

	name	fold	log2fold	tstat	pvalue	qvalue	updown	mzmed	mzmin
1	M358T17_	6.432159	-2.6853	-12.7146	1.56E-06	0.010023	DOWN	358.099	358.0986
2	M407T32	2.794809	-1.48275	-7.11917	0.000138	0.255882	DOWN	407.1368	407.1367
3	M560T31_	8.821993	3.141105	8.364387	0.000341	0.306974	UP	560.0806	560.0803
4	M585T26	5.880264	2.555881	5.557371	0.000643	0.327966	UP	584.948	584.9476
5	M309T2	2.52584	1.336763	5.367224	0.000985	0.336996	UP	308.8998	308.8994
6	M327T20_	3.999303	-1.99975	-5.78093	0.001082	0.338555	DOWN	327.0963	327.0957
7	M362T17_	7.863715	-2.97521	-5.66193	0.001478	0.34291	DOWN	362.0944	362.0942
8	M173T2	2.48199	1.311497	5.421253	0.001856	0.345376	UP	172.9768	172.9766
9	M335T31	2.310379	-1.20813	-5.22284	0.001895	0.345573	DOWN	335.0942	335.0942
10	M424T19_	10.06235	-3.3309	-6.03496	0.002019	0.34616	DOWN	424.0408	424.0402
11	M492T24_	2.559287	-1.35574	-5.30085	0.002096	0.346489	DOWN	492.345	492.3442
12	M197T12	5.757151	2.525355	6.014849	0.002577	0.348112	UP	197.1173	197.1173
13	M1005T44	5.118675	2.355771	4.504246	0.002616	0.348219	UP	1005.496	1005.496
14	M173T3	3.005966	1.587829	6.128393	0.002665	0.348348	UP	172.9771	172.9769
15	M192T3	2.586272	1.370874	4.698708	0.003529	0.350041	UP	192.008	192.0079
16	M1151T44	9.09867	3.185656	5.201235	0.003778	0.350387	UP	1150.806	1150.806
17	M487T30_	2.167976	1.116349	5.035162	0.00393	0.350577	UP	486.8257	486.8211
18	M517T19	4.937604	2.303811	4.569535	0.004041	0.350707	UP	517.2291	517.2284
19	M378T18_	1.828522	-0.87068	-3.86138	0.0048	0.351436	DOWN	378.1775	378.1768
20	M360T17	6.349507	-2.66664	-4.45131	0.00508	0.35165	DOWN	360.0959	360.0956
21	M598T42	1.915781	0.937932	3.883237	0.005127	0.351684	UP	598.086	598.0838
22	M480T43	1.458345	0.544332	4.303428	0.00525	0.35177	UP	480.3477	480.347
23	M787T44	4.227687	2.079869	3.800065	0.005372	0.351851	UP	787.2684	787.2683
24	M284T3	23.48456	-4.55364	-5.35627	0.005672	0.352035	DOWN	284.1636	284.1635
25	M325T20	3.623889	-1.85754	-4.01008	0.0058	0.352108	DOWN	325.0993	325.0985
26	M708T31	3.390787	-1.76162	-3.81196	0.00603	0.352231	DOWN	708.1793	708.1785
27	M391T44_	6.761612	2.757367	4.252117	0.006222	0.352327	UP	390.9669	390.9669
28	M322T26	2.528592	-1.33833	-3.64834	0.006528	0.352469	DOWN	322.2383	322.2377
29	M918T44	4.24086	2.084357	3.700753	0.006713	0.352548	UP	917.6005	917.5987
30	M1209T44	3.819143	1.933249	3.702049	0.006733	0.352556	UP	1208.743	1208.742
31	M408T36	3.263209	-1.70629	-3.75296	0.007037	0.352677	DOWN	408.1551	408.1551
32	M784T29	2.710368	-1.43849	-3.60349	0.00709	0.352697	DOWN	784.1778	784.1772
33	M191T32	2.870291	1.521197	3.597194	0.007109	0.352704	UP	191.1431	191.1429
34	M362T17_	4.542398	-2.18345	-4.38119	0.007474	0.352833	DOWN	362.0001	361.9995
35	M243T11	11.71342	3.550091	4.864057	0.007565	0.352863	UP	243.1229	243.1228
36	M224T25_	2.080658	-1.05704	-3.69376	0.007864	0.352958	DOWN	224.0632	224.0629
37	M723T33	2.62978	1.394942	3.569747	0.007918	0.352974	UP	722.5059	722.5044
38	M449T29_	2.450153	1.292872	3.541673	0.008278	0.353078	UP	449.1558	449.1552
39	M466T21	6.180439	-2.62771	-4.38589	0.008327	0.353091	DOWN	466.1568	466.156
40	M333T29_	74.79479	6.224866	4.841345	0.00838	0.353106	UP	333.2428	333.2426
41	M385T30	2.094929	-1.0669	-3.49606	0.008461	0.353127	DOWN	385.1827	385.1824
42	M388T30	2.058095	1.041309	3.499306	0.008771	0.353206	UP	388.2445	388.244
43	M438T39	2.070217	-1.04978	-3.77603	0.009004	0.353261	DOWN	438.1865	438.1865
44	M278T25	3.290054	-1.71811	-4.03139	0.009479	0.353366	DOWN	278.1965	278.1963
45	M501T22	13.53999	3.759155	4.579623	0.009547	0.353381	UP	501.1787	501.1762
46	M361T44	2.830947	-1.50128	-3.72719	0.010053	0.35348	DOWN	361.1903	361.1861

47	M661T43	3.68205	1.880509	3.351894	0.010129	0.353494	UP	661.4611	661.4606
48	M646T11	5.432734	2.441678	3.538335	0.010187	0.353505	UP	646.4017	646.4013
49	M321T17_	4.84779	-2.27733	-4.06046	0.010308	0.353527	DOWN	320.9739	320.9732
50	M524T44	7.332723	2.874349	3.65179	0.010439	0.35355	UP	524.1394	524.139
51	M422T19_	7.023931	-2.81228	-3.96426	0.010472	0.353555	DOWN	422.0422	422.0415
52	M590T33	3.921604	1.971444	3.597692	0.010546	0.353568	UP	590.4267	590.4254
53	M498T44	4.705078	2.234219	3.336467	0.010567	0.353572	UP	498.1236	498.1233
54	M284T31	7.94635	2.990292	4.343117	0.010675	0.35359	UP	284.2093	284.2091
55	M311T44	2.807858	1.48947	3.534602	0.010721	0.353597	UP	311.167	311.1667
56	M788T29	4.713305	-2.23674	-3.73137	0.010815	0.353613	DOWN	788.173	788.1716
57	M201T3	2.019535	1.014023	4.310889	0.010825	0.353614	UP	201.0083	201.0082
58	M231T3	2.29502	1.198507	4.26831	0.010987	0.35364	UP	230.8899	230.8899
59	M263T22_	5.747563	-2.52295	-4.2618	0.011249	0.35368	DOWN	263.0813	263.0808
60	M635T33	3.39887	1.765055	3.448129	0.011336	0.353693	UP	635.4565	635.4552
61	M352T44	2.920807	1.546367	3.382749	0.011892	0.353771	UP	352.1937	352.1931
62	M679T33	2.869355	1.520727	3.246763	0.011966	0.353781	UP	679.483	679.4817
63	M394T44	2.928436	1.550131	3.318474	0.011978	0.353782	UP	394.2232	394.2229
64	M391T37	2.67386	-1.41892	-3.5831	0.012138	0.353803	DOWN	391.2953	391.2951
65	M535T26	4.704545	2.234055	3.245429	0.012204	0.353812	UP	534.9289	534.9287
66	M179T16_	5.085029	2.346256	4.266445	0.012246	0.353817	UP	179.1068	179.1068
67	M409T21_	5.56136	-2.47544	-4.04216	0.012383	0.353834	DOWN	409.1165	409.1156
68	M266T22	5.935389	-2.56934	-4.20346	0.012463	0.353844	DOWN	266.0739	266.0733
69	M634T33	3.062981	1.614936	3.250631	0.01264	0.353865	UP	634.453	634.4519
70	M351T29_	4.556248	2.187846	4.209858	0.012651	0.353866	UP	351.1621	351.1618
71	M291T33_	3.03111	1.599846	3.25737	0.012778	0.353881	UP	291.2321	291.232
72	M264T22_	5.915237	-2.56444	-3.85656	0.012827	0.353887	DOWN	264.0749	264.0745
73	M548T36	2.988548	-1.57944	-4.02385	0.012836	0.353888	DOWN	548.3796	548.3787
74	M318T22	1.88557	-0.915	-3.39676	0.012947	0.353901	DOWN	318.1928	318.1927
75	M463T21_	6.682462	-2.74038	-4.18266	0.012974	0.353904	DOWN	463.1745	463.1743
76	M549T36	3.344626	-1.74185	-3.77398	0.013038	0.353911	DOWN	549.3825	549.3821
77	M420T19	2.645328	-1.40345	-3.17881	0.013096	0.353917	DOWN	420.0456	420.0446
78	M300T31_	3.717531	-1.89434	-3.67093	0.01318	0.353927	DOWN	300.1435	300.1429
79	M607T44	2.367156	1.243155	3.172721	0.013202	0.353929	UP	607.4269	607.4267
80	M514T20	12.66887	-3.66322	-4.19935	0.013213	0.35393	DOWN	514.2317	514.231
81	M546T33	4.455908	2.155719	3.551894	0.013356	0.353945	UP	546.4002	546.3992
82	M383T22_	4.2513	2.087904	3.176281	0.013533	0.353964	UP	383.2525	383.2523
83	M678T33	2.810493	1.490823	3.152163	0.013567	0.353967	UP	678.4794	678.4782
84	M363T23	121.2125	6.921395	4.21092	0.013575	0.353968	UP	363.217	363.2168
85	M502T45	3.499406	1.80711	3.210072	0.013775	0.353988	UP	502.2283	502.2281
86	M602T27	9.597564	-3.26267	-3.91128	0.013822	0.353993	DOWN	602.2428	602.2427
87	M540T44_	5.197695	2.377872	3.342008	0.01387	0.353998	UP	540.1536	540.1534
88	M556T27_	7.555901	-2.9176	-3.82408	0.013911	0.354002	DOWN	556.2372	556.237
89	M262T22_	7.183424	-2.84467	-4.0914	0.013926	0.354003	DOWN	262.0783	262.0776
90	M683T43	3.408821	1.769273	3.128634	0.014141	0.354024	UP	683.4744	683.4739
91	M661T33	2.940415	1.55602	3.119661	0.01428	0.354037	UP	661.4529	661.4514
92	M425T21	4.473063	-2.16126	-3.72541	0.014317	0.354041	DOWN	425.1306	425.1293
93	M496T43	1.247914	0.319519	3.446232	0.014558	0.354063	UP	495.6919	495.6912

94	M998T44	3.647256	1.866811	3.094512	0.014788	0.354083	UP	997.5043	997.5037
95	M353T44_	2.873164	1.52264	3.113139	0.014844	0.354088	UP	353.1968	353.1967
96	M452T39	2.648062	-1.40494	-3.19444	0.015031	0.354103	DOWN	452.173	452.1725
97	M290T36	2.00364	-1.00262	-3.08621	0.015038	0.354104	DOWN	290.2197	290.2196
98	M627T31_	5.694392	-2.50954	-3.49251	0.015083	0.354108	DOWN	627.2437	627.2429
99	M735T44	3.569554	1.835744	3.234246	0.015121	0.354111	UP	735.3201	735.3195
100	M597T31_	23.67634	4.565374	3.999479	0.015158	0.354114	UP	597.1088	597.1079
101	M380T32_	2.965976	-1.56851	-3.62174	0.015168	0.354115	DOWN	380.2071	380.2071
102	M636T33	3.143084	1.652181	3.169553	0.015184	0.354116	UP	636.4597	636.4587
103	M499T6	3.874381	-1.95397	-3.50772	0.0152	0.354117	DOWN	499.1863	499.1862
104	M775T44	5.299285	2.405798	3.105643	0.015301	0.354126	UP	775.2397	775.2396
105	M591T33	4.377516	2.130112	3.504651	0.015327	0.354128	UP	591.4301	591.4288
106	M411T21_	4.943566	-2.30555	-3.7208	0.015418	0.354135	DOWN	411.115	411.1108
107	M919T44	4.741955	2.245482	3.225592	0.015535	0.354144	UP	918.5949	918.5945
108	M426T21_	3.966542	-1.98788	-3.5452	0.01569	0.354156	DOWN	426.1329	426.1324
109	M300T19	3.798036	1.925254	3.807276	0.015752	0.354161	UP	300.1808	300.1807
110	M447T30_	11.41477	3.51283	4.006724	0.015877	0.354171	UP	447.1671	447.1669
111	M920T44	4.50093	2.170223	3.166724	0.016074	0.354185	UP	919.5979	919.5976
112	M211T16_	17.26625	4.109882	3.995543	0.016096	0.354187	UP	211.1331	211.133
113	M631T29_	4.561609	2.189543	3.13339	0.016168	0.354192	UP	630.969	630.9688
114	M267T17	9.848256	3.299868	3.979679	0.016237	0.354197	UP	267.1593	267.1592
115	M708T44	5.010709	2.325015	3.288014	0.016246	0.354198	UP	708.3592	708.3588
116	M364T3	24.81936	4.633394	3.978411	0.016365	0.354206	UP	363.79	363.7898
117	M391T25_	82.09346	6.359195	3.965964	0.01659	0.354222	UP	391.1571	391.1571
118	M521T31	131.5304	7.039252	3.960331	0.016672	0.354228	UP	521.0765	521.0762
119	M608T44_	2.709903	1.438241	3.096673	0.016923	0.354244	UP	608.434	608.4332
120	M162T3	21.7346	4.441921	3.914087	0.017052	0.354253	UP	161.9609	161.9607
121	M609T31_	9.283997	-3.21475	-3.75088	0.017337	0.354271	DOWN	609.2572	609.2568
122	M175T3	10.97025	3.455524	3.844704	0.017402	0.354275	UP	174.9562	174.9562
123	M307T22_	5.565936	-2.47662	-3.71618	0.017452	0.354278	DOWN	307.1007	307.0998
124	M391T44_	3.080712	1.623264	2.981341	0.017567	0.354286	UP	391.2247	391.2244
125	M296T31_	10.38359	3.376233	3.817228	0.017617	0.354289	UP	296.2304	296.2302
126	M450T30	4.849554	2.277852	3.70791	0.017617	0.354289	UP	450.1658	450.1654
127	M709T44	4.424488	2.145511	3.13391	0.017635	0.35429	UP	709.3624	709.3622
128	M350T40	2.021927	-1.01573	-3.0269	0.017717	0.354295	DOWN	350.1774	350.1772
129	M229T16_	32.49455	5.022126	3.883251	0.017744	0.354296	UP	229.1437	229.1436
130	M265T15_	14.98104	3.905066	3.866076	0.017744	0.354296	UP	265.1437	265.1436
131	M609T44	2.635788	1.398235	3.111508	0.01777	0.354298	UP	609.4373	609.4369
132	M407T24	124.5964	6.961119	3.884072	0.017779	0.354298	UP	407.1519	407.1518
133	M562T32	4.300116	2.104375	2.971843	0.017824	0.354301	UP	561.9978	561.9969
134	M303T22_	6.584231	-2.71902	-3.79802	0.018113	0.354318	DOWN	303.1049	303.1041
135	M427T21	4.983312	-2.3171	-3.55063	0.018213	0.354324	DOWN	427.1272	427.1262
136	M337T21	12.17325	3.605643	3.836211	0.018245	0.354326	UP	337.238	337.2379
137	M411T18	8.232227	-3.04128	-3.48036	0.018255	0.354326	DOWN	410.9947	410.9947
138	M497T21_	34.91022	5.125577	3.839529	0.018386	0.354334	UP	497.2685	497.2681
139	M408T29	2.964648	-1.56786	-3.55123	0.018539	0.354342	DOWN	408.2022	408.2018
140	M985T44	5.218477	2.383629	3.205597	0.018546	0.354343	UP	985.4747	985.4739

141	M407T21_	5.36796	-2.42437	-3.74846	0.018631	0.354347	DOWN	407.1198	407.1191
142	M595T44	3.203694	1.679736	3.070882	0.018861	0.35436	UP	595.4217	595.4214
143	M712T44	1.498669	0.583682	3.270374	0.018903	0.354362	UP	712.3544	712.3542
144	M491T25	298.5634	8.221894	3.806573	0.018994	0.354367	UP	491.0817	491.0813
145	M347T30	1001.932	9.968568	3.805862	0.019007	0.354367	UP	347.1308	347.1306
146	M393T44	2.90606	1.539065	2.943003	0.01902	0.354368	UP	393.22	393.2194
147	M154T28	5.839495	-2.54584	-3.7412	0.019113	0.354373	DOWN	153.9482	153.9482
148	M190T3	9.228014	3.20602	3.751619	0.019161	0.354375	UP	189.9923	189.9923
149	M399T30_	84.97176	6.408912	3.789107	0.019165	0.354376	UP	399.323	399.3212
150	M584T23_	2.393338	-1.25902	-2.99163	0.019188	0.354377	DOWN	584.3358	584.3353
151	M537T26_	41.37582	5.370716	3.777818	0.019209	0.354378	UP	537.0876	537.0875
152	M606T31	11.82613	-3.56391	-3.70451	0.019287	0.354382	DOWN	606.2559	606.2548
153	M463T33_	2.512575	1.329167	2.97068	0.019307	0.354383	UP	463.1715	463.171
154	M307T19_	2.191065	1.131632	2.993846	0.019316	0.354383	UP	307.1546	307.154
155	M324T32	2.57272	-1.36329	-3.69398	0.019444	0.35439	DOWN	324.2253	324.2251
156	M451T24_	1379.402	10.42983	3.776525	0.019494	0.354392	UP	451.1418	451.1417
157	M580T26	10.38	-3.37573	-3.63601	0.019514	0.354393	DOWN	580.2225	580.2224
158	M534T30_	207.1735	7.694696	3.765864	0.019672	0.354401	UP	534.0879	534.0872
159	M373T31_	701.6813	9.454672	3.757798	0.019811	0.354408	UP	373.1464	373.1462
160	M605T31	13.86566	-3.79344	-3.67755	0.019844	0.35441	DOWN	605.262	605.2612
161	M706T31	2.873495	-1.52281	-2.92464	0.019856	0.35441	DOWN	706.1808	706.1799
162	M690T12	3.696211	1.886047	2.917626	0.019864	0.354411	UP	690.4278	690.4275
163	M470T32	2.523109	-1.3352	-3.20529	0.019893	0.354412	DOWN	470.3326	470.3319
164	M442T21_	3.36701	-1.75147	-3.31964	0.019895	0.354412	DOWN	442.1906	442.1897
165	M476T23_	98.38739	6.620401	3.75073	0.01993	0.354414	UP	476.2798	476.2796
166	M302T17	3.23319	1.692958	3.738567	0.01998	0.354416	UP	302.1966	302.1964
167	M335T41_	62.90124	5.975017	3.745962	0.020015	0.354418	UP	335.2583	335.2582
168	M549T30	466.2152	8.864852	3.74381	0.020054	0.35442	UP	549.0873	549.0868
169	M535T25	70.33316	6.136133	3.740906	0.020081	0.354421	UP	535.0718	535.0714
170	M181T36	1.955634	-0.96764	-3.20624	0.020085	0.354421	DOWN	181.0767	181.0766
171	M1215T44	4.030099	2.010815	2.981536	0.020099	0.354422	UP	1214.737	1214.735
172	M245T38	1.766685	-0.82105	-2.93339	0.020106	0.354422	DOWN	245.0129	245.0125
173	M176T3	5.541684	2.470324	3.550296	0.020336	0.354433	UP	175.9767	175.9766
174	M465T25_	47.03001	5.55551	3.719296	0.020397	0.354435	UP	465.1575	465.157
175	M604T31	11.33896	-3.50322	-3.65638	0.020398	0.354436	DOWN	604.259	604.2578
176	M378T18_	3.799506	-1.92581	-2.90771	0.020413	0.354436	DOWN	378.02	378.0199
177	M213T10_	3.767293	1.913528	3.080011	0.020437	0.354437	UP	213.1017	213.1013
178	M595T27_	31.76237	4.989247	3.703489	0.020486	0.35444	UP	595.057	595.0565
179	M159T3	3.049801	1.608715	3.630488	0.020515	0.354441	UP	158.9676	158.9613
180	M497T25	595.4486	9.217833	3.71663	0.020534	0.354442	UP	497.1473	497.147
181	M492T44_	1.295042	0.372998	3.002977	0.020588	0.354444	UP	492.3769	492.3761
182	M749T44	4.76892	2.253663	3.117039	0.020615	0.354445	UP	749.3859	749.3854
183	M405T3	17.8058	4.154275	3.702229	0.020705	0.354449	UP	404.8164	404.8163
184	M375T31_	1289.582	10.33269	3.702561	0.020789	0.354453	UP	375.1469	375.1467
185	M516T20	10.24972	-3.35751	-3.63346	0.02081	0.354454	DOWN	516.2299	516.2293
186	M362T33	2.215574	-1.14768	-2.87139	0.020814	0.354454	DOWN	362.1865	362.1865
187	M527T21_	76.17929	6.251327	3.698194	0.020862	0.354456	UP	527.2794	527.2791

188	M202T24	16.04285	4.003858	3.68568	0.021091	0.354466	UP	202.082	202.0819
189	M374T31_	1165.355	10.18655	3.680119	0.021201	0.354471	UP	374.1495	374.1493
190	M477T23_	195.4176	7.610416	3.671219	0.021367	0.354478	UP	477.2832	477.2829
191	M349T31_	150.928	7.237717	3.670286	0.02138	0.354478	UP	349.1464	349.1461
192	M547T33	5.084386	2.346074	3.348653	0.021388	0.354479	UP	547.4037	547.403
193	M608T31_	12.80648	-3.6788	-3.60301	0.021416	0.35448	DOWN	608.254	608.2534
194	M381T23_	83.40113	6.381995	3.667943	0.021423	0.35448	UP	381.2276	381.2274
195	M268T17	4.553072	2.18684	3.477963	0.02143	0.35448	UP	268.1589	268.1544
196	M412T44	2.477313	1.308776	3.46261	0.021742	0.354493	UP	412.2505	412.2502
197	M550T30	65.733	6.038546	3.648767	0.021777	0.354494	UP	550.091	550.0899
198	M656T20_	56.02479	5.807994	3.645837	0.02183	0.354497	UP	656.3223	656.322
199	M569T29_	11.85343	3.567232	3.519	0.021917	0.3545	UP	569.1136	569.1134
200	M209T14	11.84849	3.566631	3.62849	0.021917	0.3545	UP	209.1173	209.1172
201	M476T23_	222.8253	7.79977	3.638834	0.021986	0.354503	UP	476.2642	476.2635
202	M265T19	16.08315	4.007478	3.62411	0.022038	0.354505	UP	265.1436	265.1436
203	M401T44	2.741542	-1.45499	-3.52563	0.022105	0.354507	DOWN	401.214	401.2136
204	M467T24_	44.2359	5.467146	3.63214	0.022107	0.354508	UP	467.1731	467.173
205	M656T20_	76.02347	6.248373	3.629031	0.022151	0.354509	UP	656.3222	656.3222
206	M469T25_	23.47233	4.552889	3.62728	0.022161	0.35451	UP	469.1887	469.1886
207	M491T26_	240.6484	7.910783	3.628373	0.02219	0.354511	UP	491.0817	491.0817
208	M303T24_	17.79491	4.153392	3.572602	0.022242	0.354513	UP	303.1046	303.1043
209	M724T33	2.380749	1.251415	2.861048	0.022282	0.354514	UP	723.5093	723.5079
210	M349T27_	34.15196	5.093896	3.619286	0.022297	0.354515	UP	349.2379	349.2376
211	M348T23_	53.16096	5.732295	3.611708	0.022298	0.354515	UP	348.1285	348.1281
212	M451T31_	20.65378	4.368334	3.606941	0.022363	0.354517	UP	451.1779	451.1776
213	M223T25_	1.589301	-0.66839	-2.97861	0.022366	0.354517	DOWN	223.0637	223.0633
214	M348T30	170.2478	7.411492	3.618185	0.022389	0.354518	UP	348.1343	348.1339
215	M640T22	625.0363	9.287796	3.612715	0.022502	0.354523	UP	640.3275	640.3268
216	M305T22_	5.973233	-2.57851	-3.44399	0.022558	0.354525	DOWN	305.1018	305.101
217	M301T31_	50.51921	5.65876	3.60585	0.022558	0.354525	UP	301.2166	301.2165
218	M452T24	599.1149	9.226689	3.608144	0.022593	0.354526	UP	452.1451	452.145
219	M377T31_	160.3606	7.325176	3.603213	0.022669	0.354529	UP	377.1423	377.1421
220	M532T31_	80.93656	6.33872	3.60218	0.022696	0.35453	UP	532.1084	532.1081
221	M626T19	20.70346	4.3718	3.591391	0.022711	0.35453	UP	626.3115	626.3115
222	M432T31_	1.752272	-0.80923	-3.13138	0.022822	0.354534	DOWN	432.2746	432.2741
223	M361T28_	52.44832	5.712825	3.596368	0.022825	0.354535	UP	361.2013	361.2012
224	M639T31	373.8154	8.546182	3.594704	0.022864	0.354536	UP	639.0131	639.0126
225	M814T33	2.924884	1.548379	2.844969	0.022884	0.354537	UP	813.5677	813.5666
226	M511T24	131.3186	7.036928	3.592564	0.022907	0.354538	UP	511.2839	511.2838
227	M527T21_	143.8717	7.16864	3.590075	0.022958	0.354539	UP	527.2792	527.2789
228	M1150T44	8.375199	3.066123	3.36339	0.023239	0.354549	UP	1149.803	1149.802
229	M220T2	3.683601	-1.88112	-3.47499	0.023243	0.35455	DOWN	219.8974	219.8972
230	M405T27	62.96604	5.976502	3.56231	0.023488	0.354558	UP	405.1364	405.1361
231	M517T31	514.2807	9.006412	3.563891	0.023504	0.354559	UP	517.0815	517.081
232	M363T26_	48.47779	5.599252	3.560697	0.023559	0.35456	UP	363.1258	363.1255
233	M592T33	4.37199	2.12829	3.083684	0.023579	0.354561	UP	592.4331	592.4317
234	M349T32_	24.59689	4.620404	3.557539	0.023588	0.354561	UP	349.2377	349.2374

235	M319T31_	1795.713	10.81034	3.558026	0.023628	0.354563	UP	319.2271	319.227
236	M641T22_	152.5399	7.253043	3.55725	0.023634	0.354563	UP	641.3308	641.3303
237	M628T31	14.9205	-3.89922	-3.471	0.023706	0.354565	DOWN	628.2369	628.2366
238	M246T33	2.175354	-1.12125	-3.17856	0.023716	0.354566	DOWN	246.1853	246.185
239	M728T43	2.932135	1.551951	2.790325	0.023721	0.354566	UP	727.501	727.5007
240	M155T3	2.931888	1.55183	3.519759	0.023813	0.354569	UP	155.0028	155.0027
241	M638T21	36.84771	5.203503	3.542437	0.023886	0.354572	UP	638.3122	638.3121
242	M576T26_	8.058807	-3.01057	-3.33532	0.023907	0.354572	DOWN	576.2274	576.2268
243	M319T32_	185.8825	7.538247	3.536981	0.024078	0.354578	UP	319.2272	319.2271
244	M440T32_	4.093644	-2.03339	-3.42347	0.024117	0.354579	DOWN	440.2676	440.267
245	M497T27_	42.47682	5.408604	3.529874	0.024123	0.354579	UP	497.1474	497.1468
246	M493T30	164.3924	7.361	3.532918	0.024164	0.354581	UP	493.0609	493.0605
247	M626T27	3.563835	-1.83343	-3.14924	0.024243	0.354583	DOWN	626.2762	626.2762
248	M569T25	390.9986	8.611019	3.525822	0.02432	0.354586	UP	569.1138	569.1137
249	M532T31_	118.12	6.884109	3.522465	0.024386	0.354588	UP	532.0851	532.0848
250	M614T31	10.54445	3.398412	3.412516	0.024437	0.354589	UP	614.4846	614.4845
251	M533T33	110.7347	6.790964	3.519875	0.02444	0.35459	UP	533.0824	533.0824
252	M302T31_	48.50211	5.599976	3.518949	0.024456	0.35459	UP	302.2199	302.2114
253	M763T29	6.070484	-2.60181	-3.20684	0.024458	0.35459	DOWN	763.177	763.1768
254	M656T20_	35.73218	5.159152	3.514141	0.024458	0.35459	UP	656.3226	656.3224
255	M395T44_	4.389409	2.134027	2.887917	0.024537	0.354593	UP	395.493	395.4928
256	M999T44_	3.130202	1.646256	2.760749	0.024646	0.354596	UP	998.5067	998.5057
257	M799T31_	105.4766	6.720779	3.509921	0.024661	0.354597	UP	799.2638	799.2629
258	M160T3	3.466861	1.79363	3.480136	0.024664	0.354597	UP	159.9456	159.9455
259	M371T31_	28.20785	4.818025	3.507754	0.024711	0.354598	UP	371.1512	371.151
260	M489T42	1.631205	-0.70594	-3.04151	0.024712	0.354598	DOWN	489.0841	489.0831
261	M207T10_	5.076561	2.343852	3.035372	0.024731	0.354599	UP	207.1018	207.1018
262	M397T27	76.50198	6.257425	3.506974	0.024731	0.354599	UP	397.2227	397.2223
263	M495T31_	77.94491	6.284383	3.504549	0.024791	0.354601	UP	495.0767	495.0762
264	M605T24	15.33671	3.938917	3.35395	0.024832	0.354602	UP	605.0666	605.0663
265	M230T16	22.96425	4.521318	3.496608	0.024884	0.354603	UP	230.147	230.147
266	M320T31_	130.2647	7.025302	3.498695	0.024924	0.354605	UP	320.2305	320.2304
267	M576T25_	185.6477	7.536424	3.498313	0.024928	0.354605	UP	576.0985	576.0979
268	M607T31	14.13048	-3.82074	-3.44678	0.025006	0.354607	DOWN	607.2578	607.2573
269	M556T20	1.637361	-0.71137	-2.74962	0.025086	0.35461	DOWN	556.3247	556.3243
270	M492T27	64.36141	6.008124	3.488973	0.02513	0.354611	UP	492.1684	492.168
271	M317T30_	27.92235	4.803348	3.488846	0.02514	0.354611	UP	317.2115	317.2082
272	M391T24	51.87825	5.697058	3.47544	0.02545	0.35462	UP	391.1568	391.1566
273	M440T18	29.48577	4.881947	3.470344	0.025464	0.354621	UP	440.247	440.2469
274	M498T25	124.4083	6.958939	3.475085	0.025465	0.354621	UP	498.1505	498.1504
275	M430T25_	18.37721	4.199846	3.471625	0.025516	0.354622	UP	430.1679	430.1678
276	M449T27_	200.1261	7.644765	3.471303	0.025548	0.354623	UP	449.1263	449.126
277	M748T40	1.950545	-0.96388	-3.22983	0.025558	0.354624	DOWN	748.4851	748.4835
278	M304T22_	16.424	-4.03773	-3.43884	0.025569	0.354624	DOWN	304.108	304.1074
279	M627T20	42.92459	5.423733	3.466723	0.025624	0.354626	UP	627.3154	627.3148
280	M379T30_	28.14383	4.814747	3.46397	0.025654	0.354626	UP	379.2119	379.2116
281	M715T24	109.659	6.776881	3.465111	0.025673	0.354627	UP	715.0082	715.0079

282	M873T43	1.749206	0.8067	3.156811	0.025683	0.354627	UP	872.6321	872.6314
283	M259T2	7.695102	2.943941	3.452691	0.025725	0.354628	UP	258.8858	258.8855
284	M370T33	3.718298	1.894643	2.974523	0.025746	0.354629	UP	370.2955	370.2951
285	M558T31_	93.45641	6.546222	3.459533	0.025811	0.354631	UP	558.1082	558.1077
286	M285T17	4.893388	2.290834	3.420878	0.025836	0.354632	UP	285.1701	285.1699
287	M309T11_	5.313099	2.409553	3.058709	0.026034	0.354637	UP	309.0902	309.0898
288	M414T30_	1.987641	-0.99106	-2.97097	0.026036	0.354637	DOWN	414.2284	414.2273
289	M379T19_	3.133637	1.647838	2.729061	0.02606	0.354638	UP	379.1207	379.1203
290	M637T24	7.116078	2.831082	2.95093	0.026076	0.354638	UP	637.1149	637.1147
291	M478T23_	28.55483	4.835663	3.447733	0.026107	0.354639	UP	478.2954	478.2953
292	M264T2	375.9763	8.554498	3.44678	0.026131	0.35464	UP	263.8649	263.8648
293	M238T25_	657.5409	9.360937	3.446161	0.026146	0.35464	UP	237.5825	237.5824
294	M227T14_	11.22483	3.488622	3.429654	0.02615	0.35464	UP	227.1279	227.1278
295	M322T14_	33.99788	5.087373	3.439936	0.026179	0.354641	UP	322.074	322.074
296	M786T29	6.358521	-2.66869	-3.16808	0.026188	0.354641	DOWN	786.1742	786.174
297	M154T29_	5.530681	-2.46746	-3.40276	0.026217	0.354642	DOWN	153.9483	153.9483
298	M275T30	48.33722	5.595063	3.440429	0.026228	0.354643	UP	275.2009	275.2006
299	M597T24_	782.9235	9.612727	3.44265	0.02623	0.354643	UP	597.0723	597.0722
300	M405T24	7.54791	2.916077	3.412634	0.026269	0.354644	UP	405.1566	405.1564
301	M375T33_	366.7602	8.518693	3.437867	0.026345	0.354646	UP	375.1621	375.1619
302	M375T30	9.724328	3.281599	3.387458	0.026352	0.354646	UP	375.1622	375.1619
303	M519T32_	48.49682	5.599818	3.437189	0.026356	0.354646	UP	519.0768	519.0766
304	M399T11_	6.973962	2.801978	3.109955	0.02638	0.354647	UP	398.9468	398.9465
305	M319T32_	381.0954	8.574008	3.436173	0.026386	0.354647	UP	319.2271	319.2268
306	M415T24_	3.683377	1.881029	2.944451	0.026407	0.354647	UP	415.0475	415.0473
307	M453T24_	52.31268	5.709089	3.429795	0.026457	0.354649	UP	453.142	453.1418
308	M579T25	71.1922	6.153647	3.431901	0.02646	0.354649	UP	579.0618	579.0613
309	M626T20	40.03143	5.323061	3.428305	0.026509	0.35465	UP	626.3118	626.3114
310	M579T26	60.00595	5.907034	3.427313	0.026556	0.354652	UP	579.0619	579.0614
311	M1003T44	4.145984	2.051714	2.745649	0.026616	0.354653	UP	1003.498	1003.496
312	M333T37_	66.49742	6.055226	3.42133	0.026748	0.354657	UP	333.4074	333.402
313	M469T25_	16.98754	4.086405	3.404699	0.026778	0.354657	UP	469.1887	469.1882
314	M565T29_	52.05337	5.70192	3.419231	0.026799	0.354658	UP	564.9909	564.9906
315	M373T32_	117.9022	6.881447	3.417577	0.026802	0.354658	UP	373.1465	373.1463
316	M699T31	198.6076	7.633777	3.416742	0.026851	0.354659	UP	699.339	699.3383
317	M439T24	15.45778	3.950261	3.340377	0.026884	0.35466	UP	439.1419	439.1417
318	M498T26	32.62105	5.027731	3.409288	0.026906	0.354661	UP	498.2133	498.2127
319	M667T30	24.187	4.59616	3.403386	0.026931	0.354662	UP	667.0222	667.0222
320	M638T20	27.96771	4.80569	3.408533	0.02695	0.354662	UP	638.3118	638.3117
321	M612T10_	344.3265	8.427633	3.412664	0.02696	0.354662	UP	612.3764	612.3763
322	M597T27_	93.33495	6.544345	3.41013	0.027012	0.354664	UP	597.0726	597.0719
323	M348T23_	472.4167	8.883916	3.40972	0.027034	0.354664	UP	347.6267	347.6264
324	M365T20_	103.5346	6.693969	3.408454	0.027062	0.354665	UP	365.2328	365.2327
325	M349T30_	521.3304	9.026054	3.405632	0.027136	0.354667	UP	349.2378	349.2375
326	M600T24_	30.65597	4.938096	3.399195	0.027188	0.354668	UP	600.0761	600.076
327	M154T30	5.275921	-2.39942	-3.34738	0.027244	0.35467	DOWN	153.9483	153.9482
328	M595T24	76.82007	6.263411	3.398786	0.027279	0.354671	UP	595.0773	595.0769

329	M382T23_	12.18712	3.607286	3.368449	0.027296	0.354671	UP	382.231	382.231
330	M553T36_	10.27687	-3.36133	-3.38247	0.027394	0.354673	DOWN	553.3339	553.3337
331	M527T20_	169.5222	7.405331	3.393216	0.027448	0.354675	UP	527.2792	527.2791
332	M277T10_	6.286795	2.652325	3.078751	0.027469	0.354675	UP	277.1143	277.1141
333	M454T22_	5.941601	-2.57085	-3.31516	0.027489	0.354676	DOWN	454.2627	454.2626
334	M1206T44	9.012924	3.171995	3.084381	0.027559	0.354678	UP	1205.739	1205.736
335	M423T26	28.81093	4.848544	3.373593	0.027625	0.354679	UP	423.0555	423.0552
336	M434T22	2.079696	-1.05637	-2.77602	0.027626	0.354679	DOWN	434.3348	434.3342
337	M519T31_	375.3685	8.552164	3.383594	0.027693	0.354681	UP	519.0768	519.0764
338	M474T11	9.799121	-3.29265	-3.30994	0.027716	0.354682	DOWN	474.1351	474.1349
339	M377T33	32.57392	5.025645	3.380531	0.02773	0.354682	UP	377.1625	377.1623
340	M154T25_	6.325899	-2.66127	-3.3447	0.027781	0.354683	DOWN	153.9483	153.9483
341	M451T27_	181.2452	7.501799	3.379584	0.027794	0.354683	UP	451.1421	451.1415
342	M479T23_	58.93995	5.881174	3.379143	0.027803	0.354684	UP	479.2988	479.2986
343	M494T30	14.40503	3.848501	3.257416	0.027878	0.354685	UP	494.0641	494.0641
344	M509T28	23.53318	4.556625	3.349219	0.027928	0.354687	UP	509.0556	509.0552
345	M567T24	208.8486	7.706314	3.370037	0.028039	0.354689	UP	567.0979	567.0978
346	M655T34	23.49794	4.554462	3.364723	0.028046	0.35469	UP	655.4994	655.4985
347	M527T20_	124.9219	6.964882	3.367675	0.028093	0.354691	UP	527.2789	527.2788
348	M497T18	80.75988	6.335567	3.366838	0.02812	0.354691	UP	497.2684	497.2682
349	M502T33	6.12175	2.613944	3.182693	0.028158	0.354692	UP	502.3739	502.3728
350	M694T22	212.8182	7.733478	3.363313	0.028209	0.354693	UP	694.2471	694.2466
351	M375T32_	53.37697	5.738145	3.362517	0.028217	0.354694	UP	375.1468	375.1468
352	M474T26	25.23281	4.657229	3.338026	0.028455	0.354699	UP	474.1578	474.1573
353	M464T26	14.7018	3.877921	3.338526	0.028571	0.354702	UP	464.0823	464.082
354	M301T37	150.0216	7.229026	3.348445	0.02861	0.354703	UP	301.2163	301.2162
355	M394T21	28.19712	4.817476	3.337675	0.028652	0.354704	UP	394.2956	394.2954
356	M694T23	252.5556	7.980457	3.344326	0.028716	0.354705	UP	694.2467	694.2465
357	M223T25_	18.94024	4.243383	3.331632	0.028721	0.354706	UP	223.1695	223.1694
358	M164T3	6.503466	2.701209	3.28684	0.028744	0.354706	UP	163.9767	163.9766
359	M394T30_	2.204544	-1.14048	-2.76328	0.028766	0.354707	DOWN	394.2041	394.2038
360	M493T27_	73.26129	6.194979	3.339742	0.02883	0.354708	UP	493.0974	493.0972
361	M365T20_	115.3214	6.849516	3.33868	0.028869	0.354709	UP	365.2326	365.2326
362	M468T21	3.087027	-1.62622	-3.20046	0.028956	0.354711	DOWN	468.1535	468.1529
363	M409T24_	15.22019	3.927915	3.333468	0.029011	0.354712	UP	409.1676	409.1671
364	M321T24_	7.929639	2.987255	3.270915	0.029013	0.354712	UP	321.0787	321.0786
365	M387T10_	7.335681	2.874931	3.079043	0.029051	0.354713	UP	387.2227	387.2146
366	M319T31_	48.44693	5.598333	3.329674	0.02911	0.354714	UP	319.2271	319.2269
367	M561T31	65.5701	6.034966	3.32599	0.029127	0.354715	UP	561.1068	561.1064
368	M223T30_	84.09227	6.393901	3.324276	0.029159	0.354715	UP	222.5954	222.5952
369	M381T22	31.91176	4.996016	3.324199	0.029257	0.354718	UP	381.2276	381.2274
370	M640T23	1058.475	10.04777	3.322594	0.029307	0.354719	UP	640.3272	640.3269
371	M596T31_	4.916275	-2.29757	-3.1738	0.029313	0.354719	DOWN	596.2265	596.226
372	M528T20	14.27722	3.835644	3.298798	0.029347	0.35472	UP	528.2825	528.2822
373	M494T27_	92.25984	6.527631	3.318191	0.029414	0.354721	UP	494.1687	494.1683
374	M786T44	6.988212	2.804923	2.995364	0.029418	0.354721	UP	786.2715	786.2711
375	M476T24_	42.10323	5.395859	3.311796	0.029559	0.354724	UP	476.2799	476.2797

376	M479T24	30.04309	4.908961	3.308924	0.029607	0.354725	UP	479.2988	479.2985
377	M333T38	1632.988	10.6733	3.308165	0.029705	0.354727	UP	333.2426	333.2425
378	M408T21_	2.884372	-1.52826	-2.89458	0.029754	0.354728	DOWN	408.1227	408.1226
379	M449T24_	12.71602	3.668575	3.146064	0.029788	0.354729	UP	449.1465	449.1461
380	M547T30	62.37359	5.962863	3.302504	0.029807	0.35473	UP	547.0917	547.0915
381	M393T27_	7.066345	2.820964	3.269871	0.029857	0.354731	UP	393.1728	393.1728
382	M507T42	3.171727	-1.66527	-3.0683	0.030066	0.354735	DOWN	507.0543	507.054
383	M297T25	1.61273	-0.68951	-3.18903	0.03008	0.354735	DOWN	297.0826	297.0821
384	M521T33	1198.8	10.22738	3.29324	0.030124	0.354736	UP	521.0923	521.0919
385	M301T38_	29.47515	4.881427	3.291974	0.030137	0.354737	UP	301.2164	301.2162
386	M493T27_	57.17481	5.837308	3.289738	0.030168	0.354737	UP	493.0975	493.0972
387	M535T30	23.06141	4.527409	3.279627	0.030272	0.354739	UP	535.0912	535.0902
388	M513T17	8.391154	3.068869	3.224479	0.030273	0.354739	UP	513.2632	513.2631
389	M351T27	43.74557	5.451065	3.284807	0.03035	0.354741	UP	351.217	351.2168
390	M511T22_	86.17845	6.429255	3.283423	0.030395	0.354742	UP	511.2841	511.284
391	M167T30	3.153525	-1.65697	-3.04741	0.030433	0.354743	DOWN	167.0338	167.0336
392	M321T27_	32.21367	5.009601	3.27996	0.030451	0.354743	UP	321.1152	321.1149
393	M598T27	53.78917	5.749244	3.272565	0.030549	0.354745	UP	598.076	598.0754
394	M768T33	2.30774	1.206481	2.83393	0.030571	0.354746	UP	767.5357	767.5341
395	M215T22	4.874477	-2.28525	-3.0392	0.030586	0.354746	DOWN	215.0068	215.0065
396	M347T29	70.69248	6.143485	3.276202	0.030605	0.354746	UP	347.2221	347.2219
397	M493T26_	42.42335	5.406787	3.269908	0.030675	0.354748	UP	493.0822	493.0819
398	M313T20	1.799344	-0.84747	-2.89679	0.030749	0.354749	DOWN	313.0736	313.0735
399	M767T33	2.284802	1.192069	2.802275	0.030751	0.354749	UP	766.5323	766.5307
400	M399T20	21.78922	4.445542	3.266426	0.030762	0.354749	UP	399.2382	399.2381
401	M213T22_	5.025171	-2.32917	-3.09289	0.030764	0.354749	DOWN	213.0101	213.0096
402	M195T37_	291.421	8.186961	3.269438	0.030804	0.35475	UP	194.5861	194.586
403	M202T30	18.08287	4.176552	3.261882	0.030853	0.354751	UP	202.082	202.0818
404	M230T23_	213.4786	7.737948	3.267133	0.03087	0.354752	UP	229.585	229.585
405	M468T38	1.488091	-0.57346	-2.6263	0.030895	0.354752	DOWN	468.1057	468.1052
406	M598T24	307.2062	8.263064	3.263816	0.030967	0.354754	UP	598.0756	598.0754
407	M529T21	15.10502	3.916956	3.237129	0.030994	0.354754	UP	529.2949	529.2944
408	M378T31_	88.15426	6.461958	3.261061	0.031025	0.354755	UP	378.1459	378.1456
409	M363T11_	6.072095	2.602194	2.934665	0.031061	0.354755	UP	363.23	363.2276
410	M381T21_	21.14322	4.402123	3.256033	0.031096	0.354756	UP	381.2278	381.2274
411	M318T31_	488.8667	8.933297	3.257558	0.031152	0.354757	UP	317.5783	317.5781
412	M151T31_	9.306655	3.218263	3.246265	0.03122	0.354759	UP	151.1118	151.1117
413	M498T18_	8.228778	3.040678	3.229732	0.03125	0.354759	UP	498.2718	498.2716
414	M471T31	26.65544	-4.73636	-3.25031	0.031252	0.354759	DOWN	471.1648	471.1647
415	M363T20	16.17841	4.015998	3.243689	0.031256	0.354759	UP	363.2171	363.217
416	M351T31_	437.5781	8.773397	3.2523	0.031307	0.35476	UP	351.2532	351.253
417	M302T37	33.53762	5.067708	3.25119	0.031337	0.354761	UP	302.2197	302.2197
418	M481T24	43.71602	5.45009	3.249226	0.031371	0.354761	UP	481.1521	481.1518
419	M177T14	3.694005	1.885186	3.16567	0.031449	0.354763	UP	177.0911	177.0911
420	M299T11_	213.3478	7.737063	3.246338	0.031479	0.354764	UP	299.0218	299.0215
421	M248T18	5.241371	-2.38994	-3.02161	0.031537	0.354765	DOWN	248.0626	248.0621
422	M725T33	2.281715	1.190119	2.671176	0.031638	0.354767	UP	724.5123	724.5107

423	M511T23_	258.0496	8.011505	3.240967	0.031643	0.354767	UP	511.2837	511.2836
424	M375T33_	174.0112	7.443037	3.239739	0.031681	0.354767	UP	375.162	375.1619
425	M244T43	1.197758	-0.26034	-2.61015	0.031764	0.354769	DOWN	244.1903	244.1902
426	M626T31	39.69514	-5.31089	-3.23202	0.03178	0.354769	DOWN	626.24	626.2395
427	M420T44_	2.074178	1.05254	2.68257	0.031883	0.354771	UP	420.1808	420.1806
428	M749T41_	1.983724	-0.98821	-3.06608	0.031938	0.354772	DOWN	749.4886	749.4868
429	M323T35_	28.97782	4.856877	3.230612	0.031943	0.354772	UP	323.2583	323.2583
430	M512T24	15.20258	3.926244	3.226156	0.03197	0.354773	UP	512.2872	512.2872
431	M641T23	111.1119	6.795869	3.229057	0.031989	0.354773	UP	641.3305	641.3302
432	M151T37	17.14489	4.099706	3.228758	0.031995	0.354773	UP	151.1117	151.1117
433	M474T25	31.81501	4.991636	3.22065	0.032	0.354773	UP	474.1578	474.1572
434	M503T31	71.60934	6.162076	3.227859	0.032035	0.354774	UP	503.1042	503.1036
435	M354T11	3.534191	1.82138	2.915207	0.032051	0.354774	UP	354.2492	354.2491
436	M321T33_	190.3457	7.572478	3.226225	0.032087	0.354775	UP	321.2428	321.2427
437	M313T24	20.86998	4.383357	3.194232	0.032132	0.354776	UP	313.2938	313.2864
438	M351T25_	175.993	7.459374	3.223998	0.032156	0.354776	UP	351.2535	351.2534
439	M393T34	110.516	6.788112	3.222259	0.032158	0.354776	UP	393.0997	393.0997
440	M762T29	5.160867	-2.36761	-3.02494	0.032222	0.354777	DOWN	762.1741	762.1737
441	M384T27	19.64776	4.296293	3.204644	0.032226	0.354778	UP	384.2749	384.2747
442	M338T23	10.32421	3.367959	3.09865	0.032239	0.354778	UP	338.1417	338.1415
443	M398T20_	6.843192	-2.77467	-3.14488	0.032353	0.35478	DOWN	398.1305	398.1297
444	M461T21	4.69555	-2.23129	-3.04954	0.032415	0.354781	DOWN	461.1776	461.1767
445	M244T31	181.639	7.504931	3.214183	0.032454	0.354782	UP	243.555	243.5549
446	M431T40	1.641873	0.715343	2.58885	0.032615	0.354785	UP	431.2092	431.209
447	M1156T44	3.506009	1.80983	2.60447	0.032646	0.354785	UP	1155.79	1155.79
448	M955T41	6.627853	2.728542	2.867498	0.032692	0.354786	UP	955.0919	955.0918
449	M331T30_	26.58731	4.732666	3.206093	0.032706	0.354786	UP	331.2272	331.227
450	M405T44	2.854509	-1.51324	-3.14405	0.032873	0.354789	DOWN	405.2097	405.2092
451	M493T27_	25.63912	4.680275	3.196178	0.032878	0.354789	UP	493.1719	493.1715
452	M870T44	13.02138	-3.70281	-3.14411	0.032888	0.354789	DOWN	869.5881	869.5877
453	M333T37_	8337.534	13.0254	3.200295	0.032892	0.354789	UP	333.2424	333.2423
454	M574T33_	2.387674	1.255606	2.769046	0.032993	0.354791	UP	574.4037	574.4026
455	M224T27	157.0905	7.295452	3.195476	0.033036	0.354792	UP	223.5851	223.5848
456	M321T31_	22.07354	4.464246	3.189587	0.033067	0.354793	UP	321.2338	321.2336
457	M321T31_	118.1956	6.885032	3.193351	0.033083	0.354793	UP	320.5551	320.5549
458	M319T25	25.72128	4.684891	3.184751	0.033131	0.354794	UP	319.2273	319.2273
459	M334T37_	29.6222	4.888607	3.187986	0.033175	0.354794	UP	334.0764	334.0696
460	M539T44	7.008231	2.80905	2.947306	0.03318	0.354795	UP	539.1502	539.1499
461	M194T37	211.0381	7.72136	3.190971	0.033183	0.354795	UP	194.0844	194.0844
462	M442T19	24.81227	4.632982	3.185207	0.033203	0.354795	UP	442.2624	442.2622
463	M832T31	7.716321	-2.94791	-2.99934	0.033221	0.354795	DOWN	832.1098	832.1089
464	M997T44_	6.641296	2.731465	2.88908	0.033227	0.354795	UP	996.5073	996.5064
465	M750T41_	2.413014	-1.27084	-2.84132	0.033277	0.354796	DOWN	750.4891	750.4888
466	M321T26_	7.062539	2.820187	3.054245	0.0333	0.354797	UP	321.2428	321.2427
467	M412T27	36.65848	5.196075	3.18233	0.033426	0.354799	UP	412.2335	412.2332
468	M520T31	413.8619	8.693006	3.182938	0.03344	0.354799	UP	520.0798	520.0798
469	M257T36	15.52635	3.956646	3.18069	0.033463	0.354799	UP	257.1901	257.19

470	M530T21	14.38331	3.846323	3.178494	0.033516	0.3548	UP	530.2986	530.2981
471	M277T31_	9.074402	3.181803	3.172231	0.033565	0.354801	UP	277.2165	277.2163
472	M640T24	158.4774	7.308133	3.177654	0.033609	0.354802	UP	640.3273	640.3268
473	M607T29	9.366732	-3.22755	-3.10325	0.03364	0.354802	DOWN	607.2564	607.2561
474	M445T18_	3.530831	-1.82001	-2.8681	0.033643	0.354802	DOWN	445.0099	445.0097
475	M177T2	14.52432	3.860399	3.124356	0.033672	0.354803	UP	176.9844	176.9842
476	M293T30	33.34201	5.059269	3.171161	0.033703	0.354803	UP	293.2115	293.2112
477	M612T31	14.28714	-3.83665	-3.14237	0.033726	0.354804	DOWN	612.2637	612.2634
478	M454T24_	48.15481	5.589608	3.169895	0.033734	0.354804	UP	454.1453	454.145
479	M384T11	3.725973	1.897617	2.887556	0.033833	0.354806	UP	384.296	384.2954
480	M575T29_	5.092572	2.348395	2.758491	0.03402	0.354809	UP	575.3126	575.3123
481	M208T31_	404.7352	8.660835	3.164699	0.03403	0.354809	UP	207.5901	207.59
482	M411T30	7.422017	2.891811	2.971166	0.034199	0.354812	UP	411.0731	411.0729
483	M154T27	6.090751	-2.60662	-3.12977	0.034292	0.354813	DOWN	153.9483	153.9483
484	M459T27	4.839785	-2.27494	-3.00872	0.034323	0.354814	DOWN	459.1616	459.1615
485	M684T43	3.005334	1.587526	2.555307	0.034332	0.354814	UP	683.976	683.9759
486	M247T33	2.909036	1.540541	2.786565	0.034352	0.354814	UP	247.2058	247.2057
487	M195T39	1.679355	-0.74791	-2.68866	0.034366	0.354814	DOWN	195.0922	195.0921
488	M321T33_	729.7421	9.511243	3.154434	0.034367	0.354814	UP	321.2428	321.2426
489	M363T25	40.81397	5.350991	3.153349	0.034374	0.354814	UP	363.2171	363.2169
490	M215T37	381.8151	8.57673	3.150018	0.034513	0.354817	UP	214.5976	214.5976
491	M996T44	6.932911	2.793461	2.89758	0.034552	0.354817	UP	995.5036	995.5032
492	M604T27_	12.21988	-3.61116	-3.09918	0.03477	0.354821	DOWN	604.2374	604.2371
493	M423T29_	8.021634	3.003896	3.112418	0.034794	0.354821	UP	423.1831	423.1829
494	M379T33	7.111692	2.830193	3.122601	0.034822	0.354822	UP	379.1579	379.1578
495	M351T29_	90.87376	6.505792	3.14	0.034826	0.354822	UP	351.2534	351.2532
496	M322T33_	20.00285	4.322133	3.138322	0.034852	0.354822	UP	322.2462	322.2459
497	M360T25	18.93516	4.242995	3.107053	0.034931	0.354823	UP	360.1262	360.1261
498	M320T22_	98.52794	6.622461	3.136605	0.034938	0.354823	UP	320.0949	320.0944
499	M334T37_	56.43526	5.818525	3.135074	0.03501	0.354824	UP	334.2458	334.2457
500	M467T24_	44.55906	5.477647	3.131473	0.035061	0.354825	UP	467.1729	467.1728
501	M416T33_	58.05576	5.859367	3.132927	0.035064	0.354825	UP	416.1887	416.1883
502	M1444T44	9.684478	3.275674	2.988251	0.035077	0.354826	UP	1443.97	1443.969
503	M402T44	3.110764	-1.63727	-2.96267	0.035118	0.354826	DOWN	402.2172	402.2168
504	M510T43_	1.264705	0.338801	2.581872	0.035199	0.354827	UP	509.6984	509.6976
505	M323T35_	145.7409	7.187262	3.128835	0.035222	0.354828	UP	323.2584	323.2583
506	M414T31	328.6812	8.360545	3.128687	0.035227	0.354828	UP	414.1496	414.1494
507	M335T37_	458.5612	8.84097	3.128102	0.035249	0.354828	UP	335.0149	335.0148
508	M394T34_	77.87666	6.283119	3.127116	0.035261	0.354828	UP	394.1031	394.1031
509	M513T24_	3.283489	1.71523	2.810545	0.03536	0.35483	UP	513.2801	513.2798
510	M525T23_	2.591424	1.373745	2.573021	0.035412	0.354831	UP	525.0456	525.0453
511	M386T29_	30.37908	4.925006	3.122339	0.035434	0.354831	UP	386.2906	386.2903
512	M485T34_	15.11571	-3.91798	-3.10421	0.035465	0.354831	DOWN	485.1803	485.1802
513	M331T37_	1360.981	10.41043	3.121411	0.035478	0.354832	UP	331.4838	331.4837
514	M360T44	3.408644	-1.7692	-3.10523	0.035537	0.354833	DOWN	360.1876	360.187
515	M491T44	1.359212	0.442771	2.68971	0.035565	0.354833	UP	491.3737	491.373
516	M529T33_	4.513834	2.174353	2.874095	0.035569	0.354833	UP	529.3738	529.3731

517	M497T20_	108.0621	6.755716	3.116078	0.03566	0.354834	UP	497.2684	497.2679
518	M318T31_	4.399442	2.13732	2.522092	0.03572	0.354835	UP	317.9076	317.9073
519	M477T24	41.95189	5.390664	3.114025	0.035724	0.354835	UP	477.2832	477.283
520	M509T24	26.54236	4.730225	3.09715	0.035796	0.354836	UP	509.0923	509.092
521	M611T30	60.35624	5.915431	3.110479	0.03581	0.354837	UP	610.9971	610.9962
522	M589T26_	5.235182	2.38824	2.580191	0.035852	0.354837	UP	588.8692	588.8685
523	M609T26	18.87577	4.238463	3.063987	0.035855	0.354837	UP	609.0179	609.0171
524	M522T32_	7.580053	2.922208	3.067086	0.035866	0.354837	UP	522.2505	522.2441
525	M691T30_	1.252242	0.324513	2.524102	0.035882	0.354838	UP	691.4629	691.4621
526	M320T32	11.53041	3.527372	3.103254	0.035941	0.354839	UP	320.2305	320.2305
527	M338T41	1.506696	-0.59139	-2.53347	0.035949	0.354839	DOWN	338.1777	338.1777
528	M271T11_	2.883008	1.527575	2.524413	0.035999	0.354839	UP	271.0869	271.0863
529	M291T18	5.601467	-2.4858	-2.92968	0.036025	0.35484	DOWN	291.086	291.0855
530	M303T33	126.7463	6.9858	3.105124	0.036033	0.35484	UP	303.2323	303.232
531	M277T37	7.663034	2.937916	3.10214	0.036061	0.35484	UP	277.2163	277.2162
532	M369T10_	14.88267	3.895562	3.034979	0.036076	0.354841	UP	369.2132	369.2114
533	M238T22	3.001536	-1.5857	-2.97465	0.036166	0.354842	DOWN	238.1116	238.111
534	M574T33_	46.69105	5.545074	3.097758	0.036179	0.354842	UP	574.109	574.109
535	M333T36	295.8671	8.208805	3.100872	0.03619	0.354842	UP	333.2428	333.2426
536	M481T23	91.62506	6.51767	3.099276	0.03624	0.354843	UP	481.1524	481.1521
537	M456T24_	22.6551	4.501764	3.085533	0.036303	0.354844	UP	456.1473	456.1469
538	M235T31	7.402979	2.888106	3.096321	0.036312	0.354844	UP	235.1694	235.1693
539	M419T31	5.276632	2.399617	3.03345	0.03638	0.354845	UP	419.1519	419.1518
540	M329T22_	4.244665	-2.08565	-2.89058	0.036496	0.354847	DOWN	329.1113	329.1109
541	M414T24	31.582	4.981031	3.091523	0.036515	0.354847	UP	414.249	414.249
542	M345T30_	5.45829	2.448449	2.965892	0.036602	0.354848	UP	345.1356	345.1353
543	M224T25_	74.16033	6.212576	3.085867	0.036646	0.354849	UP	224.1728	224.1726
544	M628T20	23.85548	4.576249	3.085991	0.036646	0.354849	UP	628.3271	628.3268
545	M640T43	3.472611	1.796021	2.528453	0.036656	0.354849	UP	639.9494	639.949
546	M350T30_	23.52232	4.555959	3.081596	0.036751	0.35485	UP	350.2412	350.2409
547	M411T24_	8.590941	3.102816	2.992109	0.036799	0.354851	UP	411.1478	411.1475
548	M523T33	120.8359	6.916905	3.083363	0.036801	0.354851	UP	523.0922	523.092
549	M562T33_	598.3304	9.224798	3.079048	0.036965	0.354853	UP	562.1192	562.1185
550	M209T33	285.7859	8.158791	3.078843	0.036971	0.354853	UP	208.5979	208.5978
551	M303T39_	328.4108	8.359358	3.077763	0.037012	0.354854	UP	303.232	303.2318
552	M186T27	4.388447	2.13371	2.847389	0.037029	0.354854	UP	186.0746	186.0745
553	M674T34	14.44618	3.852616	3.036033	0.03706	0.354855	UP	673.5299	673.529
554	M638T31	34.99545	5.129095	3.072172	0.037066	0.354855	UP	638.0157	638.0151
555	M478T24_	14.93663	3.900783	3.071998	0.037067	0.354855	UP	478.2953	478.2951
556	M333T37_	73.87143	6.206945	3.074968	0.037113	0.354855	UP	333.4555	333.453
557	M332T37_	36.9071	5.205827	3.05676	0.037161	0.354856	UP	331.8349	331.8348
558	M177T37	6.488782	2.697948	3.069629	0.03717	0.354856	UP	177.091	177.0909
559	M164T34	28.51375	4.833586	3.072186	0.037196	0.354856	UP	164.0423	164.0423
560	M278T31_	3.717152	1.894198	2.538605	0.03725	0.354857	UP	277.6316	277.631
561	M381T23_	49.50987	5.629644	3.069609	0.03728	0.354858	UP	381.2275	381.2274
562	M1447T44	3.913778	1.968562	2.575665	0.037301	0.354858	UP	1446.972	1446.971
563	M551T31_	4.242328	2.084856	2.630338	0.037306	0.354858	UP	551.0309	551.0309

