

MolLogP	MolWt	NumRotatableBc	AromaticProporti	logS
2.5954	167.85	0	0	-2.18
2.3765	133.405	0	0	-2
2.5938	167.85	1	0	-1.74
2.0289	133.405	1	0	-1.48
2.9189	187.375	1	0	-3.04
1.81	98.96	0	0	-1.29
1.9352	96.944	0	0	-1.64
1.4054	118.176	4	0	-0.43
4.3002	215.894	0	0.6	-4.57
2.5654	132.206	0	0.6	-4.37
4.3002	215.894	0	0.6	-4.63
3.6468	181.449	0	0.666666667	-4
2.61186	120.195	0	0.666666667	-3.2
4.7366	393.698	0	0.6	-6.98
4.3002	215.894	0	0.6	-5.56
2.92028	134.222	0	0.6	-4.59
3.9741	314.802	0	0.666666667	-4.5
3.6468	181.449	0	0.666666667	-3.59
2.61186	120.195	0	0.666666667	-3.31
1.0978	110.112	0	0.75	0.62
3.2116	235.906	0	0.75	-3.5
1.7762	187.862	1	0	-1.68
2.9934	147.004	0	0.75	-3.05
1.464	98.96	1	0	-1.06
1.8525	112.987	1	0	-1.6
2.6496	170.92	1	0	-2.74
1.0594	118.176	5	0	-0.77
2.8114	134.222	2	0.6	-3.28
1.503	168.108	2	0.5	-3.1
0.4051	58.08	0	0	-0.59
3.9741	314.802	0	0.666666667	-5.6

3.6468	181.449	0	0.666666667	-4.48
2.61186	120.195	0	0.666666667	-3.4
1.4112	213.105	3	0.4	-2.89
1.0978	110.112	0	0.75	0.81
1.3584	54.092	1	0	-1.87
3.2116	235.906	0	0.75	-3.54
2.9934	147.004	0	0.75	-3.04
1.8541	112.987	2	0	-1.62
0.4903	132.232	2	0	-1.46
1.9648	114.094	0	0.75	-2
3.45664	156.228	0	0.833333333	-4.29
1.503	168.108	2	0.5	-2.29
1.0978	110.112	0	0.75	-0.17
1.8926	80.13	0	0	-2.06
3.2116	235.906	0	0.75	-4.07
2.9934	147.004	0	0.75	-3.27
2.8114	134.222	2	0.6	-3.75
1.9648	114.094	0	0.75	-1.97
3.45664	156.228	0	0.833333333	-4.14
1.503	168.108	2	0.5	-3.39
1.7485	68.119	2	0	-2.09
3.45664	156.228	0	0.833333333	-4.679
2.1386	82.146	3	0	-2.68
2.783	180.21	0	1	-2.68
2.7441	154.253	0	0	-1.74
4.2693	302.458	0	0	-3.999
2.9702	194.237	0	0.933333333	-4.22
2.0373	137.02	1	0	-2.43
2.1814	137.02	2	0	-2.37
3.3517	179.101	5	0	-4.43
2.9616	165.074	4	0	-3.81

3.6023	207.07	0	0.9090909091	-4.35
3.7418	193.128	6	0	-5.06
2.5715	151.047	3	0	-3.08
1.7913	122.993	1	0	-1.73
0.7788	74.123	2	0	0
1.5824	56.108	1	0	-1.94
1.0296	54.092	0	0	-1.24
1.6201	143.411	1	0	-1.32
1.8812	92.569	1	0	-2
2.0253	92.569	2	0	-2.03
3.1956	134.65	5	0	-4
2.8055	120.623	4	0	-3.12
3.4932	162.619	0	0.9090909091	-3.93
2.4154	106.596	3	0	-2.73
1.6352	78.542	1	0	-1.47
3.1194	158.285	8	0	-3.63
3.923	140.27	7	0	-5.51
3.8996	186.339	10	0	-4.8
3.4022	156.228	1	0.8333333333	-4.17
1.9491	116.204	5	0	-1.81
2.7527	98.189	4	0	-3.73
2.1999	96.173	3	0	-3.01
5.46	242.447	14	0	-7
1.559	102.177	4	0	-1.24
2.3626	84.162	3	0	-3.23
1.3334	100.161	3	0	-0.59
1.8098	82.146	2	0	-2.36
2.2215	184.02	2	0	-2.96
3.3918	226.101	5	0	-4.81
3.4444	254.07	0	0.9090909091	-4.55
1.8314	169.993	1	0	-2.29

2.5067	96.173	0	0	-3.27
3.56622	180.25	0	0.8571428571	-5.22
3.14822	142.201	0	0.9090909091	-3.7
4.30142	192.261	0	0.9333333333	-5.85
-0.9264	126.115	0	0.6666666667	-0.807
2.5454	144.173	0	0.9090909091	-2.22
2.422	143.189	0	0.9090909091	-1.92
2.748	173.171	1	0.7692307692	-3.54
0.6731	89.094	2	0	-0.8
2.7293	144.258	7	0	-3.01
3.5329	126.243	6	0	-5.05
2.9801	124.227	5	0	-4.24
6.2402	270.501	16	0	-8.4
2.3392	130.231	6	0	-2.39
3.1428	112.216	5	0	-4.44
2.59	110.2	4	0	-3.66
5.0699	228.42	13	0	-6.35
1.1689	88.15	3	0	-0.6
1.9725	70.135	2	0	-2.68
1.4197	68.119	1	0	-1.64
1.7399	122.167	1	0.6666666667	-0.92
0.3887	60.096	1	0	0.62
4.6798	214.393	12	0	-5.84
9.8876	498.662	1	0.5454545455	-11.6
8.5808	429.772	1	0.6	-9.16
7.274	360.882	1	0.6666666667	-8.01
8.5808	429.772	1	0.6	-9.15
7.274	360.882	1	0.6666666667	-8.6
5.9672	291.992	1	0.75	-7.28
7.9274	395.327	1	0.6315789474	-7.92
7.9274	395.327	1	0.6315789474	-8.94

7.274	360.882	1	0.666666667	-7.68
6.6206	326.437	1	0.7058823529	-7.21
6.6206	326.437	1	0.7058823529	-7.43
7.274	360.882	1	0.666666667	-7.42
5.9672	291.992	1	0.75	-6.47
2.6885	100.205	0	0	-4.36
7.274	360.882	1	0.666666667	-8.56
7.274	360.882	1	0.666666667	-8.71
5.9672	291.992	1	0.75	-6.57
6.6206	326.437	1	0.7058823529	-7.32
3.0786	114.232	1	0	-4.74
3.4687	128.259	2	0	-5.05
5.9672	291.992	1	0.75	-7.39
1.4149	102.177	2	0	-1.04
2.4425	86.178	0	0	-3.55
2.8326	100.205	1	0	-4.36
1.805	116.204	3	0	-1.52
1.0248	88.15	0	0	-0.4
4.6604	223.102	1	0.8571428571	-5.27
7.274	360.882	1	0.666666667	-7.82
7.9274	395.327	1	0.6315789474	-7.66
7.274	360.882	1	0.666666667	-7.39
6.6206	326.437	1	0.7058823529	-7.8
6.6206	326.437	1	0.7058823529	-7.92
5.9672	291.992	1	0.75	-7.25
4.0058	231.893	0	0.5454545455	-3.15
4.0058	231.893	0	0.5454545455	-3.1
5.3138	257.547	1	0.8	-6.29
5.3138	257.547	1	0.8	-6.26
3.3524	197.448	0	0.6	-2.67
2.9345	114.232	2	0	-4.8

