0.0194649	0.043981	0.0789186	0.0843012	0.0220355
7.54428	5.6842	6.70556	5.82517	6.73251	6.22155
17.2367	13.6614	14.0552	16.2336	12.6288	14.0581
0.702903	0.354302	1.00407	0.707813	0.883324	0.538107
75.7666	71.2429	72.8151	72.7562	83.0632	59.761
16.2121	15.8275	16.7033	15.6706	14.6507	18.0422
15.1498	23.0174	16.1504	18.4712	15.7004	17.604
0.785564	0.937415	0.635427	0.76013	1.28563	1.06121
2.10371	0.753108	0.850824	1.5267	1.08722	0.852563
0.0390775	0.0559575	0.063218	0.0567185	0.454402	0.0633472
1.7658	2.90015	2.11835	1.76203	2.27529	2.20972
1.5864	1.01484	1.23183	1.14957	1.48047	1.42112
53.5433	49.5058	46.8933	48.0359	54.149	64.2134
0.377497	0.360374	0.407133	0.182637	0.292641	0.305974
1.8719	1.74232	1.43843	1.29055	1.30601	0.910342
7.86736	6.47964	7.08469	6.50557	6.41779	6.80743
0	0	0	0	0	0
2.77568	1.15543	2.71512	2.22517	2.77726	1.85738
1.27958	0.796656	0.630016	0.847865	0.517539	0.676397
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.0205157	0	0
2.4213	1.98917	2.2335	2.60632	2.44455	2.32119

2.73197	2.03643	2.20378	2.18905	1.81614	2.22648
39.6335	35.8229	35.5211	40.3139	42.5473	38.0095
3.35926	2.90624	3.05689	2.43788	1.46484	2.55262
2.27324	2.06883	1.77632	1.64961	2.12062	1.96744
7.12166	8.07395	9.11947	9.48098	7.98234	9.01464
0	0	7.70856	0	0	0
0	0.0193561	0	0.00980965	0	0
8.24747	9.25121	7.81088	8.13008	6.23373	6.85197
19.2025	18.1067	19.2135	19.0685	17.6772	18.9503
0.16697	0.732226	0.202846	0.271712	0.238962	0.0828579
1.77771	1.53788	0.679521	1.68418	2.00953	3.8813
0.0349625	0.0625812	0.0565609	0.0888052	0.054207	0.0283383
40.5937	48.049	82.3554	52.6243	104.543	47.3735
18.9615	22.484	19.6187	20.7413	12.844	17.4953
0	0	0	0	0	0
5.89659	4.84459	5.87669	5.18896	4.66037	4.28175
7.90927	4.02107	3.64682	6.17709	7.95424	4.11106
23.8909	17.7684	22.1712	26.7463	23.1148	26.1194
1.28463	0.994843	1.25528	1.41382	1.06901	1.71662
0	0	0	0	0	0
0	0	0	0	0	0
8.04268	7.36661	7.61913	7.61402	8.13334	10.5476
10.8908	9.79762	5.11136	4.76864	6.85211	7.38348
0	0	0	0	0	0
0.932654	0.73103	0.509664	0.756402	0.907426	1.25639
28.5367	23.7637	28.1831	25.9659	22.9786	27.7252
8.3616	9.23362	8.2768	10.5149	9.75162	9.14774
15.1184	15.8182	15.4248	17.1451	15.2204	14.378
0	0	0	0	0	0
1.28586	1.43791	0.7927	0.418348	1.86592	0.661885
614.386	574.558	680.988	536.513	650.473	688.192
104.01	115.902	111.722	119.439	107.903	97.0735
6.19609	5.78061	7.3718	6.2156	6.4156	6.61424
6.23265	4.5566	5.82853	5.03844	5.01513	5.89729
28.4176	30.2103	28.7016	32.7617	29.4502	34.342
0	0	0	0	0	0
1.28711	1.21072	1.2193	1.12059	1.11162	0.7161
12.5172	9.30025	10.889	10.1123	9.70351	8.99704
0	0	0.0558152	0	0	0
0.0657449	0.0941442	0	0.0477123	0.101933	0
0	0	0	0	0	0
67.1688	54.2565	65.2186	62.5009	57.8733	61.2722
57.6965	54.393	50.7086	59.1133	61.8192	52.4515

1.3293	1.2303	1.18571	1.62988	0.754037	1.16259
56.8508	43.6317	56.8632	60.1576	62.5694	67.1534
52.6133	40.4084	50.7146	53.3469	54.9523	52.1441
0	0	0	0	0	0
3.3349	3.15082	3.22592	2.54495	3.14497	2.84239
1.05551	0.881679	0.711483	0.561735	0.409124	0.655903
2.52958	3.76551	2.83817	3.20681	3.10067	4.9277
42.067	33.0898	29.2412	44.7983	38.9039	37.2257
0.65604	1.16E-31	3.54E-91	7.06E-82	2.67E-25	8.09E-98
23.6123	19.0341	21.2922	22.8996	16.9221	19.3313
0.625064	0.261809	0.330963	0.188828	0.37299	0.363556
0	0	0	0	0	0
0.401263	0.0314227	0	0.127401	0.244964	0.0355724
3.5451	3.17981	5.19926	3.9179	4.52452	3.92842
24.8776	35.8384	22.5475	8.82509	8.89591	15.6177
2.97E-18	2.52216	6.83236	0.00089474	4.15501	1.28118
1.08552	0.47702	0.622893	0.605655	0.242729	0.372489
72.0033	51.0718	59.6029	59.7903	57.0158	60.9576
44.5306	54.2269	49.7463	50.1205	53.7218	55.3504
308.019	257.882	276.907	321.382	245.802	276.719
14.3545	14.4315	14.4835	14.5915	15.8194	14.7563
72.571	45.2771	93.4995	83.2113	39.8237	43.5659
0.0246418	0.0176431	0.121504	0.017883	0.0764147	0
0.155651	0.278607	0.220329	0.225917	0.361988	0.56772
0	0	0	0	0	0
6.90733	6.93746	5.238	6.16153	4.2763	2.17724
7.4175	6.81211	8.5152	6.82194	8.32668	7.89671
49.0521	51.6338	54.2589	51.9206	56.0927	49.5731
788.688	1066.23	999.959	829.413	1036.3	1094.76
9.05702	7.69607	7.40654	7.58405	8.10131	8.55107
0.615654	1.17668	2.20027	1.63912	0.477264	0.374256
0	0	0	0	0	0
0	0	0	0	0	0
6.84699	5.30777	6.62109	4.93162	7.02398	8.09508
47.9895	41.8074	50.4694	50.8023	53.3917	49.0469
0	0	0	0	0	0
0.193155	0.0518608	0.0781196	0.122654	0.0748684	0.0391397
14.0698	12.1553	11.8785	13.1676	11.7296	12.4876
0	0.10997	0.248477	0.334396	0	0.49797
0	0.0684002	0	0	0	0.0774331
24.3127	15.9988	21.4284	20.4217	18.4365	21.4816
82.2566	99.1745	107.177	96.3711	101.557	110.007
0	0	0	0	0	0

9.08232	8.8768	9.21229	8.83012	10.617	9.95559
0	0	0	0	0	0
18.6739	13.5986	11.9762	15.2618	19.1547	18.0111
27.2013	17.7038	20.455	29.7769	27.3454	24.4617
1.52202	1.29121	0.975802	0.798474	0.686807	0.833422
0.814374	1.0434	1.00543	0.964272	0.481793	0.607966
7.55439	2.88857	6.48292	6.62206	7.13668	9.45896
16.7245	15.4343	16.251	18.1145	14.6089	18.7271
2.46496	1.98009	2.43153	2.31244	1.81766	1.75428
0	0	0	0	0	0
2.78355	1.79367	3.15218	3.33312	2.9131	3.04581
6.01456	7.36353	6.0441	7.19659	6.14952	6.17438
0.321226	0	0.259833	1.04904	0.373529	0.260365
14.7932	13.6482	14.7217	13.3108	16.0429	12.8537
0	0	0.140961	0.126469	0	0
34.7455	36.0562	33.6118	32.8674	35.0137	33.4505
14.8113	14.9979	15.6975	14.5415	14.3309	15.14
518.531	523.857	536.61	549.958	540.406	488.974
0.265008	0.100165	0.409296	0.572383	0.477922	0.50447
0	0	0	0	0	0
33.8518	39.4467	35.4305	33.6473	31.4868	28.5475
57.5294	48.1447	68.7773	54.4752	56.4646	49.0434
0	0	0	0	0	0
3.98433	3.16723	3.66908	3.69222	2.66104	3.18803
0.678907	0.653089	0.431339	0.321796	0.361214	0.573488
3.60612	2.31149	2.71956	2.9041	1.77487	4.19396
0.185492	0.1056	0.287065	0.197606	0.0673175	0.254883
0.147228	0.0478578	0.193732	0.195955	0.0515669	0.118335
47.1268	54.8964	52.8696	51.4297	56.4799	55.43
0	0	0	0	0	0
26.83	23.4735	27.1926	24.1181	24.8365	25.6392
0.553072	0.557984	0.650718	0.437863	0.389773	0.590919
25.5768	27.9836	27.7712	27.7856	24.8851	24.7654
4.64789	5.5826	4.35813	3.70321	4.80271	6.99433
0.836037	0.922821	0.648076	1.44098	1.35023	2.48467
64.6831	78.3808	66.5118	68.485	58.5472	55.8107
0	0	0	0	0	0
6.08247	5.02807	6.35943	6.78433	5.19281	6.57978
0.19899	0.194556	0.296747	0.216311	0.173299	0.146019
29.1332	30.7107	30.7682	30.0444	28.3953	29.3886
0.0329815	0.106265	0	0.0957421	0	0.0267326
12.4496	14.0742	14.0768	17.4353	10.6137	15.3052
2.5068	2.21688	2.10045	2.45295	2.13354	2.88184

0	0.0465332	0.0525709	0	0	0.0526784
0	0	0	0	0	0
3.18615	2.12961	2.68753	2.73816	2.49532	3.17215
0	0	0	0	0	0
8.11121	7.84008	7.96692	8.28307	8.21923	7.70145
3.28925	2.95768	3.2474	3.87571	2.73934	3.22242
48.7309	55.6098	54.457	59.5248	38.9497	45.0327
5.15995	5.54164	7.13936	2.66069	5.68432	3.30183
0.157729	0.0282325	0.0318957	0.114467	0.122274	0.143825
132.276	107.542	116.424	126.794	101.099	113.46
40.0633	37.3896	43.6257	46.7865	37.4297	42.4652
0.404106	0.650997	0.245155	0.366583	0.391586	0.900738
35.0582	37.9475	37.6723	37.2045	33.3449	36.9187
0	0	0	0.134067	0	0
46.3549	48.8578	62.1804	49.2642	77.362	59.6718
0	0	0	0	0	0
0.224758	0.202596	0.0622645	0.0555446	0.206622	0.150988
0.320844	0.216322	0.0910314	0.156714	0.10493	0.109711
0.529122	0.263243	0.342604	0.390325	0.0456033	0.2543
37.7316	45.6547	38.9621	39.2011	34.2289	35.7883
16.0271	21.9087	19.2805	13.9178	14.0809	12.7306
15.0114	13.3745	12.2395	13.7391	13.7585	11.6754
356.394	255.172	0	0	552.565	288.87
0	0	0	0	0	0
7.40649	5.194	6.83377	6.60453	5.60707	7.04317
2.57578	2.74683	1.99555	3.02047	2.1319	2.16612
0.658989	0.528741	0.970047	0.566765	0.222385	0.606076
12.1899	13.4024	15.468	13.0378	15.0561	12.9274
0	0	0	0	0	0
16.2788	14.1981	16.8029	16.4591	15.9065	16.8589
1.18087	2.53643	1.71932	1.54256	1.83085	1.14856
7.47458	5.90691	5.11177	3.81986	3.87573	4.37328
0.0959975	0	0	0	0	0
0.351999	0.60746	0.237352	0.918456	0.566899	0.99077
3.79537	3.48694	3.45035	2.96561	1.83998	3.33943
35.1218	32.2431	33.8704	35.9654	39.7733	37.1415
0.0789717	0	0.0638786	0	0.18366	0.0640093
1.74E-08	1.99E-09	1.89E-08	0.0984544	1.16E-08	1.78E-08
13.3302	10.9413	13.1747	12.1193	12.7967	12.0645
1.34868	1.387	1.28927	1.01435	1.06453	1.1329
21.6823	19.3697	21.0974	22.481	20.7878	24.0321
9.59761	9.29972	10.6526	11.0903	11.0612	12.3587
0	0	0	0	0	0

5.11055	6.26302	5.03806	4.28673	3.33921	5.143
9.83276	4.74695	6.54161	7.48783	5.80221	7.03976
16.1467	13.776	15.1325	15.8965	14.5027	14.6154
0	0	0	0	0	0
1.47569	1.43912	1.27598	0.775506	0.690333	1.07236
1.50389	0.701014	0.58793	0.824991	0.962046	1.15468
0	0	0	0	0	0
0	0	0	0	0	0
42.3581	39.0414	41.9263	40.6513	46.8992	44.1099
55.4593	54.6037	53.254	62.0967	61.0351	60.6121
1.47881	1.0588	0.828125	1.27958	1.27867	1.19863
14.0158	14.7942	15.0437	12.4373	10.9954	13.3194
8.46613	9.03188	7.46031	9.79913	9.97143	8.13449
0.0418676	0.0374705	0.0507988	0.0227881	0.0243423	0.0169676
46.4151	37.2514	42.4265	39.95	43.6582	41.3671
7.0015	4.49363	5.91481	6.04793	6.85057	6.05888
3.27737	2.42887	2.0929	1.62736	6.77512	3.12246
0.783684	0.695767	1.04806	0.743145	0.980138	0.906222
26.0607	21.2046	21.9211	23.9863	21.74	22.8248
19.8475	16.5692	19.3112	20.6611	21.9126	21.1638
21.9244	16.558	21.9832	20.5792	22.2934	15.4251
0	0	0	0	0	0
0.941004	0.80556	1.48922	1.49942	1.3321	1.32646
1.34081	1.27652	1.39527	0.804876	0.561888	1.12789
0.603488	0.353335	0.975374	0.00737178	0.771499	0.266665
12.944	9.76908	12.7136	10.955	12.4722	19.5375
0.0178958	0.0942443	0	0.0957258	0.112124	0
1.03499	0.834105	0.6351	0.861875	1.3064	0.399467
3.76223	3.53217	3.31979	4.24965	3.15752	3.35178
8.89531	8.1792	6.11102	9.30739	6.73834	8.93836
0.556791	0.498315	0.26272	0.404073	0.431633	0.338474
1.48166	0.683118	0.363178	1.09971	0.99198	1.16455
1.94771	1.45328	2.62029	1.88073	2.48641	2.30796
0	0.0189221	0	0	0	0
21.6422	18.8068	17.6773	18.1274	22.4018	22.1346
0.0707224	0	0	0.0513245	0	0
0.746364	0.950014	0.26832	1.4444	2.31437	1.36115
33.2396	25.5642	31.4919	34.1262	41.9792	30.3754
16.3464	15.9051	16.9032	17.0774	18.9848	19.8497
0.0390568	0.0838918	0.221146	0.255098	0.151387	0.348225
0	0.0153474	0.00866935	0	0.0249256	0
14.8056	13.9538	15.7643	16.6652	12.1802	14.8169
1.03891	2.10947	1.7605	0.901608	0.8848	1.38749



0	0	0	0	0	0
0.419462	0.374778	0.381329	0.493259	0.365945	0.508677
3.33581	3.2559	3.18512	2.25781	2.60549	2.98836
10.5088	8.12691	9.94047	8.95085	9.6397	10.55
13.5738	11.5329	13.2273	17.5779	9.30062	12.6422
79.903	74.4765	61.6899	42.4318	155.166	18.533
37.0841	36.1995	24.4593	35.7613	18.5632	30.1604
55.8248	54.1893	50.3464	51.3317	49.3189	45.3056
0	0	0	0	0	0
0.452293	0.292174	0.670578	0.417978	0.373229	0.357815
0	0.0694795	0	0.0704244	0	0
146.658	172.343	166.96	170.116	152.102	156.037
1.66502	0.561	0.950685	0.710787	0.759266	1.58771
45.3445	65.4237	55.9904	42.9977	45.2261	29.9392
0.216102	0.6189	0.699202	0.57504	0.0558419	0.175158
39.0497	44.2198	37.4248	39.9221	42.0041	37.3266
0.639919	0.45817	0.608962	0.983437	0.904608	1.06786
25.4368	25.7249	22.067	24.6441	31.5504	17.2155
0	0	0	0	0	0
4.06115	4.53715	4.53867	3.3032	3.08743	3.22809
42.8053	44.7369	43.3558	47.2445	41.9073	42.9302
4.96603	5.54942	6.19807	6.73851	6.207	4.25954
0.0629269	0.0675817	0.0509003	0.137002	0.024391	0.0765066
6.45701	6.47234	8.31319	5.81841	8.34263	5.71338
53.4308	64.5115	46.172	50.8178	53.7693	44.9887
8.69649	8.83577	6.32641	7.35009	6.69249	8.91522
25.211	20.225	23.9244	23.3989	13.3305	17.9029
0.0974253	0.139509	0.157611	0.141407	0.151051	0.0789665
264.479	266.585	348.634	232.808	421.949	100.103
1.43822	0.98683	1.16334	1.00025	1.30075	1.31144
0	0	0	0	0	0.133079
52.945	58.5376	60.0731	64.4045	64.3299	55.2916
0	0.0241986	0.0273384	0	0	0
13.9153	9.79832	12.3432	11.7509	10.9375	14.0862
1.04591	0.793553	1.09212	1.20596	0.620031	0.648279
0	0	0	0	0	0
0	0	0	0	0	0
0.0788537	0.0141144	0.0637831	0	0.0305643	0.0319568
0.120355	0.172344	0.194706	0.0582293	0.0311004	0.162587
7.23103	6.00331	4.91581	7.15808	6.94087	8.66636
17.7498	14.2618	15.9129	16.9784	20.1239	16.9245
19.869	30.6153	25.2583	26.1704	19.0534	30.5149
118.836	181.612	105.221	125.615	76.2881	118.132

4.23756	4.45517	3.90475	3.08468	5.09326	3.66695
14.5754	16.3768	15.3695	15.177	16.0163	15.8103
8.01636	6.14	7.70573	7.37349	5.8242	6.86019
1.92004	1.41316	1.01011	1.01343	1.25948	1.5889
61.0885	66.3445	63.1424	72.641	68.3907	50.6209
1.10427	1.17815	0.915932	0.838905	1.51332	1.14409
0.322383	0.580882	0.237738	0.158978	0.755497	0.413949
0.0199198	0	0	0	0	0
22.5613	25.3446	22.9999	25.0605	18.8084	20.5238
0.764422	0.729749	0.669853	0.277378	0.691357	1.08428
0	0	0	0	0	0
12.0031	11.5423	12.6834	11.3576	11.9147	10.1755
3.95237	3.96239	4.19859	3.72284	3.85071	3.61447
0	0	0	0	0	0
4.25258	6.01276	4.27266	3.95487	4.68326	5.18366
43.0784	45.6482	45.9229	38.9252	45.1378	34.8484
3.31854	3.10415	3.48526	3.90382	2.98752	3.1887
0	0	0	0	0	0
0.611936	0.655041	0.57186	0.685504	0.502011	0.770435
17.7132	16.1564	20.2898	15.6508	17.3631	15.2447
0.260886	0	0	0	0	0.0528639
4.76942	0.709219	4.28652	3.92415	1.2655	2.86962
17.1578	14.3997	14.1262	14.5067	17.1572	20.3953
4.20737	2.71166	3.26349	2.98987	3.00251	2.82472
0.164164	0.445864	0.0796416	0.0714387	0.127379	0.0797924
33.2602	26.1128	22.2201	25.694	18.6428	21.1351
0.105631	0.0632003	0.178082	0.543318	0.179454	0.157052
5.89039	3.77011	4.45781	4.22619	3.23448	4.28608
19.1045	15.3458	19.0259	18.7993	17.8767	18.9722
4.50788	3.56355	3.9224	4.08673	4.1009	3.7921
4.81889	4.23594	5.16906	3.6021	4.00718	4.49003
14.7923	11.492	9.5047	10.2105	12.7545	11.954
66.4842	57.6954	63.9115	68.8516	60.3509	68.5539
0	0	0	0	0	0
0.827639	0.818316	0.605702	0.572031	0.39718	0.734718
35.6196	27.3615	28.287	33.071	38.7921	29.8644
3.49788	3.26197	2.89985	3.26116	3.03005	4.0156
2.40723	2.5346	1.98534	1.74697	1.39044	1.33902
5.68631	5.24179	6.64059	7.17007	6.33667	6.22208
60.3316	78.8864	59.1384	63.0808	56.3661	60.5011
0.404066	0.333256	0.529482	0.293214	0	0.0523764
3.45543	3.16	2.69339	2.86102	2.53259	2.62252
0.0290132	0.0207729	0	0.0210554	0.0224915	0.0940663

9.33351	8.03073	8.97736	9.7873	8.05564	8.20361
0	0	0	0	0	0
23.8405	16.4756	19.2435	19.9241	18.7117	21.7586
19.3462	16.0473	17.3973	19.0362	18.7856	19.8746
0	0	0	0	0	0
0.112369	0.0804541	0.090893	0.163096	0.0871102	0.0455394
0.0516252	0.0369627	0.125276	0	0.160083	0
0.133875	0.287556	0.0541445	0	0.103782	0
2.96472	2.84678	2.51061	2.18462	1.93251	2.02364
65.344	61.2871	69.2344	73.6809	81.615	65.393
0.860316	0.398569	1.14617	0.899794	0.549236	0.922917
157.665	112.885	255.065	228.841	30.5561	351.431
0.574508	0.691549	0.422233	0.49247	0.46559	0.444251
34.6742	39.9468	37.7988	34.3502	36.958	36.51
1.60567	1.65951	1.0985	1.64092	1.52298	1.54297
37.5217	33.9172	40.3951	44.8088	42.6952	41.0058
0.317325	0.198799	0.0962541	0.230288	0.0922481	0.160751
2.34057	1.25686	0.946622	2.01708	1.13403	1.42284
1.25827	1.28377	1.56999	1.31408	1.0531	1.41411
134.963	110.391	212.087	133.538	269.203	131.262
8.1125	7.18362	5.26743	6.81667	4.80008	5.2782
75.9949	60.3424	70.1345	71.2264	84.1795	70.1199
2.69132	2.16621	2.06314	1.92761	1.6364	1.15499
12.3457	10.7359	7.43921	8.01643	8.79428	5.75299
0.45081	0.10759	0.2431	0.261728	0.27958	0.755152
0	0	0	0	0	0
0.0817478	0.0585299	0	0	0.0316861	0.0331297
0.602438	0.383408	0.379011	0.4372	0.415129	0.705317
0.598541	0.304704	0.344239	0.212815	0.725327	0.524626
0.10834	0.0336759	0.176075	0.0605598	0.0368341	0.0750083
0.200406	0	0.225533	0.202346	0.190562	0.110688
0	0	0	0	0	0
1.62843	1.49217	2.07839	1.96128	2.35546	1.75935
28.2792	29.8978	26.175	27.2876	26.6469	24.5257
1.13455	1.17146	1.22201	1.2222	1.17158	1.44497
14.5879	14.3019	15.9943	15.2871	12.9042	13.0833
32.2516	37.8544	38.0284	33.6007	26.3925	32.5988
0	0	0	0	0	0
65.965	53.6596	77.7564	51.7006	76.7993	60.2889
0.152956	0.109514	0	0.222006	0	0
12.8755	8.04118	10.0254	9.47985	10.7379	10.642
0.561618	0.49202	0.569645	0.502358	0.366806	0.518643
19.2927	21.7094	20.089	23.1688	21.6513	23.6825

1.7295	2.33711	4.52985	13.6619	3.04101	2.51774
1.09202	1.95466	1.32497	0.528333	0.564368	0.7376
3.63041	3.23373	2.08188	2.44893	2.04569	1.62848
0	0	0	0	0	0
1.55094	1.06652	1.20286	2.11111	1.36167	1.85083
10.3054	11.9933	10.9354	9.13553	10.3567	10.5703
2.20051	2.20322	2.88862	1.08589	0.932561	3.23645
0.284477	0.271573	0.191756	0.172042	0.110265	0.345867
0	0	0	0	0	0
13.4253	13.195	17.8775	14.281	15.1296	12.7373
0.219393	0.314162	0.177463	0.159217	0.170077	0.133369
1.80716	0.84147	1.399	1.08622	1.15171	0.710004
22.4753	15.3102	9.65026	13.6552	16.5786	21.8898
0.42111	0.594976	0.0886201	0.838629	0.14284	0.651383
0.451366	0.386501	0.291271	0.392615	0.488737	0.291818
0	0.248553	0.140402	0.0839778	0.0897055	0.0468962
14.5305	15.6636	11.087	16.2639	11.7919	10.0429
5.58588	7.01766	5.529	6.69137	4.35187	4.64479
0	0	0.0108259	0.00388515	0	0.014464
0.639222	0.183765	0.3617	0.510225	0.223618	0.543659
2.77333	1.78709	2.37789	1.93215	1.46195	2.56258
2.85537	2.16937	2.82403	2.55178	2.93848	2.63778
0.18034	0.121726	0.1238	0.0883317	0.103806	0.218492
1.66708	1.29019	2.16502	1.89645	2.30231	2.17424
0	0	0	0	0	0
0	0	0	0.0165067	0	0
34.4784	32.7094	33.2026	30.4712	28.2122	26.2824
9.70412	10.7325	9.54509	10.308	9.1198	9.31559
0	0	0	0	0	0
0	0	0	0	0	0.0201432
11.933	8.93902	12.0408	10.2596	10.5247	10.9798
4.13273	2.7062	2.55336	3.64728	3.21985	2.52491
0.0390756	9.62E-154	0	3.95E-146	2.89E-287	0
0.0438882	0.0628462	0	0.0637009	0.0340228	0.106719
10.5721	9.05188	8.76827	9.68764	9.7441	10.0893
1.54612	2.72497	2.51725	1.7406	1.07601	2.5385
7.66338	6.08676	6.97536	6.72695	7.51054	7.92346
22.3741	21.5007	23.2984	25.2387	23.5556	21.1814
36.7708	65.0785	26.7354	38.7536	23.8612	16.9113
0	0	0	0	0	0
25.9464	20.2026	22.9313	25.2067	22.8757	23.0002
0.543888	0.340736	0.43994	0.444048	0.685149	0.385734
0	0.136574	0.0342876	0.0615249	0.147873	0.0687154

1.32603	1.08499	0.888813	1.29911	1.22905	1.50424
9.6211	11.1362	10.6784	11.3443	7.94428	9.22021
6.08556	4.32383	4.74585	6.29612	4.899	7.23444
3.20921	2.56443	2.34091	2.59931	2.59889	2.55472
6.70482	7.22306	6.45482	5.65403	6.00007	5.95643
624.045	642.88	627.152	648.574	670.439	581.539
1.87936	0.724548	1.75405	1.04915	2.46554	3.3981
32.7648	31.0189	38.3523	31.9776	31.6822	34.1419
5.85537	6.27404	3.59305	2.72544	2.37915	2.6512
0.487327	0.465529	0.394658	0.660169	0.529212	1.29032
5.59892	4.30788	6.31336	5.50659	5.05297	5.22899
1.66444	2.59371	1.58392	1.49213	1.02465	1.86491
51.7875	57.4999	53.7252	61.4485	56.315	55.2466
18.3952	13.8716	14.3769	15.208	15.9679	17.2601
10.0871	8.35093	13.9386	11.4506	13.4842	11.1047
4.87465	3.95509	2.88586	4.47904	3.22274	5.36744
24.1037	22.0766	17.873	16.7517	15.8959	18.3077
6.87104	4.965	5.85577	6.16622	5.74005	6.00157
0	0	0	0	0	0
0.297771	0.710662	0.428197	0.528239	0.512971	0.268171
1.45912	3.37519	3.60128	3.50255	1.53718	1.51624
11.2421	9.57928	7.1398	8.63663	8.23842	4.7696
3.25668	3.30077	2.89435	3.02663	2.32541	3.49919
13.1602	12.7945	14.3986	15.7946	15.4638	12.9729
0	0	0	0	0	0
0.229675	0.184998	0.0464449	0.208349	0.0890238	0.13962
24.036	19.3763	23.8109	23.7619	23.9178	25.3812
307.952	386.988	345.056	348.25	383.903	310.283
5.70814	3.70914	5.8588	3.41147	3.90445	4.66552
0	0	0	0	0	0
13.5958	12.707	12.446	14.5341	11.5493	13.3952
0	0	0	0	0	0
39.6044	48.2573	32.2627	27.2167	35.0602	34.6556
0.81173	0.841714	1.01885	0.751594	1.06324	1.45199
9.7215	11.1506	11.4699	8.35424	8.64057	6.3305
0.225505	0.0705639	0.125274	0.22491	0.371436	0.217496
4.07967	3.89261	5.91828	5.54729	3.88672	4.88843
0.0176911	2.30E-19	1.25E-31	1.74E-22	0.0268305	0.0298982
2.26E-07	1.18E-07	4.69E-08	3.86E-08	6.46E-08	5.93E-08
3.48941	2.55894	2.62797	2.43353	2.37676	2.53801
1.26556	0.895489	0.650398	0.745557	0.715613	0.567195
22.6766	19.4174	22.3059	23.6508	25.0216	20.7125
0	0	0	0	0	0

27.9077	14.5959	21.122	29.1701	27.4489	25.374
5.79272	4.93849	3.23646	4.00886	4.56005	4.81621
21.4307	22.6585	20.7522	21.5731	34.4476	17.2147
4.47765	3.44516	3.64891	3.37076	2.38317	3.19594
0	0	0	0	0	0
11.3984	8.91635	11.1028	9.98631	10.5341	10.9118
0	0	0	0	0	0
3.9419	5.34293	4.62638	3.95802	3.34533	3.49644
0.144775	0.466452	0.409869	0.157598	0.168347	0.0586724
891.927	831.415	834.652	867.428	894.783	875.425
2.91687	1.84529	2.57069	2.16106	2.44345	2.62535
14.1778	11.0444	10.176	12.4354	10.5653	10.5884
12.8273	12.5121	14.2816	13.5954	15.6174	15.5154
8.31368	7.91281	7.21856	9.44795	7.52785	8.34236
0	0	0	0	0	0
0	0.118344	0	0.359861	0.128135	0
0.309668	0.166287	0.532279	0.252823	0.300074	0.125498
0	0	0	0	0	0
0	0	0	0.142258	0	0
51.2233	53.422	55.6993	54.6146	48.4227	52.7835
0.111455	0.1197	0.135231	0.262877	0.172804	0.0903384
15.0774	14.8817	16.9425	16.0321	16.2955	15.6144
6.2032	5.19052	5.00757	5.17072	5.89032	5.14906
0.879228	0.52003	0.587504	0.610329	0.444516	0.588706
25.349	18.8184	21.081	28.6739	23.2597	23.396
32.3679	27.2351	31.5146	33.8402	30.6307	30.6203
0	0	0.152483	0	0	0.954972
0	0	0.0827376	0.0742313	0.0792942	0
63.4698	89.6211	45.8153	65.1926	111.215	66.6183
53.0979	50.8858	54.5858	54.7715	50.7338	54.919
38.8259	31.1156	31.2633	28.9537	32.1602	28.8126
0	0	0	0	0	0
0.277987	0.447825	0.224858	0.20174	0	0
23.7098	21.2694	19.5151	18.8345	20.5835	21.7178
0.156518	0.298837	0	0.151451	0	0.253726
0	0	0	0	0	0
15.7382	13.459	13.7587	16.1571	16.0557	15.7244
19.858	18.1399	18.5049	19.5185	20.273	19.3112
0	0	0	0.00388515	0	0
0.0771742	0.0828828	0.0624246	0.0560067	0.119653	0.156381
63.6372	58.6681	71.7893	48.3451	66.2442	98.3299
0.502624	0.599782	0.135521	0.607939	0.129881	0.135798
0	0	0	0	0	0

5.11719	5.0833	5.6345	4.33582	5.23385	5.38544
9.53126	12.2654	9.68331	10.5323	9.35912	9.97093
38.1549	49.732	41.759	45.5276	39.112	49.7431
0	0	0	0	0	0
28.8959	45.8255	19.2979	19.0952	35.4629	40.613
0	0	0	0	0	0
13.5514	10.4095	12.8988	12.2893	11.1242	10.9555
0.196651	0.151629	0.146831	0.230537	0.0820868	0.13487
5.01149	4.79876	5.35549	4.99708	6.04857	8.1735
33.0894	37.0233	30.5835	31.4506	36.6776	31.5493
6.51087	7.56623	5.75265	7.92355	6.36739	5.31787
0.0616272	0	0	0.0447239	0	0.0499509
0	0	0	0	0	0
0.645756	0.202278	0.0979386	0.205029	0.187725	0.0654259
32.5005	28.7894	35.6952	31.7661	38.2238	33.4832
0.137441	0.0861044	0.0555865	0.112211	0.0266366	0.167101
12.6424	11.4043	13.6434	13.8304	12.6632	15.9921
1.7467	1.4713	1.24665	1.97599	1.67268	1.74888
0.0386423	0.207504	0.125028	0.112174	0.119825	0.156605
1.32214	1.28176	1.16962	1.10572	1.29138	1.30674
6.5494	6.70961	7.367	8.2806	8.60715	7.13637
18.3427	23.4644	16.4756	19.3611	14.3883	15.1084
0.831541	0.595367	1.27797	0.362078	0.257849	0.471794
46.6068	48.9031	58.1602	48.0355	47.7396	48.9809
0.422015	0.302155	0.4267	1.14849	1.79934	0.684115
0	0	0	0	0	0
0.0441507	0.0316111	0.107138	0.032041	0.0342263	0.143143
0	0	0	0	0	0
0	0	0	0	0	0.0391337
7.91669	8.3681	8.15173	7.18561	5.38496	7.36407
8.12414	9.74662	3.96343	8.23234	8.39427	6.14868
0	0	0	0.27967	0	0
0	0.133599	0.301867	0.0451386	0.0482173	0
7.57363	5.10079	6.38197	5.90703	7.03253	6.59739
5.25691	3.62278	3.44199	4.39157	3.66815	5.25775
35.7773	32.3873	38.9906	34.0839	31.9274	30.6493
1.00585	0.96023	0.813612	0.729967	0.143932	1.27387
40.69	34.7087	35.202	37.9794	42.7643	36.3928
1500.4	2862.9	2693.79	2095.69	2381.35	2457.01
0	0.354332	0.100077	0.179575	0	0.100281
14.8415	16.675	17.8961	14.8883	14.2566	14.4878
0	0	0.0810595	0	0	0
0.453439	0.324654	0	0.658138	0	0.367528

24.0694	27.6052	28.1005	28.7314	24.3173	23.22
0	0.0184199	0	0	0	0.0417049
0	0	0	0	0	0
0	0	0.0806146	0	0	0
12.7847	11.2377	13.1594	11.3369	10.7804	12.6441
0	0	0	0	0	0
60.7025	56.5332	63.769	52.8249	54.4706	47.0067
37.1807	30.4555	35.7858	36.2524	38.0117	42.9209
2.1798	1.89228	2.78254	2.37499	1.95214	2.35839
3.79286	2.63918	3.59348	3.40497	4.93901	4.38232
105.967	114.088	101.064	100.748	126.071	60.8409
3.17749	2.57247	2.30644	2.68247	3.09371	3.52841
0.168305	0.241007	0.136139	0	0.130473	0.136417
0.451147	0.393233	0.25386	0.370111	0.114044	0.158987
2.918	3.30325	2.77496	3.54849	2.50663	3.73947
3.10447	2.97861	2.55208	3.09436	4.11386	3.14824
0	0	0	0	0	0
6.12989	5.86166	6.65031	7.27949	6.18003	6.97925
1.25153	1.04766	0.988188	0.951811	1.84435	1.11211
17.0077	13.5536	14.7577	14.9281	14.7337	15.7591
0.0786613	0.0187733	0.0212092	0.0190286	0.0609795	0.106263
0	0	0	0	0	0
0.391146	0.155314	0.488129	0.15732	0.521649	0.324574
1.0092	1.75424	1.24975	1.0877	0.86617	1.1431
9.29414	6.52979	8.57695	6.67352	11.576	6.50875
0	0	0	0	0	0
41.5187	43.8645	46.318	45.1694	40.2442	38.1269
139.861	100.267	116.014	152.181	139.748	124.808
0	0	0	0	0	0
28.5206	25.7395	25.8085	26.981	29.8647	24.3617
12.9588	14.6574	12.2828	13.5297	14.8531	11.7279
0	0	0	0	0	0
0	0.0156428	0.0176724	0	0	0.0177086
0.341071	0.06105	0.310371	0.330029	0.297454	0.368599
88.4424	148.883	110.228	62.3417	51.5501	104.868
89.4104	116.217	122.234	112.915	124.322	108.509
15.9414	17.4987	18.5488	17.9556	18.7904	16.671
168.26	183.377	179.468	190.216	190.133	168.255
2.7126	1.98086	2.27285	2.03133	1.39911	1.88331
13.5899	10.1338	12.1278	10.1845	11.1209	12.3276
1.16684	2.08859	1.57306	1.6936	0.603036	1.26102
8.81692	11.876	11.1571	10.0468	7.75331	8.63403
22.7649	28.125	27.9723	24.3841	20.5451	29.024



0.629295	0.32617	0.96359	0.709725	0.470873	0.514429
0	0	0	0	0	0
0	0	0	0	0	0
12.6734	12.0663	12.8008	12.9997	13.5646	12.7115
0	0	0	0	0	0
1.25883	1.33951	1.10059	1.45658	0.738596	1.29599
4.00622	3.69197	3.27264	3.36797	1.78346	2.79708
11.3612	10.6744	11.6249	11.0333	11.2709	12.0638
28.5085	29.0498	34.4146	33.9447	34.5163	30.5903
111.336	159.43	270.174	215.464	172.62	210.565
10.9381	9.11885	10.9616	9.44136	11.849	11.3307
3.70307	2.67949	2.66041	4.22398	2.29623	2.85238
2.09562	2.42647	2.13213	2.11491	2.77952	1.73838
8.77143	8.81861	12.272	10.342	11.208	11.333
52.8662	65.4249	67.9442	55.7636	56.8989	60.3017
5.61357	5.19792	6.04713	5.83309	5.8607	5.9288
3.39014	2.50232	2.65609	2.17935	2.00397	2.3143
9.14034	12.6278	11.715	12.2856	12.5747	11.9998
0	0	0	0	0	0
18.1615	25.3917	21.1227	20.6075	15.032	17.8452
0	0	0	0.128595	0	0
14.9381	16.6476	14.6574	16.4734	17.0683	14.2662
21.6332	20.2057	14.8544	17.6407	15.0809	16.601
4.16605	3.73632	4.97674	3.33489	2.62642	3.72516
15.1299	14.5447	12.3026	15.236	12.9307	10.9823
0.0326748	0.0935791	0.105721	0	0.113987	0.107173
0	0.115499	0	0	0	0
2.29016	2.25915	0.60051	1.61009	1.36797	1.54295
23.7482	23.043	24.0115	28.7283	28.1261	27.8801
23.3167	17.668	18.4653	19.3614	15.4724	15.7668
3.61609	3.18573	5.17104	5.52461	6.86236	6.79492
13.0862	11.1474	11.9765	11.9569	13.1185	12.2464
11.3248	9.33017	10.089	10.9207	11.882	13.3538
31.5742	28.8723	30.0791	30.8707	29.9457	29.6122
104.104	81.5408	97.4472	96.053	143.401	64.1742
0.183154	0.147527	0.203706	0.178609	0.164169	0.204122
20.5279	25.7558	39.8511	20.8565	32.4334	30.2664
0	0	0	0	0	0
0	0	0	0	0	0
1.6902	1.95594	1.91688	1.6779	0.790083	1.20568
12.0417	11.9121	10.9089	12.2163	9.63665	10.4534
2.47277	4.72043	3.60024	4.88587	2.46468	2.98444
4.20558	1.85666	2.20512	2.9073	2.33242	2.51952

30.8575	24.3349	20.5793	30.4243	24.8558	24.0485
3.98369	5.46026	4.86494	4.29006	4.51997	6.31424
0	0	0	0	0	0
9.77471	8.57462	8.89281	9.20127	10.0805	8.50631
0.0569598	0.0259338	0	0.0396018	0.0441561	0.0230736
0.348432	0.187082	0.0528253	0.0473943	0.113931	0.052958
7.22231	3.42308	5.43057	5.16754	3.94285	5.85393
30.9533	32.5982	29.732	32.2911	31.6234	30.5498
79.3675	83.1115	73.6536	85.7884	86.5582	49.4122
27.0525	28.2509	24.0763	26.4042	21.9248	25.1516
39.2842	43.8217	38.9155	39.1478	43.6503	34.722
0.040604	0.0581435	0	0	0.0314769	0.0987328
42.7162	33.7517	41.5771	37.6964	31.5584	41.8002
6.79599	5.62072	7.52697	5.98326	7.14139	6.91942
1.05035	0.668011	1.0779	0.993985	0.812897	0.907285
5.71185	6.28075	4.41652	4.20183	3.91219	4.28532
0.839971	0.833853	0.937037	1.0396	0.447962	0.765951
4.92929	6.41452	4.52259	5.31628	3.49326	2.72903
14.6695	8.27299	12.191	10.0626	12.4625	10.017
0	0	0	0	0	0.0414381
11.8502	9.04822	10.851	10.5021	11.597	9.44339
6.7555	9.67362	10.5976	9.8547	10.7913	8.241
62.7223	77.1714	53.6213	52.0805	68.1029	39.1257
2.84571	0.495996	0.589907	1.50614	1.29806	0.694079
11.4485	19.8906	12.5091	12.6653	24.9976	11.7881
38.6052	64.7681	47.6261	50.9719	44.0608	80.7101
0.0613458	0.204959	0	0.0267118	0	0
15.5465	14.0978	14.8617	15.0121	14.8657	12.5229
0.0346667	0.0329298	0.0662122	0.0166924	0.035663	0.0278917
38.9453	38.246	44.2591	44.0333	50.8988	47.8404
0	0	0	0	0	0
38.442	103.864	85.2976	71.7903	123.623	68.5958
16.5266	18.4007	17.3986	18.1729	16.8623	17.8948
0.706598	0.178557	0.773277	0.422298	0.515544	0.774858
0.269585	0.302076	0.142929	0.321577	0.104078	0.138106
0	0.0373019	0.0842836	0.189046	0.040388	0.084456
11.8612	11.182	7.20934	11.0481	8.03854	8.71642
0	0	0	0	0	0
232.777	289.197	265.914	277.606	247.389	281.818
398.254	414.054	458.65	442.345	489.566	420.724
1.67781	2.30964	2.24301	1.60816	1.61453	1.79421
0.17541	0.17541	0.105993	0.105993	0.205747	0.205747
9.27219	8.98114	10.0503	9.01144	7.59047	9.70176

0	0	0	0	0	0
0.280868	0.201096	0.0378647	0.135887	0.0725777	0.151769
8.01546	7.98068	9.26944	9.92225	9.07784	8.5441
0.118482	0	2.55E-22	0	0.0787277	2.56E-06
215.488	211.877	208.575	197.596	231.083	196.92
10.5764	12.0377	9.85304	10.2163	8.48171	9.51846
7.02591	6.94498	4.24113	5.8979	5.12142	5.73723
1.33113	1.06809	0.835388	1.3491	0.978537	1.41376
0.0230653	0	0.018657	0.0502166	0.0357611	0.0747807
7.30597	6.05247	7.48177	7.32434	8.31403	8.65485
0	0	0	0	0	0
8.24421	6.53562	7.80073	7.4822	7.53566	8.92908
0.373116	0.433523	0.714017	0.510873	0.233493	0.683595
0.960475	1.2344	0.464854	1.0439	0.744575	0.933374
23.9866	23.2937	23.0262	23.8969	19.4566	23.9203
0	0	0	0	0	0
0	0.0160478	0	0	0	0.0181671
22.85	15.524	17.2545	15.265	26.0927	26.6097
0.874117	0.451499	0.731822	0.480418	0.474682	0.385405
11.8833	10.1355	11.1239	15.2561	8.29946	12.6714
42.5398	38.4855	36.0639	38.9785	30.6774	30.8452
0.542993	0.347849	0.288958	0.30073	0.376627	0.370622
10.2905	8.37309	10.3365	8.12113	8.53803	9.7023
133.006	139.184	120.988	140.861	148.367	130.406
1.48718	1.37709	2.04266	1.89786	1.70561	1.41098
0	0	0	0	0	0
23.5847	17.6747	23.2822	21.148	25.8478	19.4502
2.42728	1.91434	2.4585	1.82215	4.18172	3.57392
6.54774	5.07585	5.66184	7.08976	6.70989	7.73541
5.06541	5.8657	5.49792	5.42032	4.42765	3.93811
0	0	0.109034	0	0.104496	0
22.6505	18.9694	17.9501	23.5238	13.9641	11.6399
5.65005	5.97024	5.55561	5.86852	5.129	6.24795
1.30533	1.12705	0.266902	0.809276	0.77205	2.22591
5.89589	3.64957	4.46364	3.04446	2.87762	3.20437
1.69728	1.64111	1.25785	1.61438	1.41231	1.38813
1.80412	1.81538	2.12981	2.61856	1.39858	1.6599
0	0	0	0.0810374	0	0
0.415874	0.628596	0.492633	0.477352	0.322392	0.532291
0.737103	0.412306	0.608649	0.133732	0.32142	0.336064
0	0	0.5424	0	0	0
1.51407	1.50998	2.29631	1.80515	1.4882	2.47637
0.0525716	0.602244	0.72291	0.572282	0	0.0639166

2.34122	2.31699	2.49631	2.42018	2.58376	1.82386
10.6431	11.2626	11.2079	9.56983	8.1469	9.65742
0.495083	0.553219	0.502973	0.616098	0.321993	0.463643
8.08789	8.68575	10.9954	8.2046	8.234	7.46185
6.13527	6.54811	6.08744	6.47827	5.17611	5.3753
0	0.0506715	0.0858693	0.102721	0.0822955	0.0573632
6.28195	5.66629	3.66156	3.8438	3.62853	3.89368
6.73839	5.32498	5.71631	5.86561	9.28505	7.98434
0.283433	0.304399	0.458526	0.565654	0.274652	0.172299
0	0	0	0	0	0
2.22775	1.41975	1.32017	1.55455	1.51823	1.32752
5.99915	8.59055	10.8765	7.4313	8.33907	7.29377
0	30.0218	0	0	32.5056	0
0.80511	1.0971	0.756275	1.28165	1.18787	1.26304
21.3702	20.8928	26.3131	22.4274	28.6761	23.7694
1.29491	1.48474	1.40485	1.9707	1.69515	2.25909
0.213831	0.229648	0.216204	0.310361	0.165765	0.0866584
0.412885	0	0	0.149819	0	0.334657
0.247076	0.31807	0.19964	0.322379	0.30622	0.200086
27.8227	24.2885	27.5334	28.8617	30.6332	28.5824
4.39414	3.04856	2.20423	2.22482	2.9839	2.84375
12.2161	11.3204	12.5049	13.2807	11.3063	13.6219
9.2704	8.19363	9.61637	8.19154	8.70556	10.8572
468.777	313.26	252.79	249.48	314.95	329.299
1.46833	0.21026	0.237541	0.511486	0.318717	0.285632
0.0289118	0.0221029	0	0	0	0
64.504	55.9233	60.7539	63.9618	55.1442	60.5023
51.9281	50.9158	48.6248	55.0117	63.1925	41.3983
26.7403	27.2368	29.0419	30.0165	29.4549	23.6275
17.5475	18.7404	18.8246	19.5279	23.7222	14.2594
4.7771	3.25233	3.92309	3.56817	1.73306	2.60439
0.0464576	0.0332627	0	0.0337151	0	0
0	0	0	0	0	0
0.0389949	0.0837588	0	0	0	0.0316067
21.6587	14.6693	18.2134	22.8068	19.0639	22.1001
0.21813	0.0567915	0.0160401	0.0719548	0.0153725	0.0964371
8.7595	8.15697	7.69394	9.74988	9.26924	8.86394
10.6378	10.1947	13.868	10.8387	9.45495	13.2542
0.0128869	0.0925242	0	0.0187045	0	0.0104453
0.101178	0.120736	0.0886611	0.134616	0.0784349	0.129846
38.4416	26.0188	36.8985	34.8967	36.0896	31.6814
13.5075	12.3864	12.8996	14.7571	14.133	17.3471
37.0802	27.0285	34.1297	32.6066	43.9464	32.8222

0.0418	0.029928	0	0.030335	0.032404	0
0.0574188	0.0411107	0.116112	0.333359	0.578655	0.209429
0	0	0	0	0	0
0.206442	0.147809	0	0.149819	0.160037	0.167329
0	0	0	0	0	0
2.59219	2.95938	3.2936	2.10393	2.34727	2.18443
4.41444	4.0348	3.90712	3.45069	4.76698	5.39901
13.2763	12.2268	13.308	13.7146	13.2466	13.1464
0.469725	0.286596	0.440564	0.376075	0.397026	0.520335
6.8614	6.56798	6.15331	7.55937	5.12635	5.7226
0	0	0	0	0	0.0458536
4.74707	3.18328	3.54283	4.0466	2.41755	2.9198
0.0204509	0	0	0	0	0.0165762
24.5381	22.4741	22.8656	25.2779	21.4652	20.7921
33.997	30.2074	37.499	35.652	37.0803	40.1677
0	0	0	0	0	0
0.536034	0.410259	0.777467	0.576808	0.659136	0.749093
108.467	88.0971	92.3111	117.289	72.1631	93.0393
0	0	0.0860783	0.0772285	0	0.0862543
2.97792	2.79639	2.6684	2.49844	2.64352	2.91658
20.1621	23.2379	17.8998	18.9655	21.9473	19.5877
2.56408	1.83157	2.44917	2.64488	1.4882	1.79578
134.047	0	72.2851	64.8534	242.468	144.866
8.89938	8.29915	10.5891	10.2489	7.07289	10.3311
0.15191	0.0613045	0.0384766	0.0460282	0.0491675	0.043375
4.52712	4.95733	5.33129	2.31911	3.71593	5.66596
28.0153	20.4255	24.1061	23.8354	25.0955	29.7271
0.057268	0.0307521	0	0.0623407	0.0221975	0.0928353
19.3352	18.6189	18.9597	16.6847	16.5052	16.1656
0.0245133	0.0351021	0.0396567	0	0.0570093	0
0.0404595	0	0	0	0	0
1.57583	1.08159	1.38087	1.43419	1.32745	1.4724
4.89634	5.35373	6.55452	5.38113	4.26867	5.12247
0.304483	0.054501	0.24629	0.0552421	0	0.123397
30.2911	33.9571	30.7927	33.5219	32.9359	33.1084
4.18618	3.69499	3.35801	3.28959	3.5485	3.4554
12.6288	11.5315	8.25023	11.0404	8.81064	8.53492
0	0	0	0	0	0
0.307223	0.297461	0.248507	0.252892	0.367538	0.487079
4.77774	3.32795	3.67377	3.01353	3.87741	4.55142
0.0527595	0.0377748	0	0.0382885	0	0
23.9684	20.4822	20.6811	21.0635	17.6798	21.9392
16.9544	13.9642	14.7382	13.3967	12.8516	17.9577

0.353243	0.210763	0.142866	0.128178	0.31948	0.0954386
0	0	0	0	0	0
0	0	0	0	0	0
4.23728	2.4369	5.65843	3.23555	2.14915	4.48344
14.8424	21.5978	19.657	16.8408	17.6018	16.0508
42.8837	47.4933	43.7819	30.3055	37.9755	27.859
0.227191	0.338278	0.214287	0.281307	0.154201	0.298878
5.04948	4.63183	5.1442	5.30027	5.59305	5.73713
0.265261	0.207188	0.214565	0.210005	0.25237	0.156366
3.87427	2.30012	0.745034	1.63476	8.28699	3.23975
1.36429	1.0989	1.4484	0.433163	0.264404	1.03792
7.4264	5.30231	8.00382	6.12713	5.56408	7.1795
4.63489	5.21873	3.50799	4.48727	3.50343	3.78791
27.9485	25.5711	17.8475	23.4283	13.0393	20.6327
121.918	123.747	123.105	126.818	125.501	88.4978
0	0	0	0	0	0
6.41918	6.71406	7.25138	7.38796	6.90594	8.04974
0.338078	0.411097	0.175599	0.817016	0.450048	0.789384
4.29319	3.53718	3.91952	3.42492	2.83871	3.45419
2.78186	1.91589	2.57713	2.7675	2.10009	2.37674
0.0567898	0.0406604	0.137808	0	0.220122	0
12.4744	16.8466	7.80026	8.01488	12.3968	11.3438
0.919645	3.62146	1.8597	2.66961	2.13877	1.86351
0.247991	0.651041	0.334324	0.359943	0.736944	0.43551
0.44829	0	0.362612	0.325332	0	0.363353
46.5437	39.4581	43.7694	44.9811	44.5051	42.6653
38.844	34.1974	36.4193	37.761	45.5055	35.9562
3.09499	3.19559	2.86436	2.50615	3.00848	3.59346
0	0	0	0	0	0
0	0	0	0.0448738	0.0479345	0
0	0.0351668	0	0	0	0.0398109
1.93395	2.01657	2.23618	1.54652	1.66398	1.83827
31.1673	41.2118	41.2135	36.9311	32.4755	49.1856
4.10581	2.58766	3.66997	2.50392	2.94217	3.03426
9.15266	8.30381	5.97333	8.10752	6.16531	6.98335
0	0	0	0	0	0
0	0	0	0	0	0
1.41242	0.842723	0.698182	1.36669	0.851614	0.763211
30.3363	25.2277	27.0547	27.3546	28.4744	28.2391
0.0182334	0.0294665	0.00632086	0.0268968	0.0403853	0
17.4106	18.8909	17.308	15.534	16.7816	18.4168
10.5852	8.82075	8.38396	9.05699	4.69923	7.82768
6.79187	5.28835	7.89735	6.28445	5.23226	7.19096

22.9085	27.85	22.8791	18.3215	17.2154	21.2965
0	0	0	0	0	0
190.398	140.944	193.003	166.323	171.207	108.81
4.78248	3.35956	5.66886	4.16924	4.80336	5.1441
0.0862646	0.185291	0.139555	0.187811	0.150466	0.139841
11.1242	10.7654	10.0174	10.2928	9.22063	9.7018
62.2454	68.5472	61.5809	75.4952	47.8274	65.7328
0.184526	0.0566218	0.0852913	0.0573918	0.102177	0.128198
6.89878	5.2626	6.3793	5.55386	7.35304	6.94334
7.10716	5.80477	5.85127	8.31385	9.91869	5.47003
39.168	74.5256	49.9498	44.4348	82.8758	60.4264
0	30.0218	0	30.4301	0	101.96
2.2604	2.09282	0.741108	0.806004	0.226573	0.805445
18.3293	17.7834	18.9422	18.5024	20.804	20.377
13.6208	10.9114	11.0888	13.1798	10.9729	11.4538
17.3799	14.7684	18.8778	16.1965	20.3104	18.6873
10.2179	12.6723	14.1075	11.4553	8.38539	9.1958
0.176855	0.126625	0.198698	0.11408	0.190429	0.12741
0.0877186	0.224319	0.221202	0.101859	0.108381	0.113768
10.3103	12.5265	11.6351	12.6753	8.47017	11.029
9.46088	10.1517	11.9147	9.90337	8.52452	10.0421
5.73589	4.39967	6.2045	5.616	5.02147	6.21499
0	0	0	0	0	0
7.3643	6.10519	7.21072	8.39126	8.16242	7.1446
1.49461	0.802583	1.20896	1.35583	0.579321	2.42286
18.9895	17.2282	17.7973	19.116	17.1203	17.1356
0.773179	1.31111	1.0204	1.5652	1.10412	0.857572
1.52251	2.11961	2.59989	3.37611	2.88511	2.46809
15.6963	20.1642	16.0928	15.7977	18.878	15.8639
4.54182	4.13607	3.96273	4.02936	4.09847	3.92947
3.51631	2.95106	3.34738	3.07546	2.51374	4.50367
4.55831	4.30032	4.55113	7.11066	2.61672	1.67682
0	0	0	0	0.0387992	0
32.3431	29.7241	28.5771	41.2477	26.6604	26.4568
0.393589	0.657539	0.778229	0.380846	0.508527	0.638034
0	0	0	0	0	0
20.5715	29.4545	23.099	20.7314	19.594	21.866
22.6747	22.5775	29.9388	27.7941	23.2599	23.7212
0.178915	0.256199	0.578882	0.519366	0.138697	0.290033
54.5159	45.1985	57.1786	62.3774	64.6585	59.8862
1.16665	1.00375	0.665676	0.988845	0.743381	0.945608
10.7466	9.76729	10.419	10.3221	11.0956	11.2737
19.3103	18.1864	21.0517	17.7182	19.4983	17.1171

0	0	0	0	0	0
0	0	0	0	0	0.009333
3.01816	2.38762	3.14129	3.89052	2.38881	3.23325
2.76069	2.87183	1.74708	1.66174	1.8506	2.89572
44.5418	39.3361	47.8877	48.2696	38.5681	45.368
0.410258	0.334945	0.448143	0.308969	0.639268	0.298252
0.159089	0.196258	0.714441	0.383204	3.36E-26	0.523895
3.36412	3.48009	3.90539	3.1379	2.91648	2.76065
2.44315	3.15887	2.67119	3.33818	1.62237	2.75923
0	0	0	0	0	0
0	0	0	0	0	0
1.38589	1.08248	0.611464	1.28006	0.586016	1.02119
0.114801	0	0.0309533	0.027771	0.0296651	0.0310166
0	0	0	0	0	0.276318
105.606	104.894	100.327	109.751	111.792	98.7163
0.145235	0.103986	0.381803	0.23715	0.140736	0.588591
0	0	0	0.044464	0	0.0496606
36.5731	35.9118	33.5981	39.0543	33.3474	27.244
11.4401	11.8389	10.0417	7.12683	11.3919	11.8331
0	0	0	0.0294673	0	0.0658111
35.9892	29.5238	37.9873	34	35.7091	38.4422
4.21705	4.10628	4.50263	5.05984	3.09477	4.14725
7.70506	6.95877	6.59168	7.94035	8.70253	6.52686
0.0249504	0.020097	0.0315341	0.0203703	0.00483548	0.00505578
17.7036	16.997	19.0215	16.1367	13.9061	16.1524
58.4163	68.7561	56.1166	58.2913	57.3669	63.5032
8.51774	6.23216	8.16393	6.56071	6.77091	7.5332
0.171433	0.490972	0	0.373237	0.265796	0
0	0	0	0	0	0
0.537469	0.427575	0.652122	0.671755	0.347212	0.338829
4.36714	4.0743	3.54779	5.55659	4.93899	5.25594
17.1769	14.8264	16.6814	15.9415	16.5326	15.8403
6.38498	5.38846	5.5642	5.5446	6.92462	7.82544
71.3268	82.5335	69.9782	70.2142	76.4301	47.4624
0.125618	0.26982	0.228622	0.182327	0.304316	0.203635
33.1877	28.4593	32.1876	34.2724	36.0478	27.1936
154.187	158.325	124.217	127.78	176.761	98.757
59.0045	57.6163	55.9611	56.0056	54.1917	53.6082
1.33764	1.11596	1.28898	1.58696	2.10998	1.89499
438.371	440.917	437.153	477.161	447.48	390.163
30.3065	34.5532	34.2012	32.9206	24.5063	29.6162
0.401388	0.145407	0.185832	0.0368456	0.209917	0.212466
1.18147	1.05739	1.64852	1.80057	1.48833	1.96312