564	M520T33	59.58663	5.896917	3.067132	0.03734	0.354858	UP	520.0948	520.0947
565	M788T30	13.62274	-3.76794	-3.0341	0.037446	0.35486	DOWN	788.19	788.1897
566	M321T27_	5.954072	2.573877	2.92173	0.037474	0.35486	UP	321.2429	321.2428
567	M561T33	21.59416	4.43257	3.058263	0.037531	0.354861	UP	561.1213	561.1209
568	M321T31_	10.33255	3.369124	2.947916	0.037641	0.354862	UP	320.8889	320.8886
569	M391T26	81.61957	6.350843	3.059069	0.037684	0.354863	UP	391.157	391.157
570	M429T21	2.228897	-1.15633	-2.5655	0.037709	0.354863	DOWN	429.1255	429.118
571	M563T31	29.38062	4.876793	3.052001	0.037753	0.354864	UP	563.1033	563.1027
572	M450T27_	76.772	6.262508	3.055943	0.037787	0.354864	UP	450.1296	450.1294
573	M289T18	5.663833	-2.50178	-2.94734	0.037847	0.354865	DOWN	289.0892	289.0886
574	M513T24_	7.381861	2.883985	3.043181	0.03792	0.354866	UP	513.2998	513.2996
575	M174T30	10.74028	3.424959	3.030322	0.037923	0.354866	UP	174.0689	174.0686
576	M163T34	58.38332	5.867484	3.049465	0.03798	0.354867	UP	163.039	163.0387
577	M250T18	5.04984	-2.33624	-2.83888	0.037988	0.354867	DOWN	250.0596	250.0589
578	M335T37_	382.1369	8.577946	3.050664	0.038003	0.354867	UP	334.6587	334.6586
579	M550T24	20.10401	4.329411	3.036083	0.038032	0.354868	UP	550.1194	550.1191
580	M458T33_	5.62122	2.490883	2.885331	0.038119	0.354869	UP	458.3478	458.3467
581	M523T11_	3.178259	1.668237	2.479013	0.038173	0.35487	UP	523.364	523.3617
582	M398T27_	12.62307	3.657991	3.035953	0.038179	0.35487	UP	398.2259	398.2256
583	M207T24	56.16724	5.811657	3.044138	0.038245	0.35487	UP	207.1017	207.1017
584	M496T30_	3.287277	1.716893	2.833959	0.038292	0.354871	UP	495.8414	495.841
585	M345T23_	16.33973	4.030312	3.038086	0.038308	0.354871	UP	345.2064	345.2064
586	M275T36	76.08708	6.24958	3.036975	0.03851	0.354874	UP	275.2008	275.2007
587	M586T29_	15.76779	-3.97891	-3.01921	0.038534	0.354874	DOWN	586.2481	586.2479
588	M642T23	36.18122	5.177169	3.032972	0.038618	0.354875	UP	642.3428	642.3423
589	M219T16_	5.989126	2.582346	2.913786	0.038658	0.354876	UP	219.0571	219.0567
590	M335T38_	337.4123	8.398369	3.033221	0.038658	0.354876	UP	335.2583	335.2582
591	M443T23_	26.90628	4.749871	3.019693	0.038703	0.354876	UP	443.0455	443.0452
592	M471T26_	6.474519	-2.69477	-2.90724	0.038705	0.354876	DOWN	471.0445	471.0441
593	M309T21	8.624987	3.108522	3.01672	0.038733	0.354877	UP	309.1703	309.1699
594	M333T30	174.9159	7.450518	3.029865	0.038785	0.354877	UP	333.2427	333.2424
595	M305T22_	91.84603	6.521145	3.029483	0.038788	0.354877	UP	305.0952	305.0948
596	M468T40_	3.846991	-1.94373	-2.4838	0.038802	0.354878	DOWN	468.4196	468.4161
597	M154T31	6.043358	-2.59535	-2.99384	0.038803	0.354878	DOWN	153.9483	153.9482
598	M217T37	7.35255	2.878245	3.010773	0.038808	0.354878	UP	217.1587	217.1586
599	M338T35	1.963673	-0.97355	-2.48307	0.038851	0.354878	DOWN	338.2328	338.2324
600	M674T20	103.2064	6.689389	3.025139	0.038949	0.354879	UP	674.3328	674.3326
601	M355T38	43.51648	5.44349	3.024729	0.038965	0.35488	UP	355.2244	355.2244
602	M1157T44	3.767054	1.913437	2.536221	0.038994	0.35488	UP	1156.794	1156.792
603	M695T30	52.50866	5.714483	3.022233	0.039006	0.35488	UP	695.0181	695.0176
604	M414T32	13.82501	3.789209	3.018987	0.039112	0.354882	UP	414.173	414.1726
605	M334T38_	13.42025	3.746339	3.019597	0.039123	0.354882	UP	334.2459	334.2459
606	M415T33	5.713946	2.514487	2.915195	0.039148	0.354882	UP	415.3251	415.3246
607	M537T24	26.75416	4.741691	2.998613	0.039152	0.354882	UP	537.0873	537.0866
608	M335T39_	766.4929	9.582129	3.02023	0.039154	0.354882	UP	335.2583	335.2582
609	M592T23_	4.442785	-2.15146	-2.79503	0.039162	0.354882	DOWN	591.9371	591.9365
610	M414T33_	6.24303	2.642246	2.921532	0.039183	0.354882	UP	414.3216	414.3208

611	M401T10_	3.561472	1.832474	2.652016	0.039196	0.354883	UP	400.9348	400.9287
612	M289T36	13.13147	3.714957	3.016518	0.039199	0.354883	UP	289.2164	289.2164
613	M516T30_	137.2491	7.100653	3.018406	0.039225	0.354883	UP	516.1133	516.1126
614	M331T27_	16.77264	4.068038	3.012551	0.039231	0.354883	UP	331.2327	331.227
615	M203T37	5.241361	2.389942	3.006604	0.039258	0.354883	UP	203.143	203.1429
616	M333T37_	21.57481	4.431276	2.99821	0.039268	0.354883	UP	333.0999	333.095
617	M352T31	94.05061	6.555365	3.015855	0.039286	0.354884	UP	352.2566	352.2563
618	M324T35	18.26576	4.19107	3.002924	0.039345	0.354884	UP	324.2617	324.2616
619	M247T30	9.072769	3.181543	2.999939	0.039374	0.354885	UP	247.1695	247.1694
620	M381T25_	32.81076	5.036097	3.013181	0.039386	0.354885	UP	381.2277	381.2276
621	M379T29_	18.16486	4.183078	3.011899	0.039387	0.354885	UP	379.212	379.2117
622	M389T22_	16.82285	4.07235	2.967936	0.039446	0.354886	UP	389.1414	389.1411
623	M151T39	4.019433	2.006992	2.999832	0.03945	0.354886	UP	151.1117	151.1116
624	M943T32	2.332789	1.222056	2.497096	0.039488	0.354886	UP	942.6376	942.6363
625	M413T30_	5.11428	2.354531	2.566206	0.039491	0.354886	UP	413.0684	413.0677
626	M373T33_	12.0864	3.595313	3.001205	0.039581	0.354887	UP	373.1668	373.1667
627	M883T41	4.894116	2.291048	2.700236	0.03972	0.354889	UP	883.1617	883.1613
628	M855T41	5.755654	2.52498	2.705321	0.039728	0.354889	UP	855.1667	855.1665
629	M493T24_	18.16093	4.182766	3.004109	0.039761	0.354889	UP	493.2733	493.2731
630	M552T44	5.18016	-2.373	-2.99419	0.039799	0.35489	DOWN	552.4379	552.4372
631	M1207T44	7.881225	2.97842	2.79618	0.039814	0.35489	UP	1206.742	1206.742
632	M283T19_	3.755169	1.908878	2.989147	0.039939	0.354892	UP	283.1543	283.1542
633	M562T33_	91.28834	6.512359	2.999542	0.039939	0.354892	UP	562.119	562.119
634	M341T31_	28.92656	4.854323	2.999284	0.039952	0.354892	UP	341.209	341.2089
635	M470T21	3.157948	-1.65899	-2.62509	0.039964	0.354892	DOWN	470.1526	470.1516
636	M435T37	18.88713	4.239331	2.992344	0.040137	0.354894	UP	435.1675	435.1674
637	M207T27_	6.148432	2.620219	2.99022	0.040142	0.354894	UP	207.1018	207.1017
638	M1041T44	4.610184	2.204824	2.614927	0.040163	0.354894	UP	1040.731	1040.731
639	M272T3	1.49726	0.582325	2.526526	0.040169	0.354894	UP	271.9165	271.9164
640	M332T37_	220.4229	7.784131	2.992951	0.040218	0.354895	UP	332.4793	332.4791
641	M398T32	6.879534	2.782311	2.626559	0.040248	0.354895	UP	397.5712	397.5712
642	M553T34_	2.637744	-1.3993	-2.70934	0.040262	0.354895	DOWN	553.4682	553.4677
643	M362T44	4.206696	-2.07269	-2.94831	0.040292	0.354896	DOWN	362.1848	362.1841
644	M403T44_	2.615305	-1.38698	-2.9592	0.040386	0.354897	DOWN	403.2109	403.2104
645	M642T24	12.75117	3.672558	2.968304	0.040407	0.354897	UP	642.343	642.3429
646	M865T45	4.401045	2.137846	2.760269	0.040531	0.354899	UP	864.6264	864.626
647	M351T31_	119.2146	6.897417	2.984384	0.040557	0.354899	UP	351.2533	351.2531
648	M321T34	54.47176	5.767437	2.982867	0.040591	0.354899	UP	321.2427	321.2427
649	M416T33_	10.83216	3.437248	2.977714	0.040652	0.3549	UP	416.1885	416.1885
650	M319T29_	4.114506	2.040719	2.439388	0.04071	0.354901	UP	318.588	318.5877
651	M337T3	509.3223	8.992435	2.9783	0.040807	0.354902	UP	336.8029	336.8027
652	M307T36_	103.7544	6.697028	2.977756	0.040826	0.354902	UP	307.227	307.227
653	M715T31_	11.65686	-3.54311	-2.94306	0.040835	0.354902	DOWN	715.1766	715.1765
654	M400T20	9.359556	-3.22644	-2.94694	0.040844	0.354902	DOWN	400.1273	400.1267
655	M813T33	2.151092	1.105069	2.473219	0.040847	0.354902	UP	812.5651	812.5633
656	M460T43	1.50993	0.594481	2.484605	0.040879	0.354903	UP	460.2775	460.2768
657	M375T34	57.19912	5.837921	2.976183	0.040886	0.354903	UP	375.1619	375.1619

658	M177T31	2.834409	1.503048	2.895577	0.040925	0.354903	UP	177.0911	177.091
659	M374T32_	5.388872	2.429983	2.96161	0.04099	0.354904	UP	374.1499	374.145
660	M403T30_	4.367615	2.126846	2.872891	0.041052	0.354905	UP	403.1569	403.1568
661	M335T37_	51.72641	5.692829	2.97174	0.041069	0.354905	UP	335.2487	335.2486
662	M286T33_	2.042571	-1.03039	-2.68627	0.041084	0.354905	DOWN	286.3104	286.31
663	M333T37_	51.23516	5.679062	2.971426	0.041086	0.354905	UP	333.0442	333.0429
664	M568T31_	4.59526	2.200147	2.444925	0.041123	0.354905	UP	568.0978	568.0974
665	M355T37	174.3931	7.446199	2.970235	0.041134	0.354905	UP	355.2243	355.2242
666	M179T24	4.516255	2.175127	2.96261	0.041151	0.354906	UP	179.1068	179.1067
667	M433T37_	200.4549	7.647134	2.969783	0.041153	0.354906	UP	433.1672	433.167
668	M367T22	6.955898	2.798237	2.941858	0.041181	0.354906	UP	367.2484	367.2483
669	M448T45	1.291725	0.369299	2.441239	0.041184	0.354906	UP	447.8494	447.8483
670	M259T3	9.410844	3.234324	2.955856	0.04125	0.354907	UP	258.8861	258.8858
671	M522T33	239.5164	7.903981	2.967338	0.041251	0.354907	UP	522.0956	522.0956
672	M337T24_	4.840227	2.275075	2.881159	0.041281	0.354907	UP	337.2376	337.2373
673	M855T33	2.081549	1.057657	2.461765	0.041295	0.354907	UP	854.585	854.5833
674	M217T31	2.783181	1.476735	2.838781	0.041311	0.354907	UP	217.1589	217.1587
675	M159T37	23.52203	4.555941	2.961156	0.041326	0.354908	UP	159.0452	159.0452
676	M512T23_	22.91069	4.517949	2.961973	0.041341	0.354908	UP	512.2871	512.2869
677	M473T31	32.63658	-5.02842	-2.96435	0.041354	0.354908	DOWN	473.1616	473.1616
678	M424T22	18.73225	-4.22745	-2.95534	0.04137	0.354908	DOWN	424.2054	424.2045
679	M389T26_	4.144411	2.051167	2.904162	0.041534	0.35491	UP	389.1618	389.1614
680	M815T27	15.63891	3.967068	2.929969	0.041546	0.35491	UP	814.9333	814.9333
681	M284T37	6.253503	2.644665	2.954178	0.041549	0.35491	UP	284.2091	284.209
682	M881T41	8.704692	3.121793	2.836131	0.041625	0.354911	UP	881.1669	881.1667
683	M349T30_	185.4394	7.534804	2.957964	0.041638	0.354911	UP	349.2378	349.2376
684	M662T43	3.093511	1.629245	2.425589	0.041639	0.354911	UP	661.9628	661.9624
685	M578T26	10.61271	-3.40772	-2.93134	0.041683	0.354912	DOWN	578.224	578.2238
686	M417T33	14.10191	3.817819	2.947853	0.041711	0.354912	UP	417.1921	417.1919
687	M303T38	18.56448	4.214473	2.955419	0.04174	0.354912	UP	303.2321	303.232
688	M441T31	161.1502	7.332262	2.954886	0.041763	0.354912	UP	441.1339	441.1336
689	M713T43_	1.397807	0.483165	2.437567	0.041807	0.354913	UP	713.01	713.009
690	M630T31_	21.54173	-4.42906	-2.95136	0.041827	0.354913	DOWN	630.2355	630.2351
691	M700T31_	47.74074	5.577149	2.949029	0.041951	0.354914	UP	700.3423	700.3422
692	M336T39_	145.7028	7.186884	2.950032	0.041958	0.354915	UP	336.2617	336.2616
693	M336T37_	233.8695	7.86956	2.949985	0.041968	0.354915	UP	336.0264	336.0263
694	M658T21	99.3143	6.63393	2.947859	0.042036	0.354915	UP	658.3386	658.3384
695	M293T18	4.722858	-2.23966	-2.8045	0.04208	0.354916	DOWN	293.0845	293.0843
696	M643T23	41.35047	5.369832	2.945651	0.04214	0.354916	UP	643.3463	643.3462
697	M320T33_	204.705	7.677402	2.944081	0.042212	0.354917	UP	319.5782	319.5782
698	M518T31_	247.721	7.952572	2.94169	0.042317	0.354918	UP	518.0791	518.0789
699	M280T16	5.970212	2.577782	2.869416	0.042318	0.354918	UP	280.097	280.0963
700	M310T37	10.63369	3.410571	2.929746	0.042359	0.354919	UP	310.2459	310.2458
701	M498T20	19.8472	4.310863	2.933219	0.04236	0.354919	UP	498.2719	498.2717
702	M596T27_	26.36014	4.720286	2.931086	0.042413	0.354919	UP	596.0601	596.06
703	M248T30_	11.37316	3.507561	2.914354	0.042416	0.354919	UP	248.1729	248.1728
704	M769T33	2.099927	1.070339	2.493915	0.042421	0.354919	UP	768.5387	768.5378

705	M441T33_	6.553285	2.712218	2.840219	0.042489	0.35492	UP	441.3213	441.3204
706	M714T31	17.72208	-4.14748	-2.93166	0.042497	0.35492	DOWN	714.1739	714.1735
707	M577T22	4.721183	2.239148	2.550854	0.042513	0.35492	UP	576.8487	576.8479
708	M335T39_	3433.42	11.74543	2.936543	0.042535	0.354921	UP	335.2581	335.2579
709	M785T44	7.815013	2.966248	2.736002	0.042667	0.354922	UP	785.2683	785.2678
710	M389T26_	14.10023	3.817646	2.911108	0.042682	0.354922	UP	389.1415	389.1413
711	M637T31	330.8534	8.370048	2.932633	0.042701	0.354922	UP	637.0126	637.0123
712	M342T31_	45.43686	5.505791	2.92992	0.042751	0.354923	UP	342.2123	342.2122
713	M390T37_	1.429709	-0.51572	-2.49526	0.042755	0.354923	DOWN	390.1699	390.1698
714	M764T29	37.64596	-5.23442	-2.92487	0.042814	0.354924	DOWN	764.1724	764.1723
715	M264T22_	111.9695	6.806962	2.928892	0.042858	0.354924	UP	264.0685	264.0682
716	M437T37	9.034241	3.175403	2.898699	0.042868	0.354924	UP	437.1631	437.1628
717	M793T34	2.096983	-1.06832	-2.54711	0.043027	0.354926	DOWN	793.4413	793.4405
718	M293T34_	34.79328	5.120737	2.920686	0.043034	0.354926	UP	293.175	293.1746
719	M967T44	1.602154	0.680013	2.40187	0.04307	0.354926	UP	966.7216	966.7202
720	M406T18_	5.309106	-2.40847	-2.75101	0.043152	0.354927	DOWN	405.9818	405.9814
721	M336T39_	1618.487	10.66043	2.921895	0.043162	0.354927	UP	336.2616	336.2613
722	M545T31	59.09301	5.884916	2.920028	0.043163	0.354927	UP	545.0933	545.0928
723	M750T44	2.671259	1.41752	2.723524	0.043164	0.354927	UP	750.3895	750.389
724	M621T31	29.50655	-4.88296	-2.91653	0.043351	0.354929	DOWN	621.2482	621.2482
725	M347T25_	20.98693	4.391419	2.904383	0.043357	0.354929	UP	347.2222	347.2218
726	M454T9_2	2.182727	-1.12613	-2.40419	0.043373	0.354929	DOWN	453.6826	453.6717
727	M447T45	1.240712	0.311168	2.396859	0.043393	0.35493	UP	447.3476	447.3466
728	M365T26_	108.0974	6.756188	2.91573	0.043426	0.35493	UP	365.2327	365.2326
729	M407T27	8.331197	3.058524	2.849529	0.043471	0.35493	UP	407.1366	407.1364
730	M309T38	23.58628	4.559876	2.914518	0.043479	0.35493	UP	309.2427	309.2426
731	M779T43_	1.598893	0.677074	2.439982	0.043479	0.35493	UP	778.5482	778.5467
732	M558T28	7.648763	-2.93523	-2.85767	0.043559	0.354931	DOWN	558.2341	558.234
733	M167T27	3.423912	-1.77565	-2.83754	0.043565	0.354931	DOWN	167.0339	167.0338
734	M303T30	4.645232	2.215751	2.766708	0.043581	0.354931	UP	303.2322	303.232
735	M323T33_	13.9497	3.802162	2.893103	0.04366	0.354932	UP	322.9203	322.9202
736	M400T38	1.335899	-0.41781	-2.39855	0.043661	0.354932	DOWN	400.3784	400.3778
737	M811T33	2.043766	1.03123	2.483298	0.043706	0.354933	UP	810.5586	810.5569
738	M475T25	3.571038	1.836344	2.747242	0.043706	0.354933	UP	475.161	475.1607
739	M947T44	3.906871	1.966014	2.578307	0.043768	0.354933	UP	946.5589	946.5576
740	M693T31	70.91197	6.147957	2.907481	0.043772	0.354933	UP	693.3666	693.3665
741	M349T30_	20.03203	4.324237	2.883116	0.043847	0.354934	UP	349.1313	349.131
742	M191T3	4.122151	2.043397	2.759773	0.043862	0.354934	UP	190.9875	190.9875
743	M524T23	18.98905	-4.2471	-2.89138	0.043874	0.354934	DOWN	524.1339	524.1327
744	M687T31	6.239857	2.641513	2.539707	0.043959	0.354935	UP	686.9399	686.9386
745	M303T39_	59.54968	5.896022	2.901662	0.044041	0.354936	UP	303.232	303.2319
746	M486T38	1.415641	-0.50146	-2.60042	0.044042	0.354936	DOWN	486.1255	486.125
747	M348T25	22.29046	4.478355	2.897243	0.044046	0.354936	UP	348.1262	348.126
748	M179T39	9.541928	3.254281	2.899541	0.044092	0.354936	UP	179.1067	179.1065
749	M303T37_	68.43683	6.096701	2.90001	0.044118	0.354937	UP	302.7393	302.7391
750	M407T36	11.13656	3.477232	2.893922	0.044121	0.354937	UP	407.1517	407.1516
751	M356T37	86.88115	6.440971	2.899661	0.044126	0.354937	UP	356.2276	356.2275

752	M459T33_	7.011092	2.809639	2.824624	0.044134	0.354937	UP	459.3512	459.3507
753	M504T31	60.2909	5.913868	2.897586	0.044164	0.354937	UP	504.1079	504.1077
754	M195T37_	1.891088	-0.91922	-2.70005	0.044167	0.354937	DOWN	195.0846	195.0846
755	M490T27_	38.65919	5.27274	2.894443	0.044292	0.354938	UP	490.1529	490.1529
756	M560T32_	53.15322	5.732085	2.89373	0.044326	0.354939	UP	560.1033	560.1028
757	M534T31_	3.929556	-1.97437	-2.80313	0.044369	0.354939	DOWN	534.2957	534.2892
758	M477T22	3.744906	1.90493	2.45016	0.044389	0.354939	UP	476.9236	476.9229
759	M179T33	4.869678	2.283827	2.890278	0.044511	0.354941	UP	179.1068	179.1067
760	M695T23	73.08407	6.191485	2.888267	0.044632	0.354942	UP	695.2501	695.2497
761	M649T44	2.384639	1.253771	2.452644	0.044676	0.354942	UP	649.4609	649.4601
762	M301T32	20.18955	4.335537	2.886451	0.044705	0.354942	UP	301.2166	301.2165
763	M515T16	3.130391	1.646343	2.524435	0.044708	0.354942	UP	514.861	514.8609
764	M410T19_	18.22755	4.188049	2.86814	0.044709	0.354942	UP	410.2905	410.2901
765	M349T26	20.67578	4.36987	2.883412	0.044728	0.354943	UP	349.2014	349.2012
766	M591T32_	2.739902	1.454125	2.391037	0.044736	0.354943	UP	590.9021	590.9011
767	M780T39	93.22957	6.542716	2.882847	0.044859	0.354944	UP	780.0483	780.0481
768	M563T33	270.191	8.077836	2.882295	0.044908	0.354944	UP	563.1225	563.1221
769	M247T24_	6.065776	2.600692	2.652672	0.044932	0.354945	UP	246.5974	246.5973
770	M331T35_	15.76341	3.978508	2.878344	0.04498	0.354945	UP	331.2269	331.2269
771	M594T31_	36.30132	-5.18195	-2.8765	0.04502	0.354945	DOWN	594.2294	594.2291
772	M216T39	526.7512	9.040978	2.878061	0.045101	0.354946	UP	215.6055	215.6054
773	M608T29	5.780718	-2.53125	-2.79629	0.045282	0.354948	DOWN	608.2499	608.2494
774	M595T27_	17.89892	4.161801	2.862478	0.045286	0.354948	UP	595.0775	595.0765
775	M491T26_	3.19544	1.676015	2.408354	0.045301	0.354948	UP	491.1798	491.1795
776	M673T34_	11.61467	3.537876	2.83894	0.045303	0.354948	UP	672.5265	672.5252
777	M246T24	4.137277	2.048681	2.475683	0.04549	0.35495	UP	246.0956	246.0954
778	M475T31	25.96705	4.69861	2.844325	0.045559	0.35495	UP	474.7106	474.7103
779	M350T31_	13.94466	3.80164	2.830288	0.045619	0.354951	UP	350.1496	350.1495
780	M418T22_	8.251442	3.044646	2.850373	0.045767	0.354952	UP	418.2805	418.2804
781	M737T31	269.4536	8.073893	2.862934	0.045792	0.354953	UP	736.9377	736.9373
782	M667T44	2.911852	1.541937	2.372822	0.045833	0.354953	UP	667.3322	667.3313
783	M337T39_	675.1649	9.399096	2.861529	0.045858	0.354953	UP	337.0468	337.0466
784	M307T19_	80.31282	6.327558	2.859972	0.045921	0.354954	UP	307.063	307.0629
785	M489T38	4.184632	-2.0651	-2.81256	0.046026	0.354955	DOWN	489.0835	489.0834
786	M512T11_	2.92764	-1.54974	-2.49942	0.046089	0.354955	DOWN	512.1628	512.1616
787	M578T27	2.490993	-1.31672	-2.50176	0.046122	0.354956	DOWN	578.276	578.2759
788	M411T21_	16.46183	4.041053	2.851683	0.046155	0.354956	UP	411.1835	411.1833
789	M284T19	5.498913	2.459146	2.83813	0.046188	0.354956	UP	284.1576	284.1575
790	M368T22_	21.09773	4.399016	2.840158	0.046218	0.354956	UP	368.2519	368.2517
791	M414T30_	5.276213	2.399503	2.451383	0.04625	0.354957	UP	414.0719	414.0715
792	M779T43_	1.684686	0.752479	2.487134	0.046307	0.354957	UP	779.0498	779.0492
793	M338T33	52.11582	5.703649	2.847519	0.046365	0.354958	UP	338.2693	338.269
794	M363T22_	27.78534	4.796252	2.848381	0.046462	0.354959	UP	363.217	363.2169
795	M302T38	7.03013	2.813551	2.846432	0.046475	0.354959	UP	302.2197	302.2196
796	M353T26	62.57658	5.967551	2.8464	0.046493	0.354959	UP	353.269	353.2689
797	M764T31_	51.69965	5.692083	2.8454	0.046497	0.354959	UP	764.018	764.0177
798	M394T39_	31.37597	4.971588	2.846353	0.046503	0.354959	UP	394.3315	394.3311

799	M568T24	18.80255	4.232856	2.821844	0.046553	0.354959	UP	568.0696	568.0692
800	M826T11_	7.229491	2.853894	2.623527	0.046724	0.354961	UP	826.0197	826.0189
801	M333T39_	532.6598	9.057071	2.842629	0.046743	0.354961	UP	333.4836	333.4834
802	M336T38	157.4088	7.298372	2.842046	0.046767	0.354961	UP	336.2617	336.2617
803	M606T29	6.442303	-2.68758	-2.75542	0.046975	0.354963	DOWN	606.2532	606.2526
804	M899T33	2.052466	1.037358	2.35017	0.047002	0.354963	UP	898.6112	898.6099
805	M281T14	29.77708	4.89613	2.826176	0.047036	0.354964	UP	281.0474	281.0473
806	M618T44	5.059721	-2.33906	-2.79502	0.047064	0.354964	DOWN	618.4251	618.424
807	M403T25	9.221218	3.204957	2.650796	0.047079	0.354964	UP	403.1208	403.1207
808	M691T31	1007.967	9.977233	2.835262	0.047093	0.354964	UP	691.3667	691.3658
809	M375T31_	4.981216	2.316498	2.807143	0.047107	0.354964	UP	375.2473	375.2471
810	M726T33	2.619653	1.389376	2.343781	0.047137	0.354964	UP	725.5146	725.5126
811	M429T42	1.21743	0.283839	2.359964	0.047155	0.354965	UP	429.3	429.299
812	M483T44_	8.325543	3.057544	2.682163	0.047183	0.354965	UP	483.1126	483.112
813	M262T23	12.36888	3.628643	2.826503	0.047187	0.354965	UP	262.0865	262.0863
814	M391T16_	1.904466	-0.92939	-2.45126	0.047286	0.354966	DOWN	391.2957	391.2956
815	M368T19	21.35925	4.416789	2.829942	0.047289	0.354966	UP	368.2337	368.2336
816	M307T36_	9.403322	3.233171	2.828216	0.047324	0.354966	UP	307.2271	307.2269
817	M514T11_	3.611618	-1.85265	-2.55238	0.047472	0.354967	DOWN	514.1597	514.1584
818	M551T44_	3.906317	-1.96581	-2.81032	0.04755	0.354968	DOWN	551.4349	551.4338
819	M331T30_	12.50264	3.644161	2.811338	0.047612	0.354968	UP	331.2271	331.2268
820	M332T38	1.668111	0.738215	2.482323	0.047653	0.354969	UP	332.1561	332.1558
821	M601T24_	15.05679	3.912342	2.781556	0.047745	0.35497	UP	601.0679	601.0679
822	M581T37	52.06275	5.70218	2.819016	0.047776	0.35497	UP	581.0971	581.0969
823	M322T31	3.03496	1.601677	2.498966	0.047836	0.35497	UP	321.9001	321.9001
824	M237T33	3.736364	1.901635	2.769403	0.047846	0.35497	UP	237.1851	237.1851
825	M349T39	6.019958	2.589754	2.802035	0.047891	0.354971	UP	349.2373	349.2371
826	M338T39_	6.109293	2.611006	2.718517	0.047892	0.354971	UP	338.2686	338.2644
827	M315T30_	3.178611	1.668396	2.417238	0.047914	0.354971	UP	314.7579	314.7576
828	M405T10_	3.48153	1.799721	2.444906	0.04794	0.354971	UP	404.7862	404.7858
829	M323T35_	16.18336	4.01644	2.811063	0.047995	0.354972	UP	323.2582	323.2582
830	M482T32_	4.083334	-2.02975	-2.6675	0.0481	0.354972	DOWN	482.3606	482.3597
831	M383T31_	40.27606	5.331851	2.813408	0.048105	0.354973	UP	383.1375	383.1373
832	M1449T43	3.860719	1.948869	2.544572	0.048137	0.354973	UP	1449.004	1449.001
833	M519T33	7.532404	2.91311	2.755448	0.04815	0.354973	UP	519.097	519.097
834	M563T26	5.377692	2.426987	2.529879	0.048212	0.354973	UP	562.8695	562.8684
835	M335T25_	22.65937	4.502036	2.805386	0.048261	0.354974	UP	335.2221	335.222
836	M379T25	112.6552	6.81577	2.810509	0.048291	0.354974	UP	379.212	379.2117
837	M492T32	2.012615	-1.00907	-2.50184	0.048296	0.354974	DOWN	492.3458	492.3454
838	M606T27_	11.17709	-3.48247	-2.78943	0.048322	0.354974	DOWN	606.2339	606.2335
839	M319T24	10.85324	3.440054	2.775148	0.048486	0.354976	UP	319.227	319.2268
840	M778T43_	1.555951	0.637796	2.339395	0.048487	0.354976	UP	778.0467	778.0453
841	M307T14	14.63524	3.871374	2.761076	0.048518	0.354976	UP	307.0743	307.0742
842	M485T33	5.434614	2.442178	2.681424	0.048593	0.354976	UP	485.3476	485.3468
843	M565T23	71.74216	6.164749	2.801171	0.048732	0.354978	UP	565.2034	565.2031
844	M381T31_	24.463	4.61253	2.789334	0.048755	0.354978	UP	381.1406	381.1403
845	M415T24_	26.53905	4.730045	2.800573	0.048766	0.354978	UP	415.2522	415.252

846	M616T44	3.958578	-1.98498	-2.79082	0.048797	0.354978	DOWN	616.4282	616.4271
847	M528T44_	1.435355	-0.52141	-2.47346	0.048823	0.354978	DOWN	528.3015	528.3007
848	M692T31	50.3331	5.653436	2.798927	0.048853	0.354979	UP	692.3702	692.3698
849	M606T27_	11.49659	-3.52313	-2.79029	0.048938	0.354979	DOWN	606.2381	606.2381
850	M709T26	5.592977	2.483616	2.41972	0.049016	0.35498	UP	708.8	708.7995
851	M539T34	32.82869	5.036885	2.789108	0.049166	0.354981	UP	539.0301	539.03
852	M522T31_	17.57179	4.135189	2.785762	0.049218	0.354981	UP	522.0805	522.0804
853	M491T42	1.530954	-0.61443	-2.46444	0.049277	0.354982	DOWN	491.0812	491.08
854	M372T31	4.753754	2.249067	2.587763	0.049332	0.354982	UP	372.1501	372.1497
855	M347T39_	58.01317	5.858309	2.78737	0.049432	0.354983	UP	347.2582	347.2582
856	M481T43_	1.350581	0.43358	2.332418	0.049665	0.354985	UP	480.6823	480.6814
857	M219T39	11.18251	3.483172	2.768575	0.04968	0.354985	UP	219.1743	219.1742
858	M200T31_	49.38446	5.625985	2.781237	0.04971	0.354985	UP	199.6039	199.6038
859	M393T27_	11.85317	3.567201	2.778625	0.049846	0.354986	UP	393.1728	393.1725
860	M374T26	3.336921	1.738517	2.326119	0.049919	0.354987	UP	374.1419	374.1413
861	M445T27	2.256005	1.17377	2.52296	0.049938	0.354987	UP	445.2547	445.2546
862	M294T34	26.7549	4.741731	2.773303	0.050138	0.354989	UP	294.1783	294.1782
863	M747T29	3.448193	1.78584	2.403284	0.050144	0.354989	UP	747.1941	747.1938
864	M315T37	3.843252	1.942328	2.753427	0.050218	0.354989	UP	315.2321	315.232
865	M265T3	86.67729	6.437582	2.771202	0.050262	0.35499	UP	264.8729	264.8728
866	M627T23	4.090351	2.032225	2.587704	0.050297	0.35499	UP	627.3265	627.3258
867	M347T39_	44.754	5.483945	2.769862	0.05032	0.35499	UP	347.2581	347.258
868	M243T23	2.389648	1.256798	2.441455	0.050337	0.35499	UP	243.1592	243.1592
869	M534T33_	47.5822	5.57235	2.766195	0.05038	0.35499	UP	534.1246	534.1242
870	M339T24	34.48792	5.108019	2.767712	0.050436	0.354991	UP	339.217	339.2169
871	M663T26	98.53139	6.622512	2.766904	0.050491	0.354991	UP	663.2294	663.2289
872	M331T22_	3.679533	-1.87952	-2.61624	0.050533	0.354992	DOWN	331.1102	331.11
873	M379T26_	27.07616	4.758951	2.765001	0.05055	0.354992	UP	379.212	379.2118
874	M328T11	3.327075	1.734254	2.645337	0.050604	0.354992	UP	328.1996	328.1986
875	M409T3	14.56718	3.86465	2.762615	0.050657	0.354992	UP	408.7876	408.7875
876	M786T30	2.568787	-1.36109	-2.36876	0.050662	0.354993	DOWN	786.1927	786.1923
877	M536T31	57.01241	5.833204	2.762687	0.050683	0.354993	UP	536.1029	536.1025
878	M778T37	237.3698	7.890993	2.762127	0.050737	0.354993	UP	778.0323	778.032
879	M304T39	9.165981	3.196289	2.760521	0.050739	0.354993	UP	304.2354	304.2352
880	M411T44	2.281879	1.190222	2.655975	0.05078	0.354993	UP	411.2305	411.2303
881	M549T44_	1.374504	0.458911	2.304914	0.050795	0.354993	UP	549.4015	549.4009
882	M597T44	8.306915	-3.05431	-2.74032	0.050808	0.354994	DOWN	597.3828	597.3824
883	M305T35	10.69136	3.418373	2.738724	0.050814	0.354994	UP	305.2478	305.2478
884	M249T24_	27.5014	4.781433	2.759187	0.050869	0.354994	UP	249.1487	249.1486
885	M284T22	3.058283	-1.61272	-2.62669	0.050967	0.354995	DOWN	284.1172	284.1077
886	M181T34	24.34007	4.605261	2.755998	0.050971	0.354995	UP	181.0496	181.0492
887	M519T31_	5.05868	-2.33876	-2.64082	0.051006	0.354995	DOWN	519.3248	519.3237
888	M604T27_	9.644812	-3.26975	-2.70198	0.051015	0.354995	DOWN	604.2399	604.2394
889	M352T39_	56.79868	5.827786	2.756177	0.051018	0.354995	UP	352.2848	352.2847
890	M336T37_	113.9792	6.832627	2.755279	0.051097	0.354996	UP	335.6684	335.6684
891	M294T11	22.31507	4.479946	2.747412	0.051106	0.354996	UP	294.0431	294.0423
892	M228T14_	14.27084	3.834999	2.727914	0.051117	0.354996	UP	228.1312	228.1312

893	M676T29_	6.046789	-2.59617	-2.62733	0.051162	0.354996	DOWN	676.2371	676.2367
894	M338T34_	64.26625	6.005989	2.75289	0.051185	0.354996	UP	338.2692	338.2691
895	M290T35	2.546009	-1.34824	-2.33434	0.05121	0.354997	DOWN	290.248	290.2478
896	M591T31_	315.12	8.299758	2.752753	0.051229	0.354997	UP	591.007	591.007
897	M435T31_	3.804246	1.927611	2.32029	0.051281	0.354997	UP	435.027	435.0268
898	M345T36	1.79552	-0.8444	-2.398	0.051307	0.354997	DOWN	345.1826	345.1825
899	M420T10_	2.639344	1.40018	2.347067	0.051344	0.354997	UP	420.2964	420.2954
900	M587T31	23.91887	4.580077	2.745017	0.051344	0.354998	UP	587.0644	587.0632
901	M566T33	53.98025	5.75436	2.748535	0.051392	0.354998	UP	566.1146	566.1135
902	M403T33_	1.459764	-0.54574	-2.34246	0.051459	0.354998	DOWN	403.3611	403.3607
903	M467T27_	22.07986	4.464659	2.73588	0.051607	0.354999	UP	467.0452	467.0446
904	M649T31	10.85181	3.439864	2.6396	0.051608	0.354999	UP	649.0352	649.0348
905	M242T23_	18.12118	4.179605	2.730762	0.051707	0.355	UP	241.5733	241.5732
906	M377T35_	56.80427	5.827928	2.743171	0.051728	0.355	UP	377.1776	377.1775
907	M151T38	3.701429	1.888082	2.727501	0.05176	0.355	UP	151.1117	151.1116
908	M343T23	8.89216	3.152534	2.736748	0.051794	0.355001	UP	343.1207	343.1206
909	M449T22_	3.688143	1.882895	2.346511	0.051814	0.355001	UP	448.9286	448.9281
910	M433T38	35.33746	5.143126	2.741246	0.051814	0.355001	UP	433.1672	433.1671
911	M503T33	6.058227	2.598896	2.655284	0.051838	0.355001	UP	503.3775	503.3768
912	M716T31	61.83254	-5.95029	-2.73784	0.052011	0.355002	DOWN	716.172	716.1715
913	M491T24_	3.821155	1.934009	2.338989	0.052028	0.355002	UP	491.184	491.1836
914	M739T31	101.7728	6.669208	2.735978	0.052116	0.355003	UP	738.9379	738.9372
915	M334T39_	142.1399	7.151167	2.734491	0.052193	0.355004	UP	333.8379	333.8377
916	M704T31_	2.230004	-1.15705	-2.28377	0.052241	0.355004	DOWN	704.1842	704.1826
917	M425T22	1.873513	-0.90575	-2.34448	0.052314	0.355004	DOWN	425.0106	425.0103
918	M395T21_	6.192658	2.630559	2.641649	0.052349	0.355005	UP	395.207	395.2065
919	M357T39_	55.03482	5.782273	2.731418	0.052359	0.355005	UP	357.24	357.2398
920	M791T31	3000.829	11.55115	2.73137	0.052369	0.355005	UP	791.292	791.2916
921	M335T38_	102.3261	6.67703	2.730912	0.052385	0.355005	UP	335.0151	335.015
922	M603T27	9.613877	-3.26512	-2.7209	0.052418	0.355005	DOWN	603.2461	603.2458
923	M712T31	3.451231	-1.78711	-2.51715	0.052442	0.355005	DOWN	712.181	712.1767
924	M518T31_	4.852386	-2.27869	-2.61811	0.052442	0.355005	DOWN	518.3216	518.3204
925	M387T31_	2.867882	-1.51999	-2.50928	0.052464	0.355005	DOWN	387.0781	387.0774
926	M431T25_	8.859246	3.147184	2.718396	0.052546	0.355006	UP	431.1714	431.1711
927	M308T36	15.53676	3.957614	2.726718	0.052551	0.355006	UP	308.2304	308.2303
928	M659T35_	5.969862	2.577698	2.699808	0.052561	0.355006	UP	659.4774	659.4767
929	M510T29	2.334217	-1.22294	-2.53762	0.052673	0.355007	DOWN	510.3178	510.317
930	M154T32	4.078101	-2.0279	-2.68373	0.052722	0.355007	DOWN	153.9483	153.9482
931	M631T29_	15.16626	-3.92279	-2.70063	0.052764	0.355007	DOWN	631.2569	631.2562
932	M333T39_	226.8499	7.825594	2.72292	0.052827	0.355008	UP	333.2428	333.2427
933	M654T29	25.01739	-4.64486	-2.70482	0.052858	0.355008	DOWN	654.2553	654.2552
934	M1208T44	3.89013	1.959818	2.353854	0.052963	0.355009	UP	1207.74	1207.739
935	M884T41	4.756506	2.249902	2.486244	0.053028	0.355009	UP	884.165	884.1645
936	M387T29_	5.728956	2.518272	2.63082	0.053062	0.35501	UP	387.2937	387.2935
937	M428T14_	18.01029	4.170749	2.707717	0.053076	0.35501	UP	427.981	427.9808
938	M389T25	29.28162	4.871924	2.71393	0.053104	0.35501	UP	389.1414	389.1412
939	M376T31	4.252052	2.088159	2.676969	0.053186	0.35501	UP	376.1501	376.1499

940	M695T31_	52.06505	5.702243	2.714711	0.053209	0.355011	UP	695.3629	695.3624
941	M471T21_	2.625743	1.392726	2.444312	0.053224	0.355011	UP	471.1943	471.1929
942	M1446T44	3.408051	1.768947	2.307454	0.053235	0.355011	UP	1445.971	1445.97
943	M475T33_	17.13926	4.099233	2.685824	0.053276	0.355011	UP	475.0865	475.0864
944	M486T33	6.316914	2.65922	2.683534	0.053282	0.355011	UP	486.3507	486.3503
945	M339T21	253.9016	7.988126	2.713619	0.053337	0.355011	UP	339.2536	339.2532
946	M598T43	1.706297	0.770869	2.316765	0.053338	0.355011	UP	598.4889	598.4881
947	M917T44	3.599936	1.847971	2.458203	0.053381	0.355012	UP	916.5994	916.5992
948	M331T38	298.7753	8.222917	2.712164	0.053416	0.355012	UP	331.484	331.4839
949	M161T39	9.958713	3.315959	2.710829	0.053445	0.355012	UP	161.096	161.0959
950	M598T9_1	5.943173	2.571233	2.625203	0.053634	0.355013	UP	598.361	598.3607
951	M1055T44	1.750438	0.807716	2.28297	0.053645	0.355013	UP	1054.775	1054.773
952	M1362T43	2.458419	1.297731	2.289699	0.053648	0.355013	UP	1361.955	1361.953
953	M856T33	2.038742	1.027679	2.267004	0.05366	0.355014	UP	855.5884	855.5873
954	M512T20	3.483633	-1.80059	-2.65283	0.053737	0.355014	DOWN	512.2347	512.2341
955	M560T31_	129.7539	7.019634	2.706056	0.053751	0.355014	UP	560.1035	560.1032
956	M306T23_	5.314472	2.409926	2.346006	0.053879	0.355015	UP	305.545	305.5447
957	M579T37	513.1638	9.003276	2.70371	0.053887	0.355015	UP	579.0975	579.0974
958	M1001T44	2.610455	1.384301	2.319173	0.05391	0.355015	UP	1000.502	1000.501
959	M551T37	192.5829	7.589336	2.702819	0.053935	0.355015	UP	551.1027	551.1025
960	M501T37	9.80821	-3.29399	-2.68686	0.053938	0.355015	DOWN	501.0859	501.0856
961	M374T31_	255.156	7.995236	2.702395	0.053959	0.355015	UP	373.6479	373.6477
962	M416T32_	6.685232	2.740978	2.678463	0.053973	0.355016	UP	416.1733	416.1729
963	M218T24	31.01158	4.954735	2.698368	0.05399	0.355016	UP	217.5851	217.5849
964	M337T39_	268.152	8.066907	2.70135	0.054018	0.355016	UP	336.6873	336.6872
965	M336T37_	13.45008	3.749543	2.698999	0.054025	0.355016	UP	336.2528	336.2516
966	M366T11_	2.522858	1.335059	2.415038	0.054077	0.355016	UP	366.2466	366.2454
967	M636T31	78.73548	6.298942	2.69972	0.054098	0.355016	UP	636.0055	636.0051
968	M385T31_	3.814911	1.931649	2.266781	0.054183	0.355017	UP	385.0649	385.0643
969	M152T37	13.51303	3.756279	2.69172	0.054326	0.355018	UP	152.115	152.115
970	M517T37_	3.349594	1.743986	2.256181	0.054345	0.355018	UP	517.05	517.0496
971	M364T23	7.335536	2.874902	2.681579	0.054364	0.355018	UP	364.2204	364.2202
972	M1097T44	1.805038	0.852029	2.254153	0.054388	0.355018	UP	1096.794	1096.792
973	M335T29_	4.688438	2.229107	2.62817	0.054425	0.355019	UP	335.222	335.2218
974	M335T28	11.47986	3.521033	2.692207	0.054447	0.355019	UP	335.2222	335.222
975	M402T20	3.388097	-1.76048	-2.52152	0.054543	0.355019	DOWN	402.1262	402.1253
976	M213T11_	1.93794	0.954524	2.288215	0.054594	0.35502	UP	213.1488	213.1486
977	M356T38	20.20576	4.336695	2.689485	0.054604	0.35502	UP	356.2277	356.2277
978	M530T26	17.72597	4.147793	2.672045	0.054626	0.35502	UP	530.0929	530.0925
979	M595T31_	33.64012	-5.07211	-2.68741	0.054668	0.35502	DOWN	595.233	595.2324
980	M180T39	18.8162	4.233904	2.685712	0.054678	0.35502	UP	180.11	180.1098
981	M580T37	234.2462	7.871882	2.689304	0.054697	0.35502	UP	580.1007	580.1006
982	M376T33	10.68664	3.417736	2.683674	0.054853	0.355021	UP	376.1654	376.1654
983	M367T24	6.686188	2.741184	2.664595	0.054874	0.355021	UP	367.2482	367.2481
984	M756T43_	1.523572	0.607458	2.261534	0.054881	0.355021	UP	756.0334	756.0321
985	M323T32_	4.80704	2.265149	2.665629	0.054891	0.355021	UP	323.222	323.222
986	M243T22	2.289004	-1.19472	-2.43065	0.054905	0.355022	DOWN	243.0904	243.0899

987	M436T21	2.183154	-1.12641	-2.3761	0.054916	0.355022	DOWN	436.306	436.3057
988	M269T26_	4.566895	2.191214	2.601489	0.055011	0.355022	UP	269.2115	269.2113
989	M378T19	22.05618	4.463111	2.665442	0.055078	0.355023	UP	378.1001	378.1001
990	M461T17	12.55465	3.65015	2.664422	0.05509	0.355023	UP	460.8916	460.8915
991	M514T31	7.509575	2.908731	2.563423	0.055121	0.355023	UP	514.0226	514.0222
992	M259T33	124.8443	6.963986	2.680316	0.055205	0.355023	UP	258.5603	258.5603
993	M224T4	30.98347	4.953427	2.678259	0.055229	0.355024	UP	223.9802	223.9799
994	M655T31_	430.4843	8.749817	2.679688	0.055246	0.355024	UP	655.4775	655.4771
995	M212T10_	143.0565	7.160441	2.679338	0.055262	0.355024	UP	212.0768	212.0766
996	M241T10_	10.15144	3.343612	2.669668	0.055287	0.355024	UP	241.2037	241.2037
997	M364T31_	6.181279	2.627905	2.500175	0.055426	0.355025	UP	364.285	364.2846
998	M490T27_	4.622182	2.208574	2.669645	0.055466	0.355025	UP	490.2954	490.2951
999	M258T31	174.2346	7.444888	2.672847	0.055635	0.355026	UP	257.5524	257.5521
1000	M803T42	1.778714	0.830834	2.306189	0.055647	0.355026	UP	802.59	802.589
1001	M351T34	20.04571	4.325221	2.664837	0.055831	0.355027	UP	351.2533	351.2532
1002	M305T30_	3.762977	1.911874	2.564067	0.055958	0.355028	UP	305.2115	305.2114
1003	M792T31	33.32485	5.058526	2.662368	0.056007	0.355028	UP	792.2952	792.2946
1004	M215T2	15.4885	-3.95313	-2.66524	0.056007	0.355028	DOWN	214.9171	214.9171
1005	M607T24	19.54123	4.288449	2.648455	0.056033	0.355029	UP	607.0635	607.0631
1006	M757T44_	13.27571	3.730717	2.656549	0.056067	0.355029	UP	757.2734	757.2718
1007	M633T29	11.97683	-3.58217	-2.59963	0.056202	0.35503	DOWN	633.2522	633.2516
1008	M337T39_	47.31088	5.5641	2.661426	0.056294	0.35503	UP	337.2645	337.2642
1009	M251T18	3.374787	-1.7548	-2.57439	0.056296	0.35503	DOWN	251.06	251.0598
1010	M492T24_	3.907686	1.966314	2.307271	0.056296	0.35503	UP	492.1876	492.1868
1011	M579T38	152.6477	7.254062	2.661216	0.05631	0.35503	UP	579.0976	579.0975
1012	M193T21	6.840904	-2.77419	-2.63815	0.056322	0.35503	DOWN	192.9762	192.9759
1013	M366T17	3.385171	-1.75923	-2.45306	0.056393	0.355031	DOWN	365.9958	365.9949
1014	M349T25	34.75121	5.118991	2.658191	0.056395	0.355031	UP	349.2014	349.2013
1015	M689T31	75.48323	6.238084	2.659031	0.056427	0.355031	UP	689.3714	689.3711
1016	M598T31_	49.19673	-5.62049	-2.65691	0.056481	0.355031	DOWN	598.2247	598.224
1017	M441T18_	4.059496	2.021301	2.610513	0.056538	0.355032	UP	441.2504	441.2502
1018	M738T29	2.914163	-1.54308	-2.32522	0.05656	0.355032	DOWN	738.1749	738.1747
1019	M353T27	3.237093	1.694699	2.645698	0.056592	0.355032	UP	353.2327	353.2324
1020	M635T31	74.1694	6.212752	2.653092	0.056736	0.355033	UP	635.0175	635.0169
1021	M483T39	12.23244	-3.61264	-2.64181	0.056782	0.355033	DOWN	483.2287	483.2287
1022	M225T18	3.478382	-1.79842	-2.53817	0.056909	0.355034	DOWN	225.046	225.046
1023	M249T24_	29.72344	4.893529	2.650783	0.056913	0.355034	UP	249.1487	249.1487
1024	M654T31	1342.581	10.39079	2.649811	0.056993	0.355034	UP	654.474	654.4737
1025	M378T33	1.690371	-0.75734	-2.23799	0.057009	0.355034	DOWN	378.1658	378.1655
1026	M1234T44	7.730658	2.950591	2.514041	0.057038	0.355035	UP	1233.734	1233.733
1027	M295T31_	4.327002	2.113368	2.635273	0.057047	0.355035	UP	295.2271	295.2269
1028	M349T31_	48.0201	5.585567	2.648263	0.057055	0.355035	UP	349.2377	349.2374
1029	M375T11	2.321412	1.215003	2.221926	0.057056	0.355035	UP	374.9701	374.9697
1030	M578T24	19.86112	4.311875	2.630827	0.057076	0.355035	UP	578.1142	578.1138
1031	M563T37	76.15163	6.250803	2.647174	0.057146	0.355035	UP	563.1252	563.125
1032	M201T21	2.316614	-1.21202	-2.23468	0.057187	0.355035	DOWN	201.0465	201.0464
1033	M468T24	4.733601	2.242938	2.594621	0.057234	0.355036	UP	468.1763	468.1762

1034	M1143T19	3.969652	1.989012	2.295966	0.057257	0.355036	UP	1142.749	1142.749
1035	M773T33	4.443657	2.151747	2.405925	0.057296	0.355036	UP	772.5794	772.5792
1036	M808T44	6.780938	-2.76148	-2.63292	0.057331	0.355036	DOWN	807.6754	807.6744
1037	M430T37	1.242684	-0.31346	-2.22324	0.057337	0.355036	DOWN	430.389	430.3883
1038	M559T30_	4.451114	2.154166	2.23574	0.057358	0.355036	UP	558.9988	558.9984
1039	M340T12_	244.0909	7.931275	2.643337	0.057378	0.355037	UP	340.2024	340.2021
1040	M599T24_	4.547885	2.185196	2.387729	0.05753	0.355037	UP	599.072	599.0719
1041	M427T26	3.239553	1.695795	2.311431	0.057586	0.355038	UP	427.0621	427.0619
1042	M337T26	14.54189	3.862143	2.636361	0.057616	0.355038	UP	337.2377	337.2377
1043	M434T37	7.058553	2.819372	2.635734	0.057721	0.355038	UP	434.1704	434.1703
1044	M303T22_	4.212943	-2.07483	-2.58325	0.057842	0.355039	DOWN	303.1	303.0997
1045	M406T27_	8.173819	3.03101	2.604812	0.057887	0.355039	UP	406.1399	406.1395
1046	M910T31	59.38908	5.892126	2.632953	0.057913	0.35504	UP	910.2317	910.2313
1047	M384T34	36.62597	5.194795	2.631823	0.058036	0.35504	UP	384.2748	384.2746
1048	M593T33	406.1411	8.665837	2.632129	0.058055	0.35504	UP	593.0225	593.0223
1049	M185T3	17.82069	4.155481	2.631455	0.058058	0.35504	UP	184.9856	184.9856
1050	M790T30	47.40113	-5.56685	-2.63055	0.058076	0.355041	DOWN	790.1883	790.188
1051	M356T24_	10.0287	3.326063	2.587014	0.058087	0.355041	UP	356.28	356.2795
1052	M442T33	7.049596	2.817541	2.581691	0.058263	0.355042	UP	442.3246	442.3239
1053	M739T44	2.322387	1.215608	2.206336	0.058415	0.355042	UP	739.3572	739.3563
1054	M633T30	9.974165	-3.3182	-2.58802	0.058439	0.355043	DOWN	633.2723	633.2719
1055	M619T44	4.440679	-2.15078	-2.59491	0.058515	0.355043	DOWN	619.4276	619.4269
1056	M252T18	5.162686	-2.36812	-2.52645	0.058545	0.355043	DOWN	252.0584	252.0577
1057	M1010T44	1.656308	0.727971	2.203246	0.0587	0.355044	UP	1009.745	1009.743
1058	M1445T44	7.45441	2.898094	2.518279	0.058702	0.355044	UP	1444.972	1444.97
1059	M288T32_	4.182791	2.064466	2.565907	0.058703	0.355044	UP	288.1426	288.1425
1060	M448T19_	2.139784	1.097465	2.263115	0.058734	0.355044	UP	448.2181	448.2172
1061	M753T41	8.013591	-3.00245	-2.61917	0.058796	0.355045	DOWN	753.4391	753.4387
1062	M437T39	8.813898	3.13978	2.598842	0.058866	0.355045	UP	437.1831	437.1827
1063	M285T33	3.969907	1.989105	2.595338	0.058922	0.355045	UP	285.2216	285.2216
1064	M560T33	17.66567	4.142877	2.614241	0.058983	0.355046	UP	560.1239	560.1237
1065	M371T30_	15.18534	3.924607	2.61537	0.058984	0.355046	UP	371.2197	371.2194
1066	M319T33	29.82602	4.898499	2.616257	0.059008	0.355046	UP	319.2273	319.2272
1067	M265T22	20.15119	4.332793	2.614189	0.059081	0.355046	UP	265.0718	265.0716
1068	M740T32	20.30779	-4.34396	-2.60803	0.059091	0.355046	DOWN	740.1903	740.1896
1069	M520T26	6.394151	2.676753	2.441704	0.059157	0.355047	UP	520.0723	520.0711
1070	M789T31	476.8872	8.897504	2.613262	0.059216	0.355047	UP	789.2968	789.296
1071	M323T31	4.202458	2.071233	2.208268	0.059237	0.355047	UP	323.0214	323.0213
1072	M349T33	71.53495	6.160576	2.611983	0.059291	0.355047	UP	349.2376	349.2375
1073	M287T23	10.37315	3.374782	2.60114	0.059295	0.355047	UP	287.1563	287.1561
1074	M651T44	1.825251	0.868095	2.207757	0.0595	0.355048	UP	651.3602	651.3596
1075	M431T22_	2.887838	1.52999	2.276383	0.059561	0.355049	UP	430.918	430.9174
1076	M323T33_	6.344784	2.665571	2.566183	0.059572	0.355049	UP	323.2495	323.2495
1077	M382T21	6.307528	2.657075	2.597309	0.059727	0.35505	UP	382.2311	382.2309
1078	M568T42	1.297219	0.375422	2.201743	0.059761	0.35505	UP	568.4003	568.3992
1079	M444T23	102.3145	6.676867	2.603624	0.059802	0.35505	UP	444.147	444.1468
1080	M426T42	1.601983	-0.67986	-2.24919	0.059822	0.35505	DOWN	426.213	426.2126

1081	M309T36	4.053939	2.019324	2.594021	0.059844	0.35505	UP	309.2426	309.2425
1082	M394T39_	38.84843	5.279784	2.597318	0.060172	0.355052	UP	394.3065	394.3062
1083	M337T19	14.00177	3.807537	2.556744	0.060179	0.355052	UP	337.0736	337.0735
1084	M541T44	2.524748	1.336139	2.518014	0.060214	0.355052	UP	541.1504	541.1503
1085	M337T15	71.31082	6.156049	2.596522	0.060246	0.355052	UP	337.0736	337.0736
1086	M521T22	3.718942	1.894892	2.187036	0.060251	0.355052	UP	520.9135	520.9128
1087	M275T39	8.114173	3.020444	2.572209	0.060301	0.355053	UP	275.237	275.2369
1088	M463T30	8.880261	3.150602	2.538276	0.060322	0.355053	UP	463.1417	463.1413
1089	M713T43_	1.425471	0.511439	2.193553	0.060342	0.355053	UP	712.5087	712.5076
1090	M547T44	2.438236	1.285838	2.239951	0.06042	0.355053	UP	547.1444	547.1437
1091	M580T44_	1.286985	0.363996	2.196062	0.060463	0.355053	UP	579.9281	579.927
1092	M312T44	2.04911	1.034998	2.376926	0.060499	0.355054	UP	312.1704	312.1702
1093	M534T33_	42.25748	5.401135	2.588705	0.060507	0.355054	UP	534.1008	534.1006
1094	M352T39_	30.18868	4.915936	2.586484	0.060628	0.355054	UP	352.2846	352.2845
1095	M323T33_	83.28751	6.380028	2.589645	0.060692	0.355055	UP	322.5833	322.5832
1096	M487T22	172.5223	7.430639	2.589334	0.060721	0.355055	UP	486.9075	486.9071
1097	M496T27_	5.210922	2.381539	2.48694	0.060737	0.355055	UP	496.1644	496.164
1098	M1361T43	2.390722	1.257446	2.255912	0.060764	0.355055	UP	1360.951	1360.95
1099	M271T33	2.884797	1.52847	2.5134	0.060794	0.355055	UP	271.1542	271.1541
1100	M202T27	4.880823	2.287124	2.521439	0.060984	0.355056	UP	202.0819	202.0759
1101	M279T17	3.037062	1.602676	2.442702	0.061027	0.355056	UP	279.0793	279.0792
1102	M285T39	4.866297	2.282824	2.580512	0.061037	0.355056	UP	285.2214	285.2213
1103	M794T9_1	10.59014	-3.40465	-2.50687	0.061089	0.355057	DOWN	794.0781	794.077
1104	M410T29_	4.397492	2.136681	2.195395	0.061155	0.355057	UP	409.5637	409.5631
1105	M667T31	23.70089	4.566869	2.576833	0.061193	0.355057	UP	667.3667	667.3665
1106	M564T33_	66.54258	6.056206	2.579592	0.061327	0.355058	UP	564.1189	564.118
1107	M415T32_	4.510149	2.173175	2.460682	0.061509	0.355059	UP	415.1764	415.176
1108	M666T10	5.385951	2.429201	2.370145	0.061623	0.355059	UP	665.9224	665.9217
1109	M553T36_	20.62562	4.366365	2.569739	0.061738	0.35506	UP	553.0818	553.0817
1110	M421T31	2.778095	1.474096	2.462846	0.061837	0.35506	UP	421.3292	421.3284
1111	M377T35_	8.969644	3.165051	2.562022	0.06187	0.355061	UP	377.1776	377.1775
1112	M590T29_	13.36342	-3.74022	-2.54735	0.061897	0.355061	DOWN	590.243	590.2425
1113	M674T29	13.47444	-3.75215	-2.53796	0.061941	0.355061	DOWN	674.24	674.24
1114	M592T23_	2.202896	1.139401	2.284831	0.061942	0.355061	UP	592.3851	592.3844
1115	M800T42	1.639403	0.713171	2.209034	0.062027	0.355061	UP	799.5583	799.5568
1116	M371T37_	12.61806	3.657418	2.568396	0.062071	0.355062	UP	371.1983	371.1982
1117	M441T18_	62.72529	5.970975	2.566898	0.062124	0.355062	UP	441.2755	441.2754
1118	M494T37	13.88931	-3.7959	-2.55583	0.062136	0.355062	DOWN	494.1723	494.1719
1119	M553T37	65.45544	6.032441	2.566738	0.062152	0.355062	UP	553.1033	553.103
1120	M450T43	1.761186	0.816547	2.463348	0.062153	0.355062	UP	450.4305	450.4297
1121	M187T31	6.113986	2.612113	2.557348	0.062357	0.355063	UP	187.0767	187.0767
1122	M416T25_	3.868896	1.951922	2.50317	0.06239	0.355063	UP	416.2699	416.2696
1123	M435T39	90.2901	6.496496	2.563033	0.062434	0.355063	UP	435.1829	435.1826
1124	M358T39	10.65707	3.413739	2.561655	0.062475	0.355064	UP	358.2434	358.2432
1125	M322T33_	5.983961	2.581101	2.552757	0.062488	0.355064	UP	322.2461	322.246
1126	M337T41	7.973834	2.995274	2.560551	0.062494	0.355064	UP	337.274	337.2739
1127	M309T37	48.96835	5.613778	2.56193	0.062508	0.355064	UP	309.2426	309.2425