4.0058	231.893	0	0.5454545455	-3.37
5.3138	257.547	1	0.8	-6.01
3.3524	197.448	0	0.6	-2.67
3.3524	197.448	0	0.6	-2.64
2.9016	192.001	1	0.5454545455	-3.48
2.699	163.003	0	0.6666666667	-1.3
2.1386	82.146	1	0	-2.4
2.2984	86.178	1	0	-3.65
3.45664	156.228	0	0.8333333333	-4.72
2.6885	100.205	2	0	-4.28
1.69844	107.156	0	0.75	0.38
5.3138	257.547	1	0.8	-6.27
5.3138	257.547	1	0.8	-6.25
3.3524	197.448	0	0.6	-2.21
5.3138	257.547	1	0.8	-6.14
3.3524	197.448	0	0.6	-2.34
2.31746	136.194	0	0.6	-2.05
1.71962	227.132	3	0.375	-3.22
2.699	163.003	0	0.6666666667	-1.55
1.8034	116.204	2	0	-0.92
1.6593	116.204	2	0	-1.22
1.8675	114.188	2	0	-1.3
2.6885	100.205	2	0	-4.26
2.00904	122.167	0	0.6666666667	-1.19
1.69844	107.156	0	0.75	0.38
1.81142	182.135	2	0.4615384615	-2.82
4.6604	223.102	1	0.8571428571	-5.28
4.6604	223.102	1	0.8571428571	-5.25
2.699	163.003	0	0.6666666667	-1.79
3.45664	156.228	0	0.8333333333	-4.89
2.00904	122.167	0	0.6666666667	-1.29

1.69844	107.156	0	0.75	0.45
1.81142	182.135	2	0.4615384615	-3
4.6604	223.102	1	0.8571428571	-5.21
2.85164	157.216	0	0.8333333333	-1.94
3.5752	193.249	0	0.9333333333	-5.17
3.6023	207.07	0	0.9090909091	-4.4
3.6023	207.07	0	0.9090909091	-4.4
1.7897	122.993	0	0	-1.59
2.75752	171.037	0	0.75	-2.23
0.9854	72.107	1	0	0.52
0.7614	70.091	1	0	0.32
0.7954	118.176	5	0	-0.42
2.4138	106.596	1	0	-2.51
2.3486	142.585	1	0.6666666667	-2.46
4.007	188.657	1	0.9230769231	-4.54
2.0237	92.569	1	0	-1.96
3.4932	162.619	0	0.9090909091	-4.14
2.0456	128.558	0	0.75	-1.06
1.6336	78.542	0	0	-1.41
2.64842	126.586	0	0.75	-3.52
-1.25912	84.082	0	0	-0.31
3.326	156.269	7	0	-3.3
1.644	107.156	1	0.75	0.51
1.4149	102.177	3	0	-1.17
2.1951	130.231	5	0	-2.11
2.3218	126.199	4	0	-2.46
1.6215	100.161	3	0	-1.52
2.4017	128.215	5	0	-2.13
3.4022	156.228	1	0.8333333333	-4.29
2.55742	120.195	1	0.6666666667	-3.21
1.9475	116.204	4	0	-1.55

2.1557	114.188	4	0	-1.45
1.5574	102.177	3	0	-0.89
1.7656	100.161	3	0	-0.8
0.1254	148.125	0	0.9090909091	-1.947
0.7872	95.101	0	0.8571428571	1.02
1.8298	169.993	0	0	-2.09
3.11842	134.222	1	0.6	-3.76
0.4284	162.152	1	0.8333333333	-1.11
1.9725	70.135	0	0	-2.56
1.7485	68.119	1	0	-2.03
1.9725	70.135	1	0	-2.73
2.3626	84.162	2	0	-3.03
2.3376	130.231	4	0	-1.72
1.9475	116.204	3	0	-1.08
1.5574	102.177	2	0	-0.49
1.4133	102.177	2	0	-0.7
4.30142	192.261	0	0.9333333333	-6.96
1.1673	88.15	1	0	0.15
2.0524	72.151	1	0	-3.18
1.0248	88.15	2	0	-0.47
3.2227	114.232	4	0	-5.08
3.14822	142.201	0	0.9090909091	-3.77
2.4425	86.178	2	0	-3.74
1.4149	102.177	3	0	-1.11
4.30142	192.261	0	0.9333333333	-5.84
1.70062	108.14	0	0.75	-0.62
0.6347	74.123	1	0	0.1
1.6623	58.124	0	0	-2.55
1.5824	56.108	0	0	-2.33
0.72822	146.153	0	0.9090909091	-0.12
1.1853	86.134	0	0	0.11

2.5454	144.173	0	0.9090909091	-2.28
0.6715	89.094	1	0	-0.62
2.7277	144.258	6	0	-2.74
2.9359	142.242	6	0	-2.58
2.3376	130.231	5	0	-2.09
2.5458	128.215	5	0	-2.05
1.1673	88.15	2	0	-0.29
1.3755	86.134	2	0	-0.19
1.0577	138.166	3	0.6	-0.7
0.3871	60.096	0	0	0.43
-0.1036	85.106	0	0	1.07
3.5079	172.312	8	0	-2.94
1.4149	102.177	1	0	-0.5
1.4133	102.177	0	0	-0.62
1.6215	100.161	0	0	-0.72
2.8326	100.205	2	0	-4.23
2.9016	192.001	1	0.5454545455	-3.2
2.699	163.003	0	0.6666666667	-1.25
2.00904	122.167	0	0.6666666667	-1.38
1.69844	107.156	0	0.75	0.36
4.6604	223.102	1	0.8571428571	-6.39
2.699	163.003	0	0.6666666667	-1.34
2.00904	122.167	0	0.6666666667	-1.4
1.69844	107.156	0	0.75	0.38
2.7828	352.39	6	0.4615384615	-5.071
2.3486	142.585	1	0.6666666667	-2.78
4.007	188.657	1	0.9230769231	-4.88
2.0456	128.558	0	0.75	-0.7
1.13888	89.525	1	0	-0.29
2.0026	324.336	4	0.5	-4.47
1.9475	116.204	3	0	-0.85