0	0	0	0	0	0
0.515617	2.23349	0.834144	0.374192	0.799428	0.417925
36.4643	27.4645	20.7183	24.3803	20.6162	24.9702
8.94338	7.26545	7.12851	8.13258	8.91984	9.73898
48.8829	54.1674	55.449	43.251	45.9371	48.4023
12.6222	9.14996	11.8903	8.15507	13.3476	10.0522
16.4339	18.377	15.7587	16.3507	15.8905	13.7499
2.74643	3.18285	3.07519	3.35377	3.61677	3.00392
0	0	0	0	0	0
16.3313	14.9023	15.7467	16.3904	14.215	14.3516
93.9644	104.187	106.02	98.5165	104.265	85.1423
9.25353	7.94314	9.88355	7.92747	6.65826	7.29311
42.0158	43.94	44.4828	45.7832	41.2392	42.0592
1.23556	0.786343	0.296124	0.542428	0.4257	1.23637
0.0253295	0.0181354	0.0204885	0	0	0.0205304
1.08644	0.697403	1.06062	1.45003	1.0552	1.33608
118.368	229.436	169.444	184.519	107.155	87.1044
0	0	0	0	0	0
0	0	0	0	0	0
8.68592	7.47939	8.87972	7.72574	6.79783	8.25175
4.36057	2.90371	4.03137	3.31913	3.38038	3.75782
0	0	0	0	0	0
0	0	0	0	0	0
1.28079	0.816462	1.16143	1.35027	2.20761	0.717729
4.51E-08	9.82E-09	0.118988	0.146307	1.51E-08	4.65E-09
29.7502	20.9821	26.7213	29.6909	29.4712	27.4776
150.822	153.927	147.513	166.604	153.572	151.175
0	0	0	0	0	0
22.3022	21.9672	20.9048	23.2215	18.4305	20.2659
88.0667	85.5946	71.2751	95.6576	60.9738	67.0328
5.0508	4.70836	3.79406	4.31272	4.74657	4.87514
1.70326	1.4634	2.37394	0.988869	1.56416	0.860188
0.0676315	0.129128	0.34647	0.163605	0.122334	0.127908
0.252993	0.0724554	0.204641	0.0734408	0.117675	0.123036
21.8607	19.0798	21.9021	20.2724	18.2729	21.9903
0.175608	0	0	0	0	0
0.47314	0.338759	0.422999	0.271078	0.135131	0.363312
25.4281	24.272	27.289	28.9423	26.9868	29.3835
0	0.709322	0	0	0.256002	0.267665
42.7944	40.6937	41.2501	44.0293	41.7105	46.3206
6.87133	5.68606	7.63587	7.79844	8.44649	8.46695
0.306843	0.458471	0.252093	0.135914	0.175673	0.656742
0.0769943	0.0551264	0.186837	0.0558761	0.119374	0

9.04467	6.26825	8.00389	7.60176	9.99299	6.87674
46.9587	52.0241	47.1949	47.1174	37.1038	33.4907
0.795028	0.426918	0.643082	0.769288	0.205439	1.07399
10.7345	10.9549	11.2688	10.6706	11.8724	10.1805
3.10933	4.52327	3.46394	3.05652	2.00501	3.58558
0	0	1.38917	0	0	0
0.886777	1.02363	0.586845	0.717115	0.766912	0.882613
16.2772	17.9032	15.3951	15.0105	17.2731	18.258
37.4791	35.24	41.915	35.7929	46.6806	43.3527
24.3078	25.6262	27.1675	26.4917	22.3154	25.1882
0.171926	0	0	0	0	0.069676
104.699	123.967	112.792	117.511	107.278	111.592
2.73961	2.60692	4.03567	4.2182	2.39224	2.93201
1.18142	1.11724	2.1552	1.75826	1.6293	2.45881
1.25214	1.53154	1.35045	1.2116	1.6178	1.69151
7.3687	5.65733	5.55966	5.81763	5.33592	5.42197
0.962882	0.590919	0.630502	0.698781	0.604262	0.631791
15.3407	2.74591	0	0	5.94617	15.5427
7.99082	6.95914	8.11952	8.47702	8.5751	8.54746
3.55561	4.31727	4.34374	3.75084	3.23943	3.65442
0.334175	0.136722	0.205949	0.161678	0.185041	0.374045
9.09008	9.59121	9.80371	7.82361	7.9987	8.32434
0	0	0	0	0	0
0.868447	0.482098	0.386149	0.460159	0.464538	0.364587
7.45985	6.39429	6.58655	5.45188	6.43462	6.451
7.63513	8.22306	6.39535	7.02605	7.49947	8.33668
0	0	0	0	0	0
1.32806	0.769612	0.884037	0.932916	0.657309	0.941284
6.37696	4.13996	5.21165	4.65185	4.25194	3.669
24.4098	20.606	24.0478	24.3735	24.3017	24.6637
49.1076	31.1102	24.501	26.0501	32.8009	35.3797
11.4989	9.95231	9.74393	9.46007	12.4917	10.6102
0	0	0	0	0	0
12.6315	11.393	12.3604	13.8397	9.77074	12.2031
6.11696	5.79242	7.48121	7.50723	5.49565	5.97639
25.7327	27.0814	22.91	19.1107	17.4594	21.1042
11.2416	11.3415	7.6306	7.93006	5.42383	7.67806
29.9426	30.853	32.606	34.4799	30.2659	31.7207
2.14257	1.60827	2.09647	2.05648	1.68774	2.26882
0.0797568	0.0746164	0.0206444	0.0926095	0.0791408	0.0620598
0.613631	0.473098	0.559904	0.411118	0.317419	0.751982
4.36791	4.21781	3.67701	5.06319	4.88145	3.93472
7.73231	6.43003	9.49031	7.197	7.05808	7.62699

7.5512	8.7317	7.04336	9.83748	4.82335	6.61739
11.2185	8.67068	8.86499	8.0997	9.29882	9.69915
11.982	8.4399	11.171	9.7556	9.9221	10.341
42.8401	37.3752	35.3173	38.5317	37.6974	39.8204
4.20514	2.98571	3.89467	3.74857	3.9499	4.35709
15.4594	12.7532	15.5889	18.4636	12.717	14.159
403.323	492.574	487.261	463.089	479.336	481.982
5.21379	3.29513	5.68325	4.53016	5.90218	4.74188
1.15202	0.824823	1.28129	0.41802	0.334898	0.817031
5.48756	3.3061	2.6795	3.93385	2.95708	2.27817
23.3037	19.8004	16.8121	17.3248	23.725	20.4858
0	0.104787	0	0.0531058	0	0
8.96017	9.37883	9.83636	8.20346	7.83737	9.31451
3.26624	4.12351	4.49678	4.23764	3.22447	5.15432
10.1092	8.2567	10.1154	11.6296	11.6682	11.694
1.81496	1.00604	2.50994	3.3566	2.04239	3.17944
0.663428	0.686057	0.304858	0.562343	0.704729	0.617371
6.73989	5.10192	4.82035	4.64536	4.94985	5.74187
4.93734	4.43888	3.58472	1.69039	6.32796	2.59855
0	0	0	0	0	0
6.8167	8.14871	8.4773	7.97622	8.72975	7.69142
0.0627664	0.134819	0.0507704	0.0227753	0.0729862	0.0508743
0	0	0	0	0	0
25.5857	22.6827	23.3149	23.164	27.377	23.2596
1.62929	3.03301	0.527161	1.89185	1.51566	1.3206
5.9084	5.59733	6.83682	6.36204	5.45121	7.02537
4.77571	4.64013	4.83472	5.25262	5.60639	6.93754
14.9455	13.5431	15.7334	16.3785	17.4592	13.9581
27.9696	25.1402	30.6732	27.726	29.617	28.8636
0	36.5288	0	148.102	0	0
0	0	0	0	0.0174168	0
1.79795	0.835989	0.993909	1.0383	0.810304	1.07569
0	0	0	0.310217	0	0
14.383	11.6792	12.9438	13.384	13.894	13.8033
16.1561	14.7669	18.2817	24.7903	19.0198	25.7721
0.645106	0.63509	0.608782	1.09238	1.02103	0.827893
0.671013	0.460415	0.565384	0.365225	1.04036	0.226616
10.7646	6.19073	8.41355	8.96172	6.45821	8.68297
6.98741	6.92438	6.64024	6.98368	6.3692	7.1879
5.8367	3.33139	4.61478	4.35511	4.40998	4.95739
2.10782	2.21109	0.951612	1.24509	0.570005	1.62899
0.0607645	0	0	0	0.0471056	0.0985034
2.29699	1.7202	2.79745	2.70141	2.63924	2.39666

54.4271	46.3233	47.465	42.6188	50.534	27.4447
32.8787	28.4276	30.4364	30.8644	35.1059	32.8265
1.03613	0.890217	0.419051	0.939921	1.04419	0.713844
0	0	0	0	0	0
60.0517	57.845	63.1891	63.3826	70.3573	45.4272
43.15	56.0989	54.0454	57.6157	43.0686	40.6688
0	0	0	0.104451	0	0
16.8373	20.5557	17.5481	17.7413	17.6126	20.4271
56.6084	63.1873	62.5787	55.5651	56.8367	50.4423
9.36159	6.21262	7.43259	7.62307	8.70133	6.70252
0	0	0	0	0	0
6.75999	4.27846	5.8356	4.24122	4.01285	4.97346
8.97502	2.62913	4.35608	13.5004	11.0901	23.7946
5.67456	4.14207	5.59215	4.95299	5.00783	6.0698
0	0	0	0	0	0
82.7559	75.6389	79.7186	80.2774	67.1252	78.6418
0	0.0471978	0	0	0	0
4.09985	3.86474	3.48335	3.0585	2.86159	3.1423
2.82995	1.51964	2.77961	1.71145	2.35052	2.86721
180.342	379.437	204.876	95.8632	394.234	744.709
2.88464	2.87366	2.58549	3.21356	2.32684	3.21713
0	0	0	0	0	0
1.17853	0.933152	1.21124	1.16721	1.12859	0.932765
0	0	0	0	0	0
27.7011	16.3575	19.5963	30.5001	31.2152	41.0089
0	0	0	0	0	0
6.42352	8.69981	4.8766	5.1813	3.71103	5.0231
0.157058	0.224902	0.412884	0.39893	0.273947	0.350078
0	0	0.0187421	0	0	0.0187805
24.2385	30.1193	21.6662	23.5051	17.9345	22.2954
7.27985	6.61949	7.73396	7.1108	8.15957	7.21063
0.508317	0.313649	0.609474	0.521459	0.529773	0.539802
0.129094	0.351384	0.241638	0.356162	0.11579	0.138361
0.106417	0	0	0	0	0
7.3445	5.30438	5.59542	6.25969	5.42875	7.14701
15.2545	12.5509	17.5437	16.5843	15.6393	15.8216
12.4202	7.65486	9.27858	7.96718	7.5572	8.18537
0.269072	0.157192	0.354627	0.15153	0.246122	0.350795
134.581	151.97	102.856	60.5618	52.76	65.8286
0	0	0	0	0	0
1.23259	0.718733	0.727787	1.46374	1.41339	1.20661
42.3919	35.0703	43.8433	43.3123	47.8162	44.4581
2.36924	2.01726	2.12361	2.46292	2.73019	2.02415

64.2752	98.2076	91.4107	74.1466	108.696	104.568
32.9541	31.1087	34.713	31.7593	31.5809	34.9783
0	0	0	0	0	0
0	0	0	0	0	0
29.7982	30.7367	24.5944	26.534	14.6127	20.6574
1.47363	1.54147	0.0993326	0.891202	1.52998	0.995357
1.15543	0.776058	0.934585	1.15043	1.05911	0.820645
17.9025	15.5311	17.4405	17.7338	19.3485	18.4295
69.4917	69.6971	68.2399	71.7676	78.5169	68.2114
0.132165	0	0	0.0239786	0	0.026781
0	0	0	0	0	0
2.21449	2.47296	2.00514	2.32669	3.02346	2.23695
0.126696	0	0.102482	0	0	0
0	0	0	0	0	0
26.5203	23.5951	22.1161	24.201	14.1065	22.4034
17.1373	13.4289	17.3924	15.0149	16.5767	12.5878
13.8135	11.1059	10.0721	16.9241	12.867	12.123
0	0	0	0	0	0
20.0687	24.3828	21.7904	23.3993	18.9754	20.3228
7.46E-52	8.51E-25	3.70E-31	1.69E-09	0.00116002	1.29E-27
0	0	0	0	0	0
0	0.0637555	0	0	0	0.0306983
8.20521	6.41156	7.20644	7.54742	7.67287	8.16238
0.223867	0.149612	0.186702	0.177863	0.0924214	0.108355
230.96	215.631	215.552	244.091	260.184	257.421
10.2127	11.6084	10.0353	9.75799	6.26076	7.32691
0.777341	0.546255	0.256168	0.292512	0.223188	0.198353
3.62794	2.01037	2.67276	2.63567	2.97877	3.28081
3.91937	1.82157	3.33716	4.5909	2.31875	3.26038
0	0	0	0	0	0
27.4886	31.7955	30.7706	30.8043	27.8171	27.0903
24.1896	25.5093	28.5135	33.0256	28.9157	25.0082
1.28176	1.83543	1.43555	1.35952	1.45224	1.5184
19.5969	17.548	17.1239	22.6013	17.4151	18.9631
33.743	24.2913	32.6626	31.3587	38.4136	20.6509
4.37991	8.10238	10.4844	3.5074	4.24001	3.92165
0.55425	0.515882	0.403489	0.241337	0.171865	0.224619
0.182508	0.169874	0.147627	0.304634	0.240521	0.147929
0	0	0	0	0	0
36.326	37.711	37.7069	41.568	34.7921	40.1957
0	0	0	0	0	0
0.0626864	0.0448823	0.0760586	0.068239	0.0728932	0.0508094
7.83667	6.28422	7.94804	8.12834	7.19668	9.34869

2.99574	1.66307	2.3354	2.39462	2.05309	2.37536
0.118574	0.107447	0.145067	0.175688	0.143626	0.128144
0.27051	0.312868	0.302968	0.483235	0.4678	0.472247
11.4326	8.20652	9.4676	8.93321	5.24365	6.99233
12.5718	12.4202	11.8639	11.1746	8.46148	12.9545
1.43298	1.93797	1.24496	1.11697	1.19315	1.76372
20.9157	16.8471	15.188	14.0865	20.6976	10.724
7.64498	8.54202	8.63357	7.20961	6.14717	6.91332
2.08438	2.66436	3.44211	2.71107	2.73542	1.39742
3.89016	3.30457	4.18667	3.54091	2.99015	3.34015
0	0	0	0	0	0
0.864624	0.841527	0.972571	0.931405	0.617905	0.438004
4.07085	3.35314	4.42929	3.45103	2.98822	2.89077
1.16502	0.968191	0.504837	0.973809	0.709613	1.18879
29.8503	31.2363	30.8002	30.4394	27.7996	28.7441
0.0921126	0.219836	0.12418	0.155978	0.190419	0.298641
0	0	0	0	0	0
71.4158	73.4173	70.4322	63.7453	64.9845	54.6347
0	0	0	0	0	0
7.44966	6.37155	6.5182	6.64323	5.98296	7.27287
1719.3	2091.08	2046.26	2219.59	2399.82	1954.1
7.03341	7.81469	8.89803	8.26332	6.54954	7.52578
21.5181	23.4154	22.9927	18.5938	25.505	14.1274
0.0310104	0.0777101	0.0501674	0.0450096	0.0480795	0.025135
0.083871	0	0.0150755	0.0693028	0	0.0151064
3.64343	1.32906	3.07236	2.62812	3.63924	3.30106
0	0	0	0	0	0
0.172313	0.24255	0.136169	0.489192	0.241668	0.181491
0	0	0	0	0	0
0	0	0	0	0	0
0.0804988	0.0687544	0.0455297	0	0.0625076	0.0652143
9.4607	8.30427	8.38839	11.6521	12.7641	9.51154
0.00656939	0	0	0	0	0
27.4172	26.75	32.517	27.8432	22.8807	28.4772
7.55396	4.69829	7.7561	6.5157	5.6785	8.14304
2.6997	2.2169	1.80429	1.88618	1.54478	2.08842
10.581	9.80023	12.3289	11.4415	10.8149	11.5054
3.68324	4.34381	3.94072	4.10269	3.34418	4.08726
0	0	0	0	0.0743135	0.0517995
0.0699846	0	0.0566092	0.101578	0	0.0567249
36.9064	38.0911	38.2108	33.0778	35.7055	45.0278
3.48756	3.87942	3.86201	3.27386	2.70235	3.65593
0	0	0	0	0	0

0	0.0325257	0.0367459	0.065936	0	0.036821
7.83872	5.72743	6.17098	6.68694	5.98022	7.18407
8.65209	8.8228	9.33134	8.56224	11.7885	5.10023
0	0	0	0	0	0
3.45298	5.27417	5.02748	5.20668	3.92598	3.70057
15.9843	16.9462	13.8432	13.9413	10.8461	16.5082
0.405624	0.363024	0.451139	0.18398	0.393057	0.164386
15.9285	6.92445	9.36683	9.21756	12.3007	11.8914
0	0	0	0	0	0
9.53944	8.26209	9.24087	9.11743	9.20843	11.0348
0.210923	0.100294	0	0.135543	0.072394	0.114704
0.0379911	0	0	0	0	0
0	0	0.0351712	0	0	0
27.4881	22.4998	26.0076	25.048	18.0295	21.5981
0.496008	0.304399	0.114632	0.257115	0.329582	0.114866
6.09001	8.15531	7.86795	6.13831	7.10337	7.41903
7.24214	4.96681	6.35083	7.62525	6.4979	6.14541
55.4889	49.9966	58.5063	51.865	51.8342	49.8848
22.1672	19.5462	21.9917	23.4069	22.1711	21.0738
3.939	4.24452	4.69986	4.91978	2.69661	3.45647
4.40587	4.14839	4.63783	3.81061	4.02369	4.67177
0.0553834	0.0793069	0	0.0401927	0	0
0.222122	0.159035	0.17967	0	0	0.0900188
10.2326	12.0026	12.4366	12.6218	13.6381	14.1031
17.4568	18.1352	18.82	19.4384	17.3679	20.016
0.307713	0.881267	0.580773	0.297751	0.318059	0.332549
18.2499	15.5006	12.5857	15.1529	16.7718	13.1809
0	0	0	0	0.032095	0.0335572
19.3065	13.8518	15.4935	18.3775	16.2503	20.0572
0	0.0403347	0	0	0	0
0.0265595	0.0760653	0	0.0989203	0.0823584	0.134549
40.2549	33.8548	29.9494	43.4264	26.2597	38.0557
11.2825	9.68677	10.0997	9.52845	11.1926	10.7828
0.210027	0.0269374	0.0424716	0.109215	0	0
13.4051	10.9172	12.1908	10.3285	14.9211	12.5699
4.43932	5.4034	6.10449	4.02712	4.12971	5.0375
4.91122	4.28727	5.55964	4.78243	5.17769	5.39849
5.16959	5.01822	5.12083	5.68636	4.2635	6.11073
0	0	0	0	0	0
26.2275	28.9184	26.66	27.1083	22.5773	18.943
3.45472	2.95812	3.54724	3.51001	3.00609	3.60022
0	0	0	0	0	0
43.8809	30.5797	44.5663	41.0425	50.659	40.4575

0	0	0	0	0	0.0352583
7.75483	4.33288	6.59516	5.47003	6.5735	8.98775
2.81027	2.46581	2.49726	2.46946	1.47303	2.56733
0	0.166432	0	0	0.360403	0
3.91733	2.24379	3.38469	3.21743	4.94166	2.56897
0	0	0	0	0.0616157	0
0.662379	0.316167	0.535785	0.640934	1.19814	0.894801
9.28053	8.93662	8.70325	8.81112	8.82406	7.99861
3.97436	6.9209	6.13173	4.86203	4.4377	5.75515
0.452927	0.0526462	0.139016	0.23932	0.149049	0.0978109
0	0	0	0	0	0
0.449752	0	0	0.225878	0.0413629	0.0432474
0.588721	0.702522	0.582028	0.458893	0.523998	0.512525
1.3492	1.76719	1.07326	0.915312	1.2728	0.978544
1.06886	0.139142	0.628783	0.141034	0.301307	0.945103
0.0730852	0	0	0	0	0
0.0229581	0.0876669	0.055711	0	0	0
0.12765	0.18279	0.15488	0.254754	0.0742171	0.232795
0.257282	0.233332	0.221984	0.348533	0.265932	0.29195
22.8345	21.2994	19.9149	23.0888	19.7586	20.2038
0	0	0	0	0	0
0.600935	0.729568	0.676291	0.720528	0.486108	0.55061
7.83893	7.20274	7.22846	6.90247	9.93566	7.82566
0.208215	0.331748	0.29044	0.426443	0.258737	0.435055
0	0.29206	0	0.0493386	0.0527038	0
0.248529	0.088971	0.0251288	0.157817	0.0722488	0.125901
0.244884	0.325618	0.311272	0.27927	0.298317	0.453685
4.23362	3.93346	3.62246	3.17067	3.52418	3.92954
4.47471	4.34335	4.61539	4.25031	3.08672	4.34324
73.871	73.1487	95.3914	78.0661	70.676	68.1673
7.29992	6.25326	7.2755	6.59845	6.2148	7.1055
12.7649	10.4451	11.2208	12.4068	10.2237	11.3889
4.29483	2.82501	2.82439	2.73679	2.62564	2.66035
5.25753	4.71748	4.23446	4.56876	3.58594	2.77997
2186.33	2129.81	2196.65	2113.04	2092.4	2183.96
0	0	0	0	0	0
14.012	17.8102	15.4092	19.1949	15.8663	17.0996
5.82979	4.02005	4.96087	4.45508	5.15975	5.85596
3.54861	3.04888	3.00288	3.3875	4.95169	3.29665
14.8889	15.5276	14.861	14.7195	16.7687	15.3923
0	0	0	0	0	0
327.6	306.485	269.97	292.399	301.5	237.976
2.1268	1.85119	2.09981	2.37572	1.6164	2.23086



0.405758	0.421247	0.295388	0.338636	0.204457	0.591985
0.747961	0.392503	1.01716	0.439647	0.115824	0.605618
0.222086	0.134164	0.113679	0.0226648	0.0322809	0.15821
0	0	0	0	0	0
50.4118	47.0121	50.1795	54.7762	58.9082	48.8891
14.9019	14.1331	16.5401	15.528	14.1733	15.4088
6.34949	8.72027	3.78195	3.01611	1.83465	1.96502
23.003	22.7875	20.3468	21.5068	17.9567	20.5249
0.423282	0.233125	0.395059	0.307183	0.353376	0.633387
0.0558543	0.119972	0.0225897	0.0202672	0.0432991	0.135815
0.214957	0.327048	0.30428	0.136498	0.083319	0.196009
0.497635	0.482174	0.566154	0.46819	0.959563	0.917445
0	0	0.0651333	0	0	0
0	0	0	0	0	0
39.4348	30.3066	39.6874	34.9663	34.5992	48.1025
87.729	98.1534	103.563	103.452	113.241	97.2005
1.4973	0.593926	0.749616	1.94391	0.930144	2.24069
11.4347	8.33837	8.99286	9.55617	9.9294	10.6388
0	0.475007	0	0	0	0
1.77505	1.07538	0.110446	1.68455	1.05849	0.553359
1.30893	2.12402	2.22983	2.7433	1.97319	2.5029
10.0991	8.42824	8.81937	11.087	11.0952	9.95838
137.6	156.707	147.58	123.085	140.134	133.608
4.63743	4.39617	3.93973	4.04232	3.59501	3.6958
9.11453	6.00105	8.73997	7.66982	7.89052	8.54704
0.356725	0.361829	0.336639	0.323602	0.230449	0.192758
0.329362	0.795368	0.466226	0.771623	0.50972	0.63229
17.1778	15.0477	18.7682	18.7909	16.9733	16.9214
10.6928	11.7228	12.1692	12.8985	14.4407	12.9042
28.8472	28.4171	29.1341	29.0841	27.5737	27.1048
35.2639	35.1511	37.5764	39.4426	41.6758	36.4584
0	0	0	0	0.0761286	0.079597
22.6115	17.6343	30.4833	24.5775	19.4187	29.5412
0.165282	0.118339	0.133693	0.279879	0.128129	0.223277
3.29083	3.68003	3.94056	3.98904	2.98831	3.37855
1.51164	2.07803	1.95638	2.28182	1.82809	1.96038
1.3326	2.25519	2.15583	2.491	1.56523	1.3747
12.5227	13.268	14.9931	16.7153	13.5943	14.003
0.450708	0.436592	0.950738	0.743963	0.267185	0.179076
142.617	180.891	215.31	211.84	227.11	216.009
25.0847	24.8627	21.8808	24.7539	25.1874	24.479
0.0569598	0.0259338	0	0.0396018	0.0441561	0.0230736
11.7835	17.0693	17.1882	14.6046	12.1707	12.4418

0.521361	0.501601	0.948867	0.662132	0.454688	0.818751
0.155892	0.531833	0.168135	0.230987	0.30591	0.257984
0	0	0	0	0	0
0	0.0640085	0	0	0	0
1.50802	0.810445	1.30474	1.44505	1.29914	1.30865
18.1515	13.788	17.1378	16.9058	17.391	19.3438
5.0303	4.26287	4.89539	4.13353	4.74278	4.87951
10.2514	8.35711	10.7821	10.0416	10.5805	10.5884
5.35764	5.19454	5.20644	4.61716	4.58596	5.18693
11.5836	7.81722	9.0191	13.9857	16.0105	10.8888
8.32373	7.90722	9.15322	8.68595	10.6701	9.34832
0	0	0	0	0	0
3.46E-07	5.39E-07	1.34E-06	3.89E-07	2.24E-07	3.50E-07
17.5834	44.4952	19.3293	51.4969	19.9952	33.6493
0	0	0	0	0	0
5.7283	4.60588	6.39865	3.51376	4.88121	5.61948
12.5866	11.7045	10.7473	11.8836	9.18274	11.4701
6.26962	4.3656	5.82371	5.33746	7.54415	5.4168
0	0	63.7661	0	0	0
24.3317	24.9818	26.7799	27.052	21.8803	25.7565
177.981	161.468	188.768	223.031	228.353	189.562
0	0.230997	0	0.234139	0.250108	0
0.187905	0.269072	0.151992	0.136366	0.0728333	0.228455
0.585246	0.676887	0.564431	0.702428	1.02953	0.802766
3.799	5.30487	3.34014	2.84262	3.40235	3.78686
3.92429	4.31778	2.77427	4.19666	2.09121	3.21662
7.7244	7.14437	7.35699	6.26579	7.51064	7.87418
174.175	62.4628	119.89	20.9555	91.325	214.251
0.260622	0.1866	0	0.141853	0.033673	0.0352071
9.89009	7.298	9.07798	8.85911	9.6512	8.8633
7.40704	5.94334	4.6193	7.59966	7.7715	8.3067
0.056659	0.0467387	0.0916607	0	0.043923	0.475849
0.707889	0.253418	0.572597	0.553245	0.717618	0.684108
0	0	0	0	0	0
7.77642	6.60298	4.2356	7.31668	5.93752	5.00443
0	0.210953	0	0.213822	0	0
0	0	0	0	0	0.0746313
128.84	41.0885	53.2646	56.9495	26.5944	71.3965
46.715	47.0196	52.3472	49.3738	57.4953	50.89
9.86647	9.42533	10.323	9.88429	10.7039	8.27961
13.9894	11.108	10.6913	12.8935	10.8328	11.5946
24.1377	27.482	30.3555	27.203	38.3823	27.7047
6.89129	3.8831	4.26233	4.97705	4.15673	5.50756

0	0	0.13645	0	0.130771	0
9.16376	8.08987	4.46182	6.32748	6.06934	7.13909
21.9623	24.1087	22.334	19.9505	18.6262	22.5072
0.119515	0	0	0.086734	0	0
17.8166	14.3059	16.0683	14.192	14.9502	12.7807
29.7123	27.7473	30.5066	31.0722	29.8367	29.0405
18.6796	15.1942	18.7125	19.5134	19.8861	20.7165
8.88858	8.31547	7.86508	8.82652	9.26991	8.59763
44.7611	43.581	42.2198	49.6813	48.9875	36.7825
1.40173	0.200722	0.566915	0.101726	1.41264	0.340845
1.94967	2.00597	2.19117	1.47063	2.03673	2.19245
58.3609	60.0567	55.289	63.1686	37.0014	49.2811
0.465414	0.40265	0.439208	0.365906	0.33073	0.330079
0	0.0124749	0.0140935	0.0126445	0.0135069	0
0	0	0	0	0	0
60.0011	60.0071	61.5905	64.5533	64.0099	52.2211
25.7974	23.689	23.8506	27.1688	28.2257	24.0873
12.3995	9.97383	11.1648	11.5166	7.93113	11.0221
0.934964	0.964923	0.603699	0.684489	1.05842	0.73554
11.8926	11.2496	9.81281	9.8434	9.30347	11.6271
27.3014	25.6809	27.3292	26.0592	30.9088	20.6686
0	0	0	0	0	0
6.38571	6.80449	6.18019	6.10052	5.64644	6.73931
0.116126	0	0	0.0842744	0	0.0313746
44.8282	41.8962	40.9591	35.6095	45.8455	25.9694
36.7112	41.3738	23.578	30.2807	25.6265	21.2856
48.8163	51.4494	55.7394	55.4397	53.7356	49.6284
0	0	0	0	0	0
0	0.0446836	0	0.0452913	0	0
1.05342	1.98334	2.146	1.81211	2.29865	2.8461
0	0	0	0	0	0
25.2844	25.7812	26.5239	26.2389	24.0864	26.1743
0	0	0.0261985	0	0	0
0.545043	0.716992	0.728164	0.832634	1.02223	0.215962
0	0	0	0	0	0
13.3048	14.3931	14.4818	12.6579	15.8913	10.1844
0.164223	0.0587904	0.0996277	0	0	0.0332771
0.414587	0.430809	0.23772	0.41038	0.547195	0.230351
19.446	19.6152	22.8749	23.3695	17.6588	23.2462
12.753	13.1191	12.1387	11.3694	12.9545	13.2774
0	0	0	0	0	0
8.41887	7.29163	5.38198	8.47478	2.94742	4.73262
0.598541	0.538427	0.471734	0.456648	0.939894	0.64685

0	0	0	0	0	0
0.0002738	2.22E-09	8.25E-05	0.0010378	3.76E-05	1.72E-06
1.24312	1.22683	1.19577	1.34104	0.911595	0.762501
1.02289	0.661318	0.437902	1.1783	1.52884	1.23458
0.110601	0.039594	0	0	0.0428697	0.0448228
8.05149	8.69009	10.0315	8.8606	9.39041	9.42862
3.97766	2.71955	4.02259	3.8772	4.2797	3.82599
12.5021	10.3775	13.3285	15.633	13.5107	18.2677
47.9421	47.4311	49.5057	52.2504	52.2338	51.6509
0.425258	0.378904	0.25684	0.384057	0.246151	0.128683
9.48793	8.41177	9.27232	8.50131	8.7271	9.85578
9.94991	9.20521	10.3708	9.31509	10.1845	10.2339
4.9514	4.10261	4.12621	3.59332	3.31991	4.5554
1.40296	1.2129	1.52876	1.32438	1.24032	1.39167
25.6855	23.5764	24.9078	26.2422	22.1579	20.1717
105.758	112.052	112.865	110.22	119.744	109.435
0.0351167	0.0251429	0.0284052	0.0764544	0.081669	0.0853897
6.08581	4.56444	5.45583	4.67939	6.11595	5.10942
0.0320372	0.022938	0	0	0	0
0.750537	1.03922	1.46366	1.72595	1.16208	1.57244
0	0	0	0	0	0
0.888281	0.423995	0.239504	0.322321	0.114768	0.239994
5.28777	5.85919	6.04235	5.45158	6.3114	5.64652
2.17833	2.37574	3.9133	2.81245	1.27633	2.11463
0	0	0	0	0	0
13.2688	10.6499	12.631	13.7901	11.8562	11.7182
111.088	110.019	115.295	115.804	87.2048	108.588
9.27424	8.59655	6.40647	7.1687	8.09388	8.63418
7.28864	4.39019	5.54473	5.22653	6.12114	5.9546
8.0298	7.97999	7.60325	7.1698	9.65996	9.40395
0	0	0	0	0	0
18.7951	13.2649	15.5973	16.6917	12.1104	15.7478
1.29602	1.28301	0.70124	0.513718	0.636067	0.583696
2.19392	2.32913	2.14178	1.59217	2.58047	2.57539
0	0	0.0605114	0	0	0
0.0526842	0.0188604	0	0.0673076	0.0204208	0.0213512
6.362	3.92135	5.95174	5.56462	5.74908	6.92323
7.41344	4.92188	7.71169	6.40767	7.7578	8.35364
59.226	63.8565	60.5254	68.5174	75.2012	61.4648
0	0	0	0	0	0
0	0	0	0	0	0
20.195	14.4117	11.6727	29.7185	11.81	27.2278
14.7312	14.2562	10.5736	17.5046	14.0552	17.5494

14.8325	9.26927	11.7203	13.253	12.9938	12.7866
21.1637	20.8607	20.4424	23.1376	22.6287	19.9394
8.22725	7.48396	10.3666	8.88537	8.12829	8.76012
508.137	353.69	345.964	304.624	650.961	98.3578
15.5335	13.4048	16.9192	16.4618	18.6256	16.412
2.38804	2.70505	2.79655	2.35384	1.93414	2.4556
52.0922	58.754	65.1972	63.8229	57.4591	58.9138
0.549997	0.928213	0.826208	0.684245	0.51773	0.509476
82.766	84.4474	83.4716	87.5771	92.1022	83.1764
0.934583	0.286776	0.269988	0.24223	0.362252	0.0541079
5.98276	5.59781	4.61937	5.08188	4.74334	5.23496
10.2687	7.38672	10.0025	10.2161	8.5211	9.28049
0	0	0	0.0580568	0.0620165	0
9.12307	7.7435	9.39599	7.01394	5.28793	6.91393
0.177869	0.0509402	0.172649	0.154899	0.0551546	0.0576674
0.412555	0.692305	1.54763	1.76169	1.43538	0.46749
15.2168	15.0286	17.4039	15.5764	13.6876	15.9137
10.8758	8.61623	12.3369	10.7183	10.6261	12.1535
95.485	141.834	210.483	173.591	186.874	202.74
13.8508	12.3863	16.626	14.5643	14.8067	11.2906
0.946873	0.764036	0.86317	0.705608	0.602435	1.09571
0	0	0	0	0	0
0	0	0	0	0	0
2.65071	2.29411	2.19123	2.09278	2.34842	2.4082
0	0	0	0	0	0
0	0	0	0	0	0
40.9763	39.0679	37.3296	40.4961	36.7357	33.3418
0	0	0	0	0	0
0.606386	0	1.08313	0	0.766527	0
5.78756	5.74353	5.10246	5.70761	5.5676	4.25559
0	0.0501077	0	0.0507891	0	0
27.1177	23.0274	23.34	25.6305	25.4382	25.5765
2.94545	2.84079	2.91072	3.23841	2.53023	2.57323
3.97323	4.72103	3.52843	3.53895	3.4323	4.65608
1.62611	1.12546	1.18379	0.983414	1.34462	1.40588
6.62931	5.26066	7.82005	6.3345	6.9093	8.53755
1.64104	1.39973	0.969584	1.1288	0.951356	1.51518
66.6691	60.4532	61.5217	69.1482	71.0688	58.9796
8.7265	10.1094	9.66442	8.82232	9.35242	9.94636
19.1106	19.808	18.5644	21.2738	15.0727	20.3469
0	0	0	0	0	0
10.1963	11.38	9.25831	11.7161	11.159	10.9382
0.186433	0.138761	0.276279	0.246451	0.617578	0.399944

289.499	365.543	248.431	270.105	263.817	180.667
0.217173	0.406671	0.28377	0.193977	0.28491	0.29789
18.0081	16.3705	17.455	17.9703	25.635	17.8856
4.57193	3.47256	3.49601	3.58683	3.50704	2.65631
16.5354	14.5656	15.8765	17.678	13.551	16.4717
0	0	0	0	0	0
0	0.0303575	0	0	0	0
11.6022	9.11162	11.2972	9.81244	10.9386	11.9035
0	0.0790695	0	0.0400724	0.0428055	0.134267
6.33796	8.2156	6.19889	7.21501	5.61977	5.60719
34.1291	32.8811	35.6499	34.5244	36.7279	26.8673
4.17529	2.28603	2.38398	2.31712	0.951986	2.98607
124.663	120.393	144.705	147.209	150.234	141.571
0	0.239657	1.08301	0	0	0.271307
9.1067	7.19582	6.79291	10.911	9.76173	9.17145
23.9967	19.1043	21.5192	21.4281	21.6954	21.131
3.02059	2.37732	1.84245	2.50968	2.59693	2.55825
1.86259	1.65622	1.40941	1.85316	1.83982	1.85059
11.5863	13.977	10.6367	11.551	6.71935	8.84551
14.0355	10.5414	12.5804	10.1308	10.5673	11.909
2.06921	0.600107	0.402545	0.570251	0.162439	0.148609
1.44825	1.45168	1.12753	2.194	1.40338	2.33303
0	0	0	0	0	0.120238
3.60291	2.47973	2.2091	2.68308	2.72925	3.07039
1.56437	2.12811	1.51846	1.41911	1.57654	0.887581
0.220886	0.25304	0.17867	0.160301	0.273975	0.286457
4.58395	4.41068	3.84029	4.46715	3.85966	4.35381
2.33628	1.82606	2.48819	2.11935	2.83742	3.04559
46.8461	51.3155	32.8345	58.147	44.1712	56.4427
1.21723	1.05185	1.71444	0.743389	0.991441	1.7093
20.3409	21.1858	23.8774	22.8113	28.268	19.1008
0	0	0	0	0	0
0	0	0	0	0	0
1.99772	1.7549	2.26705	1.10707	0.676188	0.99015
626.181	573.341	587.559	654.483	809.244	769.141
1.02818	1.18099	1.16249	1.11916	1.27869	2.11077
356.394	0	0	0	0	0
28.9714	32.6369	32.2277	30.1295	26.7861	33.6293
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.34069	2.58566	1.78515	2.52376	1.60717	2.98133
0.0456247	0.0979993	0.184525	0.0993321	0.070738	0.0369804

7.02997	5.71664	6.45838	3.2585	3.24261	3.62952
16.9252	14.9789	15.1803	17.0552	17.1879	16.2153
462.939	486.085	442.763	484.806	475.97	435.834
31.5877	26.8238	29.2856	30.1262	32.2855	27.8387
0.379061	0.295513	0.487453	0.51875	0.395014	0.193599
6.53572	2.55239	4.2052	4.23998	2.87871	2.96973
473.47	439.617	381.584	485.138	674.065	191.73
6.3545	5.01238	6.62105	4.7679	4.2686	4.89955
0.078282	0.243269	0.111307	0.376135	0.263395	0.198284
0	0	0	0.0532113	0	0
0.645225	0.346477	0.365337	0.327776	0.200075	0.339935
28.7988	19.9253	22.6855	24.0371	25.7057	23.976
1.14783	1.16229	0.610127	1.1067	2.11013	0.544921
4.88649	4.07151	4.16062	3.81581	3.81024	3.96067
551.154	1233.76	693.009	740.388	556.806	1312.46
4.74078	5.50062	5.0629	4.1162	3.82524	5.65977
7.17048	5.05418	4.70199	6.18387	7.61484	3.82007
20.7434	23.0775	24.3509	24.8581	25.7289	26.4269
46.532	44.7155	44.3815	52.8421	50.0121	43.2211
25.4698	19.1486	23.5128	24.1709	25.8401	21.587
17.7815	14.3041	18.685	19.0627	21.2233	19.2856
0	0	0	0	0	0
35.6914	35.4962	34.0284	37.3972	39.5492	30.3463
1.86724	1.596	0.954252	1.10774	0.630349	1.12644
5.25593	3.79736	3.01464	3.9877	3.51887	6.4289
8.86905	7.99497	7.41168	8.02615	7.89017	8.07642
0	0.0538638	0	0	0.11664	0
48.4935	48.3144	49.6486	53.8506	52.2633	47.0255
954	546.437	655.92	900.035	776.533	1082.55
0.445918	0.446976	0.649249	0.90611	0.276546	0.57829
0.102003	0	0.30711	0	0	0.0826765
21.4902	28.378	22.6479	24.225	21.8181	22.0458
9.7634	8.29861	11.2613	11.9427	10.9872	9.45768
1.47E-52	0	0	0.0478885	0	1.03E-69
30.2807	30.3077	20.218	29.6904	25.7428	24.0715
6.09561	4.40438	5.65437	4.82953	3.90172	4.74805
24.419	23.4838	24.8946	25.4285	27.4989	24.3014
0	0	0.0179771	0.0161289	0	0.0180139
1.41648	0.933036	2.1082	2.01481	1.58123	2.11251
6.08122	6.43735	5.74285	6.75913	6.41332	6.21445
0.107226	0.191929	0	0.116724	0.207808	0.0869103
13.2473	10.0846	11.7261	11.5406	15.2666	13.4418
99.496	101.361	91.6902	105.535	98.3286	92.4318

1.29666	1.28053	1.04884	1.16815	0.554589	0.833543
0	0	0	0	0	0
16.7873	14.3273	13.8453	17.4807	18.0954	13.2824
0	0.105999	0	0	0	0.119997
143.323	158.458	202.318	202.953	232.077	229.731
0	0	0.245176	0	0	0
0.113915	0.0815608	0.122858	0.137783	0.0883085	0.215441
0	0	0	0	0	0
0	0.0232816	0.0263024	0	0	0
9.38693	6.72891	10.5846	7.89733	8.96382	9.2121
447.013	562.24	506.093	562.02	435.18	631.714
31.5529	28.8394	29.9853	36.6899	36.8162	31.128
4.2996	5.51013	6.69268	5.79483	5.48984	5.59352
0.423572	0.194111	0.315799	0.295058	0.328866	0.19236
17.3607	10.4484	13.9297	14.0293	15.0512	16.36
17.2554	23.2383	20.4101	19.6286	13.0316	15.0776
474.818	613.977	515.384	465.094	511.632	494.176
3.76599	2.88102	2.78555	3.0137	2.44126	3.24646
0.287714	0.893142	0.0953076	0.440796	0.601123	0.849124
119.04	132.987	137.851	138.501	136.814	135.158
14.9746	5.15769	11.9826	10.1	13.772	16.298
17.728	21.0517	30.1661	19.0826	26.051	17.0415
8.88256	9.35498	7.89569	7.00075	7.27832	8.0357
40.9541	41.8508	33.9743	27.6897	28.6033	35.2179
0	0	0	0	0	0
0.0807637	0.0289126	0.0979922	0.0586117	0.0626093	0.163654
150.669	172.96	184.608	95.6247	246.532	216.305
447.513	580.893	469.854	511.247	519.547	434.389
17.832	15.5566	14.294	16.9049	16.1587	11.5562
9.15196	9.64384	9.27099	9.48732	9.90057	8.94767
0	0	0	0	0.0276707	0
4.08341	3.39232	3.60555	4.84098	2.97221	4.97725
0.0106267	0	0.0257871	0.0385598	0.00823796	0.0861327
0.100826	0.0683901	0.0558016	0.123236	0.115186	0.0903253
0	0	0	0	0	0
0	0	0	0	0	0
4.43622	4.09999	5.65087	4.40979	4.59357	4.58995
8.34998	8.41729	5.67891	6.51193	3.76807	3.93974
5.42725	8.30496	6.02548	3.86143	4.12521	4.91688
0	0	0	0	0	0
8.86868	7.86755	7.57322	8.46654	6.98649	8.97489
0	0.137512	0.155355	0.0696913	0	0.155672
1.15626	0.0413931	0	0.083912	0.0448176	0.0937189



0	0	0	0	0	0
8.45944	5.82809	6.72893	6.08631	6.1172	6.2073
0.159175	0.0284913	0	0.0288788	0	0
69.279	95.0351	65.8034	80.86	64.5069	67.118
31.0566	35.4913	32.6103	36.6471	29.6123	36.0124
0	0	0	0.0654338	0	0
7.24801	8.5677	8.06683	5.72642	6.39059	6.89956
3.66E-67	4.51E-78	0.520719	0.160687	0.17034	0.261758
13.4637	11.4861	12.6821	15.1787	12.927	14.7854
10.1725	10.046	8.64561	10.2275	12.6046	14.8402
0.272101	0.0834941	0.0943274	0.0846295	0	0.0315068
9.31731	8.89051	9.16243	20.7026	6.13174	7.12452
15.2859	12.5234	9.4237	11.2825	12.6372	7.78598
0.641166	0.434925	0.456503	1.0441	0.411428	0.488672
0	0	0	0	0	0
13.3109	10.7475	13.5454	13.3993	13.2942	13.4027
0.53108	0.887234	0.680168	0.578121	0.411701	0.394587
0.635016	0.681917	0.513597	0.460791	0.246094	0.257335
21.2349	23.8262	20.7529	22.7147	18.1303	19.0035
8.11528	4.64024	5.97168	7.44356	6.72798	7.0345
4.85316	4.10868	4.56221	3.68865	4.21982	6.99021
2.723	2.28528	2.4797	2.44722	3.50876	1.82709
2110.12	1753.74	1919.04	2075.48	2121.24	1734.6
0	0	0	0	0	0
0	0.0433539	0	0	0.0704111	0.0736189
0	0.0196971	0	0.019965	0	0.0445967
0	94.6478	80.1963	95.9349	76.8586	53.5735
0	0	0	0	0	0
8.39499	6.26752	7.08073	8.03988	7.69827	6.65322
4.40339	3.28519	3.56181	4.21594	4.90504	4.49874
0	0	0	0	0	0
0	0	0	0	0	0
12.0706	10.2184	12.127	12.1857	12.1542	12.0157
0	0	6.78E-272	6.92E-133	5.92E-38	0
0.218035	0.401423	0.138572	0.24865	0.0603658	0.0757392
0.251808	0.103023	0.203682	0.208847	0	0
0.0292789	0	0	0	0	0.0237315
1.41019	1.32438	1.34807	1.60821	1.33456	1.57349
20.7425	16.1552	12.9482	11.7746	17.0103	8.49673
0.145128	0.083127	0.0469564	0.189579	0.0450021	0.141157
14.558	17.3772	18.0235	17.6475	16.6199	17.6788
0.0302861	0.0830071	0.0270112	0.0239684	0.0451	0.0241993
0	0	0	0	0	0

7.39495	7.63105	7.31861	8.26945	7.36935	8.30133
3.575	3.74898	3.71315	4.12234	3.03918	3.43712
107.552	178.422	158.412	162.242	101.105	92.3471
11.9203	12.3883	12.078	14.5409	11.5753	14.8058
14.6479	10.5235	11.7774	12.9491	12.2683	12.6952
7.15938	4.66832	4.0806	5.62844	1.91577	3.72737
40.2668	36.9841	37.6291	35.4243	32.846	35.9551
0	0	0	0	0	0
0.0526156	0	0	0.0381841	0	0
0	0	0	0	0	0
0.123386	0.0530053	0.0399219	0.107452	0	0.140012
0	0	0.0439002	0	0.0210366	0
0	0	0	0	0	0
0	0	0	0	0	0
0.15094	0.0865118	0.0732499	0.021905	0.0233939	0
3.9859	3.10564	4.2356	4.16881	3.30199	3.32573
23.1237	24.1582	24.4597	26.7018	21.1168	21.6011
10.1005	8.89104	9.55179	10.928	9.09909	9.12789
2.77327	2.05915	2.90791	1.64079	5.89255	5.4947
17.5325	22.847	15.7745	19.2941	11.5158	16.0219
0.324684	0.306186	1.06E-09	0.516572	0.185184	0.263494
3.68811	3.17543	3.81402	3.57435	4.21624	2.55418
13.766	12.0644	6.91858	14.6542	9.79473	15.1607
0	0	0	0	0	0
1.0835	1.23997	1.02012	1.3956	0.977522	1.21229
0	0	0	0	0	0
4.76361	4.00379	4.69081	4.12656	4.02853	3.83054
4.58334	6.14449	6.49833	4.62777	6.3998	4.11314
13.8717	13.6261	15.1204	16.144	11.2126	12.0892
4.82904	3.56521	4.78225	3.94122	3.90682	5.13344
23.4404	22.278	17.9427	20.8142	14.3647	20.8676
0.103831	0.0743414	0.209968	0.0753524	0.120738	0.0841589
0.245652	0.469019	0.728577	0.564534	0.666516	0.564142
16.762	14.455	15.0671	16.428	21.8136	15.9482
51.2367	36.7701	42.959	48.749	55.7957	45.8887
10.6442	10.3971	11.4819	8.43455	10.0623	9.50861
1.08801	0.949399	0.715056	0.986985	0.790727	0.799193
0	0	0	0	0	0
0	0	0.171169	0	0	0.171519
9.33646	6.43198	9.06839	7.288	9.10618	9.70851
305.236	594.524	416.166	696.509	352.225	636.486
97.844	83.7211	84.2031	95.6907	102.139	83.5352
0	0	0	0	0	0

0	48.8619	55.2018	0	52.9044	55.3146
10.0309	11.0852	8.71681	9.27798	7.37603	7.12004
7.23184	8.74295	9.97324	4.55998	5.88195	7.68741
17.4701	13.4146	22.7328	26.2754	29.834	42.0698
1.44322	1.739	1.13892	1.30282	1.17338	1.79746
13.2872	10.7086	12.3951	13.5435	10.0417	12.7992
3.88468	3.08295	2.68794	3.37963	3.19288	3.03486
11.6317	7.13522	9.7332	7.32809	6.81989	8.62094
0.394161	0.333523	0.550705	0.234041	0.333338	0.726093
0	0	0	0	0	0
0	0.0116495	5.49823	0	0.0126133	0
0.166492	0.0993374	0.157117	0.241652	0.107556	0.17993
1.63018	3.4309	1.61015	1.5944	0.494183	1.17859
53.0421	46.8619	51.1172	50.8801	56.7148	49.7824
17.053	17.2236	19.953	17.3478	19.0321	16.7116
0	0	0	0	0	0
13.3457	12.1696	14.9249	13.6484	11.448	13.3577
0.586926	0.630342	1.18688	3.62051	1.13749	8.32516
1.7533	1.81537	2.98856	1.49977	1.64183	1.94071
11.3535	11.4443	12.4575	12.8694	11.8859	12.7888
82.1718	74.7857	85.8764	82.4804	76.9381	78.3401
4.53746	3.93508	4.41982	4.33644	3.46796	4.16986
11.8981	9.52357	11.2034	11.5571	12.0616	11.5231
0	0	0	0	0	0
6.27929	4.72857	6.02553	5.92024	5.85688	5.53357
1.62424	2.25083	1.10191	1.21677	1.21852	1.82612
0.103703	0.0192491	0.0871472	0.121133	0.0401959	0.186875
2.55366	3.39547	2.00486	2.21985	2.0125	2.80958
11.1026	9.51067	9.68666	11.9801	10.1548	10.5693
0.100902	0.036122	0.306067	0.16476	0.136887	0.102231
2.5161	3.31343	1.88985	2.9346	2.33365	4.26085
0.166436	0.253543	0.254931	0.133635	0.203144	0.22388
9.29841	8.65786	8.89844	8.6172	10.5586	9.83663
4.31217	3.18404	3.52124	3.49558	3.18822	3.69488
3.37294	2.70555	3.26438	3.33706	3.22551	3.00616
0	0.025086	0	0	0	0
0	0	0	0	0	0
13.611	14.9296	6.7819	8.4948	10.4248	6.97228
0.0346062	0	0	0	0.0536545	0.0280495
0.113321	0.0721201	0.108637	0.131582	0.0780867	0.0204109
26.699	26.9252	29.1698	29.9097	23.5669	26.9442
0	0.0237213	0	0.0721317	0	0
1.00875	1.92599	0.815959	0.244023	0.782	0.545085

4.09127	3.38656	4.44025	4.49685	3.66911	4.07531
10.4654	7.50456	8.58247	10.0058	9.33687	9.14812
5.21E-07	0.154309	0.180383	2.54E-07	0.386277	0.350838
0	0	0	0	0	0
15.2946	14.6328	14.7866	13.2664	16.0418	17.5925
0	0	0	0	0	0
8.31025	8.89462	8.42202	7.16434	8.05358	8.80803
26.6371	31.4905	32.1045	26.6213	25.8716	27.3285
0.514278	0.152639	0.498364	0.941357	0.241763	0.334535
0.243981	0	0.463228	0.241001	0	0.269167
2.14386	2.24341	2.08984	2.75264	1.44888	1.60401
0.0684268	0.0489923	0.79976	0.198635	0.238706	0.61625
0	0	0	0	0	0
10.3818	6.39911	10.5783	8.1861	12.6627	13.3152
10.8026	10.9171	11.0516	11.3308	9.85627	9.22085
3.28386	5.18794	3.66678	3.91149	3.98458	4.28184
0.056013	0.0534723	0.0151026	0.0270998	0	0.136201
25.4404	9.78791	16.8725	13.9	16.6048	16.354
216.447	196.103	313.329	129.041	1109.4	247.481
8.55318	8.16027	7.4016	8.60052	8.66687	8.67061
10.7418	9.08483	10.7702	10.4829	10.7335	12.1384
63.2251	72.6771	35.82	58.2191	24.2283	21.2354
0.124558	0	0	0	0.0965592	0
0.288766	0.284928	0.0656935	0.152988	0.0839459	0.0658278
0.149557	0.013385	0.0302435	0.0271341	0.0289848	0.0303053
3.83324	3.20561	5.75477	4.36194	2.68631	2.56014
5.2539	5.10614	6.50314	5.89699	6.13429	5.28532
11.6816	7.73944	9.0194	9.8776	11.979	11.1489
2.38904	1.49669	1.26817	2.11303	2.54653	2.35998
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.22455	0.0826835	0.207582	0.158304	0.188995	0.213206
13.3224	11.6075	12.3849	14.0865	14.9783	14.963
16.138	14.1321	16.2671	12.7928	15.3014	12.2755
0	0	0	0	0	0.114266
0	0	0	0	0	0
1.75815	2.56027	1.49444	2.05445	1.06263	1.25597
2.23635	1.50624	0.822761	1.8156	0.839463	1.68998
8.41341	7.42846	8.15053	10.8692	8.41883	12.9775
12.9183	11.4216	11.9554	12.8781	11.5825	11.4395
0	0	0	0	0	0
3.30889	3.19576	3.93619	4.46482	2.77113	3.04465

385.419	429.695	321.811	372.54	550.865	205.745
0	0	0	0	0	0
12.2521	8.5186	10.999	12.7783	8.95509	13.0562
27.0427	18.9313	21.8252	27.2869	30.2877	30.3844
12.9619	17.1304	7.84434	18.0231	12.7294	12.2488
4.53548	5.16993	4.06068	3.88391	2.84688	4.16773
3.14339	4.55739	3.66133	3.38756	2.46117	3.08284
0	0	0	0	0	0
0	0	0	0	0	0
0.0616261	0.0147077	0.016616	0	0.063698	0.0666
4.96866	4.30411	4.02723	4.72884	4.93483	3.55558
65.2708	48.7437	50.094	57.9514	68.498	57.8776
0	0	0	0	0	0
2.96482	3.11943	1.0942	3.0028	3.83119	4.50975
1.93602	1.82389	1.27754	0.998295	1.18487	1.89957
2.42804	2.18072	2.21234	2.34729	2.31871	3.62757
0	0.0670972	0.151606	0.0680097	0.0726483	0.227874
5.14654	6.15978	4.79529	4.37986	4.68968	5.40019
1.67591	2.65637	1.01009	2.04107	2.15086	1.46664
1.06739	1.17593	1.08597	1.0219	0.956343	1.13876
13.0135	12.9105	14.0609	14.457	13.1354	12.8987
0.198916	0	0.0357552	0.0320791	0	0
2.30149	1.43289	1.96955	2.22697	1.96515	2.48724
1.34555	1.05499	1.33277	1.02357	0.688998	1.1776
0.0262366	0	0.0106111	0.00952018	0.0101695	0
3.56845	3.204	3.04068	2.99193	3.47788	2.80132
0	0	0	0.00777029	0	0
19.8986	14.9282	17.2582	15.9536	16.3029	16.315
0	0	0	0	0	0
22.3406	14.277	17.428	21.3582	21.163	22.7822
0	0.0236357	0	0	0	0
6.62923	7.17516	8.69796	6.88658	6.82346	5.85842
45.9769	53.3019	51.4746	59.8825	64.7929	48.063
9.2848	7.81654	7.57636	9.56674	10.2033	7.09566
39.248	50.4949	44.8909	46.2505	39.822	39.0284
0	0	0	0	0	0
7.35166	5.05159	7.18727	6.69399	6.62574	8.91672
1.60515	1.14498	2.08933	1.22952	1.29075	1.54307
0	0	0	0	0	0
2.81866	2.69255	3.29292	2.46697	2.75472	4.04382
6.05768	3.54241	5.19923	4.19669	5.51555	7.7034
0.427889	0.402098	0.216319	0.426974	0.331706	0.28179
1.26167	1.084	0.969513	1.08348	0.961766	0.937408

12.2614	10.0268	10.289	10.5182	12.0178	10.7809
21.0078	16.5053	19.1933	18.3674	21.6227	18.7984
6.43429	6.19362	9.14658	7.78246	9.22773	8.54714
0	0	0	0	0	0
0	0	0	0	0	0
56.4897	39.7495	44.2724	48.311	61.1259	47.1762
0.026961	0.109387	0.0581553	0.0717424	0.0209006	0.0655585
25.6244	30.077	30.1815	34.5823	38.4511	29.8789
0	0	0	0	0	0
11.9937	11.6734	12.7412	14.6565	13.4924	10.5937
11.5342	9.64625	11.5447	11.6942	11.1018	11.3719
17.2088	42.7002	51.5973	14.7234	10.5222	10.2418
4.2725	2.72257	8.00852	4.97067	7.3073	2.00662
2382.08	2202.57	2239.77	2370.17	2380.56	2249.92
0	0	0	0.0773749	0.0826522	0
8.55681	8.09207	7.40045	8.01952	7.25093	6.79058
23.843	21.4471	23.4276	24.5283	23.1815	24.7934
2.61072	1.43452	2.40643	2.02683	1.88267	2.31292
0	0	0	0	0	0
1.72852	0.882798	0.801828	1.18906	0.945964	1.00918
0	0	0	0.0111354	0.0576355	0.0248737
0.238402	0.325127	0.541786	0.378981	0.316823	0.542893
73.7205	103.364	70.1545	79.6855	104.05	62.8959
8.92403	6.61098	6.55621	7.70204	7.95361	8.42025
25.1049	19.7344	23.573	22.654	23.3955	24.7867
0	0.280698	0	0.284516	0.15196	0.317767
8.06825	7.42951	8.44906	8.27037	6.18212	7.32605
0.163859	0.11732	0.0331355	0.0891864	0	0.132813
0	0	0	0	0	0
54.4903	57.5673	62.5302	56.8905	58.9164	46.6631
0.0346062	0.0743321	0	0.075343	0.0804817	0.112198
66.8969	60.3017	58.9259	68.0025	59.2257	52.5709
0.17116	0	0.138448	0.0414046	0.3096	0.0462436
1.31288	0.402856	0.758544	0.816669	0.87237	1.67221
15.9972	13.5243	14.3673	15.0964	15.1993	16.6946
11.3159	8.60621	9.97351	10.0113	9.86465	10.0776
4.14867	2.78305	3.6581	3.14639	3.44791	4.99852
31.7627	38.3265	32.2515	36.4809	33.4425	28.3561
1.29397	1.91468	2.37244	0.876452	1.87246	1.39841
1.64566	1.01164	1.49249	1.33905	1.13399	1.69764
55.8618	57.0559	39.4034	75.7969	42.2787	290.767
0.645225	0.323378	0.600196	0.398014	0.500188	0.653721
0.320055	0.546443	0.477944	0.305438	0.343539	0.339236