1128	M527T31_	42.12141	5.396482	2.557076	0.062537	0.355064	UP	527.0707	527.0705
1129	M339T17_	38.14182	5.253302	2.559397	0.062605	0.355064	UP	339.0893	339.0891
1130	M381T25_	18.90526	4.240716	2.555474	0.062832	0.355065	UP	381.2277	381.2276
1131	M282T14_	9.565194	3.257794	2.535937	0.062846	0.355065	UP	282.0506	282.0506
1132	M410T22_	25.39246	4.666328	2.551167	0.062873	0.355066	UP	409.9989	409.9985
1133	M1005T44_	2.358961	1.238151	2.187877	0.062918	0.355066	UP	1004.501	1004.499
1134	M437T32_	11.02251	3.462381	2.523095	0.063052	0.355066	UP	437.1495	437.1495
1135	M449T27_	2.37666	1.248935	2.241357	0.063065	0.355066	UP	449.1621	449.1618
1136	M373T24	14.18928	3.82673	2.545309	0.063182	0.355067	UP	373.2781	373.2779
1137	M618T22	3.809766	1.929702	2.166643	0.063246	0.355067	UP	617.8753	617.8746
1138	M369T25_	32.65085	5.029049	2.548741	0.063278	0.355067	UP	369.2641	369.2637
1139	M594T22_	7.012419	2.809912	2.396875	0.063288	0.355068	UP	593.8511	593.8511
1140	M382T22_	19.11146	4.256366	2.546857	0.063289	0.355068	UP	382.2494	382.2491
1141	M421T29	3.819397	1.933345	2.157168	0.0633	0.355068	UP	420.5633	420.5631
1142	M439T45_	1.25172	0.323912	2.171504	0.063374	0.355068	UP	439.3359	439.3352
1143	M352T12	2.069093	1.048998	2.208322	0.063396	0.355068	UP	352.2487	352.2484
1144	M379T35	3.323802	1.732835	2.509761	0.06344	0.355068	UP	379.1779	379.1779
1145	M393T2	1.971434	-0.97925	-2.28646	0.063546	0.355069	DOWN	392.8146	392.8143
1146	M747T45	1.586427	-0.66578	-2.16789	0.063562	0.355069	DOWN	746.5901	746.5888
1147	M448T32_	1.557296	-0.63904	-2.44871	0.063574	0.355069	DOWN	448.3194	448.319
1148	M393T26_	3.505239	1.809513	2.514041	0.063617	0.355069	UP	393.1577	393.1576
1149	M361T37_	180.1223	7.492833	2.545297	0.063622	0.355069	UP	360.7035	360.7032
1150	M448T31	30.11475	4.912399	2.540287	0.063628	0.355069	UP	447.7509	447.7504
1151	M822T42_	1.583729	0.663325	2.164566	0.063677	0.355069	UP	822.0733	822.0717
1152	M1406T43	2.780194	1.475186	2.227	0.063796	0.35507	UP	1405.981	1405.977
1153	M262T31	4.005891	2.002123	2.151724	0.063806	0.35507	UP	261.9799	261.9798
1154	M630T29_	7.810526	-2.96542	-2.51128	0.063821	0.35507	DOWN	630.2534	630.2529
1155	M293T33	9.657309	3.271621	2.518018	0.063912	0.35507	UP	293.2114	293.2113
1156	M442T18	23.35927	4.545923	2.537653	0.063973	0.355071	UP	442.279	442.2787
1157	M366T39	26.62183	4.734538	2.538153	0.064024	0.355071	UP	366.3003	366.3002
1158	M477T30	16.56214	4.049817	2.523436	0.064389	0.355073	UP	477.0881	477.088
1159	M471T9_2	2.562479	-1.35754	-2.23053	0.064438	0.355073	DOWN	471.3729	471.3719
1160	M181T11	1.97567	0.982342	2.249692	0.06463	0.355074	UP	181.0862	181.086
1161	M309T20_	4.056916	2.020384	2.437725	0.064707	0.355074	UP	309.0788	309.0787
1162	M208T24	37.84959	5.242206	2.527582	0.064736	0.355074	UP	208.105	208.1049
1163	M393T29	9.759067	3.286743	2.486041	0.0648	0.355075	UP	393.1363	393.1359
1164	M414T25	7.68143	2.941375	2.520262	0.064846	0.355075	UP	414.2491	414.249
1165	M248T30_	4.844723	2.276414	2.229012	0.064871	0.355075	UP	247.602	247.6015
1166	M292T28_	6.91633	2.790007	2.500611	0.065	0.355075	UP	292.2847	292.2846
1167	M421T30_	3.053568	-1.6105	-2.15157	0.065032	0.355076	DOWN	421.062	421.0617
1168	M369T11	3.29996	1.722449	2.137973	0.065072	0.355076	UP	369.1004	369.1
1169	M731T36	17.46934	4.126753	2.51306	0.0651	0.355076	UP	730.5685	730.5677
1170	M487T23_	10.3743	3.374942	2.469549	0.065159	0.355076	UP	487.118	487.1178
1171	M765T29	4.976683	-2.31518	-2.28272	0.065162	0.355076	DOWN	765.1754	765.1754
1172	M401T10_	3.664836	1.873749	2.354035	0.065184	0.355076	UP	401.3956	401.3904
1173	M525T31_	3.822257	1.934425	2.137097	0.065195	0.355076	UP	525.0142	525.014
1174	M373T39	11.37612	3.507936	2.519367	0.065276	0.355077	UP	373.2139	373.2138

1175	M302T39	56.36532	5.816736	2.521136	0.065278	0.355077	UP	301.7053	301.705
1176	M300T31_	39.29421	5.296245	2.519103	0.065291	0.355077	UP	299.7051	299.7051
1177	M338T29_	3.870332	1.952457	2.13468	0.065342	0.355077	UP	338.0976	338.0973
1178	M431T25_	2.820135	1.495764	2.142596	0.065553	0.355078	UP	431.322	431.3211
1179	M378T35_	2.213215	1.146144	2.219352	0.065586	0.355078	UP	377.8177	377.8172
1180	M909T31	132.2867	7.047525	2.515887	0.065632	0.355078	UP	909.2276	909.2273
1181	M351T22_	4.476773	-2.16246	-2.46798	0.065671	0.355078	DOWN	351.0091	351.0089
1182	M378T37	40.15448	5.327489	2.511896	0.065794	0.355079	UP	378.3003	378.3001
1183	M180T31	5.066086	2.340872	2.214205	0.06583	0.355079	UP	180.0381	180.038
1184	M485T37	4.41847	-2.14355	-2.50685	0.065836	0.355079	DOWN	485.112	485.1116
1185	M1275T43	2.337236	1.224803	2.206785	0.065898	0.355079	UP	1274.906	1274.903
1186	M651T43	1.416605	-0.50244	-2.12922	0.065915	0.35508	DOWN	650.9551	650.9538
1187	M343T33	15.80267	3.982096	2.508416	0.065915	0.35508	UP	343.2246	343.2244
1188	M338T39_	66.55182	6.056406	2.510153	0.066017	0.35508	UP	338.0582	338.0581
1189	M635T30	17.06563	-4.09302	-2.48963	0.066035	0.35508	DOWN	635.2685	635.2684
1190	M847T20	3.751157	1.907336	2.258093	0.066039	0.35508	UP	846.5573	846.5564
1191	M320T33_	3.145971	1.653505	2.443326	0.066068	0.35508	UP	319.9106	319.9106
1192	M538T31_	4.122591	2.043551	2.134986	0.066112	0.35508	UP	538.0228	538.0225
1193	M377T32_	5.895144	2.559527	2.486868	0.06618	0.355081	UP	377.1776	377.1775
1194	M325T26_	4.427967	2.146644	2.477204	0.066193	0.355081	UP	325.1465	325.1461
1195	M334T39_	142.7094	7.156936	2.506775	0.066281	0.355081	UP	334.479	334.4788
1196	M335T25_	13.45403	3.749966	2.505871	0.066312	0.355081	UP	335.2222	335.2183
1197	M379T29_	3.359845	1.748395	2.409687	0.066317	0.355081	UP	379.2313	379.231
1198	M365T31_	11.09332	3.471619	2.500843	0.066331	0.355081	UP	365.2327	365.2322
1199	M564T35_	181.79	7.506129	2.505265	0.06639	0.355082	UP	564.1345	564.1344
1200	M341T12	30.75676	4.942832	2.503705	0.066445	0.355082	UP	341.2057	341.2054
1201	M479T19	3.060598	1.613814	2.243044	0.066454	0.355082	UP	479.3563	479.3554
1202	M617T26_	23.20328	4.536257	2.497009	0.066508	0.355082	UP	617.2233	617.2227
1203	M954T44	3.031367	-1.59997	-2.40066	0.06653	0.355082	DOWN	953.5455	953.5451
1204	M801T43	1.620098	0.696081	2.179043	0.066545	0.355082	UP	800.5618	800.5609
1205	M351T21	39.81414	5.315209	2.502727	0.066569	0.355082	UP	351.226	351.2173
1206	M345T30_	6.963983	2.799913	2.483118	0.066606	0.355083	UP	345.2063	345.2062
1207	M323T26	3.423201	1.775346	2.139601	0.066829	0.355109	UP	323.1309	323.1307
1208	M742T32_	63.69747	-5.99316	-2.4973	0.066922	0.355121	DOWN	742.1882	742.1876
1209	M321T27_	2.898154	1.535134	2.140284	0.066941	0.355123	UP	321.2428	321.2425
1210	M739T33	943.3896	9.88171	2.49653	0.067015	0.355132	UP	738.9534	738.9532
1211	M471T11_	7.718986	2.948411	2.371954	0.067034	0.355134	UP	470.7523	470.7518
1212	M708T10_	2.604141	1.380808	2.12677	0.067083	0.35514	UP	707.5443	707.5425
1213	M450T24	22.47988	4.490562	2.491767	0.067103	0.355142	UP	450.1444	450.1443
1214	M632T30	7.643959	-2.93432	-2.45841	0.067115	0.355144	DOWN	632.2689	632.2685
1215	M683T37	97.54349	6.607974	2.493505	0.067226	0.355157	UP	682.5048	682.5046
1216	M385T31_	66.66572	6.058873	2.492644	0.067261	0.355161	UP	385.1364	385.1361
1217	M492T44_	1.492637	0.577863	2.147126	0.067372	0.355174	UP	492.2799	492.2793
1218	M397T33	4.638901	2.213783	2.382068	0.06739	0.355176	UP	397.2952	397.2947
1219	M531T31	91.09149	6.509244	2.491048	0.067392	0.355177	UP	531.0664	531.0663
1220	M1229T43	1.862513	0.897251	2.121966	0.067398	0.355177	UP	1228.873	1228.871
1221	M601T22	5.52298	2.465447	2.376026	0.067469	0.35519	UP	601.1042	601.1037

1222	M527T31_	3.593232	1.845282	2.117599	0.067593	0.355212	UP	527.0141	527.0139
1223	M468T14	50.81163	5.667087	2.486045	0.067662	0.355224	UP	468.0041	468.0041
1224	M380T25_	4.31488	2.10932	2.460397	0.067676	0.355226	UP	380.2153	380.2151
1225	M527T31_	18.28577	-4.19265	-2.47208	0.067727	0.355235	DOWN	527.2957	527.2952
1226	M481T43_	1.388625	0.473657	2.111084	0.067759	0.355241	UP	481.0165	481.0157
1227	M495T43_	1.233672	0.302959	2.189451	0.067842	0.355255	UP	495.3575	495.3566
1228	M592T44	4.210915	-2.07413	-2.45265	0.06807	0.355295	DOWN	592.4608	592.4607
1229	M288T3	42.51633	5.409945	2.478919	0.068236	0.355324	UP	287.8884	287.8831
1230	M373T9_1	4.993873	-2.32016	-2.34521	0.068253	0.355326	DOWN	373.1845	373.1838
1231	M684T37	190.6506	7.574787	2.47906	0.068279	0.355331	UP	683.5081	683.508
1232	M715T43	1.78333	0.834574	2.117279	0.068478	0.355365	UP	714.5371	714.536
1233	M288T22_	3.425849	1.776462	2.162727	0.068482	0.355366	UP	287.8893	287.8892
1234	M846T20	3.145313	1.653203	2.228789	0.068499	0.355369	UP	845.554	845.5527
1235	M732T36	18.47497	4.2075	2.467091	0.068501	0.355369	UP	731.5719	731.5715
1236	M398T20_	14.23754	3.831628	2.457804	0.068544	0.355376	UP	398.2694	398.2692
1237	M409T29_	3.451933	1.787404	2.103537	0.068658	0.355396	UP	409.0659	409.0652
1238	M238T17	13.15328	3.717351	2.431113	0.068668	0.355397	UP	238.0527	238.0526
1239	M597T31_	13.33772	-3.73744	-2.46259	0.068724	0.355407	DOWN	597.229	597.2289
1240	M451T22_	70.77829	6.145235	2.47193	0.068759	0.355413	UP	451.0255	451.0253
1241	M526T41	1.830819	0.872489	2.117804	0.068775	0.355416	UP	526.1556	526.1539
1242	M944T32	2.243624	1.165831	2.152114	0.068777	0.355416	UP	943.6409	943.6396
1243	M602T44_	1.324913	0.405897	2.119078	0.068781	0.355417	UP	602.4429	602.4417
1244	M427T14	51.76108	5.693796	2.469933	0.068795	0.355419	UP	426.9776	426.9774
1245	M469T38	1.491443	-0.57671	-2.12954	0.06889	0.355435	DOWN	469.0992	469.0943
1246	M175T24	5.286664	2.402358	2.453087	0.068901	0.355437	UP	175.0755	175.0754
1247	M465T25_	55.61394	5.797375	2.46478	0.069289	0.355502	UP	465.03	465.0296
1248	M431T37_	7.240954	2.85618	2.447647	0.069307	0.355505	UP	431.1717	431.1717
1249	M529T24_	11.01375	3.461234	2.459993	0.069361	0.355514	UP	529.1559	529.1551
1250	M566T31	4.759029	2.250667	2.139744	0.069371	0.355516	UP	566.0412	566.0409
1251	M350T44_	1.39288	0.478071	2.191232	0.0694	0.355521	UP	350.1981	350.198
1252	M515T17_	2.531656	1.340081	2.129446	0.069438	0.355527	UP	515.3626	515.3617
1253	M273T2	14.49801	3.857783	2.410681	0.069656	0.355564	UP	272.902	272.9019
1254	M454T31	2.358984	1.238166	2.332513	0.069873	0.355599	UP	454.2924	454.2922
1255	M409T21_	34.15955	5.094217	2.457321	0.069877	0.3556	UP	409.1678	409.1677
1256	M467T30_	8.653344	3.113258	2.453511	0.069899	0.355604	UP	467.1731	467.1728
1257	M846T10	6.617972	2.726389	2.254604	0.06995	0.355612	UP	846.0556	846.0551
1258	M581T39	180.5031	7.495879	2.45532	0.070038	0.355626	UP	581.113	581.1129
1259	M215T36	1.692986	-0.75957	-2.17835	0.070072	0.355632	DOWN	215.1796	215.1795
1260	M404T18_	1.99917	-0.9994	-2.23541	0.070127	0.355641	DOWN	403.9833	403.9832
1261	M997T44_	4.592677	2.199335	2.198951	0.07032	0.355672	UP	996.7048	996.7024
1262	M1186T44	1.803122	0.850497	2.09074	0.070334	0.355675	UP	1185.85	1185.848
1263	M331T33_	12.66792	3.663108	2.436197	0.070336	0.355675	UP	331.2271	331.227
1264	M360T37_	2.759152	1.464225	2.434049	0.070436	0.355691	UP	360.2019	360.2018
1265	M530T31	19.49913	-4.28534	-2.44609	0.070524	0.355706	DOWN	529.795	529.7946
1266	M925T23	79.30339	6.309311	2.448552	0.070555	0.355711	UP	925.4894	925.4893
1267	M364T37_	5.504705	2.460665	2.408779	0.07067	0.355729	UP	364.2845	364.2844
1268	M592T31	3.498779	-1.80685	-2.3471	0.070677	0.35573	DOWN	592.2638	592.2634

1269	M381T20	7.578213	2.921858	2.38696	0.070732	0.355739	UP	381.1364	381.1318
1270	M384T24_	11.64503	3.541643	2.427878	0.070783	0.355747	UP	384.2749	384.2748
1271	M377T35_	7.251981	2.858375	2.439772	0.070785	0.355748	UP	377.1775	377.1775
1272	M693T33_	13.71267	3.777437	2.436155	0.070791	0.355749	UP	693.3827	693.3826
1273	M478T19_	3.091994	1.628538	2.212421	0.07082	0.355753	UP	478.353	478.3519
1274	M298T37	2.303584	-1.20388	-2.28646	0.070856	0.355759	DOWN	298.0821	298.0818
1275	M746T45	1.518734	-0.60287	-2.09696	0.07086	0.35576	DOWN	745.5871	745.5859
1276	M265T25_	3.72012	1.895349	2.294049	0.07087	0.355761	UP	265.1802	265.1801
1277	M382T31_	13.68004	3.774001	2.441104	0.070932	0.355771	UP	382.1438	382.1437
1278	M349T24_	47.06171	5.556482	2.443403	0.070932	0.355771	UP	349.2377	349.2376
1279	M1319T43	2.408347	1.268043	2.135998	0.070988	0.35578	UP	1318.932	1318.929
1280	M593T22_	21.73458	4.44192	2.439488	0.071018	0.355785	UP	593.2784	593.2777
1281	M523T35_	69.57942	6.120589	2.442298	0.071025	0.355786	UP	523.1077	523.1076
1282	M320T26	5.305114	2.407384	2.435033	0.07105	0.35579	UP	320.2306	320.2305
1283	M587T22_	55.15463	5.78541	2.439615	0.071131	0.355803	UP	586.8325	586.8322
1284	M307T22_	12.13332	3.600902	2.419043	0.071152	0.355806	UP	307.0956	307.0955
1285	M470T16_	86.29102	6.431139	2.438875	0.071271	0.355825	UP	470.02	470.0198
1286	M666T9	4.625472	2.2096	2.335777	0.07137	0.355841	UP	666.4305	666.4291
1287	M393T24	3.608475	1.851389	2.203306	0.07141	0.355847	UP	393.1726	393.1723
1288	M735T31	60.2191	5.912149	2.434532	0.071563	0.355871	UP	734.9425	734.9425
1289	M581T24	57.35366	5.841814	2.433386	0.071684	0.35589	UP	581.1011	581.0999
1290	M418T33	4.266676	2.093112	2.419264	0.07174	0.355899	UP	418.189	418.1886
1291	M310T30	4.725873	2.240581	2.340008	0.071759	0.355902	UP	310.2381	310.2377
1292	M488T23	25.19321	4.654963	2.420323	0.071794	0.355908	UP	488.1216	488.1213
1293	M396T38	1.491842	-0.57709	-2.13168	0.071799	0.355908	DOWN	396.2382	396.2381
1294	M529T31_	24.72386	-4.62783	-2.42333	0.07185	0.355916	DOWN	528.7954	528.7948
1295	M390T31_	2.756643	-1.46291	-2.21201	0.071877	0.35592	DOWN	390.0778	390.0763
1296	M538T24	19.78599	4.306408	2.426908	0.071893	0.355923	UP	538.0905	538.0905
1297	M432T26_	8.315704	-3.05584	-2.40242	0.071916	0.355927	DOWN	432.0145	432.0143
1298	M208T31_	4.15713	2.055588	2.095626	0.071961	0.355934	UP	208.0694	208.0693
1299	M540T9	3.608832	1.851532	2.278565	0.07198	0.355937	UP	540.4202	540.4186
1300	M698T29	20.12637	-4.33102	-2.42659	0.07207	0.35595	DOWN	698.2404	698.2404
1301	M201T39	35.90099	5.165952	2.427882	0.072079	0.355952	UP	201.1638	201.1635
1302	M960T44	3.864526	1.950291	2.170062	0.072088	0.355953	UP	959.6208	959.6201
1303	M324T36	31.0358	4.955861	2.426351	0.072142	0.355962	UP	324.2536	324.2535
1304	M154T29_	4.756603	-2.24993	-2.39694	0.072233	0.356019	DOWN	153.9483	153.9482
1305	M331T37_	73.08953	6.191593	2.425668	0.072319	0.356072	UP	330.6101	330.6101
1306	M458T35	2.809027	1.49007	2.399943	0.072361	0.356098	UP	458.2497	458.2496
1307	M384T24_	34.83389	5.12242	2.421932	0.072471	0.356166	UP	384.2748	384.2747
1308	M452T45	1.632378	-0.70697	-2.11068	0.072474	0.356168	DOWN	452.304	452.3032
1309	M405T2	1540.18	10.58888	2.422731	0.072549	0.356214	UP	404.8161	404.8159
1310	M371T32_	2.975137	1.572956	2.393525	0.072693	0.356303	UP	371.1512	371.1511
1311	M399T10_	2.983338	1.576927	2.156195	0.072786	0.35636	UP	399.4055	399.4041
1312	M1217T44	2.738232	1.453245	2.065559	0.072806	0.356372	UP	1216.734	1216.733
1313	M1405T43	2.403608	1.265201	2.115624	0.072884	0.35642	UP	1404.978	1404.977
1314	M639T33_	110.0446	6.781944	2.418086	0.072906	0.356434	UP	639.0283	639.0282
1315	M630T31_	4.305167	-2.10607	-2.3796	0.073008	0.356496	DOWN	630.3075	630.307

1316	M301T39	5.178563	2.372552	2.412254	0.073125	0.356567	UP	301.2164	301.2163
1317	M690T43_	1.309723	0.389262	2.063155	0.073186	0.356604	UP	690.4955	690.4943
1318	M331T30_	3.388321	1.76057	2.246251	0.07329	0.356668	UP	331.1734	331.1727
1319	M390T30	1.630409	-0.70523	-2.17106	0.073298	0.356672	DOWN	390.1577	390.1574
1320	M609T31_	103.2051	6.68937	2.411627	0.073416	0.356743	UP	609.0176	609.017
1321	M839T11_	22.37535	4.483838	2.400235	0.073517	0.356804	UP	838.5472	838.5453
1322	M1062T31	64.5593	6.012553	2.409674	0.073581	0.356843	UP	1061.512	1061.511
1323	M362T26_	3.251716	1.701201	2.165016	0.073591	0.356849	UP	362.1417	362.1414
1324	M160T2	1836.403	10.84267	2.408212	0.073697	0.356913	UP	159.9691	159.9691
1325	M683T33_	48.39207	5.596699	2.407214	0.073765	0.356954	UP	683.0184	683.0181
1326	M477T34_	1.990258	0.992955	2.061677	0.073784	0.356965	UP	477.1871	477.1861
1327	M367T14	6.54152	2.709626	2.333109	0.073815	0.356983	UP	367.221	367.2196
1328	M443T18_	1.94292	-0.95823	-2.06487	0.073877	0.357021	DOWN	443.0128	443.0126
1329	M315T34	8.825526	3.141682	2.404558	0.073923	0.357048	UP	315.1569	315.1563
1330	M513T11_	3.405409	-1.76783	-2.21465	0.073946	0.357062	DOWN	513.1659	513.1649
1331	M378T44	1.569045	0.649886	2.234657	0.073947	0.357062	UP	378.2086	378.207
1332	M746T19_	2.24042	1.163769	2.05702	0.074018	0.357105	UP	745.5372	745.5358
1333	M436T39	7.448304	2.896912	2.396662	0.074234	0.357233	UP	436.1862	436.186
1334	M349T35	16.86684	4.076118	2.399651	0.074238	0.357235	UP	349.2375	349.2374
1335	M412T14	15.46275	3.950725	2.386228	0.074242	0.357238	UP	411.9782	411.9776
1336	M1053T44	1.763414	0.818371	2.077917	0.074267	0.357252	UP	1052.768	1052.766
1337	M685T37	28.78482	4.847236	2.400357	0.074296	0.35727	UP	684.5114	684.5112
1338	M459T22_	12.31425	-3.62226	-2.38573	0.074599	0.357469	DOWN	459.0253	459.025
1339	M277T3	7.635036	2.932635	2.392224	0.074661	0.357509	UP	276.8968	276.8967
1340	M799T31_	341.5679	8.416029	2.395624	0.074709	0.357541	UP	799.2862	799.2857
1341	M293T21	3.651758	1.868591	2.234447	0.074737	0.357559	UP	293.073	293.0729
1342	M528T31_	20.62557	4.366362	2.390008	0.074782	0.357588	UP	528.074	528.0733
1343	M440T35_	4.277118	2.096639	2.176303	0.07487	0.357645	UP	440.4436	440.4401
1344	M347T21_	3.283054	1.715039	2.14447	0.074972	0.357711	UP	346.6931	346.6931
1345	M210T4	17.78889	4.152904	2.388302	0.075043	0.357757	UP	209.9646	209.9645
1346	M669T43_	1.206031	0.270267	2.072679	0.075167	0.357838	UP	668.9836	668.9823
1347	M731T43	2.013549	1.009741	2.101608	0.075282	0.357912	UP	730.5679	730.566
1348	M349T28_	8.900791	3.153934	2.381462	0.075301	0.357924	UP	349.2108	349.2108
1349	M669T9	9.831812	-3.29746	-2.33995	0.075597	0.358114	DOWN	668.953	668.9526
1350	M387T23_	3.503517	1.808804	2.255326	0.075679	0.358166	UP	387.1934	387.1926
1351	M599T44	8.476494	-3.08347	-2.37855	0.075709	0.358186	DOWN	599.3801	599.3792
1352	M688T37_	19.15809	4.259882	2.381865	0.075791	0.358237	UP	688.4636	688.4634
1353	M909T45	5.26179	2.395554	2.2231	0.075819	0.358256	UP	908.6517	908.6516
1354	M844T42_	1.818431	0.862694	2.041196	0.075926	0.358323	UP	843.5848	843.5821
1355	M857T33	2.026348	1.018882	2.067539	0.075945	0.358335	UP	856.5914	856.5912
1356	M478T29	2.59427	-1.37533	-2.28495	0.076077	0.358419	DOWN	478.2933	478.2929
1357	M1029T16	6.121345	2.613849	2.338611	0.07609	0.358427	UP	1028.717	1028.717
1358	M391T25_	16.37513	4.033435	2.368699	0.076195	0.358493	UP	391.1417	391.1416
1359	M1317T43	2.047973	1.034197	2.050928	0.076197	0.358494	UP	1316.925	1316.923
1360	M694T31_	6.754281	2.755802	2.363078	0.07629	0.358553	UP	694.3703	694.37
1361	M399T30_	3.762436	1.911667	2.349288	0.076398	0.358621	UP	399.4118	399.4041
1362	M704T31_	54.54687	-5.76942	-2.37373	0.076422	0.358636	DOWN	704.1451	704.1449

1363	M565T17	3.384064	1.758757	2.227918	0.076561	0.358723	UP	564.8693	564.869
1364	M290T2	1900.776	10.89237	2.372641	0.0766	0.358748	UP	289.8892	289.889
1365	M524T11	3.388782	1.760767	2.062971	0.07662	0.35876	UP	524.3677	524.3666
1366	M812T33	1.988141	0.99142	2.098935	0.076624	0.358763	UP	811.5621	811.5603
1367	M628T23	20.87718	4.383855	2.36599	0.076716	0.35882	UP	628.0702	628.0696
1368	M379T31_	3.751222	1.907361	2.045522	0.076742	0.358836	UP	379.084	379.0832
1369	M485T17_	110.3111	6.785434	2.370237	0.076772	0.358855	UP	485.0193	485.0191
1370	M405T10_	3.535385	1.821867	2.207611	0.076792	0.358867	UP	404.6195	404.6181
1371	M651T37	101.6981	6.668149	2.370012	0.076813	0.35888	UP	651.0275	651.0273
1372	M809T44	9.062237	-3.17987	-2.35822	0.076823	0.358886	DOWN	808.6785	808.678
1373	M632T29	5.734137	-2.51958	-2.28684	0.076844	0.3589	DOWN	632.2496	632.2494
1374	M379T19_	7.473473	2.901779	2.306371	0.076877	0.35892	UP	379.1037	379.1036
1375	M1450T43	3.884668	1.957791	2.219174	0.076933	0.358955	UP	1450.007	1450.006
1376	M365T24	17.2831	4.11129	2.368212	0.07695	0.358965	UP	365.2419	365.2419
1377	M629T29	4.194541	-2.06851	-2.23762	0.076964	0.358974	DOWN	629.2952	629.2949
1378	M406T22_	3.333028	1.736833	2.10432	0.076978	0.358982	UP	406.353	406.3529
1379	M453T33	6.613172	2.725342	2.350144	0.077	0.358996	UP	453.1761	453.176
1380	M334T38_	4.765096	2.252505	2.246648	0.077268	0.359273	UP	334.1531	334.1528
1381	M289T16	2.782334	-1.4763	-2.10504	0.077457	0.359466	DOWN	289.0889	289.0886
1382	M706T22	3.933396	1.975776	2.13528	0.077524	0.359535	UP	705.9773	705.9755
1383	M447T28_	2.755791	1.462466	2.271746	0.077539	0.359549	UP	447.2817	447.2805
1384	M283T16_	6.543823	2.710134	2.291435	0.077635	0.359648	UP	283.0632	283.063
1385	M802T10	2.140398	1.097879	2.027717	0.078061	0.36008	UP	801.5232	801.5204
1386	M1185T44	1.775955	0.828595	2.020159	0.078168	0.360188	UP	1184.847	1184.845
1387	M695T33	167.9266	7.391687	2.352826	0.078272	0.360293	UP	695.3981	695.3976
1388	M634T30	8.436708	-3.07668	-2.3213	0.078411	0.360433	DOWN	634.2657	634.2652
1389	M455T21_	6.464753	2.692595	2.338029	0.078448	0.36047	UP	455.2909	455.2907
1390	M247T4	9.572843	3.258947	2.337904	0.078594	0.360616	UP	246.9337	246.9336
1391	M509T22_	5.87225	2.553913	2.208533	0.078604	0.360626	UP	509.0783	509.0783
1392	M182T34	5.832029	2.543998	2.346549	0.078626	0.360648	UP	182.0529	182.0529
1393	M395T23_	19.70986	4.300845	2.342931	0.078929	0.36095	UP	395.0998	395.099
1394	M531T22	6.03743	2.593934	2.21976	0.07896	0.360981	UP	530.8977	530.8977
1395	M251T37	1.600204	-0.67826	-2.24409	0.078991	0.361012	DOWN	251.0468	251.0463
1396	M338T18	2.626121	1.392933	2.281281	0.079068	0.361088	UP	338.254	338.2534
1397	M1143T44	1.674327	0.743581	2.012965	0.079167	0.361186	UP	1142.827	1142.825
1398	M1064T31	481.8249	8.912365	2.342323	0.079176	0.361196	UP	1063.507	1063.506
1399	M473T26	7.974709	-2.99543	-2.32117	0.079222	0.361241	DOWN	473.0412	473.0408
1400	M644T10	4.428057	2.146674	2.141115	0.079244	0.361263	UP	643.9091	643.9086
1401	M676T29_	12.93603	-3.69332	-2.32138	0.079256	0.361274	DOWN	676.2583	676.2582
1402	M354T41	4.325035	2.112712	2.31903	0.079364	0.361381	UP	354.3006	354.3005
1403	M726T10	31.82447	4.992065	2.33661	0.079392	0.361408	UP	726.4453	726.4448
1404	M187T3	4.931807	2.302116	2.338728	0.079404	0.361421	UP	186.9563	186.9562
1405	M535T29_	4.032953	2.011837	2.051847	0.079499	0.361514	UP	535.1292	535.1285
1406	M1360T9	2.797077	1.48392	2.169644	0.079561	0.361575	UP	1360.029	1360.023
1407	M350T30_	6.367379	2.6707	2.322708	0.079653	0.361665	UP	350.2411	350.241
1408	M382T35	35.7329	5.159181	2.334162	0.079846	0.361854	UP	382.259	382.2589
1409	M350T44_	1.456498	0.542504	2.005963	0.079955	0.36196	UP	350.2174	350.2168

1410	M404T18_	1.879239	0.910148	2.015384	0.079975	0.361979	UP	404.2438	404.2434
1411	M757T43_	1.468175	0.554023	2.014868	0.079984	0.361988	UP	756.535	756.5338
1412	M505T33	246.116	7.943195	2.331631	0.080106	0.362107	UP	505.1199	505.1196
1413	M199T24	2.816562	-1.49394	-2.30881	0.080262	0.362258	DOWN	199.1693	199.169
1414	M609T29	4.673022	-2.22436	-2.24152	0.080309	0.362303	DOWN	609.2525	609.252
1415	M767T31	68.68054	6.101829	2.328	0.080403	0.362394	UP	767.2917	767.2912
1416	M479T21_	15.49095	3.953353	2.323551	0.08041	0.362401	UP	479.312	479.3116
1417	M378T31_	3.324978	1.733345	2.009844	0.080423	0.362414	UP	378.0874	378.0866
1418	M463T27	4.559127	2.188758	2.197612	0.080451	0.362441	UP	463.1418	463.1414
1419	M582T39	31.51858	4.978131	2.321723	0.08051	0.362498	UP	582.1164	582.1164
1420	M341T20	42.93085	5.423943	2.324267	0.080591	0.362576	UP	340.6191	340.619
1421	M625T11_	5.892756	2.558942	2.1703	0.080611	0.362595	UP	625.2977	625.2969
1422	M388T31	3.359409	-1.74821	-2.17238	0.080675	0.362657	DOWN	388.0812	388.0807
1423	M680T20	26.38573	4.721686	2.321979	0.080785	0.362761	UP	680.2314	680.2312
1424	M703T43_	1.449622	0.535677	2.045822	0.080958	0.362927	UP	703.4942	703.4931
1425	M683T30	140.4244	7.13365	2.321751	0.080972	0.36294	UP	683.3096	683.3092
1426	M965T44	1.613106	0.689842	2.022476	0.081006	0.362973	UP	964.7153	964.7137
1427	M796T33	259.0722	8.017211	2.321265	0.081021	0.362987	UP	796.3266	796.3265
1428	M1274T43	1.869384	0.902563	1.995039	0.081209	0.363166	UP	1273.902	1273.9
1429	M1318T43	2.148708	1.10347	2.013736	0.081211	0.363168	UP	1317.929	1317.926
1430	M409T24_	3.415797	1.772222	2.102682	0.081253	0.363208	UP	409.152	409.1497
1431	M389T18_	13.61627	3.767259	2.316886	0.081346	0.363297	UP	389.2555	389.2554
1432	M795T33	627.5954	9.293691	2.316412	0.081456	0.363401	UP	795.3231	795.3227
1433	M295T34_	59.12375	5.885666	2.316398	0.081458	0.363402	UP	294.6373	294.6372
1434	M595T27_	13.30054	3.733413	2.301143	0.081534	0.363474	UP	595.0944	595.0936
1435	M342T22_	41.52753	5.375996	2.313036	0.081572	0.36351	UP	342.0826	342.0824
1436	M775T31_	131.7855	7.042048	2.314491	0.081624	0.363559	UP	775.32	775.319
1437	M362T26_	2.02281	1.016361	2.146671	0.081627	0.363562	UP	362.1088	362.1086
1438	M276T26	11.60558	-3.53675	-2.30696	0.08166	0.363594	DOWN	276.0938	276.0933
1439	M364T2	3289.512	11.68366	2.313401	0.081726	0.363656	UP	363.7897	363.7895
1440	M822T42_	1.617343	0.693626	2.001056	0.081757	0.363684	UP	821.5716	821.5695
1441	M751T44	2.010871	1.00782	2.239848	0.08188	0.363799	UP	751.3862	751.3858
1442	M715T31_	6.759616	2.756941	2.250325	0.081927	0.363844	UP	714.5375	714.5371
1443	M472T38	3.640016	1.863945	1.986585	0.08224	0.364136	UP	472.0927	472.0924
1444	M1039T44	6.713061	2.746971	2.186813	0.08237	0.364257	UP	1039.494	1039.493
1445	M368T36	28.11197	4.813113	2.303935	0.082455	0.364337	UP	368.2801	368.2796
1446	M680T33	1.645049	0.718131	2.11678	0.082619	0.364489	UP	680.4859	680.4852
1447	M691T43_	1.259475	0.332822	2.005669	0.08268	0.364544	UP	690.997	690.9956
1448	M706T44	1.947645	0.96173	2.205447	0.082714	0.364576	UP	706.3641	706.364
1449	M459T29_	3.725764	1.897536	1.983011	0.082729	0.36459	UP	458.5257	458.5255
1450	M504T43_	1.430492	0.516512	2.081506	0.082744	0.364604	UP	504.3576	504.3574
1451	M203T3	7.091569	2.826105	2.269769	0.082745	0.364605	UP	202.9876	202.9875
1452	M454T2	797.3535	9.639076	2.300747	0.082871	0.364721	UP	453.7299	453.7298
1453	M610T31	7.120415	-2.83196	-2.28668	0.082903	0.36475	DOWN	610.2657	610.2653
1454	M275T21	3.295422	1.720463	2.08263	0.082933	0.364778	UP	275.0987	275.0981
1455	M431T25_	2.219802	1.150431	1.982872	0.083192	0.365016	UP	430.6532	430.6524
1456	M1231T43	1.939711	0.955842	1.987604	0.083233	0.365053	UP	1230.88	1230.878

1457	M643T31	4.626393	2.209888	2.025169	0.083257	0.365075	UP	642.9501	642.9495
1458	M396T22	4.437558	-2.14977	-2.28848	0.083342	0.365152	DOWN	396.2429	396.2417
1459	M282T28	11.39748	3.510643	2.270516	0.083441	0.365242	UP	281.6047	281.6041
1460	M385T34	10.97431	3.456058	2.290965	0.08345	0.365251	UP	385.2781	385.278
1461	M484T23_	21.57147	4.431053	2.29265	0.083494	0.365291	UP	484.1975	484.1975
1462	M451T31_	8.948025	3.161569	2.286431	0.083539	0.365332	UP	451.1607	451.1602
1463	M531T40_	2.545652	1.348035	1.980721	0.083711	0.365488	UP	531.1338	531.1336
1464	M891T23	55.62691	5.797711	2.289446	0.083807	0.365575	UP	891.4894	891.4886
1465	M306T22	5.120458	2.356273	2.167715	0.083835	0.3656	UP	306.0984	306.098
1466	M507T18	2.312944	1.20973	2.172879	0.08387	0.365632	UP	506.8975	506.8969
1467	M675T10_	4.023915	2.0086	2.188756	0.084122	0.365858	UP	675.392	675.3895
1468	M558T44_	1.2627	0.336512	1.975019	0.084181	0.365912	UP	558.4162	558.4154
1469	M315T30_	2.596135	-1.37637	-2.24843	0.08425	0.365974	DOWN	315.0849	315.0844
1470	M687T37_	223.9737	7.807186	2.283994	0.084411	0.366118	UP	687.4601	687.4599
1471	M319T31_	80.04992	6.322828	2.278527	0.084924	0.366575	UP	318.5739	318.5736
1472	M372T30	7.788269	2.961303	2.266777	0.084976	0.36662	UP	372.223	372.2226
1473	M371T38	2.758351	1.463806	2.258697	0.084988	0.366631	UP	371.1983	371.1983
1474	M416T33_	3.880385	1.9562	2.213921	0.085006	0.366647	UP	416.1657	416.1655
1475	M685T13	4.523947	2.177582	2.101671	0.085067	0.366701	UP	684.5344	684.5337
1476	M324T26	3.031044	1.599815	1.990816	0.08516	0.366783	UP	324.1344	324.1343
1477	M602T44_	1.239236	0.309451	1.995427	0.085424	0.367015	UP	601.9414	601.9404
1478	M337T18_	3.910791	-1.96746	-2.17812	0.085463	0.367049	DOWN	336.9935	336.9934
1479	M528T31_	11.8153	-3.56258	-2.26257	0.08549	0.367073	DOWN	527.7974	527.7968
1480	M412T32	3.623329	1.857316	2.213506	0.08557	0.367142	UP	412.1775	412.1773
1481	M670T13	4.036994	2.013282	2.082546	0.085577	0.367149	UP	670.4994	670.498
1482	M747T44	3.076258	1.621176	2.22756	0.085682	0.367241	UP	747.3906	747.3903
1483	M890T23	30.19571	4.916272	2.268218	0.08575	0.3673	UP	890.4857	890.4852
1484	M458T33_	1.928392	0.947398	1.962556	0.085853	0.36739	UP	458.3219	458.3212
1485	M307T35	10.03754	3.327334	2.267588	0.085912	0.367441	UP	307.227	307.2269
1486	M353T30_	3.901863	1.964163	1.983247	0.085964	0.367486	UP	353.0815	353.0809
1487	M350T27_	2.849372	1.510644	2.195092	0.085966	0.367488	UP	350.2412	350.2409
1488	M388T23_	2.959716	1.565459	2.14625	0.085988	0.367507	UP	388.1968	388.1962
1489	M617T44	2.843407	-1.50762	-2.06897	0.086121	0.367622	DOWN	617.4326	617.4305
1490	M307T23_	3.382786	1.758212	2.022241	0.086135	0.367634	UP	307.1107	307.1106
1491	M383T31_	3.371777	1.753509	1.959536	0.086172	0.367666	UP	383.0798	383.0792
1492	M630T10	4.553001	2.186818	2.038401	0.086268	0.367749	UP	629.8563	629.8556
1493	M994T44	4.266239	2.092965	2.142887	0.086273	0.367754	UP	993.5084	993.5069
1494	M516T11_	3.187394	-1.67238	-2.2218	0.086368	0.367835	DOWN	516.1581	516.1572
1495	M274T31	3.432001	1.77905	1.9549	0.086382	0.367847	UP	274.0529	274.0528
1496	M261T21	3.608648	1.851458	2.128645	0.086504	0.367953	UP	261.0831	261.0828
1497	M347T25_	30.90184	4.949621	2.258736	0.086514	0.367961	UP	347.2222	347.2221
1498	M483T32_	2.638621	-1.39978	-2.08688	0.086562	0.368002	DOWN	483.3636	483.3628
1499	M497T31_	3.547162	1.826665	1.982032	0.08663	0.368061	UP	497.0193	497.0192
1500	M362T2	969.2565	9.920735	2.258332	0.086841	0.368241	UP	361.7944	361.7942
1501	M496T31_	3.615381	-1.85415	-2.20193	0.086854	0.368253	DOWN	496.3634	496.3559
1502	M247T22_	3.040072	1.604105	1.963615	0.086861	0.368258	UP	246.8625	246.8625
1503	M224T37	1.841282	-0.88071	-2.03751	0.086981	0.368361	DOWN	224.0631	224.0629

1504	M295T3	3.671801	1.876488	2.248868	0.08703	0.368403	UP	294.8837	294.8836
1505	M360T28	3.020359	1.59472	2.110756	0.087035	0.368407	UP	360.3474	360.3469
1506	M797T33	75.50843	6.238566	2.255217	0.087124	0.368483	UP	797.3234	797.3231
1507	M542T35	2.964806	1.567938	2.133784	0.087174	0.368525	UP	542.4083	542.4081
1508	M636T30	7.237912	-2.85557	-2.2467	0.087306	0.368638	DOWN	636.2642	636.2638
1509	M248T16	4.339695	-2.11759	-2.20704	0.087308	0.368639	DOWN	248.0622	248.0621
1510	M236T2	1310.026	10.35538	2.253466	0.087309	0.36864	UP	235.87	235.8699
1511	M411T22_	16.50304	4.04466	2.245498	0.087457	0.368765	UP	411.0025	411.0025
1512	M514T44_	1.290739	0.368197	1.986653	0.08747	0.368776	UP	513.8885	513.8876
1513	M581T23	177.5531	7.472107	2.251737	0.087472	0.368778	UP	581.0775	581.0773
1514	M763T32	8.984789	3.167485	2.209677	0.087496	0.368798	UP	763.2097	763.2096
1515	M577T37	73.39041	6.19752	2.250044	0.087629	0.36891	UP	577.1024	577.1023
1516	M161T33_	3.443798	1.784	2.231814	0.087662	0.368938	UP	161.0961	161.0961
1517	M464T39	1.38906	0.474109	1.948816	0.087888	0.369128	UP	464.3581	464.3573
1518	M529T31_	5.7638	-2.52702	-2.20425	0.088046	0.36926	DOWN	529.2933	529.2928
1519	M389T31_	2.494221	-1.31859	-2.05607	0.088073	0.369283	DOWN	389.0749	389.0742
1520	M1065T31	500.3655	8.966838	2.244681	0.088163	0.369358	UP	1064.51	1064.51
1521	M555T31_	4.327698	-2.1136	-2.11493	0.088183	0.369374	DOWN	555.254	555.2531
1522	M333T27_	10.64488	3.412088	2.235015	0.08838	0.369538	UP	333.1151	333.1148
1523	M431T25_	2.083628	1.059097	1.939395	0.08843	0.36958	UP	430.9877	430.9869
1524	M641T35	92.08382	6.524876	2.241009	0.088507	0.369643	UP	641.0436	641.0435
1525	M609T31_	4.86153	-2.28141	-2.1632	0.088535	0.369667	DOWN	609.2722	609.272
1526	M570T33	68.34208	6.094702	2.239343	0.088674	0.369782	UP	570.1134	570.1133
1527	M652T11_	6.928665	2.792577	2.119098	0.088701	0.369804	UP	651.8586	651.8573
1528	M355T15	13.25383	3.728338	2.235383	0.08879	0.369878	UP	355.2214	355.2211
1529	M757T44_	1.880953	0.911464	1.936673	0.088819	0.369901	UP	757.3803	757.3794
1530	M354T15	20.27006	4.341279	2.236629	0.08892	0.369985	UP	354.218	354.2178
1531	M292T34	54.19189	5.760005	2.236242	0.088992	0.370044	UP	291.7234	291.7234
1532	M229T36	6.603941	2.723327	2.219918	0.089011	0.37006	UP	229.1951	229.1951
1533	M675T31	21.407	4.420011	2.234165	0.089093	0.370126	UP	675.3942	675.3939
1534	M333T32_	98.74423	6.625625	2.234099	0.089178	0.370196	UP	332.9646	332.9646
1535	M485T24	8.220467	3.03922	2.223957	0.089298	0.370295	UP	485.1661	485.1657
1536	M384T17	13.59416	3.764915	2.200453	0.089314	0.370308	UP	383.9831	383.983
1537	M549T33_	32.46561	5.02084	2.23231	0.089326	0.370318	UP	549.0873	549.0873
1538	M652T40	88.83819	6.473108	2.232185	0.089387	0.370367	UP	651.986	651.986
1539	M945T11	8.424843	3.07465	2.168407	0.089387	0.370367	UP	944.5851	944.5835
1540	M490T43_	1.22009	0.286987	2.006171	0.089402	0.37038	UP	489.6821	489.6809
1541	M725T43	1.254947	0.327627	1.931785	0.089475	0.370439	UP	725.0053	725.004
1542	M936T44	3.267348	1.70812	2.043406	0.08958	0.370524	UP	935.5956	935.5935
1543	M381T31_	3.473612	1.796436	1.938312	0.089613	0.370551	UP	381.0843	381.0834
1544	M319T22_	3.022829	1.5959	2.144552	0.089625	0.370561	UP	319.1911	319.1909
1545	M422T39	20.50777	4.358098	2.22749	0.089625	0.370561	UP	422.3629	422.3628
1546	M327T22_	3.133125	1.647602	2.206343	0.089731	0.370647	UP	327.2241	327.2239
1547	M418T22_	3.282479	-1.71479	-2.13941	0.089786	0.370692	DOWN	417.9989	417.9985
1548	M735T43	1.535521	0.618728	2.002249	0.089802	0.370704	UP	734.5217	734.5204
1549	M600T31_	41.44511	5.37313	2.227083	0.089826	0.370724	UP	600.4686	600.4685
1550	M432T31_	4.325158	2.112753	2.191491	0.089943	0.370819	UP	432.1962	432.1959

1551	M669T13	3.652125	1.868736	1.981323	0.090011	0.370874	UP	669.4961	669.4958
1552	M440T28_	3.290058	1.718113	2.162586	0.090041	0.370898	UP	439.9969	439.9959
1553	M373T38	4.48075	-2.16374	-2.18526	0.090079	0.370928	DOWN	373.1826	373.1821
1554	M278T26_	12.47279	-3.64071	-2.2149	0.090143	0.37098	DOWN	278.0903	278.0902
1555	M361T23	2.916541	1.544259	2.000742	0.090256	0.371071	UP	361.2083	361.2081
1556	M433T32	6.391406	2.676133	2.203387	0.090258	0.371073	UP	432.8894	432.8892
1557	M711T44	1.983426	0.987995	2.138705	0.090379	0.37117	UP	711.3629	711.3627
1558	M297T31_	3.106046	1.635079	1.932495	0.090501	0.371267	UP	296.6481	296.6477
1559	M357T31	4.956695	2.309379	2.216671	0.090588	0.371336	UP	357.1742	357.1725
1560	M512T11_	150.2797	7.231506	2.219934	0.090617	0.37136	UP	512.2757	512.2755
1561	M343T17_	10.41903	3.381149	2.17618	0.090671	0.371403	UP	342.9566	342.9565
1562	M1011T44	1.637264	0.711287	1.926792	0.090914	0.371596	UP	1010.748	1010.746
1563	M688T43	20.99477	4.391958	2.213992	0.091146	0.37178	UP	687.5134	687.5133
1564	M483T19_	40.33551	5.333979	2.211795	0.091259	0.371869	UP	483.0036	483.0034
1565	M513T44	1.249279	0.321096	1.927524	0.091267	0.371876	UP	513.3868	513.3859
1566	M1187T44	1.699881	0.765434	1.918794	0.09129	0.371894	UP	1186.853	1186.851
1567	M668T29	13.73449	-3.77973	-2.20157	0.091373	0.371959	DOWN	668.2267	668.2261
1568	M317T39	2.871318	1.521713	2.178909	0.091419	0.371995	UP	317.2476	317.2475
1569	M1141T44	1.732715	0.793034	1.923132	0.091478	0.372042	UP	1140.82	1140.818
1570	M325T26_	2.999668	1.584803	2.128217	0.091496	0.372056	UP	325.1314	325.1311
1571	M460T39	18.31379	4.194859	2.20565	0.091553	0.372101	UP	460.1423	460.142
1572	M1142T44	1.696045	0.762175	1.919702	0.091573	0.372116	UP	1141.824	1141.822
1573	M273T30_	3.072219	-1.61928	-2.16931	0.091594	0.372133	DOWN	273.0377	273.0375
1574	M575T39	7.631928	2.932048	2.138082	0.091641	0.372169	UP	575.1604	575.1596
1575	M404T10_	2.829252	1.500421	1.93754	0.09167	0.372192	UP	403.6076	403.6062
1576	M961T44	2.792646	1.481633	2.051029	0.091863	0.372343	UP	960.6268	960.6254
1577	M517T27_	3.192405	-1.67464	-2.0325	0.092139	0.372558	DOWN	517.309	517.3086
1578	M500T44	2.301082	1.202312	2.173126	0.092163	0.372577	UP	500.1238	500.1237
1579	M484T30	2.139049	-1.09697	-2.06687	0.09218	0.37259	DOWN	484.3395	484.3393
1580	M560T30	1.201413	-0.26473	-2.10699	0.092271	0.372661	DOWN	560.3877	560.387
1581	M380T31	3.357022	1.747182	1.91305	0.092282	0.372669	UP	380.0874	380.0872
1582	M630T40_	160.85	7.329572	2.200562	0.092583	0.372902	UP	629.9731	629.9729
1583	M656T29_	10.94055	3.451613	2.177497	0.092593	0.37291	UP	656.4953	656.4937
1584	M690T9_1	4.072124	2.025782	2.041989	0.092675	0.372973	UP	689.9119	689.9102
1585	M379T29_	4.40385	2.138765	2.186068	0.09268	0.372977	UP	379.2312	379.231
1586	M298T31_	2.70195	1.434001	1.908608	0.092822	0.373086	UP	298.1444	298.1443
1587	M1099T44	1.686325	0.753883	1.911759	0.092831	0.373093	UP	1098.8	1098.799
1588	M263T21	3.110739	1.637258	1.986325	0.092837	0.373097	UP	263.0986	263.098
1589	M780T30_	1.375922	-0.4604	-1.96897	0.092842	0.373101	DOWN	779.5153	779.5142
1590	M923T44_	1.480266	0.565856	1.908046	0.092875	0.373126	UP	922.6955	922.6939
1591	M231T30	2.958312	-1.56477	-2.17008	0.092877	0.373128	DOWN	230.9907	230.9906
1592	M441T22_	23.09001	4.529197	2.191735	0.093028	0.373244	UP	440.9022	440.9019
1593	M342T10_	4.181184	2.063911	2.133017	0.093048	0.373259	UP	342.0895	342.0882
1594	M552T34_	2.550561	1.350815	1.9881	0.093119	0.373313	UP	552.3984	552.3975
1595	M850T28	2.626332	1.393049	1.907375	0.093181	0.373361	UP	849.6356	849.6334
1596	M291T31	3.431298	1.778755	1.907063	0.093226	0.373395	UP	291.089	291.089
1597	M457T22	12.41675	-3.63422	-2.18152	0.09334	0.373482	DOWN	457.0286	457.0283

1598	M318T31_	3.535614	1.821961	1.904039	0.093426	0.373547	UP	318.0426	318.0425
1599	M332T25	1.712619	-0.7762	-1.98389	0.09345	0.373565	DOWN	332.1197	332.1191
1600	M346T21_	3.229672	1.691388	1.975037	0.093578	0.373662	UP	345.696	345.6956
1601	M594T29	3.9034	-1.96473	-2.03928	0.093594	0.373674	DOWN	594.2383	594.238
1602	M900T33	1.856885	0.892885	1.919453	0.093648	0.373715	UP	899.6146	899.6135
1603	M1273T43	1.936647	0.953561	1.920462	0.09366	0.373725	UP	1272.899	1272.897
1604	M845T42	1.906665	0.931051	1.904673	0.093697	0.373752	UP	844.5887	844.5878
1605	M680T30	14.38483	-3.84648	-2.18158	0.09373	0.373777	DOWN	680.2712	680.2705
1606	M432T37	2.958909	1.565065	2.155852	0.093742	0.373786	UP	432.1701	432.1698
1607	M349T21_	3.132559	1.647342	1.967844	0.093746	0.37379	UP	348.6989	348.6985
1608	M684T30	37.47632	5.227907	2.187553	0.093921	0.373922	UP	684.3132	684.3129
1609	M293T43	1.458418	-0.5444	-1.91409	0.094009	0.373988	DOWN	292.9766	292.9762
1610	M348T21_	2.787614	1.479031	1.943159	0.094074	0.374037	UP	348.1959	348.1952
1611	M659T31_	33.57847	5.069465	2.185075	0.094137	0.374084	UP	659.4296	659.4292
1612	M331T34	43.48832	5.442556	2.184209	0.09423	0.374153	UP	331.1308	331.1308
1613	M316T28_	2.140383	1.097869	2.013324	0.094318	0.374219	UP	316.3211	316.3207
1614	M280T26_	7.143427	-2.83662	-2.17631	0.094327	0.374226	DOWN	280.0892	280.089
1615	M349T27_	2.702881	1.434498	1.903861	0.094353	0.374246	UP	349.1467	349.1463
1616	M308T22	2.577258	-1.36584	-1.97845	0.094384	0.374269	DOWN	308.0835	308.0831
1617	M506T44_	2.018292	1.013135	2.004955	0.094536	0.374382	UP	506.1177	506.1175
1618	M668T9	29.13343	-4.8646	-2.17578	0.094669	0.374481	DOWN	668.4518	668.4514
1619	M651T40	59.50113	5.894845	2.179092	0.094835	0.374604	UP	651.4848	651.4843
1620	M637T11	4.998743	2.321565	2.028539	0.094892	0.374647	UP	637.3058	637.305
1621	M363T37	1.66498	-0.7355	-2.07061	0.09492	0.374667	DOWN	363.1721	363.1715
1622	M209T31	4.15862	2.056105	1.925757	0.094943	0.374685	UP	208.571	208.571
1623	M469T11_	19.12825	4.257633	2.169334	0.094982	0.374713	UP	469.0247	469.0247
1624	M431T37_	1.271086	-0.34606	-1.90054	0.095056	0.374768	DOWN	431.3924	431.3915
1625	M675T33_	14.24928	3.832817	2.175582	0.095123	0.374817	UP	675.3718	675.3717
1626	M459T22_	31.80207	4.991049	2.175383	0.095143	0.374833	UP	458.913	458.9128
1627	M786T43	1.470859	0.556659	1.958086	0.095172	0.374853	UP	785.5825	785.5803
1628	M347T21_	2.733211	1.450597	1.930944	0.095204	0.374877	UP	347.1925	347.1918
1629	M880T45	1.591803	0.670662	1.910714	0.095378	0.375006	UP	879.6722	879.6719
1630	M451T43	1.753719	0.810418	2.050961	0.095381	0.375008	UP	451.434	451.4328
1631	M347T31_	3.053026	1.61024	1.905129	0.095431	0.375044	UP	346.6108	346.6105
1632	M298T31_	2.818329	1.49484	1.894641	0.095472	0.375075	UP	297.6483	297.6478
1633	M363T26_	35.09211	5.133075	2.172212	0.095511	0.375103	UP	363.2172	363.217
1634	M283T37	3.110895	1.63733	2.169116	0.095584	0.375156	UP	283.2057	283.2056
1635	M288T2	38.27702	5.258407	2.170823	0.095692	0.375235	UP	287.8887	287.8882
1636	M485T23_	8.671873	-3.11634	-2.15769	0.095692	0.375235	DOWN	485.0212	485.0209
1637	M494T31_	2.167274	-1.11588	-1.91677	0.095795	0.375311	DOWN	494.1392	494.1383
1638	M482T37	2.063275	-1.04494	-2.00101	0.095846	0.375348	DOWN	482.1539	482.1531
1639	M262T21	3.071057	1.618735	1.957906	0.095976	0.375442	UP	262.0908	262.0904
1640	M763T30	4.092238	2.03289	1.917552	0.096061	0.375504	UP	763.0425	763.0421
1641	M446T9_1	5.166537	-2.3692	-2.10422	0.096139	0.375561	DOWN	445.6355	445.6354
1642	M688T39	27.07072	4.758662	2.166335	0.096147	0.375567	UP	687.5396	687.5391
1643	M687T39_	20.03915	4.32475	2.165086	0.096216	0.375616	UP	686.536	686.5357
1644	M577T26	36.84211	5.203284	2.16605	0.096223	0.375621	UP	577.3473	577.347

1645	M319T26_	27.39426	4.775802	2.164001	0.096246	0.375638	UP	319.2271	319.2267
1646	M447T37	1.934695	-0.95211	-1.89032	0.096438	0.375777	DOWN	447.1167	447.1164
1647	M463T33_	2.545362	1.347871	1.990502	0.096463	0.375795	UP	463.3031	463.3031
1648	M479T21_	6.516453	2.704087	2.159732	0.096526	0.375841	UP	479.2736	479.2732
1649	M582T29_	4.035318	-2.01268	-2.10983	0.096556	0.375862	DOWN	582.253	582.2526
1650	M470T39	2.060444	-1.04296	-1.96481	0.09673	0.375987	DOWN	470.3475	470.3468
1651	M407T10_	3.001404	1.585637	2.085446	0.096741	0.375995	UP	407.3166	407.316
1652	M708T10_	2.277712	1.187585	1.888782	0.096767	0.376014	UP	707.508	707.5055
1653	M283T31	2.744235	1.456404	2.140722	0.096775	0.376019	UP	283.206	283.2058
1654	M380T19	3.866619	1.951073	1.966679	0.096893	0.376104	UP	380.1004	380.1003
1655	M894T31	22.65953	4.502046	2.158572	0.096998	0.37618	UP	894.4966	894.4958
1656	M384T30	11.48236	3.521347	2.15649	0.097066	0.376228	UP	384.2815	384.2746
1657	M474T37	5.211237	2.381626	2.146226	0.097432	0.376488	UP	474.1701	474.1697
1658	M724T11	5.959263	2.575134	2.058305	0.097454	0.376504	UP	724.2182	724.2177
1659	M523T23	6.809548	-2.76756	-2.1264	0.09757	0.376586	DOWN	523.1302	523.1295
1660	M372T37_	4.04369	2.015672	2.14465	0.097676	0.376661	UP	372.2016	372.2015
1661	M599T33	6.880548	2.782524	2.115853	0.097707	0.376683	UP	599.1069	599.1064
1662	M743T31	3.788599	1.921665	1.877414	0.097747	0.376711	UP	742.8754	742.875
1663	M349T21_	3.223083	1.688441	1.954871	0.097879	0.376804	UP	349.0777	349.0768
1664	M349T21_	2.949976	1.560703	1.931467	0.097881	0.376805	UP	349.1993	349.1984
1665	M317T28_	2.29	1.195348	2.004507	0.097901	0.37682	UP	317.3245	317.324
1666	M379T44_	1.943595	0.958728	1.912247	0.098031	0.376911	UP	379.1543	379.1542
1667	M595T10_	3.282369	1.714738	2.104368	0.098064	0.376934	UP	595.4547	595.453
1668	M638T24	4.514056	2.174424	1.954673	0.098112	0.376968	UP	638.1184	638.1179
1669	M345T21	3.225204	1.689391	1.950614	0.098138	0.376987	UP	345.3226	345.3218
1670	M420T16	10.18858	3.34888	2.114778	0.098152	0.376996	UP	420.045	420.0449
1671	M641T33	67.35647	6.073745	2.148043	0.098188	0.377021	UP	641.0287	641.0277
1672	M523T31_	3.709179	1.8911	1.876699	0.098248	0.377063	UP	523.0191	523.0188
1673	M394T30_	3.896932	1.962339	1.906648	0.098424	0.377187	UP	394.1082	394.1078
1674	M323T28_	2.368779	1.244144	2.055048	0.098596	0.377306	UP	323.1308	323.1307
1675	M513T38	3.287711	1.717083	1.871837	0.098598	0.377307	UP	513.1193	513.1188
1676	M417T37	3.486428	1.80175	2.111424	0.09861	0.377316	UP	417.1948	417.1948
1677	M697T33	16.24915	4.022293	2.142913	0.098661	0.377351	UP	697.3972	697.397
1678	M1098T44	1.729628	0.790461	1.868853	0.098733	0.377402	UP	1097.797	1097.795
1679	M361T13	2.942312	1.55695	1.873501	0.098836	0.377473	UP	361.172	361.1718
1680	M297T11	2.475796	1.307892	2.048222	0.098884	0.377506	UP	297.1855	297.1846
1681	M737T41_	3.176173	1.66729	2.014103	0.098918	0.37753	UP	737.2309	737.229
1682	M529T31_	157.6059	7.300178	2.140419	0.099038	0.377612	UP	529.0676	529.0665
1683	M389T37	3.44833	1.785898	2.133431	0.099213	0.377733	UP	389.1619	389.1618
1684	M287T2	1272.318	10.31324	2.138311	0.099276	0.377777	UP	286.8919	286.8916
1685	M334T32_	71.56711	6.161225	2.137953	0.099297	0.377792	UP	333.9679	333.9678
1686	M513T22_	43.03797	5.427538	2.136635	0.099375	0.377845	UP	513.0875	513.0871
1687	M363T24	52.85638	5.724006	2.136333	0.099483	0.377919	UP	363.2169	363.2166
1688	M854T23	17.69279	4.145089	2.13205	0.099552	0.377966	UP	854.3554	854.3553
1689	M591T31_	22.53398	4.49403	2.133648	0.099699	0.378067	UP	591.0988	591.0983
1690	M307T2	376.7824	8.557588	2.134475	0.099705	0.378071	UP	306.892	306.8918
1691	M403T38	1.608116	-0.68537	-1.99965	0.099715	0.378078	DOWN	403.18	403.1799