1.9475	116.204	4	0	-1.47
3.9531	394.471	9	0.4137931034	-6.301
1.5574	102.177	3	0	-0.8
1.7656	100.161	3	0	-0.83
3.563	380.444	8	0.4285714286	-5.886
1.8098	82.146	0	0	-1.99
1.8284	70.135	1	0	-2.73
1.0232	88.15	1	0	-0.18
1.2314	86.134	1	0	-0.12
1.4149	102.177	3	0	-0.72
1.4149	102.177	3	0	-0.71
1.6215	100.161	2	0	-0.67
2.3376	130.231	4	0	-1.6
1.9475	116.204	3	0	-0.98
1.5574	102.177	2	0	-0.36
1.0248	88.15	2	0	-0.51
5.55322	268.359	0	0.8571428571	-7.92
3.2227	114.232	4	0	-5.16
2.47632	131.178	0	0.9	-2.42
2.4425	86.178	2	0	-3.68
1.70062	108.14	0	0.75	-0.68
2.3376	130.231	5	0	-1.98
4.3432	408.498	10	0.4	-6.523
1.1673	88.15	2	0	-0.24
1.3755	86.134	2	0	-0.28
3.1729	366.417	7	0.4444444444	-4.678
2.3927	338.363	5	0.48	-4.907
4.6604	223.102	1	0.8571428571	-6.56
2.1547	173.009	0	0.75	-1.09
2.75752	171.037	0	0.75	-3.19
2.3486	142.585	1	0.6666666667	-2.78

2.0456	128.558	0	0.75	-0.7
2.64842	126.586	0	0.75	-3.08
2.55742	120.195	1	0.6666666667	-3.11
1.9475	116.204	4	0	-1.4
2.1557	114.188	4	0	-1.3
3.2206	194.274	5	0.4285714286	-2.59
0.7872	95.101	0	0.8571428571	1.02
3.11842	134.222	1	0.6	-3.77
0.4284	162.152	1	0.8333333333	-1.11
1.4133	102.177	2	0	-0.8
1.6215	100.161	2	0	-0.74
3.66202	168.239	1	0.9230769231	-4.62
1.4149	102.177	3	0	-1.14
0.72822	146.153	0	0.9090909091	-0.466
1.5532	180.163	2	0.4615384615	-2.692
0.9449	86.134	3	0	-0.15
1.1051	224.26	3	0	-2.253
1.3511	238.287	3	0	-2.593
0.491	208.217	4	0	-2.077
0.6508	212.249	2	0	-2.766
-0.6214	156.141	0	0	-1.742
2.271	148.205	0	0.5454545455	-1.99
5.76304	256.348	0	0.9	-7.01
0.3249	196.206	3	0	-1.614
0.5709	210.233	3	0	-1.708
-0.0652	182.179	2	0	-1.16
0.8665	244.25	3	0.3333333333	-2.369
1.185	226.276	4	0	-2.658
0.4048	198.222	2	0	-2.148
0.7004	232.239	2	0.3529411765	-2.322
-0.7977	130.078	0	0.6666666667	-1.077

1.9404	145.161	0	0.9090909091	-2.54
-0.2313	170.168	1	0	-1.228
5.45462	242.321	0	0.9473684211	-6.59
-0.33948	125.131	0	0.6666666667	-1.458
2.9359	142.242	6	0	-2.58
4.7284	243.309	0	0.9473684211	-6.2
1.9404	145.161	0	0.9090909091	-2.16
0.4284	162.152	1	0.8333333333	-1.139
5.45462	242.321	0	0.9473684211	-6.57
5.76304	256.348	0	0.9	-7.02
0.4284	162.152	1	0.8333333333	-0.91
0.72822	146.153	0	0.9090909091	-0.854
1.9404	145.161	0	0.9090909091	-2.42
4.60984	206.288	0	0.875	-6.57
3.6986	194.233	0	0.9333333333	-4.73
4.30142	192.261	0	0.9333333333	-5.89
5.63	466.479	10	0.4444444444	-6.237
2.9384	154.212	0	0.8333333333	-4.63
3.3236	152.196	0	0.8333333333	-3.96
1.24	183.169	3	0	0.54
-0.5084	59.068	0	0	1.58
1.645	135.166	1	0.6	-1.33
-0.8561	222.251	2	0.3846153846	-2.36
0.52988	41.053	0	0	0.26
1.8892	120.151	1	0.6666666667	-1.28
1.94934	293.348	3	0.55	-3.59
3.388	179.222	0	1	-3.67
0.3713	56.064	1	0	0.57
0.69598	53.064	0	0	0.15
-0.0649	135.13	0	0.9	-2.12
3.2664	300.398	0	0	-3.48

2.9871	269.772	6	0.3333333333	-3.26
1.8457	360.45	3	0	-3.85
5.2702	364.914	0	0	-6.307
-2.1798	158.117	1	0	-1.6
1.7553	162.279	5	0	-0.83
-0.3538	136.114	0	0.9	-2.266
-2.0785	142.07	0	0	-1.25
-4.8194	286.156	1	0	-1.99
0.0696	210.285	3	0.4	-3.364
1.8456	227.337	5	0.4	-3.04
-3.10802	457.432	7	0.1875	-0.77
1.77922	208.261	2	0.4	-2.36
1.55042	231.299	2	0.6470588235	-0.364
0.7253	100.146	0	0.8333333333	-0.36
4.87188	293.414	4	0.5454545455	-5.47
-0.6131	84.082	0	0.8333333333	0.522
1.185	226.276	4	0	-2.468
1.06662	203.245	1	0.7333333333	-0.624
2.1311	256.305	4	0.6315789474	-2.596
4.0874	286.415	0	0	-3.69
3.9591	290.447	0	0	-4.402
2.7283	148.205	2	0.5454545455	-3.13
1.2688	93.129	0	0.8571428571	-0.41
4.3319	367.86	7	0.2857142857	-4.432
1.6952	108.14	1	0.75	-1.85
3.993	178.234	0	1	-6.35
2.462	208.216	0	0.75	-5.19
1.48442	188.23	1	0.7857142857	0.715
2.06422	300.362	2	0.2727272727	-3.538
5.5051	366.844	2	0.4615384615	-5.931
1.1323	211.269	5	0.4	-2.084

1.7771	215.688	4	0.4285714286	-3.85
2.0905	259.762	5	0.375	-1.716
4.102	182.226	2	0.8571428571	-4.45
1.0537	223.165	5	0	0.651
3.1307	258.104	2	0.375	-4.37
0.1588	184.195	2	0	-2.4
1.6254	421.422	3	0.4444444444	-3.59
4.1482	335.282	7	0.2608695652	-5.53
4.0575	410.536	8	0.2142857143	-4.71
3.5435	323.133	2	0.75	-4.21
2.5724	290.323	4	0.4285714286	-4.883
3.7726	397.524	10	0.2608695652	-4.2
1.4991	106.124	1	0.75	-1.19
0.7855	121.139	1	0.6666666667	-0.96
1.6866	78.114	0	1	-1.64
2.7683	184.238	2	0.8571428571	-2.55
1.1077	260.253	5	0.5789473684	-2.81
4.411	216.283	0	0.9411764706	-6.68
5.7372	252.316	0	1	-8.699
5.6404	252.316	0	1	-8.23
4.411	216.283	0	0.9411764706	-8.04
5.7372	252.316	0	1	-7.8
5.6404	252.316	0	1	-8
5.6404	252.316	0	1	-8.49
6.3282	276.338	0	1	-9.018
1.4455	165.192	2	0.5	-2.616
2.6029	212.248	3	0.75	-2.85
1.55828	103.124	0	0.75	-1
2.9176	182.222	2	0.8571428571	-3.12
2.2963	135.191	0	1	-1.5
0.9579	119.127	0	1	-0.78