0.695295	0.582243	0.969672	0.53262	0.839601	1.03319
8.43116	7.6986	7.91294	8.92891	6.2412	8.22893
0.19882	0.106763	0.128657	0.144287	0.0308256	0.0886325
5.06168	5.69111	3.843	4.40442	3.09129	5.28817
0.291521	0.493292	0.583461	0.471165	0.676319	0.309821
41.1174	38.7893	44.0486	41.5547	30.9904	30.5769
7.73773	6.4302	6.74355	6.97	6.05593	7.22002
0.0346062	0.222996	0.111969	0.100457	0	0.112198
16.3323	10.1703	12.1591	13.3719	13.1258	13.7388
0	0	0	0	0	0
0	0	0	0	0	0
6.98443	4.48064	5.85295	6.46769	6.73556	6.00078
5.28676	4.67442	3.91356	4.32657	3.55891	5.09136
8.32947	7.31119	9.33107	8.49819	7.26765	9.54788
20.2688	16.7422	22.1216	21.0031	22.3777	22.5554
0.957658	0.68594	1.17001	1.04293	0.949475	0.903035
0.122085	0.0874106	0.0987522	0.177199	0	0.0989541
0	0	0	0	0	0
2.7877	2.76151	4.41717	3.76904	2.98998	3.6215
17.9774	14.5217	15.1381	17.1277	16.5807	14.646
0.227594	0.162953	0.128867	0.181686	0.229365	0.129131
9.62754	10.7134	11.2246	12.5704	15.187	13.4651
10.3976	8.28816	8.01326	8.69542	6.6687	7.78705
26.0905	19.1346	21.6986	27.295	25.6627	26.0589
12.5753	15.4976	12.6938	8.72109	8.92606	12.769
8.32814	7.47727	6.10024	6.30459	4.44015	8.16482
0	0	0	0	0	0
0.3248	0.388807	0.474871	0.394095	0.350195	0.319716
0	0	0	0	0.0197034	0
0.019283	0.0276128	0.0701904	0.0629741	0.0276841	0
79.4074	86.3997	84.44	77.7074	83.7715	51.747
81.5221	74.6359	35.2324	58.8293	35.8296	27.3262
48.2269	46.7507	51.967	41.9456	48.7457	36.28
10.0234	7.60889	7.595	9.10821	6.07741	7.88496
0.146898	0.026294	0.0297056	0	0.0284693	0.148832
163.816	176.215	172.316	89.757	89.6989	99.0518
47.8845	47.3234	43.4714	50.0926	46.7959	37.4701
13.2998	14.6764	13.1352	14.1695	13.6389	15.2624
10.0531	7.725	8.3934	9.1956	9.6289	9.22697
0.175502	0.0418853	0.0473199	0	0	0
8.33613	8.9689	8.40132	9.87569	8.50578	6.48279
8.83372	7.93514	9.87367	9.79137	7.84411	8.0713
34.6609	31.0538	35.5918	38.3241	49.1277	38.3914

0	0	0	0	0	0
32.9759	32.4908	37.1444	34.849	40.5526	37.708
0.0368528	0	0.0298095	0	0.0285689	0.119482
11.3751	9.85197	9.56552	10.4721	13.1825	8.76938
158.853	174.431	168.236	162.735	177.357	153.494
0.809666	1.01448	0.736787	1.15069	0.784582	0.875015
8.28636	6.65195	7.55567	7.03398	8.79846	9.0772
2.88586	1.80562	3.11242	2.96224	3.58752	3.05556
0.0260722	0	0	0	0	0
5.95723	3.0867	3.67741	3.75442	2.73442	3.36727
13.9755	9.12968	10.7253	13.8932	10.0331	11.7864
14.1425	12.2353	6.19643	16.6781	16.6736	22.2095
1.79569	0.514271	0	1.30316	0.835227	0.873279
17.1557	11.5196	13.8002	15.6059	13.9726	13.5365
0	0	0	0	0	0
6.82186	5.58611	6.10373	6.0946	6.07881	7.18615
19.7049	20.2764	18.1334	18.4106	14.6483	15.1999
5.14631	5.67189	5.79978	5.79099	4.8636	5.41326
35.5039	29.3844	29.6869	31.094	22.1986	27.7535
0.425994	0	0.172289	0	0.660474	0
0	0	0	0	0	0
14.2985	13.8633	17.1077	14.1599	16.7421	15.694
0.39124	0.42018	0.36921	0.331251	0.202197	0.317113
0	0.0655165	0	0	0	0
0.755816	0.154614	0.873377	0.391792	0.418514	0.700131
144.861	138.289	178.109	188.791	169.677	182.309
1610.63	1294.69	1125	1453.7	1643.16	1545.17
0.55145	0.658047	0.446057	0.133399	0	0
0.146757	0.171708	0.270993	0.232762	0.322294	0.207349
4.50861	4.52828	3.71446	5.0746	4.02913	4.65257
29.3843	30.1385	31.8488	28.1384	28.7771	27.3497
4.7719	4.84494	3.56359	4.31607	4.18247	4.60031
64.6372	39.796	57.9375	60.327	65.2773	53.7808
11.199	8.81742	9.23928	9.66634	8.45086	8.77556
1.26055	0.192381	0.38524	0.577769	0.590174	0.774353
34.8534	27.4361	31.253	36.0457	28.2513	29.1187
16.239	13.8949	16.3657	16.0638	18.1608	18.487
17.8889	13.7276	15.4358	18.3616	20.7841	16.5266
28.0185	20.9166	16.2574	22.9254	18.9865	25.5805
74.3243	61.8267	60.223	65.7467	81.1562	59.6741
0	0	0	0	0	0
3.04552	8.14066	5.9123	2.35999	5.98103	4.11587
7.43198	7.59047	6.09068	4.84481	4.44008	5.76256



16.5248	10.4193	15.1347	16.7509	14.1739	14.1284
55.8318	50.4344	46.2028	52.5237	38.5907	48.0353
1.04655	0.156118	0.176717	0.471442	0.172842	0.724151
19.6651	16.2588	18.8849	18.8688	24.9953	15.1974
19.6005	12.8608	13.2958	13.6916	7.40025	10.7592
3.89353	3.20775	4.07696	3.532	3.98997	3.60976
0	0	0.520269	0	0.249308	0
64.0768	48.1095	54.4298	55.3869	61.855	55.7131
18.7363	14.7524	13.3866	16.1094	12.2416	14.8123
0	0	0	0	0	0
5.10964	4.41315	5.0805	5.88631	5.84514	7.25066
0	0.0410788	0.0232044	0.0416374	0.111193	0.0465037
45.1943	38.0879	35.3623	36.3393	27.8608	35.0624
59.3423	72.8084	61.4144	66.6375	61.5145	59.3183
15.9001	16.0642	17.9277	15.892	16.0046	15.9537
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.36424	0.390708	0.441402	0	0.634547	0.221152
5.06907	4.27668	6.57288	4.31961	4.69524	5.68126
10.6934	7.81053	10.0029	9.65451	9.23988	10.4607
0.62713	0.628619	0.405818	0.523388	0.340313	0.50831
0.887684	0.775715	0.666419	0.963972	0.638603	0.669694
13.4263	13.8862	14.3472	26.5731	11.2189	13.4011
58.7723	98.9419	79.1958	78.412	105.42	83.0764
0	0.0606995	0.13715	0	0.0657212	0.137431
14.2585	10.3526	10.5588	11.6594	11.8319	16.7658
31.6486	31.9743	34.3917	38.5018	34.892	34.562
6.08266	5.84839	6.76759	6.74518	8.05978	7.66848
33.9321	39.0009	33.8013	33.0054	39.2157	28.1532
23.3943	20.0018	21.1387	22.7825	16.4572	19.4299
2.98695	2.77398	2.53864	2.51326	1.67792	2.42103
0.546184	0.421139	0.475782	0.518338	0.423411	0.204323
230.198	206.505	214.898	232.011	255.347	213.012
0	0	0	0	0.0949146	0
5.78E-07	0.424277	0.470173	3.10E-07	8.91E-07	5.10E-07
3.98422	2.85263	0.358084	2.57015	2.05909	0
3.2045	3.68915	3.43244	3.1738	3.08823	3.50964
0	0.0285996	0.0323105	0.0289886	0	0
0.520549	0.412636	0.601517	0.296821	0.288241	0.376717
0	0	0	0	0	0
2.27986	1.68798	1.78126	1.67333	1.38579	1.61691
0	0	0	0	0	0

0	0	0	0	0	0
14.2176	15.1162	16.1367	15.3605	15.6707	12.0321
0.248562	0.177966	0.201057	0.288618	0.655144	0
3.12577	2.34805	2.08625	1.23958	0.900402	2.10436
3.07516	2.41995	2.86287	3.29729	2.54499	2.68339
10.6405	7.80267	7.85555	9.31901	8.60185	9.17989
49.0957	29.8306	46.6785	38.6724	55.4644	47.0754
0.771838	0.733652	1.27018	0.550479	0.618973	0.701104
0	0	0	0	0	0
69.877	58.6555	70.6703	74.9098	78.3856	69.2779
0	0.143787	0	0.145742	0	0.32555
107.982	105.082	118.679	110.971	117.383	115.216
2.03503	1.05967	1.04752	1.69168	2.32336	1.8594
7.51283	5.96682	4.14522	4.76616	3.95342	4.43599
7.25689	6.27792	7.54194	7.1698	4.97952	6.03508
22.0472	17.6233	17.6715	21.0736	19.0954	19.1538
9.52167	8.62036	8.33707	9.17238	7.9723	8.63513
30.6894	29.6965	31.1726	32.4425	31.1922	26.6439
61.3619	72.3514	65.5095	64.3736	57.4374	59.8183
17.3143	12.9648	14.9631	13.177	27.3324	13.6928
0	0	0	0.0510668	0	0.0285175
0.361202	0.29094	0.255648	0.294897	0.280009	0.182979
15.7686	13.2356	11.4281	11.155	12.4649	12.8799
0.754304	0.634358	1.82344	0.963143	1.23389	0.46892
2.05773	1.60723	2.26972	2.38933	1.82721	2.09241
11.5354	8.69683	9.13727	8.69937	10.7556	10.0177
0	0	0	0	0	0
1.14181	2.56154	1.90875	2.54114	1.94733	2.28284
10.0937	11.9729	9.52942	10.3427	8.47881	11.6614
6.34553	5.15217	5.84386	5.25587	4.99934	6.20547
1.10605	1.3419	1.21016	0.84751	1.10813	1.21985
0	0.0342117	0.0821793	0.0368716	0.0369419	0.0391356
1.85108	1.86219	2.53973	1.54742	1.65296	1.63331
23.5529	24.124	25.539	26.5826	22.9185	20.1105
4.10991	7.27779	8.185	6.40171	9.05143	7.74788
6.88357	5.57221	6.47219	7.37952	6.28494	6.88004
7.74446	6.40456	5.65733	8.97505	5.35207	7.00705
0.251163	0.178342	0.292006	0.491777	0.527156	0.481497
11.1567	13.4286	12.0471	10.2116	9.62373	13.2021
151.145	144.796	161.9	177.748	133.857	144.885
9.55657	14.6208	9.14034	12.3009	11.0751	14.0657
0.0711314	0.0509287	0	0	0	0
41.7832	33.5718	38.1102	40.8902	39.7457	33.2922

2.16339	1.68055	2.08272	1.69822	1.72126	2.06122
1.4511	1.1337	0.900196	1.42376	1.59915	1.46853
24.7596	27.863	32.6729	39.1322	40.559	36.4778
6.94806	7.82269	5.859	7.42484	4.71297	6.99731
0	0.0450263	0.0508685	0	0.146254	0
7.30508	6.10794	6.45563	8.80651	5.25737	9.10569
129.304	150.951	142.84	144.116	208.384	70.9201
66.455	58.4235	65.5748	62.336	52.672	62.0115
22.684	25.7026	29.272	22.7573	24.8838	24.3924
0.0228935	0.0355715	0.0123454	0.0138452	0.031551	0.00618533
14.1005	14.6016	12.7192	13.8405	10.6658	13.0365
47.5601	44.6947	32.6967	48.1214	33.2497	30.3386
11.5639	11.7871	13.2244	12.1128	12.7182	12.0509
3.0383	2.25876	2.88645	2.72815	2.96084	3.32743
1.62532	3.20018	2.0542	1.47441	1.41747	1.56439
2.50E-169	1.46E-39	3.06E-89	0	3.14E-113	4.10E-116
0.0543234	0	0.0439411	0.0394234	0.0842246	0.0440309
52.4451	44.6126	44.4441	46.303	62.905	42.7745
33.0631	32.9999	39.6965	35.7674	39.6972	33.0482
0	0	0	0	0.0173229	0
5.1348	6.23571	5.74065	6.23841	4.85067	5.76216
58.0719	54.835	54.585	57.4542	59.6944	57.9591
9.14266	8.59158	10.0299	10.1598	9.78965	9.81882
5.82473	7.36501	9.92423	7.4649	11.7209	4.52024
5.29E-07	1.59E-07	6.01E-07	2.21E-07	5.14E-07	6.44E-07
0.269834	0.148002	0.0798284	0.0935852	0.160246	0.154864
2.9608	3.78608	2.36505	3.09043	2.62571	2.03554
4.85063	4.2708	4.2417	4.29717	3.89579	4.09099
2.16493	1.21447	2.04002	1.7007	1.66098	2.15273
0	0	0	0	0	0
17.1348	17.3593	12.4166	9.71181	16.8427	13.399
0	0	0	0	0	0
3.84862	1.34053	1.51447	1.7362	2.90287	2.02342
9.55865	6.33246	8.63566	6.97737	8.37912	8.5022
29.1596	26.5977	32.6013	40.3231	34.0314	44.2587
0.0840103	0.107307	0.0679542	0.0848046	0.0588082	0.0747255
0	0	0	0	0	0
74.1303	62.9687	71.3742	75.8467	78.6402	76.5893
20.4868	19.9358	20.8577	18.9193	19.5678	19.5006
13.5196	14.7881	14.23	17.0477	13.0917	12.3752
0.808619	0.0798883	0.775354	0.148083	1.03938	1.12944
1.95754	1.51368	2.0901	2.21616	2.00312	2.6021
24.784	27.274	25.9137	25.685	23.8616	24.4

47.655	58.8321	45.2471	54.0086	50.2975	46.6826
12.5562	11.47	12.2309	14.4298	17.2472	14.1186
7.21043	6.73222	6.64024	7.69001	7.95013	4.58067
51.7163	45.6669	55.611	52.4925	53.7968	38.6752
3.51823	1.92907	1.25671	1.4494	1.15529	1.84993
6.65384	6.23847	7.28768	6.9347	6.48247	8.04865
13.85	9.72746	14.6172	23.8357	8.48714	19.779
0.772108	0.460679	0.832724	0.653722	0.897826	0.730123
7.76813	5.38445	6.88463	7.5637	5.47327	6.68357
0.403461	0.468726	0.85802	0.364178	0.321616	0.130804
0	0	0.307809	0.312704	0	0.272616
36.2281	61.8039	51.0459	49.7493	42.1886	53.3677
56.634	61.9254	64.8389	60.2523	69.6603	52.6991
1.10343	1.54244	0.722532	1.14397	1.14052	1.36284
0.267744	0.115238	0.119386	0.126502	0.166048	0.293075
35.5496	33.8465	36.1858	37.1927	33.9769	31.7194
36.3362	35.3381	48.1638	42.9672	61.3931	56.5245
3.73798	2.46589	2.51644	2.06711	3.01786	3.08597
10.3452	7.72155	9.16596	9.53505	7.5314	11.5699
6.53082	7.59373	7.90284	9.89614	4.61727	5.20875
29.3417	24.1136	28.1711	30.3668	30.2622	31.8477
0.199198	0.285244	0.161127	0.433685	0.308843	0.807284
16.0296	12.1653	9.98164	9.78422	9.58254	11.6922
2.5129	2.18937	1.73876	2.26315	2.18281	3.0675
0	0	0	0	0	0
1.69185	2.42266	1.98126	1.37441	1.64433	1.51457
20.3263	20.9405	21.025	22.4324	18.8476	25.1038
0.289956	0.221516	0.0443381	0.253697	0.125311	0.272126
0	0	0	0	0	0.0836021
10.2357	8.45686	9.53075	10.2925	9.44791	9.47993
42.6025	74.6256	61.2746	78.7545	42.7219	87.6351
48.3498	61.871	66.2012	60.2243	46.886	51.2309
16.5985	18.5434	18.1138	22.0148	22.7953	18.1508
0	0	0	0	0	0
9.69515	8.85098	9.41528	9.26192	9.05668	7.99153
0.140173	0	0	0	0.108664	0
8.07752	9.28841	7.98569	6.86861	7.46358	6.61324
18.5506	14.9887	17.3543	16.3155	16.4375	19.4636
0	0	0	0	0	0
0.0756402	0.0135391	0.0611838	0.145546	0.0746271	0.0780271
0	0	0	0	0	0
3.21041	3.15806	4.40332	2.97815	3.05143	2.2401
131.182	119.823	117.016	130.744	152.914	103.884

1.34156	1.31748	1.35	1.36745	1.02029	0.882474
0.160808	0.0959461	0.0650371	0.0389004	0.0623304	0.108617
1.12536	1.26128	0.743369	1.03086	1.36509	0.947496
6.54822	7.61866	6.01901	6.96624	5.30703	7.20742
0.0972514	0	0.0262216	0.0235257	0.175912	0.105101
1.03802	0.14864	0	0.150662	0	0
19.9022	0	2.01231	0	0	6.04926
6.27433	6.32392	6.38209	5.33509	5.26059	5.30382
25.4943	23.9021	23.8703	24.895	21.5995	27.5963
34.8738	44.4617	37.8571	53.6567	37.905	41.477
41.494	38.0242	41.7275	41.9353	38.7236	39.566
0	0	0	0	0	0
2.46967	2.86199	2.03886	2.32812	1.85532	1.32074
7.324	5.23667	6.56141	5.63024	5.51274	7.06632
21.7526	23.5064	19.258	23.2804	19.7335	19.8654
5.2769	3.81531	4.95447	4.78818	6.13329	5.50522
0.206046	0.344225	0.111111	0.149531	0	0.278345
12.4292	16.4386	12.5672	15.4929	10.9736	18.9359
0.0874505	0.109573	0.0530527	0.111063	0.152534	0.283526
15.1361	15.4246	12.4613	15.6076	17.0582	19.1064
2.617	3.03147	3.11502	3.3043	3.10086	1.48309
20.9055	17.7969	19.3216	17.4654	14.8696	20.4965
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.0802805	0	0	0.0291305	0	0.06507
0	0	0	0	0	0
1.32204	1.51573	1.67745	1.59905	1.24592	1.98204
44.2667	39.119	39.7957	44.5747	39.5861	40.5361
65.3927	59.2222	23.1281	31.3999	16.4189	176.903
9.48656	8.19148	7.60793	9.11528	8.54042	7.37803
0	0	0	0	0	0
0	0	0	0	0	0
4.1321	4.10904	1.11412	1.49937	3.02531	6.32628
6.50664	4.23398	5.20665	4.39284	4.30029	4.73657
1.86193	2.36664	2.1322	2.29255	1.75154	2.28917
894.148	918.796	942.086	901.601	1008.19	878.325
0.545478	0.369997	0.650228	0.375029	0.200304	0.442129
0	0	0	0	0	0
2.21044	2.36374	2.30416	1.93753	2.55963	2.58283
3.98904	2.71686	3.73338	2.8548	3.82796	3.72607
0	0	0.0821677	0	0	0
1.82333	1.19293	2.46656	1.75669	1.94962	1.63075

2.02153	1.50526	1.85457	1.2441	1.10333	1.92686
17.0494	12.9761	18.4237	14.9944	15.7678	16.1534
0.169379	0.0659985	0.0372809	0.0674535	0.0602933	0.0373571
4.71638	4.96509	3.87894	4.68978	3.80376	3.86459
3.44731	3.10516	3.6205	3.49038	4.00861	3.85324
0.384253	0.244549	0.172675	0.49575	0.132391	0.207633
0.934805	1.51213	1.59631	1.20605	0.912554	1.01025
0	0	0	0	0	0
3.46581	2.84777	3.7112	2.97034	2.82749	3.04994
14.1237	18.9923	17.9281	12.8477	14.5271	14.5252
8.92936	6.40829	7.88165	6.84062	6.33564	7.45103
0	0	0	0	0	0
0.492944	0.304257	0.439981	0.666133	1.01464	0.71643
5.70844	4.42007	6.04418	3.8518	3.33138	4.52291
10.235	5.0856	4.70495	5.31712	5.15949	4.39724
13.3795	13.0811	12.3229	14.2381	10.1322	13.2822
2.27538	1.3033	1.71781	1.28433	1.72471	1.88526
39.5618	1.25E-05	27.9895	22.1473	36.7624	44.5073
1.72334	7.0023	2.44677	8.54263	0.807678	7.07531
0	0.0436266	0.0123218	0.011055	0.011809	0
5.67636	9.91194	5.61908	7.56769	5.37047	7.94535
16.2392	12.9561	15.5702	14.8981	15.6348	15.1492
0.0410749	0	0.0332107	0	0	0
11.818	8.06383	9.50315	9.87368	9.87446	11.534
0	0	0	0	0	0
4.00041	2.1356	2.79011	3.04374	2.8046	3.04583
2.95161	2.87175	3.46479	1.98256	3.03236	2.072
4.41691	4.60449	5.43058	5.0774	6.21808	5.92857
0	0	0	0	0	0
55.0969	57.2097	42.0009	50.736	71.2903	71.5926
0	0	0	0	0	0
0	0	0	0	0	0
9.0796	7.06886	5.98953	6.97307	9.22542	9.28847
1.20419	0.762336	0.631516	1.10026	1.02078	0.695688
1.17908	0.920948	0.606924	1.78916	1.24642	1.56385
11.7768	8.36315	9.40387	10.9174	12.7154	10.2352
0.75914	0.586186	0.607174	0.413004	0.529117	0.553223
14.2284	13.9896	13.9721	13.6142	16.805	15.3963
2.80263	4.79149	3.272	3.98585	2.80231	3.90112
3.89678	3.53457	2.75574	3.8398	2.41091	3.54743
19.6623	20.3696	19.1619	22.7561	15.3549	15.8323
0.339912	0.27849	0.337509	0.168425	0.208102	0.508425
0	0	0	0	0	0

0	0	0	0	0	0.0762486
7.96762	7.85097	7.91248	7.67149	8.19473	9.71901
0.620011	0.630828	1.31977	0.68677	0.607127	0.423191
10.6473	8.61226	8.8219	9.91974	9.01245	8.02358
0.0673799	0.0428821	0.075698	0.0488988	0.0522339	0.0647275
11.5054	8.99898	9.86962	8.91386	8.56543	7.82974
2.82E-08	0.0849927	0.153047	0.0794085	0.10617	0.0847113
8.0365	6.69185	6.12828	6.93701	6.86125	6.42776
1.8114	1.97002	1.35392	1.63073	1.10205	1.37528
25.6057	21.5457	26.6881	24.6542	25.865	26.9614
36.716	29.7873	27.7765	33.3778	27.6577	24.8334
0.101966	0	0.0412393	0.258996	0	0.123971
13.5407	11.2794	12.5798	11.7312	12.0568	14.18
7.65984	7.61489	7.87487	8.15836	8.41577	9.02251
0.551816	0	0	0	0	0.447266
0	0	0	0	0	0
0.0768527	0.0825376	0	0.0557734	0.0595774	0
3.15593	2.861	2.62622	2.07614	2.60492	2.57639
0.267158	0.191249	0.148659	0.169671	0.0906157	0.527636
5.15089	4.87242	5.38772	4.96854	3.92891	4.35258
43.1878	50.9302	53.0843	47.7382	54.2921	47.0057
1.3102	0.796831	0.399198	0.642342	0.711489	1.38017
0.498499	0.439281	1.22002	0.324665	0.683708	0.269367
0	0.101857	0	0	0.110284	0
0	0	0	0	0	0
6.38007	3.73746	6.56818	5.68244	5.62038	4.93621
0	0	0	0.0367961	0	0.0410965
4.83306	4.08561	3.48506	3.26256	3.25514	4.21984
25.3021	19.6813	23.7803	26.0244	29.8143	27.1923
0.517349	0.657464	1.06902	0.585291	0.472192	0.422689
2.8065	3.17702	3.18021	3.6606	3.02826	3.46337
13.9868	17.4146	15.7624	17.8579	15.9517	13.2582
4.23756	9.77625	6.47449	6.83394	7.66505	5.72447
0.303845	0.0955704	0.338663	0.342292	0.339599	0.0272694
8.49856	9.05372	9.03294	11.6002	12.0731	10.9482
41.4795	51.4436	38.7457	44.2817	38.7821	27.3946
2.27776	1.30167	3.48203	2.15346	1.78195	1.76151
4.47041	3.66882	3.84471	4.79586	4.53396	4.89806
37.1849	42.6976	32.0301	28.3991	31.2136	35.263
7.8649	5.1167	6.90417	6.5489	6.98814	7.29875
2.90936	2.4103	3.23474	3.27066	2.65643	2.59636
9.15042	9.26625	5.9499	5.65003	4.82048	6.57671
0	0.0549544	0.0620848	0.0557018	0.0595009	0

62.4949	67.5609	76.1987	68.0356	69.2557	55.9671
2.61865	1.96562	2.80145	4.3372	2.603	1.88286
2.97315	4.40949	2.5767	4.68523	5.30112	3.37378
1.17845	1.37611	1.42945	1.10266	1.10534	1.23188
0.712659	0.42771	0.457773	0.486767	0.341228	0.501183
0.0126984	0.00454592	0	0	0	0
0	0	0	0	0	0
13.0957	10.4566	10.9287	11.1811	10.8445	11.5181
1.71256	1.24354	1.69194	1.34188	1.08329	1.28548
0.473189	0.39526	0.255169	0.372019	0.366824	0.926878
8.80076	4.66575	5.92336	7.02068	5.62476	5.88102
1.13076	1.95257	1.39887	1.20678	1.44378	1.72521
57.5608	69.8198	62.0889	63.5277	59.9221	53.9122
0	0	0.0186601	0	0	0.0186983
0.204573	0.0732353	0.330951	0.371156	0	0.24872
3.72666	1.21224	2.07204	1.42783	1.90357	1.86655
18.8383	23.2976	18.0088	15.8771	13.5753	14.0569
1.4615	0.837127	0.945745	0.636384	0.679788	0.23692
0.189508	0.248754	0.28103	0.114608	0.318304	0.179203
0	0.0378632	0	0	0	0
9.24068	10.3415	10.7174	10.0901	8.3758	9.37963
0	0.0171134	0	0	0	0.0193733
87.1349	86.1047	84.1295	91.2044	73.0279	76.2784
27.624	29.0975	26.6916	29.3461	26.8149	28.7405
20.6002	15.2616	17.6622	19.8853	16.5477	18.8013
4.07661	3.51816	4.37044	4.32322	4.95667	3.63856
0.276767	0.0283085	0.255852	0.200854	0.245204	0.224329
0.283825	0.216823	0.107967	0.0823489	0.0735105	0.290455
27.5105	28.9016	25.8357	24.6298	18.3316	22.0552
0.999563	0.796994	1.04741	1.05513	1.16232	0.847006
37.6039	34.7676	38.5602	39.4306	38.9064	35.8791
10.6524	8.1676	7.48467	10.043	8.03787	8.31362
1.7054	1.47138	1.65467	1.79552	2.5828	1.25123
13.0596	13.1832	14.5607	14.2164	14.5019	11.3481
0	0	0	0	0	0
0.419524	0.27055	0.473521	0.548157	0.37004	0.553922
0	0	0	0	0	0
3.16102	2.46486	1.54327	3.2675	1.30516	1.12647
3.24585	3.18442	2.75844	3.0041	2.68345	3.32189
5.49937	23.6725	3.05822	7.69097	9.681	7.91657
24.8852	20.2815	21.358	22.5176	19.1899	19.6829
0.553973	0.679944	0.422492	0.574326	0.515338	0.833882
17.4792	14.7077	16.0608	12.2634	14.5327	14.8951



894.106	2519.7	1124.75	1165.37	1240.85	2873.31
0	0	0	0	0	0
32.0374	31.6527	29.8374	28.6989	25.5951	36.551
0.0128959	0.036933	0.0208625	0.0280764	0.00999713	0.0418103
0	0	0	0	0	0
0	0.0689356	0	0	0	0
25.3539	23.2892	23.9957	23.5565	23.7639	24.3211
49.77	51.7488	44.1859	38.717	41.1264	46.9293
10.3692	8.41845	7.62357	7.10854	6.61729	8.55466
0	0	0	0	0	0
6.58005	4.97948	6.5955	7.10307	5.76328	6.25667
1.37882	0.884386	1.20049	1.04232	1.08373	0.908057
2.43359	3.05925	2.45879	2.65914	3.17993	2.98724
33.8248	30.3851	30.6654	32.3635	28.6363	28.1828
9.60477	9.62532	8.05374	7.14027	7.23488	11.4796
8.61483	8.01944	7.35534	8.41169	7.50943	8.07902
17.5559	23.6511	20.5535	16.1501	19.1613	10.425
7.57715	6.32683	7.11452	7.86334	7.28536	8.52713
1.65282	1.63167	0.974374	2.26641	1.0252	1.45826
0.644809	0.471908	0.592622	0.329602	0.332236	0.605458
3.48326	2.41031	6.55853	4.1051	3.2791	2.98226
6.67067	4.46148	4.9065	5.47876	4.23782	4.83328
34.2808	28.6732	30.6894	30.8371	32.1186	25.638
3.39452	2.59721	2.74576	2.46347	1.67693	1.83425
0.883136	0.858133	0.918451	0.915583	0.745748	1.38049
0	0	0	0	0	0
0.67459	1.11722	0.671757	0.790927	0.603816	0.969045
15.0449	16.9525	18.1261	16.825	21.4415	9.3957
25.4707	28.2203	26.7811	23.3337	24.1517	24.0556
171.552	148.926	159.595	175.342	187.962	159.614
0.0216446	0	0.0175079	0.0628315	0	0
5.70975	5.32725	4.3485	5.93114	3.78805	4.22472
0.832134	0.223422	0.168274	0.301947	0.161271	0.168618
2.00065	3.76842	1.66787	0.906982	3.846	4.20887
0.683085	0.521796	0.730976	0.849261	0.825839	1.01444
0	0.321768	1.93876	3.91513	0	1.45704
5.62E-09	3.75E-09	8.08E-09	8.02E-09	2.76E-09	2.67E-09
1.05087	1.2996	1.46823	1.45594	1.48118	0.929197
0.558509	0.588061	0.398617	0.417241	0.432965	0.945324
124.972	102.321	107.009	125.759	137.851	102.424
6.08384	3.68919	5.29771	5.04589	4.52378	6.3149
9.0524	6.81262	7.5013	7.7374	8.26513	8.0384
14.2872	12.3444	18.9507	14.1797	15.8237	12.4072

14.8952	19.8788	16.1488	12.6281	12.4534	13.9703
0	0.0342104	0.0772985	0.0693514	0	0.0774566
5.26844	4.3976	5.16094	5.22592	5.25398	3.7123
0	0	0	0	0	1.55095
0	0	0.0680282	0	0	0
28.9614	23.1829	24.5418	25.6739	28.9124	26.2444
42.6605	49.4018	37.6954	41.3915	44.5022	34.3523
0.862382	0.548844	0.645892	0.834462	1.03994	0.569547
0	0	0	0	0	0
0.0579038	0.529228	0.221743	0.452609	0.483479	0.702091
1.10335	1.03305	0.480567	1.39613	1.35977	1.03189
7.19427	4.96331	6.93228	6.2481	6.31869	6.35165
2.01806	1.78412	1.28496	1.84973	1.53329	1.52886
39.526	34.4067	38.0587	37.6707	33.1349	36.5614
9.4878	7.7453	8.31239	9.65537	7.49148	8.92265
0	0	0	0	0	0
0.399952	0.37058	0.494784	0.460988	0.39212	0.553003
0	0	0	0	0	0
4.61E-05	1.43E-05	0.546809	1.0353	3.40E-07	0.00014681
13.1519	11.3124	12.1163	11.7245	11.6307	13.3643
1.35092	1.06128	1.15116	1.17185	1.33877	1.06955
27.1196	21.9683	18.7681	21.4236	30.0115	12.1061
0	0	0	0	0	0
18.8494	18.14	20.749	13.3209	17.4497	15.5448
0	0.443137	0	0.224582	0.239899	0
4.66353	2.49518	2.10427	2.32151	0.919573	2.42685
12.5356	12.6505	11.7126	10.2953	10.4373	11.0029
26.1585	23.8693	24.8424	23.6391	35.0041	24.8258
1.13746	0.421242	1.14216	0.455436	0.63853	0.381497
1.39782	1.13729	0.668123	1.52164	0.394041	0.772487
0	0	0	0	0	0
13.3183	9.21422	10.0206	11.3169	9.61008	11.7156
23.1809	17.3243	13.483	16.6061	12.4356	15.1812
21.8175	19.4011	17.9617	17.9182	17.455	17.9355
10.9488	10.4758	10.4291	9.80045	9.44717	9.87758
0	0	0	0	0	0
0	0	0	0	0	0
3.74066	1.23611	2.19657	2.31008	2.06333	2.65294
0.463447	0.663639	0.374873	0.168166	0.179636	0
3.17385	2.29603	3.42459	2.87313	3.22362	2.77648
2.96613	1.89286	2.24277	2.66732	2.6493	1.77698
6.17297	4.04922	4.51476	5.63331	5.55902	6.29168
0	0	0	0	0	0

4.87629	3.99222	3.10816	2.79619	2.16125	2.26818
0	0	0	0	0	0
0.100031	0.107431	0.0809134	0.108892	0.0775459	0
12.1015	12.245	13.2339	12.1643	11.102	10.5223
0.264756	0.758242	0.321234	0.288208	0.102622	0.107297
0.189651	0.135787	0.191756	0.137633	0.0735103	0.230578
0	0	0	0	0	0
33.0432	31.7601	33.1796	34.1595	36.4741	30.6619
7.56709	5.75106	8.44334	7.81717	5.50407	5.48228
0.792746	0.665148	0.480917	0.485415	0.614549	0.535687
0.19686	0.134236	0.204732	0.139463	0.119907	0.117772
49.0798	54.7362	48.5666	50.1082	65.8588	54.4066
0	0	0	0	0	0
0	0	0	0	0	0
12.4981	10.6209	12.1716	12.4778	11.7018	12.4464
14.6813	17.4325	17.4898	17.7355	16.297	12.6213
0.136705	0.163131	0.0368594	0.0330698	0.0706507	0.0738694
10.5459	8.13352	9.55723	9.90715	10.0287	10.3653
0.440676	0.495811	0.432837	0.54824	0.341619	0.357183
33.4604	31.117	32.1427	33.53	33.9735	28.4498
15.3175	13.5379	14.6112	15.0107	14.675	18.4207
0	0	0	0	0	0
4.84839	4.27192	4.08597	5.13429	5.50332	4.97227
75.4336	83.4355	68.0463	78.1472	85.0244	43.3324
6.3513	5.96727	3.41412	5.27049	4.31077	5.11536
3.54711	2.4486	3.3581	3.37073	3.77326	2.86193
0.0473136	0.0677512	0.114813	0.0686726	0	0.0958731
7.20628	6.2466	7.81081	7.16522	5.71226	6.70353
3.36732	1.81166	2.30345	3.04246	2.53138	2.36384
19.337	16.6562	20.3307	16.7666	22.0514	20.063
0	0	0	0	0	0
12.1114	15.0032	11.4684	15.277	5.66319	10.3621
0	0	0	0	0	0
0.34246	0.0817317	0.0923364	0	0	0.0925252
5.38537	4.05989	4.5988	4.90981	4.87465	4.76626
1.85235	1.78135	2.70305	1.52897	3.77276	2.44362
17.7661	18.5945	12.7704	12.571	10.263	11.8715
0	0	0	0	0	0
0	0	0	0	0	0
41.3363	37.355	39.1434	43.4862	36.7091	38.6678
15.6351	15.0695	16.9626	15.0253	12.4918	16.1264
11.7599	11.6241	11.507	13.2361	13.6205	14.0135
0.572422	0.345681	0.043853	0.285059	0.212648	0.479536

3.17332	2.5044	3.09187	6.49009	1.92887	6.02101
0	0.117554	0	0	0	0
35.3235	9.48411	3.57156	0	6.84583	3.57886
63.7601	57.6182	62.2342	67.5204	66.4625	67.9747
30.9493	36.2827	39.1389	35.1514	39.504	30.4596
0	0.201036	0	0	0	0.0758618
1.10344	0.792058	1.74544	0.941898	1.34063	1.24624
2.49899	2.57201	3.4953	2.49365	5.00457	1.77232
3.61658	1.72627	3.9005	2.62461	0.934542	3.90848
6.79107	4.64768	5.82215	3.78403	4.86706	3.97895
0	0	0	0	0	0
1.45075	1.25463	0.859262	0.887679	1.33582	1.04912
0.00350964	0.015077	0.0170333	0	0	0
5.29899	4.90688	4.9911	5.98201	6.31698	4.86768
1.99837	1.24791	1.34906	1.70105	1.3861	1.69282
0	0	0	0	0	28.3654
0.111534	0.11057	0.104097	0.0933948	0.0931138	0.10431
10.2607	6.49129	8.42356	9.48798	7.84352	9.29268
0	0	0	0	0.0206493	0.0215901
0.180574	0.0718263	0.0996254	0.0182007	0	0.146362
35.9832	37.4336	32.7063	32.3379	33.2837	33.8026
6.33664	10.3254	7.95349	7.69079	5.25104	7.52699
23.419	19.2943	20.737	21.5258	22.1742	24.6981
11.4839	11.4815	10.4073	11.9664	8.93686	11.2611
13.6411	14.7601	12.0274	13.4011	10.7788	12.5497
0.349066	0.249925	0.188235	0.337765	0.0902005	0.047155
79.2379	82.2193	78.8116	88.8993	88.7483	81.8297
21.1909	25.6014	18.8384	22.9037	22.5839	18.41
0	0	0	0	0	0
0.146098	0.31381	0.206807	0.397597	0.0849431	0.088813
22.6335	36.5194	19.8733	18.6348	14.9889	21.2166
5.44782	3.21732	3.4804	6.33328	3.4028	3.8672
0	0	0	0	0	0
1.12988	0.586522	0.725417	0.735387	0.440633	0.381611
0	0	0	0	0	0
0.500424	0.345384	0.274583	0.246533	0.235672	0.318589
25.6886	28.2444	29.5952	19.391	25.0391	27.6715
51.0719	49.3849	52.3179	53.329	49.2163	53.2909
1.19352	0.722135	0.514886	1.09713	2.03551	0.257969
5.46746	7.31408	5.19506	6.12295	4.09037	5.44541
34.4373	33.0422	33.0874	38.1854	43.4098	33.8163
41.4228	40.1951	44.7198	47.5162	54.4689	35.6505
0	255.172	0	258.642	0	0

2.51834	1.2914	1.95445	2.49444	2.3216	3.00663
0	0	0	0	0	0
16.8698	9.73993	13.3805	13.8266	14.7629	11.6112
7.59835	6.91331	7.20516	7.14308	6.18033	7.21994
0.4624	0.792818	0.319168	0.37584	0.707965	0.802178
0.53661	0.192101	0.231028	0.257525	0.167737	0.238516
1.08944	1.04922	0.62545	1.09449	1.16734	1.93791
4.58892	3.57427	4.62821	4.78408	4.92678	4.65324
12.8587	14.9018	16.5984	11.5098	15.7752	12.6374
2.22997	2.12882	1.42799	1.82062	1.33254	1.24263
0	0	0	0	0	0
22.7138	25.7505	22.6228	23.9735	24.0216	25.1057
0	0	0	0	0	0
0	0.0228191	0.0515598	0	0.024707	0.0258326
1.79295	1.2564	1.46056	1.22735	1.36035	1.43263
0.255687	0.264462	0.301813	0.434767	0.208734	0.292713
0	0	0.0474151	0	0	0.213804
1.89487	1.25236	1.83583	1.34493	1.59804	1.29964
3.16164	1.0401	1.51819	1.71231	2.30247	1.67387
22.8417	23.4741	22.4736	25.1055	25.0891	20.7122
55.4101	48.4812	54.9702	59.472	51.6099	52.1996
0.202635	0.0583092	0.2635	0.257509	0.209324	0.224979
7.34619	5.25974	7.19758	7.0583	6.6574	6.83491
0	0	0	0	0	0
25.9089	29.093	36.8072	35.3853	29.904	27.3386
0	0	0	0	0	0
78.9489	49.1422	46.5372	48.9913	41.4088	50.9231
4.24165	4.00524	4.22657	4.37199	3.8124	3.28852
5.53624	4.6103	4.65185	5.20117	4.98216	5.23914
0	0	0	0	0	0
12.6865	11.439	12.2103	13.638	12.989	13.7452
4.41111	4.24183	4.04577	3.14765	2.64697	3.06675
5.45113	4.41446	3.31931	4.32618	3.26804	4.44334
6.7578	4.75122	6.6338	6.28507	6.69921	6.86767
12.3521	12.0881	12.9479	12.7124	13.6296	13.6624
40.2664	49.4841	41.9192	44.1255	47.3136	29.7636
1.41105	1.96208	2.1685	1.16066	1.26593	1.20106
1.77591	3.21853	0.561132	3.76574	1.22614	0.629753
17.3319	32.8288	19.8052	16.2051	12.1208	29.1739
0.0936821	0.0335373	0.151555	0.10198	0.108936	0.151865
9.29247	8.84461	7.37428	8.57767	5.88066	7.62757
0	0	0	0	0	0
0.39996	1.07546	0.856377	0.527743	0.393721	0.324182

0	0	0	0	0	0
12.045	14.0436	13.002	12.0623	10.8698	12.6865
40.2258	46.9529	42.9621	43.214	41.6572	41.0809
4.44626	1.09994	1.03971	2.45106	1.16307	1.25338
6.30126	5.41488	5.96018	6.17723	5.26604	5.82626
7.89922	7.01512	7.19307	7.29076	6.3037	6.50648
2.51335	2.22366	3.0423	3.19296	3.03729	2.40758
0.390298	0.264739	0.265856	0.387601	0.350339	0.4662
0	0	44.2303	39.6829	0	0
0	0	0	0	0	0
30.8109	24.5994	27.1811	30.3742	25.6837	26.9392
19.2119	18.949	22.3651	18.8983	19.9285	19.5162
0.503156	0.331809	0.267085	0.427648	0.457242	0.567055
0.751031	0.4353	0.17357	0.700761	0.665384	0.840635
0	0	0	0	0	0
0	0	0	0	0	0
8.42763	4.86074	7.4797	6.45587	6.71471	6.16677
0	0	0	0	0	0
6.35687	5.22016	5.8771	6.04387	5.03646	5.48294
44.0821	45.1256	45.8973	46.9453	48.1563	42.3177
0	0	0	0	0	0
13.5905	13.9539	14.8427	14.0531	13.6387	12.1136
174.012	185.468	179.657	188.875	219.366	173.969
0.263516	0.353935	0.273533	0.15106	0.324256	0.179015
200.711	274.336	198.55	194.711	199.076	207.926
4.16632	5.17901	6.85484	4.64473	3.97197	5.33126
0.802927	0.810729	0.782696	0.702226	0.542641	0.800984
30.7404	33.0219	32.1714	32.6716	30.4599	37.1068
0.0984323	0.08703	0.0398059	0.0576176	0	0.0468879
0.633482	0.453561	0.717375	0.459729	0.098217	0.61615
0.732263	0.440401	0.995086	0.616443	0.590368	0.688488
0	0	0	0	0	0
0.842106	0.486983	0.0523971	0.399586	0.351515	0
0	0	0	0	0	0
22.0829	15.7333	20.0873	21.5092	18.3487	17.2033
17.4494	17.1823	19.6705	17.7256	17.8597	18.8289
0.425054	0.0760826	0.257863	0.231352	0.164754	0.0861301
0.786554	1.31403	0.848303	1.3319	0.812998	1.06255
0.793658	1.37797	1.28805	0.819362	1.21421	1.15215
0	0	0	0	0	0
2.97504	2.78548	3.70223	3.81984	3.19334	2.78235
0	0	0	0	0.156964	0
0	0	0	0	0	0

12.8829	8.60897	10.6192	10.863	11.8893	16.4423
0.643908	0.541985	0.574389	0.978796	0.665759	0.50485
7.66536	5.97096	7.98133	7.99694	7.9297	7.98837
57.7396	60.9432	58.4353	66.6901	61.3619	52.4393
0.0298743	0.074863	0.0724942	0.0867213	0.104216	0.0726424
3.75163	4.21388	2.72152	5.29399	5.355	5.69549
0.0328793	0.0470819	0	0.0238611	0.0254886	0.0266498
1.26932	1.38556	1.21187	1.61582	1.4034	1.61913
6.83866	4.98117	2.3769	4.6291	3.88616	4.62328
0	0	0	0.0197807	0	0
0.472267	0.354235	0.67306	0.5549	0.523012	1.85926
0	0	0	0	0	0
0.637943	0.498278	0.609841	0.462967	0.629419	0.752108
6.49922	8.60864	7.67535	9.00871	6.8017	7.42765
3.12907	2.14434	2.11884	2.7704	2.09997	2.82607
0.0878433	0.0628941	0.0852656	0.0637494	0.0680975	0.0427199
15.6957	18.368	16.3696	16.345	14.6631	14.5962
3.97647	1.86143	1.5605	1.88662	2.24271	2.48077
13.9667	14.3391	14.0766	12.8665	11.3348	12.7919
1.18383	0.526888	0.284685	0.534053	0.471265	1.0114
0.243535	0.101169	0.239797	0.194041	0.152824	0.0621589
0	0	0	0	0	0
7.37725	8.28626	10.1349	7.98821	6.72507	8.56588
35.1746	33.5201	35.2463	35.4577	29.4853	34.9215
2.38256	1.97134	1.71842	2.38748	1.83134	2.08124
6.08543	3.56988	5.20016	3.5702	4.96342	6.67102
0.126047	0.0902474	0	0	0	0
14.7945	12.8159	14.3658	15.2027	12.6711	14.2025
1.84015	1.91555	1.48819	1.82031	1.68533	1.62626
20.2937	18.4294	25.3095	18.6838	30.8425	18.706
19.1409	17.6561	20.2451	17.1873	17.5785	20.0215
51.9007	46.4969	44.1471	44.3681	58.7617	26.9707
10.1242	8.06323	6.34904	8.049	6.74611	7.43764
3.54483	2.07192	2.16256	2.48814	1.54455	1.65307
16.5476	25.2728	17.9848	12.0833	9.29332	13.6615
6.08854	3.64467	6.43805	5.10668	4.83599	6.26979
0	0	0	0	0	0
368.923	350.465	336.846	396.425	498.504	357.82
0.794882	0.411359	0.420295	0.484348	0.449998	0.572166
2.36533	1.84576	2.13899	2.23732	2.16328	2.15413
6.62892	4.91982	6.44093	5.50006	4.52782	5.61867
0	0	0	0	0	0
0	0	0	0	0	0

0	0	0	0	0	0
2.10432	1.64281	1.85622	1.84321	1.77146	2.01059
4.55142	5.34564	5.7656	4.96527	4.99015	5.7137
2.16821	1.5368	1.71845	2.13391	0.938191	1.46872
2.66538	1.88186	2.21586	2.22984	1.43489	2.2804
0	0	0	0	0	0.0687945
84.8077	85.8274	75.9539	74.2712	79.3805	95.7963
0.40978	0.157176	0.224921	0.435456	0.363049	0.16607
0	0	0.179941	0	0	0
5.77147	5.3072	5.91419	5.22887	4.37238	5.88734
14.0233	12.6835	13.9935	13.7912	11.396	12.3933
59.8061	52.2858	48.9359	48.8317	102.853	31.2606
4.03596	3.2473	1.90376	3.66967	2.55316	2.49675
15.1511	12.5442	16.3407	13.478	15.4894	14.9979
801.905	719.71	764.341	708.774	822.867	625.2
0	0	0	0	0	0
12.3875	11.78	14.1312	13.565	11.1361	13.8978
11.4292	11.0675	12.1051	11.1905	11.1314	10.9015
0.0298112	0.0640327	0	0.043269	0	0
6.93888	5.24778	4.46655	5.57414	4.24178	5.86755
6.57623	4.42985	4.59544	4.40538	4.76618	5.33026
25.2885	31.8909	26.8476	32.35	26.1425	33.6656
24.626	24.3722	24.781	26.0932	26.7596	22.2882
19.0195	17.2983	17.5098	17.3846	17.8295	18.8499
0	0.198286	0.224014	0.200983	0	0
21.0403	17.0326	19.5791	18.2563	21.9896	19.6312
11.1309	8.71328	9.87716	11.2469	8.42035	10.0567
0	0	0	0.0194009	0.0828964	0
3.70937	4.32847	4.23756	6.23581	3.46372	3.62152
0	0	0	0	0	0
49.6827	55.1303	58.8184	57.4578	61.8774	55.1612
0.900994	0.761532	0.0536988	0.341246	0.479517	0.661801
0	0	0	0	0	0
13.2966	12.8879	18.0054	14.3265	20.156	17.3818
3.26479	1.59883	1.85201	2.26675	0.975115	2.03908
16.709	18.0115	15.4588	18.3885	17.2329	16.8321
0.0569598	0.0259338	0	0.0396018	0.0441561	0.0230736
1.93281	1.59054	2.53626	1.84587	1.42395	2.19507
4.24219	3.38611	3.20157	3.19648	3.74493	3.1094
17.7897	25.6142	20.855	20.5992	18.6268	11.7048
0.818108	0.898672	0.587869	0.916016	0.382716	0.0920978
34.4199	34.5791	30.1045	34.0049	28.534	31.0594
8.59379	7.38896	9.98686	8.71499	8.9603	9.39894



7.01048	5.95863	5.20079	6.41596	4.45836	4.25141
15.5286	11.3547	17.1997	13.5828	12.8837	15.8476
995.347	898.225	1060.08	852.431	1021.02	766.834
0.154639	0.131223	0.0277962	0.094393	0.106559	0.243733
0	0	0	0	0	0
9.90711	8.37371	9.7986	11.803	11.4737	13.943
10.1558	8.4021	9.96285	9.78759	8.35326	10.1784
0.0975541	0.279388	0.315638	0.0707968	0.378127	0.0790709
0.00572537	0.00204963	0	0	0	0.00556872
0.988738	1.25777	0.439865	0.591907	1.08628	1.74964
0.0898965	0.16147	0.0727154	0.100679	0.0696891	0.142524
0.0602552	0.0431416	0.0548316	0.0655924	0.0233554	0.0488388
0	0	0	0	0	0
0.430327	0.308106	0.232055	0	0	0.93012
0.137814	0.710453	0.445905	0.100014	0.427347	0.446817
545.038	633.055	628.956	534.639	659.172	577.059
1.37685	0.813482	0.557917	0.248228	0.661414	0.506111
5.84378	4.84368	4.64174	4.83314	4.83628	4.11783
38.7032	37.8593	29.5213	42.4394	39.6097	34.3284
6.14021	4.81088	5.36117	7.44484	5.84177	6.42452
18.393	37.8645	18.8976	28.947	22.7941	28.0335
1.02108	0.91486	1.02014	1.17513	0.683017	0.705745
3.44042	3.09587	3.54869	3.51997	3.48422	3.9923
7.2901	8.64224	8.70023	7.47617	4.40996	7.30377
0.0546952	0.058741	0.0442418	0.0595399	0.0212003	0.110831
2.00885	2.09668	2.1513	1.93012	1.60116	1.9837
29.4635	29.5686	27.7488	27.0635	24.3664	30.8358
0	0	0	0	0	0
0.14185	0.0338539	0.0764929	0.0857857	0.0366547	0.0383247
21.3884	20.4214	21.4762	23.3027	20.5612	21.0207
0.237768	0.212797	0.0480814	0.158173	0.107521	0.144539
23.3221	18.502	22.8075	22.1193	23.9548	23.9571
1.08279	1.17625	0.93625	1.02967	1.15779	1.39212
0	0.0705934	0	0	0	0
0	0	0	0	0	0
2.89985	2.48438	2.22534	2.37427	1.78688	2.3906
8.55054	8.37182	10.4112	10.1522	9.57972	9.35495
4.71334	2.35089	3.25564	4.03549	3.20226	4.1208
2.96595	3.78381	2.22462	2.34812	2.25745	3.14706
32.8946	48.9155	39.8434	36.0329	38.0544	31.5844
0	0	0	0	0	0
0	0	0	0	0	0
174.921	171.352	171.931	187.64	199.578	176.056

0	0	0	0	0	0
0	0.619947	0	0	0	0
1.27653	0.974901	1.03256	1.11168	1.31945	1.42554
0	0	0	0	0	0
0.34893	0.499655	0.338691	0.354515	0.432794	0.56564
28.4301	28.0466	28.5671	28.2999	32.4431	23.0197
0.0546857	0	0.0442341	0.0396864	0	0
2.51838	2.16803	2.44933	2.6109	2.11498	2.43004
0.63544	0.579307	0.63008	0.653814	0.605051	0.921993
4.03015	3.55461	2.78746	3.0943	2.94312	3.73999
0	0	0	0	0	0
20.4877	25.3144	21.1619	21.2428	14.6588	21.1028
11.5021	9.58617	10.2219	12.452	11.7028	10.9878
129.111	157.201	159.339	141.271	150.286	119.09
28.261	26.4382	31.5185	30.4033	29.5601	28.7417
0	0	0	0	0	0
0	0	0	0	0	0
82.4952	89.4944	91.4476	90.4067	72.2307	84.2703
38.959	40.5967	40.8712	38.4848	36.7182	38.5495
1.0335	1.06371	0.888229	0.890663	0.500743	0.83769
0.429493	0.615017	0.810618	0.935072	1.22081	0.928315
63.1864	51.1073	58.4573	64.0544	67.811	42.8123
6.00344	4.78999	6.68105	5.99417	5.21669	5.00911
3.15384	3.58293	4.3008	3.49841	3.55711	2.3873
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2.35748	1.7617	2.10491	2.29051	2.48668	2.11965
0	0	0	0	0	0
4.47701	4.97459	5.83774	4.70493	5.27235	5.51258
22.6673	14.8863	20.0693	19.5456	19.3726	22.6264
0	0	0	0	0	0
1.01574	0.969667	0.69521	0.661536	0.686466	1.30882
13.5897	14.8338	14.2295	15.1164	15.2976	14.9695
34.7089	31.1548	39.0528	34.408	36.0642	36.7132
6.54051	6.54949	5.06851	4.54741	7.80047	4.00378
0	0.0177158	0.0200145	0	0	0
3.3976	2.09813	3.10896	2.96654	2.07417	2.42685
0	0	0	0	0	0
3.65552	3.47502	2.13484	2.96214	1.49575	3.09362
0.0625147	0.0447593	0.202267	0.136104	0.290774	0.10134
1.34259	1.42442	1.71923	1.3895	1.93436	1.30732
27.2368	26.0039	25.8101	26.0586	28.9695	19.0383

1.40354	0.742652	0.558504	0.798035	0.887613	1.07996
1.69943	1.59501	1.47941	2.15614	1.379	1.49274
44.3675	39.1051	37.6247	44.4845	34.8075	45.0487
0	0	0	0	0	0
3.19715	2.43869	2.23736	3.37703	4.35471	5.19664
8.60621	6.08627	7.52513	8.40676	10.1016	9.11538
0	0	0	0	0	0
0.0637569	0	0.154715	0.092539	0.0494253	0.0516771
0.987518	0.537353	0.591099	0.716659	0.872714	0.816425
0	0	0	0	0	0
59.2559	67.6217	53.0967	55.6974	41.9581	54.3589
17.3663	17.3911	14.0782	13.8106	16.2056	7.72011
0.43405	0.524951	0.221567	1.01955	0.657871	0.969072
7.52726	7.13671	10.652	10.8637	9.24692	7.38339
0.58013	0.950872	0.377193	0.792933	0.46662	0.250189
6.89463	8.74212	8.13826	7.19	6.68133	6.94447
0	0	0	0	0	0
0	0	0	0	0	0
5.30794	5.9597	16.3933	11.6	5.75137	11.929
1.20643	1.37642	1.48649	1.21251	2.02377	1.31621
6.77199	4.37014	6.0011	5.32625	5.90333	6.03227
2.82476	2.87237	2.90674	2.62637	2.0474	2.46826
59.0444	68.6971	66.7347	61.7119	38.658	59.9549
13.0192	11.1799	13.9922	13.1733	13.8431	15.0259
0	0	0	0	0	0.141161
64.9549	55.7008	62.5961	71.8826	67.9976	64.8648
48.1764	55.8395	50.2361	51.0566	43.8327	46.4421
0.810545	0.649483	0.598404	0.602231	0.479528	0.545604
10.0469	7.20731	7.04213	5.13347	3.94699	3.74878
0.257296	0.109618	0.123841	0.0964485	0.103027	0.140755
35.4604	38.1943	41.6482	39.3874	48.6463	40.0781
1.48784	1.30929	1.54257	1.4132	1.92211	1.5156
21.8165	17.8289	20.7596	23.2873	23.0266	19.6936
1.33872	0.83482	0.986803	0.940193	1.00432	0.813808
39.9732	63.8983	58.5783	24.0112	17.3925	47.4192
80.5429	67.2476	54.2112	47.7125	85.2888	56.5565
6.63849	6.25596	6.3036	5.69361	5.14626	5.82734
7.56903	6.19689	5.95239	6.0881	5.14572	4.96196
2.50324	1.39821	1.7918	1.76397	2.24576	1.60136
1.93128	1.43594	1.27377	1.14281	1.00194	1.3125
106.528	118.885	100.675	85.8021	90.0412	91.0265
9.88333	6.0418	8.66632	8.41205	8.97576	9.53726
0.374133	0.348234	0.332892	0.325818	0.464054	0.363897

1.14209	1.19931	1.29333	1.57478	1.32804	1.41941
0	0	0	0	0	0
24.8843	26.3929	29.9007	34.128	26.9462	38.8017
2.79077	2.32408	2.99386	2.45623	2.51636	2.72725
0.200298	0.197188	0.162017	0.23621	0.116456	0.101468
1.73602	1.11412	0.693555	1.18304	1.01755	1.32989
0.132911	0.619541	0.592642	0.916329	0.154552	0.432838
0.244575	0.175111	0.296748	0.177492	0.189598	0
0	0	0.0226325	0.0406113	0	0
1.50666	0.759112	1.21871	1.09341	0.995442	1.26685
5.16939	4.559	4.26542	5.61809	3.97511	4.10355
8.70425	7.87597	9.45227	7.85874	12.2733	8.63832
3.14E-123	1.96E-35	9.29E-123	1.12E-67	0.102135	5.71E-95
13.8943	10.3361	11.3458	14.057	12.8409	11.6452
2.55577	1.70789	2.51523	3.98776	2.77378	3.7633
0	0.170735	0	0	0	0
28.977	23.3718	26.3795	29.1897	28.5673	30.2193
0.0589319	0	0	0.299376	0.0456849	0.0477663
0.385602	0.915937	0.763851	0.479723	0.658855	1.07305
3.74731	3.95936	3.38321	3.23325	2.54316	3.1236
0.221682	0.190464	0.179314	0.193054	0.103111	0.0718723
12.1086	25.5495	14.6529	15.1541	10.1724	12.4979
1.28045	0.740473	0.677207	0.822024	0.649023	0.958012
1.8313	1.4585	1.78089	1.80685	1.85033	1.60107
24.4148	21.4138	23.2447	24.3624	24.2552	21.0415
25.5615	28.2977	33.0378	29.9957	30.1869	29.7773
0.231168	0.744802	0.0934934	0.587169	0.716819	1.03053
0.666088	0.238174	0.59102	0.766906	0.216351	0.270803
9.46943	9.50002	10.0015	9.41108	10.3023	11.2596
0	0	0	0.036545	0	0
0	0.147938	0.111422	0	0	0
78.2698	84.5766	77.8766	83.8036	77.4705	65.3413
0	0	0	0	0	0
0	0	0	0	0	0
2.66168	2.84878	3.06598	1.96431	1.91798	2.98341
1.46745	1.24974	1.68677	1.39004	1.52077	2.02826
117.185	140.389	117.354	123.926	116.058	111.916
12.1165	11.7893	12.454	15.5773	10.9566	12.5961
1.3532	0.889075	0.424953	1.29398	2.2338	2.56783
0.194851	0.488283	0.788054	0.282813	0.226577	0.2369
2.3109	2.41866	3.36641	3.37526	2.55082	2.69229
0	0.072932	0	0	0	0
8.07923	9.00713	6.03433	5.34012	6.82083	8.13187