1692	M276T30	2.243454	1.165721	2.050754	0.099734	0.378091	UP	276.2043	276.2039
1693	M553T39	62.07069	5.95584	2.133473	0.099815	0.378146	UP	553.1184	553.118
1694	M412T23_	3.808463	1.929209	1.931922	0.099947	0.378236	UP	412.0145	412.0143
1695	M1009T31	109.2564	6.771574	2.131978	0.099979	0.378258	UP	1009.153	1009.153
1696	M697T10_	74.59435	6.220995	2.13085	0.100031	0.378293	UP	697.301	697.3006
1697	M367T30_	6.752323	2.755384	2.128192	0.100067	0.378317	UP	367.2482	367.248
1698	M293T31_	3.348427	1.743484	1.867544	0.100332	0.378497	UP	293.1385	293.1384
1699	M318T15	5.294656	2.404537	2.073574	0.100403	0.378545	UP	318.0428	318.0427
1700	M1358T10	2.450037	1.292804	1.953722	0.100636	0.378702	UP	1358.022	1358.017
1701	M591T26_	3.218966	1.686598	1.864563	0.100671	0.378726	UP	590.864	590.8636
1702	M415T30	3.595201	1.846073	1.881894	0.100768	0.378791	UP	415.0689	415.0685
1703	M678T30	11.46075	-3.51863	-2.11163	0.100815	0.378823	DOWN	678.2745	678.2741
1704	M379T16	8.57249	3.099714	2.070992	0.101352	0.379182	UP	379.0184	379.0182
1705	M377T22	2.789246	1.479875	1.87454	0.101422	0.379228	UP	376.9988	376.9982
1706	M172T3	4.702257	2.233353	2.101429	0.101514	0.379289	UP	171.9817	171.9817
1707	M710T9_3	78.50911	-6.29479	-2.11778	0.101568	0.379325	DOWN	709.9351	709.9345
1708	M368T43	1.746377	0.804365	2.074983	0.101692	0.379407	UP	368.3523	368.3517
1709	M515T31	8.689043	-3.1192	-2.08997	0.101771	0.379459	DOWN	515.3125	515.3117
1710	M478T2	111.6232	6.802493	2.114562	0.101915	0.379554	UP	477.8225	477.8221
1711	M911T31	112.5805	6.814813	2.113908	0.102034	0.379633	UP	911.2285	911.2284
1712	M699T33	9.921221	3.310518	2.104735	0.102115	0.379686	UP	699.3936	699.3934
1713	M268T31_	1.954231	-0.9666	-1.84674	0.102178	0.379727	DOWN	267.647	267.6464
1714	M1216T44	2.263557	1.178592	1.991286	0.102192	0.379736	UP	1215.732	1215.731
1715	M369T19	2.63484	1.397715	2.095743	0.102325	0.379823	UP	369.2369	369.2368
1716	M557T44	1.249155	0.320952	1.844283	0.102448	0.379904	UP	557.4131	557.4122
1717	M608T31_	3.764124	-1.91231	-2.02132	0.102463	0.379914	DOWN	608.2686	608.2675
1718	M718T31	37.90468	-5.2443	-2.10722	0.102607	0.380007	DOWN	718.1692	718.1686
1719	M624T11_	8.516276	3.090223	2.062894	0.10264	0.380029	UP	624.2928	624.2927
1720	M529T31_	3.276101	1.71198	1.852578	0.102801	0.380134	UP	529.0101	529.0099
1721	M404T23	3.32246	1.732252	2.030841	0.102831	0.380153	UP	404.2198	404.2191
1722	M691T39	60.28918	5.913827	2.106951	0.102839	0.380158	UP	691.4913	691.4912
1723	M481T37	1.977975	-0.98402	-2.00011	0.102848	0.380165	DOWN	481.1558	481.1553
1724	M341T17	10.95501	3.453519	2.081678	0.102883	0.380187	UP	341.0896	341.0894
1725	M877T45	1.417023	0.502863	1.846396	0.10295	0.380231	UP	876.6628	876.6606
1726	M738T41_	2.964797	1.567933	1.967263	0.103005	0.380266	UP	738.2342	738.233
1727	M274T12	2.055694	1.039625	1.945793	0.103112	0.380335	UP	274.0842	274.0835
1728	M333T24	3.109368	1.636621	1.986084	0.103156	0.380364	UP	333.1527	333.1526
1729	M460T36	2.836431	1.504077	2.089962	0.10322	0.380405	UP	460.2654	460.2654
1730	M756T43_	1.408811	0.494478	1.880322	0.10324	0.380418	UP	755.5319	755.5304
1731	M307T33	4.557528	2.188252	2.072559	0.103364	0.380498	UP	307.1907	307.1906
1732	M628T29_	2.775943	-1.47298	-1.95294	0.103372	0.380503	DOWN	628.2588	628.2582
1733	M338T29_	3.246294	1.698794	1.842987	0.103416	0.380532	UP	337.5959	337.5957
1734	M361T29_	3.250698	1.700749	1.846974	0.103664	0.380691	UP	360.5983	360.5982
1735	M408T34	1.60771	-0.68501	-1.84148	0.103676	0.380699	DOWN	408.2018	408.2018
1736	M790T37	20.60427	4.364871	2.096448	0.103721	0.380728	UP	789.6139	789.613
1737	M371T42	1.39376	0.478982	1.852179	0.103741	0.38074	UP	371.1537	371.1536
1738	M370T11	4.384109	2.132284	2.002785	0.10375	0.380746	UP	370.2129	370.2126

1739	M696T33	10.10411	3.33687	2.096403	0.103791	0.380772	UP	696.4014	696.4005
1740	M509T31_	2.946486	1.558995	1.839227	0.103858	0.380815	UP	509.0418	509.0409
1741	M378T22_	2.388286	1.255975	1.873332	0.103884	0.380832	UP	378.1344	378.1338
1742	M698T31	2.833842	1.502759	1.855513	0.10397	0.380886	UP	698.19	698.1889
1743	M492T23	1.571131	-0.6518	-1.93349	0.104003	0.380908	DOWN	492.2942	492.2941
1744	M349T16	4.32669	2.113264	2.041973	0.104024	0.380921	UP	349.2207	349.2201
1745	M529T33_	94.40238	6.560751	2.095681	0.10414	0.380995	UP	529.0866	529.086
1746	M381T21_	2.418498	1.274111	1.897634	0.104161	0.381008	UP	381.1537	381.1536
1747	M587T37	86.84473	6.440366	2.095399	0.104188	0.381025	UP	587.0919	587.0917
1748	M335T32_	69.88467	6.126904	2.09473	0.104199	0.381032	UP	334.9604	334.9604
1749	M525T43_	1.175836	0.233686	1.852828	0.104208	0.381038	UP	524.7084	524.7073
1750	M628T29_	3.209508	-1.68235	-1.97779	0.104438	0.381184	DOWN	628.2927	628.2916
1751	M386T31_	3.102826	1.633583	1.913716	0.104577	0.381272	UP	385.5634	385.5632
1752	M568T31_	3.688226	1.882927	1.837397	0.104653	0.38132	UP	568.0408	568.0403
1753	M416T28	6.931486	2.793165	2.089851	0.104728	0.381367	UP	416.2698	416.2697
1754	M525T23_	2.296397	1.199372	1.83155	0.104809	0.381418	UP	525.3803	525.3787
1755	M763T31_	36.66777	5.196441	2.088827	0.10491	0.381481	UP	763.2978	763.2977
1756	M965T31	2.687119	1.42606	1.842666	0.105212	0.381671	UP	964.7158	964.7149
1757	M961T10	4.607709	2.20405	1.935969	0.105314	0.381735	UP	960.5981	960.5974
1758	M536T44_	1.254556	0.327176	1.830736	0.105367	0.381768	UP	536.4032	536.4022
1759	M225T24	2.336685	1.224463	2.062892	0.105547	0.38188	UP	225.1123	225.1122
1760	M564T9_1	9.597484	-3.26266	-2.06354	0.105777	0.382022	DOWN	564.2615	564.2611
1761	M306T13_	3.377234	-1.75584	-1.8818	0.105788	0.38203	DOWN	306.1043	306.1041
1762	M372T37_	2.341972	-1.22772	-1.97933	0.105792	0.382032	DOWN	372.1006	372.1001
1763	M290T29_	3.145944	1.653493	1.823413	0.105906	0.382103	UP	289.6405	289.6404
1764	M150T17	2.376236	1.248678	1.823466	0.106007	0.382165	UP	150.0266	150.0264
1765	M789T37	19.6614	4.297294	2.076433	0.106108	0.382227	UP	788.6105	788.6096
1766	M290T31	3.316388	1.729613	1.82072	0.106135	0.382244	UP	289.9747	289.9746
1767	M702T10_	4.890973	2.290121	2.008499	0.106211	0.38229	UP	701.5571	701.555
1768	M366T26_	5.078076	2.344282	2.075709	0.106332	0.382365	UP	366.2361	366.2359
1769	M1230T43	1.885176	0.9147	1.846421	0.106405	0.38241	UP	1229.877	1229.875
1770	M738T31	338.2839	8.40209	2.076784	0.106409	0.382412	UP	737.9409	737.9405
1771	M380T39_	34.69905	5.116824	2.076532	0.10642	0.382419	UP	380.316	380.3158
1772	M451T30_	1.890435	0.918718	1.863305	0.106469	0.382449	UP	451.1621	451.1616
1773	M622T38	90.80682	6.504729	2.076133	0.106477	0.382454	UP	622.4637	622.4633
1774	M400T10_	3.000435	1.585172	1.858369	0.10654	0.382493	UP	399.9362	399.9349
1775	M200T22_	1.754807	0.811312	1.875057	0.106556	0.382503	UP	200.0006	200.0005
1776	M499T31_	2.074374	-1.05268	-1.84384	0.106591	0.382524	DOWN	499.3478	499.3469
1777	M563T18_	2.957875	1.564561	1.843931	0.106776	0.382637	UP	562.8328	562.8321
1778	M576T26_	12.36979	3.628749	2.072479	0.106795	0.382648	UP	576.3439	576.3436
1779	M524T19	24.03587	4.587117	2.070446	0.106836	0.382673	UP	524.0303	524.0302
1780	M299T30_	2.308724	-1.2071	-1.88339	0.106969	0.382754	DOWN	299.3138	299.3135
1781	M522T11_	4.218798	2.076832	2.006158	0.107006	0.382777	UP	522.1918	522.1902
1782	M377T31_	3.42109	1.774456	1.818323	0.107025	0.382789	UP	377.0889	377.0885
1783	M528T31_	3.420601	-1.77425	-2.04848	0.107096	0.382832	DOWN	528.2934	528.293
1784	M648T30	1.414767	0.500565	1.896566	0.107146	0.382862	UP	648.4402	648.4395
1785	M319T26_	9.776358	-3.2893	-2.06219	0.107161	0.382871	DOWN	319.1172	319.1167

1786	M391T34_	7.680547	2.941209	2.03191	0.107314	0.382964	UP	391.1044	391.1042
1787	M297T31_	2.51307	1.329451	1.816208	0.107356	0.382989	UP	297.1466	297.1461
1788	M549T22_	5.649369	2.49809	1.939449	0.10769	0.383191	UP	548.8539	548.8527
1789	M693T22	21.65829	4.436848	2.062331	0.107696	0.383195	UP	693.2038	693.2034
1790	M684T13	3.306353	1.725241	1.84102	0.107846	0.383284	UP	683.5311	683.5291
1791	M205T11	29.11523	4.863702	2.062294	0.107849	0.383286	UP	205.0161	205.0157
1792	M683T31	827.8496	9.693225	2.063829	0.107983	0.383366	UP	683.3093	683.3091
1793	M748T19_	2.491153	1.316813	1.816508	0.108072	0.38342	UP	747.5441	747.5437
1794	M444T30_	1.280952	0.357217	1.828441	0.108076	0.383422	UP	444.3321	444.3314
1795	M700T30	36.73299	-5.199	-2.06153	0.108237	0.383518	DOWN	700.2561	700.2561
1796	M347T31_	3.002586	1.586205	1.857185	0.108238	0.383519	UP	347.1091	347.1089
1797	M766T10	3.599607	1.847839	1.941566	0.108377	0.383602	UP	765.5876	765.5861
1798	M261T11	25.95655	4.698027	2.055546	0.108537	0.383697	UP	261.0787	261.0776
1799	M405T22_	5.024505	2.328982	1.935145	0.108572	0.383718	UP	404.9937	404.9932
1800	M417T17_	64.89713	6.020083	2.058898	0.108585	0.383725	UP	417.1034	417.1006
1801	M966T44	1.490541	0.575836	1.825253	0.108623	0.383748	UP	965.7186	965.717
1802	M469T9	2.718527	-1.44283	-1.93944	0.108858	0.383887	DOWN	469.3384	469.3372
1803	M482T23	8.024328	-3.00438	-2.04953	0.108868	0.383893	DOWN	482.0213	482.0204
1804	M418T44_	1.415101	0.500905	1.844327	0.108872	0.383895	UP	418.2431	418.2428
1805	M655T30	7.147436	-2.83743	-1.97598	0.108876	0.383898	DOWN	655.3111	655.3103
1806	M379T41	1.796546	0.845226	1.806207	0.108953	0.383944	UP	379.2045	379.2039
1807	M642T16	4.856766	2.279996	2.050344	0.108956	0.383945	UP	642.3064	642.3061
1808	M522T11_	2.672576	1.418231	1.938083	0.109004	0.383974	UP	522.1561	522.1555
1809	M626T23	3.665148	1.873871	1.988298	0.10903	0.383989	UP	626.3231	626.3231
1810	M601T44	1.227486	0.295707	1.806606	0.109148	0.384058	UP	601.4398	601.4387
1811	M803T10	2.061337	1.04358	1.808462	0.109253	0.38412	UP	802.5272	802.5236
1812	M484T23_	7.938364	-2.98884	-2.04701	0.109334	0.384168	DOWN	484.0182	484.0173
1813	M566T18_	4.329409	2.11417	1.89978	0.10946	0.384241	UP	565.8569	565.8565
1814	M338T39_	29.42334	4.878889	2.050734	0.109491	0.384259	UP	337.697	337.697
1815	M183T19	2.721077	1.444178	1.837926	0.109507	0.384269	UP	182.9853	182.985
1816	M480T19	3.658957	1.871433	1.939543	0.109562	0.384301	UP	480.3596	480.3595
1817	M350T21_	3.689882	1.883575	1.902057	0.109585	0.384315	UP	350.0895	350.0892
1818	M623T11_	8.212048	3.037742	2.002662	0.1096	0.384324	UP	623.2897	623.2883
1819	M432T11_	3.031488	1.600026	1.841399	0.1096	0.384324	UP	431.8417	431.84
1820	M641T11	2.178786	1.123524	1.819712	0.109601	0.384324	UP	641.4137	641.4136
1821	M369T25_	2.748733	1.458767	1.89251	0.10963	0.384341	UP	369.0128	369.0125
1822	M250T16	3.322508	-1.73227	-2.00876	0.109643	0.384349	DOWN	250.0591	250.0589
1823	M596T9	91.90829	-6.52212	-2.04969	0.109701	0.384382	DOWN	596.0613	596.0603
1824	M902T11	7.869869	2.97634	2.007642	0.109795	0.384437	UP	901.5615	901.5604
1825	M424T38	2.08582	1.060615	1.800514	0.109926	0.384513	UP	424.406	424.4055
1826	M270T18	1.95365	-0.96617	-1.86507	0.109959	0.384532	DOWN	270.1016	270.1009
1827	M346T31_	3.133725	1.647879	1.836718	0.109969	0.384539	UP	346.1089	346.1089
1828	M673T32_	9.12781	3.190269	2.043217	0.110004	0.384559	UP	673.2499	673.2492
1829	M478T11_	2.598867	1.377883	1.798354	0.110104	0.384617	UP	478.155	478.1532
1830	M646T43_	1.268366	0.342971	1.797092	0.110186	0.384664	UP	645.9678	645.9664
1831	M838T11	4.499558	2.169783	1.867078	0.110197	0.384671	UP	838.3628	838.3601
1832	M710T9_4	71.79123	-6.16574	-2.04575	0.110201	0.384673	DOWN	710.0781	710.0779

1833	M303T31_	2.921795	1.546855	1.950697	0.11026	0.384707	UP	303.2235	303.2234
1834	M350T29_	3.211383	1.683195	1.802258	0.110333	0.384749	UP	349.5958	349.5953
1835	M516T31	9.798301	-3.29253	-2.01627	0.110416	0.384797	DOWN	515.8139	515.8135
1836	M681T31	20.49942	4.357512	2.042902	0.110491	0.38484	UP	681.0023	681.002
1837	M340T17	5.402266	2.433565	1.926486	0.110495	0.384843	UP	340.0927	340.0924
1838	M616T23	3.730661	1.899431	1.819031	0.110497	0.384844	UP	616.0654	616.0646
1839	M420T22_	8.138008	-3.02468	-2.01592	0.11057	0.384886	DOWN	419.9977	419.9973
1840	M281T7	6.498746	-2.70016	-2.01728	0.11067	0.384943	DOWN	281.0667	281.0664
1841	M422T22_	4.283014	-2.09863	-2.03691	0.110811	0.385025	DOWN	422.2061	422.2057
1842	M486T23	10.7195	-3.42217	-2.03279	0.110977	0.38512	DOWN	486.0167	486.016
1843	M328T18	2.079478	1.056221	1.820704	0.111113	0.385197	UP	328.2485	328.2479
1844	M715T23	3.099572	1.632069	1.790551	0.111158	0.385223	UP	714.9871	714.9862
1845	M430T29	2.735898	1.452015	1.998525	0.111171	0.385231	UP	430.1674	430.1673
1846	M683T29_	208.2217	7.701977	2.038127	0.111179	0.385235	UP	683.3096	683.3092
1847	M375T38	4.866508	-2.28289	-2.02455	0.111184	0.385238	DOWN	375.1796	375.1791
1848	M267T24	2.009274	1.006675	1.803094	0.111217	0.385257	UP	267.1593	267.1592
1849	M429T16_	10.15473	3.34408	2.00505	0.111326	0.385319	UP	428.9934	428.9933
1850	M525T16	12.60687	3.656138	2.013661	0.111364	0.38534	UP	524.9487	524.9478
1851	M674T31	3.390306	1.761415	1.788919	0.111429	0.385378	UP	674.2269	674.2265
1852	M403T23	21.36096	4.416905	2.035018	0.111435	0.385381	UP	403.2095	403.2094
1853	M674T10_	4.019909	2.007163	1.971393	0.111438	0.385382	UP	674.4003	674.398
1854	M644T29	32.29151	-5.01308	-2.03556	0.111441	0.385384	DOWN	644.2264	644.2262
1855	M386T10	3.199097	1.677665	1.87893	0.111633	0.385493	UP	386.0417	386.0405
1856	M361T29_	5.45775	2.448306	1.999102	0.111736	0.385552	UP	361.2014	361.2011
1857	M585T24	3.199158	1.677692	1.786831	0.111784	0.385579	UP	584.981	584.9801
1858	M734T43_	1.413661	0.499436	1.7869	0.111816	0.385597	UP	733.5186	733.5172
1859	M357T39_	2.189642	-1.13069	-1.85272	0.112102	0.385758	DOWN	357.3	357.2996
1860	M417T25_	6.289065	2.652846	1.99835	0.112195	0.38581	UP	417.2732	417.273
1861	M475T39	2.802894	1.486917	1.90796	0.112212	0.38582	UP	475.2354	475.2345
1862	M757T29_	2120.702	11.05033	2.029576	0.112267	0.385851	UP	757.3468	757.346
1863	M737T33	57.10264	5.835485	2.027864	0.112406	0.385929	UP	736.958	736.9577
1864	M227T9_2	6.139171	2.618044	1.958863	0.112494	0.385978	UP	227.1947	227.1942
1865	M204T12	7.572442	2.920759	2.01672	0.112511	0.385988	UP	204.1385	204.1383
1866	M224T17	2.476251	1.308158	1.811567	0.112564	0.386017	UP	224.1	224.0995
1867	M747T19_	2.353941	1.235078	1.792483	0.112608	0.386042	UP	746.5409	746.5392
1868	M259T4	14.57236	3.865163	2.019275	0.112693	0.386089	UP	258.9601	258.9599
1869	M463T26_	3.099094	1.631847	1.807722	0.112728	0.386109	UP	462.944	462.9438
1870	M723T11	7.932708	2.987813	1.963214	0.112808	0.386153	UP	723.2155	723.2143
1871	M296T31_	2.827118	1.499332	1.801751	0.112845	0.386174	UP	296.1465	296.1459
1872	M478T22_	4.40088	2.137792	1.877773	0.112908	0.386209	UP	478.0286	478.0285
1873	M710T9_5	38.63247	-5.27174	-2.02384	0.112958	0.386236	DOWN	710.2215	710.2206
1874	M831T35	4.404153	2.138865	1.923958	0.113109	0.38632	UP	830.6214	830.6209
1875	M463T18	3.035121	1.601754	1.820102	0.113141	0.386338	UP	462.9079	462.9073
1876	M511T38	4.329398	2.114166	1.818981	0.113313	0.386433	UP	511.1189	511.1187
1877	M420T33_	1.879689	0.910494	1.931791	0.113583	0.386582	UP	420.1844	420.1843
1878	M495T25	4.96793	2.312645	1.920752	0.113702	0.386648	UP	495.0404	495.0393
1879	M394T23_	2.316271	1.211804	1.785479	0.113748	0.386673	UP	394.2869	394.2865

1880	M531T36	1.91007	-0.93363	-1.81295	0.113791	0.386697	DOWN	531.3521	531.3511
1881	M687T39_	4.280528	2.097789	1.984369	0.113898	0.386755	UP	686.5199	686.5197
1882	M420T31	2.628581	1.394284	1.796609	0.113904	0.386759	UP	420.0873	420.0868
1883	M294T21	3.24643	1.698854	1.8622	0.11402	0.386822	UP	294.0808	294.0804
1884	M589T33	80.22373	6.325957	2.015684	0.114048	0.386838	UP	589.0797	589.0795
1885	M793T33	118.1708	6.884729	2.014825	0.114162	0.3869	UP	793.328	793.3277
1886	M355T28_	2.934223	-1.55298	-2.0131	0.114178	0.386908	DOWN	355.1459	355.1455
1887	M1727T9	5.985984	2.581588	1.924188	0.114186	0.386913	UP	1726.743	1726.741
1888	M656T29_	10.03816	-3.32742	-1.97734	0.114321	0.386986	DOWN	656.2538	656.2535
1889	M176T17_	3.949953	1.981835	1.88241	0.114325	0.386989	UP	176.373	176.3729
1890	M509T10_	4.131622	2.046708	1.941457	0.114333	0.386993	UP	509.4067	509.4051
1891	M712T43_	1.36688	0.450886	1.784574	0.114408	0.387034	UP	712.0071	712.0062
1892	M1009T44	1.58935	0.668437	1.770823	0.114542	0.387107	UP	1008.742	1008.74
1893	M644T31	3.836011	1.939607	1.783689	0.114573	0.387123	UP	643.953	643.9523
1894	M423T22_	2.867448	1.519767	1.788556	0.114679	0.387181	UP	422.7762	422.776
1895	M223T37	1.733499	-0.79369	-1.87108	0.114796	0.387244	DOWN	223.0636	223.0634
1896	M461T22_	12.57937	-3.65299	-2.0008	0.114857	0.387277	DOWN	461.0238	461.0236
1897	M428T44	1.400223	-0.48566	-1.81938	0.11488	0.387289	DOWN	428.1744	428.1743
1898	M465T39	1.330584	0.41206	1.769831	0.114923	0.387313	UP	465.3615	465.3607
1899	M692T39	7.355301	2.878784	2.002364	0.115276	0.387503	UP	692.4949	692.4944
1900	M362T29_	3.16838	1.663745	1.768505	0.115294	0.387513	UP	361.5958	361.5955
1901	M355T35	7.849556	2.972611	2.002272	0.115336	0.387535	UP	354.8016	354.8014
1902	M397T39	4.429161	-2.14703	-1.9945	0.115343	0.387539	DOWN	397.2921	397.2918
1903	M488T45	1.279643	-0.35574	-1.91129	0.115424	0.387582	DOWN	488.2693	488.269
1904	M867T22	3.934676	1.976245	1.842907	0.115444	0.387593	UP	866.8957	866.8951
1905	M187T2_2	2407.752	11.23347	2.004905	0.115468	0.387606	UP	186.9809	186.9808
1906	M686T10	2.569632	1.361562	1.825805	0.115503	0.387625	UP	685.6968	685.6943
1907	M459T39	5.709182	2.513284	1.990004	0.11552	0.387634	UP	459.139	459.139
1908	M364T37_	2.205798	1.1413	1.813341	0.115702	0.387731	UP	364.3057	364.3055
1909	M486T11	2.975254	1.573013	1.842831	0.116009	0.387894	UP	486.3738	486.3729
1910	M531T29	3.699287	1.887247	1.769184	0.116053	0.387918	UP	531.4918	531.4913
1911	M399T31	3.135419	1.648658	1.793665	0.116135	0.387961	UP	398.5607	398.5605
1912	M562T26	5.148931	-2.36427	-1.96223	0.116206	0.387999	DOWN	562.1904	562.1898
1913	M348T16_	4.25061	2.08767	1.946048	0.116231	0.388012	UP	348.2171	348.2072
1914	M443T11_	3.632834	1.861096	1.903486	0.116263	0.388029	UP	443.2285	443.2275
1915	M297T23_	2.588388	1.372054	1.88629	0.116286	0.388041	UP	297.115	297.1147
1916	M527T23	5.377539	-2.42695	-1.96208	0.116335	0.388067	DOWN	527.1256	527.1247
1917	M465T2	162.0117	7.339954	1.997847	0.116401	0.388102	UP	464.7219	464.7219
1918	M424T14_	9.956037	3.315572	1.983265	0.116667	0.388242	UP	424.2341	424.2332
1919	M661T31	4.268098	2.093593	1.830043	0.116789	0.388306	UP	661.2325	661.232
1920	M470T38	4.060569	2.021682	1.790107	0.116898	0.388363	UP	470.0924	470.0922
1921	M258T36	3.066943	1.616801	1.963438	0.116917	0.388374	UP	258.1934	258.1933
1922	M284T16_	5.331908	2.414652	1.930489	0.116931	0.388381	UP	284.0665	284.0664
1923	M681T10_	3.314594	1.728832	1.882325	0.116958	0.388395	UP	681.0169	681.0159
1924	M371T37_	2.257893	-1.17498	-1.93877	0.117064	0.38845	DOWN	371.1013	371.1008
1925	M462T45	1.41557	0.501383	1.75615	0.117157	0.388499	UP	461.8507	461.8506
1926	M391T31	2.619133	-1.38909	-1.86921	0.117171	0.388507	DOWN	391.0736	391.0731

1927	M527T16	48.33789	5.595083	1.990808	0.11726	0.388553	UP	527.1031	527.103
1928	M514T10_	18.69459	4.224549	1.986676	0.117301	0.388575	UP	514.2916	514.2911
1929	M710T44	1.83714	0.877462	1.957846	0.117322	0.388585	UP	710.3594	710.3592
1930	M327T31_	3.209563	1.682377	1.901788	0.117328	0.388589	UP	327.2358	327.2355
1931	M342T12	12.68608	3.665175	1.987779	0.117337	0.388593	UP	342.2091	342.2088
1932	M305T39_	5.132315	2.35961	1.973682	0.117399	0.388626	UP	304.7703	304.77
1933	M1359T9	2.465544	1.301906	1.821779	0.117586	0.388723	UP	1359.025	1359.02
1934	M183T14	1.668904	-0.7389	-1.79063	0.117608	0.388734	DOWN	183.0616	183.0615
1935	M401T22_	1.93625	-0.95327	-1.86097	0.117639	0.38875	DOWN	401.2538	401.2537
1936	M705T31	2.190246	-1.13109	-1.78919	0.117665	0.388764	DOWN	705.187	705.1859
1937	M658T34_	1.679893	0.748369	1.781707	0.117761	0.388813	UP	658.4895	658.4882
1938	M432T23_	1.87819	0.909343	1.778349	0.117839	0.388854	UP	432.2534	432.2513
1939	M866T11	5.400617	2.433124	1.939952	0.117846	0.388858	UP	866.3574	866.3562
1940	M435T26_	1.798981	0.84718	1.756165	0.117863	0.388866	UP	435.1403	435.14
1941	M1054T44	1.692051	0.758773	1.769871	0.117894	0.388882	UP	1053.771	1053.769
1942	M346T11_	22.04081	4.462105	1.985014	0.117906	0.388889	UP	346.0779	346.0774
1943	M306T31	3.808127	1.929082	1.775373	0.117926	0.388899	UP	306.1189	306.1187
1944	M879T45	1.433152	0.519192	1.750907	0.11819	0.389035	UP	878.6691	878.6672
1945	M391T28	3.7253	1.897357	1.815927	0.118239	0.38906	UP	391.178	391.1774
1946	M325T21	2.261601	-1.17734	-1.76772	0.118267	0.389075	DOWN	325.1005	325.0985
1947	M634T31	105.4527	6.720452	1.983573	0.118312	0.389098	UP	633.8208	633.8202
1948	M346T21_	2.867071	1.519578	1.890895	0.118392	0.389139	UP	346.3179	346.3172
1949	M399T10_	2.747073	1.457895	1.776143	0.11844	0.389163	UP	398.9417	398.9405
1950	M447T29_	3.692359	1.884543	1.940609	0.118453	0.38917	UP	447.1469	447.1465
1951	M591T25	5.232803	2.387584	1.927775	0.118463	0.389175	UP	591.201	591.2005
1952	M499T31_	1.765268	-0.81989	-1.7532	0.11851	0.389199	DOWN	498.9159	498.9148
1953	M390T25	2.963654	1.567377	1.752325	0.118539	0.389214	UP	390.1365	390.1361
1954	M499T30_	3.228306	1.690777	1.752716	0.11856	0.389225	UP	499.1755	499.1746
1955	M681T9_4	25.41206	-4.66744	-1.98006	0.118577	0.389234	DOWN	681.3557	681.3547
1956	M683T13	2.948646	1.560053	1.778917	0.118652	0.389272	UP	682.5276	682.5258
1957	M301T22_	6.457037	2.690872	1.961722	0.118736	0.389315	UP	301.056	301.0557
1958	M455T24_	3.025304	1.59708	1.78525	0.118741	0.389318	UP	455.1377	455.1374
1959	M646T30_	3.989386	1.996167	1.784974	0.118849	0.389373	UP	646.1099	646.1091
1960	M266T23_	3.032667	1.600587	1.804007	0.118896	0.389397	UP	266.084	266.0839
1961	M645T43	1.254962	0.327644	1.745411	0.119075	0.389488	UP	645.466	645.4648
1962	M651T11_	2.549427	1.350173	1.748834	0.11935	0.389627	UP	651.4699	651.4688
1963	M753T10	4.168734	2.059609	1.877186	0.119499	0.389703	UP	753.4732	753.4731
1964	M288T29_	2.834933	1.503315	1.742554	0.119588	0.389748	UP	287.6335	287.6329
1965	M334T36	2.053617	1.038167	1.926634	0.119618	0.389763	UP	334.2461	334.2459
1966	M430T42	1.129481	0.17566	1.752035	0.119696	0.389802	UP	430.3034	430.3023
1967	M164T10	2.260938	-1.17692	-1.74781	0.119716	0.389812	DOWN	163.6437	163.6435
1968	M1214T44	3.054857	1.611105	1.782744	0.119767	0.389838	UP	1213.732	1213.731
1969	M524T43	1.192269	0.253709	1.741308	0.119815	0.389862	UP	524.3739	524.3729
1970	M554T31	2.215005	-1.14731	-1.74353	0.119815	0.389862	DOWN	554.2556	554.2547
1971	M375T32_	4.05019	2.01799	1.844369	0.119917	0.389913	UP	375.1314	375.1311
1972	M550T34	1.987946	-0.99128	-1.82925	0.120032	0.389971	DOWN	550.3506	550.35
1973	M645T30	3.590892	1.844342	1.749024	0.120053	0.389982	UP	645.1065	645.1054

1974	M373T31_	16.35428	4.031596	1.969686	0.120173	0.390042	UP	373.1704	373.1619
1975	M717T27	2.225909	1.154395	1.75668	0.120201	0.390056	UP	716.5164	716.516
1976	M537T9	2.387736	-1.25564	-1.7485	0.120226	0.390068	DOWN	537.296	537.2946
1977	M264T21	3.120831	1.64193	1.818996	0.120227	0.390069	UP	264.102	264.1016
1978	M483T15	39.01147	5.285827	1.968679	0.120275	0.390093	UP	483.0036	483.0036
1979	M1144T44	1.692583	0.759226	1.739016	0.120303	0.390107	UP	1143.83	1143.829
1980	M286T2	4280.68	12.06362	1.968716	0.120346	0.390129	UP	285.8935	285.8932
1981	M962T10	4.703038	2.233593	1.877703	0.120365	0.390138	UP	961.6018	961.601
1982	M294T33	3.445676	1.784787	1.946278	0.120433	0.390172	UP	294.2147	294.2145
1983	M607T38	2.441559	1.287803	1.754443	0.120475	0.390193	UP	607.4581	607.4562
1984	M747T19_	2.1793	1.123865	1.739503	0.120606	0.390258	UP	746.5407	746.5387
1985	M684T31	121.2567	6.92192	1.965753	0.120752	0.39033	UP	684.3127	684.3125
1986	M705T43	2.570816	1.362226	1.769158	0.120757	0.390333	UP	705.4876	705.4875
1987	M420T22_	3.789603	-1.92205	-1.91578	0.120777	0.390343	DOWN	420.209	420.2082
1988	M640T33_	4.534775	2.181031	1.875925	0.12082	0.390364	UP	640.0314	640.0312
1989	M385T27_	3.591047	1.844404	1.91599	0.12085	0.390379	UP	385.2783	385.2781
1990	M758T29	42.04548	5.393879	1.963277	0.121083	0.390494	UP	758.3501	758.3496
1991	M366T14	178.1336	7.476816	1.963342	0.121089	0.390497	UP	366.2179	366.2177
1992	M369T22	3.577935	1.839127	1.839731	0.121097	0.390501	UP	368.9722	368.9721
1993	M249T14	9.58454	3.260709	1.956445	0.121109	0.390507	UP	249.1099	249.1096
1994	M464T37	1.727962	-0.78907	-1.80098	0.121161	0.390533	DOWN	464.1295	464.1285
1995	M365T38	3.037827	1.60304	1.747148	0.121353	0.390628	UP	365.1888	365.1881
1996	M458T27	3.261299	1.705447	1.799556	0.121383	0.390642	UP	457.518	457.5175
1997	M701T33	17.14394	4.099627	1.959382	0.121427	0.390664	UP	701.3546	701.3544
1998	M778T41	2.995961	1.583019	1.851639	0.121441	0.390671	UP	778.2579	778.257
1999	M410T11	1.995072	0.996441	1.748613	0.121534	0.390717	UP	410.3088	410.3081
2000	M922T44_	1.502861	0.587711	1.743006	0.121628	0.390763	UP	921.6924	921.6907
2001	M541T22	113.9818	6.83266	1.959258	0.121646	0.390772	UP	541.1554	541.155
2002	M349T27_	2.956224	1.563756	1.770673	0.12171	0.390803	UP	349.0897	349.0893
2003	M440T10_	3.445774	1.784828	1.85486	0.121851	0.390872	UP	440.161	440.1593
2004	M367T18	18.09197	4.177277	1.955223	0.121871	0.390882	UP	367.2211	367.221
2005	M580T44_	1.273909	0.349262	1.814346	0.121904	0.390898	UP	580.4295	580.4285
2006	M494T31_	1.784378	-0.83542	-1.73522	0.121994	0.390945	DOWN	493.783	493.7818
2007	M403T10_	2.342679	1.228159	1.78445	0.12269	0.391309	UP	403.1366	403.1352
2008	M406T20	163.6831	7.354761	1.951595	0.122732	0.391331	UP	406.2029	406.2026
2009	M345T31	2.628249	1.394102	1.786481	0.122741	0.391336	UP	345.1113	345.1111
2010	M487T15	8.504184	3.088173	1.944499	0.122788	0.39136	UP	487.1628	487.1624
2011	M621T11_	4.478554	2.163033	1.863845	0.122805	0.391369	UP	621.2946	621.2941
2012	M290T18	3.209966	-1.68256	-1.86797	0.122822	0.391378	DOWN	290.0921	290.0918
2013	M366T18	314.9756	8.299096	1.950817	0.122842	0.391388	UP	366.2179	366.2177
2014	M591T26_	3.545732	1.826084	1.851776	0.122938	0.391439	UP	591.2989	591.2985
2015	M304T33_	3.05545	1.611385	1.887171	0.122942	0.39144	UP	304.2356	304.2354
2016	M757T26	106.9907	6.741341	1.949796	0.122981	0.391461	UP	757.3463	757.3463
2017	M549T38	3.969508	1.98896	1.758564	0.123046	0.391494	UP	549.0017	549.0016
2018	M405T23	3.913064	1.968299	1.87392	0.123111	0.391528	UP	405.2231	405.2226
2019	M576T28	5.926593	2.567203	1.945325	0.123226	0.391588	UP	576.3438	576.3379
2020	M977T11	44.07339	5.461836	1.946736	0.123267	0.391608	UP	977.4395	977.438

2021	M519T38	6.200467	2.632377	1.849039	0.123382	0.391668	UP	519.0062	519.0056
2022	M333T37_	99.69689	6.639477	1.946174	0.123498	0.391728	UP	333.0257	333.024
2023	M320T34	2.256534	-1.17411	-1.92499	0.123634	0.391798	DOWN	320.2012	320.2008
2024	M545T11_	4.082997	2.029628	1.814853	0.123704	0.391834	UP	544.9255	544.9251
2025	M178T17_	2.292328	1.196814	1.729012	0.123744	0.391854	UP	178.0581	178.0577
2026	M288T23_	2.607157	1.382477	1.927381	0.123756	0.391861	UP	288.1596	288.1596
2027	M778T43_	1.549227	0.631548	1.752943	0.123819	0.391893	UP	777.545	777.5437
2028	M685T10_	3.736891	1.901838	1.884441	0.123825	0.391896	UP	684.6823	684.6799
2029	M437T22_	3.593639	1.845445	1.797282	0.123843	0.391905	UP	437.0022	437.0014
2030	M402T10_	2.397929	1.261789	1.722405	0.123888	0.391928	UP	402.1932	402.1858
2031	M691T43_	1.44781	0.533872	1.720281	0.123908	0.391938	UP	691.4983	691.4972
2032	M421T26	3.159209	1.659563	1.71989	0.124019	0.391995	UP	420.5103	420.5098
2033	M300T29_	2.787534	1.478989	1.718679	0.124055	0.392014	UP	299.6333	299.6327
2034	M467T38	1.309328	-0.38883	-1.78182	0.124061	0.392017	DOWN	467.1021	467.1014
2035	M725T44	2.924209	1.548046	1.861713	0.124158	0.392066	UP	725.3615	725.3608
2036	M418T45	1.242968	0.313789	1.727487	0.124212	0.392094	UP	418.2428	418.2427
2037	M646T43_	1.237314	0.307212	1.744333	0.124231	0.392104	UP	646.4691	646.4679
2038	M352T22_	1.743641	-0.8021	-1.75318	0.124304	0.392141	DOWN	352.1842	352.1841
2039	M787T39	2.955054	1.563184	1.783166	0.124393	0.39219	UP	786.5951	786.5949
2040	M315T24_	1.839005	0.878925	1.731739	0.124634	0.392324	UP	315.1227	315.1224
2041	M447T22	2.722385	1.444871	1.714879	0.124713	0.392368	UP	446.9334	446.9326
2042	M324T9_3	3.699498	1.887329	1.757246	0.124727	0.392376	UP	324.1598	324.1591
2043	M300T29_	2.888025	1.530083	1.714043	0.124888	0.392465	UP	300.135	300.1345
2044	M500T30_	3.336791	1.738461	1.724798	0.124932	0.392489	UP	500.179	500.1783
2045	M1232T43	2.112342	1.078843	1.758817	0.125124	0.392595	UP	1231.882	1231.882
2046	M310T35_	2.916629	-1.5443	-1.82058	0.125144	0.392606	DOWN	310.3296	310.3293
2047	M1384T9_	11.42132	3.513658	1.903879	0.125227	0.392652	UP	1383.985	1383.983
2048	M499T9_4	3.118276	-1.64075	-1.87383	0.125246	0.392662	DOWN	499.368	499.3674
2049	M561T9	6.850676	-2.77625	-1.91666	0.125277	0.392679	DOWN	561.2628	561.2611
2050	M745T45	1.424249	-0.5102	-1.71175	0.125314	0.3927	DOWN	744.5838	744.5824
2051	M379T21	2.233082	-1.15904	-1.78473	0.125465	0.392783	DOWN	379.1242	379.1165
2052	M566T28	8.164636	-3.02939	-1.91918	0.125611	0.392863	DOWN	566.2029	566.2028
2053	M301T23_	5.54836	2.472062	1.874269	0.125676	0.392898	UP	300.9924	300.9924
2054	M540T26_	11.76984	3.557023	1.92083	0.125681	0.392901	UP	539.9715	539.9715
2055	M563T9	7.510973	-2.909	-1.90894	0.125838	0.392987	DOWN	563.2593	563.2581
2056	M1458T10	5.001488	2.322357	1.902785	0.12595	0.393048	UP	1457.947	1457.943
2057	M847T39	29.91753	4.902919	1.927197	0.12607	0.393114	UP	846.6524	846.6512
2058	M999T44_	2.312446	1.20942	1.71303	0.126123	0.393142	UP	999.4992	999.4964
2059	M554T35	18.93502	4.242985	1.925366	0.126284	0.39323	UP	554.1054	554.1051
2060	M716T41	2.954722	1.563022	1.850077	0.126317	0.393248	UP	716.3236	716.3221
2061	M725T32	3.331178	1.736033	1.725599	0.126581	0.393391	UP	725.2097	725.2093
2062	M279T2	590.2587	9.205203	1.924082	0.126675	0.393442	UP	278.8969	278.8886
2063	M828T9_2	17.27489	-4.1106	-1.92008	0.126843	0.393532	DOWN	828.2573	828.2566
2064	M754T40	2.178914	-1.12361	-1.84723	0.126931	0.39358	DOWN	754.4428	754.4423
2065	M407T20	162.8372	7.347286	1.921284	0.12708	0.39366	UP	407.2063	407.2059
2066	M408T41_	3.736969	1.901869	1.814128	0.127103	0.393672	UP	407.6558	407.6554
2067	M401T21_	2.135227	-1.09439	-1.75543	0.127111	0.393676	DOWN	401.1635	401.1631

2068	M558T44_	1.226083	0.294057	1.702765	0.127246	0.393749	UP	557.9147	557.914
2069	M801T31	144.6378	7.176301	1.91938	0.127357	0.393809	UP	801.2822	801.2821
2070	M385T10_	2.894944	1.533535	1.764311	0.127399	0.393831	UP	385.0471	385.0458
2071	M350T29_	3.096438	1.630609	1.711372	0.127421	0.393842	UP	350.0975	350.0968
2072	M407T30_	5.495347	2.458211	1.910655	0.127449	0.393858	UP	407.2174	407.2173
2073	M321T26_	7.243653	-2.85672	-1.91334	0.127531	0.393901	DOWN	321.1158	321.1156
2074	M377T7	4.99222	-2.31968	-1.87537	0.127637	0.393958	DOWN	377.0054	377.0049
2075	M381T21_	2.568384	-1.36086	-1.79673	0.12781	0.39405	DOWN	381.1212	381.1121
2076	M1100T44	1.820544	0.86437	1.712525	0.127867	0.39408	UP	1099.803	1099.802
2077	M265T37	2.160781	1.111553	1.898483	0.127963	0.394131	UP	265.195	265.1948
2078	M389T10_	2.524626	1.33607	1.795368	0.128013	0.394158	UP	389.4701	389.4692
2079	M565T39_	50.29839	5.65244	1.913987	0.128149	0.39423	UP	565.1406	565.1406
2080	M422T19_	6.82727	2.771309	1.873433	0.12816	0.394236	UP	422.0836	422.0833
2081	M563T32	2.910483	1.541259	1.746765	0.128162	0.394237	UP	562.9604	562.9601
2082	M465T34	4.571434	2.192647	1.892963	0.128195	0.394255	UP	464.8475	464.8471
2083	M286T19_	8.334548	3.059104	1.902273	0.128302	0.394311	UP	286.1112	286.111
2084	M412T15	2.290732	1.195808	1.69585	0.128395	0.39436	UP	412.1759	412.1755
2085	M350T21_	4.482035	2.164154	1.847149	0.128618	0.394478	UP	349.709	349.7086
2086	M747T43	1.37298	0.45731	1.694574	0.128633	0.394486	UP	747.0186	747.0172
2087	M490T30_	15.42603	3.947295	1.901086	0.128733	0.394539	UP	490.1161	490.1159
2088	M382T31_	3.090285	1.62774	1.695968	0.128775	0.394561	UP	382.0877	382.0874
2089	M459T25	161.8533	7.338543	1.90927	0.128854	0.394602	UP	459.1932	459.193
2090	M848T39	29.2933	4.872499	1.907494	0.128936	0.394645	UP	847.6559	847.6551
2091	M295T21_	1.74701	0.804888	1.693991	0.12896	0.394658	UP	295.0846	295.084
2092	M536T26_	240.4982	7.909883	1.90842	0.12898	0.394668	UP	536.3488	536.3485
2093	M615T23	3.02678	1.597784	1.693727	0.129004	0.394681	UP	615.0617	615.061
2094	M536T25	3.640027	1.863949	1.708264	0.129161	0.394763	UP	536.0675	536.0668
2095	M1724T9	7.337865	2.87536	1.856901	0.129197	0.394782	UP	1724.235	1724.233
2096	M355T28_	2.393524	1.259136	1.815694	0.129307	0.39484	UP	355.2039	355.2036
2097	M1276T43	2.264811	1.179391	1.727878	0.129525	0.394953	UP	1275.908	1275.905
2098	M498T31_	1.756855	-0.813	-1.69595	0.129566	0.394974	DOWN	498.3456	498.3445
2099	M470T11_	4.338884	2.117324	1.836235	0.129622	0.395004	UP	470.2506	470.25
2100	M524T31_	3.505359	1.809562	1.690634	0.129735	0.395062	UP	524.0171	524.0167
2101	M525T23	9.079044	-3.18254	-1.89309	0.129757	0.395074	DOWN	525.1272	525.1264
2102	M572T31_	45.39459	5.504449	1.902017	0.129868	0.395131	UP	572.0933	572.0933
2103	M510T33_	2.252614	-1.1716	-1.81044	0.129961	0.39518	DOWN	510.3555	510.3546
2104	M199T25	2.587478	-1.37155	-1.87564	0.130039	0.39522	DOWN	199.1693	199.169
2105	M465T30	1.747832	0.805567	1.686482	0.130195	0.3953	UP	464.8134	464.8127
2106	M491T26_	3.028887	1.598788	1.709615	0.130215	0.395311	UP	490.9389	490.9387
2107	M416T29	85.11138	6.41128	1.898655	0.130434	0.395424	UP	416.1872	416.1867
2108	M857T11_	3.425072	1.776134	1.745948	0.130464	0.395439	UP	856.5321	856.5308
2109	M707T31	2.279082	-1.18845	-1.71872	0.13053	0.395473	DOWN	707.1825	707.1823
2110	M654T30	4.728568	-2.2414	-1.85729	0.130609	0.395513	DOWN	654.3081	654.3076
2111	M535T44	1.221596	0.288768	1.684967	0.130619	0.395519	UP	535.4001	535.3991
2112	M484T11	33.19665	5.052966	1.895711	0.130709	0.395565	UP	484.072	484.0717
2113	M423T10_	21.86464	-4.45053	-1.88973	0.130796	0.39561	DOWN	423.1588	423.1584
2114	M471T38	3.482949	1.800309	1.706589	0.13081	0.395616	UP	471.0958	471.0958

2115	M307T17_	3.157023	1.658565	1.869859	0.130819	0.395621	UP	307.1519	307.1519
2116	M297T37	1.722743	-0.78471	-1.76275	0.130855	0.39564	DOWN	297.0825	297.0821
2117	M562T9	8.893187	-3.1527	-1.88865	0.131065	0.395747	DOWN	562.2652	562.2648
2118	M554T42_	1.245114	0.316278	1.705217	0.131178	0.395805	UP	554.0593	554.0582
2119	M431T20	90.74569	6.503757	1.893394	0.131202	0.395817	UP	431.1981	431.1888
2120	M789T10	2.588374	-1.37205	-1.70537	0.131226	0.395829	DOWN	789.4281	789.4272
2121	M200T2	344.9758	8.430351	1.892993	0.131296	0.395865	UP	200.4222	200.422
2122	M471T29_	3.671455	1.876352	1.693635	0.131436	0.395936	UP	470.5258	470.5253
2123	M487T23_	6.80107	-2.76576	-1.86745	0.131473	0.395955	DOWN	487.0198	487.0198
2124	M349T21_	18.28513	4.192599	1.891376	0.131514	0.395975	UP	349.2107	349.2105
2125	M782T30	3.580473	-1.84015	-1.78859	0.131613	0.396026	DOWN	782.1955	782.1946
2126	M299T29	2.865422	1.518748	1.680328	0.13171	0.396075	UP	298.6357	298.6356
2127	M345T20_	2.522321	1.334752	1.747733	0.131715	0.396078	UP	345.1768	345.1766
2128	M328T32_	6.005465	2.586276	1.839928	0.131745	0.396093	UP	327.6483	327.6482
2129	M256T23	2.784203	1.477264	1.678714	0.131955	0.396199	UP	255.5824	255.5823
2130	M1725T9_	8.753534	3.129866	1.857422	0.131976	0.39621	UP	1724.736	1724.73
2131	M386T29_	3.00336	1.586577	1.699432	0.132063	0.396253	UP	386.0624	386.0618
2132	M322T23_	3.648891	1.867458	1.737641	0.132085	0.396264	UP	322.2855	322.2853
2133	M334T11	2.229149	1.156493	1.689357	0.132184	0.396314	UP	334.1289	334.1283
2134	M536T44_	1.231598	0.300531	1.681268	0.132243	0.396344	UP	535.9017	535.9008
2135	M639T26	58.69833	5.875248	1.886652	0.132254	0.39635	UP	639.2991	639.2986
2136	M267T27_	12.51261	-3.64531	-1.8848	0.132421	0.396433	DOWN	267.1957	267.1955
2137	M437T2	477.9257	8.900642	1.88463	0.13257	0.396508	UP	436.7271	436.7271
2138	M483T23_	6.736793	-2.75206	-1.88344	0.132577	0.396512	DOWN	483.0242	483.0237
2139	M555T31_	3.694099	-1.88522	-1.74225	0.1326	0.396523	DOWN	554.7573	554.7563
2140	M472T22_	2.769395	1.469571	1.67442	0.132634	0.39654	UP	471.9445	471.9442
2141	M537T26_	7766.512	12.92305	1.883578	0.132731	0.396589	UP	537.3518	537.3513
2142	M624T43_	1.21211	0.277521	1.705698	0.132733	0.39659	UP	624.456	624.455
2143	M397T29_	3.31494	1.728983	1.676163	0.132844	0.396645	UP	396.5634	396.5632
2144	M683T20	60.45542	5.9178	1.881998	0.132956	0.396701	UP	683.3744	683.3739
2145	M297T30	3.296984	1.721147	1.679046	0.13296	0.396703	UP	297.0188	297.0186
2146	M230T22_	4.235518	2.082538	1.82266	0.133134	0.39679	UP	230.0239	230.0239
2147	M878T45	1.39591	0.481205	1.672921	0.133144	0.396795	UP	877.6661	877.6643
2148	M565T9_1	8.44179	-3.07755	-1.86127	0.133255	0.39685	DOWN	565.2571	565.2568
2149	M386T29_	3.088743	1.62702	1.679817	0.13334	0.396892	UP	385.5607	385.5604
2150	M357T13	2.420821	1.275496	1.805673	0.133464	0.396954	UP	357.2752	357.2746
2151	M1725T9_	8.680759	3.117821	1.845553	0.133478	0.39696	UP	1725.238	1725.236
2152	M324T12	3.570189	1.836	1.773287	0.133491	0.396967	UP	324.2902	324.2895
2153	M321T33_	9.212451	3.203585	1.872259	0.133551	0.396997	UP	321.2071	321.2068
2154	M443T23_	8.071913	-3.01291	-1.87174	0.133597	0.39702	DOWN	442.9912	442.9908
2155	M311T29	2.825078	1.498291	1.669518	0.133632	0.397037	UP	310.6359	310.6356
2156	M720T11	2.779034	1.474583	1.735945	0.133765	0.397103	UP	719.791	719.7895
2157	M294T28_	19.09461	-4.25509	-1.86848	0.133848	0.397144	DOWN	294.221	294.2179
2158	M813T23	73.69323	6.20346	1.876095	0.133851	0.397145	UP	813.2221	813.2204
2159	M354T26	2.446606	1.290782	1.669538	0.133884	0.397161	UP	354.1367	354.1364
2160	M317T28_	1.602043	0.679913	1.701037	0.133921	0.397179	UP	317.0667	317.0666
2161	M465T18	2.599043	1.377981	1.692685	0.134108	0.397272	UP	464.9082	464.9078

2162	M496T38	1.656638	-0.72826	-1.68532	0.134109	0.397272	DOWN	496.4203	496.42
2163	M464T2	3235.498	11.65977	1.874242	0.134171	0.397302	UP	463.8064	463.8063
2164	M513T11_	67.46416	6.076049	1.873729	0.134236	0.397334	UP	513.2792	513.2707
2165	M276T31_	2.747904	1.458332	1.69761	0.134384	0.397406	UP	275.6333	275.6329
2166	M628T10	3.175556	1.667009	1.703964	0.134543	0.397485	UP	628.3537	628.3531
2167	M473T33	2.136959	-1.09556	-1.67304	0.134575	0.3975	DOWN	473.1631	473.1628
2168	M382T33	3.378517	1.75639	1.85179	0.134642	0.397533	UP	382.2226	382.2226
2169	M564T28_	7.530883	-2.91282	-1.85657	0.134674	0.397548	DOWN	564.2063	564.2054
2170	M374T29_	2.453288	1.294717	1.69854	0.134677	0.39755	UP	374.2709	374.2706
2171	M783T28	375.6933	8.553412	1.870716	0.134719	0.39757	UP	783.3318	783.3312
2172	M220T3	8.914879	3.156215	1.869619	0.134839	0.397629	UP	220.0392	220.0391
2173	M645T31_	2.810495	1.490824	1.770458	0.134873	0.397646	UP	644.9509	644.9503
2174	M249T18	2.688931	-1.42703	-1.85339	0.134884	0.397651	DOWN	249.0656	249.0652
2175	M647T38	8.565507	3.098539	1.826416	0.13529	0.397848	UP	646.9264	646.926
2176	M388T42_	55.39869	5.79178	1.866166	0.135403	0.397903	UP	388.1401	388.1399
2177	M467T23	6.500713	2.700598	1.832236	0.135431	0.397916	UP	467.1152	467.1149
2178	M317T26_	4.893989	-2.29101	-1.86391	0.135561	0.397979	DOWN	317.1203	317.1199
2179	M288T29_	2.77161	1.470724	1.659781	0.135562	0.397979	UP	288.1351	288.1347
2180	M409T29_	3.104681	1.634445	1.669582	0.135645	0.39802	UP	408.5634	408.5631
2181	M391T14	2.497	1.320196	1.679875	0.135685	0.398039	UP	391.2958	391.2947
2182	M371T26_	3.148709	1.654761	1.658887	0.135746	0.398068	UP	370.5479	370.5477
2183	M345T12	34.89964	5.12514	1.862777	0.135793	0.398091	UP	345.0455	345.0455
2184	M351T29_	2.397243	1.261376	1.658853	0.13593	0.398157	UP	351.0977	351.0972
2185	M305T29	4.362256	-2.12507	-1.8163	0.136034	0.398207	DOWN	304.6287	304.6283
2186	M359T14	37.81049	5.240715	1.860782	0.136037	0.398208	UP	359.0613	359.0612
2187	M489T30_	1.200784	0.263976	1.662614	0.136208	0.39829	UP	489.3616	489.3608
2188	M250T39	1.322082	-0.40281	-1.79251	0.136291	0.398329	DOWN	250.0862	250.0859
2189	M268T27_	13.40604	-3.74481	-1.85867	0.136375	0.39837	DOWN	268.199	268.1988
2190	M223T17	2.180897	1.124921	1.664278	0.136471	0.398416	UP	223.0967	223.0962
2191	M696T31_	2.761578	1.465493	1.846324	0.136485	0.398422	UP	696.3665	696.3661
2192	M595T10_	2.501393	1.322732	1.695401	0.136527	0.398442	UP	595.4066	595.4055
2193	M177T17	2.078418	1.055486	1.656288	0.136565	0.398461	UP	177.0548	177.0543
2194	M581T44	1.246107	0.317427	1.658944	0.136569	0.398463	UP	580.931	580.93
2195	M434T26_	2.525251	1.336427	1.728889	0.13661	0.398482	UP	434.3842	434.3837
2196	M579T44	1.27399	0.349354	1.655744	0.136664	0.398508	UP	579.4264	579.4254
2197	M572T44	1.219628	0.286441	1.65763	0.136675	0.398513	UP	571.9164	571.9155
2198	M622T9_1	249.8537	-7.96494	-1.85753	0.13679	0.398568	DOWN	621.5694	621.5694
2199	M392T14	2.595335	1.375921	1.684777	0.13682	0.398582	UP	392.299	392.298
2200	M655T28	37.19233	5.216933	1.856742	0.136882	0.398612	UP	655.2782	655.2781
2201	M579T39	39.63284	5.308624	1.856427	0.136913	0.398626	UP	579.1175	579.1172
2202	M469T26_	3.14353	1.652386	1.653212	0.136918	0.398629	UP	469.0611	469.0609
2203	M598T31_	3.060867	1.613941	1.707026	0.136971	0.398654	UP	598.453	598.4521
2204	M867T11	4.240492	2.084232	1.79961	0.13706	0.398696	UP	867.3609	867.3595
2205	M968T44	1.640109	0.713791	1.665604	0.137088	0.398709	UP	967.7247	967.7237
2206	M435T18_	2.865638	1.518856	1.680234	0.137143	0.398735	UP	434.913	434.9124
2207	M491T27_	6.98639	2.804547	1.85411	0.137205	0.398765	UP	491.2991	491.2978
2208	M383T33_	4.307212	2.106754	1.835392	0.137452	0.398881	UP	383.1562	383.1561

2209	M460T25	301.1392	8.234287	1.852985	0.137513	0.39891	UP	460.1964	460.1963
2210	M748T31	2.515399	1.330788	1.660819	0.13757	0.398937	UP	748.2056	748.2053
2211	M610T25	272.4385	8.089787	1.852557	0.137581	0.398942	UP	610.386	610.3857
2212	M184T31	2.073898	-1.05235	-1.7309	0.137667	0.398983	DOWN	184.0732	184.0729
2213	M321T18	1.683914	0.751819	1.654267	0.13779	0.39904	UP	321.2277	321.2271
2214	M437T20	26.34757	-4.7196	-1.85049	0.137802	0.399046	DOWN	437.273	437.2727
2215	M363T21	3.830116	1.937388	1.83839	0.137903	0.399093	UP	363.1876	363.1874
2216	M424T45	1.404349	-0.4899	-1.6629	0.138361	0.399307	DOWN	424.3091	424.3084
2217	M157T22	2.246339	1.167575	1.648678	0.138379	0.399316	UP	156.9946	156.9946
2218	M255T4	19.94132	4.317689	1.844869	0.138404	0.399327	UP	254.9649	254.9649
2219	M472T30_	1.973104	-0.98047	-1.65005	0.13842	0.399335	DOWN	472.3398	472.3395
2220	M561T29_	2.569555	1.361518	1.724476	0.138421	0.399336	UP	560.9027	560.9018
2221	M689T39	5.008613	2.324411	1.84384	0.138497	0.399371	UP	688.5425	688.5424
2222	M745T31	3.159142	1.659533	1.646888	0.138587	0.399413	UP	744.8758	744.8756
2223	M255T17_	1.704044	-0.76896	-1.65226	0.138678	0.399455	DOWN	255.1566	255.1562
2224	M589T44	1.966919	0.975937	1.650418	0.138678	0.399455	UP	589.3892	589.3884
2225	M334T25	3.194327	1.675512	1.651972	0.138876	0.399547	UP	334.0741	334.0739
2226	M422T38_	1.759289	0.814993	1.644633	0.138896	0.399556	UP	422.3993	422.3985
2227	M417T28	12.02421	3.58787	1.841228	0.139016	0.399612	UP	417.2733	417.2732
2228	M746T19_	2.266324	1.180354	1.652536	0.139019	0.399613	UP	745.5374	745.5357
2229	M436T33	1.635702	0.70991	1.643235	0.139044	0.399625	UP	436.3087	436.3081
2230	M418T26_	3.086449	1.625948	1.663362	0.13939	0.399784	UP	418.1313	418.1309
2231	M759T29_	25.43516	4.668752	1.840109	0.139547	0.399856	UP	759.3549	759.3534
2232	M828T9_1	15.98574	-3.99871	-1.83759	0.139562	0.399864	DOWN	827.9235	827.9229
2233	M430T44	1.860451	0.895653	1.797538	0.139581	0.399872	UP	430.2074	430.2071
2234	M312T29_	2.667751	1.415624	1.640876	0.139626	0.399893	UP	311.6334	311.6326
2235	M235T23	2.675049	1.419566	1.641038	0.139658	0.399908	UP	235.0691	235.069
2236	M534T24_	2878.59	11.49115	1.839328	0.139707	0.39993	UP	534.2402	534.2398
2237	M318T30_	8.1145	-3.0205	-1.82163	0.139802	0.399974	DOWN	318.1381	318.1377
2238	M394T26_	1.599323	-0.67746	-1.6392	0.139826	0.399985	DOWN	394.162	394.1616
2239	M889T37	4.829141	2.271767	1.782177	0.139899	0.400018	UP	888.6632	888.6621
2240	M504T11_	2.805813	1.488419	1.776359	0.140015	0.400071	UP	504.1298	504.1244
2241	M828T10	8.103416	3.01853	1.799953	0.140051	0.400088	UP	828.4155	828.4145
2242	M800T43	1.509182	0.593767	1.655832	0.140246	0.400177	UP	800.0601	800.0587
2243	M376T17_	10.93637	3.451062	1.830392	0.140447	0.400268	UP	376.0842	376.084
2244	M451T9_4	3.422367	-1.77499	-1.78972	0.140529	0.400305	DOWN	451.328	451.3275
2245	M385T31_	2.956207	1.563747	1.669914	0.140531	0.400307	UP	384.5632	384.5631
2246	M288T18_	2.760554	1.464958	1.635571	0.140577	0.400328	UP	287.889	287.8885
2247	M307T31_	3.519683	1.815445	1.660694	0.140728	0.400396	UP	306.6205	306.6202
2248	M480T23	2.002687	1.001937	1.703559	0.140924	0.400484	UP	480.3022	480.3022
2249	M784T28	255.0803	7.994808	1.830494	0.141145	0.400584	UP	784.3353	784.3345
2250	M515T9	4.11492	-2.04086	-1.79576	0.141227	0.400621	DOWN	515.256	515.2555
2251	M652T29_	3.64124	-1.86443	-1.76867	0.141257	0.400635	DOWN	652.2928	652.2916
2252	M675T10_	3.134403	1.648191	1.742248	0.141303	0.400656	UP	675.4196	675.4174
2253	M385T9_3	2.07788	-1.05511	-1.67258	0.14131	0.400659	DOWN	384.9161	384.916
2254	M675T33_	9.926927	3.311347	1.823882	0.141979	0.400959	UP	675.3449	675.3444
2255	M727T21	27.214	4.766277	1.824982	0.141983	0.40096	UP	727.389	727.3884