1.8278	119.123	0	1	-1.16
2.4254	126.586	1	0.75	-2.39
2.7054	146.111	0	0.6	-2.51
0.8549	150.181	2	0.5454545455	-0.95
3.6368	476.585	6	0	-4.71
3.4718	182.266	3	0.8571428571	-4.62
3.3536	154.212	1	1	-4.345
4.45	256.308	1	1	-5.4
2.1935	154.253	0	0	-2.32
1.57852	261.119	2	0.4285714286	-2.523
7.1837	527.414	6	0.8	-4.445
2.4491	157.01	0	0.8571428571	-2.55
1.5776	129.384	0	0	-0.89
2.1425	163.829	0	0	-1.54
1.4012	108.966	0	0	-1.09
1.0111	94.939	0	0	-0.79
4.652	366	4	0.375	-6.09
4.3991	428.12	4	0.5454545455	-4.93
2.78888	276.915	0	0.5454545455	-3.33
1.5772	266.098	1	0.8	-3.127
1.74462	316.427	8	0.2857142857	-4.16
0.7949	212.249	3	0	-2.39
3.9998	263.381	1	0.3157894737	-4.24
4.1574	311.853	9	0.2857142857	-4.19
1.6836	303.156	4	0	-2.647
2.2257	193.246	4	0.4285714286	-3.082
0.7772	74.123	1	0	0.47
1.8064	58.124	1	0	-2.57
1.7163	90.191	2	0	-2.18
0.939	212.249	4	0	-1.661
1.0258	256.331	1	0.2941176471	-1.877

2.8254	236.702	2	0.375	-3.9
0.9595	102.133	4	0	-1.37
3.4735	217.378	5	0	-3.68
3.0292	134.222	3	0.6	-4.06
0.9854	72.107	2	0	-0.01
-1.0293	194.194	0	0.6428571429	-0.876
2.4017	152.237	0	0	-1.96
1.7656	100.161	4	0	-1.3
3.5209	349.066	3	0	-5.4
3.3306	212.252	2	0.75	-3.15
2.558	201.225	1	0.6666666667	-3.224
3.3211	167.211	0	1	-5.27
1.7597	236.271	4	0.3529411765	-1.83
2.1183	221.256	1	0.375	-2.8
5.4203	342.875	8	0.3333333333	-5.736
2.62	235.308	2	0.375	-3.14
1.135	237.097	3	0	-2.68
2.82402	150.221	1	0.5454545455	-2.08
2.4879	150.221	1	0	-2.06
-0.4629	309.529	2	0	-1.84
0.909	323.132	6	0.3	-2.111
2.2174	257.769	6	0.3529411765	-4.411
3.1276	293.548	2	0.4	-3.924
2.9102	223.659	2	0.4	-2.617
5.6828	409.782	0	0	-6.86
5.0242	338.876	0	0	-5.64
2.86982	196.681	2	0.4615384615	-2.86
1.1716	414.827	8	0.4444444444	-4.576
-0.2895	93.513	1	0	-0.02
0.74878	75.498	0	0	-0.092
2.34	112.559	0	0.8571428571	-2.38

2.2986	208.28	0	0	-1.9
1.2451	64.515	0	0	-1.06
1.3687	62.499	0	0	-1.75
3.2969	213.664	2	0.4285714286	-3.38
1.5908	164.375	0	0	-2
4.1809	339.218	4	0.5454545455	-4.53
4.04356	265.914	0	0.4285714286	-5.64
-0.0609	295.729	1	0.3529411765	-3.05
2.74192	212.68	1	0.4285714286	-3.46
4.2258	290.75	3	0.6	-4.89
4.7181	350.591	6	0.3333333333	-5.67
4.2434	267.93	0	0.7142857143	-5.43
0.9242	338.772	2	0.5454545455	-3.451
2.74192	212.68	1	0.4285714286	-3.483
1.7745	169.567	0	0.8181818182	-2.831
5.2448	254.332	0	0.9	-7.85
5.1462	228.294	0	1	-8.057
1.9352	96.944	0	0	-1.3
2.8326	112.216	0	0	-4.3
1.9725	70.135	1	0	-2.54
2.878	152.237	4	0	-2.06
2.64	239.702	2	0.375	-2.338
3.0377	315.716	2	0.5454545455	-3.499
6.9192	300.36	0	1	-9.332
2.6667	346.467	2	0	-3.24
1.9898	360.45	2	0	-3.11
2.5606	402.487	3	0	-4.21
4.263	342.778	4	0.6666666667	-5.839
4.43112	362.771	6	0.4545454545	-5.382
3.9668	292.334	1	0.7272727273	-2.84
1.67088	240.698	4	0.375	-3.15

3.5141	215.362	3	0	-3.4
1.2492	236.271	2	0	-2.17
-0.4773	168.152	0	0	-1.655
2.7307	98.189	0	0	-3.51
1.7015	114.188	0	0	-0.88
2.5067	96.173	0	0	-3.18
0.693	210.233	0	0	-3.168
2.3406	84.162	0	0	-3.1
1.3114	100.161	0	0	-0.44
1.5196	98.145	0	0	-0.6
2.1166	82.146	0	0	-2.59
1.0415	281.352	3	0	-1.13
0.3029	196.206	0	0	-3.06
3.1208	112.216	0	0	-4.15
2.0916	128.215	0	0	-1.29
1.0831	224.26	0	0	-2.982
1.9505	70.135	0	0	-2.64
1.7265	68.119	0	0	-2.1
-0.0872	182.179	0	0	-2.349
-0.8674	154.125	0	0	-1.886
2.3705	198.31	1	0	-2.218
6.31708	434.294	6	0.4137931034	-7.337
6.54398	449.856	6	0.3870967742	-8.176
6.17798	416.304	6	0.4285714286	-8.017
-0.6479	111.104	0	0.75	-1.155
4.221	337.463	0	0.2	-5.507
1.6838	248.307	2	0.7058823529	-3.094
5.929	320.046	3	0.6666666667	-7.2
6.1879	318.03	2	0.6666666667	-6.9
6.4955	354.491	2	0.6315789474	-7.15
3.3668	138.254	0	0	-5.19

6.6944	314.522	12	0	-5.14
6.49018	505.206	6	0.4285714286	-8.402
3.6959	330.468	2	0	-3.45
4.2667	372.505	3	0	-4.63
3.8659	300.314	4	0.5454545455	-4.632
1.8957	392.467	2	0	-3.59
2.4665	434.504	3	0	-4.9
2.4017	152.237	0	0	-1.85
6.433	390.564	14	0.2142857143	-6.96
3.8782	393.854	8	0.2608695652	-6.34
3.8782	393.854	8	0.2608695652	-6.34
4.2774	270.225	4	0	-4.286
3.1538	284.746	1	0.6	-3.754
3.58472	304.352	7	0.3157894737	-3.64
3.586	168.195	0	1	-4.6
4.0545	184.263	0	1	-4.38
1.7337	173.835	0	0	-1.17
2.6032	130.231	6	0	-1.85
4.7938	314.466	15	0	-3.896
3.6004	278.348	8	0.3	-4.4
3.1443	297.656	5	0.3529411765	-4.31
1.4215	84.933	0	0	-0.63
3.9954	269.127	2	0.7058823529	-3.953
5.5995	370.49	2	0.6	-5.666
4.4814	380.913	0	0	-6.29
4.6046	266.34	3	0.6	-4.95
7.7256	474.64	1	0	-7.278
1.0428	74.123	2	0	-0.09
2.04	222.24	4	0.375	-2.35
1.7594	90.191	2	0	-1.34
2.4076	122.258	3	0	-2.42