6.03793	6.42231	6.02231	6.48745	6.27133	5.87307
65.774	24.9815	58.1158	51.0831	25.6183	43.4134
0	0.0426712	0	0.0216258	0	0.0483064
16.6422	13.476	16.0135	15.5078	15.5869	17.2294
0	0	0	0	0	0
0.717497	0.299666	0.532004	0.303742	0.417161	0.678481
12.8175	15.181	10.3207	9.90284	11.9797	10.9657
13.7138	12.0207	13.5131	13.6679	15.4764	13.5812
5.96931	6.96011	7.38512	7.86039	7.58019	7.58089
0.578999	0.511022	0.458156	0.280548	0.31319	0.41301
0.0932376	0.111261	0.0251393	0.0225547	0.0240931	0.0251907
19.3293	18.3341	19.1629	22.3002	17.8019	15.9883
1.64706	1.61643	2.37849	2.0919	1.96384	2.6393
22.0307	17.2224	16.2192	22.5743	15.4652	16.3328
258.739	20.3749	84.4484	100.208	132.522	258.578
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
32.7918	34.9468	31.622	32.9608	29.3466	36.1629
2.69982	1.75066	1.5328	1.50091	1.86391	2.1883
52.9001	52.6657	54.2682	47.8265	45.6738	53.1382
9.98053	11.7943	8.75267	6.85503	6.53308	8.13083
0	0	0	0	0	0
9.19679	8.09778	9.45538	7.74888	6.32051	8.12038
95.0665	125.677	87.8493	83.0837	78.8258	95.0031
1.90847	1.23798	1.49092	1.72826	1.46683	0.727361
2.30318	2.9715	2.10813	1.95161	0.992614	2.66018
6.67072	5.81963	4.98772	5.32924	4.73669	4.99792
4.48029	4.50642	4.22508	4.20939	2.05105	3.644
0	0	0	0	0	0
7.17848	5.88061	5.88625	6.68778	7.04204	7.80225
1.10352	0.592574	0.510065	0.429023	0.733256	0.511108
0	0	0	0	0	0
1.37706	0.944497	1.80573	0.830154	0.954399	1.1027
0.285046	0.48981	1.06061	0.744707	0.441944	0.785534
0.589646	0.39306	0.888118	0.20658	0.346767	0.412007
0.187291	4.84E-103	0	0.135942	3.99E-124	1.14E-66
0.412973	0.374737	0.318478	0.691971	1.01418	0.636569
19.5787	16.8704	18.4379	19.1857	21.4649	16.9878
2.54098	1.48851	1.30795	4.69391	1.25351	2.43402
14.5035	12.351	14.9493	15.8293	13.7808	15.0114
0	0	0	0	0	0
12.4527	13.2864	16.0966	10.3661	9.65352	16.6243

21.5012	23.859	17.3778	21.5564	18.3301	17.775
10.1871	10.7211	11.5209	10.7471	9.45102	9.93894
0	0	0	0	0	0
66.2749	74.0234	80.8334	74.1135	94.1054	59.5897
2.53393	1.17926	0.819857	1.56308	0.589302	1.02692
0.0425714	0.324213	0.0344351	0.269218	0.388894	0.252114
0.367634	0	0	0	0	0
36.7527	32.0896	33.8756	32.7426	31.0955	35.7463
2.42718	2.17227	1.10435	1.65136	1.76399	1.47548
0.379711	0.339832	0.383926	0	0.147179	0.628361
2.38175	2.42608	2.4628	2.22742	2.36031	2.48774
0.75042	0.714034	0.607	0.81294	0.653808	0.910027
0	0	0	0	0	0
21.2448	16.7509	17.6738	16.7332	17.6023	11.8301
0.129361	0.340251	0.260955	0.307511	0.178281	0.291255
0	0	0	0	0	0
0	0	0	0	0	0
11.4197	9.25461	10.8209	10.7825	11.1061	10.3229
23.7514	24.0824	22.3742	23.9816	22.0149	22.3004
320.036	484.092	198.006	287.283	295.538	302.452
4.70571	4.22662	4.85836	5.59436	5.03331	5.07936
5.76101	6.4302	6.71537	6.34873	4.99232	7.68815
21.225	16.8056	17.6098	20.2089	17.071	18.7379
116.968	142.833	122.561	110.494	92.5749	102.442
1.76627	0.722636	0.204099	1.09869	1.17363	2.4542
1.15534	1.07996	1.19413	1.28097	1.49273	0.728346
0	0	0.074752	0	0.0333096	0.0400774
25.1296	20.5996	22.0949	24.5211	24.8787	26.1919
0.682419	0.778705	1.00049	0.789295	0.314107	0.77783
0	0	0	0	0	0
8.38245	10.1935	5.6829	6.48795	5.27349	5.22751
0	0	0	0	0	0
21.5986	18.2758	17.5483	21.3202	16.0489	16.6156
34.8506	27.7969	27.7245	31.9667	34.4398	29.8081
23.8173	21.362	23.8913	24.4011	25.3462	23.8626
1.59963	0.430913	0.447893	1.02694	0.620031	0.698146
0.47155	0.0450161	0.203428	0.182513	0.146221	0.152883
0.589384	0.241136	0.612952	0.183311	0.130543	0.341225
13.3316	9.56396	13.5699	10.2792	10.8852	12.7949
0.0507378	0.145309	0.0820816	0.0736427	0.0786655	0.0411247
0	0	0.123467	0	0	0
0.792605	0.484598	0.554679	0.613986	0.628247	1.09719
7.07691	5.27342	6.44216	5.76373	5.76129	6.16762

113.369	129.695	127.404	137.044	131.764	111.669
14.8965	12.7701	11.593	12.3366	12.8115	11.2321
6.15275	3.85459	5.36001	5.29833	5.88436	6.35121
0	0	0	0	0	0
2.52E-08	1.86E-08	2.38E-08	1.44E-08	3.83E-08	2.43E-08
1.15491	1.26791	1.05875	1.22928	1.01468	1.12332
23.6375	22.3857	24.5595	25.8951	23.3818	24.3386
9.55047	9.2718	8.27511	9.28042	5.67196	7.47857
0.232682	0.446239	0.752848	0.845314	1.14323	0.754387
22.7823	22.6011	23.3611	27.1966	25.2221	27.4298
1.48013	1.20539	1.77125	1.26988	1.17228	1.34875
5.45294	5.08201	3.03087	2.80769	3.42427	3.03707
73.0976	81.8888	82.7478	77.863	76.7886	76.1147
31.4379	31.9229	33.2662	32.6441	34.2574	30.77
0.145065	0.0886301	0.226681	0.137561	0.0959627	0.0188127
8.93505	9.91	9.4119	9.97795	7.35701	9.39168
88.2926	78.899	90.842	99.5008	96.6961	86.3556
0	0	0.025076	0.269975	0	0.150763
4.58871	3.11742	2.29873	3.08413	2.28391	3.33892
1.50488	1.89445	1.53831	1.60818	1.62812	1.80953
10.0769	10.3946	10.8399	10.4417	10.5901	8.75705
5.2409	5.75059	3.71523	6.47053	3.97771	5.61861
35.5159	31.7859	28.1366	30.7778	33.2819	34.5442
0.453233	0.484756	0.408477	0.304555	0.351353	0.599795
0.235264	0.450497	0.424777	0.357553	0.570401	0.427105
10.3986	7.62724	9.56447	9.69676	9.70908	9.14729
0	0.03403	0	0.0325028	0	0.0421356
0.0314099	0.0674667	0.0508137	0.0455895	0.0243494	0
53.749	42.0356	50.0656	46.1185	67.4447	55.5869
5.8627	6.36813	5.61365	5.09105	3.24355	4.95499
4.85733	3.39117	4.32027	4.70982	3.9061	4.55781
0	0	0	0	0	0
7.58686	5.63455	7.65761	7.64308	5.17206	7.44401
39.3971	33.3174	37.8996	43.6902	49.3745	39.5951
24.2075	20.8712	23.1834	20.8644	24.0573	27.7049
3.67236	4.16558	5.20677	4.85107	4.31834	4.98325
0.871336	0.374316	0.704806	0.379406	0.945662	0.564998
136.011	89.8499	108.433	171.667	96.817	165.731
6.46124	5.00189	5.86787	5.72164	6.70861	6.99534
13.8852	12.2661	12.0166	11.7609	12.07	11.1007
40.5358	34.2662	36.543	38.1006	42.1385	37.9553
4.46867	2.58467	1.67613	3.38895	2.18116	2.50534
531.524	540.328	569.75	532.279	502.508	518.286

0	0.451259	0.0955889	0	0.488592	0
0	0	0	0	0	0
0.0500406	0.0537422	0	0.054473	0	0.0811192
9.49835	8.06196	9.03746	9.75759	8.08421	8.53779
0	0	0	0	0	0
0.104904	0	0.339419	0.0761307	0.243969	0.170056
0	0	0	0	0	0
138.91	147.227	171.867	164.697	155.828	172.541
0.0001882	0.382433	3.24E-05	8.63E-06	0.353465	0.117562
0.0538477	0.0771079	0.0871126	0	0.0834872	0.0436454
0	0	0	0	0	0
55.7299	46.7468	52.1827	62.778	56.9488	52.7279
1.22732	1.07845	1.18834	1.37652	0.951436	1.08522
0.29653	0.265387	0.959429	0.968388	0.172406	0.600869
14.7948	14.0524	13.1162	13.6988	12.9877	11.2173
8.16093	6.63022	4.97656	7.24206	6.80179	7.00885
16.4111	17.7347	20.1897	16.2427	17.8503	18.9376
0.0870789	0.0623468	0.158482	0.0315974	0.0337524	0.0352902
1.55971	1.19597	1.10696	1.00046	1.43143	2.0064
13.7403	12.3532	13.5181	14.5994	13.7763	13.8383
0	0	0.0563952	0	0	0
10.2804	8.59842	11.0381	8.93552	8.65596	11.5563
14.6236	13.2673	16.4913	16.9877	16.052	16.1993
10.3805	3.51086	8.14045	9.11078	9.17491	9.28078
17.0736	17.631	11.3386	15.4762	11.8967	12.9054
7.85273	7.33737	8.19215	8.00585	9.71406	7.82576
28.3213	34.1188	31.9781	38.6514	43.011	36.7442
0	0	0	0	0	0
85.2066	95.514	99.3561	83.1566	97.0446	92.6734
2.0298	1.4533	1.20627	1.71357	1.28452	0.8394
105.195	129.507	118.839	117.083	110.047	102.482
0.770733	0.902995	0.821794	1.01697	0.733276	1.05064
0.266048	0.123255	0.177224	0.454296	0.327565	0.418597
0.115827	0.792798	0	1.19216	0	0.993539
0	0	0	0.0460547	0.0139278	0.0655307
26.0626	22.2657	25.2648	27.1613	23.9496	27.5227
0	0	0	0	0	0
58.9344	64.1415	66.7178	70.3418	53.5101	60.5279
4.92443	3.39521	3.02433	2.97812	3.88819	5.35884
0.0312898	0.0522734	0.075929	0.0605534	0.0970252	0.0338152
29.5344	29.1157	26.5909	28.1115	29.281	28.8106
21.4988	20.1311	23.7673	22.1511	18.3055	20.388
9.78368	11.0565	5.80886	8.50756	7.32548	9.47898



2.02969	2.45659	1.5621	1.19584	2.20531	1.89522
2.65315	2.20354	2.14608	1.92544	1.87166	2.12896
0	0	0	0	0	0
0	0	0	0	0	0
5.66199	4.74548	4.75361	5.33087	4.60367	4.86877
0	0.0514244	0.116193	0.0521238	0	0
0	0.132667	1.05032	0.269926	0.28458	0
0	0	0	0	0	0
1.02033	1.47475	0.473563	1.1628	0.725092	1.58369
19.1998	17.5817	21.1868	16.0371	12.8922	20.6171
26.3203	34.8774	34.6735	33.1142	28.8752	29.3056
0.222135	0.151416	0.130665	0.172135	0.0973288	0.153084
0.0898759	0	0.0872386	0.0521797	0.0418039	0.0437085
2.39151	1.23245	3.0262	1.94392	2.24589	2.30616
0.494596	0.590202	0.36673	0.508495	0.191709	0.334072
0.164381	0	0	0.536824	0	0.266473
55.2267	77.0938	52.2606	52.9863	42.5373	49.4063
12.8739	8.84327	13.0128	13.7941	9.09546	12.8975
2.41831	2.03053	1.82275	2.19376	1.77245	2.14722
0.564728	0.981955	0.946223	0.731845	0.437786	0.490426
0	0	0	0	0	0
0	0	0	0	0	0
0.0915059	0.0655165	0.0740173	0	0	0.0741686
0.629117	4.32E-13	5.68E-08	6.32E-07	0.429168	2.28E-06
3.67171	2.78434	2.70699	2.98788	3.08189	3.02572
94.4358	75.0058	95.8343	88.1022	99.4963	90.6267
13.1015	12.9479	13.5517	11.81	11.6183	13.8721
2.62732	3.42631	2.58058	2.92814	1.09111	1.6732
27.1927	26.0787	30.1297	28.7665	30.3689	31.7391
4.42724	2.43832	2.47923	3.11407	1.90084	4.25091
10.8587	8.02055	11.6119	10.1786	12.859	11.5578
0	0	0	0	0.107038	0
0	0	0	0	0	0
0	0	0	0	0	0
9.64848	5.09067	7.05874	7.88192	5.28666	4.91335
35.698	24.9749	26.7798	40.0198	23.3178	22.9484
18.9047	16.1494	16.0729	17.6609	16.1821	16.868
1.82206	2.0371	1.38411	3.221	1.5874	2.76802
0	0	0	0	0	0
0	0	0	0	0	0
0.375575	0.089635	0.612654	1.2737	0.491319	0.613907
2.8511	2.90736	2.46926	3.07229	2.56743	3.36133
1.48414	2.0721	1.98081	1.45404	1.03548	0.962357

0	0	0	0	0	0
0.0657879	0.117757	0.212858	0.14323	0.102	0.15997
8.79119	9.34853	7.11101	7.34905	6.90136	7.17568
22.8979	18.4276	19.5392	24.7296	23.2563	21.6829
2.13071	2.59343	2.27501	1.91741	1.2223	1.58885
0.316315	0.18717	0	0.265602	0.0911948	0.467213
0.224669	0.804294	0.545191	1.14132	0.870834	0.182102
0.0422337	0.0167992	0	0	0	0
0	0.0189221	0	0	0	0
30.2379	25.46	29.7309	28.7925	24.4544	27.0389
2.68317	2.8243	2.44571	3.02256	2.74751	3.84647
0.06632	0.0741936	0.0134112	0.0721945	0.0257062	0
0	0	0	0	0	0
0.0895334	0.0205133	0.0115875	0.146413	0.076868	0.0643337
3.84133	3.27288	4.20776	4.24093	5.16428	3.31652
7.13771	7.5244	0.870379	5.77862	4.11516	6.16329
0.832089	0.0322032	0.472961	0.408185	0.13947	0.200964
0.0370481	0	0.0282386	0.0506707	0	0.0276581
9.35117	7.94958	8.92474	8.09559	5.8551	8.66087
13.6832	10.1679	14.3256	13.2288	9.51198	10.7662
2.99898	2.63091	4.06527	3.7086	3.56872	4.10781
0.509565	0.608065	0.686961	0.616334	0.263348	0.688366
21.4468	30.8469	27.2244	26.9047	23.0016	30.9209
81.6543	88.7956	86.2491	81.2309	86.3588	92.5842
3.79333	3.24749	4.4631	4.29295	3.14665	4.58029
0	0	0	0	0	0
0	0	0	0	0	0
0.131149	0.15024	0.212167	0.342637	0.264338	0.170081
2.19187	2.34571	2.48071	3.48654	2.34831	2.37979
24.5682	20.5986	21.5128	27.1587	27.4865	22.5561
0	0	0	0	0	0
4.16154	4.32271	4.91847	3.9277	3.86128	3.93233
1.6497	2.25157	3.25262	2.5922	2.07817	2.42356
0.357574	0.0959632	0.289113	0.227005	0.173124	0.434558
10.7871	7.10296	10.5476	9.74612	11.7206	10.5691
7.76654	9.25961	6.20018	10.4638	5.26157	7.88237
61.7853	81.9015	89.6226	71.6608	70.9791	65.6722
0.0290256	0.0207817	0	0.126386	0.337516	0.117631
2.92745	2.1341	3.01376	2.85842	2.18688	2.11394
51.3069	47.55	55.3536	53.0557	57.8363	48.4864
0.0786351	0	0	0.0570669	0	0
5.65855	4.57456	4.95169	4.07973	4.72971	5.60273
0	0	0	0	0	0

16.9972	16.5253	14.6998	15.227	12.3973	12.8625
0	0	0	0.108342	0.231555	0.242081
4.19945	4.84011	4.63963	5.67438	4.98646	5.09742
0.230264	0.265133	0.271166	0.345168	0.259881	0.214951
0.831325	0.703433	0.672442	0.932384	0.995977	0.857585
7.60424	4.9633	6.13724	6.77994	6.31841	5.77905
6.71531	8.02055	8.63936	8.46579	4.4446	5.87941
0.0254658	0.0425437	0	0.018481	0.0394829	0.0412817
6.27004	3.76582	5.51727	4.7478	4.77065	5.24015
0.389697	0.435965	0.315218	0	0	0.0789646
23.8747	23.9177	25.3377	21.3009	25.8298	24.5596
1.19295	0.778636	0.967144	1.02315	0.759274	1.4079
0.192062	0.137512	0.0776773	0.0696913	0	0.155672
5.88449	4.06077	5.08085	4.79642	4.36106	4.62035
22.1401	19.1418	21.9981	21.492	22.8619	23.0058
20.8531	18.87	25.4976	24.4193	26.5475	19.6083
0.0381482	0.0273134	0.0308573	0.0553697	0	0.0618409
0.277987	0.199033	0.224858	0	0.2155	0.225318
0	0	0.0758031	0	0.0726483	0
0	0.338062	0.993007	0.0685319	1.46412	0
12.0186	7.22312	7.68153	8.44197	5.92538	7.88498
9.32063	9.21982	8.38247	8.90019	9.98259	8.1014
0	0	0	0	0	0
0.0423761	0	0.0342771	0.184518	0	0
16.9176	20.2646	17.8989	18.2995	15.9323	17.7791
5.35615	3.79187	5.13839	6.12704	4.9988	5.02892
1.177	1.15571	1.14246	1.41548	0.808148	2.1533
7.47274	5.57641	7.0094	6.08508	7.83277	6.48345
13.6036	16.9486	18.3628	15.4185	11.5667	10.97
2.77823	1.57082	2.77527	2.36609	2.63713	2.17122
9.6874	8.57218	12.9394	10.5635	10.4752	10.0264
16.7568	16.374	12.4034	14.0345	9.31366	13.1121
3.6494	2.87981	5.5228	4.22894	6.38088	5.48185
9.32185	7.34169	5.52952	6.4751	5.71233	6.22444
1.05597	0.584225	1.35888	1.25401	1.15349	0.894806
56.0919	45.1877	48.6793	52.3534	53.113	37.7098
2.66663	1.78803	3.38954	0.82938	1.54221	1.06354
6.34663	4.97075	3.993	5.18154	3.21915	3.46537
23.7495	18.4484	20.3522	19.3485	20.3265	19.7205
5.602	4.58391	5.17868	3.56766	4.75635	6.57925
0	0	0	0	0	0
1.8794	1.59398	1.8154	1.92355	1.96497	1.66363
4.78381	3.37288	4.70989	4.8945	5.08642	4.8024

0	0	0	0	0	0
0	0	0	0	0	0
0.338095	0.497259	0.299229	0.338314	0.227577	0.356067
9.45932	7.32298	8.05794	9.16022	8.7767	8.62549
28.9998	29.695	32.4958	30.0447	25.2579	28.9329
2.46257	2.52233	3.66934	2.57401	2.87596	3.24127
62.436	61.8531	61.0123	62.2967	66.2072	61.8636
0.0737326	0.0527912	0.0447306	0.0936409	0.085738	0.134466
6.95284	7.28987	6.87379	7.38901	7.03304	8.41313
38.1268	32.2692	34.2713	35.2552	56.4261	39.3753
130.379	134.523	118.464	120.43	143.873	68.5231
0.129984	0.279199	0.105142	0.330162	0.352681	0.105357
0	0	0	0	0	0
10.3506	6.63293	11.2403	9.62819	11.3488	10.3826
9.75597	10.8676	8.50434	9.74371	6.49829	7.23579
7.93292	6.20697	6.01416	6.33653	5.98895	5.98443
6.0042	5.30414	5.83765	7.31663	3.56638	3.16995
14.3987	11.5682	13.9997	13.2896	15.0673	12.6351
1.69862	1.87715	1.76228	1.82228	1.3168	1.43665
185.561	0	150.096	161.598	172.62	180.484
0.974105	0.61026	0.717582	0.934151	1.26756	0.944634
16.8337	14.5195	15.8347	16.2071	18.1083	15.4909
16.5091	18.1297	21.7261	19.4605	14.4695	14.8269
18.7744	25.6291	18.9033	18.3294	11.2384	17.7617
7.42257	6.4896	6.46127	6.74991	6.85684	7.77529
23.4062	19.0592	20.1936	18.9268	23.2852	13.7912
9.00632	10.3513	10.2086	9.03006	11.8967	10.2295
0	0.163473	0.0349171	0	0.150593	0.0411245
8.02742	6.8821	8.05123	8.33076	7.295	7.78038
22.7763	23.7227	20.409	21.4943	17.5327	21.8636
2.90609	2.76875	3.24899	2.99363	2.89651	3.29872
0	0.201308	0	0	0	0
0.440586	0.0788628	0	0	0.11385	0.158715
25.4627	24.2464	21.2798	23.1184	22.559	17.4518
23.5543	26.2009	24.9851	22.8909	20.6949	20.453
70.024	83.4357	79.0747	81.871	82.4376	49.7849
2.21206	2.07532	1.41909	2.32497	1.00524	2.10208
0.357129	0.986262	0.206339	0.5924	0.0791006	0.496226
3.30333	1.75122	2.62089	3.07193	2.05003	2.1288
10.4409	11.1844	11.0507	11.3365	11.6519	9.76798
0.258951	0.249271	0	0.341094	0.196004	0.211639
8.4032	9.35598	10.1022	8.69994	8.09804	9.31055
8.67337	11.9199	5.71724	6.70832	6.47223	8.5954

5.89962	14.1445	6.80526	11.2916	5.53971	2.37408
0	0	0	0	0	0
0.04803	0	0	0	0.0372336	0.0389299
3.40369	4.32085	7.67826	10.5513	6.40174	3.68449
11.5662	11.9166	9.07722	9.83452	8.96611	8.24124
19.6053	20.8934	20.9546	22.0358	18.4952	18.4106
0.327918	0.281739	0.212197	0.793252	0.152524	0.318946
32.7565	27.9388	32.2669	37.018	33.2822	31.9953
1.87072	1.8639	2.10786	1.53552	2.18033	1.63659
5.41505	3.25335	4.32297	4.56198	3.28524	3.53035
0	0	0	0	0	0
15.6791	15.1686	15.9957	14.7252	13.6267	14.8851
0	0	0	0.0563464	0	0
16.7011	16.3521	16.7176	14.9786	10.7136	13.6722
6.07227	5.92858	6.19548	3.95606	5.40272	4.92178
21.1931	17.6063	23.0604	20.9374	22.4909	25.9341
0	0	0	0	0	0
10.7133	9.36958	8.28237	8.04947	7.37995	7.26639
11.8953	12.5062	13.2174	15.3342	13.0475	12.7116
15.8878	13.7203	15.9783	16.3096	10.9015	15.3796
2.56306	1.72212	2.00268	1.93155	1.24492	3.08164
0	0	0	0	0	0
1.5332	0.764249	1.08319	0.999993	0.692071	1.13259
0.287414	0.174216	0.3204	0.171813	0.0746758	0.49881
0	0	0	0	0	0
2.82	3.31563	3.15321	2.67854	3.90071	2.58823
90.9815	179.625	84.3664	52.4634	53.7909	74.5966
0	0	0	0	0	0
0.0273601	0	0.022131	0	0.0424199	0
358.716	317.608	344.445	382.09	406.998	335.28
40.9825	49.3387	53.3471	45.4251	52.6457	48.8219
0	0	0.0841363	0	0	0
0.508087	0.65185	0.176724	0.815913	0.995929	0.326928
0.0433528	0	0.0175336	0	0	0
1.10983	0.794617	1.25681	2.41627	0.860357	0.899554
16.4408	26.1769	40.6812	28.5309	23.4427	26.7778
0	0	0.0609273	0.0273316	0	0
5.20659	3.81452	5.38681	5.97533	4.50556	6.47739
0	0	0	0	0	0
3.45991	2.62164	2.761	3.02885	3.19935	3.28206
0	0	0.164684	0	0	0
0	0	0	0	0	0
7.40655	5.08717	5.56655	5.97992	5.64783	4.08435

17.6973	15.6471	17.7341	18.4693	24.3383	18.4812
35.393	39.4856	67.8697	32.8263	50.0847	39.5068
4.93737	5.21054	3.43212	3.44317	3.56837	4.36666
36.0771	41.0945	36.3289	30.1982	33.7847	38.247
1.67923	0.841605	2.3091	1.94983	1.17159	0.816641
12.8683	11.734	12.7227	11.6987	11.2277	12.0071
2.151	1.2841	1.12765	1.08639	0.781861	1.27992
0	0	0	0	0	0
197.397	235.444	262.877	229.685	276.645	236.567
0	0	0	0.228413	0.487984	0
235.288	225.131	226.467	255.968	246.17	200.62
0	0	0	0	0	0
0.0449029	0.0321497	0.0363211	0.0325869	0	0.145581
1.47682	1.22324	2.8108	1.66023	1.43668	2.18285
2.32778	1.98793	2.12393	2.23631	1.85345	2.43515
0.186417	0.337849	0.53791	0.152197	0.295049	0.472334
1.71099	1.37548	1.09262	1.85165	1.44273	1.33815
22.9358	23.1139	23.1311	23.876	22.1565	22.1782
10.8429	12.4652	11.3315	13.1058	11.2737	8.4111
5.12483	4.54022	2.6039	4.84501	3.75861	4.2384
0.576996	0.495742	0.591179	0.586231	0.626215	0.311783
0.360374	1.23E-47	0.131478	0.170018	8.77E-37	3.01E-32
14.855	13.6351	14.2585	15.0946	11.5815	13.6204
6.43182	5.12313	6.11302	5.43785	6.86828	5.96912
3.42083	2.01764	2.91797	2.61103	2.62963	3.46297
100.946	72.3961	0.351281	93.8143	83.3088	103.544
0	0	0	0	0	0
16.9463	29.6589	27.5842	18.5991	27.5715	20.5185
26.9297	27.9916	32.4701	13.7381	18.6033	26.4266
215.094	193.452	138.957	174.425	159.039	185.242
9.50503	13.568	8.51046	7.67887	7.92455	7.36497
21.8244	18.8294	15.1728	17.8319	16.1229	14.7905
0.0301396	0.115091	0.175532	0.0874917	0.0233647	0
1301.69	1253.45	1314.85	1227.34	1419.83	1211.35
15.3669	12.6282	18.4955	17.2455	19.7726	15.6228
0.170991	0.088419	0.215151	0.0344698	0.0810058	0.100096
0.310169	0.137915	0.292419	0.237436	0.266448	0.118645
0	0	0	0	0	0
22.2991	17.7636	25.2295	25.2092	22.5233	24.3052
17.4534	25.2377	23.055	23.7004	19.5183	33.2464
9.52775	11.4399	7.87731	7.58755	5.94807	8.57683
7.0984	6.14239	11.8092	5.183	12.3643	12.5923
1.61978	1.42974	1.99814	1.84202	1.81089	2.0976

9.78329	8.41815	9.84752	10.9444	9.04658	10.3566
20.9375	17.6287	19.9888	20.2814	23.6152	20.321
46.1452	39.2842	42.6853	44.4808	51.8057	46.5523
0	0	0	0	0	0
219.898	217.629	346.508	220.035	222.508	205.109
4.05455	3.6198	3.62506	3.01616	2.99392	3.1396
0.495643	0.506958	0.458189	0.334004	0.411675	0.516517
17.8049	14.673	16.4002	17.5327	20.4372	14.7758
3.87512	2.88699	2.13909	2.69823	3.20703	1.14601
0	0	0	0	0	0
994.712	1275.42	1581.23	2140.14	1244.29	1594.86
14.3491	11.7066	8.89022	11.7674	15.8308	10.0357
0	0	0	0	0	0
0.365756	0.192041	0.216959	0.274901	0.210029	0.238952
5.00202	4.94191	5.29275	5.87065	5.22734	6.20926
0.756161	0.257808	0.757273	0.705548	0.139569	0.408596
2.14032	1.42999	1.18605	1.65711	1.41322	2.35912
0.961526	0.803173	0.691341	0.581497	1.14569	0.736052
0.825156	0.516946	0	0.0748538	0.159918	0.0836021
0	0	0	0	0	0
0.313923	0.275845	0.248155	0.238175	0.204642	0.277576
0.522681	0.413703	0.581715	0.539886	0.256883	0.270156
8.45845	9.48375	10.9389	9.87254	10.6588	8.64422
34.0536	31.6776	41.3529	36.9086	46.1233	39.6893
1.59E-14	0.0339918	0.0598811	1.54E-16	0.035872	3.43E-30
9.53731	5.84375	8.55813	6.20842	10.5102	6.78699
47.875	45.9798	50.098	55.6618	63.262	48.9644
3.32245	3.65562	3.3725	3.67435	2.19419	4.16578
0	0	0	0	0	0
128.601	128.272	145.797	142.831	150.004	154.77
19.5291	22.6229	25.5717	20.2959	22.4759	22.0591
5.7696	2.31789	4.08611	2.94205	1.4857	0.903492
5.5476	3.83148	3.68785	4.60114	7.83321	4.49652
0.133645	0.13157	0.135128	0.084865	0.103604	0.216648
59.8397	56.7194	64.4165	59.1415	61.937	62.9256
14.4004	14.4014	13.5924	14.1244	9.82473	10.8184
4.38904	3.55661	4.40894	4.57441	4.74768	4.43145
20.9664	16.7766	18.519	21.0256	22.7624	21.6035
21.4976	17.5361	17.4351	20.6229	23.0795	20.8591
0	0.0660901	0	0	0	0
3.0888	2.28332	2.77425	3.34777	2.85903	3.01968
16.0467	11.3826	14.3039	14.9032	16.035	16.3635
4.33462	4.08392	3.73834	4.7514	1.70381	1.90603

7.49924	7.5287	6.73464	7.87843	6.94528	6.51222
0.703672	0.337547	0.567759	0.389577	0.600256	0.65194
2.07221	2.51641	2.67859	2.10833	1.96864	2.23946
0	0	0	0	0	0
6.98097	6.2573	6.76749	7.33501	4.62682	6.49337
4.01295	5.92596	5.07186	4.00437	3.20811	4.67565
0.311057	0.148474	0.167738	0.150493	0.0803787	0.0840407
6.69975	3.73092	4.05078	5.1568	3.25265	4.11392
0	0.113427	0.213574	0.0383232	0	0
63.2883	53.8181	49.4457	65.6895	71.0967	57.5805
0	0	0	0	0	0
0	0	0	0	0	0
7.16249	4.84449	6.91844	5.95756	6.01035	7.46586
0	0.294793	0	0	0	0
0	0	0	0	0	0
6.20087	5.68529	6.32703	5.60165	4.69072	6.29827
12.2906	12.696	14.0415	13.2119	10.3915	9.82013
19.5342	20.8654	19.0243	20.9363	19.5592	20.054
0.0885877	0.0908143	0.138727	0.124465	0.0642138	0.078679
0.608952	0.926496	0.820948	1.3442	0.334382	0.534707
3.36466	2.9781	4.26457	5.65266	3.47094	4.27329
2.00E-248	0.0951391	0.0732873	1.92E-254	0.035003	0.0351393
1.54792	1.24866	1.25208	1.07842	1.79995	1.20445
10.5116	9.79366	10.566	9.8553	9.63904	11.4166
7.84726	5.3064	7.20949	6.2574	4.54379	6.75314
10.724	7.44781	8.84789	9.378	9.63521	9.65696
0.150629	0.0239618	0.108298	0.414612	0.103791	0.108519
1.5908	0.37931	0.834885	0.98294	0.840353	0.766942
10.0801	13.19	9.45399	11.1937	9.59944	16.4815
21.0933	17.191	19.1946	23.1245	24.4408	21.4619
115.858	131.326	111.718	111.586	103.599	118.752
1.38378	1.23778	1.45437	1.4557	1.20132	1.57018
0	0	0	0	0	0
0.16288	0.241352	6.31E-09	3.14E-09	9.56E-10	1.25E-08
9.28261	7.30192	9.12475	8.64485	9.36287	9.30735
53.2439	51.4149	60.2301	58.8173	61.1621	63.2665
84.4467	63.3632	74.3605	85.5609	98.267	63.1004
11.424	7.48159	11.6605	11.7686	12.6047	11.6705
2.16652	1.52907	1.27015	1.43526	1.54085	1.84464
10.0758	5.04031	5.79488	7.6815	5.80085	5.94294
6.77367	5.35196	6.83834	6.33353	5.55216	6.08017
4.83466	4.34387	2.07035	1.99508	2.13116	2.22825
0	0	0.0496224	0	0	0



0	0	0	0	0	0
0	0	0	0	0	0
0.402966	0.20983	0.385215	0.505123	0.34143	0.415695
1.22543	0.791087	1.02373	0.918477	1.10571	1.30263
1.59647	1.26917	1.28688	0.769719	1.78433	1.86562
26.7525	28.2939	30.6443	25.4297	22.6834	27.7584
0.06718	0.016878	0.0911142	0	0.14523	0
18.5314	68.5038	17.1485	17.3223	22.0562	18.857
8.63641	8.71773	6.58499	10.2234	9.21945	9.23793
0	0	0	0	0	0
24.9047	24.5802	31.1896	31.2399	25.9037	25.2774
30.1559	21.4972	27.2467	28.0591	30.7665	29.388
0	0	0	0	0	0
21.1538	22.8209	23.5419	22.5089	25.6092	21.8523
0	0	0	0	0	0
0.180826	0.144499	0.345666	0.27024	0	0.761708
0.23036	0.376991	1.17124	0.573177	0.306135	0.133368
0	763.075	0	0	0	0
0	0	0	0.0208025	0	0.0697013
47.8526	44.2572	46.2849	51.7246	60.6638	48.0918
0.0959166	0.0686744	0.0193958	0.176199	0.0836511	0.103659
8.29133	5.82621	7.41828	7.67708	6.10363	6.20345
23.7086	33.6028	38.7305	33.0257	26.5154	24.4527
0.328902	0.117744	0.0665106	0.258581	0.148733	0.0444311
0	0	0.0431387	0	0.0206717	0
20.8209	17.4557	18.3243	17.9413	18.469	23.6593
0.737175	0.688439	1.08887	0.674541	0.894473	0.67544
22.0728	29.5301	22.8357	21.7519	23.608	24.6727
33.7845	51.0122	42.8188	38.3525	33.0537	26.8056
8.10556	8.56873	12.1916	5.78844	10.3227	10.7152
1.09485	0.408855	0.991706	0.867668	0.444676	0.639319
20.0595	24.3581	20.7477	22.3932	18.822	22.5671
0	0	0	0	0	0
0	0	0	0	0.00441748	0
4.92443	7.16641	4.52487	4.91378	10.7261	3.75272
0	0	0	0	0.053442	0
92.6186	112.893	119.091	100.586	106.325	98.5442
0	0	0	0	0	0
20.5391	16.4766	19.0055	20.5351	18.0204	20.4299
15.8194	13.9249	16.5082	13.7753	13.5282	14.5976
159.5	140.963	132.286	129.735	193.528	63.908
1.09695	1.0472	0.788713	0.707624	0.94486	0.790326
0.306887	0	0	0	0	0

13.9969	12.3133	14.4664	15.4863	11.9138	14.3107
3.41277	3.36885	3.32307	3.38613	3.52113	3.68484
2.83177	2.37365	1.28495	2.40593	1.17793	2.51917
18.3535	14.6908	16.7676	14.6865	20.1992	12.5953
1.53395	1.36615	1.60393	1.62909	1.04412	1.18267
7.2154	8.80582	6.58067	6.29208	5.2107	5.86647
8.47347	6.30633	8.71182	8.36636	9.35185	8.42238
0	0	0	0	0	0
0	0	0	0	0	0
0	0.097577	0.146984	0.0989041	0	0.036821
39.2096	53.9798	47.7037	40.3114	45.0955	45.9126
0.084006	0.120293	0.135901	0.182894	0.260491	0
0.167138	0.156367	0.155745	0.544164	0.41578	0.413117
110.999	135.366	124.742	135.636	138.601	117.529
1.50127	1.50483	0.797997	1.12062	0.332516	0.521497
13.404	9.93646	13.0918	12.5134	12.5858	14.678
28.0769	26.6878	28.5225	24.9984	25.8541	21.8073
11.3138	21.9342	17.5091	18.8957	15.1384	9.88209
0.966779	0.561473	0.490124	0.758409	0.746085	0.46775
0	0	0	0	0	0
0	0	0	0	0	0
26.2504	21.7577	30.7614	31.4574	36.9406	33.6431
22.6611	18.861	22.8165	22.4359	25.2552	23.9799
0.111581	0	0	0.0202438	0.0864991	0.09044
11.5093	8.70083	10.404	11.0684	11.0554	11.4737
3.30493	2.83729	2.72397	3.0009	3.14487	2.98345
3.01993	1.95898	2.29246	1.75819	2.24156	2.60679
0.272394	0.148783	0.131241	0.0816832	0.101424	0.082479
44.6346	72.6266	51.0644	93.784	132.707	62.5162
7.06826	3.6945	3.95782	5.32665	2.89841	4.80864
0.17532	0.161391	0.182331	0.199938	0.213575	0.629314
209.021	231.476	233.745	226.624	213.2	193.757
0.375253	0.343067	0.450728	0.340175	0.302271	0.35477
4.03485	3.45609	3.99394	3.48973	2.79938	3.59891
0.115008	0.190334	0.110255	0.0989214	0.206081	0.131456
0.089002	0.148689	0.161743	0.0645904	0.0229986	0.0721391
8.33183	6.62825	9.3329	8.62068	7.64228	7.51561
33.1773	28.9697	29.5721	27.0483	28.6087	23.8754
0.533853	0.955571	0.215911	0.387426	0.620776	1.94717
1.25869	0.747197	0.979468	1.41643	1.08074	1.26558
0.933664	1.32875	1.31003	1.50079	1.19054	1.47497
0	0	0	0	0	0
1.5873	0.837204	0.933712	0.994336	1.27573	1.7209

0.665983	0.476831	0.404025	0.362487	0.12907	0.404851
11.6803	10.0573	11.7017	9.94878	8.98028	10.4719
241.014	232.624	262.34	273.306	277.098	249.513
0	0	0	0	0	0
20.468	22.7475	24.1172	22.0588	28.3109	25.0026
10.4646	11.3622	16.6501	11.3915	17.1161	15.6589
5.10287	3.33306	2.7613	6.67047	3.29276	3.51812
9.05267	7.65857	9.32761	7.58857	6.8554	10.7172
12.0776	10.9315	9.96865	9.47896	10.0045	7.63856
12.2987	13.0833	14.8334	18.7821	10.2504	17.4428
0.674389	0.240137	0.39534	0.634474	0.0899428	0.521338
94.6519	95.2901	81.7412	106.004	91.7083	68.8158
0.738673	0.132219	0.485467	0.502564	0.429473	0.486459
22.8536	20.108	20.1261	20.6199	20.0139	20.4781
0.227469	0.451575	0.17327	0.286995	0.266188	0.27317
6.03329	5.08722	5.83633	5.21842	5.33771	5.57103
10.88	8.74061	9.50513	10.2376	10.316	10.7513
63.0496	72.7367	76.9045	62.2465	64.0021	67.4155
0.311316	0.133738	0.0503635	0.293706	0.0724012	0.176633
0	0	0	0	0	0
111.131	119.488	128.389	137.344	122.267	117.749
22.61	21.2745	24.8607	21.2849	20.4517	23.286
8.38582	6.81773	7.51215	6.85357	6.91092	9.21087
2.74406	1.7282	2.0552	2.32331	1.93027	1.91524
10.2816	25.5493	38.9804	14.5115	13.8713	11.8377
0	0	0	0	0	0
6.30975	8.67703	6.39739	4.66595	4.52034	5.51106
13.4704	12.3435	11.0879	12.9897	9.84986	12.1575
45.196	39.0516	47.516	50.1439	53.839	45.7911
0.939402	0.751723	0.804561	1.12287	0.685402	0.940574
10.5641	9.82078	9.98281	9.66228	8.63141	10.3566
0.61932	0.965674	0.936311	0.713416	0.856487	0.445451
3.36937	1.59783	2.05291	2.22292	1.28903	2.30538
34.1333	38.6322	40.1696	42.521	33.7774	55.113
13.5076	11.9491	12.2215	11.2302	11.1726	10.9842
15.4714	20.515	12.6647	17.0214	11.7058	13.142
0	0	0	0	0	0
10.0785	8.92239	10.8991	11.022	10.2885	10.3406
8.70759	5.47326	6.4561	6.5639	6.68191	7.85227
74.6921	22.6021	25.3827	17.9321	131.61	13.4027
0	0.070032	0.0791187	0.0709845	0.0758259	0
15.952	13.1202	18.3228	16.8716	15.2993	17.6078
1.68499	1.36945	0.773569	1.45417	1.41214	0.996622

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.453259	0.185443	0.188553	0.42292	0.170667	0.482844
0.0152143	0.0108932	0.0123066	0	0.0235887	0
1.4614	9.98775	0.537318	0.38566	2.36879	1.2922
1591.52	1497.75	1562.97	1775.65	1839.98	1752.77
0	0	0	0	0	0
0	0	0	0	0	0
248.163	245.234	373.189	351.949	305.392	354.06
0.0412978	0	0	0.0599411	0	0
53.9834	43.0276	57.569	54.9036	65.6778	51.745
6.97164	4.26711	5.24505	5.87695	4.55545	5.854
1115.23	1422.22	1327.92	1064.19	1331.05	1171.59
59.8997	58.1815	56.6926	66.7844	50.0506	55.6047
16.5419	19.1335	13.4414	13.7379	13.4861	26.2246
1475.61	1495.4	1470.97	1452.29	1456.74	1343.63
40.6403	42.2187	41.3467	42.533	39.529	31.5923
2.14354	2.13157	1.73387	1.7803	2.38178	3.95744
0.0301153	0.0431239	0.0487193	0.0218552	0.0466917	0
15.3218	18.188	19.586	17.1768	15.6148	18.5476
5.78721	6.16785	4.9313	4.5846	2.73975	5.94398
0	0	0	0	0	0
0.794244	0.595269	0.432206	0.49984	0.643863	0.556536
0.513671	0.394457	0.601777	0.630856	0.527647	0.383385
0	0	0	0	0	0
0	0.487054	0.183446	0.658241	0.175791	0.367619
11.3339	10.0289	9.63895	9.42612	6.33799	8.11273
0	0	0	0	0	0
2.98327	3.55069	3.32194	3.26158	2.68811	2.38664
27.0781	24.8168	24.1765	24.7066	25.959	23.6183
4.32457	3.63501	3.84472	3.03475	2.83903	3.84205
13.2951	9.03444	10.3332	10.8805	9.34977	10.1589
0	0	0	0	0.12849	0
10.2703	15.1598	14.2044	12.759	14.9664	13.0317
0	0	0	0	0	0
0	0	0	0	0	0
129.724	138.77	139.027	139.534	137.354	128.48
13.0204	10.7029	7.29609	9.07445	7.31927	6.98825
5.33848	5.70887	6.86481	4.79312	4.66905	5.96352
25.7377	20.3281	21.6734	24.4845	20.3618	20.5248
1.42774	0.877769	0.828325	0.800334	0.559665	1.3042
22.4116	18.8185	19.6065	19.3989	35.1325	15.0741

2.46817	2.74892	2.9725	2.06983	3.1039	2.17836
8.86472	6.56465	8.70842	6.88651	7.43944	8.35289
6.50187	6.29816	6.47086	6.22191	6.42391	6.04494
0.476181	0.433919	0.840378	0.644023	0.402701	0.701747
0.824004	1.99115	1.41636	1.27074	1.03802	1.50274
27.0815	29.8818	29.9412	26.438	28.7362	27.0693
35.0002	34.8801	42.2114	40.0646	33.3252	38.4002
5.63015	4.46117	5.01174	4.54591	3.76597	5.55096
3.81105	4.11608	2.50822	2.76574	2.70401	2.98427
187.717	236.072	203.626	207.617	198.419	193.074
0.928088	0.706024	0.586493	0.926104	0.427184	0.658216
723.583	791.549	769.008	716.515	734.292	663.603
0.258864	0.463355	0.279187	0.375725	0.267568	0.31582
0.0564855	0	0.41121	0.16397	0.0437885	0.0915669
1.3165	1.62721	0.763284	0.694343	1.06662	0.516135
2.16548	1.27237	1.61834	1.47758	1.41413	1.38317
4.90541	5.91292	3.86744	3.7402	2.31053	2.36547
0.572263	0.375585	0.154297	0.830603	0.443627	0.309226
3.12909	4.08061	3.54796	2.81825	2.46903	2.85325
0	0	0	0.0742861	0	0
7.01741	10.156	1.9195	5.42101	4.24096	2.88707
23.0852	23.5673	26.0572	24.0789	25.9594	27.9247
2.00793	1.04112	1.43755	1.60794	1.50296	1.6462
0	0	0	0	0	0.495425
16.3757	10.6912	13.5204	11.1629	13.6854	14.539
0	0	0	0	0	0
0	0	0	0	0	0
1.04683	0.749509	0.483862	0.434115	0.347793	0.363638
24.362	27.1005	25.7116	23.3583	24.8736	28.0689
30.2325	55.1176	41.9842	51.255	40.1393	41.1898
0	0	0	0	0	0
0.729814	0.522533	0.737914	0.397229	0.707204	0.33274
3.42641	2.6698	3.23833	3.13767	2.88066	3.44811
2.75119	2.0474	3.15895	2.83417	2.82077	3.05873
0.178376	0.0957853	0	0	0	0.0932975
1.2274	1.01061	1.07555	1.27673	1.55411	0.928523
12.0987	9.54856	7.24828	8.6798	6.69678	4.82292
0	0	0.0190196	0.0170642	0.0182281	0.0190585
22.8152	16.8267	19.9132	21.7296	21.5747	18.8354
0.0948399	0.271897	0.0958926	0.275595	0.165423	0.0576532
1.03447	2.98653	1.07969	0.702298	0.569116	1.67694
0	0	0	0	0	0
0	0	0	0	0	0

36.4236	39.051	41.6925	34.3517	33.3411	33.5986
0.15783	0.283491	0.194532	0.161072	0.319792	0.250228
10.0124	6.7567	6.33013	11.6092	14.6314	13.3857
76.485	72.293	90.8738	63.826	39.7769	55.4226
0	0	0	0	0.0160316	0
19.02	16.9627	16.6024	20.1796	20.2213	22.0199
8.56866	6.78885	7.45618	6.85011	6.55406	7.52925
20.3335	20.2965	21.5848	19.2708	17.3834	20.3734
0.614705	1.02694	0.607716	0.446102	0.741267	0.719679
0.28945	0.460345	0.185105	0.419737	0.228827	0.280791
12.0352	10.9261	10.9157	9.59043	9.53312	11.3878
47.3581	58.6954	49.5648	51.4824	52.1917	45.6658
25.8773	65.3536	56.4233	53.1768	101.569	72.5126
20.5644	18.1714	21.0875	20.4953	21.9743	22.8241
0.0399781	0	0	0.0145022	0	0
23.6449	24.1555	22.8898	20.3592	21.6548	21.0844
12.2544	10.7151	11.813	10.7821	14.7121	10.7237
0.268336	0.168037	0.980434	0.438623	0.831991	0.568511
0	0	0	0	0	0
11.3618	15.4063	19.5969	12.2132	14.1381	15.551
0	0	0	0	0	0
12.3098	10.8515	10.759	11.2547	9.14038	10.4885
4.43211	3.41961	3.47043	3.93612	3.59272	3.83842
8.00236	7.63939	9.18543	9.51317	9.86661	6.6468
0	0	0	0.0742313	0	0.0829068
0	0.0407231	0.0920139	0.0412769	0.0881844	0.046101
27.0277	26.9808	25.0816	28.4866	28.9418	25.8821
0	0	0.0642914	0	0	0
810.961	707.162	775.706	815.977	874.669	806.479
0.0809645	0.115938	0	0.0587574	0	0.0656245
0	0	0	0	0	0
0.589629	0.24946	0.325186	0.641856	0.353205	0.434467
0	0	0	0	0	0
7.54616	5.28947	5.31767	6.08609	5.67929	5.42365
64.5488	55.5744	60.6996	67.1993	74.7199	56.0444
12.905	10.6635	9.09273	7.95174	6.82673	8.32189
0	0	0	0	0	0
7.51081	5.54615	5.01604	5.70866	5.75757	8.97993
12.4811	9.97532	9.03918	10.7429	9.78805	13.5277
15.7329	14.6254	14.6403	16.4089	16.5663	16.2689
16.6039	11.3822	15.488	14.7331	26.017	24.3389
4.55576	4.33059	3.91225	3.83875	4.36271	5.68799
0.103579	0	0	0	0	0.167908

1.69136	1.65273	1.54051	1.74469	0.99809	1.41407
0.330621	0.315954	0.401149	0.340224	0.470143	0.468965
0	0	0	0	0	0
24.7729	2.67148	24.652	2.77542	23.6897	1.63937
23.1359	20.1857	22.116	20.1798	26.8043	16.2558
1.17E-08	6.26E-09	1.53E-09	3.79E-12	7.27E-24	1.19E-20
0	0	0.0653604	0	0	0
33.4239	31.3347	28.9786	33.5845	30.9274	30.6421
2.7568	3.56179	0.871638	1.50149	1.84083	2.48236
0.247787	0.236548	0.0668099	0.299706	0.128059	0.0669465
0.800794	0.652904	0.404841	0.36776	0.271595	0.365102
11.1875	9.02898	9.01742	10.0707	11.1202	9.65205
1.73306	1.30978	1.01244	1.25772	0.746388	1.09255
23.2227	23.9244	24.7953	24.9401	20.8084	22.3885
0.562906	0.598477	0.605365	0.3274	0.288532	0.477452
0.406069	0	0.164231	0.147346	0.314791	0
1.52339	0.884171	1.41579	1.31961	1.15381	0.882061
4.20738	3.42166	3.7491	3.61415	2.70699	3.64016
5.99384	6.88212	6.92143	6.66993	5.90873	6.25024
0	0	0	0	0.134776	0
0	0.109287	0	0	0	0
0.596444	0.244024	0.578941	0.494685	0.779428	0.663
0	0	0	0	0	0
0.587406	1.1776	0.918606	0.937841	0.607155	1.46008
0.223468	0.159998	0.0903792	0.0810872	0.0866177	0.271692
0.710689	2.03673	0.909939	0.866307	0.553097	0.695196
19.9293	24.4673	23.7165	22.3341	22.8942	21.4954
3.81266	3.7868	3.09482	2.69907	4.78863	3.95467
83.4029	70.1326	85.9101	70.4314	111.877	53.313
6.40881	6.85523	6.7782	6.64026	6.1117	6.20416
12.697	15.0418	16.0508	11.6611	12.7492	11.2978
2.89419	4.14343	3.43196	3.05441	3.44623	3.29671
FPKM	FPKM	FPKM	FPKM	FPKM	FPKM
18.5417	19.318	19.0554	18.6814	14.9662	16.5516
5.05553	4.60127	4.40122	5.2546	4.6166	4.30604
0.14284	0.0508392	0.329177	0.0518307	0.110732	0.079744
0.714697	1.00008	1.04991	0.704008	0.882768	0.904235
5.30079	4.22153	4.8662	4.12563	3.75194	4.03184
0	0	0	0	0	0
3.93533	3.49171	4.02966	4.04596	4.24285	4.49164
14.2285	10.9476	12.139	11.9029	12.2704	13.7359
4.81939	6.54539	4.34586	3.77671	3.6362	3.8432
9.36134	6.47912	3.18032	5.88787	6.77325	7.58768

0	0	0	0	0	0
10.698	10.3863	8.86781	9.44126	6.9	9.91416
6.83333	4.40097	3.9684	5.65946	4.12379	4.31167
10.6199	7.84154	9.07853	9.15259	7.97298	10.0424
6.41914	5.94106	6.45865	6.9909	5.52235	6.03732
4.01E-08	6.68E-08	3.91E-07	5.67E-08	3.69E-08	1.84E-08
31.392	31.5835	29.8998	29.1971	28.0674	27.88
304.758	270.004	294.794	285.613	234.378	279.449
12.1635	11.2372	9.20407	11.7223	8.31406	10.124
0.278206	0.302364	3.92E-05	0.362394	1.45119	0.0657498
2.68573	2.24783	2.8543	2.9616	2.4204	2.21303
38.6239	52.365	47.9837	46.4146	39.8804	46.5994
2.08134	1.36062	0.867918	1.82006	1.77383	1.91751
0.851987	0.457505	0.689155	0.772878	0.495355	0.0863205
79.43	73.8433	80.3946	82.2952	75.1839	75.359
0.311728	0	0.126075	0	0	0.378999
5.32595	7.38315	4.90385	4.60527	4.61191	5.78643
1.85942	1.4821	1.47306	1.45768	1.24798	1.47846
42.6236	50.0876	42.8724	51.1713	47.7827	54.2835
15.0321	14.2313	13.1372	14.1194	12.1086	13.386
31.8785	28.9171	27.5067	29.3337	37.5313	26.2566
0.100065	0.0716443	0.0539601	0.0484124	0.0775716	0.0540705
17.3494	18.3897	19.4343	16.7432	12.8123	18.9621
0.874424	0.834761	0.736775	0.819672	0.875578	0.974531
3.43978	2.08892	2.60032	2.67134	2.19437	2.79172
6.41266	6.2581	5.10892	5.40984	4.46314	4.50969
2.74181	2.42066	2.65061	2.87891	3.10545	2.65681
19.7589	21.3915	22.477	19.7546	19.6674	22.3537
17.4586	19.1563	18.8586	19.1138	15.7301	14.5923
0	0	0	0	0	0
31.8005	27.5423	30.7156	32.9067	33.4955	32.615
8.86064	7.13121	8.14453	8.70543	8.49752	8.56704
0	0.0813542	0	0	0	0
16.3596	11.598	13.2474	12.1579	12.9594	13.8687
7.13613	6.21321	6.03557	6.78236	3.23309	5.86847
2023.05	1986.27	2124.12	2096.57	2122.3	1902.52
7.54893	5.12418	8.96101	4.80249	6.34605	6.35711
8.39803	7.10433	10.2219	10.2774	11.1235	11.9879
4.41433	3.71181	4.17304	4.27663	4.63525	4.83768
0.0355007	0.0254178	0.114863	0.0652139	0.0550414	0.0863236
6.32333	4.42903	4.92308	6.97978	4.78935	5.53129
0.607433	0.28994	0.16378	0.440825	0.313927	0.164115
4.11598	3.24421	5.14378	3.54387	3.89027	4.42888



205.468	158.248	256.577	183.29	328.235	110.877
15.4905	15.5349	10.5002	11.6024	8.0958	10.2501
84.1958	72.8892	82.0048	83.2479	95.1921	82.6665
0.0277278	0.0595577	0.0448569	0.0201225	0.021495	0
8.35904	6.18651	7.94293	6.28342	5.86616	6.73249
1.49594	1.21372	1.43498	1.55812	2.13964	0.902193
136.732	161.408	161.927	154.897	171.485	178.979
16.172	14.095	15.611	15.4607	14.8709	14.4093
268.582	213.827	244.61	268.624	231.041	248.66
2.4166	3.10578	3.25464	3.02525	1.33947	3.28088
0	0	0	0	0	0
0.617346	0.267923	2.62849	1.26551	1.36941	0.472827
4.00885	2.72265	4.26181	3.44128	4.04892	2.9708
4.43454	3.17504	3.07458	3.67797	3.11032	2.05391
8.15631	8.05401	8.98906	8.68147	8.40419	8.12598
0.851453	1.13516	1.3537	1.06537	0.933188	0.856715
74.7282	80.2329	70.5119	79.7494	86.6234	78.1562
35.6781	38.8694	38.5484	34.6971	36.0274	35.5437
0	0	0	0	0	0
0.895986	1.20118	0.454428	0.650233	0.983034	1.36531
84.3259	75.733	90.7335	96.38	101.359	70.7825
6.07644	7.53942	7.95913	8.19317	6.71789	6.88403
0	0	0	0	0	0
0	0	0	0.178083	0	0
16.608	11.5791	14.1248	13.831	16.6765	13.8209
5.3913	6.76305	6.94072	5.63432	5.41453	9.3702
16.2178	14.0924	14.7921	16.9733	17.7206	14.1202
0.0188983	0	0.010191	0.0428588	0	0
10.9356	11.5229	9.79358	8.67289	8.55423	10.6565
38.5486	63.0852	52.7372	40.2902	31.7818	35.6177
36.2701	42.6628	39.5581	42.5749	36.4484	40.7736
4.96653	9.01956	5.65621	7.2083	5.05127	5.2527
49.8087	54.4351	62.0536	56.181	53.8683	60.4836
1.70391	1.1686	1.52334	1.5099	1.94658	2.25333
50.392	53.214	51.2445	53.7727	43.251	50.7042
0.334307	0.159572	0.0450691	0.363919	0.0431934	0.0903224
10.9418	8.86469	8.85993	8.98116	7.43753	6.79868
14.5343	13.9017	12.2073	14.2735	17.0391	14.5812
4.01158	3.12639	2.64186	3.43943	2.57319	3.26591
0	0	0	0	0	0
5.40E-14	1.30919	1.23724	0.850626	1.67E-08	6.74E-10
22.2669	31.7737	11.0256	17.5942	23.5937	5.73491
1.20024	0.759495	0.873363	0.947189	0.963241	1.08733

0	0	0	0	0	0
11.1604	10.4678	14.6245	10.5291	8.73826	9.36251
1.53644	1.49161	1.44642	1.61269	1.1507	1.81524
0	0	0	0.168166	0	0
1.25564	1.09242	1.70901	1.50784	1.63211	1.74257
6.61949	5.12262	6.57905	6.79529	5.40995	7.27743
3.59162	2.90695	3.59991	3.532	3.38956	3.75493
0	0	0	0	0.103363	0
6.24601	3.19821	4.02106	4.79592	3.22433	3.79788
0.0753435	0	0	0.164034	0.0584075	0
4.72709	3.69624	4.22613	3.38539	4.05025	3.2265
0	0	0	0	0	0
5.62779	4.60399	6.44887	5.36253	5.08233	5.87991
11.2489	10.1891	8.22881	10.15	11.6656	9.32188
0	0	0	0	0	0
2.49581	3.02602	2.63634	2.22211	2.0969	1.73423
0.368896	0.132061	0.387911	0.348029	0.200182	0.0598006
3.6648	3.34339	3.10782	3.17438	3.52896	2.2997
4.94596	3.71828	3.56728	4.63627	4.0898	5.17812
127.144	120.834	75.8094	83.5545	60.1005	38.7544
37.1486	42.1566	43.8098	40.1738	41.6259	40.9369
0	0	0	0	0	0
12.5987	12.4641	15.2463	11.9472	14.329	13.1048
0	0	0	0	0	0
4.45057	3.28756	3.81213	3.16227	4.22546	3.66357
9.19054	6.41701	8.59738	8.03484	8.40286	9.06937
215.535	234.943	222.997	225.093	251.651	165.919
0	0	0	0	0	0
29.9893	30.1961	29.8652	33.0668	30.6346	32.6986
0.0985968	0.705934	0.319012	0.500874	0.229301	0.319664
0.0664547	0	0.215017	0.0482274	0	0.0538638
31.676	34.4424	43.1094	31.8477	32.1335	37.3751
0.0888593	0.244941	0	0.192216	0.205326	0.649417
15.8231	14.7073	15.6431	16.882	13.6317	13.7576
3.25719	2.35185	1.98717	2.24361	1.64769	2.64006
0	0.225348	0	0	0	0
9.55369	9.42606	10.158	9.07573	9.54031	8.26543
7.96929	6.91133	7.71728	6.2722	7.48312	5.82254
36.3355	40.1126	35.9359	38.7755	37.7353	32.8375
0	0	0.144547	0	0	0
1.59095	4.17665	1.57286	3.46374	1.64443	1.28952
0	0	0	0	0	0
0.813193	0.674162	0.848184	0.65227	0.514273	0.468322