2256	M526T31	3.243275	1.697451	1.628656	0.142035	0.400984	UP	526.0176	526.0173
2257	M435T9_2	11.47798	-3.5208	-1.81502	0.14204	0.400986	DOWN	435.147	435.1468
2258	M576T22	6.109083	2.610956	1.791087	0.142055	0.400993	UP	576.099	576.0988
2259	M834T45	1.276555	0.352256	1.629469	0.142079	0.401003	UP	833.6398	833.6382
2260	M422T31	2.726394	1.446994	1.633527	0.14213	0.401026	UP	422.111	422.1107
2261	M946T31	3.835267	1.939327	1.651416	0.142133	0.401028	UP	946.0409	946.0391
2262	M196T12	2.4203	1.275186	1.630594	0.142258	0.401083	UP	196.1122	196.1122
2263	M791T37_	3.069329	1.617923	1.765319	0.142321	0.401111	UP	790.5896	790.589
2264	M236T23_	2.784372	1.477352	1.62744	0.142332	0.401116	UP	235.5709	235.5708
2265	M501T31	2.204754	-1.14062	-1.656	0.142362	0.401129	DOWN	500.5775	500.5764
2266	M453T41_	28.8903	4.852513	1.822076	0.142419	0.401155	UP	452.8504	452.8502
2267	M1385T9_	7.583192	2.922805	1.786466	0.142436	0.401162	UP	1385.482	1385.477
2268	M1386T9	8.048931	3.008797	1.789741	0.142478	0.401181	UP	1386.485	1386.48
2269	M727T31	107.1589	6.743608	1.822096	0.142509	0.401195	UP	726.9092	726.9091
2270	M290T34	2.544306	-1.34727	-1.70248	0.142517	0.401198	DOWN	290.215	290.2146
2271	M741T31	3.491631	1.803901	1.63255	0.142691	0.401275	UP	740.8799	740.8795
2272	M247T3	77.67027	6.279291	1.820895	0.142727	0.401291	UP	246.8623	246.8622
2273	M700T31_	2.745845	1.45725	1.633794	0.142765	0.401308	UP	700.1854	700.1853
2274	M568T28_	10.21384	-3.35245	-1.80728	0.142794	0.401321	DOWN	568.2014	568.2014
2275	M839T18	3.210547	1.682819	1.650001	0.142859	0.40135	UP	838.8634	838.8623
2276	M368T14	5.74781	2.523012	1.803769	0.142918	0.401376	UP	368.1973	368.197
2277	M630T32_	7.2551	-2.859	-1.80225	0.142993	0.401409	DOWN	630.275	630.2739
2278	M410T20	3.998506	1.999461	1.79417	0.143049	0.401434	UP	410.2342	410.2341
2279	M1726T9_	8.790269	3.135907	1.798893	0.143073	0.401444	UP	1725.74	1725.738
2280	M317T26_	3.853346	1.946112	1.767857	0.143179	0.401491	UP	317.2116	317.2112
2281	M709T10_	2.424038	1.277412	1.662729	0.143202	0.401501	UP	708.5478	708.5461
2282	M447T18	2.291733	-1.19644	-1.64212	0.143217	0.401508	DOWN	447.0082	447.0081
2283	M365T2	338.6663	8.403721	1.817944	0.143219	0.401508	UP	364.7977	364.7975
2284	M460T32	2.066131	-1.04693	-1.73775	0.143441	0.401606	DOWN	460.3424	460.342
2285	M652T26	61.28984	5.937576	1.816097	0.143484	0.401625	UP	652.1957	652.1948
2286	M647T32	30.11308	-4.91232	-1.81573	0.143501	0.401632	DOWN	647.2648	647.2643
2287	M564T33_	2.730749	1.449296	1.798712	0.143546	0.401652	UP	564.3882	564.38
2288	M466T37	2.079582	-1.05629	-1.64991	0.143577	0.401666	DOWN	466.1258	466.1255
2289	M759T29_	37.6583	5.234896	1.814243	0.143682	0.401712	UP	759.3409	759.3401
2290	M779T41	3.213411	1.684105	1.7454	0.143733	0.401734	UP	779.2613	779.2607
2291	M340T10_	10.88481	3.444245	1.813466	0.143763	0.401747	UP	340.1139	340.1064
2292	M693T33_	10.76102	3.427743	1.813198	0.143818	0.401771	UP	693.4029	693.4024
2293	M378T17	62.1978	5.958792	1.814181	0.143844	0.401782	UP	378.2178	378.2176
2294	M401T18_	2.224512	1.153489	1.627698	0.144145	0.401914	UP	401.0307	401.0306
2295	M432T20_	46.52174	5.539833	1.81149	0.144272	0.401969	UP	432.2015	432.2013
2296	M411T24_	2.159976	1.111015	1.703976	0.144445	0.402044	UP	411.1677	411.1676
2297	M398T29_	3.296073	1.720748	1.619379	0.144447	0.402045	UP	397.5605	397.56
2298	M398T10	2.577253	1.365834	1.641278	0.144476	0.402057	UP	397.7885	397.7873
2299	M351T31_	3.258397	1.704162	1.616843	0.144591	0.402108	UP	350.6034	350.6033
2300	M447T23	2.227903	-1.15569	-1.76534	0.144835	0.402213	DOWN	447.257	447.2561
2301	M178T17_	6.118646	2.613213	1.77498	0.144837	0.402214	UP	177.7405	177.7405
2302	M946T44	3.04102	1.604555	1.670026	0.144837	0.402214	UP	945.5556	945.5542

2303	M1056T44	1.579792	0.659734	1.623108	0.144857	0.402222	UP	1055.777	1055.777
2304	M741T43	1.240807	0.311278	1.616186	0.144878	0.402232	UP	740.5522	740.5517
2305	M375T26	14.74291	3.881949	1.797033	0.144912	0.402246	UP	375.2538	375.2534
2306	M604T29	4.240705	-2.0843	-1.76662	0.144987	0.402279	DOWN	604.2922	604.2912
2307	M536T26_	752.5621	9.555667	1.806723	0.145099	0.402327	UP	536.3485	536.3481
2308	M361T11_	2.132929	1.092836	1.614926	0.145109	0.402331	UP	361.2166	361.2152
2309	M270T26_	3.458154	1.790002	1.710771	0.145141	0.402345	UP	270.2147	270.2144
2310	M510T32_	1.882469	-0.91263	-1.61369	0.14527	0.402401	DOWN	510.372	510.3716
2311	M347T13_	3.168917	-1.66399	-1.66349	0.145337	0.402429	DOWN	347.1307	347.1305
2312	M558T31_	4.80428	-2.26432	-1.79693	0.145358	0.402438	DOWN	558.2525	558.2519
2313	M848T10	5.41291	2.436404	1.784598	0.145499	0.402499	UP	847.6846	847.6828
2314	M659T34	1.682162	0.750317	1.618817	0.14551	0.402503	UP	659.4928	659.4912
2315	M433T9	3.457859	-1.78988	-1.7906	0.14559	0.402538	DOWN	433.2833	433.2833
2316	M345T32_	5.486158	-2.4558	-1.79782	0.145602	0.402543	DOWN	345.1516	345.1512
2317	M325T31_	2.900443	1.536273	1.63702	0.145676	0.402574	UP	324.5982	324.5978
2318	M385T9_2	2.599829	-1.37842	-1.611	0.145877	0.40266	DOWN	384.7717	384.7714
2319	M641T31_	3.226491	1.689966	1.610697	0.145938	0.402686	UP	640.9549	640.9546
2320	M1385T9_	7.554917	2.917416	1.763817	0.146147	0.402775	UP	1384.983	1384.979
2321	M516T43	1.575461	0.655774	1.648498	0.146349	0.402861	UP	516.3318	516.3314
2322	M632T32	7.82297	-2.96772	-1.78438	0.146353	0.402863	DOWN	632.2717	632.2708
2323	M331T11_	54.98637	5.781002	1.798969	0.146381	0.402875	UP	331.0306	331.0305
2324	M195T11_	6.217872	2.636421	1.776946	0.146387	0.402877	UP	195.0919	195.0917
2325	M917T10	4.243901	2.085391	1.712834	0.1465	0.402925	UP	916.573	916.5722
2326	M561T29_	2.228775	1.156251	1.64394	0.146731	0.403023	UP	561.4045	561.4038
2327	M349T10_	5.284266	2.401703	1.760364	0.146756	0.403033	UP	349.2093	349.2089
2328	M485T22_	7.919876	2.985478	1.776887	0.146763	0.403036	UP	485.0928	485.0926
2329	M454T35	3.679776	1.879618	1.64303	0.146894	0.403092	UP	454.3891	454.389
2330	M1387T9_	7.913235	2.984268	1.762098	0.146935	0.403109	UP	1386.987	1386.981
2331	M594T28_	54.60725	5.771021	1.795658	0.146956	0.403118	UP	594.0919	594.0917
2332	M445T23	8.639858	-3.11101	-1.78865	0.147002	0.403137	DOWN	444.9902	444.9901
2333	M328T26_	7.634789	2.932588	1.752856	0.147023	0.403146	UP	327.5647	327.5646
2334	M658T35_	1.397837	-0.4832	-1.70734	0.147045	0.403155	DOWN	658.4473	658.4464
2335	M753T23	7.34855	2.87746	1.749708	0.147098	0.403178	UP	752.8924	752.8918
2336	M664T38	1.681082	0.749391	1.684122	0.1471	0.403178	UP	664.4298	664.4295
2337	M1384T9_	7.011052	2.809631	1.753003	0.147113	0.403184	UP	1384.485	1384.478
2338	M712T43_	1.352872	0.436026	1.618184	0.147124	0.403189	UP	711.5055	711.5046
2339	M755T10_	9.863597	3.302114	1.774454	0.147231	0.403234	UP	755.1291	755.129
2340	M366T25	282.0296	8.139703	1.79417	0.147233	0.403234	UP	366.1354	366.1352
2341	M747T10	4.825475	2.270671	1.716634	0.147246	0.40324	UP	746.9675	746.9663
2342	M611T25	309.0626	8.271755	1.794079	0.147249	0.403241	UP	611.3893	611.3892
2343	M446T37	1.858413	-0.89407	-1.6892	0.147304	0.403264	DOWN	446.119	446.1183
2344	M668T30	34.8623	-5.1236	-1.79226	0.147445	0.403324	DOWN	668.2456	668.2454
2345	M558T11	2.940562	1.556092	1.664639	0.147459	0.403329	UP	558.3496	558.3486
2346	M505T42	2.705522	-1.43591	-1.78774	0.147479	0.403338	DOWN	505.0579	505.0569
2347	M706T12	5.068397	2.34153	1.744446	0.147528	0.403358	UP	705.5733	705.573
2348	M284T16_	2.242021	1.164799	1.685879	0.147661	0.403414	UP	284.0986	284.0984
2349	M289T33_	2.478599	-1.30952	-1.72711	0.14786	0.403497	DOWN	289.1802	289.1802

2350	M387T41	3.521854	1.816335	1.714166	0.147951	0.403535	UP	387.1425	387.1423
2351	M504T18	2.681317	1.422942	1.614991	0.148126	0.403607	UP	503.9346	503.934
2352	M518T24	92.91765	6.537881	1.788731	0.148169	0.403625	UP	518.338	518.3379
2353	M312T30_	2.932164	1.551966	1.692592	0.148302	0.403681	UP	311.5416	311.5411
2354	M448T32_	3.584215	1.841657	1.610391	0.148328	0.403691	UP	448.0353	448.0352
2355	M453T17	3.880227	1.956141	1.642428	0.148381	0.403713	UP	452.9795	452.9793
2356	M650T44	1.839234	0.879105	1.732329	0.148754	0.403868	UP	650.4653	650.4641
2357	M306T29	4.582219	-2.19605	-1.75722	0.148822	0.403896	DOWN	305.6279	305.6277
2358	M251T27	2.187401	-1.12922	-1.69242	0.148923	0.403937	DOWN	251.0704	251.0701
2359	M201T16	3.604226	-1.84969	-1.75682	0.149039	0.403985	DOWN	201.0465	201.0463
2360	M294T30	2.388807	1.25629	1.637682	0.149295	0.40409	UP	294.2149	294.2145
2361	M503T44	1.824115	0.867197	1.749638	0.149559	0.404198	UP	503.2667	503.266
2362	M849T10_	5.949035	2.572656	1.734256	0.149704	0.404258	UP	848.5159	848.5146
2363	M438T12	563.7678	9.138957	1.778347	0.149973	0.404367	UP	438.2391	438.2388
2364	M540T31	3.179498	1.668799	1.592007	0.150057	0.404402	UP	540.0469	540.0463
2365	M1045T9_	5.941587	2.570848	1.720426	0.150113	0.404424	UP	1045.231	1045.229
2366	M634T32	8.097178	-3.01742	-1.76668	0.150117	0.404426	DOWN	634.27	634.2691
2367	M539T42_	1.184654	0.244466	1.609627	0.150145	0.404438	UP	539.384	539.3828
2368	M379T17	115.8696	6.856359	1.775511	0.150467	0.404568	UP	379.2212	379.221
2369	M276T36	1.959702	0.970634	1.75605	0.150513	0.404586	UP	276.2041	276.204
2370	M558T34	1.774613	0.827504	1.616351	0.150538	0.404597	UP	558.4729	558.4719
2371	M502T32	1.679846	0.748329	1.621531	0.150576	0.404612	UP	502.3481	502.3476
2372	M509T32_	5.814258	2.539595	1.693057	0.150841	0.404719	UP	508.9415	508.9413
2373	M307T31_	4.034361	2.01234	1.635645	0.150868	0.40473	UP	307.1189	307.1185
2374	M405T15	2.164953	1.114336	1.592395	0.151018	0.40479	UP	405.3115	405.3113
2375	M163T4	2.606219	1.381958	1.62353	0.151068	0.40481	UP	162.9735	162.9732
2376	M532T30_	1.204208	0.268085	1.587468	0.151115	0.404829	UP	532.3845	532.3836
2377	M721T11	3.064783	1.615785	1.613086	0.151182	0.404856	UP	720.7828	720.782
2378	M487T32	2.431004	1.281552	1.677703	0.15119	0.404859	UP	487.0835	487.0829
2379	M350T18	32.183	5.008227	1.77118	0.151219	0.404871	UP	350.2229	350.2229
2380	M609T10	2.373729	1.247155	1.586654	0.151262	0.404888	UP	609.0316	609.03
2381	M487T20	32.84773	5.037722	1.770056	0.151414	0.404949	UP	487.1879	487.1878
2382	M441T23	3.759085	-1.91038	-1.76094	0.151517	0.404991	DOWN	440.9941	440.994
2383	M312T29_	2.709413	1.43798	1.585305	0.151586	0.405018	UP	312.0298	312.0295
2384	M345T35	2.155087	1.107746	1.717463	0.151707	0.405066	UP	345.2402	345.2401
2385	M535T24_	622.5675	9.282087	1.768458	0.151712	0.405069	UP	535.2436	535.2432
2386	M291T29_	2.846205	1.50904	1.589316	0.151723	0.405073	UP	290.628	290.6271
2387	M363T18	3.165683	1.662517	1.626317	0.151803	0.405105	UP	362.9831	362.9826
2388	M456T21_	5.671835	2.503816	1.766806	0.151846	0.405122	UP	456.2942	456.294
2389	M442T21_	7.575378	2.921318	1.761564	0.151904	0.405145	UP	442.2491	442.249
2390	M550T23	44.59158	5.478699	1.766825	0.151988	0.405179	UP	550.3279	550.3276
2391	M1387T9_	6.710756	2.746475	1.732365	0.152063	0.405208	UP	1387.488	1387.487
2392	M1048T9_	7.35647	2.879014	1.745408	0.152194	0.40526	UP	1048.232	1048.231
2393	M653T29	7.013455	-2.81013	-1.73805	0.152235	0.405277	DOWN	653.2955	653.2951
2394	M591T31_	3.294271	-1.71996	-1.70316	0.152252	0.405283	DOWN	591.262	591.2612
2395	M340T32_	2.968615	1.56979	1.583642	0.152283	0.405296	UP	340.1058	340.1053
2396	M333T37_	2.192831	1.132795	1.640901	0.152302	0.405303	UP	333.316	333.3145

2397	M265T2	2730.074	11.41472	1.764895	0.152344	0.40532	UP	264.8727	264.8725
2398	M685T39	7.68959	2.942907	1.762486	0.152465	0.405368	UP	684.5206	684.5205
2399	M472T33	4.843076	2.275924	1.750622	0.1526	0.405421	UP	472.1709	472.1706
2400	M441T11	3.56977	1.835831	1.637374	0.152682	0.405454	UP	441.2314	441.2299
2401	M415T23_	8.095243	3.017074	1.748178	0.152708	0.405464	UP	415.2297	415.224
2402	M831T32	1.80978	0.855814	1.580294	0.152818	0.405507	UP	830.5483	830.5465
2403	M456T10_	2.660916	1.411923	1.594138	0.152883	0.405533	UP	456.2499	456.2494
2404	M910T32	35.31214	-5.14209	-1.76039	0.153083	0.405612	DOWN	910.4615	910.4615
2405	M301T31_	2.749174	1.458998	1.578563	0.153103	0.40562	UP	300.6411	300.6408
2406	M544T20_	2.110157	-1.07735	-1.65274	0.153217	0.405664	DOWN	544.3041	544.3038
2407	M368T13	70.79288	6.145532	1.759796	0.153235	0.405671	UP	368.2335	368.2333
2408	M585T32	8.61746	-3.10726	-1.75199	0.153406	0.405738	DOWN	585.2721	585.2716
2409	M219T2_1	1864.017	10.8642	1.757485	0.153667	0.405841	UP	218.8674	218.8671
2410	M318T28	5.307551	2.408046	1.705874	0.154147	0.406027	UP	318.064	318.0635
2411	M331T28	2.439811	1.286769	1.716155	0.15427	0.406075	UP	330.5007	330.5003
2412	M498T9_1	2.675655	-1.41989	-1.67779	0.1543	0.406087	DOWN	498.3648	498.3639
2413	M921T44_	2.016805	1.012072	1.643869	0.154346	0.406105	UP	920.5961	920.5944
2414	M576T9	14.28348	-3.83628	-1.74967	0.154397	0.406124	DOWN	576.3689	576.3687
2415	M403T34	2.54936	1.350135	1.606349	0.154455	0.406147	UP	402.7923	402.7916
2416	M542T31	2.874616	1.523369	1.583133	0.154531	0.406176	UP	542.042	542.0419
2417	M1386T10	7.311861	2.870239	1.718444	0.154617	0.40621	UP	1385.984	1385.98
2418	M423T29_	3.211753	1.683361	1.572215	0.154872	0.406308	UP	422.5609	422.5603
2419	M454T9_1	2.940441	-1.55603	-1.62974	0.154883	0.406312	DOWN	454.4523	454.4452
2420	M203T22	2.2275	1.155426	1.584311	0.154902	0.40632	UP	203.1644	203.1641
2421	M664T26	60.6208	5.921741	1.750385	0.154932	0.406331	UP	664.1959	664.1954
2422	M368T18_	6.659924	2.735506	1.746949	0.154947	0.406337	UP	368.2245	368.2243
2423	M512T23_	4.990296	2.319125	1.700321	0.155046	0.406375	UP	512.0183	512.018
2424	M652T24	31.61562	4.982566	1.749312	0.155108	0.406399	UP	652.2942	652.294
2425	M551T31_	105.9348	6.727033	1.748587	0.155267	0.40646	UP	551.078	551.0779
2426	M524T33	2.46218	-1.29994	-1.67916	0.155342	0.406489	DOWN	524.3345	524.3341
2427	M364T26	1.932738	0.950646	1.649501	0.155367	0.406498	UP	364.1576	364.1573
2428	M849T39_	48.30139	5.593993	1.747171	0.155448	0.406529	UP	848.6587	848.6579
2429	M514T23	2.040817	-1.02915	-1.66613	0.155533	0.406562	DOWN	514.3163	514.3151
2430	M376T27	2.708154	1.43731	1.584275	0.155621	0.406595	UP	376.1211	376.1204
2431	M283T14	4.434289	2.148703	1.719632	0.155671	0.406615	UP	283.0479	283.0479
2432	M333T22_	4.238287	2.083481	1.679527	0.155769	0.406652	UP	333.1018	333.1016
2433	M185T21	2.316149	1.211728	1.667873	0.155921	0.40671	UP	185.0516	185.0514
2434	M547T38	4.682783	2.227366	1.635189	0.15598	0.406732	UP	547.0011	547.0007
2435	M551T23	72.25549	6.175035	1.744664	0.155982	0.406733	UP	551.3312	551.3309
2436	M367T38	1.929749	0.948413	1.565435	0.156137	0.406792	UP	367.1891	367.1889
2437	M472T30_	1.48144	-0.567	-1.62388	0.156151	0.406798	DOWN	472.3348	472.3342
2438	M515T23_	2.576439	1.365378	1.565945	0.156195	0.406814	UP	515.1364	515.1353
2439	M459T29_	3.206465	1.680984	1.564873	0.156265	0.406841	UP	459.0272	459.0266
2440	M668T43_	1.224477	0.292166	1.673087	0.156342	0.40687	UP	668.4823	668.4809
2441	M445T18_	2.192992	-1.1329	-1.64774	0.156343	0.40687	DOWN	445.0819	445.0815
2442	M509T22_	25.80223	4.689424	1.741751	0.156487	0.406925	UP	509.3206	509.3204
2443	M388T9	4.215707	-2.07577	-1.71021	0.156509	0.406933	DOWN	388.2539	388.2536

2444	M482T2	65.06489	6.023807	1.739835	0.156765	0.40703	UP	481.8169	481.8167
2445	M550T28	1.394654	-0.47991	-1.56554	0.156768	0.407031	DOWN	550.2765	550.2754
2446	M470T44_	1.141132	0.190466	1.565527	0.156821	0.407051	UP	470.3638	470.3631
2447	M483T19_	3.14199	1.651679	1.606841	0.156847	0.407061	UP	483.1679	483.1677
2448	M575T43	13.80068	3.786667	1.731181	0.156984	0.407113	UP	575.0326	575.0323
2449	M316T26_	4.109279	2.038885	1.634472	0.157056	0.40714	UP	316.0634	316.0632
2450	M465T37	1.575735	-0.65603	-1.62929	0.157231	0.407206	DOWN	465.1273	465.1268
2451	M403T31	2.089679	1.063281	1.677785	0.157318	0.407238	UP	403.1797	403.1794
2452	M401T21_	1.66602	-0.73641	-1.57923	0.157453	0.407289	DOWN	401.1631	401.1627
2453	M324T13_	4.783053	2.257932	1.732049	0.157546	0.407324	UP	324.2073	324.2021
2454	M505T22	11.20484	3.48605	1.734882	0.157679	0.407374	UP	505.2346	505.2344
2455	M682T10_	3.031144	1.599863	1.655251	0.15774	0.407396	UP	681.5186	681.5161
2456	M746T41	6.005066	-2.58618	-1.72712	0.158107	0.407533	DOWN	746.2282	746.2269
2457	M414T26	2.937884	1.554777	1.566435	0.158114	0.407536	UP	414.0302	414.0286
2458	M710T9_6	19.05704	-4.25225	-1.73162	0.158149	0.407549	DOWN	710.3646	710.364
2459	M818T35	1.920672	-0.94161	-1.58772	0.158499	0.407678	DOWN	818.4533	818.4522
2460	M428T27_	57.60601	5.848147	1.730459	0.158579	0.407708	UP	428.27	428.2697
2461	M703T37	3.884629	1.957777	1.705397	0.15873	0.407764	UP	702.5366	702.5365
2462	M927T44	1.674412	0.743655	1.564162	0.158774	0.40778	UP	926.589	926.5872
2463	M424T14_	5.19724	2.377746	1.688541	0.158945	0.407844	UP	424.2236	424.2235
2464	M329T42	3.631886	-1.86072	-1.71721	0.159082	0.407894	DOWN	329.3243	329.3237
2465	M413T10_	6.171464	2.625613	1.699961	0.159121	0.407908	UP	412.8136	412.8048
2466	M475T20	96.56121	6.593372	1.727032	0.159216	0.407943	UP	475.1259	475.1257
2467	M278T28_	3.686974	1.882437	1.638355	0.159246	0.407954	UP	277.6122	277.6119
2468	M624T17_	69.52765	6.119515	1.726851	0.159265	0.407961	UP	624.3287	624.3283
2469	M482T43	32.26518	5.011906	1.726013	0.159311	0.407978	UP	481.871	481.8708
2470	M290T29_	2.599734	1.378364	1.553448	0.159381	0.408004	UP	289.6313	289.631
2471	M921T44_	1.496833	0.581913	1.553478	0.159397	0.40801	UP	920.6891	920.6874
2472	M599T27	22.83939	4.513452	1.72513	0.159423	0.408019	UP	599.2309	599.2308
2473	M289T21	3.695579	1.8858	1.670611	0.159453	0.40803	UP	289.1145	289.1137
2474	M419T28_	3.015167	1.592238	1.612678	0.159484	0.408042	UP	419.135	419.1347
2475	M417T29	18.02089	4.171598	1.7251	0.159544	0.408064	UP	417.1906	417.1899
2476	M538T26_	995.0769	9.958664	1.724577	0.159692	0.408118	UP	538.3551	538.3546
2477	M618T14	2.166327	1.115251	1.564509	0.159782	0.408151	UP	618.4676	618.4662
2478	M611T23	3.928581	1.974008	1.626288	0.159794	0.408155	UP	610.9397	610.9396
2479	M625T22_	44.97095	5.490922	1.723923	0.159811	0.408161	UP	625.3686	625.3683
2480	M377T38	2.129622	-1.0906	-1.6718	0.159881	0.408187	DOWN	377.1783	377.1778
2481	M785T43	1.27636	0.352035	1.568728	0.159957	0.408215	UP	784.5792	784.5775
2482	M321T24_	11.54639	3.52937	1.719787	0.159999	0.40823	UP	321.1792	321.1791
2483	M642T29_	2.892118	-1.53213	-1.63166	0.160018	0.408237	DOWN	642.2296	642.2293
2484	M319T2	2560.885	11.32243	1.722783	0.160028	0.40824	UP	318.792	318.792
2485	M350T21_	2.187031	1.128974	1.68337	0.160043	0.408246	UP	350.2024	350.2021
2486	M459T11	1.977053	0.983352	1.556525	0.160116	0.408273	UP	459.1997	459.1984
2487	M378T27	18.01342	4.171	1.717953	0.160449	0.408393	UP	378.2543	378.2542
2488	M610T44	1.611085	0.688032	1.630154	0.160462	0.408398	UP	610.4417	610.4322
2489	M1158T44	2.404141	1.265522	1.6243	0.160495	0.40841	UP	1157.794	1157.789
2490	M298T26	6.086646	-2.60565	-1.71124	0.160546	0.408429	DOWN	298.1326	298.1322

2491	M333T37_	96.68485	6.595218	1.719546	0.160615	0.408454	UP	333.0664	333.06
2492	M432T32	9.514756	3.250167	1.695132	0.160639	0.408462	UP	432.0326	432.0325
2493	M515T44	1.19211	0.253517	1.549957	0.160645	0.408465	UP	514.8915	514.8906
2494	M387T32	3.103641	1.633962	1.667429	0.160672	0.408474	UP	387.2302	387.23
2495	M278T31_	2.046409	1.033094	1.559612	0.16083	0.408531	UP	277.8104	277.8099
2496	M395T37	26.21838	4.712507	1.718244	0.160843	0.408536	UP	395.1642	395.1641
2497	M635T26	18.31585	4.19502	1.717456	0.16095	0.408575	UP	635.266	635.2657
2498	M351T18	23.85465	4.576198	1.717405	0.161037	0.408606	UP	351.2267	351.2262
2499	M284T10	3.336879	1.738499	1.678742	0.161124	0.408637	UP	283.9968	283.9968
2500	M338T26	2.867746	1.519917	1.692435	0.161149	0.408647	UP	338.2412	338.2411
2501	M348T21_	9.263668	3.211583	1.713625	0.161449	0.408754	UP	348.2073	348.2072
2502	M389T18_	1.950364	0.963744	1.546503	0.161461	0.408759	UP	389.0028	389.0024
2503	M1047T9	6.378259	2.673163	1.676522	0.16148	0.408766	UP	1047.232	1047.229
2504	M509T26	3.572687	1.83701	1.590585	0.161593	0.408806	UP	509.056	509.0556
2505	M693T39	9.852088	3.30043	1.71035	0.161623	0.408817	UP	693.4981	693.4981
2506	M519T24	61.938	5.952753	1.713775	0.161718	0.408851	UP	519.3414	519.3412
2507	M378T28_	3.011637	1.590548	1.589107	0.161832	0.408892	UP	378.1085	378.108
2508	M744T29	2.620818	1.390017	1.546054	0.161968	0.40894	UP	744.1904	744.1889
2509	M564T18	2.723646	1.445539	1.551297	0.162041	0.408966	UP	563.8345	563.8338
2510	M713T31_	30.52537	4.931937	1.710602	0.162222	0.409031	UP	713.3484	713.3483
2511	M610T24	3.607854	1.851141	1.635147	0.162256	0.409043	UP	610.3956	610.3944
2512	M459T19	9.785681	3.290672	1.697026	0.162268	0.409047	UP	459.0513	459.051
2513	M720T29	2.503879	1.324165	1.543439	0.162292	0.409056	UP	720.1905	720.1896
2514	M886T29	2.73262	1.450285	1.540862	0.162359	0.40908	UP	886.1267	886.126
2515	M734T43_	1.340402	0.422666	1.547318	0.162364	0.409081	UP	734.0202	734.0188
2516	M525T41	2.001539	-1.00111	-1.59362	0.162693	0.409198	DOWN	525.1357	525.1328
2517	M478T12_	2.260717	1.17678	1.594158	0.162768	0.409224	UP	478.3254	478.3245
2518	M498T12	155.3403	7.279288	1.708231	0.162777	0.409228	UP	498.2964	498.2963
2519	M263T11	2.528121	1.338066	1.650509	0.162874	0.409262	UP	263.0793	263.079
2520	M438T13_	2.885766	1.528954	1.604345	0.16305	0.409324	UP	438.3694	438.3686
2521	M276T31_	2.300555	1.201982	1.547882	0.163114	0.409347	UP	276.135	276.1349
2522	M611T10_	8.528539	3.092299	1.690433	0.163124	0.40935	UP	611.2783	611.2782
2523	M345T20_	257.8161	8.010198	1.705733	0.163254	0.409396	UP	345.1173	345.1171
2524	M621T9_1	10.78857	-3.43143	-1.70106	0.163342	0.409427	DOWN	621.3189	621.3178
2525	M1023T33	2.41784	1.273719	1.544132	0.163344	0.409428	UP	1022.758	1022.758
2526	M262T22_	2.189785	1.130789	1.642536	0.163459	0.409468	UP	262.0732	262.0731
2527	M485T27	9.321174	3.220512	1.702159	0.163549	0.4095	UP	485.1831	485.1826
2528	M624T22_	22.35543	4.482553	1.703003	0.163702	0.409554	UP	624.3652	624.3648
2529	M533T26	72.72131	6.184306	1.702464	0.163878	0.409615	UP	532.7614	532.7612
2530	M429T27_	64.85004	6.019036	1.701814	0.163995	0.409656	UP	429.2733	429.2729
2531	M475T22	2.512686	1.329231	1.538357	0.164026	0.409667	UP	474.9282	474.9277
2532	M332T30	2.845078	1.508468	1.54098	0.16403	0.409668	UP	331.5957	331.5955
2533	M496T16	2.058172	1.041363	1.546206	0.164055	0.409677	UP	496.3637	496.3633
2534	M574T25	170.2276	7.411321	1.70132	0.164097	0.409692	UP	574.2355	574.2353
2535	M286T39	2.1731	1.119755	1.679919	0.164216	0.409733	UP	286.2247	286.2246
2536	M684T10_	2.918323	1.54514	1.63166	0.164428	0.409807	UP	683.6418	683.6395
2537	M387T30	5.387107	-2.42951	-1.68246	0.164562	0.409854	DOWN	387.0781	387.0776

2538	M620T30	1.205342	0.269443	1.534059	0.164617	0.409873	UP	620.4373	620.4362
2539	M631T32_	8.459228	-3.08053	-1.68548	0.164628	0.409877	DOWN	631.2777	631.2773
2540	M282T30_	2.688261	1.426673	1.53206	0.164759	0.409922	UP	281.6334	281.6328
2541	M791T37_	5.046158	2.335185	1.694745	0.164775	0.409928	UP	790.617	790.6163
2542	M483T9_2	2.958725	1.564976	1.642819	0.16489	0.409967	UP	483.317	483.3048
2543	M282T30_	2.801979	1.486446	1.528691	0.164894	0.409969	UP	282.135	282.1345
2544	M535T24_	9.092445	3.184668	1.690153	0.164924	0.409979	UP	535.3354	535.3345
2545	M905T41	19.58917	4.291985	1.696012	0.164927	0.40998	UP	904.6948	904.6944
2546	M271T11_	3.139318	1.650451	1.565933	0.164937	0.409984	UP	271.0268	271.0265
2547	M278T31_	2.031062	1.022235	1.532471	0.164947	0.409987	UP	278.0797	278.0793
2548	M377T31_	2.292413	1.196867	1.548065	0.165003	0.410007	UP	376.9512	376.9508
2549	M317T29	3.639948	-1.86392	-1.65676	0.165092	0.410037	DOWN	316.6287	316.6283
2550	M657T31	2.904978	1.538527	1.528505	0.165125	0.410049	UP	657.2363	657.2356
2551	M430T25_	83.9109	6.390786	1.695925	0.16514	0.410054	UP	430.2857	430.2855
2552	M414T23_	1.48204	0.567585	1.532277	0.165175	0.410066	UP	414.1995	414.1989
2553	M621T9_2	31.85613	-4.9935	-1.69463	0.165227	0.410084	DOWN	621.444	621.4433
2554	M258T23	2.732349	1.450142	1.587352	0.165327	0.410118	UP	257.9714	257.9705
2555	M1048T9_	6.216946	2.636206	1.656421	0.165498	0.410177	UP	1047.733	1047.73
2556	M690T43_	1.277132	0.352908	1.528717	0.165556	0.410197	UP	689.994	689.9929
2557	M394T19_	3.848791	-1.94441	-1.61095	0.16559	0.410209	DOWN	394.3271	394.3266
2558	M599T10_	2.573214	1.363571	1.579697	0.16562	0.410219	UP	599.3811	599.3801
2559	M333T37_	168.1506	7.393611	1.692982	0.165711	0.41025	UP	333.383	333.3795
2560	M906T41	21.64561	4.436003	1.691767	0.165764	0.410268	UP	905.6981	905.6978
2561	M662T10	2.824639	1.498066	1.599098	0.165777	0.410273	UP	661.5032	661.4974
2562	M583T32	2.764513	1.467026	1.564455	0.165969	0.410339	UP	583.4684	583.4676
2563	M1046T10	6.589072	2.720075	1.652115	0.165978	0.410342	UP	1046.23	1046.225
2564	M279T22	1.523953	-0.60782	-1.64886	0.166008	0.410352	DOWN	279.1384	279.1375
2565	M1012T44	1.588596	0.667752	1.526046	0.166036	0.410362	UP	1011.751	1011.75
2566	M499T20	95.75094	6.581215	1.690564	0.166181	0.410411	UP	499.2242	499.2242
2567	M340T42	1.199019	0.261855	1.537706	0.166283	0.410446	UP	340.3938	340.3932
2568	M681T10_	2.982702	1.57662	1.621662	0.16639	0.410483	UP	680.515	680.5127
2569	M335T39_	2.836533	1.504129	1.679617	0.16669	0.410585	UP	335.2016	335.2005
2570	M320T23_	3.094895	1.629891	1.525967	0.166709	0.410591	UP	320.2699	320.2697
2571	M742T29	2.594927	1.375694	1.524812	0.166781	0.410615	UP	742.1953	742.193
2572	M779T30	4.013283	-2.00478	-1.63111	0.16683	0.410632	DOWN	779.2034	779.2025
2573	M693T11	60.53762	5.91976	1.686471	0.166944	0.410671	UP	693.2426	693.2415
2574	M439T12	242.2654	7.920445	1.686054	0.167063	0.410711	UP	439.2424	439.2422
2575	M385T44	4.86552	-2.28259	-1.67657	0.167068	0.410713	DOWN	385.331	385.3306
2576	M934T9	4.497125	2.169003	1.637667	0.167109	0.410727	UP	933.6462	933.6424
2577	M1046T10	6.178526	2.627263	1.645542	0.167154	0.410742	UP	1045.727	1045.724
2578	M316T28_	2.995579	1.582835	1.562397	0.167163	0.410745	UP	316.0635	316.0631
2579	M652T32	44.9585	-5.49052	-1.68523	0.167183	0.410752	DOWN	652.2559	652.2556
2580	M362T29_	2.800472	1.48567	1.525199	0.167201	0.410758	UP	362.0974	362.0972
2581	M351T4	43.25804	-5.4349	-1.68361	0.167517	0.410864	DOWN	351.0573	351.0573
2582	M1047T10	6.171988	2.625735	1.643395	0.167574	0.410884	UP	1046.73	1046.727
2583	M462T41	48.5267	5.600707	1.683341	0.167579	0.410885	UP	461.8653	461.8651
2584	M456T12_	1.723305	0.785178	1.519636	0.167589	0.410889	UP	456.3439	456.343

2585	M683T10	4.195609	2.06888	1.621612	0.167626	0.410901	UP	682.5225	682.5197
2586	M259T9_1	3.206472	-1.68099	-1.61975	0.167802	0.41096	DOWN	258.6337	258.6332
2587	M318T33	1.669483	-0.7394	-1.57895	0.16806	0.411047	DOWN	318.243	318.2426
2588	M481T10_	16.18257	4.016369	1.680299	0.168134	0.411072	UP	481.3382	481.3369
2589	M312T29_	2.531652	1.340079	1.518747	0.168156	0.411079	UP	312.1351	312.1348
2590	M617T33	2.146673	1.102102	1.529429	0.168222	0.411101	UP	617.435	617.4341
2591	M333T10_	2.70608	1.436204	1.515729	0.16824	0.411107	UP	333.1746	333.1743
2592	M333T37_	99.70503	6.639594	1.680041	0.168247	0.411109	UP	333.4664	333.4638
2593	M500T30_	3.081113	1.623452	1.631575	0.168252	0.411111	UP	500.4006	500.3998
2594	M343T14	12.98238	3.698483	1.676001	0.168494	0.411192	UP	343.1738	343.1731
2595	M487T38	1.596561	-0.67497	-1.51987	0.16866	0.411247	DOWN	487.1285	487.1281
2596	M677T34	3.466037	1.793287	1.639393	0.168673	0.411252	UP	677.3608	677.3605
2597	M372T28	1.579311	-0.6593	-1.51552	0.168685	0.411255	DOWN	372.3112	372.3107
2598	M1045T9_	6.235847	2.640585	1.633619	0.16869	0.411257	UP	1044.731	1044.729
2599	M484T38	1.232852	-0.302	-1.55189	0.168715	0.411266	DOWN	484.1288	484.1279
2600	M425T44	6.065764	-2.60069	-1.67643	0.168728	0.41127	DOWN	425.3231	425.3228
2601	M572T13	19.03701	4.250735	1.675894	0.168865	0.411316	UP	572.3125	572.3124
2602	M497T30_	2.75563	1.462382	1.522482	0.168889	0.411323	UP	497.1801	497.1797
2603	M295T31_	2.419351	1.27462	1.523469	0.168947	0.411343	UP	295.1488	295.1487
2604	M516T23	2.584329	1.36979	1.513036	0.169035	0.411372	UP	516.1398	516.1395
2605	M362T26_	4.383892	2.132212	1.57829	0.169058	0.411379	UP	362.1054	362.1053
2606	M406T31	6.750668	2.75503	1.673222	0.169089	0.41139	UP	406.2855	406.2853
2607	M279T16	3.072118	1.619233	1.640891	0.169141	0.411407	UP	279.0936	279.0812
2608	M728T33	2.713233	1.440013	1.553282	0.169154	0.411411	UP	727.5006	727.4995
2609	M350T21_	102.6001	6.680889	1.675043	0.169234	0.411438	UP	350.2231	350.2226
2610	M562T25_	9.30415	3.217874	1.674234	0.169234	0.411438	UP	562.2742	562.274
2611	M680T10_	2.98596	1.578195	1.607977	0.169264	0.411448	UP	679.512	679.5099
2612	M181T4	43.32431	5.437105	1.673511	0.169449	0.411509	UP	180.9464	180.9464
2613	M396T33	1.619455	-0.69551	-1.52686	0.16961	0.411562	DOWN	396.1622	396.1619
2614	M337T2	1832.557	10.83964	1.67169	0.169904	0.411659	UP	336.8025	336.8024
2615	M285T11	1.95027	0.963674	1.512588	0.169977	0.411683	UP	285.1859	285.1854
2616	M708T30_	1.208573	0.273304	1.519133	0.169999	0.41169	UP	708.49	708.4887
2617	M585T23	3.348604	1.74356	1.515233	0.170004	0.411692	UP	585.1924	585.1916
2618	M461T24_	6.312968	-2.65832	-1.65842	0.170041	0.411704	DOWN	461.1775	461.177
2619	M474T23_	1.962456	-0.97266	-1.63228	0.170044	0.411705	DOWN	474.2849	474.284
2620	M314T9_1	2.679455	-1.42194	-1.53427	0.170152	0.41174	DOWN	313.692	313.6919
2621	M349T29	2.769877	1.469822	1.520126	0.170156	0.411742	UP	348.5982	348.5979
2622	M501T30	2.634818	1.397704	1.509069	0.170198	0.411755	UP	501.1756	501.1749
2623	M769T10_	3.518556	1.814984	1.564794	0.170354	0.411806	UP	768.9807	768.9792
2624	M224T32	1.94872	-0.96253	-1.64694	0.17036	0.411808	DOWN	224.0633	224.063
2625	M480T37	1.600704	-0.67871	-1.58855	0.170383	0.411816	DOWN	480.157	480.1564
2626	M651T11_	2.115427	1.080949	1.512375	0.17056	0.411874	UP	651.3569	651.356
2627	M473T11	3.646182	-1.86639	-1.64175	0.170585	0.411882	DOWN	473.1328	473.1318
2628	M474T14	3.1931	1.674958	1.526697	0.170761	0.411939	UP	474.2119	474.2116
2629	M471T33	4.099944	2.035604	1.655338	0.170762	0.41194	UP	471.1674	471.1673
2630	M924T44_	1.661312	0.732323	1.509428	0.170799	0.411952	UP	923.698	923.6953
2631	M584T32	5.310303	-2.40879	-1.66074	0.170839	0.411965	DOWN	584.2687	584.2681

2632	M323T25_	2.196294	1.135071	1.505106	0.170942	0.411998	UP	323.4925	323.4921
2633	M339T15_	2.843121	1.507475	1.632546	0.171169	0.412072	UP	339.0741	339.0738
2634	M446T23	1.966696	-0.97577	-1.63165	0.171297	0.412113	DOWN	446.2537	446.2527
2635	M723T32	3.056746	1.611997	1.502825	0.171311	0.412118	UP	723.2093	723.2076
2636	M260T23_	2.853895	1.512932	1.57325	0.171358	0.412133	UP	259.967	259.9666
2637	M518T22	2.446313	1.290609	1.505467	0.171744	0.412258	UP	517.9503	517.9498
2638	M792T34	1.505038	-0.5898	-1.53723	0.172365	0.412458	DOWN	792.4383	792.437
2639	M453T19_	1.928086	0.94717	1.531212	0.172401	0.412469	UP	453.2598	453.2589
2640	M416T24_	1.974391	0.981407	1.499684	0.17245	0.412485	UP	416.0509	416.0503
2641	M304T27	1.635071	-0.70935	-1.56265	0.172551	0.412517	DOWN	304.2274	304.2268
2642	M1030T9	5.831331	2.543825	1.626648	0.172553	0.412518	UP	1030.256	1030.255
2643	M392T22	2.291028	-1.196	-1.50519	0.172688	0.412561	DOWN	392.0355	392.0353
2644	M454T22_	17.52396	4.131257	1.656838	0.172745	0.412579	UP	454.2239	454.2235
2645	M613T23	2.583096	1.369101	1.5026	0.172949	0.412645	UP	613.0667	613.0659
2646	M555T28	1.710093	0.774075	1.497693	0.172987	0.412657	UP	554.8986	554.8972
2647	M415T22_	13.16965	3.719145	1.651819	0.173059	0.41268	UP	415.2455	415.245
2648	M659T43_	1.21724	0.283614	1.527897	0.173084	0.412687	UP	659.4678	659.4665
2649	M1493T43	2.553418	1.35243	1.536679	0.173086	0.412688	UP	1493.03	1493.029
2650	M682T30	4.576896	-2.19437	-1.62602	0.173186	0.41272	DOWN	682.2695	682.2693
2651	M511T23_	3.98767	1.995546	1.588162	0.173258	0.412743	UP	511.0148	511.0145
2652	M355T32_	2.352975	-1.23449	-1.64825	0.173608	0.412854	DOWN	355.1097	355.1093
2653	M413T23_	2.021803	1.015642	1.519339	0.173676	0.412876	UP	413.196	413.1954
2654	M717T30	3.499424	1.807117	1.5177	0.173708	0.412886	UP	717.0366	717.0359
2655	M638T33	3.955864	1.983993	1.57584	0.173813	0.412919	UP	638.0209	638.0208
2656	M326T31_	2.703053	1.43459	1.544595	0.173824	0.412922	UP	325.5956	325.5955
2657	M780T30_	3.077851	-1.62192	-1.5722	0.173842	0.412928	DOWN	780.197	780.1963
2658	M667T12	2.803852	1.48741	1.52901	0.173988	0.412974	UP	667.4802	667.4792
2659	M467T17_	1.658672	-0.73003	-1.5456	0.174008	0.41298	DOWN	467.3484	467.3476
2660	M629T10	4.913976	2.296891	1.591448	0.174059	0.412996	UP	628.8554	628.8545
2661	M827T10_	9.395308	3.23194	1.639965	0.174239	0.413053	UP	827.0044	827.0037
2662	M488T20	24.32584	4.604418	1.649926	0.174256	0.413059	UP	488.1913	488.1911
2663	M431T25_	36.41859	5.186603	1.649489	0.174335	0.413083	UP	431.289	431.2889
2664	M268T37	1.384787	-0.46966	-1.54919	0.174335	0.413083	DOWN	268.3	268.2995
2665	M228T10_	2.467911	1.30329	1.529008	0.174342	0.413085	UP	228.2324	228.2318
2666	M329T28	5.88179	2.556255	1.597514	0.174374	0.413096	UP	328.5725	328.5721
2667	M300T29_	2.491958	1.31728	1.490429	0.174452	0.41312	UP	299.6334	299.6331
2668	M656T28	3.68174	1.880388	1.572812	0.174559	0.413154	UP	656.1375	656.1371
2669	M449T30	2.01807	1.012976	1.492217	0.174608	0.413169	UP	449.1588	449.1556
2670	M436T20_	13.15347	-3.71737	-1.64765	0.174656	0.413184	DOWN	436.2695	436.2686
2671	M293T29	5.053806	-2.33737	-1.62577	0.174763	0.413217	DOWN	292.6287	292.6284
2672	M277T2	7.6776	2.940655	1.646499	0.174918	0.413266	UP	276.8964	276.896
2673	M550T31_	358.012	8.483864	1.646466	0.175013	0.413296	UP	550.0748	550.0747
2674	M339T9_2	1.896013	0.922969	1.568258	0.175123	0.41333	UP	339.2523	339.2518
2675	M396T26	1.803088	-0.85047	-1.59922	0.175126	0.413331	DOWN	396.1751	396.1746
2676	M417T18	2.491812	1.317195	1.499597	0.175186	0.41335	UP	416.9023	416.9019
2677	M555T27_	16.24019	4.021497	1.644972	0.175202	0.413355	UP	555.2871	555.2866
2678	M385T9_1	2.27938	-1.18864	-1.48957	0.175222	0.413361	DOWN	384.5816	384.5814

2679	M705T9_4	4.264161	2.092262	1.586011	0.175286	0.413381	UP	705.4759	705.4748
2680	M220T22	5.75829	-2.52564	-1.63905	0.175424	0.413424	DOWN	220.1992	220.1989
2681	M341T27	51.49372	5.686325	1.643831	0.175513	0.413452	UP	341.1401	341.1399
2682	M722T32	3.022153	1.595577	1.48818	0.175611	0.413482	UP	722.2062	722.2049
2683	M291T28_	3.132529	1.647328	1.534582	0.175632	0.413489	UP	290.6099	290.6096
2684	M519T11_	2.842785	1.507305	1.544987	0.175894	0.41357	UP	519.1891	519.1879
2685	M377T26	2.856123	1.514058	1.506388	0.17594	0.413584	UP	377.1049	377.1045
2686	M463T16	2.99922	1.584587	1.487688	0.175986	0.413598	UP	462.9077	462.9075
2687	M457T9_6	2.530102	-1.3392	-1.57569	0.176127	0.413642	DOWN	457.3381	457.3379
2688	M447T29_	2.986646	1.578526	1.483729	0.176199	0.413664	UP	446.526	446.5257
2689	M353T19	19.75241	4.303956	1.640416	0.176238	0.413676	UP	353.242	353.2418
2690	M412T26_	2.847263	1.509576	1.492727	0.176259	0.413682	UP	412.0348	412.0347
2691	M849T10_	4.162646	2.057501	1.55838	0.176296	0.413694	UP	849.0179	849.0175
2692	M445T26_	2.802154	1.486536	1.498543	0.176297	0.413694	UP	444.9335	444.9331
2693	M1181T10	3.555423	1.830021	1.541043	0.176428	0.413734	UP	1180.73	1180.729
2694	M773T10	2.869534	1.520816	1.544821	0.176459	0.413744	UP	773.4929	773.4909
2695	M630T11_	14.01845	3.809255	1.633592	0.176496	0.413756	UP	630.275	630.2748
2696	M284T26	2.598301	1.377569	1.489462	0.176592	0.413785	UP	284.129	284.1287
2697	M378T29_	1.670735	0.740482	1.571369	0.176857	0.413866	UP	378.2279	378.2277
2698	M524T34	2.737244	1.452724	1.548147	0.176926	0.413888	UP	524.4463	524.4457
2699	M493T31	1.593147	-0.67188	-1.49333	0.177003	0.413911	DOWN	493.1458	493.1447
2700	M364T24	12.63463	3.659311	1.636538	0.177022	0.413917	UP	364.2386	364.2385
2701	M658T31	2.725408	1.446472	1.481297	0.177242	0.413984	UP	658.2398	658.2395
2702	M279T28_	3.229481	1.691302	1.538803	0.177582	0.414088	UP	278.61	278.6096
2703	M324T19	1.474628	-0.56035	-1.50244	0.177594	0.414092	DOWN	324.2252	324.225
2704	M310T15	932.6741	9.865229	1.633685	0.177663	0.414113	UP	310.1918	310.1916
2705	M680T10_	2.377621	1.249519	1.491731	0.177666	0.414113	UP	680.0143	680.0128
2706	M395T25	2.818448	1.494901	1.484297	0.177724	0.414131	UP	395.1156	395.1153
2707	M673T22	13.98473	-3.80578	-1.6308	0.17777	0.414145	DOWN	673.2873	673.2854
2708	M681T9_2	31.73563	-4.98803	-1.6326	0.177775	0.414147	DOWN	681.0695	681.0689
2709	M709T30_	1.226887	0.295003	1.489022	0.177833	0.414164	UP	709.4934	709.4921
2710	M559T44	1.193835	0.255604	1.477944	0.177846	0.414168	UP	558.9177	558.9168
2711	M617T30	3.524605	1.817461	1.503436	0.17788	0.414178	UP	617.1118	617.1109
2712	M440T28_	2.371418	1.24575	1.604335	0.177885	0.41418	UP	440.3312	440.3304
2713	M513T23	2.469589	1.304271	1.478299	0.177987	0.414211	UP	513.1413	513.1412
2714	M750T12	2.135487	1.094565	1.499545	0.178014	0.414219	UP	749.5825	749.5808
2715	M363T10	3.911007	-1.96754	-1.60003	0.178018	0.41422	DOWN	362.7437	362.7431
2716	M310T22	3.457082	1.789555	1.561976	0.178042	0.414228	UP	310.074	310.0738
2717	M266T13_	87.11251	6.444808	1.631667	0.178082	0.41424	UP	266.0927	266.0925
2718	M433T23_	1.812965	0.858351	1.478717	0.178105	0.414247	UP	433.2586	433.255
2719	M500T31	1.589721	-0.66877	-1.49007	0.178121	0.414252	DOWN	499.5644	499.5632
2720	M478T21	2.849932	1.510927	1.607628	0.178133	0.414255	UP	478.2703	478.27
2721	M537T22	125.7477	6.974389	1.630589	0.178305	0.414307	UP	537.3522	537.3517
2722	M349T28_	4.396437	2.136335	1.602652	0.17842	0.414342	UP	349.225	349.2247
2723	M199T26	1.449667	-0.53572	-1.56106	0.178426	0.414344	DOWN	199.1693	199.169
2724	M267T33	1.236205	-0.30592	-1.47531	0.178472	0.414358	DOWN	267.2109	267.2108
2725	M1141T11	5.431621	2.441383	1.61753	0.178476	0.414359	UP	1140.55	1140.548

2726	M212T9_1	1344.631	10.393	1.629498	0.17854	0.414378	UP	212.1488	212.1422
2727	M281T31_	1.888575	0.917298	1.491289	0.178585	0.414392	UP	281.1658	281.1655
2728	M265T25_	10.81331	3.434736	1.628307	0.178721	0.414433	UP	265.1087	265.1084
2729	M320T24_	24.29149	4.602379	1.628372	0.178767	0.414447	UP	320.176	320.1758
2730	M862T29	2.852384	1.512168	1.47505	0.178804	0.414458	UP	862.1265	862.126
2731	M589T26_	6.32238	2.660468	1.621472	0.178831	0.414466	UP	589.2603	589.2601
2732	M463T37	1.535497	-0.61871	-1.52689	0.178887	0.414483	DOWN	463.1306	463.1299
2733	M614T35_	1.263034	0.336893	1.489138	0.178941	0.414499	UP	614.4481	614.4467
2734	M405T25	3.080671	1.623245	1.511176	0.17895	0.414502	UP	405.121	405.1205
2735	M324T38	2.235484	1.160587	1.505869	0.179115	0.414551	UP	324.1622	324.162
2736	M514T10_	4.225801	2.079225	1.59514	0.179199	0.414576	UP	514.1978	514.1972
2737	M588T28	10.67434	-3.41608	-1.62316	0.179301	0.414607	DOWN	588.2064	588.206
2738	M397T34	3.312382	1.727869	1.565508	0.179407	0.414639	UP	397.3035	397.2953
2739	M461T41	25.72654	4.685186	1.624949	0.179418	0.414642	UP	461.3635	461.3634
2740	M593T26	2.572941	1.363418	1.559574	0.179426	0.414644	UP	592.8641	592.8637
2741	M563T20	74.39785	6.217189	1.625092	0.179449	0.414651	UP	563.2389	563.2385
2742	M757T43_	1.375758	0.460227	1.478779	0.179512	0.41467	UP	757.0364	757.035
2743	M296T30	2.557045	1.354477	1.477779	0.179598	0.414696	UP	296.1466	296.1464
2744	M586T32_	5.296999	-2.40518	-1.61251	0.179746	0.41474	DOWN	586.2655	586.265
2745	M434T26_	3.091318	-1.62822	-1.60715	0.179755	0.414743	DOWN	434.3267	434.3262
2746	M492T44_	1.216119	0.282284	1.49283	0.179992	0.414813	UP	491.8754	491.8747
2747	M438T11_	127.4103	6.993338	1.622239	0.180068	0.414836	UP	438.2395	438.2389
2748	M775T42	1.856795	0.892814	1.515816	0.18019	0.414872	UP	774.5945	774.5941
2749	M568T19	9.804642	3.293465	1.603369	0.180247	0.414889	UP	568.0138	568.0136
2750	M794T9_3	53.85056	-5.75089	-1.62017	0.180496	0.414963	DOWN	794.413	794.4126
2751	M355T32_	2.609537	1.383794	1.537918	0.180575	0.414986	UP	355.2039	355.2038
2752	M405T33	3.393109	1.762608	1.606897	0.180612	0.414997	UP	405.1953	405.1948
2753	M358T23	3.997785	1.999201	1.530586	0.180644	0.415006	UP	357.8963	357.8962
2754	M532T25	8.216216	3.038474	1.617994	0.180674	0.415015	UP	532.3174	532.3174
2755	M227T15_	2.204463	1.140428	1.558086	0.180684	0.415018	UP	227.0639	227.0637
2756	M359T33	2.321508	1.215062	1.590209	0.18077	0.415044	UP	359.1896	359.1896
2757	M521T12	1.951212	0.96437	1.468721	0.180806	0.415054	UP	521.4063	521.4055
2758	M199T23	2.435643	1.284302	1.492377	0.180927	0.41509	UP	198.9579	198.9576
2759	M435T31_	2.715767	1.44136	1.501333	0.180974	0.415104	UP	434.5255	434.5254
2760	M794T11	2.16064	1.111459	1.492242	0.181009	0.415114	UP	793.6008	793.5977
2761	M361T16	35.96408	5.168485	1.616471	0.181158	0.415158	UP	361.0773	361.0771
2762	M313T30_	2.587245	1.371417	1.57506	0.181202	0.415171	UP	313.1568	313.1549
2763	M347T21_	2.355569	1.236076	1.478208	0.181206	0.415172	UP	347.1358	347.132
2764	M497T31_	1.529438	-0.613	-1.46774	0.181209	0.415173	DOWN	497.3429	497.3418
2765	M499T12_	42.29155	5.402298	1.616614	0.181238	0.415182	UP	499.2999	499.2995
2766	M286T16_	2.900565	1.536334	1.494025	0.181261	0.415188	UP	286.0739	286.0737
2767	M561T27	7.45237	-2.8977	-1.60986	0.18134	0.415211	DOWN	561.0157	561.0154
2768	M271T9	3.392031	1.762149	1.50738	0.181343	0.415212	UP	271.1515	271.1498
2769	M346T20	70.94622	6.148654	1.615845	0.181419	0.415235	UP	346.1205	346.1204
2770	M393T31	2.451384	1.293597	1.466676	0.181488	0.415255	UP	393.0997	393.0996
2771	M320T23_	2.553477	-1.35246	-1.57713	0.181569	0.415279	DOWN	320.2184	320.218
2772	M279T31_	7.952881	-2.99148	-1.58522	0.181664	0.415307	DOWN	279.2216	279.2149

2773	M293T31_	2.688243	1.426663	1.46421	0.181667	0.415307	UP	292.6072	292.607
2774	M243T32	2.347766	-1.23129	-1.53759	0.181705	0.415318	DOWN	243.138	243.1379
2775	M629T33	32.23293	5.010463	1.612419	0.182099	0.415434	UP	628.9997	628.999
2776	M442T23	2.095835	1.067525	1.469514	0.182123	0.415441	UP	442.1713	442.171
2777	M706T9_2	4.327375	2.113492	1.555473	0.182297	0.415491	UP	705.977	705.9653
2778	M377T13_	43.74949	5.451194	1.611069	0.182343	0.415505	UP	377.0893	377.0891
2779	M473T14_	57.29093	5.840235	1.611121	0.18237	0.415512	UP	473.2085	473.2083
2780	M455T26	2.803189	1.487069	1.469309	0.182393	0.415519	UP	455.0567	455.0558
2781	M379T44_	1.407339	0.49297	1.459926	0.182466	0.41554	UP	379.212	379.2119
2782	M380T25_	4.348572	2.120542	1.574172	0.182722	0.415615	UP	380.2795	380.27
2783	M454T19	4.375785	-2.12954	-1.60072	0.182736	0.415619	DOWN	454.3168	454.3164
2784	M521T39	2.876373	1.524251	1.531161	0.18277	0.415629	UP	521.3841	521.3838
2785	M534T25	10.38669	3.376664	1.609074	0.182818	0.415642	UP	534.3331	534.333
2786	M794T27	6.856538	2.77748	1.606388	0.183032	0.415704	UP	794.4598	794.4597
2787	M491T43	39.80694	5.314948	1.607627	0.183135	0.415734	UP	490.886	490.886
2788	M238T12	2.40507	1.266079	1.458305	0.183187	0.415749	UP	238.228	238.2274
2789	M486T26_	2.790203	1.48037	1.465941	0.183306	0.415783	UP	485.9601	485.9597
2790	M659T31_	2.932291	1.552028	1.458178	0.183308	0.415784	UP	659.2352	659.2345
2791	M573T43	1.309061	-0.38853	-1.47991	0.183419	0.415816	DOWN	573.3252	573.3245
2792	M326T11	8.667634	3.115638	1.595181	0.183426	0.415818	UP	326.0937	326.0934
2793	M562T23_	220.0885	7.78194	1.606291	0.183482	0.415834	UP	562.2354	562.2353
2794	M180T17	3.190052	1.67358	1.492869	0.183568	0.415859	UP	180.0382	180.0381
2795	M1388T9	4.037353	2.01341	1.533776	0.183572	0.41586	UP	1387.987	1387.986
2796	M220T11	6.477688	2.695479	1.588689	0.183619	0.415873	UP	220.0311	220.0309
2797	M348T28_	7.751758	2.954523	1.605384	0.183654	0.415884	UP	348.2073	348.2072
2798	M309T10_	3.096222	1.630509	1.514177	0.183883	0.415949	UP	309.2274	309.2265
2799	M572T11	9.984088	3.319631	1.589661	0.184195	0.416038	UP	572.1577	572.1557
2800	M289T32_	2.633868	1.397183	1.459643	0.184231	0.416049	UP	288.6412	288.6407
2801	M933T9_2	4.389985	2.134216	1.552163	0.184255	0.416056	UP	933.1447	933.1426
2802	M381T17_	2.396776	1.261095	1.473534	0.184296	0.416067	UP	381.2694	381.2693
2803	M367T2	1967.728	10.94232	1.602471	0.184312	0.416072	UP	366.7978	366.7975
2804	M184T20	2.04829	1.03442	1.455413	0.184467	0.416116	UP	184.0057	184.0056
2805	M330T12	662.8173	9.372467	1.60172	0.184475	0.416118	UP	330.1717	330.1715
2806	M748T12	2.01102	1.007928	1.454505	0.184561	0.416143	UP	747.5755	747.5743
2807	M490T43_	18.83601	4.235422	1.600464	0.184727	0.41619	UP	490.3843	490.3842
2808	M539T42_	1.236138	0.30584	1.550054	0.184741	0.416194	UP	539.0495	539.0484
2809	M454T9_6	17.40734	4.121624	1.596595	0.184821	0.416217	UP	454.2673	454.2672
2810	M304T32	8.113341	-3.0203	-1.59717	0.184912	0.416243	DOWN	304.1249	304.1245
2811	M423T38	1.686459	0.753997	1.452572	0.185046	0.41628	UP	423.4026	423.4018
2812	M382T15	3.023694	1.596312	1.541793	0.185072	0.416288	UP	381.7712	381.7707
2813	M478T19_	1.7992	0.847355	1.4516	0.185261	0.416341	UP	478.4007	478.3998
2814	M385T31_	1.85701	0.892982	1.519723	0.185362	0.41637	UP	385.2143	385.2141
2815	M517T9	3.760001	-1.91073	-1.58051	0.185537	0.416419	DOWN	517.2525	517.2525
2816	M488T26	3.877259	1.955037	1.513366	0.185579	0.416431	UP	488.2464	488.2457
2817	M458T30_	1.5827	-0.66239	-1.45806	0.185605	0.416439	DOWN	458.324	458.3238
2818	M458T21_	24.51483	4.615583	1.595828	0.18571	0.416468	UP	458.2441	458.244
2819	M357T36	1.462071	-0.54801	-1.51198	0.185729	0.416473	DOWN	357.2428	357.2427