4.8286	268.356	4	0.6	-4.07
3.581	286.331	4	0.5714285714	-4.16
3.5801	310.687	2	0.5714285714	-6.02
3.2473	764.95	7	0	-5.293
2.2181	780.949	7	0	-4.081
5.1608	334.456	12	0.25	-6.144
1.8139	267.835	0	0	-2.34
6.433	390.564	14	0.2142857143	-6.637
1.8198	102.177	2	0	-1.1
2.5364	118.245	2	0	-2.24
2.395	299.691	8	0	0.523
2.8699	338.795	2	0.4782608696	-4.328
1.9576	211.261	1	0	-0.85
1.89922	209.293	4	0.4	-2.24
0.2367	76.095	2	0	0.48
1.2598	194.186	2	0.4285714286	-1.66
0.9792	62.137	0	0	-0.45
1.6274	94.204	1	0	-1.44
2.9502	322.243	5	0.2727272727	-5.47
2.7221	240.215	4	0.3529411765	-3.38
-3.8346	180.156	0	0	0.35
2.5396	118.245	4	0	-2.58
6.7212	390.564	16	0.2142857143	-5.115
5.5088	414.63	0	0	-7.32
1.4502	223.228	2	0.375	-1.57
2.9067	239.318	3	0.6666666667	-2.98
3.4789	170.211	2	0.9230769231	-3.96
3.4302	169.227	2	0.9230769231	-3.504
3.2774	168.239	2	0.9230769231	-4.08
1.823	102.177	4	0	-1.62
3.6212	296.552	4	0	-4.86

3.7702	274.413	9	0	-4.23
2.5801	299.288	5	0.3157894737	-3.35
3.0869	233.098	1	0.4285714286	-3.8
3.3089	136.238	1	0	-4.26
1.51702	198.134	2	0.4285714286	-1.456
1.5759	180.207	3	0.4615384615	-2.17
-2.2131	254.246	3	0.5	-0.17
8.048	282.556	17	0	-8.172
4.4814	380.913	0	0	-6.18
3.9591	290.447	0	0	-4.16
4.4839	306.515	0	0	-5.41
3.9444	266.34	0	0.5	-5.24
3.7375	268.356	0	0.3	-5.282
2.2155	288.255	1	0.5714285714	-3.62
-2.3072	122.12	3	0	0.7
3.6092	272.388	0	0.3	-5.03
2.4237	148.205	3	0.5454545455	-2.92
2.58	288.387	0	0.2857142857	-4.955
3.8174	270.372	0	0.3	-3.955
3.9242	333.266	6	0.2608695652	-6.124
1.0262	30.07	0	0	-1.36
0.9361	62.137	0	0	-0.6
-0.0014	46.069	0	0	1.1
3.6126	296.41	0	0.2727272727	-4.3
2.6579	225.313	4	0.4	-2.09
5.0053	384.487	12	0	-5.54
1.85272	209.293	5	0.4	-3.028
3.8826	312.453	0	0	-5.66
2.0576	286.349	4	0.3157894737	-3.42
2.0576	286.349	4	0.3157894737	-3.42
1.3424	258.324	3	0.5625	-3.81

0.5694	88.106	1	0	-0.04
1.8633	150.177	2	0.5454545455	-2.32
2.1298	144.214	5	0	-1.28
2.2629	176.215	3	0.4615384615	-3
3.6902	200.322	9	0	-4.1
0.1793	74.079	2	0	0.15
2.5199	158.241	6	0	-2.74
2.1298	144.214	5	0	-2.35
3.3001	186.295	8	0	-3.8
2.91	172.268	7	0	-3.39
1.7397	130.187	4	0	-1.75
0.9595	102.133	2	0	-0.66
1.4329	88.15	3	0	-0.66
1.1664	72.107	2	0	-0.85
2.249	106.168	1	0.75	-2.77
2.9767	112.216	1	0	-4.25
0.8022	28.054	0	0	-0.4
1.4455	165.192	2	0.5	-2.1
1.5689	166.176	2	0.5	-2.35
0.2494	26.038	0	0	0.29
6.372	376.496	9	0.6428571429	-8.6
2.6691	244.294	4	0.6111111111	-4.735
1.3386	588.562	5	0.2857142857	-3.571
2.7441	154.253	0	0	-1.64
2.1293	164.204	3	0.5	-1.56
4.0676	331.202	3	0.8181818182	-4.38
2.84032	201.225	2	0.7333333333	-3.3
2.79932	277.238	5	0.3529411765	-4.04
3.2604	253.367	6	0.3529411765	-3.927
3.6038	301.342	7	0.5454545455	-4.7
5.26898	349.43	5	0.4615384615	-6.025

3.1003	308.361	7	0.3333333333	-2.3
3.61302	278.335	5	0.375	-4.57
1.7801	164.208	1	0.5	-1.6
0.7358	306.276	5	0.7272727273	-1.8
6.62798	451.469	9	0.5454545455	-6.876
-0.5088	129.094	0	0.6666666667	-0.972
1.8737	380.456	2	0	-3.43
1.8437	410.457	2	0	-5.613
5.3408	421.734	6	0.4285714286	-6.78
2.7989	232.205	1	0.375	-3.43
4.4872	202.256	0	1	-6
3.2578	166.223	0	0.9230769231	-5
1.8257	96.104	0	0.8571428571	-1.8
2.9233	376.468	1	0	-4.099
2.7989	232.205	1	0.375	-3.32
4.7381	329.321	2	0.75	-4.445
3.5144	312.118	2	0.3157894737	-4.047
2.4924	301.296	4	0.7727272727	-3.37
7.39568	502.92	8	0.5142857143	-8.003
1.6262	221.26	3	0.375	-2.34
0.8517	257.273	6	0	-1.995
-3.2198	180.156	2	0	0.64
1.2796	68.075	0	1	-0.82
1.0921	96.085	1	0.7142857143	-0.1
1.5528	262.261	1	0	-2.943
3.1418	372.808	6	0.6153846154	-4.571
-3.2214	180.156	1	0	0.74
1.771	217.268	2	0.375	-2.337
-1.6681	92.094	2	0	1.12
0.0443	218.205	5	0	-0.6
2.8103	352.77	3	0.25	-3.246