0	0	0.0160856	0	0	0
0	0.171862	0	0.174199	0.209356	0.0486246
0.806434	0.757826	0.828975	1.02418	0.794474	1.11664
7.47224	6.66862	6.27336	5.79062	7.97509	6.80166
8.43644	7.64213	8.31019	8.58054	7.60584	7.64845
0	0	0	0	0	0
4.75959	4.53701	4.88844	5.22562	3.70652	5.85375
2.56432	2.67877	3.74042	3.53891	2.93297	1.90811
0.583202	0.263781	0.325888	0.397868	0.232184	0.349926
8.89343	8.04937	8.34259	8.17469	7.1823	8.39507
3.72447	7.18728	3.81602	22.653	5.27957	13.6182
0	0	0	0	0	0
1272.96	1251.13	1395.13	1427.74	1438.81	1383.21
0	0.0446257	0	0	0	0
1.47393	0.104228	0.117752	0	0	0.235985
36.2854	43.4088	38.0074	37.2692	37.2615	30.372
59.8996	65.0581	60.0084	64.2075	59.1793	63.862
0.764445	0.655711	0.945242	0.737965	0.639205	0.929851
3.39362	1.94382	2.49164	2.38703	2.10463	2.20052
16.9738	14.5311	15.294	15.5698	16.9794	16.8951
38.7999	38.6284	46.7237	39.3689	41.3577	35.0262
9.55404	11.5046	15.5341	12.9642	18.7602	16.5493
3.88677	3.37453	3.90582	3.9625	2.77835	3.99191
0.68682	1.03267	0.944443	1.14641	1.43757	1.16905
7.80417	6.62238	6.58993	6.22462	5.79284	7.437
0.887154	0.635185	1.4352	0.40239	0.773702	0.988719
59.2715	49.1969	49.8895	53.5696	57.5341	56.4916
5.04553	1.91277	2.83951	2.64912	2.61288	1.64912
26.4715	22.7917	19.2439	19.2109	16.8845	23.9004
0.626808	0.448782	0	1.36466	0.242956	0.508049
795.787	970.36	970.735	1006.28	997.121	885.709
0.399989	0.222744	0.143797	0.129013	0.137812	0.180114
93.6047	94.9709	106.928	94.6791	98.2419	85.59
0	0	0	0	0	0
0	0	1.6578	0	0	0
0.40124	0.0327726	0.254766	0.731625	0.223464	0.259704
27.8184	27.859	22.4859	26.6876	17.9736	24.9765
4.43228	3.06142	2.80487	2.08132	2.36476	3.57138
0	0	0	0	0	0
0	0	0.253506	0	0	0
1.32104	1.78891	1.89141	1.4862	1.874	1.81789
0.0411933	0.117975	0.0333205	0	0	0
7.12313	5.99459	7.55358	6.28795	6.54911	8.08164

0	0	0	0	0	0
0	0	0	0	0	0
3.92085	2.56761	3.32621	2.99291	3.08584	3.49772
19.0299	18.2492	18.2145	18.1841	16.8808	20.3652
3.08099	2.60125	2.55431	2.19854	4.79651	3.66248
16.4836	12.5454	14.6658	15.9403	15.1622	17.4472
1.07463	0.976561	1.1367	0.779876	0.704903	0.871021
20.3686	22.9141	19.3243	22.1013	18.4276	20.7696
22.4868	25.574	24.4226	20.8507	20.0254	22.4741
1.38328	0.363148	0.857829	1.10426	1.64426	1.19594
0.308654	0.400545	0.218456	0.363993	0.239273	0.687979
11.3112	10.7187	7.75006	7.96729	6.35723	8.11645
7.15412	5.03852	5.55989	7.10913	7.05029	6.06395
2.72014	2.34775	2.8935	2.56897	2.16647	2.6578
5.15161	4.54135	3.91738	4.81507	4.16997	4.40887
49.0095	54.7915	49.7181	52.4053	53.3289	49.4898
0.786871	0.515095	0.618299	0.489469	0.487996	0.510228
13.5765	10.0963	13.3625	12.3621	11.7004	11.801
0	0	0	0	0	0
0.0182553	0.0130705	0	0.0132482	0.0141518	0.0147966
2.31974	1.4021	1.68159	1.53051	1.81691	1.51389
6.65066	6.98331	8.03017	6.87212	5.82021	6.08416
10.8193	7.03575	7.62749	7.27551	13.0042	4.26404
0	0	0	0	0	0
23.8484	21.1561	21.0847	21.4048	25.5847	23.6558
60.1091	52.2057	57.8661	67.3985	44.3477	80.5137
7.79602	7.33429	6.76028	7.59222	7.04429	6.9372
0	0	0	0	0	0
0.795464	0.724865	0.799419	0.699736	0.672715	0.507985
55.9288	54.8793	59.6402	56.9606	46.439	56.6795
61.768	57.323	59.7014	60.793	52.2922	52.501
0	0	0	0	0	0
2.28962	2.74747	1.80924	1.88276	2.30528	2.0888
0	0	0	0.00849835	0	0.0189831
0	0	0	0	0	0
0	0	0	0	0	0
14.6634	10.4706	11.4328	10.5419	12.0663	13.5376
5.43442	4.16041	3.54185	4.23913	3.5383	3.24802
0.339787	0.288502	0.342981	0.353627	0.296041	0.207352
11.6634	10.2704	8.13297	10.1182	8.52198	8.04094
23.7957	25.1424	24.5922	24.2321	19.5649	20.3477
1.52113	1.63331	2.06578	1.94607	2.18656	2.00825
2.28706	1.20037	2.97023	1.4877	1.15659	2.2721

1.13307	0.469674	0.289426	0.346226	0.13869	0.38669
10.0401	7.3448	6.35588	6.65276	6.89501	6.54578
0	0	0	0	0	0
48.191	48.597	51.3899	50.8309	43.0954	46.9459
90.7146	106.417	111.73	101.798	105.701	100.567
5.35925	4.099	5.59561	4.60485	4.88193	6.21287
816.838	1792.64	1084.61	981.235	836.76	1691.56
0.402244	0.297333	0.558102	0.706354	0.293361	0.728433
0	0	0	0	0	0
14.9304	13.6782	17.386	18.7289	13.3799	15.9061
13.0217	11.9585	11.4141	12.7559	12.3592	14.046
0.643795	0.449126	0.5074	0.515133	0.345517	0.548578
61.951	90.8708	49.0402	30.1648	24.8336	259.65
4.52231	3.61319	4.19211	4.10478	4.00223	3.52329
0	0	0	0	0	0
0.00880753	0.00756722	0.00712423	0.0195406	0.00585234	0.0281982
41.2553	21.1353	65.1913	61.3569	22.5125	51.4443
2.07737	0.989652	0.82417	1.30522	1.01957	1.19261
0	255.172	288.28	258.642	276.282	288.87
0.174809	0.0834398	0	0.253724	0.180686	0.0944589
21.5294	20.6495	22.0351	21.8188	19.3918	22.824
58.0344	99.1357	124.225	72.8576	96.9219	113.891
33.6089	29.9897	29.4361	30.4863	34.2107	22.9964
3.79002	3.76962	3.22464	2.72295	3.20464	4.19313
0.309775	0.327894	0.334552	0.224881	0.160084	0.657079
13.1502	12.6835	12.6835	14.2188	10.1376	13.9569
7.033	5.10716	3.80824	4.79933	1.70221	9.01529
13.6304	11.0057	11.1461	14.1157	11.1064	10.7253
37.8873	30.2532	36.3059	36.136	40.2675	39.5082
48.2371	56.9454	49.7328	44.9479	54.5429	50.4606
14.4464	11.9861	12.6781	11.9993	13.7176	8.71118
9.95454	16.8117	12.3066	9.27965	7.99719	12.4253
22.7605	33.9467	33.8426	29.8525	26.5199	23.6347
10.5798	11.7832	7.60691	22.1807	9.1129	8.57527
0	0	0	0	0	0
0	0	0.0170236	0	0.0163151	0
3.18574	1.733	2.145	2.05363	1.08995	1.97628
0.853154	0.436316	0.821547	0.972949	0.629884	1.0208
14.9871	13.1934	12.9142	13.9046	12.7088	11.1447
4.51808	3.60489	3.96469	3.8233	4.32962	3.8101
9.2124	4.16963	5.63006	6.70821	6.65354	10.2909
0.590326	0.344455	0.318222	0.206198	0.203704	0.106291
6.4713	6.28093	6.94163	6.25563	6.16979	5.62649

19.884	12.8588	15.1614	18.0851	12.5415	14.7303
0.751117	0.28471	0.73265	1.33068	0.308265	0.895303
15.8396	13.3926	10.9784	19.9508	17.015	13.783
0.42916	0.512118	0.809991	0.415266	0.38814	0.463799
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
10.4921	12.601	12.2284	12.9976	7.65264	14.7909
0	0.0265996	0.0132878	0.0260443	0.00587759	0.0354895
1.48467	1.57616	1.73926	1.78337	2.18281	2.03328
0.429901	0.237984	0.193739	0.260518	0.0618415	0.247859
11.4423	13.2321	17.1679	14.355	15.8938	13.6629
0	0.0646348	0	0	0	0
29.7068	26.9413	28.5288	30.1135	25.3151	28.8232
0.0727968	0.0260605	0.0883258	0.31698	0.112866	0.118008
0.792677	0.68105	0.598435	0.57526	0.409664	0.513993
0	0	0	0	0	0
32.4752	24.8462	26.1961	29.4391	23.088	30.2505
9.01746	6.1125	8.45368	7.54295	9.04034	6.6835
0	0	0	0	0	0
83.506	75.2981	71.6952	73.8687	75.1019	58.5373
21.5895	21.664	21.1685	23.0089	23.8656	20.4453
18.743	16.017	18.3909	19.5103	17.6037	19.1807
67.6439	75.8189	60.4479	59.7852	58.057	62.6603
22.7507	21.2761	21.9545	22.0599	25.4426	19.8516
28.7979	21.0037	25.7902	25.2192	26.5712	25.5328
15.1756	15.2145	14.02	15.1382	11.8993	15.2584
33.5836	33.4322	29.8979	43.8041	29.3182	42.0435
0.368805	0.240878	0.449697	0.443127	0.190669	0.39981
16.0238	11.7733	10.9225	16.799	13.8723	11.777
5.17402	3.77807	3.32254	4.26459	4.16036	3.80554
2.27364	1.8992	2.1967	2.4292	1.51776	2.09882
45.4813	47.9176	44.4771	50.5075	39.9467	41.4482
1.0232	0.76922	0.786262	0.779681	1.11048	0.580536
11.3704	8.92374	9.1265	11.7745	7.32279	9.35784
2.17096	2.00629	3.05606	2.96672	3.36422	3.94557
17.868	17.5065	18.4538	16.9989	13.7571	18.1245
18.0848	15.4427	17.3356	20.0276	18.89	19.0368
1.33524	1.2346	1.01367	1.84462	0.7033	1.86614
0	0	0	0	0	0
34.0987	35.7791	35.2368	37.1838	37.0905	38.5036
1.10971	0.589677	0.633233	0.652159	0.4528	0.240062
2.36784	1.82888	1.44384	2.4187	1.798	1.18694

0	0	0	0	0	0
0.0438899	0.513263	0.0710032	0.473057	0.229663	0.463206
25.3317	24.6017	29.5182	26.2104	27.3176	25.2079
0.114268	0.0272711	0	0	0	0.12349
2.33228	1.19276	1.5272	1.28958	0.947059	0.900188
0.341164	0.244267	0.152054	0.161687	0.172715	0.780411
0.835674	0.563131	0.457267	0.802672	0.381075	0.577732
0	0	0	0	0	0
0	0	0	0	0	0
7.70531	9.11124	6.85807	8.26968	7.23498	8.24802
2.58138	0.835601	1.48223	0.604145	0.838955	1.88993
0	0	0	0	0	0
0	0	0	0	0	0
21.7272	17.4125	20.5891	21.4572	25.5647	20.9847
0.729775	0.304795	0.787067	0.750282	0.754311	0.591507
0	0	0	0	0	0
55.2642	58.8796	56.0752	58.9474	89.9706	41.5752
47.1745	49.0945	49.9865	53.6251	46.3573	47.6011
6.42927	7.21469	6.07559	6.63985	5.63104	6.86468
4.319	3.83369	4.36709	4.94379	4.47375	5.82708
4.04252	2.98875	3.37654	4.08171	3.57665	4.13136
0.350129	0.182317	0.102986	0.161697	0.222075	0.103197
0	0	0	0	0	0
1.30264	0.875177	0.835634	1.00488	0.955246	0.944291
13.4645	12.8839	13.3791	13.1886	8.66603	12.6438
32.4347	37.2839	32.2579	32.8996	26.7676	30.996
0.577962	0.275873	0.294353	0.217486	0.431451	0.294955
5.15359	5.73025	5.98862	5.48951	4.78436	5.43814
0.573775	0.386647	0.409513	0.342917	0.340141	0.300924
33.2981	36.9505	40.3381	33.468	35.1448	36.0965
3.61623	2.38474	1.69348	2.90061	2.1394	3.85668
6.15013	5.32217	6.15112	6.13268	5.95407	5.95567
6.33319	4.9961	5.87255	5.50587	6.9086	6.1199
9.521	8.51037	8.7892	9.82929	7.17193	8.57786
2.5458	3.47075	3.73626	2.59736	1.46577	1.39609
0	0	0	0	0	0
0.159648	0	0.172182	0.0965497	0.020627	0.0215667
2.24E-08	1.19E-06	1.05E-07	1.18E-07	2.29E-07	1.18E-06
0.0992707	0.0696249	0	0.176922	0.207783	0.119216
6.8844	5.25586	5.77663	6.3163	5.25716	6.86173
5.33712	5.76581	5.9332	4.82663	4.59701	5.73396
5.81835	5.17206	5.16106	5.42599	4.00931	5.23996
0.446322	0.614535	0.499875	0.573061	0.718607	0.667863

5.18428	3.37723	4.16456	4.24574	3.58554	4.20268
0.755932	1.86E-13	2.89E-22	6.83E-29	2.76E-13	3.44E-19
1.61462	0.838867	1.17402	1.36011	0.628122	1.3654
3.57814	2.91123	3.42052	3.65902	2.14341	3.49343
12.744	9.62868	11.8817	12.2665	10.9712	11.9604
4.04969	2.27785	2.02831	2.1689	1.86841	1.95434
23.0416	26.514	20.4014	20.2155	16.1521	19.8841
5.29068	4.68693	5.23616	5.64318	5.99735	5.22619
0.346015	0.307672	0.217245	0.188331	0.377851	0.302346
0.0757301	0	0	0	0	0
17.7517	21.423	19.1546	20.1041	19.1906	17.7887
65.5276	51.9752	39.3047	56.1429	46.5712	46.1975
0	0	0	0	0	0
10.6048	8.26721	11.1176	8.20243	11.0605	12.1865
40.6073	35.0919	36.0064	42.9097	37.4767	37.531
11.2837	8.94355	9.71733	10.2611	9.859	10.1348
36.0237	41.4	46.1739	45.8958	46.83	38.3323
1.28242	0.702222	0.397912	0.568198	0.42183	1.0339
17.091	14.1635	13.9741	15.6978	16.3385	14.5188
12.87	10.2297	10.8323	11.5316	10.6348	11.2603
40.5703	39.7913	41.5104	42.3377	31.4932	42.6531
2.76584	1.74883	2.23723	2.60678	1.75428	2.15447
9.34688	6.74441	8.18791	10.6438	6.88179	9.04826
8.90E-38	0.189082	0.147666	0	0	0.165667
0.726495	0.610535	1.10663	0.695341	0.612116	0.921404
0	0	0	0	0	0
0.29173	0.134275	0.134842	0.0302448	0.0969229	0.152008
0	0.0469982	0	0.00396978	0.0254432	0
0	0	0	0	0	0
0	0	0	0	0	0
14.2141	13.3131	13.6004	12.8789	10.4932	12.002
0.92979	0.782434	0.844394	0.804906	0.60706	0.859334
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.0987907
1.46589	1.15569	1.3989	1.13554	1.2513	1.12141
4.53894	4.15672	4.56798	3.58126	3.6414	4.85538
0	0	0	0	0	0
20.3159	23.3498	19.2131	20.5357	19.5385	17.3643
16.5063	18.8725	21.0625	23.3078	21.773	20.2758
15.1896	17.0988	16.2861	16.9407	15.4026	14.5253
1.70172	1.57006	1.40004	1.28881	1.78783	1.80802
8.95701	8.17896	7.73515	6.75148	6.00438	6.66373



7.63028	7.66699	8.42422	8.82389	7.15244	8.97374
0	0	0	0	0	0
28.9094	28.9998	25.6054	27.1246	26.2546	24.5449
0	0	0.337999	0	0	0
4.11028	3.0626	3.49378	3.11436	3.06754	3.78325
0	0	0	0	0	0
0	0	0	0	0	0
66.4836	58.6556	47.6259	52.5966	48.6808	41.7462
5.90945	2.92796	2.66806	4.48349	5.35975	5.52077
0.142581	0.187156	0.307548	0.172455	0.20264	0.134827
0.692708	0.361467	0.303901	0.426026	0.263948	0.494849
2.39846	1.51692	2.03706	1.66325	1.40106	1.85262
4.99261	4.23422	2.46392	5.48876	2.44202	2.98683
0	0	0	0	0	0
8.14958	8.01759	6.18853	5.47308	5.39825	7.77685
12.439	11.7419	14.1164	14.731	14.5843	12.1388
21.6798	17.3961	26.1963	25.1461	27.7112	41.6044
0.841128	0.150558	0.491379	0.491729	0.398478	0.681763
21.5662	14.976	13.3411	14.1126	15.4931	17.4504
0.115962	0.0207562	0	0.084156	0	0.105741
0.494694	0.793502	1.44199	1.22863	0.93126	1.37324
30.422	39.135	32.9906	37.2815	34.6411	27.4129
6.75373	4.6708	5.48485	5.19597	5.80217	6.06651
3.33584	3.5826	3.59773	3.0261	2.155	3.60508
173.751	892.186	216.337	166.454	601.091	1449.54
95.3181	117.648	102.11	105.408	98.4644	96.2659
0	0	0.230265	0	0	0
6.42984	3.12515	5.38659	7.44174	5.16241	8.55909
0	0	0	0	0	0
0	0	0	0	0	0
1.32969	1.70877	0.937665	1.70727	0.84578	1.38174
10.7884	9.0197	7.9352	7.21664	6.41019	7.10414
5.73009	10.0087	8.16823	7.48434	5.38571	6.4751
0	0.131609	0.148686	0	0	0
1.45909	1.69761	1.21711	0.992707	0.777637	1.2196
0.523349	0.829901	1.1418	1.34465	0.619545	2.1084
0	0.217913	0	0.441753	0	0
6.36448	4.29163	4.22198	3.98342	4.82942	4.12144
0.144454	0.180995	0.116846	0.137638	0.215078	0.204898
0.0693424	0.0496478	0.0560897	0	0	0.0562044
2.03649	2.43664	2.11784	1.78966	1.65528	1.67643
38.69	55.2383	91.6138	38.1279	115.191	67.1629
22.5335	23.8056	25.5565	22.4419	23.3035	24.8121

0.148748	0.292878	0.330879	0.242886	0.086484	0.241131
37.9771	33.5956	28.4824	35.5279	18.219	23.9267
0	0	0	0	0	0
0	0	0	0	0	114.466
17.2628	16.6747	15.6851	16.4365	15.1104	13.0357
0.208271	0.074154	0.318874	1.12E-08	0.318379	1.88E-08
18.6603	17.424	20.6112	22.0057	24.8904	19.1785
1.13827	1.16073	1.56244	1.00129	0.721966	0.866689
0.195342	0.0999009	0.0451452	0.121511	0.259598	0.0226188
796.919	746.832	687.999	803.607	880.167	845.372
41.1292	41.9622	36.8929	39.1519	37.0188	42.643
0.0268403	0.0384343	0	0.0194785	0.041614	0
9.68607	5.7792	9.42731	11.8442	7.41722	10.3561
23.2836	22.3737	14.4202	18.9407	16.6701	18.5056
0	0	0	0	0	0
1.44349	0.980061	2.17578	1.22836	1.12036	1.29101
0	0	0	0	0	0
24.6193	16.9817	25.0304	17.896	13.1967	15.1557
0.0974253	0.0697547	0	0.0707033	0.0755256	0.157933
2.69398	3.74007	3.37496	2.43192	3.96035	1.6643
24.762	24.7474	22.4866	24.6296	18.3266	20.4293
5.85712	4.73909	4.67993	4.68259	5.27883	5.26845
44.288	48.9726	46.0844	46.8517	39.7986	44.6224
5.97114	5.38951	6.57693	5.25536	6.45094	6.64187
27.3693	26.1864	29.0868	29.8124	26.193	27.3316
76.5943	52.098	232.247	185.17	106.198	266.328
0	0	0	0	0	0
0	0.0708775	0	0	0	0
0	0	0	0	0	0
0	0	0	0.215312	0.114999	0
0.0914176	0.0647423	0.0558543	0.0459358	0.0544031	0.104747
0	0	0.0620848	0	0	0
0.0590624	0	0	0	0	0
0	0	0	0	0	0
14.0132	12.8083	11.3131	11.5386	10.4787	12.8323
0	0	0	0	0	0
0.432735	0.325577	0.229891	0.558301	0.584288	0.830561
27.4129	40.2795	22.2276	28.4479	14.0918	19.591
8.32493	5.71731	5.42307	7.55237	6.23832	4.29515
41.8418	42.7752	46.9462	42.0337	44.6253	45.1229
0.803048	0.928422	0.547863	0.568748	0.330148	0.556823
0	0	0	0	0	0
3.15119	3.11406	2.87129	3.7353	3.83684	3.77794

6.24908	8.67597	6.51285	4.92753	6.25733	7.27295
6.11463	6.49217	6.1688	6.80478	6.11554	4.89629
1.71054	1.1876	1.90353	1.36175	1.35015	1.39485
64.3247	58.937	61.0033	64.8612	66.7753	67.1935
3.16672	2.26731	2.7038	2.0428	1.77298	3.9927
121.271	112.07	112.868	111.437	128.257	110.344
19.8912	25.1039	21.4929	23.6344	21.6338	18.7516
16.4187	16.2444	16.4749	13.3482	16.3531	14.5994
13.2256	14.1182	11.428	13.4482	9.08925	9.59345
8.07303	6.77699	7.5564	6.99138	7.81639	8.47283
0.0989465	0	0.0533572	0.0478715	0.0255683	0.106933
0	0.0379953	0.0429252	0.019256	0.0205694	0.0322597
23.1888	26.6124	23.5216	19.9399	20.9242	22.7538
54.118	57.656	55.0826	59.9544	64.7941	56.9155
53.3305	54.3836	55.5507	58.874	65.1966	57.6026
0	0	0	0	0	0
3.79715	2.49766	3.87052	3.29335	3.78123	3.00266
0	0	0	0	0	0
0	0	0	0	0	0
41.4596	52.4062	34.5634	34.5066	33.5833	32.8944
0	0	0	0	0	0
7.51477	6.90749	7.2364	7.22993	5.99828	6.26519
3035.28	3864.24	3534.68	3941.86	3578.49	3532.01
46.9913	45.4435	47.84	46.4983	46.9573	46.5656
52.6462	52.2191	51.8175	52.0199	46.0893	45.3456
17.0219	17.2679	18.75	19.0346	18.9564	17.1476
13.8484	13.4855	13.4018	14.2844	12.2999	14.0337
12.7717	10.865	10.8584	9.96628	14.1592	5.89946
0.0796523	0	0	0.0578051	0.277868	0.403511
0.826161	1.92885	0.784485	1.09485	0.72399	1.19369
4.32687	4.32517	2.68834	3.56484	2.00931	4.26948
0.0676742	0	0.0547403	0	0	0.0548522
0	0	0	0	0	0
10.2629	8.24063	10.3417	8.89973	8.38301	11.0208
20.6751	20.0413	22.9673	21.473	20.5987	23.6447
0	0	0	0	0	0.0158873
27.4185	27.3029	30.8363	31.2102	33.0091	30.2966
7.35094	7.26627	5.05856	6.13094	4.84803	5.42462
0	0	0	0	0	0
0.187661	0.335904	0.202393	0.476661	0.19397	0.304211
7.42379	6.03941	5.01283	6.49633	4.97102	6.20327
129.352	115.741	118.46	127.697	141.082	113.949
0	0	0	0	0	0

7.11572	6.9288	13.3277	9.67006	7.76358	9.40746
0	0	0	0	0	0
4.64211	3.92432	4.29779	3.36886	4.11892	4.4879
0	0	0	0	0	0
14.505	13.8531	12.2471	11.2588	10.9784	11.5352
0.554012	0.279997	0.448129	0.473007	0.530532	0.713189
0.0867739	0.0372771	0.105284	0.157433	0.0403611	0.0351666
0.65794	0.472708	0.295663	0.636638	0.283358	0.177761
16.3305	19.1276	11.452	13.3095	13.5471	16.1148
10.3798	6.20513	7.61345	6.9916	6.85911	9.49135
0.228987	0.200384	0.205803	0.16618	0.15779	0.391825
8.5351	10.4759	11.1777	15.6327	7.24669	17.7891
0	0	0	0	0	0
73.7506	77.7821	70.2727	68.9071	70.3408	61.0521
48.3801	45.8862	49.0577	42.1902	49.4634	47.3417
13.0107	11.9797	11.6256	12.6612	9.2395	12.2176
30.2272	25.6755	29.6839	32.6672	22.7339	29.1532
4.64488	6.52001	5.28967	6.69739	3.36389	3.8639
29.7226	24.7799	28.4398	29.2856	31.3199	30.0943
0.104164	0.0372896	0	0	0	0
14.5823	12.6807	13.3588	13.9949	11.9735	13.8452
151.591	168.331	150.861	152.158	146.622	124.576
0	0	0	0	0	0
19.8644	25.9929	52.3596	16.6538	15.3992	18.8768
8.48224	8.27884	8.59478	7.72362	8.40548	9.08029
26.5667	30.9587	31.2922	31.1586	25.6049	24.4144
15.9527	11.1419	9.37427	10.2492	12.088	12.5373
1066.35	1268.21	1166.52	1209.74	1152.6	1021.84
12.4105	11.0062	16.7061	13.2361	15.7898	11.9692
0	0	0	0	0	0
3.31432	2.70342	1.23398	2.38028	1.65571	2.16385
9.16334	10.8985	9.43351	8.90331	9.09961	7.67272
13.2219	11.0454	13.3353	12.0399	13.6148	14.1084
0	0.0358646	0	0	0.0194159	0
0	0	0	0	0.0330448	0.0345503
0	0	0	0	0	0
58.3978	50.5955	58.6993	57.6359	58.9626	63.4465
16.3278	13.9587	16.1641	16.3466	18.8784	18.2288
7.5718	5.60241	6.70835	5.97778	7.26289	6.64534
0.548766	0.671814	0.506396	0.360841	0.337713	0.494554
29.4887	30.1267	25.6686	29.7558	18.9796	25.9637
0	0	0	0	0	0.0422877
0.269177	0.385452	0.217732	0.130231	0.0695568	0.290903

51.5529	47.5192	56.0478	59.2535	59.2056	57.3888
24.1585	29.8406	22.7757	22.3964	19.6314	28.438
4.42221	6.01369	5.66564	5.277	3.8193	5.3645
1.29669	1.22286	0.977432	0.897759	0.799859	1.24191
4.64	3.44463	2.90394	3.28321	2.75483	2.25245
0	0	0	0	0	0
3.47824	2.21518	1.57775	1.90698	1.08717	0.961785
12.1786	12.398	11.8668	11.5817	11.5961	12.2538
6.18712	5.36905	6.29558	6.01325	4.59297	5.13891
342.517	346.043	345.89	319.953	215.049	340.703
5.97365	7.14045	7.57554	6.35582	5.96518	6.2985
1.7328	1.6918	2.16615	1.94345	3.05294	0.893769
11.0588	13.2274	12.1672	8.48125	7.86124	8.25891
7.20261	8.53017	9.73292	7.76065	7.86956	7.0605
4.78224	4.54474	2.6252	6.80339	2.02426	2.23071
11.3535	10.1265	9.60812	8.84082	7.70923	9.29192
18.3753	15.807	12.8397	13.4457	15.9615	17.3464
0	0	0.0739256	0	0	0.0740767
8.59091	8.25282	9.17794	8.45654	8.97747	8.99234
70.2634	66.3196	72.5334	82.6744	101.975	56.5341
0	0	0	0	0	0
6.82562	6.47529	5.79716	5.57266	6.21731	5.5324
12.2344	9.82369	7.49201	26.5512	8.50948	6.11757
0.185461	14.8598	0.184513	15.8308	0.168947	14.8238
0	0	0.0506097	0	0.0970069	0
0	0	0	0	0	0
0.0342846	0	0	0	0	0
31.9532	30.1871	44.3876	33.1214	28.9011	35.3586
0.041588	0	0	0	0.0322397	0.134834
41.684	45.939	41.6333	48.2167	35.536	37.1118
14.0743	10.3746	12.8843	12.0631	10.6035	12.6795
14.7375	11.9487	15.0466	13.5355	15.522	14.9853
28.4069	22.7958	27.8612	27.2797	30.3719	29.7897
6.39438	6.35804	6.69355	5.96977	6.08535	5.48774
17.0718	13.9254	17.0406	17.5515	18.1594	18.1645
0.417881	0.263624	0.354093	0.303264	0.337663	0.524006
6.1857	4.56504	5.58516	5.58279	5.59102	5.57507
4.63259	4.04593	4.46871	4.21807	3.89867	4.39619
0.767237	0.674888	0.336899	0.286353	1.42746	0.941691
3.59333	4.06351	4.4821	3.97255	3.98316	4.02853
0.104292	0.0746708	0.0369072	0.059603	0.0808485	0.111873
0	0	0	0	0	0
0	0	0	0	0	0

17.5943	10.9359	11.0165	13.5153	9.93234	13.9664
11.0267	9.44571	9.16958	8.83928	9.46395	10.5563
37.1922	46.5696	39.278	39.2743	35.9149	35.5898
0	0	0.0885032	0	0	0
81.8819	91.8906	76.406	75.0445	67.4524	79.1114
54.0121	48.3071	53.8951	57.8294	60.2114	57.8528
1.70138	1.04184	1.77459	1.65713	1.54454	0.925398
67.4964	62.3881	59.6537	59.5545	67.8541	65.9575
0	0	0	0	0.0439905	0
0.152406	0.0935314	0.0352224	0.110604	0.0506347	0.12353
0.375189	0.192146	0.346361	0.187986	0.290453	0.131236
0	0	0	0	0	0
67.0725	64.3566	60.0346	66.5443	54.8821	70.2997
0.503694	0.385269	0.33335	0.606493	0.275179	0.324821
1.75217	1.84916	1.99912	1.99973	1.95995	2.08762
3.02435	5.51416	5.00646	5.92093	3.18964	2.02378
10.0614	10.3729	9.03563	9.59196	10.3611	8.04447
27.4728	22.8653	25.7101	26.0251	25.2075	28.3724
50.7995	44.117	46.8077	48.853	48.0059	46.8571
0.22503	0.143215	0.161798	0.0362907	0.0969149	0.182394
31.906	30.6086	35.3853	35.4621	41.5862	34.7259
0	0	0	0	0	0
0.0542161	0.0776354	0.146181	0.0786912	0.0560389	0.117184
7.10074	5.26091	6.71144	6.3612	6.90596	6.79895
14.869	16.992	13.9258	10.8823	11.4892	13.9181
3.91671	6.48539	7.39284	5.13834	3.49352	4.50662
9.02113	10.1789	8.06111	9.33597	8.24998	9.44638
7.48059	6.37885	7.10412	7.11487	7.26368	6.89102
0	0	0	0	0.126997	0.132783
0.139703	0.0198396	0.00560346	0.0714258	0.0895042	0.202137
4.85563	3.91798	5.0082	4.92214	4.36162	4.9768
8.9935	5.94232	7.33487	7.7072	7.86445	8.78051
44.5769	38.5841	43.3866	44.0078	46.1305	46.1074
0.608059	0	0	0	0.162073	0.248936
0.671817	0.718305	0.478209	0.708572	0.930501	0.914811
20.3793	19.7733	21.9414	20.7449	21.0148	23.3279
0.640814	0.553485	0.645511	0.330254	0.443703	0.511345
14.2104	11.6508	12.4112	13.4423	11.0892	11.5414
9.73854	6.85912	8.82542	9.43076	7.42679	8.70222
32.9	19.5493	31.1906	28.7596	15.8985	43.2246
0.268501	0.403707	0.152029	0.0389712	0.208146	0.282918
52.2811	58.876	62.3964	55.6343	48.6982	56.7819
0	0	0	0	0	0

0.223309	0.159885	0.361261	0.16206	0.346226	0.181
5.54386	4.40443	5.38357	5.57235	4.86075	6.23561
0	0.0984045	0	0	0	0.1114
20.1114	14.687	19.1078	18.9745	20.1674	17.9289
0.585425	0.532002	0.528177	0.359491	0.715655	0.620508
39.4842	31.3269	33.6152	31.1124	34.3132	42.2814
25.386	20.2218	24.1895	20.9791	20.5554	25.2085
0	0	0	0	0	0
16.1579	21.372	18.4237	18.3191	18.0091	19.3292
1079.9	1261.32	1223.9	1196.98	1084.2	1153.27
5.02264	3.61007	6.23807	4.34838	4.95911	5.18504
10.4291	10.4785	8.49558	9.62139	11.3836	11.0748
5.50642	3.37574	3.43582	3.50189	5.31194	6.23235
15.0651	14.6323	14.3334	14.2936	13.5454	16.1143
1.56364	3.4387	1.94237	3.24218	1.73193	1.31305
19.243	18.2585	23.1834	19.2356	17.1979	19.1005
15.9917	16.7186	20.42	18.6125	15.9706	17.9346
17.9792	17.4595	16.4906	19.9632	17.865	16.4433
2.13537	1.04995	1.60041	1.1103	0.914758	1.27522
2.24E-31	0.201439	3.19E-212	0.180006	0.331725	2.76E-32
1.73816	1.42984	1.43587	1.82502	1.77748	1.55871
0	0	0	0	0	0
327.596	337.893	307.829	285.485	291.902	253.666
2.59562	1.85841	4.33906	3.26506	2.54874	4.7687
7.06571	6.15209	4.60743	5.29169	4.09494	6.27229
0	0	0	0	0	0
31.8764	27.9216	28.9107	27.7965	21.9076	25.4041
856.726	708.543	806.555	835.418	745.496	721.576
0.850703	0.783112	0.688117	0.749664	0.471056	1.08354
6.44348	5.44563	5.86606	6.33878	5.8831	6.13065
1.14885	1.71386	1.53328	1.81127	2.12604	2.42485
26.753	29.2883	31.5867	27.7262	22.7769	26.7143
4.92335	3.95722	4.3952	4.48832	3.89511	4.22852
7.35977	6.46546	10.1565	8.14818	9.40031	10.3185
123.597	118.679	126.205	135.34	139.501	109.627
1.82552	1.26962	1.71888	1.30928	1.72306	2.85303
21.1379	14.4791	21.613	18.1292	20.0042	19.2838
0.52101	0.366746	0.373736	0.44499	0.22013	0.332889
0	0	0	0	0	0
5.09258	5.10467	7.77818	5.47845	6.24689	5.68167
0	0	0	0	0	0
90.9713	123.434	70.6664	90.8178	68.2215	83.8946
0.478907	0.548622	1.23961	0.208531	0.445508	0.0776341

0.839475	0.905805	0.659907	0.849479	0.650774	0.622922
0.23711	0.084883	0.767173	0.430187	0.643339	0.480463
2.2221	1.83575	1.38262	2.605	1.06006	1.17763
1852.48	1908.81	1881.52	2034.68	2173.59	1795.75
20.371	17.3706	18.4958	19.5236	22.7696	19.3672
16.626	12.8756	14.2804	15.4393	13.8604	9.37995
3.03184	2.11891	2.21096	1.93725	1.64341	1.96111
0	0	0	1.0239	0	1.14438
0	0	0	0	0	0
32.308	36.8108	29.2254	31.9298	19.8389	21.6824
3.61121	2.04959	3.28392	3.15497	2.59224	3.4636
1.44141	0.856773	1.36391	1.34211	0.948738	1.47692
13.5715	9.76793	11.7124	11.7103	13.8897	11.5776
41.6751	33.6735	33.9308	33.7685	29.5168	36.1676
35.9277	47.7578	51.1315	37.1909	29.4281	34.1428
0	0	0	0	0	0
2.39082	1.93265	2.6357	2.2108	2.34664	2.40667
10.9339	11.867	11.9682	10.8215	11.933	10.4326
0	0	0	0	0	0
2.01634	2.10687	2.00557	1.77966	2.72474	3.24639
2.58236	2.02226	2.08935	1.40555	1.3763	1.96284
137.207	164.184	152.211	157.567	171.822	140.774
17.6456	12.7811	16.3156	15.8314	16.4332	15.8016
12.54	9.52005	7.83378	10.3193	9.15697	6.79159
0	0	0	0	0	0.266473
0	0.0423124	0.0239012	0	0	0
0.00948119	0.0339418	0.053684	0.00688067	0.0220499	0.0230545
1.18011	1.39852	1.31665	1.29941	0.94639	0.890556
6.79929	6.71764	6.9408	6.85209	6.05349	6.52181
42.1114	53.0121	48.3493	52.0743	50.5789	44.4062
16.568	12.0553	14.9734	14.0002	18.8698	15.1995
50.0373	42.6497	41.3308	59.8355	25.6546	209.609
23.847	20.6088	20.6495	24.7137	19.9261	25.6807
0	0	0.100923	0.362187	0.193445	0.101129
11.5768	6.76966	10.3278	9.48211	9.20543	9.77568
12.3313	15.5057	9.05134	11.2897	5.4622	5.24054
9.54142	8.2547	7.47668	8.09447	5.89849	6.8654
0.125784	0.384867	0.219271	0.236986	0.15314	0.284681
0.0259713	0	0	0	0	0
43.7789	39.8377	36.401	41.0895	44.84	37.5658
0	0	0	0	0.0348095	0
3.2044	3.23412	3.12286	6.97648	9.84663	4.97551
3.81365	2.87664	2.28535	2.97034	2.39843	2.82988



32.4904	35.562	32.9127	30.678	31.0044	31.8721
0.48915	0.15678	0.0666063	0.0523365	0.0480535	0.157396
0.478714	0.57125	0.258148	0.115804	0.123702	0
127.352	135.204	119.751	135.869	117.469	129.125
14.2096	10.7433	13.6668	14.6811	13.1325	14.9669
0	0	0	0	0	0
0	0	0	0	0	0
6.43281	4.7984	5.80187	5.04919	3.78786	5.16537
5.15079	4.95955	4.45371	5.49962	5.18628	4.99068
0	0	0	0	0	0
6.72179	4.18522	4.03352	6.30714	4.19816	4.2735
14.8688	15.8351	14.5655	16.8384	16.5761	15.7238
0	0	0	0	0	0
9.29597	6.62297	9.3264	8.1177	7.9973	6.67568
0.637823	0.456669	0.29979	0.825755	0.542606	0.272316
0	0	0	0	0	0.0170811
13.2684	11.8654	13.9063	14.7799	12.7809	12.6791
5.48613	5.47848	5.52756	6.77534	7.05092	4.05663
2.25217	1.02814	2.7447	4.26281	2.12035	5.32867
344.554	362.707	257.505	259.614	283.077	183.553
10.2114	9.97304	11.8337	11.9735	11.0912	11.4386
1.23733	1.09594	1.31069	1.97214	1.92835	0.744736
0	0	0.0657068	0	0	0
89.2675	112.254	104.197	112.755	106.211	101.548
23.37	18.8742	23.4908	23.8194	22.5614	25.5088
0.690732	0.459226	0.319268	0.572888	0.248609	0.359911
3.94967	4.29461	4.53413	7.72221	4.76757	5.42318
11.4992	10.9776	13.5692	11.7815	12.0956	12.6101
6.48328	6.73692	6.28841	7.43228	5.64862	5.97572
3.17877	3.16064	3.28484	2.43475	1.09513	2.4329
0	0.0265984	0	0.0606604	0	0
15.9467	11.5261	13.0872	15.0965	14.7476	12.7205
99.7512	96.6982	95.0049	92.3423	102.206	84.8821
0.0350123	0.0125341	0.0708018	0	0.013571	0.0283786
1.69478	0.475189	0.821633	0.899083	1.06467	1.46689
0.181813	0.0781046	0.0294129	0.0791668	0.0563776	0.147365
25.9292	23.4027	26.7881	26.0819	26.3954	31.029
9.24955	7.21305	8.53178	9.27835	9.91431	7.75025
4.24881	3.51425	4.08288	3.97028	3.47581	4.14628
0	0	0	0	0	0
65.8298	88.8575	64.5037	70.3504	59.7902	14.9035
29.0123	31.3339	41.535	28.2215	30.7839	30.3149
22.3699	20.6942	25.4815	22.126	22.8676	12.0445

9.55694	9.87825	10.7019	10.6641	12.4406	13.0186
164.132	157.523	152.411	155.322	156.8	122.245
0	0	0	0	0	0
16.7447	19.0972	19.4294	17.1054	16.8243	16.117
0	0	0	0	0	0
0	0.191808	0	0	0.207677	0
2777.61	2815.72	2945.47	2958.24	3080.68	2714.92
342.032	446.434	274.185	304.131	311.187	339.071
88.834	86.7638	99.2088	109.723	108.019	89.7613
1.28093	1.22581	0.513446	0.809316	0.602051	1.10638
5.29753	3.55401	6.01709	5.27738	5.87446	5.0151
0.0254658	0.0425437	0	0.018481	0.0394829	0.0412817
12.5644	15.2679	14.6231	13.5831	11.6972	13.9088
12.1339	7.73837	10.9339	9.99799	10.3671	9.9517
28.6508	26.0905	30.1637	30.9287	33.5818	27.9878
13.2287	11.2376	13.0657	12.3487	11.4487	12.1232
0	0.0908682	0	0.184208	0	0
0.713214	0.453909	0.352553	0.345061	0.276447	0.353273
0.926004	0.928201	1.79766	1.34404	0.861423	0.300223
223.803	222.714	263.205	295.819	354.983	239.285
0	0.0354857	0	0	0	0
1.42982	2.16334	1.78938	1.95782	1.38029	2.09917
7.36198	4.00318	2.1808	4.42133	2.06424	7.39611
0	0	0	0	0	0
3.36381	2.10259	2.67773	2.5768	2.29724	1.64455
12.3229	15.6433	8.48933	10.1117	10.555	10.1628
0.356607	0.0283693	0.0320502	0.0287551	0	0.0722605
23.644	22.3424	25.6539	26.6311	24.5165	24.4417
3.62277	2.83286	3.19042	2.83549	2.45378	3.51764
2.1505	1.3659	1.93166	1.65367	2.43048	2.64262
16.2712	15.2973	17.355	18.6857	16.3727	15.3209
0.0446647	0.0799477	0.0722568	0.048621	0.0519372	0.0181011
0	0.153116	0	0.103465	0.193414	0.0288894
10.8196	10.2606	11.8231	13.8669	12.8503	12.9725
24.4476	23.1072	23.1418	22.5563	22.2935	21.8135
1.94116	1.93584	1.34586	0.905616	1.02113	1.34861
0.0442301	0.0316679	0.0357769	0.0320986	0.0342879	0.03585
0	0.0211224	0	0.0214096	0.0457397	0.0239118
3.81203	3.49869	3.18695	6.36843	3.05431	3.69115
20.0454	18.5559	20.0817	19.3026	16.2705	19.1631
0.106107	0.101294	0	0.077004	0.137093	0.0573357
12.1393	8.57837	9.00908	11.3314	7.71962	10.0578
7.5915	7.48388	9.99778	9.08064	6.29907	8.90509

118.661	133.706	97.556	131.289	87.4639	108.792
2.33682	1.88429	1.05521	1.53122	0.668334	1.31481
0.908301	0.195098	0.293883	0.922839	0.352065	0.441725
39.9711	62.3319	50.6474	51.7758	41.7646	49.4887
8.9607	6.38369	7.79038	8.35708	6.34597	8.07799
0.080503	0.0115277	0.0130234	0.0350535	0.0124814	0
0	0.159073	0.183466	0.243888	0	0.0450145
0.0888596	0.033942	0.0136905	0.0184244	0.147609	0.0932857
106.945	103.385	104.572	110.36	117.525	114.31
0.216226	0	0.0699603	0.0941515	0.100573	0
0.212929	0.127044	0.172234	0.128772	0.137555	0.143822
4.23736	4.18553	5.54172	3.54864	4.85002	5.43808
5.10041	5.525	4.48902	3.77817	3.33932	4.0698
0	0.028053	0	0	0	0
74.794	87.3853	85.3732	86.7687	85.6307	76.2139
69.8159	61.9096	67.8384	69.9899	79.0556	71.3063
0	0.0314851	0.0118568	0.0319133	0.0227266	0.11881
0.286643	0.146594	0.154573	0.287269	0.380932	0.199143
6.27859	6.15225	7.4108	7.06187	8.66108	7.28759
0.502653	0.681897	0.363787	0.633573	0.471699	0.707619
2.40648	1.99218	1.5208	1.84164	1.76353	2.95411
0.203035	0	0	0	0	0
0.525813	0.501963	0.373766	0.416282	0.481731	0.219552
34.8487	42.0479	35.7723	35.8705	34.9462	32.659
0.0308325	0.0662264	0.0249398	0	0.0956073	0
11.1366	10.2469	11.9009	13.0442	15.8236	12.1649
0	0	0	0	0	0
1.34743	1.11567	1.33933	0.918962	0.893576	1.15791
0.0282912	0.0202559	0.0228841	0.0205314	0.0219317	0.0687928
0	0	0	0	0	0
0	0	0	0	0	0
0.335299	0.240068	0.0678042	0.121666	0.243683	0.169857
3.87668	3.53669	4.12202	4.152	6.90725	8.64099
0	0.0494511	0.152084	0.168471	0	0.0761972
2.6003	2.37096	1.95951	1.69353	1.51615	2.53996
33.2724	32.232	33.0113	32.9738	32.4912	30.3795
45.2847	41.6722	49.937	47.5484	50.3826	34.9726
5.32885	4.92399	5.51606	4.1654	2.72441	5.31545
30.8941	29.0225	32.5686	28.0747	27.8151	28.1371
1.45058	1.26114	0.880008	0.751937	2.8916	0.629862
9.32334	6.69751	9.10321	9.34369	11.1496	10.5278
10.7514	8.67	9.91095	10.7371	10.8578	9.05055
0	0	0	0	0	0

0	0	0	0	0	0
12.3603	10.5694	10.6311	10.5565	8.24294	9.6247
196.591	190.69	190.415	210.737	206.336	194.974
5.65494	5.74934	6.86125	5.93696	6.56595	6.40674
0.0161461	0	0	0	0	0
0	0	0.0219167	0	1.02E-11	0.0215434
7.15388	5.61559	5.69695	5.73486	4.85263	4.74198
72.842	101.992	97.9872	78.2566	86.7483	80.2721
0	0	0	0	0	0
0	0.563782	0.283082	0.57145	0.40695	0.212745
0.0885523	0.0158504	0	0.032132	0.0514853	0.0897183
13.2366	11.4607	14.1927	15.3026	13.3634	15.3445
0.0901446	0.0950915	0.239629	0.0626582	0.0973047	0.157859
0	0	0	0	0	0
0.47229	0.327876	0.259862	0.491025	0.29615	0.449514
1.25141	1.52011	1.48103	0.728557	1.09686	1.3875
4.79985	3.42405	4.87469	4.29557	6.19782	4.89954
0.9296	1.10929	1.16968	0.974461	0.800711	0.586034
1.50675	1.1281	1.35445	1.38492	1.64777	1.55917
13.7464	11.266	12.085	10.5968	10.3798	11.0962
2.61266	1.73148	2.47137	2.09976	2.30993	1.75887
7.45689	6.31987	7.7577	6.38264	7.39388	7.29069
37.1122	53.1432	90.0578	80.7989	0	90.242
0	0	0	0	0	0
5.5058	4.92619	3.647	3.45356	4.04151	3.98513
0.531136	0.365657	0.446149	0.311329	0.221709	0.546408
0	0.0343662	0	0	0.0744188	0.0778092
2.11619	1.38889	1.85439	1.2798	0.956961	1.00056
3.52E-07	1.41E-07	9.14E-08	9.05E-08	1.14E-07	1.51E-07
116.121	119.301	120.276	110.183	163.284	65.3699
10.1149	9.20471	10.8651	9.44945	9.40689	9.37065
0.823032	0.660615	1.25222	0.701814	0.986043	0.476204
1.72782	1.13254	1.24012	1.74841	1.03759	1.00596
3.737	3.86382	3.30209	3.7019	3.1073	3.75032
10.7736	11.3549	11.3663	11.0111	11.3929	11.6394
0	0	0	0	0	0
0.138488	0.16529	0.283591	0.2308	0.159079	0.249129
2.23987	2.26576	2.07089	2.24114	1.54711	2.12663
0.106417	0.304769	0.172157	0.231686	0	0
5.95166	4.1137	5.57486	5.38189	6.20835	7.66413
4.3611	3.31203	3.70607	3.9655	3.51192	4.09515
15.7026	13.9425	15.0882	16.1026	14.9478	12.8953
6.89584	6.27509	9.59936	7.88202	9.47602	9.02466

1.85446	0.603528	1.2273	1.46817	0.849497	1.36646
0	0	0	0	0	0
0	0	0	0.357124	0	0
0.304812	0	0	0.78651	0.21004	0.395298
12.7274	10.1188	11.4633	13.1464	10.9409	12.9424
0.242461	0.0810122	0.130748	0.187689	0.112776	0.157218
0.13547	0.0808283	0.109579	0.114699	0.192534	0.274507
0.757404	1.01679	1.14872	1.03062	0.954121	0.920853
11.6756	15.339	9.98968	13.6631	8.90107	11.131
0	0	0	0	0	0
1.56696	1.17935	1.08395	1.10045	1.94645	1.06882
192.286	199.357	192.175	190.085	205.738	163.972
0	0	0	0	0	0
1.13649	0.508568	1.37893	1.54645	0.550643	0.806021
28.0456	30.3381	28.5785	30.412	28.3959	29.4922
2.63245	3.50031	2.12933	2.31979	2.62378	2.74331
0.13433	0.120222	0	0.0487429	0	0.0544396
0	0	0	0	0	0
8.55293	5.77101	12.8241	9.37688	13.3113	8.53535
9.5499	6.69978	6.51326	8.78936	3.02983	4.3015
0	0.151242	0	0.0109499	0.00779786	0.0244594
41.5171	35.5367	42.1936	37.4207	28.1521	32.7439
11.1098	9.03837	10.6196	7.08472	7.30724	9.82204
0	0.0325257	0.18373	0.0989041	0.0704332	0.147284
20.3206	17.1188	17.4077	19.2318	18.7331	20.3642
112.225	134.035	125.022	105.761	129.224	120.76
0	0	0	0	0	0
4.21426	3.44838	4.95092	6.33519	4.43373	3.49713
24.7036	20.1062	23.6969	20.2222	23.0745	24.1591
3.15331	2.55468	1.74554	2.64927	2.83034	3.90066
0.0139516	0	0	0	0	0
2.40393	1.87401	1.6838	2.29627	1.6193	1.94249
0	0	0	0	0	0
0	0	0	0	0	0.174658
1.63324	1.05235	1.19071	1.38553	1.31046	1.20027
0.221281	0.176037	0.198878	0.214117	0.247781	0.139499
3.96584	2.77105	2.24166	2.01119	2.44469	2.20751
0.443715	0.462097	0.522054	0.409833	0.312704	0.392341
0	0	0	0	0	0
6.66068	6.11598	5.94744	6.12069	6.26991	5.59151
1.05657	0.751922	1.14735	0.488224	0.52101	0.85699
2.2984	1.06965	0.96055	0.917395	0.712702	0.962514
42.3675	34.5384	36.502	41.3574	40.355	37.4525

4.91693	4.75707	4.06677	4.35413	2.80607	4.36369
8.66898	8.63291	12.0855	12.0855	11.8297	11.8297
236.498	84.664	63.7661	143.026	122.225	127.793
8.11895	8.93245	5.55433	7.34862	5.34774	5.00042
0.063978	0.045807	0.0517505	0.04643	0	0
8.52455	9.66946	11.4664	5.97809	14.1078	13.3532
1.26887	0.870633	0.570202	0.972	0.683089	1.07131
44.1853	40.5028	45.8653	43.9103	40.6421	40.9999
0	0	0.156072	0.140026	0.299153	0
0	0	0	0	0	0
15.3636	15.2688	34.7471	12.5365	11.6731	14.2494
2.71273	2.19315	1.65277	2.56322	1.30357	2.30986
2.08179	2.14788	1.76164	2.19259	1.96143	2.29308
72.9345	73.6927	88.7522	86.6243	87.0085	84.8852
0.136854	0	0	0.198635	0.0530458	0.166388
693.2	1165.38	910.669	932.097	656.865	1773.4
3.4717	4.67005	2.63799	2.51948	4.07775	4.86042
9.21802	7.38975	8.17745	8.97807	8.42285	10.2519
306.557	245.894	320.264	349.028	383.615	441.434
27.4897	24.3331	25.8469	26.3076	27.1326	23.0879
26.5659	26.7018	30.1517	32.2378	32.59	29.668
0.0974293	0.0179384	0	0	0	0.0203072
0.00880753	0.00756722	0.00712423	0.0268455	0.00585234	0.0281982
4.64841	0.854735	2.06562	1.68106	2.10862	2.51361
16.8389	18.0508	15.3708	16.9992	11.0848	13.0385
0	0	0	0	0	0
50.6083	18.1173	40.936	0	39.2323	82.0394
0.427308	0.359259	0.369161	0.540452	0.318638	0.528817
0.0691323	0.148492	0.11184	0.0501706	0	0.0560341
9.54E-07	3.86E-06	9.93E-07	0.666084	0.0903235	7.01E-07
13.5511	10.3847	11.7466	11.2195	10.7719	12.4897
9.38838	9.38838	10.2348	10.2348	10.0074	10.0074
12.559	14.3335	11.4627	13.0641	10.7059	10.9399
0.169556	0.424896	0.274301	0.184575	0.131442	0.137431
0	0	0	0	0	0
0	0	0.0945298	0	0	0
3.54273	2.98415	4.29847	2.30636	2.94832	2.82928
46.0858	34.3975	36.7263	28.2278	65.305	12.3632
7.69112	7.23767	9.948	6.74649	7.0452	9.0148
0.830802	0.534702	0.422927	0.548747	0.564471	0.573829
90.0094	92.5097	91.583	94.2784	95.5826	85.8207
0	0	0	42.9504	0	0
7.67753	6.246	6.7698	7.5555	6.46189	6.67423

0	0	0	0	0	0
11.026	10.8249	7.09445	8.9717	8.28853	10.9004
0	0	0	0	0	0
0	0	0.0417586	0	0	0
0	0	0	0	0	0
27.1857	20.8195	24.0854	23.4168	26.6278	27.1767
0.077317	0	0	0	0	0
3.95792	4.37758	6.06848	5.16592	5.9533	5.60208
3.64339	3.57801	3.57431	3.63559	2.68128	3.45192
6.82711	6.70779	6.77014	8.07718	7.50715	7.25976
0	0	0	0	0	0
0	0	0	0	0	0
0.110558	0.107742	0.149047	0.135395	0.0285689	0
8.17573	7.62996	10.2572	7.69046	8.29588	7.50432
0	0	0	0	0	0
16.0236	13.6891	14.8856	14.2289	13.6884	13.4059
1.8908	1.62705	1.76023	1.92462	1.41455	1.74599
0	0	0	2.02566	0	6.78721
0.737103	0.65969	1.78868	1.20359	0.142853	1.64298
6.92303	6.14638	6.71988	8.50759	5.29528	8.37962
0	0.0614763	0	0	0	0.13919
1.36915	1.2623	2.3097	1.97879	1.60798	1.5837
20.358	18.8112	21.258	19.3397	22.3609	20.8522
0.445012	0.678988	0.571467	0.550967	0.588911	0.981323
1.46145	0.603278	0.965815	0.830636	1.06553	1.51262
49.6518	55.7441	54.9918	57.0622	93.2979	35.4349
2.56926	2.71091	2.7892	1.86456	1.99173	1.26045
0	0	0	0	0	0
2.35318	1.58652	1.58793	1.19866	1.96385	1.79698
7.033	5.10716	3.80824	4.79933	1.70221	9.01529
19.9395	16.5708	18.5661	18.5379	18.0485	18.572
5.70515	9.9501	8.04629	7.53753	6.35057	9.12986
0	0	0	0	0	0
0.516334	0.316873	0.357988	0.481774	0.228726	0.298933
8.73214	5.92087	7.83856	7.65776	8.52835	8.15428
0.0189881	0	0	0	0	0.0153905
9.07804	10.826	9.4697	10.6908	10.6503	9.35817
1.84434	0.720263	2.18348	2.66471	1.72867	1.1823
29.7608	28.4998	26.73	28.3811	20.3099	27.3534
0.270968	0.440162	0.21918	0.230446	0.177235	0.164717
0	0	0	0	0	0
97.8636	102.661	62.2792	67.3317	69.6113	77.3615
49.7079	47.1529	48.6012	49.8511	48.8999	50.2686

21.2989	19.2541	20.6556	19.557	22.796	19.6675
1.62013	1.21154	1.83469	2.15556	1.70251	1.80926
0	0	0	0	0.087013	0
3.27557	2.66544	2.66909	2.14907	2.19258	2.60597
114.625	80.66	89.9994	104.527	116.796	95.0558
18.0218	16.34	20.5294	19.4617	20.0315	20.7344
0	0	0.188621	0.169229	0	0
2.46297	2.08236	2.09822	2.71916	2.09214	1.63528
4.34032	4.18924	4.16984	3.93223	3.64237	4.76596
0.370547	0.442174	0.0999092	0.179275	0.0957511	0
0	0	0	0	0	0
0.240001	0.0572659	0.258732	0.029014	0.0340724	0.129889
9.89522	11.6899	13.0733	10.652	11.2507	8.82245
53.1065	41.7991	51.5019	53.5663	45.7312	49.828
0.225795	0.305367	0.142054	0.200278	0.136142	0.325359
0.0936227	0.16758	0	0	0	0
0	0.112125	0.190009	0	0	0
0	0	0	0	0	0
0.0723235	0.0258911	0.117002	0.104973	0.0840995	0
10.4952	9.66594	10.0062	9.96279	13.3247	13.0252
0	0	0	0	0	0
0.420623	0.935176	0.734189	1.10855	0.29175	0.753633
5.57164	4.63135	3.91321	4.82254	3.48698	5.55137
24.1681	29.1449	25.9943	23.9902	24.1259	22.9893
0	0	0	0	0	0
22.0398	19.329	21.4078	22.353	22.8317	19.2155
0	0	0	0	0	0
13.854	10.5931	12.0132	11.9666	10.4188	11.8699
0.294067	0.210546	0.281113	0.44622	0.0828964	0.368361
0.0436029	0	0	0	0.0338017	0
0.908938	1.60193	1.47139	1.1163	1.35504	1.58679
25.882	31.0957	19.627	25.3287	24.5482	21.4153
0.0870002	0.186872	0.281491	0.220982	0.303498	0.0705166
2.70305	2.30789	1.88721	2.04557	1.86015	1.95358
1.88946	1.35282	0	0.914146	0	1.02098
0	0.170539	0	0.0576195	0.0615494	0.257414
6.66074	6.04438	5.6801	7.88774	8.94608	5.96374
0	0	0.0347764	0	0	0
7.22102	7.63059	6.65022	7.86064	7.78977	6.09969
50.056	62.6853	59.0193	58.638	37.4084	48.3949
5.85041	8.37756	8.47866	8.40304	6.51953	6.42139
0.0855292	0.340833	0.361961	0.209505	0.219508	0.348404
295.67	374.313	400.593	393.999	434.4	532.225