2820	M348T28_	4.219894	2.077207	1.590716	0.185737	0.416476	UP	348.1552	348.1546
2821	M598T9_2	3.803687	1.927399	1.577344	0.185806	0.416495	UP	598.4176	598.4161
2822	M165T26_	1.210997	-0.2762	-1.50566	0.185843	0.416506	DOWN	165.0546	165.0545
2823	M780T10_	6.350726	2.666922	1.567788	0.185879	0.416516	UP	780.4031	780.4024
2824	M491T32	2.654257	1.408308	1.489143	0.185968	0.416541	UP	490.9752	490.975
2825	M322T14_	148.4837	7.214161	1.59456	0.186035	0.41656	UP	322.1916	322.1914
2826	M622T10	2.92597	1.548915	1.521222	0.186095	0.416576	UP	621.5153	621.5135
2827	M335T16_	4.646295	2.216081	1.556699	0.186134	0.416587	UP	335.2777	335.2775
2828	M342T14	966.6656	9.916873	1.593809	0.186202	0.416606	UP	342.1717	342.1714
2829	M758T26	10.23243	3.355077	1.592149	0.186282	0.416629	UP	758.3503	758.3498
2830	M583T42_	1.484324	0.569806	1.454266	0.186313	0.416638	UP	583.4106	583.4093
2831	M312T26_	2.711497	1.43909	1.449553	0.186321	0.41664	UP	311.5801	311.5793
2832	M794T9_2	314.3702	-8.29632	-1.59304	0.18637	0.416653	DOWN	794.2468	794.246
2833	M1726T9_	7.11203	2.830261	1.570962	0.186402	0.416662	UP	1726.241	1726.239
2834	M266T15_	1.545207	0.6278	1.465104	0.186537	0.4167	UP	266.2118	266.2117
2835	M332T27_	1.592213	0.671034	1.532027	0.186598	0.416717	UP	332.2304	332.2304
2836	M617T14	2.049863	1.035528	1.451132	0.186747	0.416759	UP	617.4643	617.463
2837	M570T37	4.038928	2.013973	1.570698	0.186779	0.416768	UP	570.4578	570.4572
2838	M482T10	8.173075	3.030879	1.587734	0.186897	0.416801	UP	482.1717	482.1708
2839	M500T20	195.4267	7.610483	1.589644	0.187117	0.416862	UP	500.2276	500.2275
2840	M715T41	1.736977	0.796578	1.496375	0.187276	0.416906	UP	715.3202	715.3183
2841	M588T29	3.160242	-1.66004	-1.51107	0.187297	0.416912	DOWN	588.3034	588.2936
2842	M328T10	2.164237	1.113858	1.455933	0.187322	0.416919	UP	328.2963	328.2951
2843	M289T29_	2.520544	1.333735	1.441392	0.187448	0.416954	UP	289.1387	289.1385
2844	M519T26	6.937616	2.79444	1.581086	0.18764	0.417007	UP	519.3414	519.3413
2845	M459T33_	1.603388	0.681123	1.441051	0.187715	0.417028	UP	458.8234	458.823
2846	M656T32	15.69456	-3.97219	-1.58582	0.187725	0.41703	DOWN	656.2521	656.2509
2847	M477T20	2.293984	1.197856	1.497144	0.18782	0.417056	UP	477.3412	477.3411
2848	M552T33	64.70831	6.015879	1.585795	0.187965	0.417097	UP	552.0902	552.0898
2849	M562T20	280.4218	8.131454	1.585516	0.18803	0.417114	UP	562.2354	562.2351
2850	M840T32	3.215199	1.684908	1.443223	0.188046	0.417119	UP	840.1421	840.1419
2851	M624T43_	1.168112	0.224178	1.440038	0.18821	0.417164	UP	623.9544	623.9535
2852	M636T10	2.826331	1.498931	1.494717	0.188301	0.417189	UP	636.4013	636.3984
2853	M455T20_	19.51523	4.286529	1.583674	0.188373	0.417209	UP	455.1982	455.1979
2854	M747T41	4.834439	-2.27335	-1.56747	0.188647	0.417284	DOWN	747.2216	747.2199
2855	M519T32_	2.560075	1.356186	1.463834	0.188727	0.417306	UP	518.9702	518.9699
2856	M769T43	1.39342	0.47863	1.51947	0.188811	0.417329	UP	769.032	769.0308
2857	M634T39	7.835464	2.970019	1.581006	0.188813	0.41733	UP	634.4373	634.4371
2858	M329T36	2.284705	1.192008	1.537727	0.188849	0.417339	UP	329.2089	329.2088
2859	M514T19	7.664689	2.938227	1.580805	0.188909	0.417356	UP	514.2703	514.27
2860	M167T32	1.583994	-0.66357	-1.43597	0.188951	0.417367	DOWN	166.9858	166.9858
2861	M415T26_	2.834176	1.502929	1.439902	0.188981	0.417375	UP	415.0336	415.0334
2862	M658T20	3.890391	-1.95992	-1.56133	0.189001	0.417381	DOWN	658.1664	658.1653
2863	M242T24	6.929042	-2.79266	-1.57023	0.189044	0.417393	DOWN	242.1832	242.183
2864	M352T14	2.598336	1.377588	1.456727	0.189058	0.417396	UP	352.285	352.2847
2865	M1038T10	3.551653	1.828491	1.556798	0.189098	0.417407	UP	1037.742	1037.738
2866	M471T29_	2.966274	1.568652	1.435357	0.189105	0.417409	UP	471.0276	471.0272

2867	M598T26	11.18422	3.483393	1.575234	0.189204	0.417436	UP	598.4534	598.4522
2868	M909T10	5.267452	2.397105	1.543487	0.189216	0.41744	UP	908.6892	908.6878
2869	M338T17_	1.553201	-0.63524	-1.44137	0.189261	0.417452	DOWN	338.0337	338.0333
2870	M819T42	1.949528	0.963125	1.505789	0.189278	0.417457	UP	818.6211	818.6211
2871	M172T28	2.669114	1.416361	1.435478	0.189316	0.417467	UP	171.5899	171.5899
2872	M901T11	3.860348	1.948731	1.504567	0.189417	0.417494	UP	900.5584	900.5575
2873	M346T18	2.566199	1.359633	1.472808	0.189577	0.417538	UP	345.9762	345.976
2874	M331T23	2.720702	1.443979	1.522497	0.189642	0.417555	UP	331.1307	331.1306
2875	M632T22	8.012279	-3.00221	-1.5731	0.189795	0.417597	DOWN	632.2606	632.26
2876	M261T6	2.3838	-1.25326	-1.53075	0.18988	0.41762	DOWN	261.0878	261.0876
2877	M259T23_	3.064401	1.615605	1.507592	0.189918	0.41763	UP	258.9747	258.9742
2878	M395T38	6.507434	2.702089	1.573894	0.189995	0.417651	UP	395.1641	395.1633
2879	M288T11_	143.7424	7.167342	1.576554	0.190025	0.417659	UP	288.15	288.1495
2880	M705T12	3.057583	1.612391	1.479132	0.190068	0.417671	UP	704.5696	704.5684
2881	M707T10_	4.493464	2.167828	1.517165	0.190201	0.417707	UP	707.4749	707.472
2882	M922T44_	1.969133	0.977561	1.545954	0.190287	0.41773	UP	921.5986	921.5976
2883	M373T26	2.783753	1.477031	1.438191	0.19031	0.417736	UP	373.0035	373.0034
2884	M446T21_	6.121732	2.61394	1.574762	0.190392	0.417758	UP	446.2905	446.2901
2885	M390T21	4.438575	-2.1501	-1.57332	0.190432	0.417769	DOWN	390.1664	390.1655
2886	M556T32	2.28233	-1.19051	-1.52374	0.19048	0.417782	DOWN	556.3041	556.3037
2887	M260T2	519.9092	9.022116	1.574008	0.190599	0.417814	UP	259.8937	259.8936
2888	M406T32	1.57887	-0.65889	-1.511	0.190617	0.417819	DOWN	406.1386	406.1378
2889	M260T9_1	3.066983	-1.61682	-1.51073	0.190864	0.417885	DOWN	259.6318	259.6314
2890	M804T10	5.686809	2.507619	1.540712	0.190916	0.417899	UP	804.4899	804.4892
2891	M307T19_	4.571043	2.192523	1.566081	0.190984	0.417917	UP	307.227	307.227
2892	M678T10_	7.604848	2.926919	1.569574	0.19101	0.417925	UP	678.0413	678.034
2893	M416T24_	8.039316	-3.00707	-1.56968	0.191026	0.417929	DOWN	416.1408	416.1402
2894	M457T12	2.199484	1.137165	1.428169	0.191146	0.417961	UP	457.362	457.3612
2895	M907T30	2.159537	1.110722	1.430664	0.191147	0.417961	UP	906.674	906.6728
2896	M456T12_	2.093965	1.066238	1.42777	0.191212	0.417978	UP	456.3586	456.3578
2897	M291T16	2.724031	-1.44574	-1.4914	0.191252	0.417989	DOWN	291.0857	291.0856
2898	M512T38	3.749702	1.906776	1.470877	0.191344	0.418014	UP	512.1224	512.1221
2899	M489T9_4	2.378811	-1.25024	-1.51689	0.191461	0.418045	DOWN	489.3041	489.3041
2900	M489T13	29.79828	4.897157	1.568653	0.191499	0.418055	UP	489.2036	489.2033
2901	M287T29	2.765691	1.46764	1.427668	0.191595	0.418081	UP	286.6358	286.6356
2902	M534T23	24.16842	4.595051	1.569286	0.191633	0.418091	UP	534.3328	534.3328
2903	M340T32_	1.608314	-0.68555	-1.53424	0.191647	0.418095	DOWN	340.1613	340.1611
2904	M351T12	2.458242	1.297627	1.453685	0.191682	0.418104	UP	351.2381	351.2377
2905	M241T10_	2.193098	1.13297	1.452065	0.191688	0.418106	UP	241.1911	241.1905
2906	M599T9	2.420496	1.275302	1.518719	0.191752	0.418123	UP	599.403	599.4008
2907	M411T33	87.35366	6.448796	1.568396	0.191863	0.418152	UP	411.1388	411.1387
2908	M509T11	6.560626	2.713834	1.545359	0.191869	0.418154	UP	509.2576	509.2574
2909	M403T44_	4.272632	-2.09513	-1.5597	0.191938	0.418172	DOWN	403.3417	403.3412
2910	M325T4	380.8576	8.573108	1.566836	0.192218	0.418247	UP	324.8766	324.8766
2911	M485T9_1	2.674345	-1.41919	-1.46518	0.192222	0.418247	DOWN	484.7878	484.7874
2912	M316T34	1.955427	0.967484	1.546459	0.192229	0.41825	UP	316.1602	316.1602
2913	M185T23	1.513093	-0.5975	-1.47472	0.192303	0.418269	DOWN	185.1285	185.1285

2914	M453T19_	2.497221	1.320323	1.454911	0.192324	0.418275	UP	453.0552	453.0547
2915	M429T19	26.69911	4.73872	1.565969	0.192364	0.418285	UP	429.1206	429.1204
2916	M747T37	3.470451	1.795123	1.539568	0.192372	0.418287	UP	746.5633	746.5629
2917	M400T30_	1.171598	0.228478	1.423059	0.192531	0.418329	UP	400.3058	400.3024
2918	M847T10	3.495644	1.805558	1.502316	0.192696	0.418373	UP	846.6813	846.6795
2919	M441T24	11.13859	3.477495	1.563171	0.192949	0.41844	UP	441.1823	441.1818
2920	M422T12	202.7328	7.663436	1.562907	0.19311	0.418482	UP	422.2441	422.2439
2921	M386T26	2.683024	1.42386	1.436006	0.193172	0.418498	UP	386.0354	386.0352
2922	M709T10_	5.633845	2.49412	1.531863	0.193176	0.418499	UP	708.972	708.9704
2923	M518T26	5.800205	2.536104	1.552871	0.19319	0.418503	UP	518.338	518.3377
2924	M453T26	2.802563	1.486747	1.425711	0.193231	0.418514	UP	453.0615	453.061
2925	M612T25	13.02561	3.703279	1.561733	0.193268	0.418524	UP	612.3925	612.3924
2926	M543T30	3.841296	1.941593	1.471261	0.193291	0.41853	UP	543.0263	543.0261
2927	M355T13	178.387	7.478867	1.561988	0.19332	0.418537	UP	355.1668	355.1667
2928	M654T32	9.638807	-3.26885	-1.5541	0.193348	0.418544	DOWN	654.253	654.2526
2929	M836T34	2.673501	1.41873	1.540054	0.193362	0.418548	UP	835.5833	835.582
2930	M356T32_	2.235625	1.160678	1.440823	0.193415	0.418562	UP	356.1887	356.1885
2931	M460T21	2.481106	1.310983	1.53065	0.193598	0.41861	UP	460.2695	460.2686
2932	M507T33	1.901257	0.926953	1.489661	0.193603	0.418611	UP	507.3292	507.3292
2933	M339T29_	2.531166	1.339802	1.42711	0.193647	0.418623	UP	338.5958	338.5956
2934	M534T24_	13.79975	3.78657	1.560327	0.193661	0.418627	UP	534.3329	534.3329
2935	M423T37	372.0686	8.539425	1.560418	0.193679	0.418631	UP	423.1383	423.1381
2936	M407T31	13.54985	-3.7602	-1.55829	0.193772	0.418656	DOWN	406.7223	406.722
2937	M442T11_	2.910014	1.541026	1.45344	0.193993	0.418713	UP	442.2351	442.2331
2938	M775T31_	25.57022	-4.67639	-1.55715	0.194161	0.418757	DOWN	774.9627	774.9619
2939	M804T31	8.741062	3.127809	1.537925	0.194174	0.41876	UP	804.0963	804.0956
2940	M305T21	109.0757	6.769186	1.558233	0.194176	0.418761	UP	305.1516	305.1513
2941	M323T17_	3.184536	1.671083	1.438844	0.194191	0.418765	UP	323.0215	323.0209
2942	M607T34	5.712769	2.51419	1.54732	0.194205	0.418768	UP	607.3248	607.3248
2943	M542T10	6.734665	2.751606	1.546187	0.194352	0.418807	UP	542.1928	542.1913
2944	M282T26	2.322626	1.215757	1.415593	0.194642	0.418882	UP	282.131	282.1307
2945	M326T27_	7.836132	-2.97014	-1.55279	0.194651	0.418885	DOWN	326.0978	326.0974
2946	M323T14	293.3453	8.196456	1.556136	0.19466	0.418887	UP	323.195	323.1947
2947	M563T23_	36.78246	5.200946	1.555534	0.194742	0.418908	UP	563.2388	563.2387
2948	M671T43	1.415532	0.501344	1.453459	0.194781	0.418918	UP	670.5106	670.5101
2949	M1869T10	8.428453	3.075268	1.54404	0.194841	0.418934	UP	1869.229	1869.225
2950	M446T9_2	2.344544	-1.22931	-1.4705	0.194853	0.418937	DOWN	445.9704	445.97
2951	M481T32_	2.584256	1.369749	1.447931	0.1949	0.418949	UP	481.0927	481.0924
2952	M571T44_	1.22908	0.297579	1.417331	0.19494	0.418959	UP	571.4148	571.4139
2953	M253T26	2.695854	-1.43074	-1.51739	0.194958	0.418964	DOWN	253.1951	253.195
2954	M469T44	1.156362	0.209593	1.418207	0.195012	0.418978	UP	469.3607	469.3598
2955	M444T32	2.44201	1.288069	1.490887	0.195071	0.418993	UP	444.0616	444.0615
2956	M316T29	3.142524	-1.65192	-1.50169	0.195079	0.418995	DOWN	315.6302	315.6298
2957	M769T26	2.834043	1.502861	1.41476	0.195094	0.418999	UP	768.7852	768.7843
2958	M420T44_	6.499879	-2.70041	-1.54861	0.195132	0.419009	DOWN	420.3681	420.3676
2959	M440T22	2.290144	1.195438	1.416071	0.195135	0.41901	UP	440.0442	440.0436
2960	M706T10_	4.266331	2.092996	1.497194	0.195173	0.419019	UP	706.473	706.4701

2961	M627T31_	119.9412	6.906184	1.552923	0.195398	0.419078	UP	626.9839	626.9837
2962	M469T17	3.832192	1.93817	1.448485	0.195405	0.419079	UP	468.9518	468.9515
2963	M427T18_	18.36112	4.198582	1.54996	0.195416	0.419082	UP	427.1047	427.1047
2964	M619T32	2.675641	1.419884	1.434372	0.195507	0.419105	UP	618.8952	618.895
2965	M417T16	2.973591	1.572206	1.424703	0.195776	0.419175	UP	416.9021	416.9017
2966	M687T10_	2.461644	1.299622	1.46999	0.195937	0.419216	UP	687.2868	687.2857
2967	M404T24	2.923382	-1.54764	-1.5421	0.195985	0.419228	DOWN	404.3009	404.3007
2968	M721T29	2.572389	1.363109	1.41399	0.196151	0.419271	UP	721.1938	721.1934
2969	M527T19	6.63574	2.730257	1.521034	0.196175	0.419277	UP	526.9868	526.9865
2970	M570T36_	2.115137	-1.08075	-1.53498	0.196286	0.419305	DOWN	570.4273	570.4267
2971	M374T29_	3.643609	1.865368	1.438395	0.196404	0.419336	UP	373.5609	373.5607
2972	M333T26	2.400678	1.263442	1.421722	0.196451	0.419348	UP	332.5954	332.595
2973	M338T16_	39.37142	5.299077	1.54756	0.196626	0.419392	UP	338.2232	338.223
2974	M681T43_	1.166196	0.221811	1.408486	0.196893	0.41946	UP	681.4811	681.4799
2975	M221T28_	6.130008	2.615889	1.524281	0.19718	0.419533	UP	221.1035	221.0967
2976	M560T18	2.04135	1.029523	1.408033	0.197189	0.419535	UP	560.01	560.0089
2977	M680T9_2	6.162381	2.623488	1.531423	0.197239	0.419548	UP	679.6756	679.6699
2978	M366T22	621.1033	9.278689	1.544239	0.197412	0.419592	UP	366.2544	366.2542
2979	M401T10_	2.216699	1.148413	1.406066	0.197419	0.419593	UP	401.2645	401.2631
2980	M368T12	2.601817	1.379519	1.443263	0.197475	0.419608	UP	368.2646	368.2642
2981	M303T37_	2.046507	1.033164	1.414397	0.197516	0.419618	UP	303.2232	303.223
2982	M283T19_	60.80498	5.926118	1.543516	0.197555	0.419628	UP	282.6293	282.6292
2983	M398T34	3.36682	1.751386	1.491695	0.197623	0.419645	UP	397.8053	397.8048
2984	M453T21_	10.29924	-3.36447	-1.53862	0.197657	0.419654	DOWN	453.1581	453.1579
2985	M469T12_	1.887135	0.916198	1.413392	0.197714	0.419668	UP	469.3467	469.3459
2986	M331T12	294.6771	8.202991	1.542625	0.197788	0.419687	UP	331.175	331.1747
2987	M443T29_	2.69933	1.432601	1.405865	0.197852	0.419703	UP	443.0789	443.0787
2988	M668T43_	1.233116	0.302308	1.43719	0.198023	0.419746	UP	667.9808	667.9795
2989	M219T12_	2.487061	1.314442	1.493176	0.198101	0.419766	UP	219.0994	219.0993
2990	M620T32_	32.45608	-5.02042	-1.54049	0.198164	0.419781	DOWN	620.2459	620.2453
2991	M345T11_	2.151157	1.105113	1.403334	0.198173	0.419784	UP	345.2068	345.206
2992	M964T43	32.92018	5.0409	1.540289	0.198246	0.419802	UP	963.7398	963.7392
2993	M748T19_	1.980911	0.986164	1.403087	0.198249	0.419803	UP	747.5439	747.5426
2994	M294T32_	3.686014	-1.88206	-1.52251	0.198305	0.419817	DOWN	293.6365	293.6362
2995	M779T10_	5.80803	2.538049	1.513812	0.198404	0.419841	UP	779.438	779.4363
2996	M522T12_	4.778646	2.256602	1.507038	0.198489	0.419863	UP	522.4053	522.4051
2997	M736T10	3.681543	1.880311	1.494736	0.198553	0.419879	UP	736.4709	736.47
2998	M352T29_	2.645148	1.403349	1.40826	0.198575	0.419884	UP	351.5935	351.5929
2999	M342T19	28.28249	4.821837	1.538314	0.198683	0.419911	UP	342.1434	342.1432
3000	M314T30_	1.912693	0.935605	1.433608	0.198788	0.419938	UP	314.1469	314.1465
3001	M963T43	33.77888	5.07805	1.537597	0.198901	0.419966	UP	962.7365	962.7356
3002	M463T31	2.018032	1.012949	1.411431	0.198924	0.419972	UP	463.1713	463.1706
3003	M288T32_	2.698683	1.432256	1.402445	0.198988	0.419988	UP	287.6436	287.6436
3004	M832T35	6.943076	2.795575	1.524623	0.199061	0.420006	UP	831.6246	831.6242
3005	M801T23_	42.74104	-5.41755	-1.53699	0.199103	0.420016	DOWN	801.4332	801.4327
3006	M199T22	1.755962	-0.81226	-1.46896	0.199125	0.420022	DOWN	199.1887	199.1884
3007	M258T9	2.352768	-1.23436	-1.4373	0.199227	0.420047	DOWN	258.132	258.1315

3008	M749T41_	5.58804	-2.48234	-1.52621	0.199248	0.420052	DOWN	749.2194	749.218
3009	M443T24	2.115164	-1.08077	-1.42463	0.199297	0.420065	DOWN	443.2405	443.2402
3010	M347T11	1.996039	0.99714	1.40298	0.199425	0.420096	UP	347.1856	347.1853
3011	M384T18_	2.533765	1.341283	1.41924	0.199481	0.42011	UP	384.0039	384.0033
3012	M260T9_2	2.972992	-1.57192	-1.45506	0.199495	0.420114	DOWN	260.1301	260.1294
3013	M618T10	2.336484	1.224339	1.398366	0.199567	0.420132	UP	617.851	617.849
3014	M540T28_	14.93738	-3.90085	-1.53271	0.19965	0.420152	DOWN	540.2399	540.2395
3015	M595T11	2.280826	1.189556	1.415208	0.19981	0.420192	UP	595.4083	595.4071
3016	M707T10_	3.858129	1.947901	1.475335	0.199811	0.420192	UP	706.9744	706.9718
3017	M669T11	2.64741	1.404582	1.397433	0.199824	0.420195	UP	668.5118	668.5113
3018	M541T31	2.619095	1.389068	1.404558	0.199874	0.420208	UP	541.0095	541.009
3019	M388T39	6.147299	2.619953	1.500221	0.199936	0.420223	UP	388.1319	388.1317
3020	M780T10_	5.42377	2.439296	1.504324	0.19995	0.420226	UP	780.4423	780.4411
3021	M289T11_	176.5877	7.464241	1.532718	0.200114	0.420267	UP	289.1535	289.1528
3022	M873T10	2.964542	1.567809	1.472881	0.200337	0.420322	UP	872.5461	872.5443
3023	M496T31_	1.495057	-0.5802	-1.39834	0.20038	0.420333	DOWN	496.3396	496.3383
3024	M580T20	2.281229	1.189811	1.401286	0.200473	0.420356	UP	580.4214	580.4194
3025	M207T27_	2.238897	1.162788	1.398528	0.200475	0.420356	UP	206.5876	206.5876
3026	M375T35	2.252926	1.1718	1.415521	0.200523	0.420368	UP	375.183	375.1826
3027	M306T23_	3.979431	-1.99256	-1.46672	0.200598	0.420386	DOWN	306.2536	306.247
3028	M498T30_	2.900142	1.536124	1.405097	0.200623	0.420393	UP	498.1778	498.1774
3029	M440T12	69.97436	6.128755	1.530528	0.200624	0.420393	UP	440.2458	440.2453
3030	M697T9_4	3.896593	1.962213	1.490246	0.200658	0.420401	UP	697.4417	697.4404
3031	M429T10_	3.626639	1.858633	1.451304	0.200674	0.420405	UP	429.2251	429.2245
3032	M371T30_	2.973505	1.572164	1.520125	0.200797	0.420435	UP	371.1835	371.1829
3033	M429T29_	4.675445	2.225104	1.52333	0.200962	0.420476	UP	429.2235	429.2235
3034	M833T45	1.257402	0.330445	1.393511	0.200963	0.420476	UP	832.6365	832.6348
3035	M262T26_	2.035666	-1.0255	-1.48939	0.201175	0.420528	DOWN	262.1802	262.1798
3036	M271T25	3.301244	1.72301	1.486991	0.20118	0.420529	UP	271.2827	271.2823
3037	M368T10_	3.672214	1.87665	1.451838	0.201423	0.420588	UP	367.721	367.7203
3038	M248T17_	2.533909	1.341365	1.400129	0.201503	0.420608	UP	248.0218	248.0217
3039	M488T28	2.749348	1.45909	1.392053	0.201609	0.420634	UP	488.1032	488.1027
3040	M478T11_	2.301861	1.202801	1.394665	0.201659	0.420646	UP	478.4007	478.3994
3041	M494T29_	3.323739	1.732807	1.421968	0.201709	0.420658	UP	494.0324	494.0319
3042	M303T34	8.037914	-3.00682	-1.52076	0.201734	0.420664	DOWN	303.2169	303.2165
3043	M863T29	2.889905	1.531022	1.390844	0.201768	0.420673	UP	863.1297	863.1289
3044	M769T29	2.300471	1.201929	1.393843	0.20181	0.420683	UP	769.1941	769.1935
3045	M448T32_	2.902834	1.537462	1.390832	0.20187	0.420697	UP	447.5337	447.5335
3046	M280T27_	2.385569	-1.25433	-1.49314	0.201875	0.420699	DOWN	280.1908	280.1904
3047	M338T17_	12.41139	3.633592	1.520686	0.201882	0.4207	UP	338.0883	338.0881
3048	M681T9_3	43.51117	-5.44331	-1.52474	0.201901	0.420705	DOWN	681.2126	681.2124
3049	M520T44	38.06649	5.25045	1.524596	0.201992	0.420727	UP	519.9069	519.9067
3050	M543T32	5.225797	2.385651	1.507923	0.202005	0.42073	UP	543.4297	543.4292
3051	M236T22	4.229961	-2.08064	-1.5101	0.202081	0.420749	DOWN	236.2224	236.222
3052	M866T42_	1.586041	0.66543	1.396286	0.202103	0.420754	UP	866.0995	866.0987
3053	M735T41	2.545744	1.348087	1.492043	0.202124	0.420759	UP	735.2356	735.2354
3054	M901T10	3.94313	1.979341	1.447514	0.202127	0.42076	UP	901.4493	901.4483

3055	M336T44	2.248458	1.168936	1.48145	0.20218	0.420773	UP	336.2209	336.2206
3056	M519T44_	22.53104	4.493842	1.522236	0.202551	0.420863	UP	519.4052	519.405
3057	M312T13	2.062873	1.044655	1.38862	0.202571	0.420867	UP	312.2326	312.232
3058	M351T10_	10.19715	3.350094	1.515953	0.202706	0.4209	UP	350.8794	350.8789
3059	M603T22	45.55651	5.509585	1.521563	0.202744	0.420909	UP	603.21	603.2097
3060	M454T11	2.569002	1.361208	1.424694	0.202807	0.420924	UP	453.8431	453.8348
3061	M589T24	77.85398	6.282699	1.521134	0.202854	0.420936	UP	589.2307	589.2306
3062	M442T24	8.70209	3.121362	1.5193	0.203173	0.421013	UP	442.1856	442.1849
3063	M745T41	3.647909	-1.86707	-1.49896	0.203379	0.421062	DOWN	745.2252	745.2237
3064	M381T15_	2.632315	1.396332	1.456604	0.203414	0.421071	UP	381.2694	381.2689
3065	M564T19	16.77795	4.068494	1.518502	0.203435	0.421076	UP	564.2511	564.251
3066	M500T10_	2.04245	1.030301	1.400416	0.203444	0.421078	UP	500.3486	500.3479
3067	M454T30	2.425134	1.278064	1.426696	0.203445	0.421078	UP	454.368	454.3674
3068	M509T22_	4.712904	2.236616	1.483635	0.203454	0.42108	UP	509.1164	509.1162
3069	M584T44	1.443459	-0.52953	-1.47514	0.20351	0.421093	DOWN	584.3277	584.327
3070	M228T43	1.151789	-0.20388	-1.38458	0.203607	0.421117	DOWN	228.1957	228.1954
3071	M340T38	1.657938	0.72939	1.384696	0.203674	0.421133	UP	340.3211	340.3205
3072	M700T26	2.885988	1.529065	1.413243	0.203831	0.42117	UP	700.128	700.1273
3073	M341T10_	2.125015	1.087473	1.46164	0.203862	0.421178	UP	341.2438	341.2427
3074	M679T10	2.980274	1.575445	1.394316	0.203879	0.421182	UP	679.4065	679.3999
3075	M228T42	1.13304	-0.1802	-1.38409	0.203899	0.421187	DOWN	228.1958	228.1955
3076	M551T26	10.3511	3.371712	1.515543	0.204096	0.421234	UP	551.3231	551.3227
3077	M230T10_	3.568931	1.835492	1.421429	0.204169	0.421251	UP	230.0937	230.0934
3078	M572T19_	2.156331	1.108579	1.41306	0.204216	0.421262	UP	571.8774	571.8766
3079	M542T22_	57.10876	5.83564	1.514948	0.204329	0.421289	UP	542.1584	542.158
3080	M509T31_	33.09374	5.048486	1.513491	0.204467	0.421322	UP	509.048	509.0479
3081	M356T14	68.61136	6.100375	1.514293	0.204496	0.421329	UP	356.1509	356.1508
3082	M193T24	1.91796	0.939572	1.502611	0.204503	0.421331	UP	193.0861	193.0859
3083	M568T16	7.943294	2.989737	1.498376	0.205012	0.421451	UP	568.1302	568.1295
3084	M538T12_	2.166407	1.115305	1.379509	0.205076	0.421466	UP	538.4006	538.3994
3085	M989T11	3.244625	1.698052	1.433698	0.205095	0.421471	UP	988.6102	988.6099
3086	M721T41	3.458357	-1.79009	-1.48903	0.205117	0.421476	DOWN	721.2583	721.257
3087	M311T15	19.34911	4.274195	1.511354	0.205199	0.421496	UP	311.1951	311.1949
3088	M933T9_1	4.203778	2.071687	1.462953	0.20526	0.42151	UP	932.6434	932.6401
3089	M352T19	8.279775	3.049592	1.507795	0.20541	0.421545	UP	352.2388	352.2385
3090	M230T10_	3.322121	1.732105	1.414174	0.205412	0.421546	UP	229.5975	229.5972
3091	M398T19	2.717603	1.442335	1.383461	0.205463	0.421558	UP	397.9988	397.9987
3092	M259T9_2	2.683531	-1.42413	-1.42768	0.205587	0.421587	DOWN	259.1305	259.1299
3093	M527T44_	1.189508	0.250365	1.409717	0.205618	0.421594	UP	526.8866	526.8858
3094	M686T31_	3.47124	1.795451	1.503086	0.205775	0.421631	UP	686.3645	686.3639
3095	M576T30	1.208588	0.273322	1.396731	0.205807	0.421639	UP	576.4109	576.4099
3096	M483T32_	2.015008	1.010786	1.379844	0.205874	0.421654	UP	483.4519	483.4518
3097	M324T17	3.158012	1.659017	1.402064	0.205882	0.421656	UP	324.0251	324.0249
3098	M370T28_	1.932223	0.950261	1.380791	0.205884	0.421657	UP	369.5991	369.5986
3099	M435T9_1	2.118757	-1.08322	-1.42414	0.205937	0.421669	DOWN	434.7798	434.7796
3100	M419T27_	2.245023	1.16673	1.395316	0.20604	0.421694	UP	419.1267	419.1261
3101	M456T20	12.33264	3.62441	1.507119	0.206114	0.421711	UP	456.2015	456.2012

3102	M498T32	3.359922	1.748428	1.464127	0.206191	0.421729	UP	498.4001	498.399
3103	M829T11	2.681573	1.423079	1.404223	0.206326	0.421761	UP	829.35	829.3479
3104	M463T24	8.353578	-3.06239	-1.50323	0.20685	0.421883	DOWN	463.1744	463.1744
3105	M317T30_	3.196043	-1.67629	-1.47669	0.206919	0.421899	DOWN	316.638	316.6378
3106	M275T31	2.697006	1.431359	1.378957	0.207078	0.421936	UP	274.6357	274.6355
3107	M374T12	1.813295	0.858614	1.373691	0.207096	0.42194	UP	374.291	374.2903
3108	M574T34_	1.796944	0.845545	1.408357	0.207497	0.422033	UP	574.4114	574.4108
3109	M621T10_	2.577728	1.3661	1.423979	0.207564	0.422049	UP	621.3941	621.3934
3110	M529T34	2.246652	1.167776	1.392408	0.207622	0.422062	UP	529.3817	529.3809
3111	M173T9_3	8.279535	3.04955	1.496969	0.207626	0.422063	UP	173.2612	173.2545
3112	M306T32_	12.75127	-3.67257	-1.49935	0.207643	0.422067	DOWN	306.1218	306.1214
3113	M469T13	3.266534	1.707761	1.382891	0.207728	0.422087	UP	468.8606	468.8603
3114	M705T20	2.533145	1.34093	1.427985	0.207895	0.422125	UP	704.5697	704.5692
3115	M613T11	3.460643	1.79104	1.439282	0.207962	0.422141	UP	613.261	613.2603
3116	M247T2	5902.767	12.52718	1.499884	0.208029	0.422156	UP	246.8621	246.8619
3117	M298T29	3.713423	1.89275	1.473517	0.208387	0.422239	UP	298.3106	298.3102
3118	M622T32_	23.95118	-4.58202	-1.49725	0.208425	0.422247	DOWN	622.2425	622.2419
3119	M335T27	2.960596	1.565888	1.414779	0.208471	0.422258	UP	335.0182	335.0181
3120	M404T30	1.336393	-0.41834	-1.3917	0.208523	0.42227	DOWN	404.2427	404.2363
3121	M445T37_	2.364351	1.241444	1.468474	0.208619	0.422292	UP	445.157	445.157
3122	M396T11	2.054452	1.038754	1.367511	0.208709	0.422312	UP	396.3589	396.3586
3123	M376T39	1.72292	-0.78486	-1.40744	0.208828	0.42234	DOWN	376.3138	376.3134
3124	M686T31_	5.375035	2.426274	1.452285	0.208881	0.422352	UP	686.1612	686.161
3125	M470T10	8.47229	3.082752	1.495375	0.208882	0.422352	UP	470.2652	470.2651
3126	M559T34	1.863589	0.898084	1.380155	0.208912	0.422359	UP	559.4765	559.4757
3127	M475T43_	1.243206	0.314066	1.407476	0.208927	0.422362	UP	474.6716	474.6713
3128	M330T28_	1.998268	0.99875	1.471761	0.209051	0.422391	UP	330.2498	330.2495
3129	M345T34	1.773186	-0.82634	-1.40293	0.209153	0.422414	DOWN	345.3192	345.3187
3130	M757T29_	2.096237	1.067802	1.395178	0.209157	0.422415	UP	757.1989	757.1987
3131	M836T11	3.143419	-1.65233	-1.47415	0.209398	0.42247	DOWN	836.3471	836.3443
3132	M313T30_	1.846193	0.884553	1.391358	0.209408	0.422472	UP	313.1435	313.1431
3133	M315T31	1.927391	0.946649	1.415786	0.20943	0.422477	UP	315.1205	315.1201
3134	M331T13_	195.006	7.607375	1.494158	0.20944	0.42248	UP	331.1557	331.1555
3135	M281T37	1.57994	-0.65987	-1.4679	0.209505	0.422494	DOWN	281.0511	281.0506
3136	M323T33_	1.752374	0.809311	1.43176	0.209517	0.422497	UP	323.2497	323.2495
3137	M538T9	2.321502	-1.21506	-1.39189	0.209614	0.422519	DOWN	538.2987	538.298
3138	M298T30_	4.438099	2.149942	1.477928	0.209668	0.422531	UP	298.3106	298.3101
3139	M207T26	2.011191	1.00805	1.453175	0.209698	0.422538	UP	207.0798	207.0797
3140	M462T9_2	20.89038	4.384767	1.492937	0.209702	0.422539	UP	462.3537	462.3493
3141	M450T37	1.816714	0.861331	1.468867	0.209762	0.422553	UP	450.1574	450.1572
3142	M252T26	5.135362	-2.36047	-1.47673	0.209849	0.422573	DOWN	252.127	252.1266
3143	M334T16	3.530725	1.819964	1.445347	0.209863	0.422576	UP	334.2744	334.2741
3144	M425T37	35.75053	5.159893	1.492055	0.209929	0.422591	UP	425.1351	425.1351
3145	M278T26_	3.303093	1.723818	1.426222	0.210188	0.422649	UP	277.6021	277.6018
3146	M676T26	4.847115	-2.27713	-1.4788	0.210243	0.422662	DOWN	676.1528	676.1523
3147	M337T28_	1.48189	0.567439	1.366779	0.210298	0.422674	UP	336.9294	336.9291
3148	M712T32	5.431971	2.441476	1.445172	0.210417	0.422701	UP	712.1772	712.1772

3149	M351T44	1.446837	0.532902	1.479185	0.210421	0.422702	UP	351.1966	351.1958
3150	M363T11_	1.893181	0.920812	1.363865	0.210428	0.422704	UP	363.2629	363.2615
3151	M499T12_	185.539	7.535578	1.489892	0.210499	0.42272	UP	499.2343	499.2338
3152	M835T10	4.621514	2.208365	1.448873	0.21073	0.422772	UP	835.0203	835.02
3153	M455T32	3.069248	1.617885	1.427073	0.210884	0.422807	UP	455.3774	455.3769
3154	M324T31	1.69038	0.757348	1.419038	0.211047	0.422843	UP	324.2171	324.2165
3155	M748T41	6.576074	-2.71723	-1.47225	0.211124	0.422861	DOWN	748.2238	748.2233
3156	M509T30_	2.359552	-1.23851	-1.37039	0.21137	0.422916	DOWN	509.1662	509.1658
3157	M224T13	5.689054	2.508189	1.479664	0.211378	0.422918	UP	224.2011	224.2008
3158	M332T10_	2.458307	1.297665	1.419884	0.211509	0.422947	UP	331.7567	331.7556
3159	M463T9	4.591485	2.198961	1.441029	0.211585	0.422964	UP	462.8514	462.8499
3160	M339T32_	2.694598	1.43007	1.366657	0.211677	0.422984	UP	338.6036	338.6035
3161	M768T29	2.300358	1.201858	1.36445	0.211738	0.422998	UP	768.1908	768.189
3162	M233T33	3.334192	1.737337	1.444524	0.211765	0.423004	UP	233.2112	233.211
3163	M780T34	3.967352	1.988176	1.452039	0.211856	0.423024	UP	779.5835	779.5819
3164	M675T32	6.544114	2.710198	1.476344	0.211882	0.42303	UP	674.5059	674.5048
3165	M406T12	1.842825	0.881919	1.356758	0.211954	0.423046	UP	406.3069	406.3058
3166	M788T41	10.79404	-3.43216	-1.48051	0.211958	0.423047	DOWN	788.2471	788.2466
3167	M393T39	2.286149	1.19292	1.471511	0.212075	0.423073	UP	393.3113	393.3107
3168	M314T35	6.591383	-2.72058	-1.48299	0.212096	0.423078	DOWN	314.3418	314.3413
3169	M320T24_	5.89851	-2.56035	-1.47875	0.212105	0.42308	DOWN	320.2435	320.2428
3170	M270T25_	2.762148	1.465791	1.428176	0.212117	0.423083	UP	270.2794	270.2787
3171	M733T24	1.947073	0.961307	1.381679	0.212208	0.423103	UP	732.5479	732.5461
3172	M525T34	2.720919	1.444094	1.424856	0.212363	0.423137	UP	525.4497	525.4492
3173	M219T15	4.085075	2.030363	1.459636	0.212447	0.423156	UP	219.1746	219.1744
3174	M440T32_	2.540125	1.344899	1.401422	0.212723	0.423217	UP	440.0661	440.0659
3175	M490T13	23.18384	4.535048	1.479201	0.212775	0.423229	UP	490.207	490.2067
3176	M469T12_	26.10903	4.706477	1.480488	0.212819	0.423239	UP	469.245	469.2446
3177	M708T30_	2.648237	1.405032	1.358767	0.212902	0.423257	UP	708.1902	708.1779
3178	M411T12	39.96197	5.320556	1.480071	0.212928	0.423263	UP	411.2475	411.2471
3179	M925T9	8.54807	3.095599	1.470857	0.21293	0.423263	UP	924.6971	924.6956
3180	M413T30_	3.400356	1.765686	1.419792	0.21298	0.423274	UP	413.2298	413.2292
3181	M532T22	17.47789	4.12746	1.479753	0.21299	0.423276	UP	532.3174	532.317
3182	M377T10_	18.96479	4.245252	1.478076	0.213077	0.423296	UP	376.7042	376.704
3183	M252T10	5.908181	2.562714	1.449763	0.213249	0.423334	UP	251.9414	251.9413
3184	M220T10_	2.208811	1.14327	1.362517	0.213312	0.423347	UP	220.1094	220.1089
3185	M306T21_	199.5705	7.640755	1.478509	0.213349	0.423356	UP	306.1241	306.1238
3186	M624T12	2.869589	1.520844	1.391135	0.213435	0.423375	UP	623.5309	623.5296
3187	M454T32_	2.804883	1.487941	1.408986	0.21348	0.423385	UP	454.3739	454.3729
3188	M439T18_	2.371446	1.245767	1.37731	0.213557	0.423402	UP	438.7871	438.7867
3189	M397T37	4.4776	2.162726	1.472465	0.213599	0.423411	UP	397.1624	397.1622
3190	M342T9_4	2.838304	1.505029	1.409433	0.213815	0.423458	UP	342.1087	342.1081
3191	M213T23	2.34251	1.228055	1.435404	0.213868	0.42347	UP	213.0778	213.0777
3192	M614T37	3.439623	1.782251	1.446057	0.21389	0.423475	UP	614.4841	614.4835
3193	M497T21_	6.788453	2.763083	1.473181	0.214109	0.423523	UP	497.2085	497.2083
3194	M301T29_	2.216564	1.148325	1.350382	0.214179	0.423538	UP	300.6335	300.6331
3195	M451T26	3.724717	1.897131	1.385588	0.214339	0.423573	UP	451.0176	451.0175

3196	M483T23_	6.022902	2.590459	1.472923	0.214492	0.423607	UP	483.2756	483.2755
3197	M287T11	5.050877	2.336534	1.439741	0.214558	0.423621	UP	287.0864	287.086
3198	M826T10	5.818764	2.540713	1.444217	0.214695	0.423651	UP	825.587	825.5854
3199	M374T33	1.576187	0.656439	1.426649	0.214739	0.42366	UP	374.1655	374.1652
3200	M584T9	1.996253	-0.99729	-1.39834	0.214823	0.423679	DOWN	584.4383	584.4377
3201	M554T28_	1.643463	0.716739	1.370252	0.214858	0.423686	UP	553.8951	553.894
3202	M521T24	2.915275	1.543632	1.364819	0.214867	0.423688	UP	521.0923	521.0922
3203	M508T22_	16.94981	4.083197	1.472032	0.214915	0.423699	UP	508.3173	508.3171
3204	M338T24_	2.11239	1.078876	1.456091	0.215003	0.423718	UP	338.2412	338.2407
3205	M418T24	9.497633	-3.24757	-1.46845	0.21503	0.423724	DOWN	418.1379	418.1378
3206	M494T17_	2.149676	1.104119	1.380684	0.21503	0.423724	UP	494.3478	494.3469
3207	M695T10_	5.107154	2.352519	1.441971	0.215049	0.423728	UP	694.9251	694.9244
3208	M724T44	1.589916	0.66895	1.436876	0.215349	0.423793	UP	724.3546	724.3541
3209	M424T10_	2.586153	1.370807	1.404528	0.215366	0.423797	UP	423.8435	423.8418
3210	M161T11	2.368697	1.244094	1.360187	0.2154	0.423804	UP	161.154	161.1537
3211	M409T31	53.17017	5.732545	1.470405	0.215402	0.423805	UP	409.1232	409.1231
3212	M703T26	2.057365	1.040798	1.348364	0.215492	0.423824	UP	702.9944	702.9942
3213	M275T27_	2.236085	1.160975	1.347262	0.215706	0.42387	UP	275.1272	275.1269
3214	M993T38	1.422811	-0.50874	-1.35631	0.215762	0.423883	DOWN	992.5441	992.5427
3215	M445T37_	1.475633	-0.56133	-1.38028	0.215776	0.423886	DOWN	445.1201	445.1193
3216	M460T15	51.88032	5.697115	1.468683	0.215834	0.423898	UP	460.2599	460.2595
3217	M455T15	38.47332	5.265786	1.46854	0.21585	0.423902	UP	455.2445	455.244
3218	M523T12	2.092475	1.065211	1.358506	0.215913	0.423915	UP	523.413	523.408
3219	M730T29	4.356844	-2.12328	-1.43825	0.216065	0.423948	DOWN	730.1806	730.1804
3220	M432T11_	3.74159	1.903652	1.419002	0.21608	0.423951	UP	432.3431	432.3418
3221	M736T41	1.829426	0.871391	1.371153	0.216298	0.423998	UP	736.2335	736.2323
3222	M328T42	2.522705	-1.33497	-1.46087	0.216309	0.424001	DOWN	328.3211	328.3204
3223	M613T12	2.022256	1.015965	1.392731	0.216396	0.424019	UP	613.388	613.3873
3224	M701T6	11.7719	-3.55728	-1.45856	0.216432	0.424027	DOWN	701.4938	701.4932
3225	M625T43	1.211979	0.277365	1.351064	0.216559	0.424054	UP	624.9574	624.9564
3226	M724T32	2.616512	1.387645	1.348984	0.216624	0.424068	UP	724.2062	724.2048
3227	M204T31	2.536257	1.342701	1.364813	0.216741	0.424093	UP	204.2363	204.2361
3228	M681T43_	1.178586	0.237057	1.344509	0.216751	0.424095	UP	680.9792	680.9779
3229	M631T32_	10.24306	3.356576	1.461221	0.216798	0.424106	UP	631.4827	631.4824
3230	M676T32	8.523121	3.091382	1.459721	0.216823	0.424111	UP	675.5088	675.5087
3231	M414T10_	5.374442	2.426115	1.457205	0.216868	0.424121	UP	414.2645	414.2631
3232	M249T9	2.320274	-1.2143	-1.3419	0.216885	0.424124	DOWN	249.1576	249.1571
3233	M526T36	5.774539	2.529706	1.456103	0.216898	0.424127	UP	526.2398	526.2394
3234	M372T37_	4.518616	-2.17588	-1.46253	0.216965	0.424141	DOWN	372.3472	372.3466
3235	M477T11_	17.799	4.153724	1.461711	0.216974	0.424143	UP	476.9606	476.9605
3236	M356T13	45.97276	5.522707	1.463724	0.217086	0.424167	UP	356.1703	356.17
3237	M223T32	1.572199	-0.65278	-1.43151	0.217132	0.424177	DOWN	223.0637	223.0633
3238	M152T31	2.545253	1.347809	1.365377	0.217221	0.424196	UP	152.0066	152.0066
3239	M494T14	2.557218	1.354575	1.428046	0.217242	0.4242	UP	494.3477	494.3467
3240	M294T10	31.12314	4.959916	1.46284	0.217252	0.424203	UP	294.1604	294.1604
3241	M219T13	4.062965	2.022533	1.444032	0.2173	0.424213	UP	219.1746	219.1741
3242	M392T41	1.841292	-0.88072	-1.35742	0.217302	0.424213	DOWN	392.3455	392.3448

3243	M615T21	21.95943	4.456769	1.462904	0.217312	0.424215	UP	615.2911	615.2903
3244	M244T21_	2.413211	1.270954	1.395435	0.217374	0.424229	UP	244.2638	244.2636
3245	M346T26	3.193725	1.67524	1.366747	0.217524	0.42426	UP	346.1138	346.1136
3246	M605T18	2.073232	1.051882	1.339707	0.217581	0.424273	UP	605.0083	605.008
3247	M408T37_	1.662904	-0.7337	-1.34619	0.217624	0.424282	DOWN	408.2824	408.2822
3248	M281T18_	33.62276	5.071366	1.461255	0.217669	0.424292	UP	281.1073	281.1062
3249	M282T31_	2.186737	1.12878	1.348313	0.217757	0.42431	UP	281.5287	281.5282
3250	M528T24	5.471642	2.451974	1.456825	0.217978	0.424357	UP	528.3225	528.3223
3251	M734T24_	38.79372	5.277751	1.460072	0.218018	0.424366	UP	734.2996	734.2987
3252	M578T18	2.642942	1.402145	1.392936	0.218115	0.424386	UP	578.3694	578.3683
3253	M228T16_	6.852351	-2.7766	-1.44545	0.218159	0.424395	DOWN	228.2323	228.2322
3254	M346T31_	2.558707	1.355415	1.446196	0.218175	0.424399	UP	345.9385	345.9379
3255	M696T41_	2.325773	-1.21771	-1.4096	0.218206	0.424406	DOWN	696.3536	696.3524
3256	M935T11_	3.129553	1.645957	1.362049	0.218232	0.424411	UP	935.4989	935.4985
3257	M745T29	2.401623	1.26401	1.341769	0.218328	0.424431	UP	745.194	745.1919
3258	M660T31	3.596917	1.846761	1.448644	0.21836	0.424438	UP	660.4329	660.4326
3259	M191T8	2.173108	-1.11976	-1.38994	0.218399	0.424446	DOWN	191.0402	191.0401
3260	M335T39_	7.657557	2.936884	1.458132	0.218458	0.424459	UP	335.2263	335.2254
3261	M1021T44	45.27699	5.500706	1.458272	0.218479	0.424463	UP	1020.778	1020.774
3262	M463T34	2.417936	1.273776	1.369536	0.218537	0.424476	UP	463.3428	463.3417
3263	M608T21	11.26879	3.494261	1.457695	0.218575	0.424483	UP	608.3702	608.3698
3264	M360T15	22.86862	4.515297	1.457642	0.218649	0.424499	UP	360.1824	360.1821
3265	M498T37	1.817538	-0.86199	-1.35435	0.218733	0.424517	DOWN	498.4899	498.4893
3266	M1022T44	39.52202	5.304585	1.457075	0.218768	0.424524	UP	1021.782	1021.781
3267	M403T26	1.678576	0.747238	1.42149	0.218864	0.424545	UP	403.1351	403.1343
3268	M536T22_	29.47945	4.881638	1.456746	0.218901	0.424552	UP	536.3489	536.3483
3269	M554T34	1.981365	0.986494	1.348395	0.218956	0.424564	UP	554.4482	554.4473
3270	M668T41	2.047376	-1.03378	-1.37959	0.218973	0.424567	DOWN	668.3478	668.3466
3271	M515T24	2.436603	1.284871	1.343824	0.219038	0.424581	UP	515.1368	515.1365
3272	M337T27	3.021091	-1.59507	-1.45029	0.219041	0.424582	DOWN	337.1775	337.1771
3273	M468T12_	1.892182	0.920051	1.342979	0.219199	0.424615	UP	468.3434	468.3426
3274	M623T12	2.843627	1.507732	1.374123	0.21921	0.424617	UP	622.5274	622.5262
3275	M289T32_	2.52873	1.338413	1.337383	0.219214	0.424618	UP	289.1429	289.1425
3276	M413T33	21.73618	4.442026	1.454561	0.21934	0.424645	UP	413.1355	413.1352
3277	M471T11_	3.473883	-1.79655	-1.43093	0.219404	0.424658	DOWN	471.1361	471.1358
3278	M396T31	2.201961	1.138789	1.343284	0.219459	0.42467	UP	396.0741	396.0739
3279	M550T37	2.350417	-1.23292	-1.4075	0.21951	0.42468	DOWN	550.3867	550.3856
3280	M829T9	3.146856	1.653911	1.382473	0.219556	0.42469	UP	828.5196	828.5181
3281	M720T32	2.823721	1.497597	1.350119	0.219765	0.424734	UP	720.2109	720.2107
3282	M587T39	2.173704	1.120155	1.358341	0.219877	0.424757	UP	587.4242	587.4234
3283	M447T17	4.059738	2.021387	1.385321	0.219877	0.424757	UP	447.0151	447.015
3284	M382T19_	2.171855	1.118928	1.336341	0.219945	0.424771	UP	381.5871	381.5867
3285	M454T24_	9.783083	-3.29029	-1.44881	0.220137	0.424811	DOWN	454.2626	454.2623
3286	M601T33	3.122484	1.642694	1.394584	0.220274	0.42484	UP	601.3717	601.3714
3287	M347T32_	6.392393	-2.67636	-1.44949	0.220292	0.424844	DOWN	347.1483	347.148
3288	M538T34	2.124681	-1.08725	-1.41598	0.220386	0.424863	DOWN	538.3503	538.3498
3289	M195T32	9.783534	3.290356	1.441538	0.22041	0.424868	UP	194.5696	194.5695

3290	M326T31_	2.484315	1.312848	1.371858	0.22041	0.424868	UP	326.0974	326.0971
3291	M412T31_	1.690441	0.757399	1.332627	0.220414	0.424869	UP	412.3057	412.3049
3292	M465T20	15.40411	3.945243	1.450691	0.220421	0.42487	UP	465.2944	465.2941
3293	M280T39	2.534417	1.341654	1.379103	0.220436	0.424874	UP	280.2635	280.2635
3294	M372T24_	1.684179	0.752045	1.434198	0.22051	0.424889	UP	372.2748	372.2744
3295	M361T11_	3.263861	1.70658	1.426763	0.220587	0.424905	UP	361.2013	361.2007
3296	M642T44	1.556259	0.638082	1.43474	0.220756	0.42494	UP	642.4046	642.4038
3297	M313T30_	2.426073	1.278623	1.333901	0.220774	0.424944	UP	312.6413	312.6405
3298	M279T31_	2.654461	-1.40842	-1.38335	0.220934	0.424977	DOWN	279.1303	279.1282
3299	M401T17	6.731187	2.750861	1.427149	0.221092	0.42501	UP	401.0356	401.0353
3300	M223T16	1.599308	-0.67745	-1.40382	0.2211	0.425011	DOWN	223.0637	223.0634
3301	M403T33_	1.625306	0.700712	1.424454	0.221108	0.425013	UP	403.1569	403.1567
3302	M395T32_	444.166	8.794955	1.448099	0.221158	0.425023	UP	394.8864	394.8861
3303	M827T10_	5.153107	2.365443	1.420939	0.221178	0.425028	UP	826.5029	826.502
3304	M394T34_	1.985389	0.989422	1.337594	0.221224	0.425037	UP	394.368	394.3676
3305	M750T41_	6.618362	-2.72647	-1.44084	0.221258	0.425044	DOWN	750.223	750.223
3306	M509T38	3.557618	1.830911	1.370702	0.221268	0.425046	UP	509.1237	509.1234
3307	M440T39	1.944034	0.959054	1.386195	0.221334	0.42506	UP	440.4098	440.409
3308	M885T30	1.226577	0.294637	1.351011	0.221335	0.42506	UP	884.5954	884.5939
3309	M442T34_	2.592668	1.374438	1.373891	0.22141	0.425075	UP	441.8314	441.8307
3310	M301T16	3.1507	1.655672	1.419517	0.22153	0.4251	UP	301.0758	301.0758
3311	M731T11	2.190025	1.130948	1.327999	0.221596	0.425114	UP	731.1316	731.1308
3312	M503T30	2.603631	1.380525	1.329302	0.221615	0.425118	UP	503.1715	503.1709
3313	M425T14	254.3803	7.990843	1.445547	0.221827	0.425161	UP	425.2632	425.2629
3314	M332T24_	1.624998	0.700438	1.347973	0.221906	0.425178	UP	332.1493	332.1488
3315	M375T39	1.634212	-0.7086	-1.3535	0.222048	0.425207	DOWN	375.3106	375.3101
3316	M667T43	1.174576	0.23214	1.385467	0.222074	0.425212	UP	667.4791	667.4778
3317	M682T10_	1.768069	0.822175	1.324783	0.222085	0.425214	UP	681.5003	681.4973
3318	M508T24	2.612183	1.385256	1.329596	0.222194	0.425237	UP	508.0719	508.0713
3319	M516T25	8.749753	3.129242	1.443511	0.222286	0.425256	UP	516.3224	516.3223
3320	M746T31	2.623102	1.391274	1.326831	0.22234	0.425267	UP	746.2059	746.2057
3321	M291T15	2.41821	1.273939	1.355715	0.222401	0.425279	UP	291.2515	291.2513
3322	M304T29_	2.769291	-1.46952	-1.41303	0.222666	0.425333	DOWN	303.6302	303.6299
3323	M505T16	50.97099	5.671604	1.441759	0.222784	0.425357	UP	505.235	505.2349
3324	M436T37	1.773082	0.826259	1.426392	0.222813	0.425363	UP	436.1707	436.1707
3325	M575T22	2.444654	1.28963	1.331879	0.222896	0.42538	UP	574.8532	574.8528
3326	M342T13_	2.128136	1.089591	1.325207	0.222905	0.425382	UP	341.7672	341.7665
3327	M464T20_	16.79508	4.069967	1.440408	0.223113	0.425425	UP	464.2911	464.2908
3328	M495T11	3.302938	1.72375	1.351617	0.223372	0.425477	UP	495.1474	495.144
3329	M786T41	4.191521	-2.06747	-1.41974	0.223393	0.425482	DOWN	786.2512	786.2507
3330	M1039T9	2.576017	1.365142	1.378127	0.223422	0.425487	UP	1038.746	1038.741
3331	M567T30_	4.857907	-2.28033	-1.42286	0.223489	0.425501	DOWN	567.4152	567.4151
3332	M430T10_	3.07708	1.621562	1.361412	0.223551	0.425514	UP	430.2222	430.2214
3333	M219T2_2	1711.386	10.74095	1.438719	0.223626	0.425529	UP	219.0312	219.0311
3334	M262T26_	2.343619	1.228738	1.319208	0.223673	0.425538	UP	261.6177	261.6174
3335	M478T12_	77.7288	6.280377	1.438176	0.223758	0.425556	UP	478.234	478.2337
3336	M497T32	5.937913	2.569956	1.43196	0.223832	0.425571	UP	497.4188	497.418