1.4008	124.139	1	0.6666666667	-1.96
-0.7716	151.129	0	0.8181818182	-3.583
2.5085	197.381	0	0	-1.71
1.3296	300.266	0	0.2727272727	-2.7
5.2415	373.321	0	0	-6.317
2.9767	100.205	4	0	-4.53
4.7574	260.762	1	0	-4.92
3.7268	236.74	0	0	-3.67
10.3886	366.718	23	0	-8.334
6.4876	226.448	13	0	-8.4
3.53712	162.276	0	0.5	-5.23
2.5866	86.178	3	0	-3.84
4.7852	270.372	5	0.6	-4.43
3.8094	162.276	5	0.5	-5.21
-1.1742	100.077	0	0	-0.4
3.1256	184.242	3	0.8571428571	-2.92
2.4536	214.264	3	0.75	-1.93
-0.3513	297.745	1	0.3529411765	-2.63
1.7816	362.466	2	0	-3.09
2.3524	404.503	3	0	-4.88
3.995	354.875	0	0	-5.46
3.8384	330.468	1	0	-3.817
-0.3538	136.114	0	0.9	-2.296
2.1753	118.179	0	0.6666666667	-3.04
2.0834	365.842	3	0.5	-3.586
1.5629	118.139	0	1	-2.16
2.1679	117.151	0	1	-1.52
1.6546	119.167	0	0.6666666667	-1.04
-1.8566	268.229	2	0.4736842105	-1.23
2.2912	204.01	0	0.8571428571	-3.01
1.4413	155.966	0	0	-1.6

4.4941	413	4	0.375	-6.62
1.0512	141.939	0	0	-1
2.47308	370.915	0	0.5454545455	-3.61
2.1915	243.742	5	0.375	-3.785
3.1887	313.747	7	0.2777777778	-3.658
1.2055	116.16	2	0	-1.21
0.8154	102.133	3	0	-1.01
2.8851	134.222	2	0.6	-4.12
0.3772	185.227	2	0	-2.15
1.41762	231.255	4	0.6470588235	-2.461
3.8896	345.401	8	0.2727272727	-4.194
-0.3593	151.129	0	0.8181818182	-3.401
-0.3149	137.142	1	0.6	0.009
1.5956	130.187	3	0	-1.92
1.2055	116.16	4	0	-1.52
2.3218	138.21	0	0	-1.06
2.5282	193.246	2	0.4285714286	-2.863
4.2528	309.366	8	0.2727272727	-6.49
0.9579	102.133	1	0	-0.55
0.5678	88.106	2	0	-0.63
2.81	120.195	1	0.6666666667	-3.27
2.9035	206.289	2	0.4	-3.536
2.2348	129.162	0	1	-1.45
2.667	279.34	2	0.3	-2.93
2.9668	322.364	5	0.5	-3.27
4.6182	490.639	0	0	-5.259
2.86482	260.245	2	0.6842105263	-3.021
-5.3972	342.297	4	0	-0.244
-2.5823	150.13	0	0	0.39
1.5305	234.299	1	0.3529411765	-4.594
2.6698	154.253	4	0	-1.99

3.6444	290.832	0	0	-4.64
3.0185	249.097	2	0.4	-3.592
3.1013	321.163	1	0.5714285714	-3.604
4.1955	404.547	6	0	-6.005
2.1218	330.364	9	0	-3.37
0.5027	160.169	4	0	-0.82
-5.3972	342.297	4	0	0.358
-3.5854	182.172	5	0	0.06
1.9222	127.574	0	0.75	-1.37
3.1025	191.455	0	0.75	-3.21
2.9446	238.455	0	0.75	-3.55
2.2482	157.556	1	0.6	-2.77
2.9722	295.298	3	0.6818181818	-3.88
2.632	329.38	8	0	-2.518
0.8498	196.202	2	0	-1.899
5.2797	340.507	1	0	-5.27
3.3381	298.367	4	0.7142857143	-4.873
2.52334	310.297	3	0.3	-3.24
4.5753	384.516	2	0	-5.35
2.0119	172.183	0	0.4615384615	-3.03
2.4395	156.269	1	0	-2.53
2.6477	154.253	1	0	-2.35
0.9834	218.253	6	0	-1.807
2.585	167.258	0	0.9	-3.18
1.84434	279.336	5	0.3	-1.601
0.6361	16.043	0	0	-0.9
-0.3915	32.042	0	0	1.57
3.00254	250.301	1	0.8421052632	-2.925
0.501	198.222	2	0	-2.23
1.436	261.064	1	0.6875	-2.82
0.5302	241.243	6	0.3529411765	-0.985

5.062	310.478	10	0	-5.19
1.8622	271.39	8	0.3333333333	-2.928
2.5478	216.192	1	0.8125	-3.664
5.2059	345.653	4	0.5714285714	-6.89
0.1793	74.079	0	0	0.46
0.3454	86.09	1	0	-0.22
1.4732	136.15	1	0.6	-1.85
1.4329	88.15	3	0	-0.99
1.3496	116.16	3	0	-0.82
3.3001	186.295	8	0	-4.69
-0.2108	60.052	1	0	0.58
0.59	184.147	1	0.4615384615	-1.24
1.7397	130.187	4	0	-1.87
-0.9205	46.073	0	0	1.34
4.0803	214.349	10	0	-4.69
0.8682	137.138	1	0.6	-0.46
2.91	172.268	7	0	-3.38
2.5199	158.241	6	0	-3.17
1.3496	116.16	3	0	-1.36
0.5694	88.106	1	0	-0.14
1.0428	74.123	2	0	-0.39
1.4313	88.15	0	0	-0.24
2.5866	98.189	0	0	-3.85
2.1965	84.162	0	0	-3.3
3.7677	268.36	3	0.6	-3.35
1.1788	152.149	1	0.5454545455	-1.827
4.8401	344.495	1	0	-5.284
0.74091	142.183	0	0.6666666667	-2.436
3.16412	283.799	6	0.3157894737	-2.73
2.71412	365.842	2	0.5	-3.78
1.4048	151.165	1	0.5454545455	-1.803

2.4421	228.679	2	0.4	-2.564
0.09202	171.156	3	0.4166666667	-1.26
0.3715	214.294	1	0.4285714286	-2.253
0.09202	171.156	3	0.4166666667	-1.22
2.5882	175	0	0.75	-2.67
-0.1303	209.253	1	0.4	-1.989
6.223	545.546	0	0	-6.8
1.57722	107.156	0	0.75	-0.85
1.177	138.126	1	0.6	-2.19
1.3004	139.11	1	0.6	-1.01
1.90322	137.138	1	0.6	-2.44
2.3651	214.652	2	0.4285714286	-2.57
-2.8848	446.405	6	0.1935483871	-0.742
2.4335	198.653	1	0.4615384615	-2.89
1.988	302.238	1	0.7272727273	-3.083
2.30344	106.168	0	0.75	-2.82
2.5328	149.237	3	0.5454545455	-3.03
0.0945	87.122	0	0	1.11
1.7526	121.183	1	0.6666666667	-1.92
3.6512	380.784	5	0	-2.28
3.4755	271.36	5	0.5	-3.57
5.1462	228.294	0	1	-8.6
2.8398	128.174	0	1	-3.6
4.2572	275.179	4	0.3529411765	-4.77
2.6714	154.253	4	0	-2.46
2.1184	121.183	2	0.6666666667	-1.7
2.65122	266.304	1	0.6	-3.19
3.8595	327.123	3	0.5714285714	-4.7
0.1805	122.127	1	0.6666666667	0.61
2.1756	346.339	4	0.24	-4.76
0.9959	156.097	2	0.4545454545	-2.19