0.0459944	0.0658622	0.0372039	0.0667579	0	0.11184
152.293	191.278	134.369	155.242	148.702	137.804
11.8533	9.82674	10.8354	11.5953	12.5608	12.8943
19.6955	17.6496	17.3542	19.9757	18.8781	19.0671
0.0556857	0.418883	0.090086	0.323634	0.130584	0.0677027
14.5223	10.3205	12.5118	10.5901	9.56863	11.6654
80.6247	79.8369	70.5774	82.0168	77.4659	77.3216
21.9543	16.0517	17.1431	18.1255	19.2962	16.9041
44.8613	51.0998	49.8635	40.4113	45.2347	37.2516
0	0	0	0	0	0
9.77306	4.72675	9.05962	8.05993	7.05412	5.53165
13.4439	10.3741	12.5843	13.0443	14.3243	12.8949
1.19679	0.724326	0.997591	0.815515	0.78274	1.45625
2.71847	3.92636	2.79544	3.23445	2.14902	2.25014
0.0481784	0	0	0	0	0
0	0	0	0	0	0
28.9416	26.4309	30.3394	34.3365	38.7209	31.1294
0.0300417	0.0860372	0.0729005	0.0436037	0.0931553	0.146099
5.03819	4.47744	4.86056	4.6402	3.81138	4.46082
0	0	0.0331539	0	0	0
23.1306	21.908	24.4976	23.3539	22.4302	23.7948
0	0.761762	1.72124	0.579103	0	0
21.3273	22.7148	20.8141	20.9233	20.9102	22.007
26.4556	28.0924	28.8523	23.3109	22.0946	27.0331
0	1.66529	0.578882	1.16857	0.693487	0.580065
0	0.0550678	0.0207376	0.186056	0.0397491	0.06234
35.895	36.0861	38.1065	37.8982	39.7291	38.9267
22.1186	23.867	24.2515	24.2628	21.8893	22.0919
0	0	0	0	0.0913187	0
27.2868	0.739058	29.7496	11.6687	0.451076	15.1768
31.498	33.1553	40.3857	39.7327	32.2229	36.0712
1.96143	1.49661	2.12815	1.68289	1.31417	1.9362
13.1838	10.5905	12.6849	12.6732	13.5568	13.0517
0.591	0.423145	0.119511	0.428899	0.114538	0.638701
0	0	0	0	0	0
0	0	0	0.0105727	0	0
0	0	0.23836	0.0950462	0.203058	0
0	0	0	0	0	0
22.8897	23.2178	23.5038	18.1331	23.4398	29.4153
43.883	33.1322	36.9429	43.9341	30.6472	37.4463
0.898833	0.602687	0.51932	0.486636	0.530887	0.728534
360.06	446.298	426.322	438.184	478.504	433.249
25.6289	29.2434	33.0092	29.8973	32.3195	28.5844

0	0	0.037555	0.033694	0	0
0.129889	0.0557988	0	0	0	0.0421117
0.681386	0.391405	0.489816	0.744922	0	0.620019
2.68757	2.08889	2.09836	2.68052	1.82162	2.28321
0.0524409	0.0187733	0.0212092	0	0	0.0637576
19.1079	26.1539	28.1359	21.8373	19.9905	21.9337
3.90543	2.6711	3.74559	3.64583	4.48375	3.66827
28.0768	23.2558	24.2306	20.3563	28.5866	17.3979
2.28E-07	7.90E-08	2.32E-07	7.63E-07	1.91E-07	2.05E-07
0.177723	0	0.287513	0.38693	0	0
1.92446	1.45924	1.74115	1.69346	1.45006	1.75072
1.12896	0.202078	0.228298	0.204826	0.218796	0
20.3508	21.4216	19.3205	25.0005	18.5881	15.9428
21.2938	18.8697	21.0696	25.5548	18.3508	22.5083
0.38225	0.547367	0.54109	0.451506	0.482301	0.271098
0.743005	0.140817	0.288716	1.10808	0.877968	0.604593
0.692448	1.33861	0.588113	0.628153	0.509957	0.869941
8.48209	8.08062	8.05174	8.69924	8.15138	8.21025
9.29052	6.42087	7.09742	7.07005	7.93571	8.31468
8.85513	8.96973	8.5195	7.4201	7.59979	7.90943
184.534	166.015	198.817	101.965	240.726	63.6917
0	0	0	0	0	0
5.45602	2.60427	3.58578	3.75331	2.99596	2.57967
0	0	0	0	0	0
13.1386	13.5381	6.03432	12.9792	10.6254	10.247
32.0185	29.9934	32.9906	33.9987	30.5811	36.1398
0.6878	0.393962	0.667617	0.598979	0.746471	0.445988
177.236	334.262	262.099	265.936	225.256	257.216
2.08033	1.12197	1.63733	1.09945	1.35411	1.40614
0.598936	0.354564	0.375671	0.408177	0.246016	0.341943
36.4288	35.983	38.2165	35.7514	29.0456	38.2158
17.2887	17.5151	16.2676	19.7163	12.7038	18.4934
0.472204	0.367488	0.398563	0.372486	0.588878	0.615707
117.083	187.477	176.377	154.591	207.056	163.293
4.78718	4.00753	4.64187	5.06754	3.7025	4.35024
5.92638	4.99125	5.25093	4.8851	5.01912	4.65082
1.54984	1.18708	1.63264	1.25553	1.36911	1.13934
1.3261	1.14494	0.412051	0.530289	0.125879	1.07485
26.5422	22.5584	29.4498	27.8541	30.9381	25.0734
0.222728	0.0955093	0	0.0905172	0.0483453	0.119818
0.418689	0.328972	0.338669	0.512185	0.613078	0.772524
6.67726	6.09392	5.02663	5.479	5.86649	5.94615
52.6843	43.7422	73.245	34.0827	28.8426	69.6057

1.24274	0.949095	1.13926	1.11231	1.34874	0.67152
0.794629	0.438159	0.298651	0.864229	0.709523	0.4221
0.818627	0.820569	0.927039	0.950547	0.634612	1.19434
0	0	0	0	0	0
228.875	206.249	199.368	228.016	241.941	200.579
19.4167	17.554	19.6077	20.5798	21.4016	17.1349
51.1631	44.5604	55.3749	51.2577	49.3158	51.9258
0	0	0	0	0	0
0	0	0	0	0	0
17.285	16.4784	15.1584	18.1089	11.734	15.4534
31.6921	31.6119	31.5335	37.5817	26.8827	27.569
0.973896	0.901146	1.37532	1.30966	1.42659	1.22701
0	0	0	0	0	0
17.433	13.9715	17.6219	15.5211	13.9779	17.5536
8.07738	7.4144	8.50972	8.42204	7.99158	6.87614
2.70568	3.5451	2.84514	2.8668	3.2511	2.69745
1.4712	1.83	1.68089	1.63015	1.26999	1.32981
4.87974	5.27763	5.0341	5.28102	4.012	4.5091
7.71496	6.86322	6.88327	7.36506	6.75081	5.81041
1.3432	0.961705	0.845045	0.541547	1.04127	0.967741
0	0	0	0	0	0
0.0276088	0	0	0.0200362	0	0
3.95388	5.12893	4.62801	4.08468	2.88481	3.54408
0.086241	0.084902	0.0871982	0.32571	0.136496	0.0699012
28.5961	17.9295	18.8712	19.0253	26.3136	12.2365
0.296515	0.354333	0.496754	0.356148	0.22977	0.370526
6.15016	4.78063	5.0485	4.83093	5.45105	4.99313
1006.91	2867.53	1307.57	1262.62	1363.45	3153.15
0.313872	0.505634	0.126942	0.0569456	0.364977	0.318004
4.74842	3.67652	4.82352	4.99755	5.59342	5.29132
2.09003	3.08297	2.71478	2.80307	2.79791	3.07934
0.0895081	0.384517	0.289605	0.194873	0.416328	0.217648
5.8566	7.22361	5.01595	4.96457	3.05219	4.90654
0.262403	0.187875	0	0.666506	0.203419	0.212686
13.3959	13.4523	12.2526	12.3639	10.1983	11.0249
17.6023	16.1446	17.6203	17.9084	13.6166	16.6275
100.181	120.955	115.602	112.006	123.835	106.219
3.58467	3.8796	3.85184	3.55558	3.35579	1.90017
4.955	4.62944	4.44166	4.78672	5.79328	4.70093
9.50472	7.27842	10.4133	8.26192	6.94177	8.3591
0	0	0	0	0	0
6.15351	5.74669	7.1656	6.36418	6.61389	7.46939
10.3705	8.16756	10.1155	8.96482	10.0965	9.96311

353.651	364.243	398.604	480.882	325.926	486.172
11.4465	10.1498	9.95662	10.8579	11.828	11.2711
0	0	0	0.0518211	0.0553556	0
9.65304	9.94236	9.74546	8.67606	9.34055	8.68996
0.459079	0.386596	0.606605	0.577777	0.355886	0.667164
0	0	0	0	0	0
10.9451	10.0358	10.3489	13.224	13.5017	12.8841
1.27243	0.216951	1.07E-29	0.534592	0.722797	1.93222
0	0	0	0	0	0
25.8648	23.289	28.5935	29.5177	24.9902	27.072
0	0.0163003	0	0	0	0
46.8896	51.4885	42.1301	43.3428	42.3245	41.0328
0	0	0	0	0	0
5.6354	6.68128	6.3638	6.34637	5.35482	4.12276
7.79513	8.20262	8.63001	6.08563	9.33903	7.2117
8.21733	6.78081	7.37551	8.00074	6.88894	6.69977
0.408756	0.526592	0.165317	0.653823	0.261906	0.450763
143.125	178.331	168.78	142.462	160.058	32.0144
9.13404	9.11802	9.78363	9.78363	10.4223	10.4223
2.12209	1.55936	1.80686	1.37793	1.25545	1.62949
22.4021	22.5434	22.4083	22.1714	24.2238	24.6816
61.5995	56.3405	57.0591	59.579	43.3529	52.7169
0	0	0	0	0	0
63.5837	59.7323	65.4188	63.9508	43.8785	52.7743
103.466	91.4637	92.0193	97.5597	109.123	64.7586
16.4239	14.3548	18.1871	14.1182	15.0597	16.5533
0	0.126514	0	0	0	0
15.4287	11.827	15.7032	14.0888	13.5843	15.1832
1.99599	0.960619	0.644029	0.190806	0.254347	1.00793
11.0327	8.21376	10.9695	8.97733	11.444	8.99775
0.0433214	0.0310173	0.0350418	0	0	0.0351134
27.9197	17.1622	23.4149	23.3378	35.2225	17.4507
35.7825	26.8805	34.8867	33.8316	30.9335	32.6049
12.6111	11.1243	13.0777	12.1639	12.5127	13.9649
0	0	0	0	0	0
0.324544	0.568009	0.145843	0.157018	0.223637	0.263054
0	0.295854	0	0	0	0
1.31596	1.88441	2.30632	2.70588	1.53023	2.84435
4.6464	4.9421	4.66197	5.07251	4.53205	3.54466
0	0	0	0	0	1.0248
15.7925	12.333	13.7401	15.4168	16.3717	15.2914
0.093504	0.0669471	0	0.203573	0.108729	0.0378941
59.706	65.8317	68.5182	64.1563	77.3672	61.2099

40.1084	31.1739	31.0797	35.1334	43.7529	36.5076
1.88429	1.53409	0.91491	0.843942	0.759135	1.65413
0.103579	0.0741604	0	0	0	0.0839541
2.23583	1.39456	2.83285	2.58488	2.64022	2.45117
2.6277	3.24176	3.40079	3.69658	3.00854	2.91624
0.32694	0.364129	0.293839	0.659074	0.394254	0.412216
0.169319	0.638239	0.287644	0.596293	0.387029	1.05677
13.1032	9.95105	12.8505	13.1888	12.5778	12.764
0.0237941	0	0.0384931	0.0518034	0	0.154287
20.5369	20.979	26.3799	24.1956	21.8133	23.1104
0	0	0	0	0	0
71.5848	66.2096	70.9304	65.6267	94.8111	61.2261
0.0497203	0.0355988	0.18098	0.0541244	0.250536	0.1612
4.86052	3.92773	4.26795	4.46264	3.65434	3.92097
69.4861	62.5663	71.1291	67.4434	78.2088	62.7571
0	0	0	0	0	0
39.3887	45.4149	45.7402	45.368	43.084	39.9603
20.6612	13.4687	18.1307	16.93	16.4533	20.8299
1.67394	2.54844	1.87603	3.28144	1.54307	2.67432
4.12833	3.4484	2.64927	2.77632	2.7568	2.63238
8.92897	7.94746	7.78072	9.97552	7.70212	8.19287
30.4996	30.3518	28.3696	27.9717	27.6825	32.0543
17.6421	14.769	15.7047	17.8589	15.009	15.3995
1.51475	1.68705	1.49753	0.854996	0.913311	0.954921
12.8246	10.2752	14.7266	13.4896	15.1197	14.3545
1.34349	1.60756	1.38742	1.24574	0.477565	0.759697
0	0	0.0761902	0	0	0.038173
11.9138	8.5483	11.6643	9.75179	11.0421	11.2388
1.57857	2.22278	3.61781	2.2912	2.20272	3.19871
0.021531	0.0632423	0	0.0312509	0	0
2.10442	3.29596	2.65973	2.14765	1.44445	2.29204
0.0487175	0.0356768	0.082242	0.155834	0.122632	0.161796
0.891577	2.56228	1.75129	4.6546	4.26642	5.94921
40.4223	36.2468	38.2141	36.1873	30.6824	35.5958
9.47804	5.75703	8.68622	9.32968	9.19307	10.2768
11.7719	14.8805	15.3419	14.4488	14.7971	13.5486
2.86275	2.48326	3.02812	3.03642	2.85941	2.32035
14.0142	9.12431	12.7793	14.8581	15.8937	13.8411
149.59	176.679	159.551	157.552	167.139	131.763
7.1551	7.79177	4.29642	5.55444	4.44614	5.02463
1.78701	2.55892	2.31276	3.11247	1.38531	3.47623
8.21739	7.78097	8.88685	10.1111	8.75995	10.3694
30.704	30.0404	16.561	19.9806	22.0502	21.5251

76.2249	120.257	72.924	83.9166	71.8571	59.6157
10.8075	8.05736	9.38163	10.3154	7.65508	9.66377
4.79427	4.88144	4.5579	4.56374	3.90966	4.26442
0.140869	0.201719	0.113946	0.204462	0.109204	0.228358
14.4739	12.919	15.032	15.4838	13.4601	15.841
1.68901	5.00898	2.83389	1.11696	2.01116	1.51584
4.33349	3.12573	2.69048	2.59324	2.39941	2.07259
29.7062	31.6739	32.5979	31.873	34.2095	28.5831
64.7917	65.6488	56.3432	41.3455	56.8777	79.8351
0.311131	0.607224	0.301165	0.309033	0.29762	0.0754451
33.279	31.8948	30.6773	30.5482	32.7253	26.4597
0.216807	5.68E-09	6.41E-09	0.0573553	0.0688758	6.86E-08
1.63222	1.80363	0.843254	1.39672	0.922244	1.43996
0.119322	0.170864	0.28955	0.346375	0.0924999	0.193428
0.428054	0.0620531	0.405755	0.062897	0.26875	0.316118
13.1623	13.3942	19.8131	12.9972	12.8652	13.0821
2.76192	2.61878	2.44054	2.85248	2.52381	2.95047
0.0874124	0.156464	0.141412	0.126874	0.0677635	0.106276
0	0	0	0	0	0
2.61383	2.07561	2.03739	2.01187	1.60874	2.38823
0	0	0	0	0	0
14.1465	13.8339	15.0115	16.939	15.3456	14.3151
0.835366	0.692544	0.497892	2.20161	1.63601	1.10473
0.0426512	0	0	0.0309527	0	0
1.64797	1.44243	1.07466	0.838206	0.649527	0.914214
0.37183	0.597417	1.10019	0.708005	0.13673	0.67924
0	0	0	0	0	0
0.0494791	0.0708522	0.0800454	0	0	0.0401045
41.8183	38.436	38.8233	37.8972	33.3056	43.1356
32.9436	35.7192	26.9536	33.6726	27.9737	26.2966
7.42894	5.24007	6.12298	6.56346	6.81192	7.09279
7.11387	5.15679	6.21637	6.25348	5.91564	6.37242
21.1578	19.3823	22.2626	23.0904	23.0271	22.1548
2.55E-06	0.00050111	7.43E-05	1.96E-05	1.57E-05	5.65E-06
3.21034	3.74721	3.25143	4.131	2.46779	5.75084
16.5139	15.9066	17.2658	16.5541	13.2623	13.995
12.9416	10.5511	10.7436	12.7881	11.424	12.3244
0.108917	0.098903	0.106592	0.0790434	0.168867	0.0196178
21.6094	19.303	18.7237	20.4385	17.9003	17.659
0.0464061	0.0332259	0.0187685	0.117872	0.251823	0.188069
0	0	0	0	0	0
6.83347	10.0624	11.6725	7.89534	9.65104	8.18472
2.19457	1.36375	1.49955	1.09551	0.887402	1.13048

1.33713	1.17101	1.06658	0.850529	0.79742	1.08379
0	0	0	0	0	0
7.41097	6.38761	7.27368	7.38228	7.97727	8.10158
0.840874	0.402708	0.190421	0.227158	0.169627	0.239475
59.6556	63.3679	56.1243	60.1187	58.7046	47.5224
23.3141	20.5283	16.1438	14.6977	12.1402	12.9319
10.7448	9.70538	8.46674	9.83737	8.79579	10.4059
11.6075	11.5906	11.0071	11.8335	9.42623	11.0322
0.459345	0.0173096	0.449777	0.403535	0.318608	0.489887
13.5657	9.56331	10.5677	11.4597	13.6102	13.3164
9.08984	6.18885	7.74308	6.80271	7.53566	6.83057
134.512	157.545	141.317	123.013	144.308	123.884
2.39343	2.51759	2.91595	2.6376	1.3973	2.34711
0	0	0	0	0	0
0	0	0.0402114	0.0360772	0	0
22.2733	28.8122	23.5052	42.7087	18.9853	55.6881
2.38658	1.44294	4.2899	2.96361	5.05697	3.43893
0	0.0342326	0	0.104094	0	0.0387534
19.1392	24.1557	21.8278	24.1949	19.7428	22.769
1.93927	1.30857	1.34294	1.13399	1.20052	1.42484
11.8934	19.0054	13.6443	14.2841	10.1853	9.52098
0.381978	0.264112	0.144455	0.215553	0.159446	0.177707
29.5917	0	23.9361	0	0	0
33.6613	31.8129	32.9458	29.6807	33.5316	24.7826
3.82289	2.33129	2.78385	3.05541	1.86305	4.77008
0.344714	0.488825	0.341909	0.52378	0.287381	0.363681
1.54211	1.13317	0.656515	1.08968	0.660651	0.888107
0	0	0	0.0900209	0.0240378	0
6.33952	9.4435	7.67465	7.13263	7.22331	7.41446
21.5669	19.2729	20.1618	21.8192	22.9727	20.2277
0.0551597	0.0789865	0	0.0400304	0	0.0298058
9.89157	10.368	9.65793	10.8665	7.3264	9.33092
616.847	593.876	615.705	632.087	652.662	589.713
0.345993	0.433518	0.443123	0.460338	0.156461	0.327179
3.57817	2.92256	3.67787	2.99469	2.83997	3.18157
0.0167435	0.0479522	0.0135435	0.0121511	0.0259597	0.0271424
0.144917	0	0.0586101	0.105169	0.112342	0.05873
72.0795	84.5174	87.7784	91.4307	94.4379	82.7747
0	0	0	0	0	0
1.61351	1.4303	1.42944	1.05944	2.14426	1.30781
7.40039	6.8307	8.26642	8.40245	6.65148	8.32058
19.1082	17.4539	17.1354	19.5068	20.961	17.4868
4.43013	4.14785	4.41039	4.00112	4.03814	3.9459

20.0898	19.3557	20.8427	19.8884	19.6705	19.257
0	0	0	0	0	0
1.68869	1.88267	1.79119	1.18536	2.5962	0.338203
13.2832	8.31286	11.2113	8.09397	8.07833	3.41489
1.22813	1.11116	1.15913	0.618965	0.980922	0.990745
93.1769	100.039	74.1544	77.785	81.3776	87.832
2.4985	1.41634	2.53621	3.25985	2.30867	2.83331
1.78031	1.18674	1.6759	1.54449	1.08266	1.7913
0.478472	0.171288	0.193513	1.04171	0	0.193909
77.0737	83.7754	89.673	82.5996	83.5611	82.6215
0	0	0	0	0	0
1.79902	1.62408	1.32866	2.83823	2.1829	1.96536
24.7601	29.7245	27.7111	25.017	26.42	23.7885
1.25946	0.498615	0.934856	1.06456	0.620272	0.70858
17.7699	13.6329	15.6955	15.1975	15.8493	15.6491
69.0984	64.9604	76.6176	66.4044	95.8867	37.7436
9.67416	6.05504	6.53381	8.2826	5.35508	7.57217
57.1774	63.2194	53.0794	51.6281	50.1173	49.1942
0	0	0	0	0	0
25.4809	22.6838	21.7725	26.252	18.8831	22.3146
0	0	0	0	0	0
2.33361	1.67082	1.22694	2.45563	1.80905	2.45891
0.120094	0.143309	0.291425	0.290515	0.310329	0.162234
28.5325	30.9096	33.0617	30.7195	32.9527	32.5909
4.58205	4.10083	4.5854	2.11027	6.32999	2.09503
0.983647	1.04481	0.877207	1.28493	0.916779	1.05046
12.3974	10.4274	10.957	11.5352	12.3017	11.9525
0.171125	0.061261	0.645956	0.765827	0.198988	0.531692
0	0	0	0	0	0
3.63971	3.44191	2.96467	3.60068	2.18516	2.84153
8.50065	7.34185	8.7906	7.63002	7.70541	8.75758
0	0	0	0	0	0
0.208779	0.298963	0	0	0	0
62.2476	74.4453	76.9436	69.5349	84.6792	74.3727
0	0	0	0	0	0
0.194654	0.104526	0.196814	0.105948	0.0377247	0.197217
0.488706	0.48918	0.395304	0.442869	0.510789	0.267811
7.60236	5.7749	6.27413	6.26459	5.3486	6.32164
11.9976	11.416	12.5202	11.1598	9.38024	11.0837
0.0645865	0.0972672	0.0612159	0.0803435	0.080004	0.0706649
0	0	0	0	0	0
26.2687	24.2167	27.868	24.6706	30.3462	19.9
0	0	0	0	0	0



0	0	0	0	0	0
4.36457	5.51457	5.69661	5.17731	3.96859	5.23449
3.07681	5.34305	8.76336	6.58315	4.19926	5.81902
148.553	144.182	176.199	192.591	183.024	131.765
5.75819	4.54833	6.16017	6.47044	5.01102	5.32965
41.8724	35.9037	41.9997	49.2965	47.0025	44.0303
0.210071	0.45122	0.339844	0.426866	0.0977101	0.340539
3.22354	2.85091	3.32908	3.22965	2.9052	2.52226
0	0	0	0	0	0
0.187079	0.26789	0	0	0	0
7.66531	5.65286	6.51033	6.78668	6.0314	6.21299
8.97461	7.94343	6.88389	6.34459	6.27352	8.80432
7.69332	8.81346	7.03994	7.31067	7.03333	6.63959
53.4289	49.1651	50.535	61.5982	57.2333	53.7878
4.71771	3.98375	5.4685	4.92014	5.37775	5.23366
0	0	0	0	0	0
0	0	0	0	0	0
0.998276	1.42949	0.576775	0.517476	0.331663	1.2715
0.477662	0.390853	0.386371	0.297127	0.634784	0.276544
0	0	0	0	0	0
0.39512	0.617233	0.5811	0.391017	0.389841	0.26203
8.71854	7.29495	8.76747	10.4213	10.7346	10.8911
50.2117	50.7459	52.1115	48.0432	52.4435	50.7023
14.0687	12.5306	12.5315	13.0032	11.8276	11.8383
0.645689	0.0981733	0.57342	0.409626	0.288486	0.206356
116.263	130.968	126.292	125.346	115.439	112.752
0	0.0383859	0	0	0	0
0.486404	0.388026	0.349727	0.431435	0.209482	0.262831
7.23398	5.94874	5.75799	5.73453	7.55668	5.57805
11.0104	10.8052	12.6065	9.14912	13.9165	8.62916
0.821389	0.552762	1.50841	1.0725	1.2099	1.1197
0	0	0	0	0	0
1.78239	2.00539	1.6477	2.46383	2.43448	0.756739
11.2869	10.3866	10.614	10.1007	10.3333	15.9676
0	0	0	0	0	0
2.6652	2.08997	2.4638	3.86837	2.65642	3.08605
0	0	0	0	0	0
0	0	0	0	0	0
33.7755	30.351	33.0977	32.3586	32.6564	32.0347
7.52176	5.85471	7.47274	7.29336	7.83917	6.45083
54.2637	62.2657	55.0259	59.3652	61.2393	54.4664
31.178	28.0193	30.1768	31.8037	47.9883	27.2893
12.6375	11.6605	11.3905	11.4586	10.3846	9.51777

3.24519	4.08615	5.70252	4.06051	3.03622	4.80717
60.4228	46.7149	42.0742	41.5539	67.028	20.7125
0.0156466	0	0	0	0	0.0126821
6.45352	6.21297	5.02791	6.9336	6.46289	5.12153
0.177723	0.318115	0.359391	0.709372	0.482207	0.576201
1.05E-09	1.86E-21	8.80E-09	1.24E-10	3.65E-10	7.77E-15
18.213	17.3869	22.0982	20.1934	22.4531	19.9906
0.255508	0.609797	0.206675	0.309045	0.330123	0.207098
0.9699	0.749793	0.784532	1.02859	0.710365	0.9115
0.362627	0.0865276	0.260658	0.116925	0.249804	0.424414
3.98059	2.45885	2.8789	2.87746	2.19032	1.85993
0.180455	0.230095	0.163643	0.187031	0.199077	0.176981
6.75884	7.23812	5.60727	6.3304	5.41869	5.66556
0	0.0296592	0	0	0.128452	0.151092
0.0343006	0.0736756	0.16647	0.149355	0.0531807	0.0556035
108.362	111.79	108.198	112.565	110.494	123.946
0	0	0	0	0.0306998	0
5.62049	6.0784	6.01858	4.86659	1.91872	5.84139
1.86461	2.03366	1.67235	2.93773	2.93588	2.31006
0	0.0524299	0	0.0118095	0	0
0.586926	1.26068	0.949506	0.638914	1.81998	1.42717
18.9744	18.4692	18.9862	17.3585	16.9029	17.0211
4.61091	3.09701	4.55578	4.42529	5.12299	5.35638
0	0	0	0	0	0
16.2546	14.6426	17.3503	16.4538	14.9452	16.8654
1.19068	0.852501	1.81065	0.760403	1.84606	1.81436
0.0456284	0.0181495	0	0	0	0
19.5273	15.7407	17.7709	16.5896	14.3608	14.7497
14.5534	11.8212	14.4292	13.5161	14.2977	14.0594
0	0	0	0	0	0
227.275	253.515	260.274	248.772	276.204	213.093
0	0	0	0	0	0
3.40026	2.6453	2.86945	3.35426	2.75004	2.83953
44.6672	45.9213	37.8675	37.5761	42.5065	39.6855
23.6513	25.5069	21.1491	23.5685	18.4896	20.6896
0	0.0462291	0.0522274	0.0117145	0.0143011	0.063964
0	0	0	0	0	0
3.05887	2.34	2.94969	2.94802	2.88857	3.63439
703.891	620.31	678.765	739.839	791.275	668.419
1.41942	1.64031	1.5712	2.0602	1.04244	1.25141
0.224743	0.250307	0.18179	0.289956	0.212941	0.242883
36.8533	41.9833	37.0956	37.3106	32.3208	33.7499
0	0.030715	0	0.0311327	0.016628	0.0173856

0.947402	0.135664	0.306534	0	0.293776	1.22864
49.1413	59.6322	56.7014	55.9853	47.4789	40.7093
0.00509914	0.0750055	0.0242034	0.0823396	0.0246455	0.0727585
40.9181	27.1923	31.1707	38.2589	30.3585	21.1082
27.1736	24.9768	27.0816	29.1961	34.5297	27.0372
14.5377	10.8548	8.94543	11.8045	14.4208	12.7933
0	0	0	0	0	0
1.98083	1.3059	1.65417	1.00852	1.196	1.598
0	0	0	0	0	0
4.85652	2.62686	3.99696	3.50138	3.83061	4.07389
8.18786	8.2564	9.98651	8.89756	6.11473	6.74078
24.5807	28.1676	16.6891	19.8748	18.2893	21.634
3.66203	3.77036	3.55727	3.89651	3.2313	3.2491
0.110045	0.0923323	0.120168	0.093588	0.0719782	0.120414
0	0	0	0	0	0
1.43192	0.533324	1.55408	1.32	1.57544	0.843245
0	0	0	0	0	0
0	0	0	0	0	0
9.23182	6.93784	8.11597	8.01304	8.32871	8.02116
19.6483	19.0481	21.7656	21.2918	16.4116	21.0378
0	0.051612	0.0583086	0.0261569	0	0
0	0	0	0	0	0
1.38657	1.21248	1.00616	0.902718	0.719235	1.23389
31.1976	32.4508	33.3661	35.7169	32.5907	32.8664
1.87824	2.07481	2.92279	2.68721	2.78729	3.36374
0.633454	0.138034	0.757444	0.399747	1.13158	0.26788
1209.62	1073.23	1206.64	1033.82	1168.85	956.807
4.11186	2.96734	3.49806	2.77638	2.54513	2.16652
1.61621	1.6531	1.73932	1.79334	1.50306	1.79797
0.0330709	0.0710343	0.133752	0.216001	0.025637	0.187635
0	0	0	0	0	0
12.0163	9.37608	10.273	10.5083	15.6701	11.3017
24.3644	26.5172	28.0763	23.768	23.7914	21.3355
32.5539	33.7432	35.532	34.9601	37.4795	29.5373
1.14648	0.53534	0.766081	0.904368	1.12062	2.26254
3.3938	2.54133	2.70205	2.19781	2.05644	2.27417
282.923	257.333	273.874	215.873	367.054	92.6301
8.80835	9.50913	10.2524	7.98427	7.61726	8.09236
9.83004	7.622	8.67335	8.8933	8.30384	9.67364
4.56859	3.89868	4.24089	4.50224	4.43032	4.30422
26.9209	25.1626	26.7447	22.8925	20.2698	21.798
0.27512	0.295471	0.778887	0.499149	0.213277	0.445988
2.74391	3.06552	3.63136	2.7443	3.06139	2.72927

243.695	266.421	245.339	255.875	213.968	227.605
48.379	54.7172	51.0677	51.9607	42.5267	43.0843
1.71139	2.88117	1.68362	2.65181	2.36654	1.64957
3.19047	2.88176	3.33507	3.02781	1.94059	1.7903
0.515617	0.369172	0	0	0	0
14.3603	11.829	11.9823	10.6871	11.5782	13.942
111.416	100.009	101.612	120.038	129.085	78.4503
0	0	0	0	0	0
3.62896	3.32903	4.2655	3.95041	3.60445	3.58483
25.4386	26.0151	28.2731	28.0876	22.1925	24.2391
6.87093	8.60904	6.61036	4.81637	5.02381	6.79264
9.37708	5.65992	6.56409	5.06024	6.01132	8.03961
0.00927931	0	0.00643358	0.0259746	0.00616583	0.0387341
3.14323	2.98272	2.9107	3.03764	2.6735	3.24555
16.2035	15.4385	17.5436	16.0602	16.7157	14.0023
41.9777	43.4993	38.3362	38.7842	30.2323	34.6097
0	0	0	0	0.0159835	0
32.2727	25.7357	33.3802	33.2701	37.197	29.8281
1.72576	2.10054	1.67512	2.47352	1.73919	1.71352
53.1377	45.216	43.9717	54.4184	64.3882	48.5755
610.601	496.286	462.189	538.911	862.05	211.112
0.347223	0.443938	0.581785	0.593967	0.11536	0.261334
0	0	0	0.0192544	0	0
39.3642	40.9152	38.0041	37.8867	34.252	33.7715
0	0	0	0	0	0.0175901
5.92836	5.68026	3.45546	4.7452	3.64957	2.54389
0	0	0	0.119481	0	0.0667225
16.6308	23.1531	42.0592	20.0037	29.008	32.597
0	0.0659252	0.074479	0	0	0
8.65048	6.16149	5.90955	8.03429	5.24665	10.8261
0	0.181903	0	0	0	0
21.4685	20.2187	23.0428	21.457	20.7659	20.3932
6.73771	6.92122	5.76172	6.1949	6.54364	7.76324
6.72467	6.77806	8.64403	7.1566	6.9622	7.4559
0	0	0.017136	0	0	0
3.96661	2.7394	4.26713	4.77695	3.65764	4.78981
5.31558	4.78851	7.04863	4.98011	7.04238	5.86233
0	0	0	0	0	0
12.2876	19.5158	14.078	14.4861	9.0539	15.2081
0.318127	0.61139	0.650088	0.595403	0.350456	0.461421
71.4286	64.5718	62.8453	72.1285	86.7321	62.5929
68.2447	48.8619	0	0	0	0
0	0	0	0	0	0

3.17881	2.06906	2.51283	3.35552	3.08032	3.27922
8.60807	5.55721	7.95669	8.19675	8.69653	5.66824
0	0	0	0	0	0
8.54508	10.3821	6.42653	8.72241	8.81843	8.2951
5.57866	3.09055	3.3282	2.91275	2.73961	4.27617
0	0	0	0	0	0
14.0434	11.2554	13.5635	11.9662	12.6469	10.5332
14.2947	14.4734	3.45708	8.62465	4.33288	5.53215
40.3551	30.9533	32.8114	29.0262	22.7083	27.4465
2.60919	1.297	2.9326	2.12014	1.68999	2.26663
45.2776	32.6838	44.979	36.2216	47.5219	30.4917
31.5719	26.3154	30.6121	30.1004	31.3212	28.0647
2.60788	1.17417	1.67581	2.17931	2.15662	2.09739
2.74608	4.42382	2.55444	3.18861	3.72541	2.33708
10.4146	10.2771	9.35204	11.0568	7.93406	9.6176
8.16988	7.00398	5.36212	5.90303	3.83339	5.83779
13.1797	12.1536	7.37689	10.1198	6.93304	6.17587
0.11173	0.0799966	0.150627	0.0540564	0.144358	0.090561
0	0	0	0	0	0
0.0963625	0.0229979	0.0519638	0.0466213	0.0747017	0.05207
1.02548	1.43264	0.768799	0.653455	0.814361	0.669006
42.0267	41.8188	40.6601	37.0239	37.5032	36.6656
5.41069	3.66885	5.46419	4.47223	4.56034	4.94531
8.34202	6.31814	7.74623	8.03142	7.29327	8.31137
3.18075	2.59319	2.61306	1.88506	2.42685	2.44316
14.914	16.4021	16.1739	19.5039	9.78034	15.8716
0	0	0.707624	0	0	0
0.176219	0	0.120268	0.0959138	0.102456	0.254521
69.3489	67.4607	68.8996	70.3761	72.122	54.7091
14.9033	11.6729	14.496	12.7723	14.6055	13.5699
19.5843	17.4753	20.0647	20.1078	21.5303	19.4483
220.707	274.626	243.567	181.287	343.88	148.152
90.6867	70.88	89.2551	83.3719	76.8019	91.461
0.570462	0.28481	0.441462	0.449846	0.270225	0.282536
9.86176	7.25861	8.55793	8.6604	8.13752	6.85139
0.786254	0.686087	0.973852	0.677586	1.40957	0.637286
30.2747	29.844	24.9079	24.859	20.1034	24.8779
13.9435	21.9811	15.428	14.3494	11.0261	9.86536
12.3883	15.8176	13.2512	15.1591	13.2041	16.1528
0	0	0	0	0	0
367.277	319.009	767.637	369.67	454.226	88.9034
0.248065	0.236813	0.401309	0.420058	0.256405	0.335108
23.8914	17.6382	16.3517	17.1457	14.4741	16.9744

15.5659	13.0405	13.2547	14.0055	11.898	15.182
141.879	159.256	115.034	37.373	40.7048	43.2788
5.06328	3.69112	3.81634	5.26123	4.83505	5.05533
0	0	0	0	0.0553021	0
0.253189	0.362557	1.6384	0.367488	0.785105	2.87306
0.561997	0.421314	0.390411	0.254307	0.281903	0.246515
0.152435	0.109141	0.215778	0.248906	0.0886277	0.0926655
6.19104	4.73685	4.96532	7.27654	5.52124	7.75511
6.77987	5.60949	4.79475	6.42219	5.78246	6.18738
9.76043	9.20914	7.78182	8.65736	3.95948	7.06047
3.21976	2.12795	1.94174	1.88037	3.05724	3.30462
0	0.190425	0.645399	0.193015	0.20618	0.431146
7.40115	7.63271	6.32912	10.4924	5.52745	20.4021
0	0	0	0	0	0
31.0431	23.072	21.3307	29.239	20.1451	25.4754
0	0.0276855	0	0	0.029976	0
0.100575	0.00346078	0.0541301	0.236622	0.0349937	0.105303
11.2228	11.0485	11.893	10.7912	10.9378	9.9055
37.8819	42.1195	42.7002	44.1123	47.6366	21.9977
0.261237	0.0623468	0	0	0.0675049	0
1.76184	2.12402	1.07613	2.65742	1.52944	1.68052
0.1852	0	0	0	0	0
11.1349	9.99926	11.4202	11.3418	10.3597	11.6621
33.096	36.7812	32.9297	34.8611	30.2123	32.3962
7.28104	5.77211	6.37273	7.27265	4.54632	4.48755
5.86497	5.53653	4.38145	3.00924	5.84979	4.84459
0.153063	0.167436	0.277618	0.132077	0.235121	0.114993
2.31233	2.02295	3.13968	2.32016	1.83623	1.48101
18.141	18.9075	24.9364	27.1221	23.142	24.1963
0	0	0	0	0	0
0.156783	0.0898027	0.101455	0.136536	0.0972322	0.127078
18.521	18.8632	44.6699	77.8087	46.1119	34.5064
6.63123	7.29675	6.59492	6.41391	8.60819	5.76253
3.52156	1.05057	0.474753	1.91674	2.27497	2.14076
5.20323	4.96721	3.74114	7.55215	3.13726	9.37198
0.0211168	0	0	0	0	0
236.655	182.474	265.05	264.222	239.907	398.388
127.225	146.391	133.55	126.526	137.756	147.955
1.0524	0.482003	0.638871	0.50971	0.52188	0.47482
32.4833	30.4165	30.8116	32.285	30.3822	30.227
0.425994	0.305003	0.344578	0.154576	0	0.345282
42.8363	69.5201	21.4471	78.2011	90.6875	30.2385
0.203958	0.0973533	0.109985	0	0.210815	0.0551049

5.7661	4.54681	4.82611	4.524	3.92581	4.84938
35.0185	31.1539	31.8438	30.6282	39.5047	34.2916
0	0	0	0	0	0
3.90695	3.31476	3.17977	3.32348	2.22444	2.66197
1.36367	1.24641	1.12651	1.83188	1.37203	1.2464
0	0	0.026429	0.0237143	0.0253286	0.0529743
0	0	0	0	0	0
3.52E-25	9.95E-97	4.52E-179	1.09E-27	9.65E-43	8.18E-57
0	0	0	0	0	0
0.0399066	0.0285723	0.080699	0.0579218	0.108277	0.0485184
8.17224	8.64962	7.87495	6.24017	7.65748	8.10229
10.7945	10.8586	11.6538	11.0383	11.7566	9.71471
0	0.2867	0.0647798	0.11624	0.434587	0.194737
10.4212	10.977	9.99288	8.5485	7.12707	10.6272
0.824951	1.62429	0.834108	0.947913	0.586222	1.61591
29.7442	27.2303	32.1183	32.8609	30.6696	33.1436
0.749105	0.19368	0.302968	0.362426	0.209704	0.252989
1.7096	0.865839	0.461235	1.07542	0.45956	1.21951
0.617907	0.381387	0.654926	0.355648	0.41294	0.673536
24.8099	45.4202	31.1522	16.2879	19.8444	23.7982
0	0	0	0	0	0
4.00531	3.72804	4.04977	4.9705	5.09217	4.99952
7.14808	6.51371	7.14981	6.34531	6.06722	4.99949
12.3813	15.7939	14.2935	13.677	12.271	12.322
13.7238	13.7677	12.2449	11.8718	13.8936	14.9625
0.627313	0.655056	0.56234	0.644963	0.225093	0.236846
0.617165	0.50816	0.299528	0.268733	1.02864	0.525245
3.02133	3.43239	3.14211	3.1211	2.77235	2.99861
1.49562	1.60625	0.604889	1.28891	0.942036	0.757657
0.019428	0	0.0157149	0	0	0
63.7886	67.7026	68.5726	73.3404	63.7086	64.2011
11.0968	11.5175	12.0194	12.397	10.5287	10.7089
5.91266	5.40462	6.0206	5.26594	5.22661	6.07456
0.184544	0.226065	0.183732	0.266317	0.254024	0.0758415
25.0943	25.3005	12.4275	19.3264	17.4684	15.3586
2.89407	5.49644	3.31761	3.6639	3.55795	2.89894
9.26169	7.80479	9.32179	8.68451	9.13652	9.24304
0	0	0	0	0	0
17.3176	15.6702	17.7713	16.4562	15.0525	16.8411
0.265794	0.313818	0.125414	0.318086	0.0901445	0.192432
0.389299	0.313263	0.122453	0.265038	0.264457	0.33508
5.57954	5.4002	6.40959	5.06476	5.12842	5.81873
0	0	0	0	0.0658726	0

67.4332	65.0796	71.8853	79.6226	83.6791	61.976
0.169893	0.149108	0.146289	0.103408	0.174189	0.208777
0.834261	0.87938	0.468623	0.706344	0.736556	0.732546
0.112211	0.107126	0.151388	0.1901	0.0871378	0.0910721
1.07827	0.43762	0.98105	1.03588	1.03143	1.4098
17.4023	15.5679	17.4459	17.6307	22.2339	19.5091
26.0588	26.2221	27.9898	27.1448	22.5099	21.4089
11.1337	13.0834	14.0271	11.6623	12.1887	10.387
1.09705	1.61121	1.0694	1.44939	1.00309	0.911993
0	0	7.0489	0	0	0
0	0	0	0	0	0
68.6301	71.7402	77.5226	85.7613	89.0397	93.5346
6.92626	6.58848	10.0045	7.46796	9.69038	4.86544
0.136601	0	0	0	0	0
0.701963	1.36898	0.276457	1.45266	0.88056	1.47101
127.734	116.924	120.215	142.568	137.564	133.784
1.28948	1.18593	1.21406	1.05707	0.881564	1.43142
0.0237499	0.034009	0	0.0172357	0.0368226	0.0481253
16.9019	14.8454	16.9724	15.6676	17.0782	14.1688
0	0	0	0	0	0
5.93484	3.79906	3.32078	3.66959	3.38954	4.22383
0.232182	0.254456	0.344979	0.566681	0.289467	0.311352
5.54504	3.44947	6.17644	6.487	7.07038	6.55747
7.7433	5.7876	6.94037	7.92552	7.44995	6.11957
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0495221	0	0	0	0.056062
35.4467	53.6343	39.0342	32.627	36.2288	36.4331
52.8666	70.6991	68.1741	52.8792	57.1295	54.9088
3.18615	2.58071	2.53038	2.2438	3.13042	3.1323
0.421413	0.150862	0.170436	0.611654	0.326686	0.256177
0	0.0569077	0.0642914	0.115363	0.0616157	0.0644229
2.80203	1.79815	1.89715	2.13893	2.71925	2.64125
18.7719	14.2309	17.4469	19.7133	20.0307	17.7809
1.0731	1.23073	1.30796	1.51861	1.58085	1.91816
0.186135	0.133269	0.301122	0	0.288589	0.150869
5.19009	4.25033	4.19816	2.95415	3.65528	5.66398
0	0	0	0	0	0
14.2597	12.066	13.428	17.9935	14.6936	17.6175
5.21568	4.13575	4.67396	5.39871	6.18624	5.23454
2.14997	1.38389	1.80932	1.74936	1.11128	1.74263
7.39535	6.48199	8.61038	6.76447	6.1209	7.94802
0.109309	0.0195658	0.0663136	0.0396639	0.127107	0.0442994



105.871	101.579	109.802	111.639	115.285	106.778
367.035	388.924	370.017	357.111	365.272	371.903
0.700832	0.72434	0.404732	1.00537	0.178309	0.521851
26.0412	23.1158	30.2147	29.7703	31.6272	36.1547
12.6628	10.7696	12.9891	12.2	11.2404	11.2033
5.12502	2.43702	3.10009	2.90265	2.91329	3.01659
0	0	0	0	0	0
0	0	0	0	0	0
0.383868	0.595491	0.207002	0.65002	0.495967	0.518563
8.02773	7.78907	7.48872	10.3755	11.3103	7.88395
1.02697	0.705877	0.797465	1.07322	0.509517	0.898983
0	1.34443	0.911319	1.36271	0.582261	0.608788
2.56788	2.54633	2.1898	2.64357	1.92894	0.968291
0.0243981	0	0	0	0	0
0	0.0239681	0	0	0	0
11.6524	18.0691	15.9283	12.0375	10.5708	14.0221
2.21367	2.57554	1.7906	1.6065	1.02964	1.97368
44.5407	48.5023	47.1723	41.6907	47.3471	33.5752
1.56471	1.06235	1.63663	0.978909	1.46395	1.22451
33.7445	40.5034	44.5523	40.2025	37.0874	38.4569
0.216638	0.591059	0.0725073	0.830124	0.0915499	0.57375
13.8274	15.5727	14.1834	13.9272	17.2778	15.89
0.650848	0.36244	0.116991	0.41985	0.448486	0.351689
2.08516	2.16328	1.43401	1.35907	1.18074	1.81157
5.41339	24.6588	18.6065	15.0782	11.5781	17.3806
36.2693	39.2046	38.2835	37.4754	34.5468	26.2337
0.0469603	0.0672453	0.0379852	0.0340799	0.218426	0
17.1866	13.355	15.5961	16.6228	16.7248	15.8265
7.58	5.84761	7.42666	7.43795	5.95897	7.22558
1.03709	10.148	8.38879	5.01755	1.60793	2.52178
0.0359119	0.160701	0.339301	0.263877	0.261381	0.116431
0	0	0	0	0	0
50.5091	56.0077	66.8948	45.0768	44.5579	59.5952
16.5207	17.2878	27.216	26.8333	20.3131	16.9222
14.77	12.9489	14.5291	13.5007	11.3782	12.7917
40.0436	36.9353	35.1411	35.9658	26.6922	43.5557
23.7571	25.3707	23.3577	24.6716	20.1029	24.2733
0.180335	0.0242097	0.123076	0.2004	0.139798	0.277492
69.9863	58.5081	75.9507	73.007	73.6689	69.9941
0.461106	0.570247	0.169536	0.395475	0.454945	0.441695
0	0	0	0	0	0
0	0	0	0	0.574793	1.55774
3.1443	4.21275	3.55063	3.00484	3.45117	3.17939

11.0128	9.80403	9.97636	10.8959	8.0103	7.74553
11.5367	11.8585	11.5373	13.7232	6.95272	7.24097
13.3552	11.5847	11.8809	12.7896	10.5634	11.8418
15.0087	17.6468	13.6816	15.843	16.7466	16.0509
3.86295	3.22467	3.41632	3.56714	4.11624	4.67273
36.6798	38.2778	49.8786	44.2316	24.0228	35.5193
3.43614	2.38587	2.96269	3.05543	2.81743	3.07586
1.49565	4.54E-05	1.11E-06	2.43279	7.84E-07	3.76E-06
32.8872	32.2334	40.5425	36.7259	33.2133	37.9575
3.3032	2.70567	3.94206	2.98245	2.40948	2.88479
4.71852	3.99658	4.3345	3.05257	3.30194	3.5436
48.7742	43.8904	47.0746	49.7661	51.9483	50.7472
1.77503	1.12701	0.893979	0.972204	1.29814	0.895807
1.04806	1.0642	1.45837	1.11402	0.793597	1.20473
10.0384	8.61314	7.3106	8.52489	6.91111	7.29215
0.284777	0.25334	0.30509	0.172934	0.310499	0.286796
0	0	0	0	0	0
3.14488	1.88656	2.11988	1.93277	2.22932	2.56035
0.448853	0	0.302557	0.217161	0.057993	0.181905
13.6734	9.83333	12.2715	12.423	10.7021	11.5406
5.64212	5.75652	5.57184	6.77025	5.18927	4.38668
17.7875	13.5053	16.2458	16.0532	16.6303	16.5826
6.53162	6.82807	6.3279	7.55174	5.85277	7.77004
0	0	0	0	0	0
2.10514	1.74929	1.11171	0.960479	1.98685	1.7534
5.7179	5.44354	7.42048	7.15917	6.47842	8.0468
0.266782	0.317667	0.301313	0.573411	0.0686593	0.216493
0.169605	0.0611198	0.0690075	0.143541	0.110707	0.158878
4.4439	3.37076	4.80463	5.10893	4.84343	6.86506
0.354206	0.165619	0.0350824	0.241312	1.32648	7.25966
0.190951	0.136718	0.154457	0	0.148028	0
0.629736	0.661612	0.583147	0.649831	0.758118	0.259375
0	0	0	0.0344154	0	0.0745457
7.30637	5.18012	6.34037	6.34306	9.43667	3.94454
0	0	0	0	0	0
0	0	0	0	0	0
32.2048	28.2826	28.6804	31.5167	23.5335	29.5101
0.18036	0.24392	0.226939	0.349041	0.0776765	0.536021
0.196647	0.140796	0.159064	0.174424	0.0338764	0.159389
0	0	0.0307144	0	0.0294362	0.0615545
0	0	0	0	0	0
0.429815	0.553931	0.0695338	0	0.13328	0.069676
27.8839	25.6508	25.3556	29.4615	29.2739	29.9142

8.26694	7.09572	6.78251	7.15546	6.66818	7.65246
0.158203	0.201369	0.227497	0.112077	0.102201	0.491766
13.4279	12.1813	9.90674	11.9401	9.74581	11.0632
0	0	0	0	0	0
0	0	1.23122	0	0	0
0	0	0	0	0	0
0.570789	0.166765	0.370765	0.51835	0.347676	0.325564
2.01088	1.38216	1.43137	2.56842	0.935317	2.08625
0	0.212972	0.192484	0.0863472	0.0461183	0.0482194
0	0	0	0	0.0249006	0
7.57219	6.817	5.21672	7.71687	5.83254	5.44236
15.2538	13.4632	14.283	15.4546	15.9061	14.8351
0	0	0	0	0	0
0.0225475	0.0573994	0.109429	0.0736341	0.211498	0.122175
45.5317	64.2088	55.2445	65.0318	54.1255	64.4996
7.84149	9.33862	12.0177	11.4712	14.6008	10.5776
121.735	101.879	110.017	126.753	138.343	120.465
0.169786	0.0650027	0.231756	0	0.127965	0
0	0	0	0	0	0
0	0.418379	0.353103	0.74344	0.341711	0.472753
3.30E-08	1.93E-08	3.68E-08	3.61E-08	2.06E-08	9.69E-08
13.4563	10.8271	8.92957	12.7995	10.9633	15.619
0.323221	0.226565	0.128499	0.161746	0.329843	0.305766
11.4529	11.515	14.9407	13.3106	14.5476	14.2768
0.984619	1.05745	1.13094	0.786011	1.08387	1.32479
0.550619	0.269738	0.398502	0.441657	0.426849	0.328849
69.4971	77.1307	76.3152	75.3062	75.1149	79.1273
33.5083	23.0442	32.1284	28.7596	19.1988	48.5148
0	0	0	0	0	0
11.7414	9.43153	11.0688	9.10221	9.48524	10.7876
61.1905	52.4635	62.2652	60.8316	67.3813	54.4661
1.46829	2.96682	0.885641	1.33607	0.743324	1.03998
0.0463227	0.0442216	0	0	0.0359101	0.0166872
7.42624	7.20669	5.6341	8.56307	5.37266	7.61572
21.2313	22.0105	20.143	21.6611	24.331	20.3881
0	0	0	0	0	0
0	0	0	0	0	0
16.3162	11.5122	9.50077	9.78163	13.3003	15.7649
6.9115	4.82682	5.94407	5.4328	6.06057	5.94967
7.52873	8.19464	8.22832	6.91059	7.40574	7.88961
0	0	0	0	0	0
2.40305	4.07832	2.37573	2.2176	1.5639	3.43863
0	0	0.00594855	0	0	0

136.587	125.136	125.545	146.952	123.772	123.768
85.188	67.3152	79.0926	77.1335	82.2682	75.372
0	0	0	0	0	0
6.97913	9.45364	7.39989	10.0613	9.57775	7.56791
0	0	0	0	0	0
26.6254	27.0237	26.2479	28.7321	25.9304	23.1331
0	0	0	0	0	0.223411
25.9443	25.0105	26.5669	23.9834	25.2836	23.0924
13.7294	12.432	10.5688	9.53826	10.342	10.8554
9.50334	10.3236	10.1125	8.85746	10.2799	10.4323
23.6576	16.6095	19.5449	21.3693	40.7036	33.6964
23.6475	24.5425	24.2951	27.3253	26.741	24.4424
2.66201	2.19159	2.42588	2.2813	2.15961	2.05729
14.1775	11.6167	15.189	15.1988	12.5426	15.2581
50.0559	46.4775	52.1144	55.3627	56.8062	50.6943
23.5655	24.5831	22.5461	27.7677	27.7955	23.6192
3.0558	3.64291	2.7319	3.24689	2.14216	1.9909
0	0.447597	1.25779	1.54699	1.37737	3.02316
0	0	0	0	0	0
0.569471	0.518929	0.879391	0.525986	0.722393	0.755305
0.422143	0.636308	0.359435	0.483721	0.27558	0.378178
0.269047	0.160527	0.253898	0.146439	0.104285	0.127208
0.0684907	0.196152	0.277004	0.0994099	0.0530951	0.111028
0	0	0	0	0	0
8.12678	9.33873	9.46536	11.5112	11.0439	10.8725
14.8384	14.1076	15.3326	14.7764	14.3937	11.7088
0.582851	0.616955	1.05976	0.508563	0.457783	0.752936
37.8699	34.3324	38.4378	38.1707	36.7109	36.6042
3.52284	2.85611	3.35241	2.03023	2.20886	3.31728
18.8592	19.0465	20.6317	19.4032	16.5539	17.97
0.0941002	0.033687	0	0	0.036474	0
6.75069	7.60495	7.35067	8.49634	8.63667	8.28402
14.9298	14.298	12.9467	12.8743	10.2144	12.3723
0.591497	0.717128	0.644252	0.225361	0.165411	0.235302
0	0	0	0	0	0
0.453331	0.274642	0.239759	0.303684	0.297363	0.240249
16.5791	15.4662	16.6921	15.694	14.1837	15.5954
6.94236	5.99592	7.55453	7.13932	7.48146	7.29241
65.4925	59.8222	51.8985	85.5172	48.71	72.5521
0	0	0	0	0	0
6.43478	5.72614	6.02235	6.07107	6.3054	6.33735
2.36339	1.52479	2.22681	1.88478	2.01333	1.43144
0.766016	0.763916	0.464711	0.516204	0.190873	0.554359

0	0	0.0533699	0	0	0.053479
16.485	17.2827	23.8694	18.9519	13.2101	16.5136
11.7528	11.0958	12.3855	12.2153	10.9504	10.6078
4.61	4.37116	4.5755	4.59336	5.19641	4.62525
1.92039	0	0	0	0	0.518846
0.512713	0.0917732	0.0518404	0.139532	0.34778	0.0519464
25.0192	23.4292	27.333	30.3353	33.5869	28.2544
4.41988	2.74546	3.30642	2.96919	2.57604	2.5483
0.655227	0.561396	0.688192	0.617438	0.759802	0.689599
63.9336	72.387	50.2136	199.18	98.0785	186.544
0.411733	0.147397	0.499564	0	0.319182	0.834309
0.148952	0.388524	0.188404	0.509897	0.177976	0.185903
0.158529	0.105956	0.0732176	0.030827	0.131916	0
0.659726	1.02343	0.622579	0.930952	0.738732	0.445609
16.0559	15.3775	17.3718	15.7444	16.0593	15.5666
0	0	0	0	0	0
10.1793	7.40707	9.7107	8.5099	6.51736	7.16286
0.202801	0.0527431	0.136935	0.106515	0.105898	0.119925
67.0137	58.8433	64.4557	70.607	91.2481	51.1619
33.99	27.8188	34.8388	30.5035	33.9155	32.8961
2.36426	3.2888	2.84128	3.43157	2.6183	2.46383
24.4315	25.5011	23.413	25.5631	23.5035	24.7002
0	0	0	0.28164	0	0
0	0	0	0	0	0
0.339112	0.242798	0.280016	0.12305	0.131442	0.206146
7.72061	5.85139	5.6967	7.98094	4.8465	5.6473
4.31487	4.39342	4.73546	4.31156	4.70647	4.07733
0.353466	0.22157	0.262177	0.299113	0.786269	0.679423
28.2758	24.1069	25.0691	26.8517	27.782	29.5558
1.23161	0.16135	0	0	0	0
4.0383	4.33668	3.58158	4.39566	3.52898	5.55307
1.48684	1.45104	1.16743	1.18248	0.697969	1.19303
0	0	0	0	0	0
3.3189	3.23432	3.34079	3.30487	2.81584	3.24301
0	0	0	0	0	0
1106.4	1140.91	1147.77	1141.16	1194.8	1052.75
0.563927	0.602707	0.815593	0.804904	0.365802	0.532372
0.80973	0.562219	0.49657	0.783173	0.267627	0.417704
1.46134	1.66175	2.57269	1.74674	0.999574	1.43993
0.156407	0.0746565	0.0843432	0.113508	0.121249	0
0.139907	0.200342	0.452672	0.101533	0.433833	0.453598
16.7944	10.2478	15.8317	14.8539	12.4437	13.9688
8.16717	10.8512	9.53481	8.67673	6.20078	6.41503

7.32879	5.13622	6.9475	6.69051	7.48501	6.1131
0	0	0	0	0	0
1.87269	2.18361	1.40658	1.88325	1.30657	1.79977
0.392343	0.403809	0.297524	0.266935	0.171085	0.337883
17.2553	14.9871	17.3804	14.7885	17.0711	16.6334
73.2514	48.395	32.6774	69.8151	38.2633	45.3577
27.3942	30.9424	29.7359	29.6493	28.8034	25.7132
25.0264	23.6692	24.8133	25.1108	22.092	25.5444
0.0858294	0.125566	0.20863	0.0936956	0.238423	0.0701984
0	0	0	0	0	0.0381357
5.06421	4.43496	4.94269	4.95087	5.66166	4.71533
12.6935	12.3434	13.69	11.9886	15.4582	12.66
0.683407	0.733959	0.621893	0.635449	0.728458	0.571234
23.6439	24.6637	23.4586	19.8505	14.8325	21.577
0.16878	0.241687	0.341308	0.244974	0.196262	0.136802
28.9131	25.0969	28.5141	29.0513	26.9248	29.431
8.87149	6.92365	7.97777	7.34463	8.1008	7.80141
0.399356	0.615176	0.711152	0.291622	0	0.383644
1.28651	0.944147	0.650396	0.863622	0.847726	0.83421
10.9979	8.35443	10.6121	11.2406	10.8131	11.7439
0.0237352	0.0462615	0.0711073	0.0524956	0.108798	0.0705401
0	0	0	0	0	0
0	0	0	0	0	0
0.529238	0.312055	0.453272	0.293706	0.168936	0.302799
8.87092	11.4047	10.2267	10.8232	9.74216	11.0111
0	0	0	0	0	0
7.58E-89	0.140421	0.0496182	0.0452153	0.108844	2.77E-174
3.5651	2.53684	3.13218	3.37536	2.97631	3.48533
0	0	0	0	0	0
12.7309	12.0219	12.0805	13.3219	15.0398	12.1757
0	0	0	0	0	0
7.33176	10.0097	8.44993	13.6692	4.53792	6.8483
1.90604	0	0.385439	0.345811	0.369397	0.772453
0	0	0	0	0	0
16.3385	17.8938	19.9805	18.887	19.5912	14.9179
2.63308	1.88524	8.5194	3.82175	4.08242	4.26841
3.15418	2.33711	2.26062	2.0974	2.23477	2.55062
0	0.028724	0.032451	0.0582293	0	0
2.22787	2.68269	2.86694	2.60907	2.2766	2.79073
0.059876	0	0.0807208	0.0434531	0.0154723	0.0970631
0.0704523	0	0.0569875	0.0511285	0.109231	0.228416
0.106417	0	0	0	0	0
0.0292325	0.0627898	0.0236456	0.0424291	0.0226615	0