3337	M418T19	4.809074	2.265759	1.401243	0.223833	0.425571	UP	418.025	418.0246
3338	M350T37	2.294944	1.198459	1.364196	0.223987	0.425602	UP	350.2689	350.2688
3339	M473T32_	4.616416	2.206773	1.387569	0.224056	0.425616	UP	473.059	473.0588
3340	M469T23	2.303171	1.203621	1.326331	0.224064	0.425617	UP	469.131	469.1307
3341	M767T10	2.666135	1.41475	1.321389	0.224087	0.425622	UP	766.6185	766.6178
3342	M483T32_	2.451101	1.29343	1.358031	0.224207	0.425646	UP	483.0879	483.0873
3343	M297T32_	1.581631	-0.66141	-1.4071	0.22426	0.425657	DOWN	297.0826	297.0821
3344	M647T43	1.222956	0.290373	1.321583	0.224297	0.425665	UP	646.9707	646.9693
3345	M507T31	2.575601	1.364909	1.328169	0.224328	0.425671	UP	507.4908	507.4905
3346	M542T32_	4.321803	2.111633	1.415773	0.224349	0.425675	UP	542.4264	542.4261
3347	M441T22_	2.491917	1.317256	1.319952	0.224397	0.425685	UP	441.0413	441.04
3348	M366T10_	3.267092	1.708007	1.364871	0.224425	0.42569	UP	366.2223	366.221
3349	M756T29	2.333781	-1.22267	-1.38223	0.224458	0.425697	DOWN	756.1793	756.1785
3350	M408T41_	1.891644	0.91964	1.354639	0.224541	0.425714	UP	408.3685	408.3676
3351	M441T34	2.485228	1.313378	1.355728	0.224707	0.425747	UP	441.3296	441.3288
3352	M704T27	4.749482	-2.24777	-1.4224	0.224773	0.42576	DOWN	704.1652	704.1646
3353	M600T27	5.007961	2.324223	1.431305	0.224801	0.425766	UP	600.2975	600.2974
3354	M377T15	84.88028	6.407358	1.434122	0.224825	0.425771	UP	377.0892	377.0889
3355	M579T30	6.05561	-2.59827	-1.42722	0.224931	0.425792	DOWN	579.293	579.2922
3356	M586T32_	5.538656	2.469536	1.42124	0.224947	0.425795	UP	586.4527	586.4515
3357	M384T13	99.27394	6.633343	1.433716	0.224949	0.425796	UP	384.1822	384.182
3358	M452T10	2.179782	1.124184	1.376749	0.225028	0.425811	UP	452.3602	452.359
3359	M779T29	3.473133	-1.79624	-1.3807	0.22503	0.425812	DOWN	779.183	779.1808
3360	M591T32_	3.257746	1.703874	1.3316	0.225116	0.425829	UP	590.9911	590.991
3361	M737T9_3	6.031035	2.592406	1.41879	0.225118	0.42583	UP	737.4294	737.4284
3362	M552T31_	12.08325	3.594937	1.432622	0.225134	0.425833	UP	552.072	552.0716
3363	M411T34_	2.420084	1.275057	1.347917	0.225173	0.42584	UP	411.3051	411.3001
3364	M636T24	6.93761	2.794439	1.430289	0.225237	0.425853	UP	636.3109	636.3097
3365	M334T39_	1.55878	0.640417	1.407913	0.225241	0.425854	UP	334.2461	334.246
3366	M273T32_	18.81419	-4.23375	-1.4298	0.225291	0.425864	DOWN	273.1812	273.1747
3367	M353T14	2.431316	1.281737	1.334528	0.2253	0.425866	UP	353.2884	353.288
3368	M420T34	2.738213	1.453235	1.366396	0.225312	0.425868	UP	419.8183	419.8174
3369	M342T21	45.24898	-5.49981	-1.43202	0.225386	0.425883	DOWN	342.1915	342.1912
3370	M489T26	2.513363	1.329619	1.33213	0.225435	0.425893	UP	488.9439	488.9435
3371	M389T34_	2.567914	1.360597	1.35328	0.225628	0.425931	UP	388.7902	388.7894
3372	M420T12_	250.481	7.968557	1.430543	0.225797	0.425965	UP	420.2284	420.2281
3373	M759T10_	51.3602	5.682579	1.430452	0.225797	0.425965	UP	758.6617	758.6608
3374	M375T29	2.420597	1.275363	1.343369	0.225832	0.425972	UP	374.6053	374.6046
3375	M503T18	1.803583	0.850866	1.355461	0.225843	0.425974	UP	502.9266	502.9261
3376	M879T9	5.025336	2.32922	1.411145	0.225942	0.425994	UP	879.4907	879.4888
3377	M473T14_	29.5807	4.886584	1.429253	0.225947	0.425995	UP	473.1103	473.1099
3378	M480T2	1029.515	10.00775	1.429704	0.226022	0.42601	UP	479.8215	479.8213
3379	M634T29_	11.74251	3.553669	1.428975	0.226034	0.426012	UP	634.4534	634.4533
3380	M419T34	2.114464	1.080292	1.358408	0.226293	0.426064	UP	419.3167	419.316
3381	M293T32	2.759312	-1.46431	-1.38981	0.226416	0.426088	DOWN	292.6381	292.6377
3382	M763T31_	9.623571	3.266572	1.42519	0.226438	0.426093	UP	762.5586	762.5579
3383	M569T42_	1.14237	0.19203	1.310602	0.226523	0.42611	UP	568.7347	568.7335

3384	M592T22_	21.7571	4.443415	1.427689	0.226542	0.426113	UP	592.3751	592.3748
3385	M624T29	1.853254	0.890061	1.317497	0.226615	0.426128	UP	624.2683	624.2675
3386	M708T10_	3.88721	1.958735	1.366857	0.226617	0.426128	UP	707.9752	707.9731
3387	M398T22	2.534947	1.341955	1.31036	0.226796	0.426164	UP	398.0194	398.0189
3388	M588T32	5.527741	-2.46669	-1.41943	0.226971	0.426198	DOWN	588.264	588.2632
3389	M244T23_	1.943769	0.958857	1.326601	0.227101	0.426224	UP	244.2636	244.2631
3390	M848T41	5.638076	2.495203	1.416439	0.227164	0.426236	UP	848.418	848.4178
3391	M336T28_	1.82696	0.869445	1.307983	0.227278	0.426259	UP	336.2605	336.2598
3392	M213T15	30.11795	4.912552	1.424692	0.227346	0.426272	UP	213.1024	213.1023
3393	M267T13	4.834456	2.273354	1.401877	0.227468	0.426296	UP	267.0959	267.0875
3394	M337T18_	91.96521	6.523016	1.424034	0.227539	0.42631	UP	337.1454	337.145
3395	M750T27	5.283298	-2.40144	-1.41149	0.22754	0.42631	DOWN	750.1686	750.1676
3396	M531T26	2.442125	1.288137	1.327126	0.227672	0.426336	UP	530.958	530.9577
3397	M454T21_	5.994466	-2.58363	-1.4121	0.227702	0.426342	DOWN	454.1615	454.1611
3398	M705T33	2.454958	1.295698	1.340409	0.227864	0.426374	UP	705.4884	705.4882
3399	M593T30	4.487413	-2.16588	-1.40566	0.227898	0.426381	DOWN	593.3408	593.3402
3400	M495T43_	1.181649	0.240802	1.305739	0.228098	0.42642	UP	495.0231	495.0222
3401	M382T37	1.78218	0.833643	1.314752	0.228115	0.426423	UP	382.3679	382.3673
3402	M340T32_	2.511243	1.328401	1.316939	0.228137	0.426427	UP	339.6038	339.6036
3403	M529T10	2.043569	1.031091	1.318251	0.228217	0.426443	UP	529.3599	529.3588
3404	M558T26_	2.551539	1.351368	1.307229	0.228232	0.426446	UP	558.0878	558.0873
3405	M308T9	1.945487	-0.96013	-1.33563	0.228392	0.426477	DOWN	308.2698	308.2692
3406	M320T25_	5.741388	-2.5214	-1.4084	0.228456	0.42649	DOWN	320.2434	320.2428
3407	M383T20	2.586234	1.370853	1.31301	0.22846	0.42649	UP	383.0557	383.0555
3408	M749T12	1.82016	0.864065	1.304723	0.22851	0.4265	UP	748.5791	748.5778
3409	M267T14	2.780429	1.475308	1.320715	0.228591	0.426516	UP	267.0793	267.0787
3410	M413T19_	13.93427	-3.80057	-1.41861	0.228665	0.42653	DOWN	413.1923	413.1915
3411	M460T22_	2.481327	1.311112	1.316351	0.228863	0.426569	UP	460.0728	460.0721
3412	M508T11	2.429297	1.280539	1.309879	0.229033	0.426602	UP	508.1647	508.1634
3413	M522T12_	1.937627	0.954291	1.312576	0.229082	0.426611	UP	522.4099	522.4088
3414	M289T27	2.694745	-1.43015	-1.39107	0.229084	0.426612	DOWN	289.1541	289.1537
3415	M665T10	3.043368	1.605669	1.343833	0.229258	0.426646	UP	665.4208	665.4199
3416	M373T21_	5.43671	-2.44273	-1.41302	0.229275	0.426649	DOWN	373.1398	373.1392
3417	M245T22_	2.362525	1.240329	1.363483	0.229355	0.426665	UP	245.2673	245.2669
3418	M470T15	1.732834	0.793134	1.303618	0.22944	0.426681	UP	470.359	470.358
3419	M506T17	2.022749	1.016318	1.312656	0.229553	0.426703	UP	506.4319	506.4316
3420	M279T31_	2.937828	-1.55475	-1.35337	0.229559	0.426704	DOWN	279.0855	279.0825
3421	M306T28_	4.522095	2.176991	1.398422	0.22964	0.42672	UP	305.5695	305.5692
3422	M381T33	4.670542	-2.22359	-1.4066	0.229652	0.426722	DOWN	381.1252	381.1246
3423	M551T34	2.191213	1.131729	1.323096	0.229692	0.42673	UP	551.3952	551.3944
3424	M510T38	1.849494	0.88713	1.301238	0.229811	0.426753	UP	510.4	510.3987
3425	M1188T44	1.644	0.71721	1.303889	0.229811	0.426753	UP	1187.856	1187.854
3426	M543T12_	126.377	6.981591	1.415449	0.229859	0.426762	UP	543.2143	543.2138
3427	M377T28	2.386586	1.254948	1.305694	0.229937	0.426777	UP	377.105	377.1045
3428	M442T32	2.440869	1.287395	1.350223	0.230158	0.42682	UP	442.0614	442.0613
3429	M259T21	71.58531	6.161592	1.414217	0.230196	0.426827	UP	259.1096	259.1094
3430	M672T10_	2.696987	1.431349	1.398936	0.230212	0.42683	UP	671.8667	671.8646

3431	M536T24	3.013604	1.59149	1.413134	0.230264	0.42684	UP	536.2471	536.2467
3432	M349T28_	2.294398	1.198116	1.320568	0.230401	0.426866	UP	349.1522	349.1515
3433	M341T32_	2.63189	1.396099	1.300302	0.230453	0.426876	UP	340.6016	340.6014
3434	M291T22	2.689142	1.427146	1.32967	0.23065	0.426914	UP	291.0719	291.0717
3435	M357T19_	1.519024	-0.60314	-1.31764	0.230653	0.426915	DOWN	357.1844	357.1838
3436	M778T29	3.014601	-1.59197	-1.38197	0.230663	0.426917	DOWN	778.1813	778.1806
3437	M496T32	4.744332	2.246205	1.401664	0.230666	0.426917	UP	496.4148	496.4146
3438	M568T31_	3.815725	-1.93196	-1.39774	0.230672	0.426918	DOWN	568.3378	568.3372
3439	M331T9_5	14.34001	3.841974	1.41092	0.230711	0.426926	UP	331.1486	331.1481
3440	M363T29	2.445499	1.290129	1.306593	0.230784	0.42694	UP	362.5958	362.5957
3441	M696T30	2.500359	1.322136	1.29638	0.231229	0.427025	UP	696.1902	696.1893
3442	M320T22_	1.668023	-0.73814	-1.36174	0.231351	0.427048	DOWN	320.1904	320.1898
3443	M753T30	1.175081	0.232761	1.297387	0.231351	0.427048	UP	752.5163	752.515
3444	M351T29_	2.413946	1.271393	1.307336	0.231451	0.427067	UP	350.5958	350.5954
3445	M729T9_1	5.661222	2.501113	1.376202	0.231629	0.427101	UP	728.6134	728.6128
3446	M579T18	2.821123	1.496269	1.348817	0.231652	0.427106	UP	579.3727	579.3723
3447	M532T26	2.475261	1.307581	1.313153	0.231854	0.427144	UP	531.9657	531.9656
3448	M508T34_	2.291078	1.196027	1.316327	0.231857	0.427145	UP	507.8706	507.8692
3449	M209T7	4.269873	-2.09419	-1.3811	0.232133	0.427197	DOWN	208.8911	208.8907
3450	M292T18	3.297649	1.721438	1.369684	0.232134	0.427197	UP	292.2638	292.2634
3451	M349T32_	5.953982	-2.57385	-1.4014	0.23217	0.427204	DOWN	349.1472	349.1466
3452	M689T43	1.20274	0.266324	1.31883	0.232274	0.427224	UP	689.4924	689.4913
3453	M792T21	2.916679	1.544327	1.351559	0.232334	0.427235	UP	791.5274	791.5272
3454	M346T33	1.865573	-0.89962	-1.36067	0.232402	0.427248	DOWN	346.2379	346.2375
3455	M907T41	38.54005	5.268286	1.405839	0.232436	0.427254	UP	906.701	906.7007
3456	M993T31	5.003729	-2.323	-1.37734	0.232476	0.427262	DOWN	992.6767	992.6748
3457	M879T10_	3.988196	1.995736	1.369003	0.232569	0.42728	UP	878.5451	878.5442
3458	M951T11	5.498678	2.459085	1.372353	0.232642	0.427293	UP	951.4603	951.4592
3459	M444T20	11.38064	3.508509	1.405167	0.232662	0.427297	UP	444.265	444.2647
3460	M518T11	2.760188	1.464767	1.302664	0.232712	0.427307	UP	518.1855	518.1829
3461	M391T22_	6.860319	-2.77828	-1.40041	0.232739	0.427312	DOWN	391.0025	391.0023
3462	M456T26	2.587654	1.371645	1.299333	0.232797	0.427323	UP	456.0603	456.0601
3463	M719T31	6.279331	2.650611	1.398301	0.232854	0.427333	UP	718.5323	718.5318
3464	M378T22_	2.37771	1.249573	1.30124	0.232932	0.427348	UP	378.2644	378.264
3465	M324T16	5.167044	2.369339	1.376872	0.233083	0.427377	UP	324.0897	324.0896
3466	M424T14_	362.5088	8.501872	1.403283	0.233193	0.427397	UP	424.2597	424.2595
3467	M910T34	3.008259	1.588929	1.353703	0.233241	0.427406	UP	909.6566	909.6551
3468	M316T20	2.36244	-1.24028	-1.37751	0.233267	0.427411	DOWN	316.1757	316.1757
3469	M513T26	6.117359	2.612909	1.401936	0.233308	0.427419	UP	513.2943	513.294
3470	M196T11	9.222263	3.205121	1.399857	0.233397	0.427436	UP	196.0952	196.095
3471	M552T10	2.355525	1.236049	1.3367	0.233499	0.427455	UP	552.45	552.448
3472	M596T33_	2.161509	1.112039	1.309906	0.2335	0.427455	UP	595.9234	595.9225
3473	M213T10_	2.168261	1.116539	1.339382	0.233531	0.427461	UP	213.1781	213.1777
3474	M397T31	1.730292	-0.79102	-1.31332	0.233619	0.427477	DOWN	397.201	397.2008
3475	M481T32_	2.778015	-1.47405	-1.37199	0.233735	0.427499	DOWN	481.348	481.3472
3476	M372T22	2.284844	1.192095	1.289194	0.233794	0.42751	UP	372.02	372.0194
3477	M530T34_	1.941334	0.957048	1.307916	0.233849	0.42752	UP	530.3853	530.3845

3478	M227T9_1	3.418466	1.773349	1.386068	0.233886	0.427527	UP	227.1757	227.1749
3479	M654T44	2.538923	-1.34422	-1.38074	0.234107	0.427569	DOWN	654.3319	654.3314
3480	M337T32	2.18243	1.125936	1.338269	0.234154	0.427577	UP	337.1576	337.1569
3481	M710T9_2	11.42248	3.513804	1.393692	0.234467	0.427636	UP	709.6696	709.6688
3482	M822T34	2.943993	1.557774	1.349203	0.23447	0.427636	UP	821.6038	821.6023
3483	M229T18	1.584924	-0.66441	-1.29696	0.234565	0.427654	DOWN	229.075	229.0744
3484	M529T24_	24.45075	4.611807	1.397272	0.234566	0.427654	UP	529.1298	529.1298
3485	M505T19	66.27022	6.050289	1.397867	0.234685	0.427676	UP	505.2349	505.2348
3486	M735T29	5.922776	2.566274	1.376787	0.234728	0.427684	UP	735.1649	735.1647
3487	M385T33_	9.568545	-3.2583	-1.39055	0.234794	0.427697	DOWN	385.1206	385.1205
3488	M550T22	2.556096	1.353942	1.30761	0.234869	0.42771	UP	550.1312	550.1308
3489	M176T16	2.769693	1.469726	1.299485	0.234939	0.427724	UP	175.5347	175.5346
3490	M616T10_	8.010598	3.00191	1.380344	0.235054	0.427745	UP	615.5736	615.5729
3491	M391T41	1.714958	0.778174	1.289045	0.235104	0.427754	UP	391.342	391.341
3492	M397T11	2.004234	1.003051	1.283998	0.235241	0.42778	UP	397.3622	397.362
3493	M279T31_	23.22509	-4.53761	-1.3941	0.235289	0.427788	DOWN	279.2015	279.199
3494	M525T32_	2.892613	-1.53237	-1.37567	0.235317	0.427793	DOWN	525.1215	525.1214
3495	M481T26	6.166314	2.624408	1.368158	0.235337	0.427797	UP	480.9099	480.9096
3496	M371T10_	1.863093	0.8977	1.29624	0.235432	0.427815	UP	371.3066	371.3055
3497	M338T32_	2.592515	1.374352	1.29008	0.235453	0.427819	UP	337.6059	337.6056
3498	M499T32_	3.141516	1.651461	1.351666	0.235532	0.427833	UP	499.4036	499.4032
3499	M534T9	2.975017	1.572898	1.353235	0.235572	0.427841	UP	534.349	534.3471
3500	M234T14	2.172899	-1.11962	-1.34531	0.235676	0.42786	DOWN	234.0465	234.0463
3501	M327T15	1.851752	0.888891	1.284762	0.235755	0.427875	UP	327.2363	327.2358
3502	M453T9_5	2.007839	-1.00564	-1.31765	0.235811	0.427885	DOWN	453.1228	453.1186
3503	M821T34	2.771417	1.470624	1.337735	0.23585	0.427892	UP	820.6004	820.599
3504	M485T34_	2.379547	1.250687	1.309861	0.235989	0.427918	UP	485.3557	485.3521
3505	M332T9_4	9.647747	3.270192	1.383935	0.235995	0.427919	UP	331.8516	331.8512
3506	M772T22	14.48578	-3.85656	-1.39167	0.236096	0.427937	DOWN	772.3569	772.3562
3507	M409T23	2.910037	1.541037	1.361009	0.236241	0.427964	UP	409.1753	409.1746
3508	M270T13_	2.045997	1.032804	1.283306	0.236319	0.427978	UP	270.0256	270.0251
3509	M460T22_	1.952386	0.965238	1.283613	0.236366	0.427987	UP	460.3425	460.342
3510	M506T9	1.781324	0.83295	1.330206	0.236387	0.427991	UP	506.2544	506.2529
3511	M410T31	12.60008	3.655361	1.387622	0.236451	0.428002	UP	410.0819	410.0818
3512	M364T15	5.131217	2.359301	1.388092	0.236477	0.428007	UP	364.2022	364.2021
3513	M229T26	3.871626	-1.95294	-1.37469	0.236601	0.42803	DOWN	229.1951	229.1949
3514	M703T10_	3.332738	1.736708	1.336756	0.236834	0.428073	UP	702.9405	702.9399
3515	M455T13_	24.27559	4.601435	1.389683	0.236927	0.42809	UP	455.2294	455.229
3516	M317T30_	3.184912	-1.67125	-1.37046	0.236966	0.428097	DOWN	317.1149	317.1146
3517	M754T29	2.35945	-1.23845	-1.31752	0.23703	0.428109	DOWN	754.1815	754.1804
3518	M564T22_	7.646984	2.934891	1.38805	0.237054	0.428113	UP	564.2509	564.2507
3519	M357T14	20.03914	4.324749	1.388432	0.237282	0.428154	UP	357.1544	357.1541
3520	M533T22	8.935488	3.159547	1.387524	0.237387	0.428174	UP	533.3207	533.3204
3521	M312T31	2.361526	1.23972	1.305234	0.237431	0.428182	UP	312.0295	312.0294
3522	M278T28_	3.436701	-1.78102	-1.36428	0.237437	0.428183	DOWN	278.269	278.2688
3523	M312T11	1.769103	0.823018	1.276327	0.237643	0.42822	UP	312.2172	312.2167
3524	M445T20	2.656566	1.409562	1.3039	0.237644	0.428221	UP	445.3176	445.317

3525	M403T10_	2.128082	1.089554	1.27769	0.237677	0.428226	UP	403.2707	403.2689
3526	M441T37	2.365474	1.242129	1.358458	0.237722	0.428235	UP	441.1613	441.1612
3527	M219T31	3.383002	1.758304	1.365595	0.237729	0.428236	UP	219.1744	219.1742
3528	M622T32_	2.45419	1.295247	1.293365	0.237774	0.428244	UP	622.281	622.2798
3529	M470T9_1	2.39312	-1.25889	-1.34423	0.237841	0.428256	DOWN	470.3416	470.3413
3530	M552T34_	2.203218	1.139613	1.298722	0.237945	0.428275	UP	551.8969	551.8962
3531	M366T38	1.927108	0.946437	1.293429	0.238166	0.428315	UP	366.1922	366.192
3532	M349T10_	5.282613	2.401252	1.369892	0.238339	0.428346	UP	349.1677	349.1675
3533	M866T34	2.912611	1.542313	1.33437	0.238361	0.42835	UP	865.6303	865.6287
3534	M954T34	2.965603	1.568325	1.329166	0.23842	0.428361	UP	953.6831	953.6812
3535	M346T31_	2.249496	1.169602	1.371326	0.238438	0.428364	UP	345.6041	345.6034
3536	M344T16	2.05356	1.038127	1.335273	0.238547	0.428384	UP	344.1919	344.1915
3537	M552T26	2.083631	-1.0591	-1.32593	0.238608	0.428395	DOWN	552.2604	552.2592
3538	M271T23	2.428741	1.280209	1.318684	0.238702	0.428412	UP	271.2826	271.2823
3539	M1132T10	2.24859	1.16902	1.272863	0.238947	0.428456	UP	1131.851	1131.847
3540	M566T29	3.259946	-1.70485	-1.35634	0.238996	0.428465	DOWN	566.3221	566.3211
3541	M746T10	3.448025	1.78577	1.320322	0.239118	0.428487	UP	746.4657	746.4649
3542	M285T28	3.475405	-1.79718	-1.37635	0.239121	0.428488	DOWN	285.1824	285.1824
3543	M631T38	1.928751	0.947667	1.30224	0.239235	0.428508	UP	631.4506	631.4492
3544	M469T39_	2.438871	1.286213	1.313049	0.239261	0.428513	UP	468.8453	468.845
3545	M216T10_	9.579277	3.259917	1.37177	0.239332	0.428525	UP	215.5108	215.5107
3546	M649T34_	2.928656	1.550239	1.356859	0.239414	0.42854	UP	649.4497	649.4489
3547	M436T31	2.384915	1.253938	1.350285	0.239419	0.428541	UP	435.5257	435.5255
3548	M521T32	2.344083	1.229024	1.306648	0.239465	0.428549	UP	520.9707	520.9704
3549	M630T32_	5.686305	2.507491	1.371187	0.239599	0.428573	UP	630.4795	630.4787
3550	M777T34	2.701654	1.433843	1.323278	0.239627	0.428578	UP	776.5741	776.5726
3551	M486T34_	2.369364	1.2445	1.302619	0.239665	0.428585	UP	485.8573	485.8566
3552	M200T22_	2.436542	1.284835	1.346436	0.2397	0.428591	UP	200.2374	200.2373
3553	M305T2	2.813743	1.49249	1.369802	0.240053	0.428654	UP	304.8913	304.8909
3554	M369T31	8.72926	3.125859	1.371004	0.240178	0.428677	UP	369.0553	369.0552
3555	M534T22	1.366773	0.450774	1.274754	0.240251	0.42869	UP	534.2552	534.2547
3556	M442T34_	2.238758	1.162698	1.306794	0.240417	0.428719	UP	442.3328	442.3321
3557	M492T26_	2.499621	1.32171	1.277435	0.240453	0.428726	UP	491.9421	491.9411
3558	M435T41	1.933163	0.950963	1.288958	0.240515	0.428737	UP	435.368	435.367
3559	M331T9_1	14.03245	3.810695	1.372969	0.240519	0.428738	UP	330.5082	330.5078
3560	M600T10	2.86621	1.519144	1.354108	0.240524	0.428738	UP	600.4213	600.4202
3561	M732T11	2.021528	1.015446	1.268718	0.240704	0.428771	UP	732.1483	732.1464
3562	M484T9_1	2.539019	-1.34427	-1.32528	0.240769	0.428782	DOWN	483.6461	483.6459
3563	M614T36	1.804982	0.851985	1.267193	0.240861	0.428798	UP	614.4842	614.4835
3564	M375T10	3.323126	1.732541	1.315624	0.241013	0.428825	UP	374.6648	374.6643
3565	M865T34	2.794967	1.482831	1.320266	0.241156	0.428851	UP	864.6268	864.6251
3566	M170T9	3.908085	1.966462	1.34981	0.241174	0.428854	UP	170.0048	170.0041
3567	M357T38	2.852667	1.512312	1.367731	0.241368	0.428888	UP	357.2402	357.2401
3568	M643T43	1.437046	0.523106	1.308576	0.24139	0.428892	UP	642.5153	642.5151
3569	M392T18_	2.523786	-1.33559	-1.36489	0.241536	0.428918	DOWN	392.1773	392.1769
3570	M543T39	2.698664	1.432245	1.322347	0.241578	0.428925	UP	543.3976	543.3967
3571	M714T43	1.187488	0.247913	1.309376	0.241767	0.428959	UP	713.5124	713.511

3572	M336T18	9.309769	3.218745	1.371403	0.24197	0.428994	UP	336.2076	336.2072
3573	M292T29_	2.624517	-1.39205	-1.364	0.241976	0.428995	DOWN	291.6301	291.6297
3574	M591T29	3.958129	-1.98482	-1.35187	0.242069	0.429012	DOWN	591.3255	591.3245
3575	M549T44_	1.191553	0.252843	1.30051	0.242233	0.429041	UP	548.8998	548.899
3576	M283T39	1.878017	-0.90921	-1.32214	0.242241	0.429042	DOWN	283.2826	283.2824
3577	M481T32_	3.328028	1.734667	1.329558	0.242271	0.429047	UP	481.3736	481.3732
3578	M702T28	2.692523	1.428958	1.295726	0.242483	0.429085	UP	702.1436	702.1426
3579	M332T13	11.92913	3.576417	1.369874	0.242528	0.429092	UP	332.159	332.1588
3580	M768T10	3.470335	1.795075	1.311517	0.242568	0.429099	UP	768.4793	768.4783
3581	M455T30	2.259869	1.176239	1.297362	0.242613	0.429107	UP	455.3713	455.3707
3582	M249T31	2.256145	1.17386	1.310547	0.242664	0.429116	UP	248.9483	248.9481
3583	M584T23_	3.635729	-1.86224	-1.36409	0.242819	0.429143	DOWN	583.9433	583.9428
3584	M636T32	1.659217	-0.7305	-1.26608	0.242829	0.429145	DOWN	636.399	636.3988
3585	M911T34	3.151982	1.656259	1.317968	0.242946	0.429166	UP	910.6596	910.6581
3586	M567T29	3.233373	-1.69304	-1.34495	0.242982	0.429172	DOWN	567.3254	567.3246
3587	M909T34	2.902579	1.537335	1.318528	0.243092	0.429191	UP	908.6531	908.6512
3588	M469T11_	5.215758	2.382877	1.33746	0.243209	0.429211	UP	468.6932	468.6926
3589	M408T13	11.07526	3.469268	1.366309	0.243241	0.429217	UP	408.2283	408.2282
3590	M507T34	2.213382	1.146252	1.281874	0.243352	0.429236	UP	507.3689	507.368
3591	M252T16	2.301487	1.202566	1.299602	0.243473	0.429258	UP	252.2325	252.2322
3592	M597T31_	2.508577	1.326869	1.271667	0.243492	0.429261	UP	596.9443	596.9441
3593	M827T10_	3.884832	1.957852	1.305184	0.243514	0.429265	UP	826.5904	826.5903
3594	M244T22	2.132529	1.092565	1.2982	0.243683	0.429294	UP	244.2638	244.263
3595	M337T28_	1.882227	0.912441	1.261086	0.243712	0.429299	UP	336.5949	336.5943
3596	M376T17_	10.54185	-3.39806	-1.36561	0.243731	0.429302	DOWN	376.2123	376.2119
3597	M530T30_	2.817893	-1.49462	-1.31971	0.243843	0.429322	DOWN	530.322	530.3211
3598	M420T21	62.91318	-5.97529	-1.3643	0.244182	0.429381	DOWN	420.1108	420.1106
3599	M396T37	1.676971	-0.74586	-1.29398	0.244297	0.4294	DOWN	396.1678	396.1674
3600	M497T10	3.468175	1.794177	1.295812	0.244306	0.429402	UP	497.3844	497.3836
3601	M302T28	1.389314	-0.47437	-1.31893	0.244348	0.429409	DOWN	302.2327	302.2324
3602	M418T28	2.409603	1.268795	1.269496	0.24438	0.429415	UP	418.1312	418.1311
3603	M672T10_	3.807729	1.928931	1.326163	0.244393	0.429417	UP	672.4111	672.4078
3604	M498T9_2	1.850864	-0.8882	-1.25935	0.2444	0.429418	DOWN	498.4014	498.4002
3605	M399T23	3.597229	-1.84689	-1.33327	0.244465	0.429429	DOWN	399.0918	399.0913
3606	M321T25_	5.278247	-2.40006	-1.35737	0.244528	0.42944	DOWN	321.2466	321.2459
3607	M455T39	3.030538	1.599574	1.331683	0.244538	0.429442	UP	455.3449	455.3443
3608	M378T31_	1.755637	-0.81199	-1.28465	0.244877	0.429501	DOWN	378.2635	378.2633
3609	M997T34	3.043478	1.605721	1.310847	0.245013	0.429524	UP	996.7058	996.7043
3610	M623T32	2.353588	1.234862	1.264505	0.245098	0.429539	UP	623.2846	623.2841
3611	M728T29_	2.678843	-1.42161	-1.32235	0.24512	0.429542	DOWN	728.1839	728.1827
3612	M781T30	3.444901	-1.78446	-1.31062	0.245197	0.429556	DOWN	781.1991	781.1989
3613	M414T19_	7.929902	-2.9873	-1.35946	0.245284	0.429571	DOWN	414.186	414.1857
3614	M562T29	2.676759	1.420487	1.302519	0.245417	0.429593	UP	561.9059	561.905
3615	M362T37	1.261312	0.334925	1.275929	0.24543	0.429596	UP	362.3692	362.3683
3616	M216T10_	11.26665	3.493987	1.353638	0.245509	0.429609	UP	215.6898	215.6897
3617	M606T32	3.778177	-1.91769	-1.33698	0.245522	0.429611	DOWN	606.308	606.3071
3618	M592T30	3.555702	-1.83013	-1.34156	0.245695	0.429641	DOWN	592.3376	592.3371

3619	M511T33_	1.743622	-0.80209	-1.30388	0.245699	0.429642	DOWN	511.3584	511.3578
3620	M464T34_	2.350216	1.232793	1.280964	0.245795	0.429658	UP	463.8444	463.8436
3621	M778T34	2.744479	1.456532	1.306019	0.245896	0.429676	UP	777.5775	777.576
3622	M387T10_	1.804707	0.851764	1.254079	0.245923	0.42968	UP	387.2492	387.248
3623	M207T23	1.995951	0.997076	1.28437	0.245991	0.429692	UP	207.0046	207.0045
3624	M473T13	2.516875	1.331633	1.257834	0.24603	0.429698	UP	472.869	472.8689
3625	M556T31	15.932	3.993855	1.354652	0.246032	0.429699	UP	556.0123	556.0119
3626	M401T10_	2.233015	1.158993	1.259776	0.24604	0.4297	UP	401.1504	401.1446
3627	M445T26_	5.189157	2.3755	1.323299	0.246078	0.429707	UP	445.028	445.0279
3628	M289T26_	2.738986	1.453642	1.252156	0.246137	0.429717	UP	288.6134	288.6132
3629	M290T32_	2.150694	1.104802	1.252065	0.24627	0.429739	UP	289.6414	289.641
3630	M234T24	4.20013	-2.07043	-1.34884	0.246312	0.429747	DOWN	234.1619	234.1616
3631	M343T22_	2.203101	1.139536	1.324979	0.246349	0.429753	UP	343.1532	343.1529
3632	M561T22_	4.234881	-2.08232	-1.34335	0.246356	0.429754	DOWN	561.1612	561.1602
3633	M476T9_2	17.72201	4.14747	1.354061	0.246386	0.429759	UP	476.1308	476.1303
3634	M331T9_2	11.41798	3.513235	1.352396	0.246397	0.429761	UP	330.6681	330.6678
3635	M867T34	2.855466	1.513726	1.301497	0.246755	0.429822	UP	866.6332	866.6318
3636	M486T34_	2.060779	1.04319	1.271473	0.246763	0.429823	UP	486.3589	486.3582
3637	M279T29	1.335627	0.417517	1.299701	0.246825	0.429834	UP	279.2322	279.232
3638	M474T30	1.31122	0.39091	1.286333	0.246998	0.429863	UP	473.8287	473.8276
3639	M338T16_	6.559688	2.713627	1.352672	0.247011	0.429865	UP	338.1867	338.1865
3640	M616T19	1.755694	0.812042	1.266698	0.247042	0.429871	UP	616.4638	616.4624
3641	M529T24_	10.53442	3.397038	1.353717	0.247049	0.429872	UP	529.3261	529.3258
3642	M324T9_4	3.792827	1.923274	1.288029	0.247065	0.429874	UP	324.3154	324.3151
3643	M564T27	2.784898	-1.47762	-1.32554	0.247132	0.429886	DOWN	564.3067	564.306
3644	M318T17	1.431902	-0.51793	-1.29869	0.247199	0.429897	DOWN	318.2066	318.2063
3645	M340T18_	2.29575	1.198966	1.275136	0.247411	0.429933	UP	340.1156	340.1151
3646	M334T10_	8.231847	3.041216	1.343086	0.247591	0.429963	UP	333.6104	333.6097
3647	M173T9_5	3.413236	1.77114	1.305202	0.247619	0.429968	UP	173.3902	173.3836
3648	M357T27	2.060872	-1.04325	-1.30905	0.24769	0.42998	DOWN	357.1118	357.1115
3649	M434T29	2.832166	1.501906	1.315156	0.247745	0.429989	UP	434.363	434.3626
3650	M730T22	24.98153	-4.64279	-1.35139	0.247788	0.429997	DOWN	730.3353	730.334
3651	M309T35	1.743918	-0.80233	-1.28599	0.247835	0.430005	DOWN	309.3266	309.326
3652	M464T9_1	3.951606	1.982439	1.297123	0.247957	0.430025	UP	464.2049	464.2039
3653	M906T10	2.124734	1.087282	1.248014	0.248001	0.430033	UP	905.6822	905.6782
3654	M500T39	2.693999	1.429749	1.299842	0.248031	0.430038	UP	499.8731	499.8728
3655	M631T40	5.647968	2.497732	1.348379	0.248133	0.430055	UP	630.5062	630.5042
3656	M265T13	3.749075	1.906535	1.334281	0.248224	0.43007	UP	265.2357	265.2354
3657	M656T9_2	13.11139	3.712748	1.347187	0.248267	0.430077	UP	656.0165	656.016
3658	M478T9_6	31.97179	4.998728	1.348861	0.248449	0.430108	UP	478.489	478.4883
3659	M735T9_2	7.66798	2.938847	1.340075	0.248451	0.430108	UP	735.0715	735.0711
3660	M1006T9_	4.317134	2.110074	1.332752	0.248635	0.430139	UP	1005.608	1005.606
3661	M520T11	2.130817	1.091406	1.252545	0.248708	0.430151	UP	520.3943	520.3935
3662	M160T17	2.885958	1.52905	1.26886	0.249006	0.430201	UP	159.5248	159.5247
3663	M679T9	14.81289	3.888781	1.3457	0.249029	0.430205	UP	678.5022	678.4996
3664	M283T4	17.04305	-4.09111	-1.34748	0.249051	0.430209	DOWN	283.0698	283.0697
3665	M500T12	145.3118	7.183008	1.347386	0.249118	0.43022	UP	500.2376	500.2371

3666	M532T31_	1.687844	0.755181	1.313842	0.249359	0.43026	UP	532.2564	532.2563
3667	M220T13	4.141607	2.050191	1.332659	0.249619	0.430304	UP	220.1779	220.1776
3668	M866T42_	1.450342	0.536393	1.243544	0.249633	0.430306	UP	865.5979	865.5977
3669	M716T44	1.42354	0.509483	1.24277	0.24966	0.43031	UP	716.3531	716.3516
3670	M369T10_	3.0953	1.630079	1.287362	0.249792	0.430332	UP	368.7217	368.7205
3671	M265T31	1.676994	0.745877	1.28967	0.249823	0.430337	UP	265.1953	265.1952
3672	M733T34	2.655906	1.409204	1.291522	0.249954	0.430359	UP	732.5477	732.5463
3673	M288T18_	2.06436	1.045695	1.248147	0.250038	0.430373	UP	287.8892	287.8885
3674	M823T34	2.898637	1.535375	1.297503	0.250082	0.43038	UP	822.6068	822.6057
3675	M574T34_	2.120316	1.084279	1.256673	0.250183	0.430397	UP	573.9102	573.9091
3676	M626T22	3.656653	-1.87052	-1.33478	0.2503	0.430416	DOWN	626.2659	626.2644
3677	M485T10_	2.272278	1.184139	1.260614	0.250332	0.430422	UP	485.3412	485.3401
3678	M487T26	2.619384	1.389228	1.259965	0.250354	0.430426	UP	487.0831	487.0824
3679	M236T24	4.144529	-2.05121	-1.33347	0.250376	0.430429	DOWN	236.1591	236.1589
3680	M307T17_	1.962122	0.972415	1.251926	0.250512	0.430452	UP	307.0492	307.0491
3681	M805T10	4.826395	2.270946	1.315213	0.250521	0.430453	UP	804.9917	804.9909
3682	M499T23_	9.619632	3.265982	1.342054	0.250576	0.430462	UP	499.1878	499.1877
3683	M1852T10	16.81174	4.071397	1.339053	0.250718	0.430486	UP	1852.1	1852.1
3684	M166T23_	2.40298	1.264824	1.311062	0.250773	0.430495	UP	165.978	165.978
3685	M292T22	2.70303	1.434578	1.280586	0.250846	0.430507	UP	292.0751	292.0751
3686	M485T32	2.172982	1.119676	1.287688	0.250851	0.430508	UP	485.0879	485.0874
3687	M686T9_1	3.113255	1.638424	1.305891	0.250861	0.430509	UP	685.7506	685.7494
3688	M441T10_	2.877201	1.524666	1.261481	0.250906	0.430517	UP	441.1693	441.1678
3689	M465T16	2.560364	1.356349	1.237568	0.251002	0.430533	UP	464.908	464.9079
3690	M413T31_	1.720051	0.782452	1.257041	0.251025	0.430536	UP	412.8073	412.8066
3691	M942T41	1.752549	-0.80946	-1.2554	0.251041	0.430539	DOWN	942.4911	942.4897
3692	M587T32	5.564752	2.476317	1.330151	0.251069	0.430543	UP	587.4559	587.4558
3693	M667T22	5.15446	-2.36582	-1.33486	0.251077	0.430545	DOWN	667.2929	667.292
3694	M305T26	2.596787	1.376728	1.245009	0.251099	0.430548	UP	305.0874	305.0873
3695	M564T28_	2.754747	1.46192	1.246087	0.251114	0.430551	UP	564.0614	564.0613
3696	M597T24_	2.542643	1.346329	1.245428	0.251216	0.430568	UP	597.1193	597.1191
3697	M264T13	3.111834	1.637765	1.312986	0.251457	0.430607	UP	264.2324	264.2319
3698	M778T30	2.305109	-1.20483	-1.27342	0.251525	0.430618	DOWN	778.1999	778.1993
3699	M1010T9_	6.844945	2.775039	1.317931	0.251618	0.430634	UP	1010.496	1010.493
3700	M867T41	2.092325	1.065107	1.263014	0.251774	0.430659	UP	867.1894	867.1882
3701	M469T31	3.125395	1.644039	1.312471	0.251877	0.430676	UP	469.387	469.3864
3702	M470T31	3.409763	1.769671	1.317595	0.252123	0.430716	UP	470.39	470.3897
3703	M412T34	1.886095	0.915402	1.234168	0.252181	0.430726	UP	411.8025	411.8016
3704	M657T9_2	12.59053	3.654268	1.331735	0.252184	0.430726	UP	656.9131	656.9122
3705	M465T9_4	3.019115	1.594126	1.311138	0.252344	0.430753	UP	465.3374	465.3365
3706	M781T31	445.2902	8.798602	1.336461	0.252354	0.430754	UP	781.2629	781.2623
3707	M594T22_	2.432626	1.282515	1.307579	0.252416	0.430764	UP	594.2822	594.2819
3708	M550T33	1.833603	0.874681	1.233368	0.252453	0.43077	UP	550.0474	550.0467
3709	M593T44_	1.173955	0.231377	1.232906	0.252614	0.430796	UP	592.9264	592.9254
3710	M237T12	3.38676	1.759906	1.323612	0.252707	0.430812	UP	237.1136	237.1136
3711	M365T19	3.634579	-1.86179	-1.32879	0.252848	0.430835	DOWN	365.1712	365.1707
3712	M299T32	1.50516	-0.58992	-1.31913	0.252876	0.430839	DOWN	299.0792	299.0789

3713	M504T28_	1.822319	0.865775	1.236888	0.252898	0.430843	UP	503.8868	503.8859
3714	M187T32	1.710851	-0.77471	-1.33096	0.252926	0.430847	DOWN	187.0753	187.0752
3715	M734T10	3.124657	1.643698	1.262318	0.25295	0.430851	UP	734.4369	734.4368
3716	M468T31	2.94089	1.556253	1.304617	0.252974	0.430855	UP	468.3835	468.3827
3717	M470T9_2	1.962764	-0.97289	-1.26888	0.252978	0.430856	DOWN	470.3708	470.3685
3718	M374T14	2.270447	1.182976	1.232447	0.253022	0.430863	UP	373.9834	373.9832
3719	M576T32	2.273678	1.185028	1.240233	0.253031	0.430864	UP	576.2752	576.2741
3720	M415T11	1.986191	0.990005	1.233267	0.253128	0.43088	UP	415.2804	415.2801
3721	M590T29_	3.629714	-1.85986	-1.31894	0.253135	0.430881	DOWN	590.3221	590.3212
3722	M565T39_	1.95329	0.965906	1.262991	0.253141	0.430882	UP	565.4109	565.4098
3723	M526T22_	1.80567	-0.85253	-1.2416	0.253304	0.430909	DOWN	526.2764	526.2761
3724	M410T32	2.359838	1.238688	1.261164	0.253405	0.430925	UP	410.3477	410.347
3725	M302T30	3.291594	-1.71879	-1.31678	0.253436	0.43093	DOWN	302.1445	302.1442
3726	M697T31	2.33341	1.22244	1.258361	0.25352	0.430944	UP	697.193	697.1926
3727	M1105T11	2.13381	1.093431	1.235732	0.253563	0.43095	UP	1104.665	1104.663
3728	M938T39	3.587629	1.843031	1.297432	0.253673	0.430968	UP	937.6878	937.6875
3729	M411T31	8.30987	3.054826	1.331356	0.253755	0.430982	UP	411.1202	411.1198
3730	M703T28	3.254159	1.702285	1.288921	0.253991	0.43102	UP	703.1468	703.1462
3731	M413T10_	2.941768	1.556683	1.258806	0.254015	0.431024	UP	413.2963	413.288
3732	M444T31	2.58246	1.368746	1.323533	0.254054	0.43103	UP	444.2344	444.2338
3733	M298T27_	2.277113	1.187206	1.237639	0.254158	0.431047	UP	297.6279	297.6277
3734	M410T28_	2.239927	1.163452	1.254285	0.254169	0.431048	UP	410.3117	410.3115
3735	M735T34	2.990985	1.580621	1.291026	0.254203	0.431054	UP	734.5541	734.5529
3736	M411T34_	2.290396	1.195597	1.252829	0.254218	0.431056	UP	410.8033	410.8023
3737	M290T15	2.043076	1.030743	1.248575	0.25444	0.431092	UP	290.2482	290.2479
3738	M291T29_	2.101244	1.071244	1.244976	0.25453	0.431106	UP	291.1296	291.1295
3739	M372T25	1.54677	-0.62926	-1.25484	0.254715	0.431136	DOWN	372.3303	372.3301
3740	M339T30	1.762512	-0.81763	-1.2602	0.254795	0.431149	DOWN	339.3008	339.3004
3741	M302T29_	2.279865	1.188949	1.226556	0.25487	0.431161	UP	302.1329	302.1328
3742	M754T30_	1.165841	0.221371	1.233978	0.254958	0.431175	UP	753.5198	753.5184
3743	M283T26_	2.212609	1.145748	1.226321	0.254969	0.431177	UP	282.6328	282.6326
3744	M368T10_	10.12054	3.339215	1.320614	0.25501	0.431183	UP	368.4169	368.4165
3745	M542T29_	3.715379	-1.89351	-1.3084	0.255179	0.43121	DOWN	542.3219	542.3212
3746	M379T19_	1.950819	0.96408	1.273904	0.255245	0.431221	UP	379.187	379.1859
3747	M415T19_	3.076407	1.621246	1.284332	0.255279	0.431226	UP	415.0874	415.0873
3748	M755T10_	10.2636	3.359464	1.31875	0.255439	0.431252	UP	754.6472	754.647
3749	M517T26	2.550389	1.350717	1.22493	0.255443	0.431253	UP	517.0609	517.0608
3750	M392T23	1.348773	-0.43165	-1.24608	0.255567	0.431272	DOWN	392.3164	392.3161
3751	M499T39	2.495869	1.319542	1.283106	0.255573	0.431273	UP	499.3715	499.371
3752	M292T16	3.898591	1.962953	1.308021	0.255742	0.4313	UP	292.264	292.2634
3753	M556T11	3.589583	1.843816	1.269294	0.256264	0.431383	UP	556.1688	556.1684
3754	M336T13	7.0599	2.819648	1.322224	0.256304	0.43139	UP	336.2075	336.2072
3755	M402T10_	2.01702	1.012225	1.223948	0.256313	0.431391	UP	402.2677	402.2664
3756	M332T12	8.336707	3.059478	1.322398	0.256455	0.431414	UP	332.1783	332.1781
3757	M318T30_	3.663934	-1.87339	-1.30859	0.256513	0.431423	DOWN	317.6364	317.6364
3758	M470T17	3.137993	1.649842	1.245208	0.256587	0.431435	UP	469.9552	469.9549
3759	M636T40	1.861982	0.896839	1.221373	0.256715	0.431455	UP	636.4792	636.4786

3760	M344T20	1.628177	0.703257	1.229321	0.256745	0.431459	UP	344.2992	344.2984
3761	M731T22	24.20506	-4.59724	-1.32141	0.256815	0.431471	DOWN	731.3386	731.3374
3762	M1133T10	2.182951	1.12628	1.221334	0.256841	0.431475	UP	1132.855	1132.852
3763	M992T31	4.551126	-2.18622	-1.30128	0.256856	0.431477	DOWN	991.6733	991.6713
3764	M791T36	1.750811	0.808023	1.228997	0.256898	0.431484	UP	790.5898	790.589
3765	M323T25_	1.831157	0.872755	1.221382	0.256936	0.43149	UP	323.2418	323.2412
3766	M313T13	1.924056	0.944151	1.221205	0.256941	0.43149	UP	313.2358	313.2349
3767	M182T22	1.582796	0.662475	1.235032	0.25698	0.431497	UP	182.0391	182.039
3768	M332T22_	2.466269	1.30233	1.241656	0.257186	0.431529	UP	332.0985	332.0983
3769	M315T25	1.412517	-0.49827	-1.23451	0.257261	0.431541	DOWN	315.093	315.0928
3770	M1848T9	22.71686	4.505691	1.318446	0.257304	0.431548	UP	1847.872	1847.871
3771	M325T37	1.69765	-0.76354	-1.22768	0.257336	0.431553	DOWN	325.3215	325.3209
3772	M609T38	2.041403	1.029561	1.260255	0.257393	0.431562	UP	609.4372	609.436
3773	M779T10_	54.25824	5.76177	1.319606	0.257421	0.431566	UP	779.4	779.3993
3774	M442T9_2	2.399319	-1.26262	-1.26168	0.257469	0.431574	DOWN	442.2898	442.2891
3775	M636T26	3.027869	1.598303	1.268688	0.257506	0.43158	UP	636.1073	636.1069
3776	M510T17	3.4818	1.799833	1.246262	0.257567	0.431589	UP	509.978	509.9777
3777	M530T34_	2.180567	1.124704	1.240245	0.257643	0.431601	UP	529.8837	529.8828
3778	M452T41	2.207751	1.142577	1.283792	0.25771	0.431612	UP	452.3946	452.3936
3779	M340T24_	1.888729	0.917416	1.27576	0.257757	0.431619	UP	340.2203	340.2202
3780	M777T29	2.427341	-1.27938	-1.28204	0.257786	0.431623	DOWN	777.1882	777.1859
3781	M835T45	1.204772	0.26876	1.21876	0.257804	0.431626	UP	834.6429	834.6413
3782	M332T10_	3.070309	1.618384	1.287247	0.257826	0.43163	UP	332.2585	332.2579
3783	M411T32_	2.421727	1.276037	1.244276	0.257852	0.431634	UP	411.351	411.3509
3784	M640T33_	2.036749	1.026268	1.233048	0.257872	0.431637	UP	639.9501	639.949
3785	M703T34	1.930868	0.94925	1.221243	0.257952	0.43165	UP	702.5371	702.5362
3786	M203T13	3.438241	1.78167	1.308433	0.258014	0.431659	UP	203.1432	203.1429
3787	M583T9	6.356252	-2.66818	-1.30927	0.258036	0.431663	DOWN	583.3765	583.3763
3788	M463T23	3.095277	-1.63007	-1.29849	0.258129	0.431677	DOWN	463.0337	463.0329
3789	M247T26	2.343623	-1.22874	-1.26243	0.258406	0.431721	DOWN	247.2059	247.2056
3790	M386T43	1.363163	-0.44696	-1.22374	0.258425	0.431724	DOWN	386.3993	386.3984
3791	M779T34	2.777799	1.473942	1.270128	0.258581	0.431748	UP	778.5806	778.5793
3792	M383T33_	3.9698	-1.98907	-1.30733	0.258581	0.431748	DOWN	383.1218	383.1216
3793	M687T19	36.70465	-5.19789	-1.31558	0.258585	0.431749	DOWN	687.3288	687.3273
3794	M480T20_	2.213736	1.146483	1.238434	0.258587	0.431749	UP	480.4076	480.4072
3795	M737T9_2	16.80713	4.071002	1.313745	0.258692	0.431765	UP	737.2659	737.2651
3796	M734T34	2.679565	1.421999	1.266259	0.258718	0.431769	UP	733.5512	733.5497
3797	M388T10_	4.480844	2.16377	1.291406	0.25878	0.431779	UP	387.7211	387.7202
3798	M270T23	2.307294	1.206202	1.25868	0.258893	0.431797	UP	270.2792	270.2787
3799	M734T29	5.933497	2.568883	1.300628	0.258994	0.431812	UP	734.1617	734.1608
3800	M419T21_	1.302502	-0.38129	-1.21721	0.258996	0.431813	DOWN	419.2906	419.2904
3801	M419T27_	3.061244	1.614118	1.307079	0.259041	0.43182	UP	419.2044	419.2043
3802	M401T10_	2.851581	-1.51176	-1.21688	0.259127	0.431833	DOWN	401.2968	401.2946
3803	M456T35	2.939802	1.555719	1.287231	0.259131	0.431834	UP	456.4047	456.4045
3804	M426T24_	1.37882	-0.46343	-1.21529	0.259138	0.431835	DOWN	426.194	426.1939
3805	M412T19_	9.988678	-3.32029	-1.31228	0.259264	0.431854	DOWN	412.1889	412.1883
3806	M667T10	2.478613	1.309533	1.215416	0.259269	0.431855	UP	667.3378	667.3356

3807	M539T12_	1.929853	0.948491	1.214512	0.259301	0.43186	UP	539.4042	539.404
3808	M634T9_2	4.231085	2.081028	1.26355	0.259402	0.431876	UP	634.2595	634.2579
3809	M396T32_	244.7087	7.934922	1.312328	0.259647	0.431914	UP	395.8899	395.8898
3810	M955T34	3.377604	1.756	1.276009	0.259665	0.431917	UP	954.6859	954.6847
3811	M677T9_2	5.426387	2.439992	1.308115	0.259668	0.431917	UP	677.4987	677.4953
3812	M280T12	2.923662	1.547776	1.273399	0.259733	0.431927	UP	280.2274	280.2272
3813	M616T10_	7.447032	2.896666	1.299148	0.259764	0.431932	UP	615.9284	615.9277
3814	M263T9_2	14.40046	3.848043	1.308108	0.25977	0.431933	UP	263.3478	263.3475
3815	M581T20	2.192368	1.13249	1.216632	0.259816	0.43194	UP	581.425	581.4242
3816	M415T9	3.224443	-1.68905	-1.27906	0.259883	0.43195	DOWN	415.2537	415.2534
3817	M263T9_1	14.64201	3.872042	1.30809	0.259909	0.431954	UP	262.98	262.9798
3818	M953T34	2.844864	1.50836	1.265163	0.259921	0.431956	UP	952.6794	952.677
3819	M833T11	2.729611	-1.4487	-1.26439	0.259976	0.431965	DOWN	833.3472	833.3449
3820	M344T27_	12.25597	-3.61541	-1.30891	0.260058	0.431977	DOWN	344.3161	344.3157
3821	M1041T34	2.986163	1.578293	1.260185	0.260155	0.431992	UP	1040.732	1040.73
3822	M783T10_	4.498202	2.169349	1.284589	0.26021	0.432001	UP	782.978	782.9751
3823	M603T44	1.198107	0.260757	1.22327	0.260246	0.432006	UP	602.9443	602.9433
3824	M341T9_2	6.126125	2.614975	1.296413	0.260289	0.432013	UP	341.1162	341.1156
3825	M388T24	10.86847	3.442078	1.309214	0.260303	0.432015	UP	388.1783	388.1776
3826	M616T10_	1.879733	0.910527	1.212908	0.260507	0.432047	UP	616.4274	616.4264
3827	M1761T9	12.21265	3.610305	1.305051	0.260526	0.43205	UP	1761.085	1761.084
3828	M163T13	5.157478	2.366666	1.303508	0.26059	0.432059	UP	163.0754	163.0751
3829	M373T14_	2.351373	1.233504	1.242391	0.260631	0.432066	UP	373.2853	373.285
3830	M668T10	2.486071	1.313868	1.211292	0.260636	0.432066	UP	668.3412	668.3402
3831	M566T39	2.144682	1.100764	1.246023	0.260727	0.432081	UP	565.9127	565.9121
3832	M366T10_	9.977442	3.31867	1.300774	0.260925	0.432111	UP	366.0298	366.0295
3833	M227T21_	14.97866	3.904837	1.30813	0.260928	0.432111	UP	227.0639	227.0638
3834	M1084T9	5.748288	2.523132	1.281872	0.261015	0.432125	UP	1084.424	1084.422
3835	M782T10_	4.711479	2.23618	1.292645	0.261046	0.432129	UP	782.4767	782.4764
3836	M360T37_	1.131866	0.178703	1.21762	0.26105	0.43213	UP	360.3624	360.362
3837	M774T28	4.126052	2.044762	1.269582	0.261239	0.432159	UP	774.0741	774.0729
3838	M653T9_1	13.67254	3.77321	1.302976	0.26129	0.432167	UP	652.6771	652.6765
3839	M577T10_	3.918699	1.970375	1.286053	0.261363	0.432178	UP	577.0315	577.0305
3840	M479T22_	3.866956	-1.9512	-1.29363	0.261408	0.432185	DOWN	479.108	479.1068
3841	M517T22_	1.877918	0.909134	1.218553	0.261514	0.432201	UP	516.9423	516.9418
3842	M553T34_	2.01527	1.010973	1.218137	0.261534	0.432204	UP	553.4447	553.4438
3843	M1005T9	6.42099	2.682796	1.285033	0.261672	0.432225	UP	1004.598	1004.596
3844	M278T26_	2.305764	1.205245	1.251094	0.261775	0.432241	UP	278.104	278.1034
3845	M756T10_	8.949259	3.161768	1.296706	0.26179	0.432243	UP	756.304	756.3036
3846	M798T30	1.214796	0.280714	1.258815	0.26186	0.432254	UP	797.546	797.5448
3847	M298T21	3.357902	-1.74756	-1.29312	0.262258	0.432315	DOWN	298.2381	298.2379
3848	M432T25_	3.040264	-1.6042	-1.29341	0.262392	0.432335	DOWN	432.168	432.1679
3849	M404T26_	5.666296	2.502406	1.277585	0.262537	0.432357	UP	404.0016	404.0012
3850	M702T6	17.85669	-4.15839	-1.30134	0.26258	0.432364	DOWN	702.4973	702.4964
3851	M425T45	1.145343	0.195779	1.21827	0.262787	0.432395	UP	425.3345	425.3338
3852	M425T10_	2.986016	1.578222	1.259807	0.262852	0.432405	UP	424.847	424.8463
3853	M434T38	1.375406	0.459857	1.278667	0.262882	0.432409	UP	434.1706	434.1705

3854	M408T11_	10.4625	3.387156	1.300926	0.2629	0.432412	UP	408.2286	408.2282
3855	M282T9_2	17.11158	4.096901	1.299242	0.262967	0.432422	UP	281.5755	281.5751
3856	M350T9_1	6.627078	2.728373	1.294333	0.262976	0.432424	UP	350.4516	350.4513
3857	M736T34	2.820574	1.495989	1.254971	0.263001	0.432427	UP	735.5567	735.5559
3858	M499T9_2	19.03002	4.250205	1.298361	0.263342	0.432479	UP	498.9936	498.9934
3859	M937T39	3.223421	1.688593	1.265289	0.263376	0.432484	UP	936.6842	936.6832
3860	M331T9_3	7.117245	2.831319	1.283404	0.263542	0.432509	UP	330.8284	330.8283
3861	M760T10_	6.68518	2.740966	1.288431	0.263566	0.432513	UP	760.4497	760.4492
3862	M458T9_3	21.24016	4.408723	1.297678	0.263695	0.432532	UP	458.0143	458.0142
3863	M219T16_	2.936311	1.554005	1.257155	0.263699	0.432533	UP	219.1746	219.1745
3864	M216T10_	8.63566	3.110306	1.297324	0.263721	0.432536	UP	215.9427	215.9427
3865	M442T10_	2.180689	1.124784	1.219995	0.263772	0.432544	UP	442.3473	442.346
3866	M325T38	1.349643	0.432578	1.274955	0.263878	0.43256	UP	325.1657	325.1656
3867	M261T18	2.262839	1.178134	1.211913	0.263888	0.432561	UP	260.5818	260.5817
3868	M543T29	4.245596	-2.08597	-1.28785	0.263962	0.432573	DOWN	543.3251	543.3248
3869	M416T22	1.489173	-0.57451	-1.22963	0.264101	0.432593	DOWN	416.0091	416.0019
3870	M653T9_3	12.81338	3.679579	1.293396	0.264143	0.4326	UP	653.1221	653.1215
3871	M332T9_2	8.964547	3.164231	1.289969	0.26417	0.432604	UP	331.6506	331.6502
3872	M480T26_	2.566926	1.360042	1.228302	0.264234	0.432613	UP	480.1065	480.1063
3873	M1667T10	11.89523	3.572311	1.292615	0.264282	0.432621	UP	1667.219	1667.216
3874	M1086T34	4.46454	2.158512	1.270451	0.2643	0.432623	UP	1085.762	1085.761
3875	M280T24	2.277716	-1.18759	-1.27534	0.264321	0.432626	DOWN	280.1757	280.1755
3876	M476T9_1	16.34961	4.031184	1.29442	0.264429	0.432643	UP	475.9768	475.9765
3877	M571T44_	1.166119	0.221715	1.200377	0.264547	0.43266	UP	570.9131	570.9121
3878	M433T39	2.669125	1.416367	1.283434	0.26456	0.432662	UP	433.3322	433.332
3879	M277T11_	1.651101	0.723428	1.220225	0.264642	0.432675	UP	277.1283	277.1282
3880	M302T29_	2.056671	1.040311	1.20452	0.264694	0.432682	UP	301.6312	301.6308
3881	M1090T9	6.545529	2.71051	1.275453	0.264744	0.43269	UP	1089.972	1089.972
3882	M500T9	17.97235	4.167707	1.293807	0.264784	0.432696	UP	499.7892	499.7891
3883	M727T11_	1.963388	0.973345	1.199161	0.264786	0.432696	UP	727.4343	727.4316
3884	M507T23_	3.124361	1.643561	1.236324	0.26496	0.432722	UP	507.0362	507.0361
3885	M554T28_	1.581825	0.66159	1.212149	0.265008	0.432729	UP	554.3969	554.3958
3886	M701T40	1.681931	0.750118	1.20014	0.265215	0.43276	UP	700.5212	700.5204
3887	M384T22_	2.011684	1.008404	1.202377	0.265284	0.43277	UP	384.1797	384.1793
3888	M275T28_	2.337453	1.224937	1.202072	0.265288	0.432771	UP	275.0367	275.0366
3889	M814T31	2.318312	1.213075	1.226377	0.265299	0.432773	UP	814.1258	814.1256
3890	M417T9	1.705682	-0.77035	-1.23587	0.265341	0.432779	DOWN	417.3229	417.3218
3891	M323T17_	17.56136	4.134333	1.293513	0.265438	0.432793	UP	322.9709	322.9701
3892	M677T9_1	4.612574	2.205572	1.256547	0.265546	0.432809	UP	676.8028	676.8025
3893	M466T20_	2.445213	-1.28996	-1.25657	0.265699	0.432832	DOWN	466.1754	466.1741
3894	M373T32_	2.387176	1.255305	1.199273	0.265755	0.43284	UP	373.131	373.1305
3895	M423T22_	3.082333	1.624023	1.235216	0.265849	0.432855	UP	423.0044	423.0043
3896	M332T9_1	9.91273	3.309282	1.284765	0.265861	0.432856	UP	331.51	331.5097
3897	M282T22	1.835148	0.875897	1.196423	0.265907	0.432863	UP	282.1028	282.1027
3898	M637T10_	2.877192	1.524661	1.232278	0.265949	0.432869	UP	636.5065	636.5052
3899	M493T26_	2.344678	1.22939	1.229389	0.265973	0.432873	UP	492.9393	492.9391
3900	M218T22_	1.88736	0.916369	1.282163	0.266024	0.43288	UP	218.0602	218.06