2.4086	295.298	2	0.5454545455	-3.796
0.5809	214.206	2	0.3571428571	-3.22
2.9502	322.243	5	0.2727272727	-3.561
3.5617	230.909	0	0.5454545455	-3.76
2.3843	281.271	2	0.5714285714	-3.796
1.5948	123.111	1	0.6666666667	-1.8
0.283	75.067	1	0	-0.22
4.6939	284.098	3	0.6666666667	-5.46
0.0735	238.159	3	0.2941176471	-3.38
-1.0201	227.085	8	0	-2.22
-0.1071	61.04	0	0	0.26
1.7283	107.156	1	0.75	-1.28
3.7569	128.259	6	0	-5.88
4.2894	511.581	5	0.6153846154	-3.931
2.0823	222.332	1	0	-3.171
4.0633	340.463	1	0	-4.8
2.6074	314.425	0	0	-4.57
2.9464	303.671	2	0.6	-4.046
5.929	320.046	3	0.6666666667	-6.51
0.9744	109.128	0	0.75	-0.72
1.9222	127.574	0	0.75	-1.52
3.1025	191.455	0	0.75	-3.19
2.9446	238.455	0	0.75	-3.54
2.2482	157.556	1	0.6	-2.55
3.3668	114.232	5	0	-5.24
0.1016	89.094	1	0	0.85
2.5882	175	0	0.75	-2.7
0.4911	137.138	1	0.6	-1.82
1.4008	124.139	1	0.6666666667	-1.96
1.177	138.126	1	0.6	-1.96
1.6034	153.137	2	0.5454545455	-1.96

1.3004	139.11	1	0.6	-1.74
1.90322	137.138	1	0.6	-2.33
1.7768	346.365	8	0.2608695652	-5.16
3.3103	244.29	3	0.5555555556	-4.314
1.57722	107.156	0	0.75	-2.21
4.217	345.226	3	0.5	-5.696
0.1071	219.266	1	0	0.106
2.4479	286.718	1	0.6	-3.952
1.3016	267.306	2	0.3333333333	-2.281
2.30344	106.168	0	0.75	-2.8
3.4934	324.38	5	0.5	-3.73
2.518	184.242	1	0.8571428571	-2.7
5.929	320.046	3	0.6666666667	-7.2
6.1879	318.03	2	0.6666666667	-6.9
0.9744	109.128	0	0.75	-0.8
-1.6476	114.06	0	0	-0.4
3.2711	291.265	7	0.3333333333	-4.66
2.518	184.242	1	0.8571428571	-2.7
2.4075	214.062	1	0.5454545455	-3.083
3.0537	282.906	0	0.75	-4.56
2.2984	169.611	1	0.5454545455	-2.843
1.9222	127.574	0	0.75	-1.66
3.1025	191.455	0	0.75	-3.63
2.9446	238.455	0	0.75	-4.03
2.2482	157.556	1	0.6	-2.92
1.70062	108.14	0	0.75	-0.73
3.3716	203.351	6	0	-3.53
5.3167	328.843	4	0.5217391304	-5.915
4.9536	250.339	0	0.5454545455	-5.65
3.1603	202.295	0	0	-2.6
4.6592	266.338	0	0.5	-4.28

3.2287	148.249	0	0.5454545455	-4
2.1965	72.151	2	0	-3.18
1.185	226.276	4	0	-2.39
1.7397	130.187	4	0	-1.89
1.7397	130.187	4	0	-2.25
3.4193	148.249	4	0.5454545455	-4.64
3.7569	140.27	4	0	-6.08
3.08932	379.381	4	0.5	-3.8
6.1133	391.294	6	0.4615384615	-6.291
5.7372	252.316	0	1	-8.804
1.7841	153.156	1	0.5454545455	-1.78
2.0437	179.219	3	0.4615384615	-2.35
3.993	178.234	0	1	-5.26
3.388	179.222	0	1	-2.78
2.0853	122.167	2	0.6666666667	-2.33
3.78422	300.314	3	0.5454545455	-4.805
0.7004	232.239	2	0.3529411765	-2.322
1.3922	94.113	0	0.8571428571	0
3.5601	318.328	2	0.75	-2.9
5.7605	350.458	6	0.4615384615	-5.24
3.7878	308.381	5	0.5217391304	-3.81
0.9722	108.144	1	0.75	0.07
1.1789	108.14	1	0.75	-0.4
1.3421	152.222	1	0.6	-1.77
1.7696	252.273	2	0.6315789474	-4.097
3.7277	260.386	8	0	-4.11
4.2361	367.816	7	0.4285714286	-5.233
3.22838	298.304	7	0.3157894737	-4.862
0.0012	149.149	0	0	-2.932
0.5702	147.133	0	0.5454545455	-2.61
1.42996	128.134	0	0.6	-2.38

1.3506	151.165	1	0.5454545455	-1.03
1.2047	122.123	1	0.6666666667	-0.96
6.2994	278.354	0	1	-7.87
2.9972	285.343	3	0.2857142857	-3.46
1.2278	150.133	1	0.5454545455	-1.63
4.1983	353.49	9	0	-4.15
1.21984	238.291	2	0.3529411765	-1.95
1.581	331.353	2	0.5217391304	-4.16
1.5077	136.15	2	0.6	-1.49
1.57722	107.156	0	0.75	-1.21
1.177	138.126	1	0.6	-2.37
1.6034	153.137	2	0.5454545455	-2.41
1.3004	139.11	1	0.6	-0.74
1.90322	137.138	1	0.6	-2.49
3.0592	170.211	1	0.9230769231	-3.48
3.8792	288.431	0	0	-4.12
1.5576	360.45	2	0	-3.18
2.1284	402.487	3	0	-4.37
4.5153	316.485	1	0	-4.65
0.5379	218.256	2	0.375	-2.64
0.4048	198.222	2	0	-2.21
3.2829	284.142	1	0.3333333333	-4.8
4.7235	314.469	1	0	-4.42
1.5208	225.296	5	0.375	-2.478
2.2341	241.364	5	0.375	-4.1
2.6668	211.692	3	0.4285714286	-2.48
1.4163	44.097	0	0	-1.94
3.3419	218.083	2	0.4615384615	-3
2.1656	229.715	4	0.4	-4.43
2.3388	281.314	7	0	-3.408
3.6534	342.226	5	0.5	-3.493