0	0	0	0	0	0
38.9409	37.7872	32.766	41.7127	48.0727	42.1829
1.23485	1.77775	2.50863	1.81234	1.42962	1.9706
12.1132	9.77215	11.1151	10.9542	11.7872	11.7104
9.09417	9.1338	9.74892	10.1465	11.1358	9.74508
0	0.0875555	0.296748	0.354985	0.284397	0
2.89604	2.18526	3.3946	2.4667	2.44671	3.16259
35.5628	36.2623	34.2049	33.3601	35.8534	35.2488
0.0216319	0.0309761	0.0699904	0	0.0335388	0.0175334
0	0.126761	0.286417	0.0856567	0.182998	0.143501
4.29344	3.35914	3.08217	4.05951	4.30029	3.9841
19.1374	18.2402	22.0435	19.7496	16.6353	20.8937
0.300525	0.322756	0.243089	0.245359	0.378579	0.274034
18.4653	16.2091	15.9933	18.6017	18.792	17.9054
0	0	0	0	0	0
0	0	0	0	0	0
0	0.11136	0	0	0	0
0	0	0	0	0	0
3.44422	4.41089	3.39663	3.4351	3.13966	2.01844
21.807	22.9684	19.5128	26.4511	17.4181	21.7813
5.73948	6.47932	5.93809	6.06375	5.31847	5.90696
0.106362	0.0761534	0.0860343	0.0514593	0.0549691	0
4.63095	3.56686	4.04858	4.06516	3.6897	3.27013
7.17485	6.87199	6.5367	7.52379	7.00849	8.44371
30.4124	28.0219	27.9101	26.9493	20.3635	28.8244
1.55234	1.85755	1.58355	1.67057	2.39084	1.2606
52.5134	46.5132	48.0924	51.8425	56.9929	50.7681
0	0	0	0	0	0
24.3403	27.091	25.3528	23.3405	16.9865	24.123
8.62796	19.5341	18.6735	30.9689	22.5964	23.2478
0.24022	0.819496	0.285749	0.194842	0.712026	0.687199
4.4827	3.90725	3.15301	3.94018	3.38872	2.86608
0.460779	0.659818	0.74543	0.780257	0.476271	0.622462
12.1038	11.9307	15.6246	12.6946	12.3822	11.4009
0	0.266184	0	0.269804	0	0
0.0378159	0.054151	0.0611771	0.0548874	0	0.0306511
1.41958	0.982012	1.2926	1.23066	1.37168	1.57361
69.5676	85.5558	78.6867	71.6953	72.577	68.9938
4.16321	1.99775	3.09885	3.88914	3.51922	3.85904
47.2852	42.5391	41.0703	44.2592	39.4696	29.3611
0.110359	0.173833	0.160681	0.0160179	0.119773	0.05367
30.1539	45.4448	48.3301	27.0163	34.775	34.8507
19.9195	19.5553	17.135	18.5518	20.5199	18.7845

2.92861	3.64789	3.91314	2.57568	3.05077	2.51006
0.0249695	0	0	0	0	0.0202386
7.58845	6.33394	7.38191	8.2316	11.8892	10.5533
0	0	0	0	0	0
2.32003	1.7819	1.74014	2.38777	1.70042	2.22236
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0510633	0.0576888	0.0776366	0.0276439	0.0867101
1.94223	2.14108	1.28426	1.51019	1.15911	1.39933
3.63953	3.22059	4.0936	3.01136	3.47409	3.48553
4.77479	4.8965	5.31053	3.89829	3.43157	4.83765
167.958	274.662	312.064	231.691	304.426	200.02
0.441998	0.315325	0.496481	0.397319	0.291519	0.392014
207.163	197.022	152.387	159.54	162.422	137.429
0	0	0	0	0	0
11.6378	9.89877	10.231	9.24362	8.90991	9.50486
16.0986	14.9118	17.3625	16.3337	16.4228	17.5367
0	0	0	0.162667	0.347523	0.090839
0.050746	0.0363332	0	0	0.0196695	0.0205657
0.478958	0.649752	0.774839	0.750059	0.41038	0.490373
0.397172	0.174995	0.0741379	0.0886876	0.0947365	0.0247631
23.6765	25.3943	36.9874	27.3058	49.7775	26.6945
75.2508	74.9191	75.0543	77.2438	91.1853	61.7518
0	0.0177695	0.0200751	0	0	0
0.150809	0.0411829	0	0.0480466	0.0577332	0.0536619
0	0	0.0499742	0	0	0
11.3586	11.5763	8.77361	11.1306	7.96095	12.0933
4.43868	4.88719	3.92224	4.11451	3.64334	5.59307
6.63602	5.23173	6.24226	5.08643	7.77432	7.43351
2.34262	2.57164	2.5715	2.20569	2.65309	2.19823
8.17179	6.58785	7.86346	7.9207	8.82392	8.41267
30.2767	25.2323	25.4459	26.3054	29.108	27.5576
5.951	6.3363	7.12122	7.34633	5.87365	6.38988
27.999	27.4598	25.895	31.207	27.1107	25.948
1.80124	1.99769	2.08549	2.92195	1.80704	3.3207
0.376161	0.572314	0.228202	0.30711	0.182254	0.343002
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1.29206	0.925088	0.940606	1.00018	0.868072	1.46616
0	0	0	0	0	0
21.1871	24.4291	22.767	20.8191	20.0212	24.0671
9.09247	7.4848	8.3773	8.34525	10.6672	9.57674



4.92126	4.42271	4.72488	5.09753	4.15688	4.05987
10.2473	10.5162	12.9306	11.5764	12.1806	15.0612
0.0946756	0	0	0	0.073394	0
0.285578	0.408937	0.346497	0.276332	0.221384	0.115735
2.02572	2.64738	2.43998	3.85061	1.92628	2.26463
0	0	0	0	0	0
0	0	0	0.748385	0.399714	0
1.14839	1.00735	1.37741	1.64019	0.24035	1.00592
0	0	0	0	0	0
5.3493	3.77092	3.81527	4.39105	4.05092	4.69246
0	0	0	0	0	0
6.47811	4.7051	5.06367	6.35125	5.57724	5.88183
5.63427	6.79914	7.4612	6.71178	6.45204	5.78218
0	0	0	0	0	0
0.593657	0.531309	0.180074	0.807801	0.115053	0.300737
0	0.0793982	0.1794	0	0.0859669	0.179767
0.29188	0.37926	0.262328	0.43149	0.22627	0.341724
0.115882	0.0553131	0	0.0280327	0.119778	0.187853
44.2074	47.0636	42.3046	45.3864	32.8192	44.3991
0.986153	1.08503	1.14828	1.20742	0.261446	0.518743
48.3334	49.1233	48.3584	51.0082	43.7102	48.6783
0.903541	0.498922	0.376735	0.967917	0.44961	0.94126
0.0634827	0	0	0	0	0
3.19462	2.43944	3.58818	2.94301	3.97776	3.34041
0.0883296	0.189727	0	0.0641024	0	0.143188
14.8264	9.85714	6.3176	9.31871	8.62021	4.07728
0	0	0	0	0	0
0	0	0	0	0	0
0.296673	0.233654	0.143984	0.172241	0.0919943	0.168325
1.18556	0.710226	1.29355	0.99068	1.37802	0.786769
0	0	0	0	0	0
1.93412	2.33671	2.017	2.79779	2.06578	1.61879
174.189	146.863	170.724	167.515	193.63	163.118
0.445679	0.202095	0.2163	0.280312	0.230332	0.325114
0.916431	0.729053	0.535371	0.812864	0.7499	0.907865
1.25862	1.00929	1.04522	1.19351	1.13181	1.11537
0	0	0	0	0	0
16.5873	22.6561	20.2547	12.8016	21.7609	15.5905
9.25883	9.57315	10.7222	10.545	9.25062	9.34578
11.224	11.2653	12.6093	12.2979	12.1921	13.8426
12.4248	11.0565	12.096	14.5432	14.3893	13.7326
0.767819	1.06402	0.500866	0.575195	0.46082	0.32121
82.0343	97.2757	78.2975	90.3681	85.3519	88.8372

5.72963	4.51401	5.61465	6.98978	5.66754	7.02435
11.09	9.01648	8.86242	9.3694	9.30927	11.033
0.117723	0.126431	0.166641	0	0.0912606	0.0477092
0.0815969	0	0	0	0	0
1.78358	1.98675	2.14762	2.43969	1.55837	1.71262
9.85411	6.90837	9.79743	5.51246	5.0927	6.9887
0.70728	0.726657	0.587452	0.62834	0.474546	0.454983
7.65855	5.52068	5.47844	6.5788	7.83526	3.29378
29.5881	24.4881	29.7338	28.7836	26.6631	28.5116
44.9739	43.3968	42.8859	42.5633	37.6966	41.2665
6.28357	7.06671	1.82829	2.88697	1.05132	0.696171
3.40381	2.39513	3.3513	3.49016	4.06301	4.16505
6.172	6.28708	6.83052	5.98575	5.1326	6.88996
11.6697	8.27676	10.0825	9.64938	9.47158	10.7993
0	0.0251429	0	0	0	0.0419503
10.7628	10.8947	10.5683	9.98181	9.80281	10.2932
0	0	0	0	0	0
0.134135	0.116574	0.0450871	0.159868	0.103981	0.163054
0.340644	0.243895	0.394722	0.213661	0.113174	0.157773
8.11836	11.4317	10.4303	10.1785	11.8148	7.63345
0.423415	0.555788	0.456656	0.947446	0.547063	0.285993
20.7548	19.5601	22.0901	24.175	18.3347	20.5138
2.48836	2.09603	2.2759	2.51403	2.10553	2.26737
30.8905	34.8263	41.0355	41.6307	31.4339	38.2926
2.84036	1.36006	2.25724	1.97752	1.48245	2.00567
1.89513	3.12143	2.1306	1.97116	2.04192	2.20153
0.800495	0.461977	0.952399	0.566311	0.547295	0.806029
0.120355	0.0574481	0.032451	0.0291147	0.124402	0
7.14308	6.76987	5.903	7.53071	4.29603	7.29577
27.9548	22.641	27.952	28.2721	27.3573	26.688
1.91284	1.70243	1.8696	1.85091	2.75977	1.45352
6.34473	7.16684	7.52661	8.38966	7.21294	8.56995
11.6031	9.83983	9.89816	8.3519	9.7552	8.12047
0.95952	0.969879	1.23269	1.31109	0.96261	1.32711
3.1886	2.72151	3.26406	2.94155	1.6479	2.96411
4.12029	2.62575	3.15506	3.79849	2.98097	3.3677
0	0	0	0	0	0
11.2948	13.6597	14.6761	11.5898	11.5621	12.5252
21.0294	21.2766	19.603	19.9572	16.6739	20.76
0	0	0	0	0	0
54.5434	49.0225	48.4047	52.899	58.3726	51.3069
0	0.0531309	0.120049	0	0.0575265	0.120295
0	0	0	0	0	0

0.56699	0.259811	0.293521	0.351125	0.548854	0.350573
0	0.622829	0	0	0	0.35254
0	0	0	0	0	0
0	0	0	0	0	0
32.4893	48.704	35.6877	40.514	26.7893	47.4669
12.1492	7.03948	4.69261	6.48347	4.9164	6.73689
0.953696	0.875076	0.997398	1.22457	0.58306	1.13206
11.3171	10.4762	12.9735	12.4278	12.9652	12.862
17.1147	13.4334	14.8344	14.5285	14.7884	14.1883
9.61634	9.42827	6.65724	9.70319	10.5889	11.9139
0	0	0	0	0	0
18.7504	16.2916	16.9516	16.7822	15.5393	16.1928
0	0	0	0	0	0
104.575	135.64	123.794	117.274	131.548	125.244
17.1778	16.0407	16.0866	18.9838	17.6528	18.1564
0	0	0	0	0	0
28.1633	33.923	31.6993	27.3215	32.6253	34.589
18.0846	14.437	15.6689	16.1846	15.3097	16.5707
3.98941	2.01624	2.46767	3.57641	2.91073	4.75522
2.57985	3.63592	3.42673	4.43427	3.43148	5.3267
0.539388	0.295216	0.328518	0.446238	0.158891	0.112468
0	0	0	0	0	0
35.4242	30.4724	35.2855	35.9534	30.8945	30.1173
2.99157	2.30637	2.57908	2.29408	2.83636	2.93898
3.49828	3.49368	2.70514	3.36134	2.10939	5.18019
264.219	264.219	285.03	285.03	330.178	330.178
0	0	0	0	0	0
12.2877	13.8185	12.7304	11.9157	8.64251	11.9538
0	0	0	0	0	0
0	0	0	0	0	0
0.323218	0.154939	0.131115	0.117394	0.209969	0.306709
3.24836	2.32577	3.88656	4.91124	4.77405	0.658227
0	0	0	0	0.0210753	0
30.2602	20.5781	27.9174	27.0021	24.5573	28.6147
3.30254	3.07461	4.92215	2.70416	3.42601	2.92655
18.101	15.7051	12.9953	12.532	10.2871	10.4308
46.0088	49.3085	40.1506	38.537	40.9136	42.2056
0.021607	0	0.0174774	0	0	0
11.9359	10.0869	11.2216	12.4251	13.1209	10.9591
31.7622	25.3009	23.307	19.4772	19.0757	20.6413
22.0103	17.797	19.7565	22.483	21.3657	20.3474
1.03219	1.15643	0.956279	0.928233	0.856844	1.75009
0	0	0	0	0	0

1.17614	0.982444	0.951357	1.28032	1.5196	3.97209
0.336223	0.298456	0.37002	0.244003	0.671913	0.177972
16.6975	18.9776	18.9909	17.2358	16.3453	17.9129
7.87911	5.78969	6.95702	6.01466	4.56605	7.28349
19.6824	26.2813	31.1342	14.4909	21.742	26.3448
56.4409	62.7002	52.7449	56.8736	57.7534	49.3882
0.0391397	0	0	0.0568087	0	0
0	0	0	0	0	0
21.4866	20.5936	18.1484	20.8185	15.3018	18.4319
19.9783	18.3654	17.6925	17.6592	17.4247	20.5409
69.392	61.587	62.5768	64.5645	45.5462	57.7703
0.0723684	0.0518144	0.0292687	0.0262595	0	0.0879856
0	0	0	0.0270966	0	0.0605268
0.436322	0.519408	0.286105	0.316647	0.370009	0.253262
55.5542	52.2507	61.4277	56.7185	59.8305	52.1615
18.0101	13.1143	13.9964	12.2609	12.3255	11.5835
5.81002	6.08249	5.88439	6.63764	6.01798	4.92028
5.25193	5.49342	5.36705	5.72499	5.64632	5.2554
8.15581	6.96487	7.96718	6.87304	6.33969	7.15512
5.62514	9.59598	7.08702	5.87366	6.58648	5.69309
15.0875	13.26	14.7098	16.1812	14.6888	15.6821
33.7859	36.9094	36.0569	39.3292	29.7498	35.1491
7.11453	9.45166	8.88172	9.02307	7.33248	8.2332
19.3932	15.2193	18.6798	18.0603	16.718	17.9807
0.0572184	0.286771	0.16199	0.145336	0.310496	0.18551
10.2754	7.59524	7.99496	9.18995	8.63327	8.64586
3.2591	4.49783	3.59159	2.77681	3.735	3.33066
10.0962	6.85095	7.25245	6.67073	5.89915	7.9389
41.3509	39.4847	41.8206	45.7883	55.4389	59.0861
0.916854	0.970999	0.540768	0.790135	0.533069	0.990854
0.349967	0.187927	0.141541	0.444461	0.203475	0.212745
0	0	0	0	0	0
6.60471	4.66138	6.32408	5.27337	7.83786	5.471
0	0.0279344	0	0.0283142	0	0.0632467
0	0	0	0	0	0
17.2888	17.6844	15.1631	14.8303	13.0556	15.6273
1.63504	0.878007	1.27874	1.55317	1.79833	2.56318
0	0	0.0620848	0.278509	0	0.0622117
0.0674885	0.144962	0.272951	0	0.0523182	0.109403
0.316516	0.098417	0.0875593	0.110471	0.210518	0.159525
20.2267	19.6206	19.4616	21.0713	13.5093	18.4657
69.2539	56.7392	62.5239	74.4659	78.1952	60.1118
0.100203	0.224199	0.570744	0.436316	0.0776792	0.49137

17.264	14.932	15.0467	15.6671	16.573	15.5844
9.74636	9.30166	9.43347	5.39293	7.27907	10.7169
27.8569	27.9903	28.6326	28.0299	27.6232	29.0548
0	0	0	0	0	0
0.526532	0.502649	0.709835	0.254742	0	0.284514
4.19691	5.07942	6.03677	5.45435	4.90068	5.52248
0.0562233	0	0.119835	0.0408023	0.200276	0.13509
0.0324632	0.0116215	0.0131294	0	0.012583	0.0131563
7.32997	6.86907	6.3009	5.67902	4.55548	5.89368
2.65705	2.77784	1.98268	2.80272	2.98929	2.68736
33.5197	29.1625	13.475	11.3429	18.1368	13.5347
6.34121	5.05237	3.97201	4.8923	3.10175	5.21839
1.22406	0.92578	1.08774	1.32623	1.20285	1.36944
18.5247	9.26327	11.2684	8.02554	16.7819	4.0809
18.2574	18.3587	22.0106	15.8796	20.4917	18.5002
11.475	9.97244	10.2089	12.1424	10.3952	11.3804
0.815038	0.881811	1.06948	1.05153	0.365057	0.631255
0	0	0	0	0	0
0	0.0652415	0.102588	0.0230101	0	0
1.00073	0.735872	0.721963	0.804765	1.17416	0.898819
94.7554	73.6726	70.3484	75.2038	71.3901	85.8814
41.8294	43.335	46.1063	42.5277	39.1759	42.2709
19.182	18.3311	19.884	18.8287	15.7963	15.5971
0.202462	0.289918	0.140372	0.209901	0.0224217	0.164102
34.7946	37.78	34.8934	36.0691	32.6906	32.5128
0	0	0	0	0	0
6.67894	5.44024	6.93308	6.64707	4.71015	5.99241
0.666315	0.503573	0.640025	0.520495	0.430448	0.588827
0.227685	0.203773	0.368339	0.33047	0.264757	0.13841
83.2481	84.9454	83.3305	85.2807	75.1609	76.3976
3.37076	2.16201	2.96765	3.44262	3.78407	3.72769
7.92427	3.96058	4.31964	4.15335	2.38895	2.79256
0	0	0	0	0	0
18.2484	16.2849	19.1766	17.9037	16.2073	18.5507
0.27386	0.392157	0.66456	0.397491	0.212301	0.887892
16.1079	13.6954	16.116	17.1223	13.4312	16.4187
8.64492	6.44816	9.98692	9.20587	8.95887	10.0439
17.3095	16.329	14.6536	17.0308	12.3538	14.6781
1.27178	0.638462	1.35553	1.01827	0.685742	1.07131
0.660843	0.329457	0.532166	0.453771	0.50473	0.536444
5.80238	4.19106	5.10406	5.08424	4.22801	5.1999
0	0	0	0	0	0
20.9355	17.6399	18.4907	22.327	16.8294	20.5628

17.5619	13.9829	16.5491	17.1899	18.6431	17.3456
5.59704	4.67513	4.75038	4.42189	3.72827	4.23636
7.19108	8.04829	9.1103	8.64177	7.7711	8.56146
0	0	0	0	0	0
0.0329822	0.141688	0.213429	0.119679	0.102273	0.0801995
0.0425716	0.060961	0.0344353	0.12358	0.198013	0.0690115
10.137	9.13508	10.6738	9.8934	9.95859	10.6248
1.17415	0.494511	0.446939	0.651607	0.535423	0.503835
0.23912	0.342411	0.193419	0.13015	0.602452	0.0969075
0	0	0	0	0	0
3.00603	0.831021	1.49222	2.18141	0.635605	0.830137
6.45578	5.3505	6.59013	5.82945	6.33689	5.73469
0.359468	0.205898	0.17446	0.313047	0.334399	0.407906
35.9151	26.8494	32.7151	29.6647	30.1933	26.4185
19.5229	19.7961	16.2958	17.1898	11.6747	13.775
9.56093	8.7604	7.64373	9.15289	11.2533	10.4865
18.0062	11.5035	15.828	15.1022	19.5656	9.44344
88.0622	77.7526	84.7848	92.0002	81.3122	85.4349
0	0	0	0	0	0
1.61562	1.54233	1.10355	1.45909	1.53077	1.86241
0	0	0	0	0	0
0	0	0	0	0	0
12.4547	10.0053	11.0987	11.4064	11.9996	11.6406
815.106	841.093	818.663	765.522	795.495	723.121
7.69886	9.45261	5.60855	6.55883	5.0662	6.22884
2.07138	2.13023	1.73643	1.72189	0.729895	1.61787
1.94682	0.929257	0.991505	1.20353	1.06203	0.75976
18.0034	18.3352	13.9363	18.3036	18.8445	16.6994
0.260658	0.214994	0.308431	0.276721	1.29408	0.711656
53.6629	55.4426	54.0649	56.432	58.0536	53.4242
0	0	0.0181466	0.0162809	0	0
22.5353	27.2275	23.2568	19.3149	14.9471	22.2021
20.568	19.7887	19.8787	23.4801	15.6752	21.6817
19.5597	21.0144	24.1626	22.1693	16.8219	21.017
1.11899	0.801174	0.99564	1.42924	0.537823	1.99535
2.03432	2.61845	2.23244	2.6496	1.71502	2.13547
0	0	0	0	0	0
11.6474	8.49866	9.69138	11.2499	10.7258	8.7491
0	0	0	0	0	0
6.22617	8.37531	6.71488	7.25672	6.6547	7.7686
29.8112	30.5895	34.0784	35.3305	38.2602	33.249
0	0	0	0	0	0
16.1586	11.1077	14.3666	15.9994	13.7368	14.2044

0	0	0	0	0	0
0	0	0	0	0	0
12.8951	9.52829	7.75872	9.08162	11.7693	7.95479
8.83087	6.12281	8.45598	7.45996	9.59228	6.81822
8.32547	8.70831	9.1295	10.2079	7.29118	9.08926
93.9677	92.5542	78.6188	91.1707	90.3046	77.9754
15.2913	10.2561	12.9019	13.1061	18.5304	11.5037
0.0817348	0.0651176	0.142806	0.0644771	0.0288132	0.0856918
24.0917	23.9368	26.7921	25.949	25.365	25.0918
10.6656	8.52894	9.73739	11.5475	7.17203	10.51
13.0676	16.8378	12.9759	11.0803	13.9728	15.0254
0.330007	0.459056	0.311171	0.372239	0.411956	0.460411
32.253	21.57	26.2526	27.6568	32.2253	28.6592
21.9651	23.1845	22.5483	19.457	17.9509	9.9256
2.28225	1.40652	1.3086	1.86592	1.03019	1.84984
0.0657586	0.023541	0.0797862	0.262472	0.0764657	0.0799494
21.3293	22.4891	18.9035	18.088	30.5309	12.9564
37.844	35.0455	31.8582	34.1906	33.0007	26.2873
0.23958	0.128065	0.0723409	0.169572	0.0462764	0.0727641
0.0408966	0.0292812	0.132322	0.0593588	0	0.198888
0.214857	0	0	0	0.166561	0.522447
12.4149	9.06028	10.9551	9.39446	11.7851	11.3933
2.68139	2.47157	3.18324	3.15162	4.1204	4.867
32.0941	29.2963	26.914	27.5209	28.1065	27.201
4.12343	3.94951	2.52265	3.20078	2.66043	2.64415
6.94035	5.14281	5.91573	6.78334	5.7563	6.23026
2.64628	1.69035	2.05658	2.16521	2.03132	1.82947
24.1964	21.6793	23.3429	25.0667	23.7317	24.1326
24.8785	23.1439	16.2017	16.0021	14.0507	20.6795
0.0779486	0.0837145	0.28373	0.113172	0.0604269	0.03159
1.92936	2.90819	4.18904	2.06341	2.44031	3.00417
4.07464	2.83744	4.25531	3.70642	3.19118	4.04912
0.176146	0.152587	0.234635	0.421023	0.180008	0.470229
0	0	0	0	0	0
5.43551	5.46123	4.95533	4.90886	5.20265	5.32386
0	0	0	0	0	0
0	0	0	0	0	0
59.394	57.0213	61.2983	62.408	63.6172	53.6838
10.4941	9.02829	10.3744	8.8697	10.4292	11.8609
0	0	0	0	0	0
0	0	0	0	0	0
369.919	369.558	373.191	388.922	427.955	311.622
107.286	121.307	111.275	115.811	90.9464	107.211

5.08276	3.81328	2.81302	4.04163	3.31809	4.35629
1.55678	1.43309	1.37918	1.72158	1.32178	1.02148
5.4522	6.15487	6.68291	5.64385	8.36251	5.61211
28.8348	21.6547	27.752	29.2653	23.2686	28.5036
0	0	0.125545	0	0	0
21.4972	19.1071	16.5261	20.698	17.3483	19.1643
1.58583	0.784288	1.61851	1.96556	2.06623	2.04158
0	0	0.0719649	0	0	0
8.99994	9.27319	8.76513	9.13644	6.67071	7.6843
111.436	126.394	90.5335	68.302	76.98	93.2929
0	0	0	0	0	0
0.177959	0.132512	0.204753	0.266367	0.107163	0.208249
0	0	0	0	0	0
0	0	0	0	0	0
0.608425	0.341398	0.321528	0.69025	0.207204	0.195629
4.73835	3.65607	4.03121	4.88541	4.69556	4.02702
0	0	0	0	0	0
8.62966	9.05417	11.2261	8.95594	9.21209	8.70466
0.383266	0.439057	0.372019	0.305957	0.178268	0.403845
87.6081	108.925	51.4759	64.9012	53.3541	48.6272
2.32307	1.78519	2.3218	1.95952	2.14032	2.32655
99.4294	89.8301	101.142	97.922	68.852	97.1627
3.24873	1.68876	1.31391	2.71292	5.36467	4.99587
0.0812639	0.130913	0.220234	0.179467	0.252865	0.293558
0	0	0	0	0	0
35.0623	27.8793	33.9895	33.5716	32.9032	35.0627
2.95304	1.64389	2.2041	2.9528	0.576259	1.12706
0	0	0	0	0	0
18.6308	13.0029	18.1369	14.6621	24.7708	5.35058
1.59609	1.66174	1.55486	1.57912	1.49015	1.85181
12.6704	16.2302	16.0355	14.5055	10.2877	16.6893
0.765787	0.548289	0.929144	0.972554	1.03889	0.310348
0	0	0	0	0	0
39.7532	41.1587	44.1553	38.4802	37.421	41.8501
28.6169	32.6435	32.4028	30.304	31.2706	33.1864
4.04352	2.96456	4.23875	3.73254	3.78652	4.87661
0.0290484	0.0207981	0.0469933	0.0421619	0	0.0235447
75.8884	52.1157	67.6833	63.8493	57.4369	64.7029
7.51322	8.25422	9.40892	7.63047	8.71248	7.34793
5.26305	3.99409	3.05592	4.30844	3.55632	3.61718
37.5101	33.553	35.5275	43.5841	26.9116	33.4604
20.026	19.8729	19.6358	20.8649	14.9988	19.5661
0	0	0	0	0	0



0	0	0	0	0	0
0	0	0	0	0.00897393	0
16.8034	16.9674	16.6015	15.2542	12.4737	12.9642
10.1168	7.105	7.68808	9.5632	9.54115	8.17386
0.973773	0.730403	0.862681	0.572078	0.826777	0.526184
1.79815	2.55872	3.03736	1.88401	2.68281	2.20794
20.8134	17.8434	19.9592	19.6954	19.0406	18.6463
5.36921	4.19678	4.9689	4.47506	4.36223	4.694
0	0	0	0	0	0
0	0	0	0	0	0
11.5507	12.3068	10.1579	14.3919	11.0433	9.54251
0	0	0	0	0	0
11.8977	15.0745	12.3529	14.6616	9.8798	10.031
0	0	0	0	0	0
20.6731	23.5576	25.0767	19.5991	18.9696	17.823
0.862938	1.05513	0.470834	0.496246	0.614271	0.862684
0	0	0	0	0	0
11.8079	11.298	11.2234	12.4035	12.3433	14.0965
45.9775	52.9359	58.7115	50.2467	55.8843	46.8551
0.234115	0.310433	0.194839	0.30834	0.567995	0.263554
3.22192	3.92785	4.57836	4.55002	3.57776	3.52902
3.17644	2.42759	1.55468	1.84582	1.14656	1.5972
0	0	0	0	0	0
1.75358	1.28014	1.27924	1.14772	2.02557	1.30973
0.908119	0.531979	0.560936	0.491283	0.62719	0.508551
7.93497	6.05726	7.70842	6.45014	6.70915	6.19511
7.67698	5.49723	5.8206	6.36204	6.16829	6.65134
13.0753	11.9024	10.5322	10.1229	8.63371	11.7042
6.83918	6.29942	6.85746	6.54881	7.20718	5.91871
0.364907	0.130633	0	0.13241	0	0
0.419616	0.564804	0.324243	0.441265	0.282181	0.410059
6.87079	6.8871	6.61865	6.93543	6.87583	8.5054
0.147161	0.210729	0.119036	0.213595	0	0.119279
1.05328	1.22411	1.14831	0.830849	0.816516	1.07676
49.2704	46.946	41.2849	48.0902	55.942	35.3725
0	0	0.0894313	0.0802368	0	0
23.4481	33.9864	22.0916	22.8547	25.2785	31.3705
1.08375	0.775946	0.175325	0.471899	0.168028	0.52705
1.78822	1.77648	1.17093	1.86732	0.926382	1.80236
180.601	200.62	194.162	212.779	219.031	175.592
7.94723	7.50966	7.43877	7.518	7.21266	7.34924
10.8498	11.3271	10.0299	10.7248	8.16234	9.57391
99.2404	81.2048	57.3382	51.4432	98.9134	91.9288

49.3039	52.2808	40.5541	30.2702	24.7551	25.8829
2.36592	2.69295	2.79701	2.9497	1.97518	2.45854
1.36053	1.55858	1.99925	2.78106	1.51174	3.19798
34.0384	20.1535	28.5203	30.8946	21.8357	29.3155
0.456596	0.294222	0.295465	0.298224	0.283168	0.499616
0	0.0262027	0	0.0531181	0	0.0296631
0.307613	0	0	0.16743	0.0447121	0
5.85492	7.31126	4.95967	5.0018	4.44947	5.30611
21.5486	18.0995	20.9638	22.4834	24.2899	23.2117
0.437875	0.31351	0.328889	0.272377	0.169724	0.152105
2.84081	2.26573	2.02259	1.85908	1.76323	2.26241
0.164958	0.0295266	0.0333577	0.0897845	0	0.16713
1.5834	2.04381	1.61909	2.13371	1.12295	1.97058
1.37475	1.26071	1.60713	1.08028	1.26984	1.44738
15.6888	15.8145	13.29	16.1937	11.8214	12.6494
146.021	156.183	124.863	154.414	108.116	112.075
0	0	0	0	0	0
0	0.0148482	0.0167748	0.0602006	0.0643066	0.0336182
0.569515	1.83493	0.921338	0.482192	1.03016	0.923222
0.409231	6.37E-12	2.18E-10	5.99E-11	6.13E-11	0
4.1808	3.61183	4.3806	3.1511	4.33028	4.30352
0	0	0	0	0	0
7.84933	9.66241	7.84177	9.43403	7.96377	13.6619
10.4464	6.74429	9.08261	8.29074	10.0185	10.574
2.66869	1.44018	2.35196	2.24023	2.31583	1.95321
0	0	0	0	0	0
79.3393	94.1801	72.3842	59.5517	70.6412	72.9351
0	0	0	0	0	0
9.92947	8.06633	9.73077	10.5318	5.18099	7.8934
16.7501	15.0581	13.4371	14.7188	11.0426	14.7119
9.22255	7.29979	7.3542	7.25896	7.05688	7.06037
5.21924	4.35835	4.62116	4.15988	3.93303	4.05592
59.7047	58.8137	58.1003	65.1882	60.1799	61.9202
0	0	0	0	0	0
0	0	0	0	0	0
0.0712132	0.0821989	0.0928643	0.0512536	0.0729992	0.267137
7.56619	5.55751	6.94617	6.35865	5.75808	6.96631
11.4348	9.16333	9.58877	7.15628	7.48173	11.0537
0.0640335	0.0229234	0.11654	0.0929405	0.0992795	0.155704
0.0859631	0	0	0	0.0666399	0
10.6138	7.20525	6.51854	6.22665	6.04408	6.49195
1.13517	1.39795	1.08349	1.28515	0.6336	0.515252
39.6721	37.5993	35.6604	41.0962	38.0618	36.2152

0.172113	0.236601	0.179399	0.239819	0.227806	0.307415
7.00316	5.80127	6.71862	6.73706	7.41747	7.5904
29.9351	29.6693	36.5039	26.6342	30.3503	27.5216
47.2094	40.701	44.5634	45.3342	36.9962	38.1942
23.9627	22.7645	18.9304	22.2621	22.0458	18.818
1.31564	1.28369	0.83816	1.46467	0.502775	0.460205
0	0	0	0	0	0
18.1188	13.8924	17.2295	16.4445	17.1724	16.054
0.0890757	0	0.0720516	0	0.0690529	0.0721989
0.119228	0.0782509	0.0803673	0.0576837	0.0154045	0.0322126
8.78857	8.91553	9.90584	9.35045	7.97779	8.90846
1.24416	1.83968	1.50956	0.569224	0.461278	0.964586
19.3308	16.5742	19.3808	18.4235	17.853	18.666
0	0	0.334911	0.150239	0	0
0.256304	0.291678	0.319067	0.646509	0.0716391	0.324479
17.2385	21.1446	15.1255	18.2027	14.8793	13.7173
0.051024	0.0521888	0.110059	0.0329147	0.126575	0.0551422
1.62022	1.57283	1.69328	2.46073	1.81381	2.40823
11.9497	10.97	10.6708	11.7203	10.5018	11.0282
9.36626	7.65013	8.60659	6.49793	7.01995	7.06897
42.4655	58.0705	61.5024	60.7819	53.0271	65.155
50.2459	53.8965	57.5127	54.5324	55.588	57.3505
16.1948	13.4966	16.8688	15.5956	13.628	17.207
115.979	120.522	143.112	148.498	150.823	127.75
34.9436	35.1591	39.6835	36.6449	40.4359	39.277
0	0	0	0	0	0
6.04064	10.1296	11.5725	8.88296	8.44136	15.9125
15.4601	13.2445	13.358	13.5746	14.5646	17.3892
0.207345	0.0989702	0.251576	0.025079	0.0535791	0
207.058	242.702	239.108	218.242	240.418	183.58
0	0	0	0	0	0
0	0.135225	0.15277	0.274128	0	0
5.47542	5.7085	6.95424	6.27412	5.02654	6.42344
0	0	0	0	0	0
0.920391	1.29542	1.20671	1.22089	0.469063	0.618752
2.41987	1.50751	1.21061	1.07256	1.21288	1.74414
13.1068	9.16354	12.0131	10.6122	10.8202	11.9533
14.6425	11.8882	16.0579	13.7925	15.6805	15.0916
16.1698	10.6271	13.6954	15.275	7.91028	12.9532
225.501	231.3	237.854	222.167	242.581	231.892
0.0295722	0.0423463	0	0.0214611	0.0458497	0.0239693
2.71236	2.64024	2.6377	2.98579	2.26804	2.7419
1.12409	0.770209	0.645275	0.657879	0.45913	0.489844

4.49787	5.76554	4.6945	4.52774	4.10545	3.38107
0.974723	0.993141	1.122	0.897821	0.813745	0.941977
0.0198406	0.0142055	0.0160487	0.0287974	0	0.0160815
17.9948	18.9749	15.7719	12.3945	16.6756	16.3187
11.9636	12.0164	12.4832	11.9193	8.10103	10.5898
205.733	226.301	248.891	254.52	239.741	209.485
0.339305	0.34011	0.768478	0.394753	0.578675	0.440028
20.8025	18.8857	18.2055	20.945	20.1658	16.1498
0	0	0	0	0	0
0.0569315	0.0815238	0.115127	0.0206581	0.0882684	0.0692174
16.5654	17.1978	18.1912	16.7913	15.103	15.5722
79.7463	108.288	93.4595	95.4035	108.655	89.424
4.03251	3.17936	4.15493	4.63357	4.50302	4.2607
51.151	47.5066	50.0175	49.5387	60.52	62.0012
0	0	0	0	0	0
59.1408	62.8648	61.5535	60.1486	57.8388	61.7909
4.98499	6.08185	3.32258	3.90712	3.74078	3.84656
0.566265	0.52468	0.484984	0.652683	0.361511	0.377981
6.74704	4.64846	5.95181	5.85726	6.01991	4.49878
0.0932662	0.100165	0.143338	0.108296	0.224134	0.15875
0.0120337	0	0.0121673	0.164312	0	0
1.87449	1.60578	2.15027	1.65947	1.38406	1.66723
22.6479	23.8271	24.9606	22.1545	27.0794	25.0727
54.2803	49.5136	54.1577	55.4991	66.3678	29.344
0.212527	0	0.0859544	0.308469	0.0823771	0.17226
0.681081	0.33718	0.153456	0.219397	0.0753431	0.305472
8.43819	7.46761	8.92088	8.13931	8.20722	8.25414
54.1608	41.3066	52.7146	52.3793	49.4211	50.2563
22.1853	24.6704	29.1536	18.6497	16.9372	12.5991
122.989	132.017	130.992	128.669	141.956	133.65
1.23367	1.0305	1.02561	0.820691	0.61101	0.527743
5.04074	4.76269	5.57606	5.42036	4.79084	4.19763
0	0	0	0	0	0
0.121079	0.0288968	0.0652924	0.0585796	0.0312875	0.032713
3.33629	1.8365	1.76835	1.72023	1.96908	3.0477
1.82661	1.43698	1.97001	1.86566	1.31113	1.60848
160.493	199.525	166.596	167.429	243.661	203.291
4.32258	5.00141	7.51505	5.15981	7.88723	5.96513
7.32364	5.5952	5.70806	5.83399	6.93537	7.15615
3.74789	2.93329	3.74347	3.81008	4.3052	3.64043
28.7324	25.7585	27.7366	33.8402	32.1224	26.8418
6.14072	4.89143	4.88724	5.91802	5.32673	5.48939
0.790928	1.06966	0.888563	1.53064	2.691	2.63553

9.94425	8.69381	9.10471	9.33496	7.6273	8.88057
10.099	9.126	8.96971	8.78624	9.82305	9.72516
0.332762	0.0649776	0.122347	0.197584	0.140707	0.269715
3.06223	4.20314	3.10478	2.43738	2.50517	3.74022
0	0	0	0	0	0
0.377624	0.310927	0.519269	0.315156	0.483021	0.59685
0	0	0.0427923	0	0	0
12.1251	7.94988	9.83481	9.88107	12.1649	9.21693
58.4594	58.628	57.5488	60.2892	58.7832	55.6935
46.3206	54.0274	52.1804	53.0604	55.3253	49.3751
8.17411	6.94028	7.53806	7.8825	7.80418	8.63301
29.9588	31.933	29.4328	29.1754	26.2032	27.5918
0	0	0	0	0	0
14.0023	12.4577	12.3659	15.2258	13.2392	11.2749
0	0	0	0	0	0
1.1042	0.891945	0.801728	1.17128	1.16327	0.780424
8.13022	8.19151	7.86313	6.03373	5.40562	7.18828
15.4782	18.94	18.4785	17.834	11.5135	15.2046
16.9369	16.2742	17.5693	16.9054	18.0737	20.5221
14.8428	21.3647	16.9451	20.7706	12.286	16.0819
0	0	0	0	0	0
18.0944	15.6858	14.7506	19.9472	23.702	16.424
23.1781	20.8521	23.2479	25.0264	29.327	26.7751
17.8393	12.7545	14.929	17.6669	14.8642	14.9646
0.0832479	0.238416	0.134675	0.241658	0.12907	0.13495
2.96804	2.40467	2.46396	2.60742	2.3816	3.08098
1.60944	1.62078	1.54242	1.50245	0.863094	1.10413
178.821	192.214	216.308	200.624	285.442	139.31
117.224	117.117	116.931	117.703	108.487	99.9649
22.5882	19.6157	22.3278	21.3761	20.7227	21.5959
3.33967	3.36933	2.69023	3.55536	3.5411	3.17671
0.204402	0.376324	0.530549	0.357838	0.182541	0.242359
5.70267	6.46208	4.39485	4.82286	3.75942	4.47663
0.330383	0.295685	0.13362	0.299706	0.192088	0.20084
11.3799	11.0476	7.41126	11.7471	10.7366	11.6024
53.4813	39.6058	55.2053	55.3693	55.6458	53.8529
0.175953	0.440926	0.166045	0.085128	0.0454671	0.118846
0.67999	0.48686	0.55003	0.575728	0.556424	0.214338
0	0	0	0	0	0
3.80844	2.91596	3.81215	3.37663	4.44853	5.76883
0	0	0	0	0	0
0.369786	0.164792	0.170058	0.239397	0.139831	0.21079
0	0	0	0	0	0

3.27219	2.16241	3.17756	2.5596	6.02164	5.42219
2.27894	2.96241	3.29829	2.48055	1.34842	2.50318
3.00497	0.690993	2.43066	0.716309	2.43152	2.77342
0	0	0	0.0295299	0	0.0119931
27.7959	27.9244	27.8514	25.7061	23.5785	25.5728
0.120412	0.0431064	0.0243497	0.0436926	0	0.170797
6.93674	5.56154	7.13112	6.62076	8.86203	7.54292
7.23429	6.61035	4.89003	5.85583	4.92183	5.90464
0.514144	0.420526	0.671709	0.336775	0.265534	0.456213
16.5914	13.2182	15.1739	16.6369	15.9593	16.8242
2.92159	2.53369	2.54209	3.70755	2.51967	3.90987
0.573822	0.410846	0	0	0	0.465102
2.88102	1.85	3.1171	2.78129	2.98072	3.13442
0	0	0	0	0	0
9.9928	10.7851	9.49885	9.77428	10.9431	8.88985
37.5227	28.1398	25.2393	32.184	32.7865	31.9713
6.30161	4.6354	5.49426	5.63228	5.68124	5.24063
0.626287	0.248133	0.44331	0.243683	0.303594	0.75224
1.89061	1.19503	0.751048	1.33263	1.17115	1.32439
14.7529	11.7136	13.1629	14.3121	11.5537	13.7282
0	0	0	0	0	0
83.6189	84.2161	84.9368	85.6285	78.6324	71.2802
0.312798	0.383927	0.216871	0.259432	0.311768	0.181095
26.6754	29.2409	29.0718	30.4287	24.585	27.9372
0	0	0.013627	0	0	0.0136548
9.08276	8.95595	8.01672	7.50581	6.25725	7.47014
117.497	125.143	82.942	101.73	85.5051	75.6617
0	0.262631	0.0741767	0.0665506	0.106634	0.0371642
243.277	232.56	228.475	253.777	272.592	248.418
144.014	140.861	157.52	143.921	159.722	130.493
0.0642696	0.161055	0	0.0699624	0	0
0	0	0	0	0	0
0.0262018	0.01876	0.0423882	0	0	0.0424749
6.21761	4.51167	5.07447	4.90401	5.83738	5.38662
0	0	0	0	0	0
36.2715	33.3896	33.4009	40.8217	32.425	24.42
0.272818	0.28412	0.180554	0.341981	0.153813	0.100513
0	0	0	0	0	0
0	0.0485338	0.877305	0.546603	1.89179	0
0	0	0	0	0	0
34.133	22.7847	27.6443	24.7501	42.5325	11.6641
1.47479	1.50052	1.82079	1.40827	1.14328	1.06954
15.5269	14.8556	17.4471	18.9188	17.5139	15.5043

0	0	0	0	0	0
39.6879	37.9111	42.9269	37.384	66.6014	28.725
19.002	20.1762	20.3804	19.9084	18.9889	18.4586
0	0	0	0	0	0
18.1459	19.5591	25.3453	28.8922	31.9005	26.9242
18.0642	15.0068	19.8001	21.6252	20.2028	7.17753
21.7535	21.6547	23.978	21.9471	22.099	23.1983
55.9164	48.3263	59.7058	54.7538	64.7978	26.921
0	0	0	0	0	0
0.618922	0.443137	0.250317	0.224582	0.239899	0.501657
13.8353	9.98175	11.9291	11.7421	13.933	12.5469
0.574132	0.791686	0.688006	0.462953	0.494529	0.448118
269.365	272.221	269.8	273.228	302.233	269.04
0.168425	0	0.363296	0.325945	0.0870439	0.136514
2.58406	2.15525	2.34343	2.64814	1.54346	2.89587
0	0	0	0	0	0
11.0329	8.46841	9.64115	8.22983	5.12548	7.31875
4.30739	2.68547	3.91498	3.50502	3.64838	4.09789
11.2011	11.0651	10.5656	10.3005	11.0282	10.6891
0.583875	1.04882	0.517872	0.695117	0.495897	0.645671
0.649047	0.588069	0.497385	0.543648	0.311833	0.519397
0.163331	0.0779612	0	0.0395107	0.0844111	0
0	0	0	0	0	0
25.1731	26.9463	28.6536	24.7197	22.2669	23.9954
11.7444	11.3082	14.5582	13.023	10.7606	16.3457
0	0	0	0	0	0
15.0677	12.42	15.2605	17.1221	16.2614	17.1391
1.40475	1.50867	1.21744	2.33018	1.63348	1.30126
0.137904	0	0	0.0250193	0.0267257	0.0279433
12.421	12.8937	11.0805	11.4462	8.79895	9.15663
99.437	115.988	108.283	115.915	103.953	106.857
1.74075	1.42685	2.44133	0.966838	2.18666	1.46154
22.7804	20.4472	26.8213	22.2877	23.0661	25.9962
165.305	205.294	142.623	155.088	155.11	138.5
253.237	153.408	197.778	158.992	326.002	75.367
0	0	0	0	0	0
21.0117	16.6972	15.2113	20.9831	8.92992	18.715
3.64509	2.29302	3.01661	2.73705	4.23043	1.84441
4.39665	6.55327	7.1819	3.73883	5.09852	5.41965
23.0588	24.7842	17.0196	21.3723	18.0544	21.4077
0.0679859	0.0973533	0.164977	0.0493386	0.158111	0.11021
0.194292	0	0.0523863	0.0470004	0.0502061	0.0524934
132.193	23.6619	80.1963	23.9837	25.6195	53.5735

362.468	355.065	287.183	334.036	518.245	176.772
4.05625	4.7379	4.27331	4.72489	2.56546	3.02827
0	0	0	0	0	0
7.23979	4.33115	4.19038	4.78702	3.56699	3.54694
0.0426948	0.0917059	0.13814	0.0619687	0.0330977	0.0346056
0.278862	0.255187	0.192198	0.287397	0.184199	0.128394
9.31564	9.00615	9.23638	10.1386	9.84765	9.62746
11.6136	8.64489	10.0656	8.32027	7.72397	8.14412
0.29883	0.31121	0.329615	0.571738	0.484375	0.484424
7.16328	4.60261	4.95985	4.72072	5.7057	5.83257
11.821	11.9658	10.9705	10.757	7.1817	9.64137
0.205428	0.294164	0.667632	0.304377	0.481733	0.416265
2.91778	1.7022	3.61713	3.57073	4.05088	3.79701
1.20231	1.09733	1.05802	1.42867	1.0652	1.85265
1.03101	0.968864	1.25094	1.12233	0.874183	1.20127
4.25992	2.37224	2.55241	3.03425	2.38503	3.32492
2.24378	1.73503	1.81495	2.31226	3.37446	2.83711
0.300316	0	0.24292	1.36215	0.465619	0.973665
0.281164	1.61047	0.227428	1.22428	0.435926	0.911572
0	0	0.119162	0	0	0
8.3703	8.41884	6.62091	7.19565	6.70263	7.34409
2.80046	3.45942	3.0313	2.78524	2.7714	3.03989
0.893551	0.407123	0.262827	1.00217	0.188917	0.658412
49.3686	52.4044	52.6052	53.4263	53.5109	50.104
16.3667	14.6903	13.0948	15.9229	11.7224	9.61288
5.54185	5.34447	5.4002	5.55122	5.48948	5.34193
0	0	0	0	0	0
17.9063	14.6672	19.6101	20.6957	18.1656	16.0068
9.30261	6.06447	6.64532	5.72723	4.73127	9.13661
98.9567	113.801	108.808	93.887	94.453	103.579
27.3005	33.7505	31.2104	31.9641	23.7034	29.504
42.0959	30.2103	33.3175	35.2168	26.8267	32.9392
0.774947	0.786034	0.757431	0.679559	0.550689	1.09921
0.154235	0.110429	0.124758	0	0.239131	0
1.11052	1.0323	0.686001	0.730832	0.841439	0.711944
62.0849	58.3535	61.2141	66.2255	60.1148	55.6882
1.03098	0.877612	1.21659	0.990526	1.12212	1.10629
14.8347	20.2494	17.4094	17.9948	16.3814	14.4752
557.531	1095.06	649.631	749.614	507.334	1189.93
16.7436	18.6771	19.7194	17.8044	14.3562	17.9005
0.279444	0.0218828	0.09889	0.0998139	0.23681	0.232137
1.7515	1.71005	2.44711	1.96442	2.0984	1.80682
0.500305	0.603796	0.365431	0.719189	0.463498	0.366179



3.38743	1.98855	3.0795	2.93114	2.60396	2.38241
0.244992	0.291364	0.180764	0.352067	0.30791	0.185488
8.17805	6.19314	7.50569	6.50563	7.68086	7.45716
4.80976	3.62244	3.58739	4.21578	3.97055	3.18952
62.3042	47.2399	49.8436	57.6821	59.7611	49.7377
0.265366	0	0.128789	0.115548	0.0822863	0.473194
0	0.0306929	0	0	0	0
0.26381	0	0.333423	0	0.306764	1.81753
11.9909	12.4599	2.8013	7.53983	1.39151	1.78484
103.057	79.1227	101.583	116.08	101.54	97.1553
0	0	0	0	0	0
0	0	0.127839	0	0	0
6.01383	3.80798	8.27534	6.32024	5.92894	5.39722
0	0	0	0	0	0
11.9874	13.6416	12.1346	12.3772	10.0348	12.2084
6.04367	6.78593	5.84642	8.13442	6.02473	7.159
0	0	0	0	0	0
2.0899	2.34207	1.73947	2.15412	1.12704	1.96398
0	0	0	0	0	0
20.8442	18.2296	19.5783	17.7594	16.8333	20.3225
0.922158	1.32019	0.386658	1.17855	0.887329	1.2127
0	0	0	0	0	0
18.3624	17.1603	19.6045	17.2635	17.572	19.5901
8.8298	7.37064	8.49623	9.29304	9.89443	10.006
32.1162	39.0988	34.1246	31.2659	40.4251	25.9406
6.62163	5.08928	6.44919	5.60961	6.55792	6.57191
9.12181	7.29897	7.71827	7.89549	8.30246	7.7825
0	0	0	0	0	0
1.17509	1.19847	1.41119	0.911228	0.727795	0.888905
1.08191	1.10661	1.62525	1.68248	0.599079	0.876922
3.3655	2.10843	3.22591	3.18734	2.80467	4.28273
8.73942	7.75879	8.68316	8.26222	5.00209	9.18536
8.90547	10.5473	10.2135	12.2366	7.61989	10.9001
1.79271	2.40061	1.44979	1.92979	1.34382	1.31214
0	0	0	0	0	0
7.7832	8.11357	7.72872	6.63736	6.25423	6.80501
0	0	0	0	0	0
0	0	4.81727	0	0	0
0	0	0	0.00802465	0	0
0.595624	0.341164	0.481788	0.28817	0.215477	0.193109
4.26169	3.12034	3.58856	3.50814	3.94846	3.777
0.166738	0.0584722	0.0165146	0.066676	0.129258	0
448.766	361.321	338.518	366.955	346.32	323.094

43.2999	41.7359	33.8748	33.8453	25.555	29.5944
1.50081	1.74878	2.21371	2.38121	1.98471	3.27966
44.8537	9.99704	1.09943	2.466	1.38894	9.36428
37.8831	37.3337	35.0311	41.3436	33.3569	35.2703
1.82633	1.54849	2.99344	2.61592	1.75112	2.25941
0	0	127.561	0	0	0
0	0	0	0	0	0
0.854578	0.933894	0.836777	0.636503	0.941422	1.00254
146.688	142.184	124.215	135.525	155.337	122.27
29.3401	31.2117	32.5733	33.1287	33.6239	29.6456
0	0	0	0	0	0
0.103955	0.0186069	0.131389	0.01886	0.090662	0.0947925
0.317928	1.76414	1.15725	1.03827	0.554542	1.675
0.082748	0.0197487	0.0223111	0.0600517	0.0213825	0.0447134
0.476652	1.3651	1.79925	0.69183	0.615847	1.03025
5.51496	5.34458	5.04672	5.21513	5.24694	4.51522
0	0	0	0	0	0
12.3589	14.0117	12.3781	14.4643	10.6194	11.8384
20.2941	21.2084	28.0689	26.2787	23.8586	24.6743
57.9011	48.5142	62.5483	59.7368	69.0144	64.1802
0.684335	0.244832	0	0.124258	0.132886	0.138613
2.53706	0.883697	0.610107	0.870834	0.39867	0.805876
19.0055	13.95	17.2178	15.8213	15.3974	15.515
149.612	139.969	137.933	153.64	163.87	153.857
0.152872	0	0.0618276	0	0.118509	0.123908
10.6109	7.53386	8.77364	8.20316	8.43134	9.49634
0.662203	0.273533	0.350228	0.499056	0.967467	0.743175
33.7118	26.6107	30.4998	32.181	28.1537	25.3804
23.8142	18.1535	23.1391	22.2586	24.0006	22.4897
8.60402	6.32845	7.27611	9.7258	9.03488	6.84705
6.98504	3.68506	4.31189	5.73616	7.97987	4.3207
37.2718	34.4573	34.9819	31.1202	38.8629	28.2343
9.0655	6.66051	6.90658	8.34483	7.58818	7.73766
0	0	0	0	0	0
0.289243	0.172577	0.220965	0.326525	0.149484	0.364686
0	0	0	0	0	0
1.52915	1.10488	1.16785	1.17469	0.635915	0.578443
10.5721	9.28426	7.32103	10.3009	7.47976	7.62734
0.0207441	0	0	0	0	0
27.9625	25.1287	28.936	28.6856	26.0926	27.6195
0	0	0	0	0	0
7.57898	7.43894	7.76147	7.67323	5.08551	7.23243
0.0547588	0	0.132372	0	0.0444314	0

8.2532	6.42297	6.64529	6.11285	6.41265	6.41395
8.14304	5.92332	7.3026	6.47741	6.49014	7.12431
2.33662	1.32612	1.91635	2.07624	2.18866	2.00138
14.5189	10.7437	10.2787	11.8708	8.78202	9.33553
10.4494	7.34801	5.68527	6.04857	6.17181	6.25134
2.58652	2.28937	2.51026	2.7655	1.59278	2.74009
0.0637569	0.228244	0.30943	0.0462695	0.0494253	0.103354
2.05328	0.816726	0.369079	1.82123	0.530577	0.55475
2.22738	1.88271	2.30215	2.06547	1.89458	2.73313
1.28382	1.43537	1.35772	0.909842	1.05448	1.29115
0	0	0	0	0	0
0.0416764	0.0328235	0.0168556	0.0541847	0.0242312	0.0168901
0.0804555	0.37443	0.325394	0.408716	0.311852	0.456483
13.8374	14.0977	15.1061	14.6522	14.352	14.8271
0	0	0	0.0677512	0	0.294341
37.2388	41.0958	34.8176	40.753	30.0404	32.5667
0.226583	0.227121	0.366556	0.164435	0.245911	0.257114
0.0284767	0.0516092	0.00575856	0	0	0
11.1221	8.87446	9.50365	9.58841	10.9302	10.0321
12.3195	10.4342	9.24171	9.35142	8.85469	9.3257
41.2324	31.8683	37.972	43.8461	37.3998	39.8951
31.2518	44.7514	151.674	113.4	72.6807	50.6613
0.154187	0.0551975	0	0.0279741	0.0896462	0
25.8676	34.24	23.5613	23.1371	20.3339	19.792
0	0	0	0	0	0
0	0.0161607	0	0	0	0.0182949
0	0	0	0	0	0
8.35136	6.21447	7.32304	7.43071	7.20094	7.64076
6.2244	4.13645	4.72551	4.81979	5.57929	5.14202
0	0	0	0	0	0
0.0355326	0.00636017	0.035927	0.0322333	0.00688636	0.0216003
3.7032	2.7672	3.0216	3.3212	3.03374	3.22439
5.57556	3.63619	4.58401	5.83412	4.56621	4.53386
62.7949	70.5468	65.2692	64.1625	53.8109	55.9022
11.7045	10.9491	11.9471	12.1851	11.72	12.508
0.65404	0.367978	0.755564	0.677772	0.651931	0.568102
0.40848	0.158089	0.178601	0.240358	0.145493	0.10738
21.5388	18.6498	21.1011	21.8863	21.2415	21.1304
0	0	0	0	0	0
0	0	0	0	0	0
18.3902	18.8298	18.5035	17.9811	14.3604	15.6765
0.151147	0.306618	0.326025	0.255943	0.195285	0.34711
0.48458	0.195518	0.226155	0.277245	0.318863	0.321518

0	0	0	0	0	0
0.70894	0.841132	0.79952	0.9202	0.766022	0.78605
0.00265073	0	0	0	0	0
0	0	0	0	0	0
0.719846	0.459016	0.431965	0.729329	0.138521	0.325872
0	0	0	0.0320218	0.0684118	0.0357643
0	0	0	0	27.1295	0
0.939719	0.808862	1.99293	0.71143	0.719521	0.740569
1.05717	1.81607	1.75172	1.80594	1.28805	1.55916
11.3291	10.8152	11.1574	11.9719	12.3263	10.9547
0.153377	0.184822	0.144783	0.129898	0.1762	0.209228
1.04E-08	8.05E-09	1.05E-08	6.24E-09	1.81E-08	1.00E-08
0	0.0432215	0	0	0	0.0489294
0	0.0026422	0	0	0.00442742	0
55.4677	58.0303	53.8476	50.8315	59.3438	35.8022
0.129791	0.0929282	0.227469	0.094192	0.134155	0.227934
8.80047	6.92105	9.37833	7.78561	8.3816	7.06514
15.7541	12.6987	14.3926	15.6141	14.4266	15.6617
1.35043	1.62524	3.16947	1.30102	6.45863	6.21462
24.6519	23.2521	25.4455	29.0475	29.617	31.3409
0	0	0	0	0	0
9.08165	7.85419	7.15562	7.80683	7.63569	6.48923
0.365176	0.749974	0.0886201	0.898102	0.184431	0.835498
7.30714	5.56622	6.32893	6.07778	6.81563	6.82866
0.577764	0.272594	0.780746	0.665303	0.849564	0.785554
8.18333	7.8842	7.59949	5.05743	6.68806	6.8001
10.8681	9.52601	12.0196	10.7947	11.9018	9.64504
10.6493	11.4644	10.783	12.7045	10.9281	12.1401
1.00392	1.10977	0.899415	0.475091	0.888628	0.709061
0	0	0	0	0	0
0	0	0	0	0	0
8.09333	7.43984	7.59976	8.74536	7.77827	8.64998
4.2853	3.77784	4.50382	4.14656	4.36158	4.30037
6.77542	5.50293	7.7432	6.88517	6.42483	8.53536
0.43516	0.311339	0.944131	0.481812	0.461467	0.445205
83.8374	73.3993	84.8987	93.8615	99.5486	82.7625
9.72247	8.80426	9.03946	8.94679	8.05082	9.08531
17.4742	17.4008	17.7123	16.6674	18.8969	17.0788
15.4026	12.8476	18.1899	15.7144	14.5374	17.0411
5.55998	4.3716	5.40786	5.17368	4.38951	3.64948
0	0	0	0	0.0397215	0.0207656
1.88088	2.24841	2.20925	2.71847	3.07409	2.06398
0.481374	1.47758	1.62047	0.857677	0.836066	1.75396

10.4454	8.26427	8.52006	9.33218	10.6151	9.92482
0	0	0	0	0	0
3.85403	3.75747	2.74448	4.23884	2.4002	3.79122
0.659189	0.563315	0.842807	0.756157	0.774762	0.999648
0	0	0	0	0	0
0.513843	0.0919754	0.519546	1.02549	0.497924	0.312365
0.634184	0.847586	0.889163	1.56481	1.70432	1.98757
1.88505	2.15811	1.155	1.2905	1.30947	1.3677
0.242199	0.797686	0.548548	0.421844	0.488167	0.431883
6.96013	6.50763	7.5507	7.42808	7.29993	7.93117
2.48057	1.16029	2.30295	2.02134	2.39331	1.94785
2.44073	2.18651	2.82786	2.30609	2.67514	2.7094
40.4094	30.208	30.2651	33.4635	30.3868	29.4605
0	0	0	0	0	0
1.43903	0.925793	1.40018	1.5741	0.970051	1.50451
0.137079	0.127953	0.125985	0.107022	0.106266	0.178681
0.240919	0.170836	0.0996392	0.097518	0.00779529	0.228348
7.63568	7.32173	7.72028	8.41081	5.54923	7.9571
1.33953	0.900362	1.45944	1.72602	1.71659	2.32658
0.619237	0.266017	0.400711	0.5168	0.480042	0.552402
23.2495	19.5997	21.7787	19.5347	22.103	26.1876
8.86694	8.13602	8.73905	8.02801	5.4056	7.43117
0.39838	0.641043	0.397734	0.347447	0.27822	0.597185
134.897	138.246	146.203	155.639	154.683	152.077
0.194526	0.383011	0.157348	0.317634	0.226199	0.118252
40.5979	43.6953	44.0074	44.3041	43.7948	42.2278
21.5226	20.8382	24.8279	24.6714	24.3634	23.491
26.9791	27.2889	28.3548	25.4142	23.5873	22.632
54.9746	55.1976	49.6366	54.6791	47.1929	41.2732
0	0.128172	0	0	0	0
0.345044	0.257119	0.461239	0.247651	0.15844	0.245277
35.3242	29.3075	35.3993	32.7619	28.2455	33.7886
2.23676	0.177942	0.452318	0.0676357	0.0722488	0
12.1764	11.5633	12.1295	12.0903	11.1639	13.5171
4.5873	1.94157	3.42068	3.17303	3.81545	3.76657
4.67423	4.13684	3.33453	4.61712	4.32811	4.63053
0	0	0	0	0	0
34.4105	31.893	34.1367	34.386	32.5065	29.6797
9.3479	11.483	10.0818	11.9052	9.09382	8.13391
1.41349	0.554986	0.590114	0.595624	0.812985	0.739151
63.01	37.8026	30.8375	97.896	17.4451	165.817
0.77433	0.739207	0.487153	0.842918	0.533576	0.348678
0	0	0.0476498	0.0427509	0	0

9.53075	11.5826	9.94085	12.1041	7.58313	7.62335
0.166033	0.118877	0.0671506	0.0602467	0	0
3.65299	4.75456	2.23723	4.13752	2.37674	0.919986
1.32736	0.712775	0.805258	0.695711	0.685995	0.597707
1.69523	1.51514	1.84506	1.69076	1.64208	1.88837
4.2267	4.36528	4.12719	3.85017	2.6454	3.6826
20.8372	24.4125	26.6708	18.9832	18.3492	19.1129
37.4533	50.5583	43.6495	64.9731	72.7688	38.0165
0.970156	1.26293	1.46247	0.928078	0.717894	0.965058
0.178418	0.255487	0.0360796	0.258962	0.209197	0.25458
0.362952	0.184521	0.145924	1.02708	0.163159	0.273454
4.89973	5.11183	5.12964	5.01879	5.26343	5.01534
0	0	0.0999092	0.0896374	0	0.100113
2988.44	3552.93	3281.58	3028.54	3131.82	3123.62
3.46229	3.97484	4.70787	4.37547	4.21114	3.91915
10.9005	10.5656	11.5835	12.2209	10.8452	13.6403
0.538383	0.249442	0.564761	0.459359	0.441309	0.384774
4.05061	3.19003	3.45399	4.32967	3.49569	3.76815
11.8079	12.0443	11.5791	12.619	13.6051	14.5527
17.3765	19.4205	21.0251	19.9376	13.4881	17.164
0	0	0	0	0	0
0.0358327	0	0.0289844	0.0818744	0.125002	0.0290436
43.7785	51.1041	36.8735	54.7934	34.8513	61.0278
2.09068	3.9917	3.6077	2.62989	2.49522	1.92051
0	0	0	0	0	0
0.339016	0.17653	0.274223	0.0447327	0.0955673	0.124902
0	0	0	0	0	0
14.6169	11.2793	12.7816	12.6875	13.8755	12.9375
0	0	0	0	0	0
0.198659	0	0	0.144171	0.136885	0.143122
30.717	34.4122	31.486	37.1781	38.78	35.6511
15.3293	14.7919	17.3356	15.2065	14.4198	12.6633
1.36134	0.597394	0.994599	1.21104	1.53194	0.818662
0	0	0	0	0	0
2.89794	2.3462	2.61456	2.63695	2.66128	3.6498
0.0433214	0.0620345	0	0	0	0.0351134
0.328342	0.174948	0.179118	0.221659	0.266375	0.396104
13.8101	11.9477	13.4316	14.4667	17.1421	13.4256
0	0	0	0.0125145	0	0
0.0681744	0	0	0	0	0
3.70772	3.00069	2.84989	3.45149	3.16898	3.30125
2.73442	3.4415	3.65758	4.98746	3.93212	2.21663
25.7874	25.1437	23.9491	26.6586	25.5722	21.1397

2.76018	2.85916	3.00972	2.92495	2.51975	2.43618
0	0	0.138423	0.124191	0.198993	0.0693528
61.2545	64.2791	55.5991	51.6175	39.7525	41.0582
0	0	0	0	0	0
0.675125	0.481529	0.64555	0.490653	0.438331	0.365258
0.527198	0.94466	1.02044	1.27652	0.53168	1.01763
29.4059	26.0559	28.5825	32.4822	32.1158	27.6533
0	0	0	0	0	0
5.79943	5.08618	6.28177	6.14565	6.90705	6.42474
1.53017	1.691	1.26463	1.23118	1.34094	1.34811
236.045	256.879	244.118	230.288	285.275	268.154
1.36563	1.13058	1.56589	1.57985	1.40629	1.65158
7.73895	7.34987	4.75789	9.87847	9.19209	12.3096
0	0	0	0	0	0
0	0	0	0	0	0
0	2.31086	0.0933678	0.72144	0.252656	1.57116
0.126692	0.120945	0.170797	0.306475	0.0327378	0.171146
0	0	0	0	0	0
3.4467	2.36095	2.76911	2.81754	3.34388	3.86717
2.71809	1.93249	2.69061	2.74504	2.68177	2.98883
0	0	0	0	0	0
18.0094	17.7875	18.3764	20.544	17.678	17.6843
273.196	233.3	277.491	312.744	251.087	285.955
2.68718	1.96491	3.12167	2.73849	3.81171	2.4561
202.02	188.135	199.84	216.513	214.53	192.441
28.5337	27.9414	24.4064	29.1802	21.4381	24.1107
54.6556	52.9451	49.5	49.038	40.1023	44.2469
41.3567	38.8347	40.9956	41.4684	32.1105	41.259
0	0	0	0	0	0
0.102819	0	0	0	0	0.0833381
35.5589	34.1924	34.2926	38.4528	49.1837	35.6384
0	0	0.0992448	0	0	0
0	0	0	0	0	0
17.0084	16.8754	16.2826	17.8446	15.9506	15.9028
29.3527	29.2433	31.1112	33.7026	36.4628	36.0007
13.3421	11.7382	14.3972	13.9155	14.8201	17.6907
0	0.00543787	0.00614344	0	0.00588776	0.006156
0.36853	0.40903	0.298097	0.356038	0.0949006	0.331666
0.0768329	0.0513744	0	0.055759	0	0
0.779705	0.446603	0.632439	0.623845	0.785771	0.678985
0	0	0	0	0	0
0.377463	0.270256	0.610644	0.273931	0.292615	0.611892
0.327101	0.300954	0.1695	0.194814	0.426554	0.260187

0.209832	0.180283	0.135783	0.243646	0.260264	0.238106
14.3597	8.46153	9.83347	11.6735	9.92463	14.8231
7.57747	6.66297	6.09094	8.8673	7.32434	6.23776
5.11096	3.59552	3.94988	4.67952	4.65316	4.80895
0.107659	0.0770815	0	0.0781298	0.0834587	0
8.8375	7.59194	7.89078	8.09678	7.18897	7.95663
0	0	0	0	0	0
12.9262	13.8565	10.7992	18.001	7.55677	15.404
0.156988	0.0749336	0.169312	0.151905	0.0608497	0.127244
23.9386	36.6507	29.0249	12.4195	20.5417	13.9116
0.950763	0.849875	0.858536	0.839145	0.669165	0.811293
0.388889	1.01421	0.494774	1.02839	0.414445	1.06786
16.8996	12.1102	15.4547	16.0362	15.6411	16.2928
106.382	63.7076	133.299	187.137	55.4809	22.0347
0	0.0368398	0	0	0.0398877	0
40.8925	44.4018	42.8256	43.5499	40.0003	38.4076
3.02439	1.62047	2.25196	2.76174	2.42219	2.20786
0	0	4.81727	0	0	0
0.0475116	0.0170087	0.0384311	0.05172	0.147327	0.115529
0	0	0	0	0	0
0.653386	0.598889	0.533213	0.60986	0.510834	0.340729
0.837098	1.17145	1.04644	0.828405	0.619434	0.555133
118.367	21.1871	47.8722	42.9504	22.9399	74.9532
10.438	12.2381	15.5013	12.0038	13.9356	14.1453
17.7978	13.9552	15.8107	15.4053	10.5062	15.2456
15.9048	10.9256	11.6386	13.1813	14.0803	11.9762
34.9925	40.9858	37.598	36.1807	39.0824	39.9985
7.27045	7.84543	8.11489	8.04893	7.01443	7.39061
0	0	0	0	0	0
6.25796	4.55618	6.76444	5.56834	5.9645	6.105
72.4598	74.0333	83.1284	71.9469	88.7247	55.2763
39.3099	42.6307	35.6068	35.5859	33.5734	37.387
451.136	555.469	559.59	580.744	498.211	549.176
0.95104	1.13495	1.35643	0.8478	1.21973	0.859001
0	0	0	0	0	0
3.69351	2.42894	3.07561	3.34652	3.15044	2.97718
1.94638	1.90588	2.06439	3.02892	1.81368	1.34249
0.53389	0.486506	0.706668	0.317007	0.451505	0.275377
0.12484	0.139663	0.113604	0.120799	0.108876	0.158107
2.09587	1.73927	2.15755	1.45168	1.10795	1.96896
181.771	155.543	173.543	198.511	211.43	184.485
8.51999	17.2957	10.4186	8.58361	7.69268	6.54014
276.033	275.629	312.668	321.521	350.648	317.149



164.132	165.576	169.416	157.581	188.035	151.821
0	0	0	0	0	0
15.0928	13.5764	16.4751	14.5114	13.5106	16.0662
67.0175	71.367	75.6502	74.098	71.3564	65.0982
0.354374	0.16915	0.143323	0.514352	0.137358	0.335104
11.6978	14.8243	14.3307	14.1245	12.6715	11.7408
9.96961	6.22444	8.71036	6.77587	9.77937	8.48432
0	0	0	0	0	0
4.83525	3.01174	2.70097	3.60344	1.79854	3.81369
67.3959	59.3463	70.9252	63.4421	66.8296	65.7741
6.78381	5.18912	5.00748	4.43787	5.61843	6.86221
0	0	0	0	0	0
0.750893	0.84461	1.30157	1.1673	0.5822	1.04334
42.5321	36.5063	45.7892	41.7062	55.9338	38.865
25.6052	23.9706	25.3333	26.694	30.7017	27.4403
0	0	0	0	0	0
0	0	0	0	0	0
19.573	23.0365	17.7841	13.6207	12.679	15.8646
141.314	155.601	143.45	168.03	163.303	129.612
7.00162	7.11726	7.83097	7.40224	5.76281	6.09542
0.226028	0.194198	0.43879	0.426484	0.070088	0.109922
0.481719	0.31491	0.457418	0.349592	0.389672	0.814851
0.754626	1.0806	0.646308	0.57986	0.550586	0.647629
39.2025	33.4624	38.2346	40.1728	38.6231	33.9484
9.07334	8.89555	9.25745	7.81931	7.63326	7.1871
12.4103	15.137	12.5421	13.2769	10.9412	12.1351
18.2348	17.182	15.3548	15.9446	13.7246	12.0973
10.0043	6.81615	8.30509	6.24578	7.35942	5.58971
1.00246	0.956988	1.67579	0.921502	1.2952	1.27296
0	0	0	0	0	0
2.81444	1.5777	1.90594	2.07416	1.35305	2.19278
0.900536	0.482448	0.453356	0.562132	0.434488	0.449179
0	0	0	0	0	0
1.0697	1.37511	0.806266	0.776303	0.94233	1.16261
11.8366	10.3466	10.0303	10.542	8.15046	9.65693
26.6092	19.7111	29.1393	24.9431	27.0844	33.9557
29.7159	27.6359	28.9975	32.9825	30.6401	31.1667
1.65517	1.18507	1.23424	1.21996	1.30316	1.32061
0.681885	0.976433	1.85526	0.494856	0.816939	0.703425
1.99962	1.01671	1.24239	1.17775	0.898629	1.29191
0.322878	0.260071	0.0652924	0.234319	0.312875	0.130852
0.026063	0	0	0.0047286	0	0
0	0	0	0	0	0

24.997	29.5358	28.1087	30.4618	28.563	28.986
10.6836	6.98088	10.2359	7.45219	6.59352	8.65943
0	0	0	0	0	0
0.0393274	0	0	0	0	0
14.9874	11.6469	14.6179	13.0788	14.4211	13.6537
20.2615	15.9344	19.3531	18.1847	22.3073	19.4801
0.103579	0.148321	0.502697	0.300676	0.240888	0.0839541
0.703439	0.485714	0.826176	0.258627	0.811881	0.488969
0.346381	0.205525	0.14324	0.189832	0.0762658	0.212018
22.9775	22.5524	21.2929	25.1288	20.0956	19.3803
61.356	66.5386	60.052	63.3345	56.2401	66.7156
0.0415412	0.0594854	0	0.0602944	0.0966101	0
14.583	11.4877	13.2636	14.4848	15.2513	14.5027
9.82746	9.85601	13.3913	9.72541	16.6126	11.4827
6.82387	5.36367	7.3722	6.13759	5.87272	7.54482
0	0	0	0	0	0
31.4308	32.4211	31.9474	30.349	30.8494	32.0935
0	0	0	0	0	0
1.72681	1.34876	1.70153	2.18736	1.41167	2.34121
0.131149	0.05634	0	0	0.0610011	0.0425202
19.7702	13.9596	18.4784	16.0355	14.5187	15.8113
0	0	0	0	0	0
292.036	436.198	198.771	263.876	238.319	271.85
2.63704	1.99687	1.38829	1.3753	2.19673	3.4271
0	0	0	0	0	0
39.3059	42.4959	39.9357	36.5587	36.6159	36.2499
1.53913	0.881593	1.36953	1.00528	1.31248	1.49702
0.691228	0.33862	0.176564	0.13201	0.169216	0.471801
54.3882	51.6373	56.2094	56.476	54.4062	54.1076
0	0	0	0	0	0
20.2171	18.4857	20.6608	18.4222	22.5838	20.4953
10.1047	8.8588	10.3001	7.96914	9.79152	9.90334
0	0	0	0	0	0
7.97E-07	3.14E-07	2.31E-07	7.31E-07	2.24E-06	7.02E-07
0	0.0433634	0	0.0879063	0.0939019	0
6.63305	7.62029	6.8132	7.33588	5.10843	6.98088
10.1234	10.5592	9.30089	11.7005	10.0278	9.21947
14.6433	11.9519	14.9377	14.9896	12.2427	15.4954
2.38941	1.32196	1.22993	0.709378	2.44167	1.14441
14.9679	15.4994	14.4358	17.1218	17.975	14.8539
16.9064	16.0341	9.79718	14.2226	15.323	14.402
2.62135	2.66935	2.18746	2.91373	2.57267	3.42026
0	0.0377281	0	0	0.0408494	0.0427104

8.07148	7.23514	9.39387	8.01216	8.06755	8.72864
5.0188	5.02586	5.94782	6.55261	5.39841	4.67433
3.94858	2.13643	3.01085	3.09318	2.39025	2.15782
7.56024	6.54526	7.07145	7.26081	7.92492	8.56391
12.2251	13.1996	15.8994	14.4545	11.7914	13.5474
13.663	12.6699	14.1534	15.1212	13.6241	14.4413
3.90331	3.88497	2.68208	3.25921	3.54529	3.79008
156.434	121.736	146.894	151.276	113.898	151.593
1.12013	1.29552	0.557569	0.437715	1.73668	0.488871
0	0.127093	0	0.0644108	0.0688039	0
28.1736	27.5982	25.1322	28.8212	31.0767	27.4179
2.61766	2.17365	2.55741	2.35663	2.42568	2.34679
104.324	105.788	105.466	91.3456	108.631	90.6287
1.34959	2.41219	0.714937	2.94608	0.990406	2.39823
51.0963	49.4737	8.56597	37.0815	8.20947	131.353
0.0508228	0.0718887	0.112606	0.0809067	0.056412	0.0500618
5.81065	7.45847	10.4246	8.33763	8.81953	8.82353
0.813796	1.70735	0.517052	0.189992	0.501114	0.659609
7.55749	4.15202	4.99337	4.75151	4.2925	4.21514
0.116923	0.0558097	0.126102	0.19799	0.0604269	0.18954
31.2829	32.1673	31.6299	31.894	34.9756	31.3027
0	0	0.0283512	0.0508728	0	0
5.74771	4.77927	5.58136	4.89518	6.17699	5.81489
0.0659054	0	0.0266548	0	0.0510909	0.0267093
0.0280971	0	0	0	0	0
0	0.0194218	0.0219418	0	0	0
0.598122	0.428244	0.398431	0.383001	1.2001	0.427763
7.34469	6.42813	7.37603	7.57729	7.83281	7.223
5.07251	4.64974	5.52279	4.56012	4.73507	5.56254
0.0522836	0	0	0.0379431	0.040531	0.0423776
101.741	114.883	106.109	116.93	119.347	94.2631
0	0	0	0	0	0
1.76733	2.05639	0.893666	1.25267	1.11334	0.80573
0.165661	0.185328	0.111666	0.254971	0.431643	0.0895158
2.40395	1.29089	1.60136	1.87287	1.20584	1.40405
6.45346	4.4502	5.68187	5.16945	6.22531	4.00547
37.1178	34.8502	39.26	36.4745	35.0016	41.1489
4.33535	3.93547	3.47547	3.59571	3.12077	3.98457
0.162004	0.194954	0.118669	0.207225	0.126431	0.15402
24.9844	26.8883	32.3938	27.989	27.3411	31.0707
0	0	0	0	0.0394829	0.0206409
1.94153	2.35465	3.30117	2.84676	2.82591	2.28022
7.96203	6.29224	8.74912	7.84961	6.63812	8.03642

0	0	0	0	0	0
10.4206	5.71834	14.7773	10.751	4.3415	11.7847
21.3847	14.8315	18.6482	18.777	20.0887	19.918
19.2819	18.7752	17.4683	17.8412	17.7128	17.8947
2.56775	1.55562	1.51781	1.8993	1.5312	2.40144
0.249762	0.178825	0.404054	0.181257	0	0
0	0	0	0	0	0
0	0.0756469	0.0854621	0.0766757	0.0819053	0.0856369
2.67E-05	3.49E-05	1.72E-06	0.00020966	1.14E-05	0.194237
6.60229	8.36035	7.67967	8.51364	7.90994	7.56269
0.392717	0.310265	0.350523	0.216208	0.199461	0.329287
14.3797	9.74471	11.6502	12.5594	17.8912	10.3875
1.40314	0.821811	0.501226	0.469334	0.508396	0.443694
0	0	0	0.0643334	0	0
0	0	0	0	0	0
0.134759	0	0.0665823	0.185846	0	0.0250193
31.8694	38.6213	21.6752	23.0017	17.6061	17.6236
11.1107	19.3194	16.6905	10.367	5.16791	12.8651
24.0068	27.8332	29.8307	27.7357	29.9506	26.1747
14.2488	16.1272	15.1928	17.2344	11.1204	17.0321
9.72412	5.75022	9.35173	11.8283	7.62984	9.82822
5.77666	8.00975	6.74864	6.73178	6.09742	6.98908
0	0	0	0	0	0
3.92189	4.02887	3.70435	3.46492	1.58625	1.91519
171.054	195.621	171.802	198.228	210.924	158.962
0	0	0	0	0	0
0	0	0.253077	0	0.0606359	0
0	0	0	0	0	0
0	0	0	0	0	0
1.06823	0.972286	0.513705	0.478538	0.327221	0.93432
41.6689	47.0698	41.0852	39.9773	41.5372	23.1265
0.00837912	0.0134984	0.0564808	0.00760109	0	0.0510782
7.47433	7.11431	5.44125	8.00875	4.7717	8.30333
533.405	590.278	624.352	593.85	623.175	474.336
0	0	0	0	0	0
19.8859	14.0603	15.1333	17.8594	18.7595	12.4587
3.54244	2.3777	2.81648	2.62635	3.45672	2.9484
102.099	98.423	99.2581	101.187	105.856	104.622
0	0.0382469	0	0	0	0
0	0.380851	0	0	0	0
39.6836	37.1906	41.2332	41.6767	39.1419	45.1093
0.66309	0.425646	0.554855	0.0331873	0.19498	0.166797
0.0689386	0	0	0	0	0

0.0372058	0.0266387	0.030095	0.0540019	0.0865276	0
16.0605	11.8027	11.2274	12.2888	11.7013	13.7572
1.71657	1.48778	1.3885	1.79213	1.3774	1.19606
1.01232	0.956735	0.818842	0.881587	0.627811	1.47693
0	0	0	0	0	0
1.45174	0.901914	1.53637	1.11572	0.943549	1.27407
6.80766	4.39295	6.46691	5.4	5.72284	6.00329
2.31271	1.73408	2.12111	2.77526	2.10342	2.36161
1.82878	2.51399	2.46544	1.96422	2.64637	2.11473
0	0	0	0	0	0
0.265831	0.148034	0.167242	0.107177	0.137384	0.0718215
13.1086	15.3609	13.7602	12.1614	9.83706	14.2344
0	0	0	0	0	0
6.41865	5.5265	5.79827	5.72066	5.43892	5.88608
0	0.0352842	0	0.035764	0	0.0798876
1.77923	1.31964	1.42723	1.60491	1.13094	1.55079
0	0.0361693	0.0817246	0.0366612	0.0130539	0.0272972
0.215019	0.126756	0.189993	0.213122	0.0736102	0.112105
374.486	397.276	400.118	397.516	408.478	308.682
11.8533	19.7488	12.7203	12.1312	7.03733	13.229
0.490377	1.0533	0.925532	1.54213	1.14044	0.529957
0	0.0181168	0	0	0	0
40.7264	40.4359	36.1869	40.0865	35.2923	36.2701
8.48947	6.51934	7.59	10.0055	8.72841	9.48174
8.19838	7.27033	8.02557	7.32876	9.126	7.32899
11.8053	10.0824	11.4126	11.123	9.25736	11.0308
6.4002	7.09394	6.78651	5.44864	5.13646	6.0023
12.3674	5.40835	8.60604	13.0777	8.32442	10.8446
0	0	0	0	0	0
1.22166	1.57783	2.07903	1.3272	1.30526	2.49182
0	0	0	0.164921	0	0
0	0	0	0	0	0
1.23228	1.73612	1.15754	1.15392	0.739575	1.41766
24.663	27.8865	26.6529	23.8303	29.9658	19.9923
0	0	0	0	0	0
0.0442826	0.042274	0.0119398	0.0214245	0.0228857	0
1.28088	1.28592	2.11721	1.05081	1.29517	1.46702
0.097041	0.0694795	0.156989	0.140849	0	0
120.681	116.887	103.606	126.43	120.662	104.478
0.558097	0.450791	0.48586	0.60199	0.432646	0.765845
1.56063	1.06243	1.03472	1.37395	0.852828	0.870945
1.57326	1.84893	1.38709	1.52178	0.758314	1.74997
0.956801	0.634307	1.14657	1.08013	0.934026	0.97658

4.07372	3.6929	3.97718	3.57492	2.97122	3.08884
0	0	0	0	0	0
0	0	0	0	0	0
27.7038	24.3144	23.5237	24.3866	22.4943	34.4664
0	0	0	0	0	0
13.9577	9.72115	9.62768	10.0102	8.62387	8.89858
7.94068	9.43655	10.992	9.98075	8.63072	9.88651
0.856546	1.43096	0.230948	0.621611	1.10668	0.46284
16.6579	13.205	16.7409	17.6476	19.5998	16.7099
44.3176	42.5892	45.7412	43.7464	48.6317	48.2367
21.8143	17.4886	12.7957	19.2987	13.2755	19.3892
32.3536	30.5279	26.3583	29.4329	27.7814	26.2616
0	0	0	0	0	0
0.40572	0.165993	0.328178	0.16825	0.112329	0.30536
0.0781964	0.0839807	0.189754	0.0567485	0.121238	0
0.917133	0.996296	1.30463	1.14755	0.907107	1.05097
0	0	0	0	0	0
0	0	0	0	0	0
30.2105	28.0747	35.9466	38.2038	39.2967	32.9862
0.155847	0.324358	0.252124	0.454988	0.219123	0.355426
0	0	0	0	0	0
8.93331	8.7429	7.43162	9.48761	8.12127	10.0323
0	0.0414819	0.0468642	0	0	0
466.376	729.577	566.564	566.74	327.341	513.705
13.8591	14.4111	16.5373	19.9256	15.9285	22.9836
962.392	906.106	945.449	995.457	1035.36	884.674
0	0	0	0	0	0
3.94369	2.90939	4.11062	3.43441	4.6516	4.64503
2.18664	2.43934	2.54173	2.35624	1.28269	1.89644
1.29817	0.728226	1.13825	0.877303	0.607229	0.696132
0	0	0	0	0	0
0	0	0	0	0	0
21.825	23.4247	19.6486	21.2377	21.5285	22.6537
61.0535	59.8194	53.9831	44.2126	37.9507	53.8308
0.0891454	0.0425509	0.024036	0.0862592	0	0.0722553
0	0	0	0	0	0
0.301909	0.729543	0.702097	0.410813	0.672877	0.458826
1.09834	1.33898	1.07397	1.53456	0.917924	1.78877
16.8102	21.4704	19.4747	15.5509	15.991	16.6198
8.12085	4.01611	7.04283	3.64569	9.34587	2.51074
11.6388	8.21984	8.98772	9.51821	9.06343	9.0346
2.58992	1.37997	1.53466	2.33851	1.14395	3.39291
0	0	0	0	0	0

0	0.00171845	0.0364017	0	0	0.00758703
5.52798	4.52963	3.57718	3.7443	5.14245	4.48061
20.3301	12.827	15.4429	15.8773	18.4802	16.5451
0.0531114	0	0	0	0.0411728	0.0430486
0.327386	0.234402	0.22068	0.118795	0.465291	0.176905
0	0	0	0.13381	0	0
2.5555	3.65938	3.18444	3.25804	3.74796	4.53451
1.87385	0.760264	0.353668	0.997252	2.66317	0.658156
0.0675157	0.0752783	0.0564417	0.132533	0.0169263	0.0938199
0	0	0	0	0	0
3.1606	1.14906	1.769	1.36434	4.3995	0.543963
11.1313	17.744	10.7303	9.71855	8.55675	8.48622
4.9394	4.48021	4.90648	4.77301	3.90313	4.68682
0.17566	0.167853	0.162542	0.377363	0.108785	0.16027
0	0	0	0	0	0
0.371552	0.266024	0.601082	0.134821	0	0.150578
0.567155	0.304554	1.03221	0.308696	0.659502	0.689548
8.61587	8.18211	5.36792	6.62818	5.28403	5.61594
13.7415	8.10973	13.5107	10.9968	11.8166	13.1738
7.78185	6.93012	6.72831	7.38357	5.71286	6.18487
11.3146	6.43119	6.37208	6.30091	4.04334	4.5315
8.54702	10.6142	7.08588	8.3375	6.65342	9.61757
1.25672	1.79958	2.34933	1.94565	1.40722	1.26761
0	0	0	0	0	0
266.111	248.402	162.375	125.388	235.151	217.191
0	0	0	0	0	0
7.48217	6.98236	7.75273	6.63404	6.28116	7.23609
0.159924	0.110317	0.191664	0.102322	0.0948793	0.176359
5.17301	5.16011	5.22027	6.02304	4.127	5.85174
0	0	0	0	0	0
16.8226	11.8124	13.4525	13.0684	14.7037	12.6965
7.55763	5.38079	7.72435	5.98245	6.08118	6.33405
8.85903	10.0386	8.66132	5.7023	3.01711	6.93328
504.599	443.533	501.67	495.312	350.932	475.44
0.0810253	0.200413	0.195877	0.233004	0.187477	0.194468
0.485865	1.37007	2.1656	1.12916	1.27971	1.58945
3.2292	2.89011	2.69721	3.18408	2.96589	3.99245
8.30282	8.5501	8.18172	8.35379	9.78712	10.0765
0	0	0	0	0	0
1.86884	2.03585	1.32183	1.75391	1.44323	2.67566
10.5636	9.48401	8.85049	8.66628	8.10941	8.34056
5.38733	5.35454	6.38026	7.80286	4.00012	5.52735
0.081355	0.0349492	0.171097	0.141698	0.0882947	0.0923173

27.0803	22.3618	21.0861	22.3719	26.4693	20.124
16.5981	16.8423	15.3313	16.3314	18.1546	19.045
1.61634	2.36709	3.46281	3.48773	1.97271	5.00666
7.08888	5.65415	5.86028	7.23142	4.97698	8.0585
51.8775	32.9162	33.5075	41.1604	48.0945	33.4976
0	0	0	0	0	0
17.2232	15.086	17.2787	16.046	16.6723	17.6615
2.66035	2.19629	0.856627	2.20007	2.0939	2.66854
0	0	0	0	0	0
0	0	0	0	0	0
9.36335	9.14814	9.32922	8.2639	7.78789	8.08341
0	0.191276	0.108047	0.0969386	0.310651	0.54134
458.004	531.786	504.119	494.337	458.579	454.34
13.3958	14.7468	14.8705	15.2587	15.5614	12.912
0.278193	0	0	0.217121	0	0.0445402
3.0429	8.60296	5.03535	3.15446	2.77727	1.90648
24.6904	18.3685	21.9118	23.8973	25.9113	24.5981
3.02702	2.05633	3.31794	2.01607	2.17361	2.5642
191.173	179.773	203.143	165.788	201.495	170.93
10.3248	10.4183	10.3421	9.12347	10.3264	10.3632
0	0	0	0	0	0
16.5268	12.832	12.9498	12.6987	12.7604	14.3641
31.4425	27.9174	28.0796	34.409	38.293	34.9512
10.7605	10.7605	12.7633	12.7633	11.8627	11.8627
0.990278	1.28227	0.937359	1.36087	0.98546	1.05313
3.85E-19	2.46E-33	0.169013	0.216442	6.24E-12	0.255995
11.6108	9.61943	10.7557	11.2349	12.1726	11.5844
4.38503	4.69858	4.70035	5.21653	4.10463	2.96536
1.45507	1.35709	1.23893	1.09766	1.06863	1.39664
2.44399	2.40206	2.80359	2.98295	2.23909	3.29555
0.0642565	0	0.0519758	0.186528	0.0996253	0.208328
0.474506	0.407718	0.319388	0.413263	0.310767	0.362734
5.032	3.75804	4.6056	4.66206	5.05965	5.22542
0.411133	0.462571	0.427574	0.596734	0.364248	0.71408
0	0.23722	0	0	0	0
210.074	229.329	268.688	291.759	289.4	239.821
9.54664	7.69338	9.11682	9.01883	7.2866	9.4593
0.127715	0.060961	0	0.030895	0	0
0.068682	0.147525	0.0555554	0.0498437	0.0532433	0.111338
8.36414	5.47072	7.74123	7.77425	8.52381	8.28512
0	0	0	0	0	0
154.944	159.877	156.687	178.775	177.402	157.861
0	0	0	0	0	0



16.2144	16.0162	18.6285	19.2658	19.3635	15.0402
4.30821	2.7655	3.41786	2.87192	2.71932	3.09707
1.1069	1.18546	0.89535	1.53679	1.16743	0.585871
0	0	0	0	0	0
2.20482	2.15541	1.44047	1.13852	1.44626	2.40569
6.17041	5.97045	5.58435	7.21511	4.62848	5.69155
0.024595	0.0528287	0.0198944	0.0713962	0	0.0598053
61.4628	63.4478	54.2441	63.3207	67.2504	60.1442
3.87021	3.76758	2.81474	2.79636	2.36862	3.16445
26.681	28.9071	31.0467	29.8121	30.8805	28.7559
2.23322	2.45436	2.95765	2.24989	2.39144	2.4144
0.791901	0.683084	0.864302	0.858512	0.76178	0.711442
1.71776	0.870085	1.30847	1.83023	1.13486	1.21953
1.89313	1.7671	2.26861	2.01502	2.08723	1.06843
4.77232	3.96962	4.68784	3.48834	3.98584	4.98073
5.46815	3.75722	3.9237	3.5203	3.82877	3.64578
0.910719	0.62587	0.353602	0.563875	0.169418	0.787229
0.375119	0.313565	0.415932	0.499243	0.343825	0.425699
1.92157	1.4618	1.45718	0.871575	1.48963	1.46016
78.2813	51.2221	76.7393	76.8712	95.7549	69.4939
94.4483	73.7899	76.6375	96.9943	93.0186	82.5717
18.565	16.379	21.4933	19.7305	23.4862	17.5079
0	0	0.127693	0.114565	0	0
0.179062	0.164835	0.281403	0.133662	0.237963	0.0746414
50.5184	57.1255	57.4733	52.9561	79.1167	106.808
14.7274	21.4111	16.9909	14.8636	12.0062	15.3163
0	0	0	0	0	0
13.6596	15.3838	16.3048	19.3438	19.6901	24.0583
4.38827	4.87813	3.50959	5.53133	4.74582	3.5434
0.470463	0.523978	0.27484	0.151744	0.182355	0.0423696
44.5408	46.4315	46.5958	47.3792	33.5223	43.387
1.96442	2.72718	2.11434	1.99761	2.48291	2.94854
2.14963	3.15666	1.06096	3.01428	1.49696	1.12219
2.67895	0.767232	3.90051	2.14344	1.66883	1.30283
0	0	0	0	0	0
52.0345	57.1239	55.5857	58.8009	53.5474	51.2094
0.211102	0.226717	0.227675	0.204267	0.136375	0.256658
3.58341	3.03524	2.6129	3.85072	2.81703	3.59965
6.90441	7.89214	6.46666	6.76878	5.21156	6.08716
4.22044	4.75674	4.70423	5.67141	5.32247	5.51586
83.1613	83.3304	89.5527	64.4246	54.55	62.537
0	0	0	0	2.9086	1.49733
0	0	0	0	0	0

2.26709	1.61927	1.90504	1.72199	1.73474	1.74717
1.15674	1.10427	0.868833	0.939406	1.9002	0.625053
0	0	0	0	0	0
12.5845	12.9745	10.9991	10.7492	7.65333	12.8895
0.512238	0.785899	0.769487	0.424846	0.397095	0.118625
0.131875	2.08739	1.0359	1.01051	0.393312	1.24871
18.7858	14.5035	16.3378	17.9035	17.1175	18.3028
20.6428	19.9617	22.3493	19.2257	22.7071	22.6348
0	0	0	0.204046	0.217963	0
42.3167	34.1781	32.4333	38.4644	27.5155	39.35
0.633762	0.165432	0.652467	0.443291	0.616232	0.691141
6.12605	5.91084	3.53946	4.10706	2.92856	4.01959
7.38516	6.39181	6.39538	7.56641	7.86358	7.25352
1.62738	1.61939	1.33866	1.68145	1.26157	1.31904
0.940985	0.439985	0.497073	0.308915	0.357288	1.50094
0	0.444503	0	0.112636	0	0.503204
0	0	0	0	0	0
0	0	0.0988723	0.0443536	0.0947574	0.198149
50.5143	51.2496	49.921	52.3045	54.5065	47.6247
0.254554	0.175766	0.14728	0.119006	0.0643465	0.0817618
0	0	0	0	0	0
20.968	29.8052	26.8716	30.4709	26.9455	17.3693
6.64562	10.9848	9.09191	9.52661	7.44147	9.177
0	255.172	0	0	0	0
0	0	95.7444	0	0	0
0.407786	0.618284	0.368656	0.626692	0.632245	0.466623
5.11421	5.19385	5.44747	4.3937	4.50656	4.78565
0.364558	0.212935	0.302644	0.250642	0.2603	0.447118
5.86229	6.38793	4.86945	6.46553	7.50149	7.21606
0	0	0	0	0	0
1.76283	0.917927	0.86419	1.39562	1.1181	1.55872
23.3074	23.6644	23.2825	25.334	24.8255	24.866
24.0837	30.7456	33.6962	30.7114	33.7724	25.1178
39.6768	39.1232	41.9536	43.2134	46.4967	45.0747
24.8995	27.3207	30.254	27.7265	32.4346	22.1237
100.926	87.9838	109.387	106.982	116.246	103.448
0	0	0	0	0	0.068245
0	0.0712956	0	0	0.0171542	0
12.7167	13.4199	14.2583	10.8207	10.9275	14.0382
0.306548	0.548707	0.247961	0.222468	0.237641	0.124234
0	0	0	0	0	0
5.99778	4.6732	6.13149	5.27756	5.92958	4.81345
0.088259	0	0	0.0160124	0	0.0178838

8.21891	7.22034	8.90811	7.64358	8.15869	7.07089
91.4569	93.7804	91.2852	88.9848	125.902	97.9754
1.89562	2.26778	0.698733	1.95034	1.52532	1.96434
10.6352	10.2016	10.643	10.0005	9.77722	10.2779
0.918474	0.445837	0.428132	0.564876	0.37411	0.555186
5.65416	2.17539	4.84144	2.32055	1.47686	1.90616
42.242	55.8249	49.4983	48.4947	50.012	49.4601
84.1723	78.4621	116.726	163.236	126.743	97.3335
104.523	89.7766	97.9778	114.103	115.314	102.8
0	0	0	0	0	0
0.972851	0.840364	0.93844	0.976406	0.754737	0.642965
0.0778861	0.11153	0.0378003	0.0452187	0.0241514	0.0631293
0.144524	0.0517383	0.0292257	0.183547	0.112037	0.117142
0	0.0264917	0	0	0.0286835	0
0.117116	0.0186333	0.131574	0.118047	0.107604	0
0	0	0	0	0	0
12.6708	10.148	10.7165	11.1876	11.5807	10.8048
0.125166	0.0168029	0.0759329	0.0681261	0	0.230168
3.11962	2.6795	3.0145	2.77948	2.54562	1.03328
8.07019	6.14496	7.79193	6.95366	6.57391	6.56192
7.69683	6.13896	13.9677	9.72438	13.6028	14.5458
8.15611	6.65682	5.84718	5.07346	8.01864	7.8443
3.23972	3.2474	2.62054	2.53921	2.00918	3.15108
0.385916	0.150714	0.397294	0.203685	0.135986	0.170617
48.7084	42.0956	45.5018	46.3566	36.1262	43.2971
4.76797	4.46157	6.64424	8.23939	7.70347	8.80057
0.145135	0	0	0	0	0
1.93E-07	4.20E-08	2.26E-07	1.88E-07	3.14E-07	7.26E-07
1.85085	2.28467	1.4455	1.56317	0.803142	1.32291
0	0	0	0	0	0
0.330373	0.283849	0.454295	0.359637	0.332943	0.441835
13.807	10.9328	8.68636	9.68339	9.15459	9.6102
7.25914	4.32521	9.81504	5.16729	7.25687	6.34141
10.3412	8.9394	9.36955	9.82289	10.277	8.433
0	0	0	0	0	0
0	0	0.245155	0.293267	0.234952	0.0818853
23.8769	21.3012	25.2568	25.0055	25.2889	26.7977
58.554	42.0394	47.0738	43.9312	63.9826	45.153
0	0	0	0	0	0
2.51681	2.1578	2.25623	2.28021	2.44816	2.13091
0	0	0	0	0	0
1.74514	1.24104	1.41161	1.42907	1.79162	1.2998
5.2527	3.76083	4.61415	4.96529	5.03161	4.79985

0	0	0	0	0	0
0.70046	0.699483	0.581498	0.508336	0.600166	0.522924
0	0	0	0	0	0
9.89594	10.0515	8.67625	10.8077	8.95618	8.5704
0	0	0	0	0	0
1.27765	1.39564	0.816269	0.683649	0.470448	0.681988
1.16001	1.03818	3.04951	1.47322	1.12408	1.17529
4.08835	3.84443	3.36361	3.08384	2.23591	3.70526
2.95441	2.01211	2.73948	2.22251	2.31823	2.30704
0	0	0	0	0	0
0	0	0	0	0	0
14.2456	14.9196	13.2448	14.4639	14.0827	15.064
0	0	0	0	0	0
0	0	0.258707	0	0	0
6.22775	4.45778	8.01967	4.60479	5.72465	4.81174
0.434756	0.615764	0.175303	0.471843	0.521795	0
0	0	0	0	0	0.0130529
0.521712	0.515835	0.462193	0.991696	1.15554	1.44982
0.0404927	0	0	0	0	0
0.139379	0	0	0	0	0
1.76E-08	6.91E-10	2.67E-09	8.35E-09	1.61E-09	1.81E-08
2.22933	2.10557	1.48353	1.29659	2.29202	1.08929
0	0	0	0	0	0
298.532	170.995	185.132	28.8867	568.924	340.775
27.9	41.6787	35.8938	34.2518	32.8924	30.8239
20.4096	16.0945	20.3162	18.7722	18.7629	21.2457
6.09115	2.97782	4.41484	3.78573	4.28557	4.27854
23.5374	16.8901	20.7268	22.14	20.9971	22.5953
20.2128	22.9271	16.083	16.4123	13.7222	15.0474
106.948	42.5684	197.176	90.4497	134.103	45.2353
0	0	0	0	0	0
15.9707	18.2793	16.9432	20.5765	10.5024	16.786
0	0	0	0	0	0
13.7799	13.5659	11.872	12.1879	10.3208	10.9073
21.2799	16.1949	18.7728	18.2045	21.0236	20.4067
9.92247	7.42029	7.1805	7.96145	8.73362	7.46331
0	0	0	0	0	0
0.0839805	0	0	0	0	0.102104
0	0	0	0	0	0
0.705254	1.15417	0.896446	1.24298	0.546724	0.653294
6.60737	4.75265	4.13214	6.92623	7.13779	6.61998
4.84346	6.03936	10.4809	6.91688	6.29406	9.57693
41.1103	44.2432	29.1063	29.4299	23.693	24.8795

0.344867	0	0	0	0	0.124234
2.0365	1.67031	1.53901	1.58894	1.67508	1.94514
0.135971	0.189044	0.294213	0.224387	0.277014	0.174885
53.5876	57.4339	56.5435	57.4401	55.8432	62.6128
0	0.0298941	0.135092	0.212105	0	0.101526
46.0354	50.4043	44.2121	51.1229	49.1983	43.8218
31.7199	24.835	28.4681	33.3731	36.0739	30.9306
0.42908	0.804676	1.28722	0.835467	0.466807	1.18228
0	0.15703	0	0	0	0
0	0	0	0	0	0
24.2153	20.2321	19.3883	22.88	18.2753	18.4731
0	0.0673538	0	0	0.0729262	0
0	0	0	0	0	0
14.8164	13.4054	13.4532	14.4347	13.7228	11.5493
0.123491	0.549956	0.447345	0.322222	0.779007	0.738298
0.0754646	0.0540312	0.0406149	0.054766	0.0585013	0.0569679
17.1472	17.6533	16.3177	20.008	17.463	15.6243
0.659027	1.64169	1.05973	0.477517	1.28094	1.33347
0	0	0	0	0	0
0	0	0	0	0	0
0	0.0209134	0	0	0	0
0.173794	0.124433	0.187439	0.227027	0.242511	0.601033
2.75507	2.29392	3.19622	2.97546	1.77481	2.23639
0.064991	0.20164	0.0525699	0.0786085	0.134352	0.105355
3.98511	3.7171	3.66708	2.97167	2.89093	3.70421
18.396	13.1939	15.4923	17.7851	18.1551	16.2703
0.0832219	0.00993088	0.0673165	0.0100659	0.0107525	0.0899388
0	0	0	0	0	0
107.437	132.601	132.323	122.526	122.162	114.153
1.09154	1.13068	0.788328	1.0562	0.564121	1.08134
0	0	0	0.0339073	0	0
3.64257	5.95751	4.30405	2.56573	2.21473	2.83664
37.6604	35.2092	46.1138	42.5632	40.8988	38.258
1.88028	0.841003	1.14136	1.19353	1.4572	1.52353
4.29938	3.5785	3.41972	4.18619	3.48571	3.93491
0.0903851	0.064714	0.0731107	0.0655941	0.140136	0.14652
39.1325	35.1575	34.8934	36.8581	27.2945	31.1527
3.51204	2.42932	1.70931	2.65675	1.73046	2.46064
0	0	0	0	0	0
0	0	0	0	0	0
14.8265	15.6711	12.744	11.1067	11.2827	11.2859
0	0	0	0	0	0
0.482631	0.345554	0.39039	0.350254	0.748286	0.391188

0	0	0	0	0	0
0	0.227424	0	0	0.164902	1.12E-09
33.5083	23.0442	36.2514	25.5469	19.1988	48.5148
0	0	0	0	0	0
0	0	0	0	0	0
9.83225	6.7186	10.0024	10.3409	9.38342	9.14737
10.3163	7.87727	6.32633	6.73485	5.40696	5.61782
16.7047	14.5161	28.0607	19.463	17.0889	7.45611
9.29221	7.68538	8.18119	7.01231	8.56573	7.24304
3.84291	3.56669	2.41768	3.27089	2.16995	3.23017
26.7908	29.5843	33.4514	30.7194	34.2626	39.1072
0.0868717	0.103664	0.0234229	0.147103	0	0.0704124
21.2737	25.2679	20.4983	20.7445	23.31	20.8075
0	0	0	0	0	0
5.26562	5.33055	6.34657	6.84554	5.96079	5.89318
9.72478	7.40581	10.2331	8.5074	6.59986	7.35196
0.38618	0.331797	0.562272	0.392361	0.299373	0.25041
10.0061	13.0542	9.43218	11.7968	9.14854	17.6124
29.2489	34.508	31.4438	32.4672	27.2207	29.2531
18.625	15.8527	17.7238	16.2075	18.3153	16.9237
3.22778	1.91079	2.01286	3.04912	3.29902	3.85856
0	0	0	0	0	0
0	0	0	0	0	0
5.97629	4.68395	5.3269	5.11609	5.93732	6.23134
0.132135	0.245976	0.192386	0.0383571	0.327786	0.14994
9.74666	10.4737	11.6922	12.5598	11.9322	10.9954
0	0	0	0	0	0
0	0.0101425	0	0	0.0109816	0
0.528484	1.51404	0.42748	1.07965	0.234108	0.430904
0.0797568	0.0746164	0.0412887	0.0926095	0.0989259	0.0827463
4.60073	3.44263	4.36082	4.11659	3.43249	3.75708
2.06517	1.7539	2.07872	1.86236	2.37168	2.06437
0	0.251253	0.113541	0.203736	0.108816	0.227547
6.14717	6.07613	5.07191	6.44596	6.09478	5.21771
187.788	148.947	116.411	182.041	129.398	159.626
6.99282	7.87575	7.30877	6.4433	6.60868	6.36844
1.94402	1.14206	0.766081	1.59169	1.08198	1.09087
1.31E-08	2.35E-09	0.257201	5.23E-09	7.72E-09	0.136648
233.992	218.607	253.711	239.876	250.002	265.224
0.573428	0.548939	0.805268	0.679707	0.98019	0.654569
2.98787	2.87044	4.19933	2.68703	3.97899	2.95975
0.293463	0	0	0	0	0
2.50553	5.05127	3.73334	3.75624	2.17233	6.039

3.40705	2.66163	3.10715	3.2524	2.88662	3.91202
20.209	27.6432	24.3415	23.44	22.8837	26.9663
25.5039	28.1642	26.8198	31.6378	30.9908	29.1975
13.896	13.5928	17.1849	12.7925	14.8641	5.50886
0.793718	1.54987	1.28404	2.12078	0.97889	1.87152
4.39188	4.23824	4.01587	4.71161	3.25663	6.96476
4.28637	4.20429	4.70972	4.69301	4.4945	4.05663
5.09939	6.50543	6.65983	6.76606	6.15591	4.73492
0.342667	0.151444	0	0.0245568	0	0
6.0827	5.13678	5.3407	6.07441	7.33507	4.6774
0.855924	0.646891	1.26122	0.830041	0.322944	1.14168
0.105465	0.0849495	0.0604267	0.0574032	0.0510986	0.1211
0.84165	0.931299	0.866464	1.11055	0.771089	1.13698
42.5695	31.3576	38.2442	40.3487	36.8038	40.3134
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
7.51972	6.95869	6.18557	7.79333	7.12283	7.1274
0	0	0	0.0549024	0	0
6.41221	4.29279	5.60532	5.313	5.03934	5.19731
1.03853	1.16846	0.900048	1.13052	0.440879	0.501049
22.0094	16.6141	19.7274	20.0555	21.8739	19.3923
0.289979	0.0708865	0.0781861	0.284938	0	0.0783459
0	0	0	0	0	0.127675
17.0851	19.3021	17.0788	20.4809	14.7048	21.6244
0.114504	0.0546551	0	0.138496	0	0.0928093
9.84442	7.83703	8.60126	9.94839	6.70105	7.80855
0.0830823	0.0461269	0	0	0	0.0336705
2.74414	2.21736	2.18797	2.61736	1.91457	2.28777
16.3823	13.9729	14.436	14.9786	13.3071	13.8996
0.0735587	0.158	0.1785	0.106766	0.171071	0.0298109
0	0	0	0	0	0
17.491	21.2515	22.7227	16.7708	14.6002	16.6687
7.36276	5.5842	5.3977	4.73739	4.10152	5.06592
3.05843	2.29927	2.74191	2.0161	3.00319	3.16067
53.6231	48.8293	55.4045	59.1254	59.9887	45.5285
35.3545	31.1506	34.0214	36.3593	46.4072	36.2015
0.132057	0.126067	0.284849	0.0319454	0	0.249753
2.63587	3.23265	4.19224	3.87841	3.80915	3.36753
5.70793	4.00547	5.21828	4.06005	4.51674	5.09285
0.120773	0.115965	0.175474	0.157514	0.670262	0.24358
0.266516	0.19082	0.258695	0.116049	0.165286	0.0864081
0	0	0	0	0	0

135.278	98.4668	103.154	120.585	121.066	106.479
46.6539	52.697	51.5848	51.0334	53.9563	45.9477
0.201029	0.431799	0.292695	0.583562	0.311682	0.553999
0	0	0	0	0	0
3.55947	3.56094	2.87919	3.46782	3.85554	3.59646
0	0	0	0	0	0
16.9921	14.0754	16.9802	17.3931	17.3867	18.068
0	0	0	0	0	0
15.3294	11.0282	16.6319	17.4475	15.7022	16.4176
0.187979	0.13459	0.0506842	0.318313	0.218587	0.177758
0.0716146	0	0	0	0	0
5.37107	4.20498	5.14307	4.39573	4.52692	4.80097
3.92996	3.54109	4.45464	3.43405	4.80806	4.8971
1.5687	0.751722	0.619459	0.555772	0.450046	0.540632
0	0	0	0	0	0
3.1258	2.84056	3.52247	3.27665	2.84774	3.0641
5.18593	5.16595	3.79355	5.98891	4.57955	4.93439
0	0.0246632	0	0	0	0
4.35673	5.36618	4.7364	6.42493	4.21168	6.8721
24.5255	22.3396	24.6226	26.1315	36.1997	16.6218
49.3722	60.4768	68.9848	68.9935	74.7622	62.9309
30.296	22.9865	25.2198	29.9182	26.1557	26.4963
1.86338	1.62552	1.9995	2.19631	1.36934	1.22759
0.261603	0.561909	0.211605	0.34173	0.405598	0.254446
0	0.0236781	0.0267503	0.0240001	0	0
0	0	0	0.0637969	0	0.071253
0.0702056	2.17E-41	4.96E-25	0.14282	2.09E-103	0.0499424
12.9241	12.7376	12.4798	11.7876	10.2142	11.4577
0	0	0	0	0	0
0	0	0	0	0	0
2.0052	1.79121	22.3052	10.833	22.045	7.57031
27.5731	23.3711	27.3293	27.9498	27.9126	29.7021
5.37435	5.99468	5.99466	6.48676	5.92051	5.50244
0	0	0.215911	0	0	0
17.7957	20.5571	20.5839	18.8243	16.5165	18.663
5.39507	3.70425	4.24904	4.49486	3.50975	4.31041
34.5963	26.2053	29.6396	29.6617	28.6818	28.3155
10.9944	6.51719	7.3798	6.6821	9.6964	5.65694
0.767039	0.575291	0.512769	0.598854	0.754834	0.605371
7.57291	6.55496	7.6106	5.63874	6.20457	6.75493
13.4555	16.0015	13.5676	14.4802	15.4678	13.7447
16.241	20.1292	19.0314	17.2558	15.3613	17.9109
7.61107	8.24887	7.89473	7.90617	10.5047	7.76572



3.90662	4.36684	2.83754	3.38477	2.78125	3.69957
4.69703	3.60002	4.60272	5.61613	4.84426	3.8071
36.6871	33.3457	38.8659	36.1653	34.0064	33.2062
8.71713	10.2296	8.32375	8.39376	10.3178	8.96115
0.585817	0.596038	0.598555	0.537017	0.549742	0.64976
0	0	0	0	0	0
16.1231	15.7315	16.7678	17.6303	12.4052	15.4858
1.68818	1.42544	1.16777	1.1829	1.71486	1.90623
2.70758	2.48243	2.5766	2.67623	2.15595	3.05852
31.7152	22.4301	25.2859	27.2333	33.1775	29.4741
0	0	0	0	0	0
0	0	0	0	0	0
4.42444	3.26562	4.25809	3.75455	3.3242	3.93632
5.1849	4.12762	4.53667	4.88308	3.94151	5.40878
13.9771	15.5748	15.0479	14.2865	10.6064	14.2808
0.139373	0.133051	0	0.0337152	0.0360147	0.0376555
25.324	22.6619	25.7153	24.9415	30.4135	29.6384
0	0	0	0	0	0
29.285	36.9412	35.8095	38.6828	37.9417	28.3928
16.0043	16.3601	14.7901	14.8729	14.5478	15.6813
2.65624	2.63246	3.08327	1.91679	2.52451	2.84631
0.0165629	0	0.05359	0.0596121	0.0128398	0.0134248
4.04631	3.22519	3.55298	3.79245	3.74509	3.446
0	0	0	0	0	0
0.351943	0.503968	0.747283	0.446969	0.17052	0.320919
4.55355	3.37365	3.58719	3.80747	4.52759	4.20431
0.815771	0.582742	0.847637	0.776431	0.509577	0.68846
17.5053	12.5981	14.7497	14.1188	16.6329	12.8884
0	0	0	0	0	0
1.45295	1.8205	1.17526	1.55236	1.56438	1.66836
13.0352	10.1387	12.7762	12.4738	10.884	12.8349
32.7539	30.2763	27.0421	31.3438	26.3953	29.9903
4.41342	3.97016	4.94297	4.02415	3.04851	3.96705
0.0615165	0.18828	0.413706	0.0685648	0.0146482	0.138126
2.44377	1.9168	3.03421	2.53288	2.55202	2.84284
0	0	0	0	0	0
24.1283	22.0133	24.8696	23.6982	19.669	24.1012
0.148999	0.189656	0.138842	0.158182	0	0.120769
28.2031	25.1819	25.1903	26.2448	35.398	24.5476
17.2937	15.6247	17.6318	17.3021	14.7858	17.127
0.0273679	0	0	0	0.042432	0
209.428	215.591	264.279	317.138	272.033	457.806
7.68246	15.8139	8.93289	25.9948	48.2401	10.0409

0.345256	0.494393	0.511996	0.208799	0.0446079	0.139921
0	0	0	0	0	0
1.68924	1.7638	2.04959	1.88995	2.07342	1.14099
0.429729	0.260342	0.240645	0.191915	0.205004	0.26793
26.928	24.8181	27.4908	28.4185	29.7572	25.4833
0	0	0	0	0	0
4.22875	4.40928	4.78213	4.43945	2.76896	5.32434
0	0	0	0	0	0
50.9858	60.667	54.7422	55.2147	54.5417	53.0767
0.932548	0.625305	2.07249	1.52114	3.24978	2.12392
9.51046	7.50291	9.83264	9.84249	9.46675	10.351
0	0	0	0.0279595	0	0.0312271
0	0	0	0	0	0
12.713	9.80784	10.921	12.7782	11.7398	9.18599
36.5297	40.1479	38.4448	38.3884	38.7555	34.961
0.065549	0.0625758	0	0.0317134	0	0.0354198
10.0473	12.4476	12.0439	15.1712	13.4113	16.0971
161.933	252.827	189.567	116.611	124.952	272.3
0	0	0	0	0	0
15.3638	20.103	25.2243	21.9682	23.8067	13.9406
0.70592	0.653499	0.253778	0.227687	0.189829	0.254297
6.91518	6.44839	4.89665	6.3522	6.09555	6.56119
0.411477	0.441803	0.180493	0.177777	0.325623	0.486324
7.63264	4.62408	6.86251	7.33582	6.96378	7.24139
22.1925	21.2409	13.0994	18.2484	16.8463	14.1733
9.45997	9.92778	7.44233	10.9092	17.279	13.2345
0.286458	0.717846	0.289638	0.155916	0.277584	0.406322
6.30501	5.11406	5.18915	5.98355	5.21245	5.8609
33.4435	39.1309	59.6645	42.2291	60.3006	42.2639
25.2531	12.5574	19.8934	15.982	16.842	23.1406
8.11157	8.08034	6.6469	8.267	6.56165	6.00299
0.487475	0.193902	0.21906	0.550308	0.293921	0.307312
49.9376	45.2699	45.899	47.7511	63.7674	47.3612
9.95948	6.65541	8.46675	8.75836	8.65935	8.8006
0	0	0	0	0	0
7.17217	4.36776	4.35745	9.35039	5.54389	7.98605
12.3691	11.3732	12.4385	10.1513	11.7381	13.7814
0.0378353	0.0270894	0.0306042	0	0.0879916	0.0613336
3.10667	3.4267	1.64447	2.12769	2.24518	2.38229
16.8775	13.8752	18.7167	18.8383	18.7604	18.7881
0.264989	0.0632423	0.071448	0.0641024	0.136949	0.286376
3.23964	3.04437	2.4567	2.64495	3.13927	3.93876
0	0	0	0	0	0

6.30274	5.89007	8.22899	7.29151	6.15277	7.62176
0.119317	0.0569527	0.0965135	0.0865908	0.0616645	0.161185
12.0794	11.916	5.85816	11.3665	15.7566	17.088
3.01429	3.38114	2.21008	4.05161	2.27118	3.65379
0	0	0	0	0	0
0.548434	0.432273	0.459306	0.370874	0.361591	0.312368
42.8997	52.5585	56.264	49.5734	46.4593	45.8029
3.90663	3.56115	3.96155	3.34681	3.27962	3.90787
26.5557	23.2778	24.9768	26.0165	17.0141	26.1643