0.5953	58.08	1	0	0.58
0.91998	55.08	0	0	0.28
2.192	209.245	3	0.4	-2.05
0.9595	102.133	2	0	-0.72
0.9595	102.133	2	0	-1.92
0.5694	88.106	3	0	-0.49
1.3496	116.16	3	0	-1.34
2.6391	120.195	2	0.6666666667	-3.37
2.9767	112.216	2	0	-4.74
1.1923	42.081	0	0	-1.08
1.8214	102.177	3	0	-1.34
0.6395	40.065	0	0	-0.41
2.6897	150.221	0	0.5454545455	-2.41
0.4198	132.126	0	1	0.02
5.0206	230.31	2	1	-7.11
0.64242	171.221	1	0.5454545455	-1.74
2.30344	106.168	0	0.75	-2.77
2.7095	217.268	2	0.375	-2.56
-0.4245	123.115	1	0.6666666667	-0.667
1.4681	221.647	1	0.8	-2.878
4.584	202.256	0	1	-6.176
0.4766	80.09	0	1	1.1
1.0816	79.102	0	1	0.76
0.4766	80.09	0	1	1.1
2.24112	245.282	2	0.6111111111	-2.09
0.8788	289.744	2	0.3333333333	-3.29
2.2348	129.162	0	1	-1.3
2.826	332.57	3	0.3	-5.03
4.8618	295.336	1	0.4285714286	-5.82
-7.5714	504.438	8	0	-0.41
1.4952	262.309	2	0	-2.696

2.2246	254.293	1	0.6315789474	-2.62
0.1343	133.197	0	0	-1.77
-1.72356	376.369	5	0.5185185185	-3.685
1.8356	179.219	3	0.4615384615	-2.452
4.5429	321.549	4	0.375	-5.72
3.7033	394.423	3	0.4137931034	-4.42
2.88	330.171	2	0.2857142857	-4.376
2.4639	226.235	0	0.7058823529	-3.672
2.95952	254.289	0	0.6315789474	-3.928
2.878	288.738	1	0.6	-4.114
3.52752	322.29	1	0.5217391304	-4.207
2.81714	268.32	1	0.6	-4.554
2.7599	270.361	1	0.6315789474	-4.634
3.3649	269.373	1	0.6315789474	-4.706
3.4346	252.317	1	0.6315789474	-4.749
2.6147	268.32	2	0.6	-2.86
3.2071	255.292	2	0.6315789474	-4.799
3.17972	296.374	2	0.5454545455	-4.871
3.12232	283.331	2	0.5714285714	-5.153
3.4587	273.723	1	0.6315789474	-5.36
2.35452	255.277	0	0.6315789474	-3.043
2.8296	253.305	1	0.6315789474	-3.324
1.6288	313.361	4	0.5217391304	-3.36
3.2071	255.292	2	0.6315789474	-3.535
3.459	239.274	1	0.6666666667	-3.68
-1.6424	286.28	4	0.3	-0.85
0.4911	137.138	1	0.6	-1.836
2.6445	213.236	2	0.75	-3.59
2.4196	246.306	0	0	-3.09
1.3511	238.287	5	0	-2.356
3.3868	232.327	2	0.3529411765	-4.11

1.3886	201.661	4	0.4615384615	-4.55
0.7255	213.31	3	0.4285714286	-2.676
-3.5854	182.172	5	0	1.09
-1.06888	361.445	8	0.2608695652	-1.981
4.8523	416.583	1	0	-4.173
3.8884	293.407	9	0.2857142857	-3.84
3.9591	290.447	0	0	-4.743
5.6015	365.964	5	0.3157894737	-4.522
2.3296	104.152	1	0.75	-2.82
1.7579	120.151	1	0.6666666667	-1.6
-0.577	99.089	0	0	0.3
-5.3956	342.297	5	0	0.79
-0.55943	214.25	2	0.4285714286	-1.99
3.0988	223.794	4	0	-3.39
-0.0838	172.209	1	0.5454545455	-1.34
0.961	224.26	4	0	-2.016
2.9841	134.222	0	0.6	-3.66
0.7614	70.091	1	0	0.32
4.5117	381.112	2	0.5	-7.28
1.25342	216.668	0	0.4285714286	-2.484
4.5063	288.44	7	0	-4.755
1.5224	225.296	4	0.375	-3.239
2.2357	241.364	4	0.375	-4
3.8792	288.431	0	0	-4.02
4.45	330.468	1	0	-5.184
4.8401	344.495	2	0	-5.37
3.1773	331.627	0	0	-3.14
3.0682	165.834	0	0	-2.54
4.0144	261.919	1	0.4615384615	-4.02
2.5529	153.823	0	0	-2.31
5.7074	198.394	11	0	-7.96

5.55182	418.736	4	0.2222222222	-7.321
0.7968	72.107	0	0	0.49
1.1869	86.134	0	0	-0.03
0.2296	116.164	0	0	0.94
0.0878	258.233	1	0.3157894737	-2.676
-1.0397	180.167	0	0.6923076923	-2.523
-1.0397	180.167	0	0.6923076923	-1.39
0.4043	356.227	6	0.2857142857	-2.154
1.516	254.355	5	0	-3.46
2.4085	124.208	1	0.75	-2.39
2.1075	218.322	3	0	-1.62
2.99	246.359	7	0	-3.091
1.3499	242.344	4	0	-3.36
1.7481	84.143	0	1	-1.33
1.9753	110.181	0	0.8571428571	-2.12
0.0586	128.156	0	0.75	-2.273
-0.8113	76.124	0	0	0.32
2.0608	240.444	0	0	-3.9
-0.62838	126.115	0	0.6666666667	-1.506
2.82402	150.221	1	0.5454545455	-2.22
1.99502	92.141	0	0.8571428571	-2.21
3.2752	148.249	1	0.5454545455	-4.15
2.8326	112.216	0	0	-4.47
2.7527	98.189	3	0	-3.82
1.9725	70.135	1	0	-2.54
3.1243	293.754	4	0.55	-3.61
4.8439	304.67	4	0	-4.88
0.6205	394.439	2	0	-3.68
2.4188	434.504	2	0	-4.31
1.7621	478.513	4	0	-4.13
0.8334	253.269	1	0.8421052632	-2.404

4.23352	343.217	1	0.7391304348	-4.09
2.4547	252.731	0	0	-1.91
0.821	380.662	2	0.3	-2.68
2.1609	257.437	3	0	-0.22
0.821	380.662	2	0.3	-2.68
1.88018	144.388	0	0	-2.168
2.5017	131.389	0	0	-1.96
1.9864	119.378	0	0	-1.17
5.3915	333.604	5	0.3529411765	-5.752
5.1447	289.545	2	0.7058823529	-4.46
6.25676	368.369	6	0.6923076923	-6.01
2.25242	189.243	0	0.9230769231	-2.07
1.803	229.715	5	0.4	-4.06
2.204	182.156	6	0	0.43
4.1482	335.282	7	0.2608695652	-5.68
2.431	430.934	6	0	-4.19
1.2673	435.481	6	0.3225806452	-3.638
5.1462	228.294	0	1	-6.726
-1.375	266.257	2	0.4736842105	-1.95
-0.9368	112.088	0	0.75	-1.488
-0.9762	60.056	0	0	0.96
-1.7672	168.112	0	0.75	-3.93
1.3755	86.134	3	0	-0.85
1.9882	287.343	8	0	1.144
3.4213	286.114	2	0.3333333333	-4.925
3.6096	308.333	4	0.6956521739	-3.893
2.56214	354.815	3	0.5217391304	-3.79
2.02164	179.219	1	0.4615384615	-2.581