3901	M615T17	1.880821	0.911362	1.203635	0.266147	0.432899	UP	615.0292	615.0281
3902	M266T26_	3.418553	-1.77339	-1.27879	0.266181	0.432904	DOWN	266.2197	266.2192
3903	M397T32_	445.0004	8.797663	1.290937	0.266282	0.432919	UP	396.8843	396.8838
3904	M356T9	8.553536	3.096521	1.284909	0.266308	0.432922	UP	356.4742	356.474
3905	M458T21_	2.792102	1.481351	1.245205	0.26633	0.432926	UP	458.1829	458.1822
3906	M439T22	2.107937	1.075832	1.197266	0.266333	0.432926	UP	439.0461	439.0454
3907	M389T34_	2.176332	1.121899	1.218675	0.266337	0.432927	UP	389.292	389.2915
3908	M427T11	1.839442	0.879268	1.194687	0.266425	0.43294	UP	427.3043	427.3034
3909	M285T23_	2.090096	1.063569	1.201053	0.266494	0.43295	UP	285.0318	285.0313
3910	M339T32_	2.055957	1.03981	1.195512	0.266529	0.432955	UP	339.1053	339.1052
3911	M504T28_	1.79103	0.84079	1.20188	0.266557	0.432959	UP	504.3885	504.3877
3912	M279T28_	1.996686	0.997607	1.246324	0.266572	0.432962	UP	279.1116	279.1113
3913	M350T10_	10.80349	3.433425	1.28469	0.266649	0.432973	UP	350.1022	350.1019
3914	M564T24	4.328204	2.113768	1.286869	0.266682	0.432978	UP	564.251	564.2506
3915	M600T9	1.69089	0.757783	1.195819	0.266735	0.432986	UP	600.4068	600.4053
3916	M343T16_	2.501343	1.322703	1.193923	0.266789	0.432994	UP	342.977	342.9769
3917	M224T18_	1.709714	-0.77375	-1.26425	0.266792	0.432994	DOWN	224.0959	224.0955
3918	M656T10_	8.748256	3.128995	1.279679	0.266845	0.433002	UP	656.4643	656.4635
3919	M527T44_	1.167742	0.223722	1.194563	0.266858	0.433004	UP	527.3884	527.3875
3920	M586T23	3.392745	-1.76245	-1.27809	0.266901	0.43301	DOWN	585.9422	585.942
3921	M477T11_	2.618822	1.388918	1.196044	0.266966	0.43302	UP	477.1582	477.1565
3922	M521T27_	6.482859	-2.69663	-1.2856	0.267031	0.433029	DOWN	521.0844	521.0841
3923	M341T10_	10.03844	3.327464	1.283806	0.267032	0.433029	UP	341.4744	341.4736
3924	M291T32	2.151928	1.10563	1.193171	0.267082	0.433037	UP	290.6391	290.6387
3925	M1676T10	10.76026	3.427641	1.281648	0.267117	0.433042	UP	1675.945	1675.943
3926	M621T30	1.152131	0.204304	1.192718	0.267153	0.433047	UP	621.4408	621.4396
3927	M660T9_2	2.881913	1.527027	1.223792	0.267193	0.433053	UP	659.5482	659.5467
3928	M347T17	3.137053	1.64941	1.228343	0.267209	0.433055	UP	347.0904	347.0899
3929	M387T22_	5.209589	-2.38117	-1.28505	0.267275	0.433065	DOWN	386.9831	386.9827
3930	M442T9_1	2.260928	-1.17692	-1.21987	0.267324	0.433072	DOWN	441.7879	441.7875
3931	M998T34	2.898221	1.535167	1.238867	0.267326	0.433073	UP	997.7094	997.7077
3932	M216T10_	11.63999	3.541018	1.283553	0.267393	0.433082	UP	216.4546	216.4544
3933	M535T23	2.759711	1.464517	1.219509	0.267399	0.433083	UP	535.0312	535.0309
3934	M696T31_	2.230503	1.157369	1.217577	0.267402	0.433084	UP	696.1899	696.1886
3935	M394T26_	1.849782	0.887356	1.200075	0.267481	0.433095	UP	394.1468	394.1465
3936	M324T14	9.09164	3.18454	1.284819	0.267727	0.433131	UP	324.1983	324.198
3937	M637T10_	2.85726	1.514632	1.195855	0.267744	0.433134	UP	636.9668	636.9655
3938	M445T31	2.810995	1.491081	1.218261	0.267894	0.433156	UP	445.1948	445.1941
3939	M499T29	3.45669	1.789391	1.236497	0.267951	0.433164	UP	499.1987	499.1981
3940	M331T11_	12.25758	3.615603	1.283795	0.26796	0.433166	UP	331.1578	331.1574
3941	M424T13_	9.20196	-3.20194	-1.28536	0.268005	0.433172	DOWN	424.1734	424.1727
3942	M430T23_	2.100273	1.070577	1.218052	0.268026	0.433175	UP	429.7834	429.7826
3943	M342T13_	1.949902	0.963402	1.191908	0.268097	0.433186	UP	342.269	342.2682
3944	M391T22_	2.201312	1.138364	1.198857	0.268142	0.433192	UP	391.1404	391.1402
3945	M652T29_	1.937401	-0.95412	-1.21513	0.268151	0.433194	DOWN	652.2585	652.2585
3946	M496T41	2.681177	1.422866	1.268142	0.268181	0.433198	UP	496.4207	496.4197
3947	M457T9_1	12.91552	3.691034	1.28046	0.268252	0.433208	UP	456.5369	456.5366

3948	M438T31	1.825523	0.86831	1.190021	0.26835	0.433223	UP	438.1336	438.1336
3949	M304T22_	1.928815	0.947715	1.190354	0.26848	0.433242	UP	304.0972	304.0971
3950	M338T10_	2.247339	1.168218	1.193116	0.268527	0.433248	UP	338.4458	338.4449
3951	M478T9_3	16.04064	4.003659	1.280739	0.268615	0.433261	UP	477.8979	477.8972
3952	M702T27	3.762897	-1.91184	-1.2747	0.268724	0.433277	DOWN	702.1682	702.1676
3953	M422T21	1.376914	0.461438	1.194733	0.26878	0.433285	UP	422.2365	422.2362
3954	M703T9	7.337797	2.875347	1.280317	0.268844	0.433295	UP	702.5467	702.5451
3955	M622T17	1.596115	0.674564	1.187679	0.269025	0.433321	UP	622.4897	622.4883
3956	M1051T9	15.94719	3.99523	1.278976	0.26923	0.433351	UP	1050.571	1050.57
3957	M368T10_	34.11031	5.092136	1.281376	0.269246	0.433353	UP	367.8221	367.8221
3958	M437T22_	2.494654	1.31884	1.214707	0.269256	0.433354	UP	437.3841	437.3831
3959	M461T22_	1.754726	0.811246	1.189192	0.269496	0.433389	UP	461.3459	461.3457
3960	M159T22	1.702588	0.76773	1.187173	0.269535	0.433395	UP	158.974	158.9736
3961	M282T9_1	15.58049	3.961669	1.277744	0.269642	0.43341	UP	281.5055	281.5052
3962	M540T40	3.198272	1.677293	1.270123	0.269656	0.433412	UP	540.4471	540.4459
3963	M709T10_	2.60966	1.383862	1.2053	0.269665	0.433414	UP	709.474	709.4712
3964	M418T20	3.760539	1.91094	1.277869	0.26988	0.433445	UP	418.2029	418.2026
3965	M611T10_	8.963363	3.16404	1.271046	0.269959	0.433456	UP	611.0576	611.0573
3966	M465T9_3	6.119277	2.613361	1.256997	0.270204	0.433492	UP	464.9188	464.9179
3967	M375T12	1.602329	0.68017	1.184835	0.270217	0.433493	UP	374.793	374.7927
3968	M689T34	2.72668	1.447146	1.23675	0.270408	0.433521	UP	688.5213	688.52
3969	M658T10_	12.7583	3.673364	1.273179	0.270516	0.433536	UP	657.8656	657.8646
3970	M370T28_	1.968565	0.977144	1.200638	0.270559	0.433543	UP	369.9337	369.933
3971	M521T34	2.052844	1.037624	1.194513	0.270586	0.433546	UP	520.8686	520.8683
3972	M218T31	2.353009	1.234507	1.189944	0.270639	0.433554	UP	217.99	217.9897
3973	M703T10_	2.778439	1.474274	1.219717	0.270669	0.433558	UP	703.4423	703.4419
3974	M610T10_	2.130664	1.091303	1.19318	0.270795	0.433577	UP	609.9074	609.9071
3975	M622T9_2	3.602836	1.849133	1.247856	0.27082	0.43358	UP	622.4023	622.402
3976	M871T32	14.64047	-3.87189	-1.27631	0.270842	0.433583	DOWN	870.53	870.5279
3977	M618T33_	1.981387	0.986511	1.195855	0.270853	0.433585	UP	617.9366	617.9358
3978	M1765T10	19.7392	4.302991	1.274609	0.270872	0.433588	UP	1765.029	1765.029
3979	M507T22	2.97475	1.572769	1.232121	0.270891	0.43359	UP	506.9181	506.9177
3980	M1085T34	3.224922	1.689264	1.232209	0.271034	0.433611	UP	1084.758	1084.757
3981	M321T10	5.583238	2.481102	1.261027	0.271053	0.433613	UP	321.0458	321.0453
3982	M314T29_	2.114412	1.080256	1.185342	0.27108	0.433617	UP	313.6313	313.631
3983	M375T23	5.214748	2.382598	1.266322	0.271136	0.433625	UP	375.1293	375.1292
3984	M461T44_	1.150014	0.201652	1.190574	0.27116	0.433629	UP	461.3491	461.3484
3985	M766T29_	1.663912	0.734579	1.182467	0.271183	0.433632	UP	766.1693	766.1689
3986	M536T22_	6.103912	2.609734	1.274305	0.271215	0.433637	UP	536.3125	536.3121
3987	M725T10	3.541312	1.824284	1.234164	0.271323	0.433652	UP	724.9542	724.9535
3988	M615T10_	7.027591	2.81303	1.25962	0.271537	0.433683	UP	614.7107	614.7102
3989	M219T22	2.70677	-1.43657	-1.26468	0.271575	0.433688	DOWN	219.1957	219.1953
3990	M656T10_	11.31266	3.499866	1.268781	0.27161	0.433693	UP	655.9622	655.9615
3991	M387T33	2.369635	1.244665	1.184258	0.27185	0.433727	UP	387.1466	387.1462
3992	M408T20_	2.013744	1.009881	1.202346	0.271862	0.433729	UP	408.1598	408.1589
3993	M624T32_	19.89374	-4.31424	-1.27314	0.271907	0.433736	DOWN	624.2409	624.24
3994	M633T10_	2.345563	1.229934	1.18642	0.271924	0.433738	UP	633.4598	633.4574

3995	M758T10_	8.750818	3.129418	1.264245	0.271984	0.433747	UP	758.1757	758.1752
3996	M849T39_	3.217157	1.685787	1.249798	0.272013	0.433751	UP	848.6315	848.6299
3997	M256T32	2.452362	1.294172	1.182603	0.272034	0.433754	UP	256.0268	256.0266
3998	M708T10_	2.179704	1.124132	1.183481	0.272304	0.433792	UP	707.9325	707.931
3999	M457T9_3	14.84429	3.891836	1.268875	0.272357	0.4338	UP	457.0889	457.0886
4000	M301T29_	2.012235	1.008799	1.180714	0.27238	0.433803	UP	301.1352	301.1348
4001	M1672T9	8.485512	3.085002	1.262208	0.272487	0.433818	UP	1672.074	1672.071
4002	M370T10_	2.146344	1.101881	1.178892	0.272492	0.433819	UP	370.2423	370.241
4003	M441T17	3.067333	1.616985	1.19399	0.272556	0.433828	UP	440.9568	440.9567
4004	M289T29_	2.074545	1.052795	1.183384	0.272636	0.433839	UP	289.1351	289.1348
4005	M245T23	1.961889	0.972244	1.195353	0.272787	0.433861	UP	245.2669	245.2666
4006	M705T9_3	10.87909	3.443486	1.265061	0.272792	0.433861	UP	704.8542	704.8537
4007	M760T10_	7.593832	2.924828	1.258353	0.272939	0.433882	UP	760.1511	760.15
4008	M537T11	3.170985	1.664931	1.243483	0.272948	0.433883	UP	537.1675	537.1672
4009	M664T30	1.170632	0.227288	1.176911	0.273065	0.4339	UP	664.4636	664.4626
4010	M784T9	3.526579	1.818269	1.222116	0.273111	0.433906	UP	784.4925	784.4895
4011	M1769T9	10.78526	3.430989	1.263225	0.273152	0.433912	UP	1769.472	1769.469
4012	M709T30_	2.976978	1.573848	1.200162	0.273186	0.433917	UP	709.1939	709.1932
4013	M658T34_	2.423596	-1.27715	-1.25651	0.2733	0.433933	DOWN	658.4898	658.4897
4014	M520T22_	1.855444	0.891765	1.194737	0.27341	0.433949	UP	519.9511	519.9503
4015	M458T12	2.035133	1.025123	1.175978	0.273554	0.433969	UP	458.3654	458.3645
4016	M835T34	2.075437	-1.05341	-1.24996	0.273578	0.433972	DOWN	834.5798	834.5784
4017	M1026T39	3.896417	1.962148	1.238322	0.273579	0.433972	UP	1025.741	1025.738
4018	M1774T10	11.2803	3.495733	1.262309	0.273582	0.433973	UP	1773.686	1773.684
4019	M776T42	1.67503	0.744187	1.205896	0.273651	0.433983	UP	775.5986	775.5979
4020	M226T16_	2.720386	-1.44381	-1.19757	0.273772	0.434	DOWN	226.1803	226.1803
4021	M757T10_	7.702986	2.945418	1.256021	0.274004	0.434032	UP	757.4813	757.4788
4022	M348T31_	2.280816	1.18955	1.217323	0.274154	0.434053	UP	348.1068	348.1064
4023	M413T21_	8.022258	3.004008	1.264208	0.274209	0.434061	UP	413.2305	413.2299
4024	M582T23	2.624593	-1.39209	-1.25836	0.274227	0.434064	DOWN	581.9465	581.9454
4025	M552T34_	1.964028	0.973815	1.180568	0.274247	0.434066	UP	552.4414	552.4405
4026	M737T9_1	9.179948	3.198486	1.257861	0.274316	0.434076	UP	736.7324	736.7319
4027	M709T9	9.626835	3.267061	1.257848	0.274413	0.43409	UP	708.6017	708.601
4028	M464T18_	2.096014	1.067648	1.173567	0.274472	0.434098	UP	463.9115	463.9109
4029	M457T9_5	9.504002	3.248535	1.260791	0.274479	0.434099	UP	457.2336	457.2334
4030	M684T33	2.259207	1.175817	1.199486	0.274491	0.434101	UP	683.9763	683.9753
4031	M538T12_	1.768472	0.822503	1.173697	0.274618	0.434118	UP	538.3854	538.3843
4032	M319T10	2.822092	1.496765	1.196564	0.274633	0.434121	UP	318.7567	318.7562
4033	M613T10_	7.164748	2.840916	1.252088	0.274695	0.434129	UP	613.3437	613.3436
4034	M400T16	2.714308	1.440584	1.180658	0.274729	0.434134	UP	400.0145	400.0144
4035	M772T10	5.46894	2.451261	1.252628	0.274772	0.43414	UP	772.4108	772.4095
4036	M267T18_	1.358714	0.442242	1.178482	0.27479	0.434142	UP	267.2068	267.2064
4037	M760T10_	6.85343	2.776826	1.248752	0.274838	0.434149	UP	759.8441	759.8434
4038	M652T9_1	11.00329	3.459863	1.259007	0.274886	0.434156	UP	652.2331	652.2328
4039	M372T33	1.485233	-0.57069	-1.17214	0.275056	0.43418	DOWN	372.3471	372.3467
4040	M593T28	2.45079	1.293247	1.171595	0.275069	0.434181	UP	593.0073	593.007
4041	M499T30_	2.874848	1.523486	1.230666	0.275105	0.434186	UP	499.3976	499.3971

4042	M522T26_	2.741959	-1.45521	-1.25255	0.275191	0.434198	DOWN	522.2591	522.2585
4043	M851T39	4.109923	2.039112	1.245376	0.275229	0.434204	UP	850.6381	850.6369
4044	M332T9_5	10.33709	3.369758	1.25743	0.275233	0.434204	UP	331.9923	331.992
4045	M417T23_	2.754965	-1.46203	-1.24499	0.275682	0.434267	DOWN	417.028	417.0272
4046	M656T9_1	9.977038	3.318612	1.254227	0.275879	0.434294	UP	655.5144	655.5137
4047	M635T9	4.652476	2.217999	1.225061	0.275922	0.4343	UP	634.7368	634.7358
4048	M351T10_	8.73125	3.126188	1.251366	0.27596	0.434305	UP	350.6257	350.6254
4049	M595T33	1.989668	0.992528	1.181018	0.275968	0.434306	UP	595.4217	595.4207
4050	M478T9_1	13.74936	3.781293	1.257043	0.27603	0.434315	UP	477.5886	477.5882
4051	M809T34	7.501319	2.907144	1.253008	0.276133	0.434329	UP	808.5642	808.5638
4052	M879T10_	4.125034	2.044406	1.217381	0.276155	0.434332	UP	879.3658	879.3641
4053	M524T22	3.584352	-1.84171	-1.24649	0.276199	0.434338	DOWN	524.1301	524.1297
4054	M397T10	3.284381	1.715621	1.210152	0.276206	0.434339	UP	397.2854	397.2848
4055	M728T9_2	4.632062	2.211655	1.224421	0.276232	0.434343	UP	728.0878	728.0871
4056	M271T18	2.020594	1.014779	1.171569	0.276296	0.434352	UP	271.0031	271.0024
4057	M364T30	2.354422	1.235373	1.178471	0.276326	0.434356	UP	363.6035	363.6033
4058	M365T31_	1.665763	0.736183	1.183495	0.276362	0.434361	UP	365.0866	365.0863
4059	M376T13_	37.08958	-5.21294	-1.25932	0.276376	0.434363	DOWN	376.2122	376.2116
4060	M523T40	2.768	1.468844	1.241305	0.276392	0.434365	UP	523.4205	523.4196
4061	M565T22	3.238289	-1.69523	-1.24899	0.276402	0.434367	DOWN	565.157	565.1564
4062	M496T22	2.949186	-1.56032	-1.24991	0.276445	0.434373	DOWN	496.1679	496.1668
4063	M711T10_	10.48182	3.389817	1.255729	0.276525	0.434384	UP	710.6772	710.6764
4064	M893T39	2.94541	1.558468	1.228645	0.276543	0.434386	UP	892.6578	892.6567
4065	M1671T10	8.298656	3.052878	1.249087	0.276547	0.434387	UP	1671.074	1671.07
4066	M432T26_	2.050358	1.035876	1.173537	0.276555	0.434388	UP	432.1835	432.1832
4067	M512T26	3.595061	1.846016	1.256269	0.276578	0.434391	UP	512.2911	512.291
4068	M281T9_2	17.74473	4.149319	1.256905	0.276596	0.434393	UP	281.4356	281.4354
4069	M759T10_	7.363872	2.880465	1.245215	0.27661	0.434395	UP	759.2657	759.2656
4070	M577T32_	2.289464	1.19501	1.177021	0.276651	0.434401	UP	577.2784	577.2776
4071	M321T35	16.65117	4.057551	1.25798	0.276798	0.434421	UP	321.2426	321.2426
4072	M1038T9	2.472837	1.306167	1.201829	0.276944	0.434441	UP	1038.243	1038.24
4073	M739T10	4.791289	2.260414	1.23658	0.277018	0.434452	UP	738.9517	738.9512
4074	M348T9_3	1.703485	0.768489	1.230604	0.277097	0.434462	UP	348.2573	348.2563
4075	M747T31	2.403387	1.265069	1.169459	0.277366	0.434499	UP	747.2091	747.2087
4076	M498T30_	16.39467	4.035155	1.25567	0.277429	0.434508	UP	498.3554	498.355
4077	M886T30	1.132551	0.179576	1.168169	0.277494	0.434517	UP	885.5988	885.5972
4078	M383T10_	3.174833	1.666681	1.222257	0.277556	0.434525	UP	383.297	383.2965
4079	M388T10_	7.181732	2.844332	1.250803	0.277592	0.43453	UP	388.2229	388.2216
4080	M395T9	2.192175	-1.13236	-1.22564	0.277777	0.434556	DOWN	395.2155	395.2146
4081	M654T9_1	10.86489	3.441602	1.250099	0.277798	0.434559	UP	653.6208	653.6202
4082	M1968T10	5.397653	2.432332	1.249257	0.277899	0.434573	UP	1968.231	1968.226
4083	M805T40	3.564051	1.833518	1.241035	0.277906	0.434573	UP	804.6052	804.6037
4084	M250T13	5.343074	2.41767	1.249085	0.277909	0.434574	UP	250.2169	250.2164
4085	M471T13	2.2293	1.156591	1.167687	0.278013	0.434588	UP	471.3695	471.3688
4086	M173T30	1.378366	-0.46296	-1.18488	0.278078	0.434597	DOWN	173.1325	173.1325
4087	M552T23	6.106949	2.610452	1.252064	0.278232	0.434618	UP	552.3434	552.343
4088	M364T41	1.609894	0.686965	1.164575	0.278323	0.434631	UP	364.3423	364.3417

4089	M431T27	2.588211	1.371955	1.187328	0.278416	0.434643	UP	431.3272	431.3266
4090	M357T10_	10.02079	3.324924	1.248516	0.278419	0.434644	UP	357.3353	357.335
4091	M338T10_	1.895173	0.92233	1.163263	0.278427	0.434645	UP	338.2159	338.2147
4092	M427T35	1.727717	-0.78887	-1.16395	0.278449	0.434648	DOWN	426.8224	426.8221
4093	M1106T11	2.09001	1.06351	1.171231	0.278477	0.434652	UP	1105.669	1105.666
4094	M776T29	2.403018	-1.26485	-1.22206	0.278532	0.434659	DOWN	776.1847	776.1834
4095	M485T17_	13.2699	-3.73009	-1.25142	0.278577	0.434665	DOWN	485.2761	485.2752
4096	M771T30	2.283909	1.191505	1.16855	0.278642	0.434674	UP	771.2092	771.2085
4097	M647T31	10.26342	3.35944	1.248277	0.278717	0.434684	UP	647.2076	647.2072
4098	M731T9_2	4.657548	2.219571	1.219024	0.278737	0.434687	UP	730.9042	730.9039
4099	M770T12	2.040107	1.028645	1.170187	0.278912	0.434711	UP	769.5577	769.5562
4100	M614T10_	6.916543	2.790051	1.238618	0.278942	0.434715	UP	614.2039	614.2034
4101	M981T39	3.318639	1.730592	1.221492	0.2791	0.434736	UP	980.7105	980.7093
4102	M472T35_	1.547665	0.630094	1.16451	0.279155	0.434744	UP	472.3997	472.399
4103	M735T9_1	12.79155	3.677119	1.246607	0.279315	0.434766	UP	735.007	735.0066
4104	M427T16_	2.455312	1.295906	1.16093	0.27941	0.434778	UP	427.0255	427.0246
4105	M747T35	2.310407	1.208147	1.197283	0.279412	0.434779	UP	746.5634	746.5626
4106	M774T10	2.629856	1.394984	1.178317	0.279415	0.434779	UP	774.4944	774.4937
4107	M216T10_	6.527571	2.706546	1.233987	0.279476	0.434787	UP	216.2281	216.228
4108	M759T20	9.773677	-3.2889	-1.2467	0.279511	0.434792	DOWN	759.3868	759.3862
4109	M478T39	2.657888	1.41028	1.223185	0.279512	0.434792	UP	477.8599	477.8594
4110	M290T11_	2.371513	1.245808	1.16994	0.27961	0.434806	UP	289.6078	289.6071
4111	M538T31_	2.413874	1.27135	1.163863	0.279638	0.434809	UP	538.046	538.0454
4112	M1010T9_	4.928587	2.301174	1.21852	0.279735	0.434822	UP	1010.021	1010.019
4113	M761T10_	5.323505	2.412376	1.22417	0.279756	0.434825	UP	761.0296	761.0293
4114	M383T31_	3.520383	-1.81573	-1.23963	0.279804	0.434832	DOWN	383.2039	383.2032
4115	M860T21	1.945278	0.959976	1.176063	0.28	0.434858	UP	859.5694	859.5673
4116	M527T10	3.062102	1.614522	1.187421	0.280261	0.434894	UP	526.8823	526.8808
4117	M357T10_	9.55475	3.256218	1.242923	0.280336	0.434904	UP	357.0567	357.0565
4118	M464T19	2.032581	1.023313	1.161009	0.280381	0.43491	UP	464.4215	464.421
4119	M683T9	4.403146	2.138535	1.210928	0.280493	0.434925	UP	683.2481	683.2472
4120	M1025T39	3.52871	1.819141	1.21867	0.280527	0.434929	UP	1024.737	1024.737
4121	M659T28	1.965045	0.974563	1.226572	0.280612	0.434941	UP	659.4924	659.491
4122	M537T39	3.55567	1.830122	1.232856	0.280785	0.434964	UP	537.3172	537.3166
4123	M437T32_	2.262752	1.178078	1.199537	0.280995	0.434992	UP	437.3474	437.3471
4124	M602T33	1.505727	-0.59046	-1.18821	0.281054	0.435	DOWN	602.2911	602.291
4125	M287T27	1.857584	0.893428	1.168049	0.281295	0.435033	UP	287.2008	287.2003
4126	M610T11_	3.049256	1.608458	1.190138	0.281389	0.435045	UP	609.7946	609.7839
4127	M1044T9_	12.09388	3.596205	1.239604	0.281397	0.435046	UP	1044.321	1044.32
4128	M484T29_	1.771553	-0.82501	-1.19743	0.281439	0.435052	DOWN	484.3306	484.3301
4129	M432T24	3.294829	-1.7202	-1.22405	0.281502	0.43506	DOWN	432.1836	432.1832
4130	M632T11	2.05394	1.038394	1.155718	0.281599	0.435073	UP	632.0202	632.0186
4131	M440T24	2.104277	1.073325	1.165239	0.281639	0.435078	UP	440.3585	440.3582
4132	M690T34	2.754213	1.46164	1.205545	0.281862	0.435108	UP	689.5247	689.5235
4133	M442T10_	2.509633	1.327476	1.16057	0.282006	0.435128	UP	442.1718	442.1707
4134	M1005T10	2.750803	1.459853	1.171776	0.282013	0.435128	UP	1004.624	1004.623
4135	M760T30	5.325241	2.412847	1.222967	0.282026	0.43513	UP	760.1777	760.1769

4136	M457T27	4.957791	2.309698	1.237821	0.282089	0.435139	UP	457.3062	457.3055
4137	M490T9_3	5.949919	2.57287	1.221559	0.282093	0.435139	UP	490.0377	490.0373
4138	M269T11	1.61557	0.692044	1.156138	0.282109	0.435141	UP	269.1907	269.1902
4139	M639T33_	1.961344	0.971843	1.164627	0.282193	0.435152	UP	639.4482	639.4471
4140	M588T38	2.018866	-1.01355	-1.20225	0.282308	0.435168	DOWN	587.5069	587.5067
4141	M790T10_	3.592853	1.84513	1.200602	0.282407	0.435181	UP	790.4924	790.4913
4142	M327T11	1.846854	0.88507	1.152454	0.282411	0.435181	UP	327.1962	327.195
4143	M491T9_4	3.319764	-1.73108	-1.21965	0.28245	0.435187	DOWN	491.3198	491.3194
4144	M508T34_	2.199949	1.13747	1.174195	0.282514	0.435195	UP	508.3721	508.371
4145	M314T33_	2.362343	1.240219	1.159296	0.282557	0.435201	UP	313.6491	313.6487
4146	M404T44	2.824797	-1.49815	-1.22943	0.282583	0.435204	DOWN	404.3448	404.3444
4147	M657T28	3.050707	1.609144	1.194735	0.282615	0.435208	UP	657.1415	657.1407
4148	M908T30	1.883397	0.913337	1.152123	0.28263	0.435211	UP	907.6778	907.6764
4149	M629T31	2.082852	-1.05856	-1.17668	0.282777	0.43523	DOWN	629.2962	629.2958
4150	M662T33	2.112357	1.078854	1.166222	0.282895	0.435246	UP	661.9628	661.9616
4151	M1668T10	8.621731	3.107977	1.231204	0.282978	0.435257	UP	1668.214	1668.209
4152	M751T23	2.618379	1.388674	1.151292	0.283091	0.435272	UP	750.787	750.7866
4153	M479T11	2.047346	1.033755	1.152123	0.283128	0.435276	UP	479.4039	479.4028
4154	M288T23_	1.701173	0.76653	1.15066	0.283138	0.435278	UP	288.2899	288.2893
4155	M982T39	4.251227	2.087879	1.212372	0.283286	0.435297	UP	981.7137	981.7117
4156	M459T9	3.062679	-1.61479	-1.20353	0.283298	0.435299	DOWN	459.2794	459.2785
4157	M673T9_1	4.100437	2.035778	1.204619	0.283324	0.435303	UP	672.8951	672.8947
4158	M389T34_	2.723802	1.445622	1.23485	0.283335	0.435304	UP	389.2301	389.23
4159	M457T9_7	12.643	3.660267	1.234347	0.283371	0.435309	UP	457.3785	457.3781
4160	M479T41	2.206804	1.141959	1.207207	0.283377	0.43531	UP	479.3942	479.3933
4161	M664T18	2.298855	1.200915	1.150674	0.283393	0.435312	UP	663.9673	663.9663
4162	M770T30	2.269739	1.182526	1.156738	0.283421	0.435315	UP	770.2061	770.2052
4163	M497T41	2.809427	1.490276	1.220854	0.28351	0.435327	UP	497.4242	497.4236
4164	M363T30_	2.370206	1.245013	1.159807	0.283614	0.435341	UP	362.6036	362.6031
4165	M491T9_1	5.701365	2.511307	1.21486	0.283615	0.435341	UP	490.6516	490.6513
4166	M650T10	1.983507	0.988054	1.152488	0.283837	0.43537	UP	650.4864	650.4844
4167	M543T34	1.959036	0.970144	1.155972	0.283841	0.435371	UP	542.882	542.881
4168	M654T9_2	9.358424	3.226266	1.229721	0.2839	0.435378	UP	654.0667	654.066
4169	M655T9_1	9.528054	3.252182	1.229901	0.283941	0.435384	UP	654.5666	654.5658
4170	M433T34_	2.141501	1.098622	1.167197	0.283975	0.435388	UP	432.8165	432.8154
4171	M507T30_	2.067566	-1.04793	-1.16017	0.284058	0.435399	DOWN	507.1693	507.1686
4172	M445T39	2.411118	1.269702	1.22188	0.28408	0.435402	UP	445.1736	445.1735
4173	M850T39	3.377094	1.755782	1.215852	0.284082	0.435402	UP	849.6352	849.6332
4174	M281T16_	5.202296	-2.37915	-1.22589	0.284093	0.435404	DOWN	281.0682	281.068
4175	M791T10_	3.019305	1.594216	1.18026	0.284099	0.435405	UP	790.9941	790.994
4176	M1042T9_	14.68595	3.876365	1.233123	0.284266	0.435427	UP	1042.415	1042.414
4177	M489T9_1	4.47523	2.161962	1.218092	0.284317	0.435433	UP	488.6533	488.6531
4178	M635T11	1.919326	0.9406	1.150895	0.284319	0.435434	UP	635.4761	635.4738
4179	M370T10_	2.702953	1.434536	1.170179	0.284408	0.435445	UP	369.7191	369.7184
4180	M733T10	4.279146	2.097323	1.204342	0.284457	0.435452	UP	733.4325	733.4302
4181	M760T18_	15.44701	-3.94926	-1.2338	0.284465	0.435453	DOWN	760.3899	760.3871
4182	M807T40	4.216895	2.076181	1.222617	0.284688	0.435482	UP	806.6119	806.6113

4183	M844T42_	1.365837	0.449786	1.146539	0.284775	0.435493	UP	844.0867	844.0852
4184	M439T39	1.974155	0.981236	1.222859	0.284794	0.435496	UP	439.1788	439.1786
4185	M350T9_6	8.749923	3.12927	1.226496	0.284799	0.435496	UP	350.081	350.0808
4186	M443T11_	1.974069	0.981172	1.146567	0.284961	0.435518	UP	443.3314	443.3304
4187	M294T13	3.087944	1.626647	1.207707	0.28502	0.435526	UP	294.2431	294.2429
4188	M319T9	3.609774	-1.85191	-1.22025	0.285039	0.435528	DOWN	319.2722	319.272
4189	M621T10_	2.250914	1.170511	1.163704	0.285083	0.435534	UP	620.5118	620.5097
4190	M515T20	2.901668	1.536882	1.160244	0.285112	0.435537	UP	515.1368	515.1367
4191	M366T9_2	9.055505	3.178795	1.225522	0.285297	0.435562	UP	366.4259	366.4258
4192	M695T10_	2.146994	1.102318	1.151935	0.285528	0.435592	UP	694.5321	694.5291
4193	M653T9_4	9.454102	3.24094	1.225177	0.285533	0.435592	UP	653.1758	653.1753
4194	M420T28_	2.27443	1.185505	1.161787	0.2856	0.435601	UP	420.1317	420.1314
4195	M1758T10	2.965805	1.568424	1.155194	0.285619	0.435604	UP	1758.104	1758.102
4196	M289T29_	2.058868	1.041851	1.144659	0.285693	0.435613	UP	288.6336	288.6332
4197	M525T11	2.321795	1.215241	1.166271	0.285697	0.435614	UP	525.184	525.1826
4198	M759T18_	13.53562	-3.75869	-1.22998	0.285703	0.435614	DOWN	759.3865	759.3852
4199	M606T44	1.339968	0.422199	1.151742	0.286029	0.435657	UP	606.4383	606.4381
4200	M350T10_	9.32244	3.220708	1.22321	0.286032	0.435657	UP	349.9068	349.9064
4201	M1121T9	5.544266	2.470996	1.211486	0.286122	0.435669	UP	1120.681	1120.676
4202	M704T9_2	8.275571	3.048859	1.22177	0.286145	0.435672	UP	704.3549	704.3549
4203	M806T40	3.551544	1.828447	1.215494	0.286156	0.435673	UP	805.6087	805.6072
4204	M460T29	2.384866	1.253908	1.149036	0.286201	0.435679	UP	459.526	459.5256
4205	M456T39	3.214929	1.684787	1.203924	0.286213	0.435681	UP	455.8474	455.8468
4206	M431T21_	1.914352	0.936856	1.146264	0.286309	0.435693	UP	431.2912	431.2908
4207	M1044T9_	12.328	3.623867	1.224656	0.286525	0.435721	UP	1043.82	1043.82
4208	M374T32_	2.330599	1.220701	1.143584	0.286532	0.435722	UP	374.1345	374.134
4209	M348T29	1.627441	0.702605	1.199825	0.28658	0.435728	UP	348.2254	348.2253
4210	M710T9_1	10.75817	3.427361	1.22317	0.286617	0.435733	UP	709.6083	709.6077
4211	M344T17	2.020032	1.014378	1.141883	0.286655	0.435738	UP	343.5766	343.5757
4212	M216T10_	7.065306	2.820752	1.216461	0.286672	0.43574	UP	216.0485	216.0481
4213	M687T9	4.153559	2.054348	1.187158	0.28681	0.435758	UP	686.7671	686.7658
4214	M308T28_	2.36682	-1.24295	-1.21044	0.286895	0.435769	DOWN	308.2069	308.2068
4215	M598T38	1.751732	0.808782	1.140915	0.286906	0.435771	UP	598.4528	598.4519
4216	M1657T10	8.666495	3.115449	1.219302	0.287151	0.435802	UP	1656.718	1656.717
4217	M332T9_3	3.1511	1.655856	1.215302	0.287413	0.435836	UP	331.8309	331.8306
4218	M379T28	5.114345	2.354549	1.199292	0.287446	0.43584	UP	378.5347	378.5346
4219	M378T9_2	4.729191	2.241593	1.216247	0.287563	0.435855	UP	378.2399	378.2395
4220	M489T10	3.059995	1.613529	1.20757	0.287606	0.435861	UP	489.2536	489.2526
4221	M407T18_	1.821377	0.86503	1.14539	0.287644	0.435866	UP	407.2908	407.2906
4222	M332T26	2.185584	1.128019	1.142724	0.287714	0.435875	UP	332.0935	332.0933
4223	M479T20	1.823789	0.866939	1.144384	0.28774	0.435878	UP	479.4039	479.4026
4224	M610T10_	12.08054	3.594614	1.220305	0.287956	0.435906	UP	609.9893	609.989
4225	M510T43_	1.180652	0.239584	1.138366	0.287957	0.435906	UP	510.033	510.032
4226	M709T10_	1.859118	0.894619	1.138886	0.287979	0.435909	UP	708.5114	708.5088
4227	M283T29_	1.565007	-0.64617	-1.13915	0.28798	0.435909	DOWN	283.1186	283.1183
4228	M685T20	1.926111	0.945691	1.145073	0.28803	0.435915	UP	685.3495	685.3492
4229	M305T33_	3.083907	-1.62476	-1.21687	0.288042	0.435917	DOWN	305.2391	305.239

4230	M391T32	1.45928	-0.54526	-1.17351	0.288094	0.435923	DOWN	391.1088	391.1082
4231	M994T31	5.570587	-2.47783	-1.21003	0.288187	0.435935	DOWN	993.6794	993.6778
4232	M660T28_	2.001468	1.001058	1.214018	0.288283	0.435948	UP	659.9941	659.9929
4233	M599T38	1.823732	0.866894	1.138496	0.288343	0.435955	UP	599.4562	599.4557
4234	M658T10_	3.472069	1.795796	1.194515	0.288579	0.435985	UP	658.4129	658.412
4235	M350T9_2	7.040868	2.815753	1.216811	0.28865	0.435995	UP	349.7111	349.7106
4236	M756T11	3.365344	1.750754	1.17874	0.288712	0.436003	UP	756.4885	756.4877
4237	M761T40	3.721366	1.895832	1.213155	0.288723	0.436004	UP	760.5789	760.5775
4238	M551T9_1	2.849058	-1.51049	-1.20617	0.288746	0.436007	DOWN	551.2336	551.2325
4239	M602T11	1.841328	0.880747	1.139018	0.288758	0.436008	UP	602.3754	602.3734
4240	M782T31	455.6957	8.831927	1.221658	0.28891	0.436028	UP	782.2664	782.266
4241	M1986T10	5.788138	2.533099	1.216244	0.289055	0.436046	UP	1986.066	1986.061
4242	M442T12	1.95622	0.968068	1.139679	0.289065	0.436048	UP	442.3379	442.337
4243	M686T9_3	4.362811	2.125258	1.185854	0.289095	0.436051	UP	686.2871	686.2856
4244	M540T30	3.756025	1.909207	1.183455	0.289114	0.436054	UP	540.1786	540.178
4245	M378T10_	3.693866	1.885132	1.188142	0.289141	0.436057	UP	377.7363	377.7359
4246	M217T10_	9.199481	3.201553	1.214995	0.289182	0.436062	UP	216.5	216.4999
4247	M316T10	4.055777	2.019978	1.188415	0.289331	0.436081	UP	316.1646	316.1645
4248	M434T39	2.894988	1.533557	1.212948	0.289343	0.436083	UP	433.8339	433.8333
4249	M439T10_	2.489964	1.316125	1.153744	0.289378	0.436087	UP	439.1738	439.1719
4250	M363T11_	1.779544	0.831508	1.134655	0.289389	0.436089	UP	363.0912	363.0845
4251	M638T10	2.944272	1.557911	1.159396	0.289467	0.436099	UP	637.5099	637.5093
4252	M1120T9	4.996867	2.321024	1.197394	0.289508	0.436104	UP	1119.677	1119.674
4253	M253T13_	1.911889	0.934999	1.134327	0.289525	0.436106	UP	253.4105	253.4103
4254	M981T41	3.133082	-1.64758	-1.19528	0.289552	0.43611	DOWN	980.5248	980.5233
4255	M476T9_5	10.05447	3.329766	1.215056	0.289554	0.43611	UP	476.4107	476.4102
4256	M648T34	3.18745	1.672403	1.211542	0.289702	0.436129	UP	647.5034	647.5025
4257	M1123T9	6.037598	2.593975	1.208264	0.289732	0.436132	UP	1122.683	1122.68
4258	M498T30_	2.6795	1.421964	1.185802	0.28977	0.436137	UP	498.3943	498.3938
4259	M386T24_	2.086209	1.060884	1.153998	0.289807	0.436142	UP	386.3413	386.3407
4260	M824T11	4.028143	2.010115	1.208862	0.289824	0.436144	UP	824.3434	824.342
4261	M731T9_3	3.643581	1.865357	1.176781	0.289874	0.43615	UP	731.3797	731.3788
4262	M357T10_	8.36104	3.063682	1.214317	0.289881	0.436151	UP	356.6757	356.6754
4263	M187T22	2.121791	1.085282	1.199432	0.290156	0.436186	UP	187.0417	187.0416
4264	M894T39	3.077789	1.621895	1.190409	0.29025	0.436198	UP	893.6613	893.6596
4265	M327T27_	1.777241	-0.82964	-1.17386	0.290291	0.436203	DOWN	327.3008	327.3005
4266	M416T25_	2.587021	-1.37129	-1.19288	0.290343	0.43621	DOWN	416.2147	416.2144
4267	M358T9_3	8.45629	3.080025	1.209767	0.290444	0.436222	UP	357.898	357.8978
4268	M468T11	3.44131	1.782958	1.169487	0.290467	0.436225	UP	468.1916	468.1911
4269	M301T30	2.558838	-1.35549	-1.19609	0.290517	0.436232	DOWN	301.1412	301.1407
4270	M423T20	1.883455	0.913382	1.14308	0.290524	0.436233	UP	423.2799	423.2788
4271	M467T17_	2.922497	1.547201	1.156414	0.290527	0.436233	UP	467.1678	467.167
4272	M573T34	1.993756	0.995489	1.144264	0.290589	0.436241	UP	573.408	573.4073
4273	M1981T9	4.518628	2.175885	1.205223	0.290637	0.436247	UP	1981.072	1981.066
4274	M428T11_	1.881315	0.911741	1.131252	0.29072	0.436257	UP	427.8061	427.8058
4275	M443T43	1.492071	0.577316	1.137178	0.290738	0.43626	UP	443.3154	443.3152
4276	M839T11_	2.37224	1.24625	1.134027	0.290757	0.436262	UP	839.3706	839.3684

4277	M1765T9	9.182275	3.198852	1.209025	0.290858	0.436275	UP	1765.27	1765.269
4278	M573T31	1.914187	-0.93673	-1.15876	0.290932	0.436284	DOWN	573.3379	573.3377
4279	M682T29	1.931689	0.949863	1.140481	0.290941	0.436285	UP	682.1747	682.1736
4280	M377T13_	29.96502	-4.90521	-1.2153	0.291051	0.436299	DOWN	377.2156	377.2149
4281	M1007T9	5.852442	2.549039	1.197363	0.291233	0.436322	UP	1006.874	1006.872
4282	M499T18_	1.849973	0.887504	1.131367	0.291301	0.436331	UP	499.2362	499.2361
4283	M295T21_	1.867649	0.901223	1.130687	0.291368	0.436339	UP	295.0268	295.0267
4284	M520T22_	3.212943	-1.6839	-1.20164	0.291381	0.436341	DOWN	520.1344	520.1333
4285	M331T10_	7.265889	2.861139	1.20796	0.291461	0.436351	UP	331.1691	331.1688
4286	M396T21_	2.011545	1.008304	1.141459	0.291508	0.436356	UP	395.7648	395.7647
4287	M716T34	2.393505	1.259125	1.156647	0.291674	0.436377	UP	715.5213	715.5199
4288	M651T23	2.339968	1.226489	1.130383	0.291707	0.436381	UP	650.8614	650.861
4289	M478T20	1.821734	0.865312	1.13606	0.291711	0.436382	UP	478.4004	478.3993
4290	M471T16	1.879671	0.91048	1.133673	0.291738	0.436385	UP	471.3781	471.3778
4291	M404T22_	2.200682	1.137951	1.137545	0.291797	0.436393	UP	404.1159	404.1157
4292	M515T10	3.376432	1.7555	1.182019	0.291798	0.436393	UP	515.2057	515.2052
4293	M560T32_	2.330305	1.220519	1.139622	0.291872	0.436402	UP	559.9967	559.9964
4294	M473T35_	1.638748	0.712594	1.132052	0.291877	0.436403	UP	473.4028	473.4027
4295	M1086T9	5.727247	2.517842	1.191773	0.292105	0.436431	UP	1085.915	1085.914
4296	M350T10_	4.046634	2.016722	1.205979	0.292172	0.43644	UP	350.2332	350.2267
4297	M546T28	6.333318	-2.66296	-1.20966	0.292228	0.436447	DOWN	546.3847	546.3844
4298	M452T30_	2.684296	1.424544	1.130489	0.292254	0.43645	UP	451.717	451.7167
4299	M1004T9	5.142582	2.362493	1.187997	0.292363	0.436463	UP	1004.127	1004.126
4300	M364T22	2.826015	1.498769	1.154797	0.292402	0.436468	UP	363.9903	363.9873
4301	M512T30	3.025906	1.597367	1.189411	0.292469	0.436477	UP	512.4099	512.4094
4302	M697T9_1	2.151382	1.105264	1.142669	0.292532	0.436485	UP	696.5116	696.5094
4303	M674T10_	4.436608	2.149457	1.176542	0.292613	0.436495	UP	673.8263	673.8259
4304	M331T9_4	8.734741	3.126765	1.202993	0.29263	0.436497	UP	330.848	330.8477
4305	M390T32	1.416155	-0.50198	-1.1886	0.292675	0.436502	DOWN	390.1112	390.1105
4306	M634T9_1	4.074286	2.026547	1.170891	0.292756	0.436512	UP	633.8339	633.833
4307	M1661T10	7.194613	2.846917	1.200497	0.292766	0.436514	UP	1660.538	1660.536
4308	M1085T9	5.1742	2.371336	1.184383	0.292939	0.436535	UP	1084.952	1084.95
4309	M473T23_	1.89108	0.91921	1.129304	0.292939	0.436535	UP	473.2775	473.2768
4310	M489T9_5	5.676626	2.505034	1.1895	0.292956	0.436537	UP	489.4248	489.4248
4311	M1008T9	5.260228	2.395125	1.191034	0.29297	0.436539	UP	1007.734	1007.732
4312	M602T29	1.950328	-0.96372	-1.1618	0.29302	0.436545	DOWN	602.2557	602.2546
4313	M819T40	1.153962	0.206596	1.128647	0.29305	0.436549	UP	818.5848	818.584
4314	M330T30_	2.011722	1.008431	1.148076	0.293113	0.436557	UP	330.1701	330.1697
4315	M1009T9	5.688469	2.50804	1.188304	0.293349	0.436586	UP	1008.683	1008.68
4316	M1581T9	3.773302	1.915828	1.163087	0.293379	0.43659	UP	1581.487	1581.484
4317	M704T10_	3.680755	1.880002	1.183524	0.293397	0.436592	UP	703.6007	703.599
4318	M346T11_	1.781376	0.832992	1.124494	0.293438	0.436597	UP	346.2099	346.2098
4319	M350T9_1	7.480354	2.903107	1.19961	0.293439	0.436597	UP	349.5369	349.5366
4320	M360T10_	4.421077	2.144398	1.183957	0.293469	0.436601	UP	360.3824	360.3818
4321	M309T26_	2.079542	1.056266	1.138946	0.293863	0.43665	UP	309.1264	309.1257
4322	M490T9_2	5.712041	2.514006	1.187689	0.293985	0.436665	UP	489.8773	489.8768
4323	M426T22	2.592174	-1.37416	-1.17979	0.294016	0.436669	DOWN	426.2309	426.2305

4324	M1762T10	10.80028	3.432996	1.20188	0.294042	0.436672	UP	1761.976	1761.974
4325	M684T9_1	4.134785	2.047812	1.174698	0.294169	0.436688	UP	683.725	683.7236
4326	M347T28	2.108931	1.076512	1.122597	0.294416	0.436718	UP	347.1519	347.1514
4327	M457T30	2.038342	-1.0274	-1.13834	0.294499	0.436728	DOWN	457.3035	457.303
4328	M385T23_	2.601157	-1.37915	-1.12956	0.294532	0.436732	DOWN	385.261	385.2522
4329	M554T38	1.759803	0.815414	1.121796	0.294576	0.436738	UP	554.4263	554.4252
4330	M495T19	11.11716	-3.47472	-1.20405	0.294667	0.436749	DOWN	495.0873	495.087
4331	M360T9_2	3.657856	1.870998	1.164302	0.294758	0.43676	UP	359.996	359.9951
4332	M289T23_	1.738349	0.797718	1.121583	0.2949	0.436778	UP	289.2932	289.2926
4333	M675T38	1.932515	0.95048	1.15098	0.294968	0.436786	UP	675.4772	675.4769
4334	M740T9	3.475566	1.797248	1.164717	0.294991	0.436789	UP	740.4653	740.464
4335	M1766T10	10.59024	3.404663	1.198397	0.295126	0.436805	UP	1766.165	1766.163
4336	M1122T9	4.660723	2.220554	1.177968	0.295145	0.436808	UP	1121.681	1121.68
4337	M401T22_	2.101881	1.071681	1.121026	0.295217	0.436817	UP	401.0183	401.0178
4338	M501T36	1.757445	-0.81348	-1.15935	0.29522	0.436817	DOWN	501.3398	501.3394
4339	M302T31_	1.878898	0.909886	1.126566	0.295477	0.436848	UP	301.6421	301.6408
4340	M216T10_	8.11524	3.020634	1.195604	0.295525	0.436854	UP	216.0949	216.0949
4341	M388T10_	1.698316	0.764105	1.118415	0.295846	0.436893	UP	388.253	388.2513
4342	M291T12	2.755002	1.462053	1.131232	0.29601	0.436913	UP	291.0892	291.0887
4343	M513T30	2.982284	1.576418	1.178864	0.296013	0.436914	UP	513.4133	513.4126
4344	M365T11_	1.742043	0.80078	1.12451	0.296178	0.436934	UP	364.8291	364.828
4345	M432T9_1	3.319425	-1.73093	-1.17214	0.2962	0.436937	DOWN	432.2804	432.28
4346	M374T35	16.4308	-4.03833	-1.19885	0.296466	0.436969	DOWN	374.3624	374.3623
4347	M883T9	5.480881	-2.45441	-1.18806	0.296582	0.436983	DOWN	882.5692	882.5682
4348	M340T12_	8.065581	3.011778	1.198566	0.296599	0.436985	UP	340.1559	340.1556
4349	M923T44_	1.71204	0.775717	1.175799	0.296601	0.436985	UP	922.5891	922.587
4350	M1767T10	9.238658	3.207683	1.192169	0.296824	0.437013	UP	1767.251	1767.249
4351	M358T9_5	4.022741	2.008179	1.161003	0.296858	0.437017	UP	358.0901	358.0896
4352	M318T18_	3.10481	1.634505	1.137854	0.296895	0.437021	UP	318.1493	318.1486
4353	M325T27_	1.919871	0.941009	1.117166	0.29695	0.437028	UP	324.5881	324.5876
4354	M393T32	2.127201	1.088956	1.127733	0.297039	0.437039	UP	393.3212	393.3201
4355	M258T28	5.271279	2.398153	1.197362	0.297104	0.437047	UP	258.2793	258.2789
4356	M753T29	2.216378	-1.1482	-1.15029	0.297192	0.437057	DOWN	753.1876	753.1864
4357	M1088T9	5.755514	2.524945	1.178807	0.297224	0.437061	UP	1087.941	1087.94
4358	M458T9_2	5.898048	2.560237	1.181255	0.297322	0.437073	UP	457.7866	457.7865
4359	M633T11	1.958795	0.969967	1.116867	0.297333	0.437074	UP	633.0345	633.0344
4360	M680T17	2.778023	-1.47406	-1.19319	0.29738	0.43708	DOWN	679.5123	679.5108
4361	M266T9_1	2.525252	-1.33643	-1.13034	0.297383	0.43708	DOWN	265.8856	265.8854
4362	M691T34	2.954011	1.562675	1.168249	0.297649	0.437112	UP	690.5275	690.5264
4363	M229T10_	8.862904	3.147779	1.189313	0.297706	0.437119	UP	229.3314	229.3313
4364	M641T12	2.01169	1.008408	1.120565	0.298055	0.437161	UP	641.4494	641.449
4365	M1736T9	4.494287	2.168092	1.164229	0.298084	0.437165	UP	1736.391	1736.388
4366	M340T10_	3.430777	1.778535	1.181159	0.298089	0.437166	UP	339.6976	339.697
4367	M1006T9_	5.409563	2.435512	1.173217	0.298122	0.43717	UP	1005.929	1005.926
4368	M388T10_	5.501213	2.45975	1.189253	0.29827	0.437187	UP	387.6816	387.6809
4369	M499T10	3.01048	1.589994	1.153978	0.298273	0.437188	UP	499.1944	499.1935
4370	M368T10_	9.377662	3.229228	1.189014	0.298289	0.43719	UP	368.0173	368.0165

4371	M380T10	170.8831	7.416866	1.193786	0.298519	0.437217	UP	380.1977	380.1976
4372	M676T9_2	4.721201	2.239154	1.166832	0.29856	0.437222	UP	675.8087	675.8084
4373	M340T10_	4.697096	2.231769	1.184544	0.298663	0.437235	UP	340.4063	340.4056
4374	M730T9_1	5.082494	2.345537	1.169575	0.298747	0.437245	UP	729.7264	729.726
4375	M502T21	4.992073	2.319639	1.192838	0.298758	0.437246	UP	502.3068	502.3065
4376	M379T10_	7.046639	2.816935	1.184186	0.298794	0.43725	UP	378.5676	378.5673
4377	M781T21	2.299173	1.201115	1.112459	0.298806	0.437252	UP	780.9281	780.9263
4378	M1861T10	4.463991	2.158334	1.162141	0.298826	0.437254	UP	1860.829	1860.829
4379	M533T30_	1.169871	0.22635	1.115705	0.298856	0.437258	UP	533.3878	533.387
4380	M450T38	354.605	8.470069	1.192645	0.298919	0.437265	UP	450.1227	450.1226
4381	M717T40	3.998864	1.99959	1.18642	0.298948	0.437269	UP	716.5525	716.5513
4382	M482T31	3.524941	1.817599	1.17208	0.298977	0.437272	UP	482.3994	482.3988
4383	M315T30_	1.778045	0.830292	1.139163	0.29904	0.43728	UP	315.1506	315.1501
4384	M414T10_	2.606897	1.382334	1.135959	0.299045	0.43728	UP	413.7977	413.7895
4385	M179T16_	2.76722	1.468437	1.14849	0.29915	0.437293	UP	178.9462	178.9461
4386	M653T9_2	13.85409	3.79224	1.189002	0.299255	0.437305	UP	652.7315	652.7314
4387	M453T41_	2.284399	1.191815	1.161686	0.299389	0.437321	UP	453.398	453.3978
4388	M350T33	1.825422	0.86823	1.173522	0.299451	0.437329	UP	350.2409	350.2409
4389	M382T19_	2.054981	1.039125	1.110306	0.299522	0.437337	UP	381.9215	381.9209
4390	M801T20	16.46914	-4.04169	-1.18991	0.29955	0.437341	DOWN	801.4084	801.4079
4391	M519T11_	1.985354	0.989396	1.117669	0.29979	0.437369	UP	519.391	519.3901
4392	M615T10_	5.419538	2.43817	1.170494	0.299802	0.437371	UP	615.4177	615.4171
4393	M253T28	1.554765	-0.6367	-1.15016	0.299897	0.437382	DOWN	253.1071	253.1068
4394	M216T10_	6.747867	2.754432	1.17893	0.299947	0.437388	UP	216.302	216.302
4395	M762T40	4.060466	2.021645	1.182836	0.299979	0.437392	UP	761.5824	761.5808
4396	M357T10_	8.64463	3.111804	1.182204	0.300119	0.437408	UP	357.0346	357.0286
4397	M597T22	3.018195	-1.59369	-1.17853	0.300138	0.437411	DOWN	597.0435	597.0422
4398	M245T25	2.706549	1.436455	1.158392	0.300208	0.437419	UP	245.1514	245.1513
4399	M765T34	4.738085	2.244304	1.177655	0.300221	0.437421	UP	764.538	764.5379
4400	M1107T28	1.911049	0.934365	1.166356	0.300223	0.437421	UP	1106.783	1106.782
4401	M612T10_	6.088674	2.606128	1.1736	0.300339	0.437435	UP	612.1336	612.1335
4402	M1042T9_	16.5448	4.048306	1.186135	0.300507	0.437455	UP	1041.916	1041.916
4403	M585T10	2.093303	1.065781	1.123288	0.300525	0.437457	UP	585.4015	585.4005
4404	M347T13_	1.622475	0.698196	1.106982	0.300681	0.437475	UP	347.222	347.2214
4405	M600T31_	1.90645	0.930888	1.107863	0.300688	0.437476	UP	600.275	600.2743
4406	M304T2	2.206114	-1.14151	-1.16412	0.300691	0.437476	DOWN	303.8833	303.8831
4407	M357T10_	10.62685	3.409643	1.182783	0.300796	0.437489	UP	357.4165	357.4163
4408	M660T9_3	3.512958	1.812686	1.150295	0.300971	0.43751	UP	660.4629	660.4612
4409	M655T9_3	7.127979	2.833493	1.175667	0.301007	0.437514	UP	655.0135	655.0127
4410	M319T31_	289.7102	8.178467	1.186043	0.301242	0.437542	UP	319.2442	319.2406
4411	M379T31_	1.749135	0.806642	1.158366	0.301444	0.437566	UP	378.9422	378.942
4412	M263T14	3.871583	1.952923	1.154064	0.301448	0.437566	UP	263.0401	263.0399
4413	M725T11_	1.882818	0.912893	1.10442	0.301613	0.437585	UP	725.4278	725.4252
4414	M1674T10	9.583594	3.260567	1.179767	0.301641	0.437589	UP	1674.054	1674.053
4415	M541T40	3.153449	1.65693	1.176646	0.301649	0.43759	UP	541.4505	541.4494
4416	M522T22	3.120937	-1.64198	-1.175	0.301652	0.43759	DOWN	522.1312	522.13
4417	M490T9_4	5.192234	2.376355	1.164695	0.301876	0.437616	UP	490.1986	490.1981

4418	M563T29	4.025557	-2.00919	-1.17097	0.301945	0.437624	DOWN	563.3131	563.3125
4419	M633T10_	3.268924	1.708816	1.131454	0.301958	0.437626	UP	632.6605	632.6601
4420	M837T11_	2.272513	-1.18429	-1.1595	0.301967	0.437627	DOWN	837.3422	837.3402
4421	M756T10_	7.013244	2.810082	1.173324	0.301999	0.437631	UP	755.8207	755.8202
4422	M447T28_	1.953659	0.966178	1.103355	0.302034	0.437635	UP	447.0766	447.0764
4423	M613T10_	7.558756	2.918149	1.175415	0.302056	0.437638	UP	612.906	612.9046
4424	M230T10_	9.117827	3.18869	1.177539	0.30206	0.437638	UP	229.7246	229.7245
4425	M419T13	11.25792	-3.49287	-1.18306	0.302094	0.437642	DOWN	419.218	419.2172
4426	M613T10_	7.265134	2.860989	1.173553	0.302102	0.437643	UP	613.1221	613.1216
4427	M400T22_	1.99727	0.998029	1.106603	0.302124	0.437646	UP	400.0147	400.0133
4428	M752T29_	1.925034	-0.94488	-1.13441	0.302137	0.437647	DOWN	752.184	752.1829
4429	M676T10_	1.833155	0.874329	1.102946	0.302144	0.437648	UP	676.4135	676.4113
4430	M677T10_	6.261724	2.64656	1.174025	0.302145	0.437648	UP	677.255	677.2547
4431	M759T10_	6.255126	2.645039	1.171154	0.302254	0.437661	UP	758.9673	758.9665
4432	M218T26	1.71313	0.776635	1.103842	0.302276	0.437663	UP	218.0902	218.0897
4433	M233T28	2.119861	1.08397	1.114125	0.302366	0.437674	UP	233.0262	233.0259
4434	M325T28_	1.906271	0.930754	1.10557	0.302389	0.437677	UP	324.588	324.5878
4435	M684T9_2	4.035263	2.012663	1.148017	0.3024	0.437678	UP	684.2007	684.1997
4436	M378T10_	11.42101	3.513619	1.178891	0.302521	0.437692	UP	377.9551	377.9551
4437	M1961T9	4.306918	2.106656	1.171499	0.302543	0.437695	UP	1961.282	1961.278
4438	M726T11	1.876853	0.908316	1.102158	0.302577	0.437699	UP	726.4311	726.4286
4439	M644T34	2.725541	1.446543	1.15071	0.302696	0.437713	UP	644.4948	644.4936
4440	M281T9_1	8.584163	3.101678	1.177865	0.302721	0.437716	UP	281.2388	281.2385
4441	M525T32_	4.799622	2.262921	1.173495	0.302772	0.437722	UP	525.3997	525.3993
4442	M378T9_3	9.302272	3.217583	1.175792	0.302916	0.437738	UP	378.3712	378.3709
4443	M598T30_	1.661289	-0.7323	-1.10127	0.302916	0.437738	DOWN	598.3179	598.3159
4444	M1107T11	1.960654	0.971335	1.102585	0.302982	0.437746	UP	1106.673	1106.67
4445	M1742T9	4.069962	2.025015	1.144753	0.303084	0.437758	UP	1741.551	1741.549
4446	M364T13	2.626852	1.393335	1.107954	0.3031	0.43776	UP	363.9263	363.9263
4447	M391T18	1.670691	0.740445	1.101079	0.303126	0.437763	UP	391.0572	391.0565
4448	M612T10_	7.790018	2.961627	1.17292	0.303303	0.437784	UP	612.2644	612.2638
4449	M331T10_	6.155799	2.621946	1.166419	0.303324	0.437786	UP	331.4895	331.4891
4450	M1663T10	6.202593	2.632872	1.166106	0.303462	0.437802	UP	1663.376	1663.373
4451	M270T28_	3.130197	-1.64625	-1.1669	0.303505	0.437807	DOWN	270.212	270.2118
4452	M405T14	1.660946	0.732005	1.099622	0.303524	0.437809	UP	405.2273	405.2267
4453	M584T40	3.388907	1.76082	1.172577	0.30359	0.437817	UP	584.4735	584.472
4454	M761T10_	5.568091	2.477183	1.165789	0.303631	0.437822	UP	761.3366	761.336
4455	M342T9_3	3.612769	1.853105	1.131975	0.303683	0.437828	UP	341.9399	341.9393
4456	M673T40	4.032512	2.011679	1.174278	0.303709	0.437831	UP	672.5262	672.5248
4457	M242T10	2.019786	1.014202	1.100869	0.303723	0.437832	UP	242.1753	242.1745
4458	M350T9_5	5.667228	2.502643	1.162725	0.303812	0.437843	UP	350.0588	350.0587
4459	M396T18_	1.680439	0.748838	1.099222	0.303838	0.437846	UP	395.5849	395.5843
4460	M718T40	4.197238	2.06944	1.173545	0.303934	0.437857	UP	717.5559	717.5548
4461	M251T11_	4.248323	2.086894	1.15642	0.30414	0.437881	UP	251.0251	251.0247
4462	M443T33_	2.569657	1.361576	1.162401	0.304159	0.437883	UP	443.1494	443.1493
4463	M614T10_	8.37767	3.066549	1.170628	0.304213	0.437889	UP	613.85	613.8484
4464	M483T44_	1.158055	0.211703	1.106563	0.304233	0.437892	UP	483.3622	483.3614

4465	M490T26_	2.307501	1.206331	1.11554	0.304243	0.437893	UP	490.1763	490.176
4466	M459T10	2.548818	1.349828	1.11588	0.304307	0.4379	UP	459.1802	459.1795
4467	M588T39	1.854312	0.890884	1.111097	0.304315	0.437901	UP	587.9259	587.9257
4468	M288T9	2.248594	1.169023	1.145571	0.304486	0.437921	UP	287.9783	287.9748
4469	M217T22	1.923857	0.944002	1.109385	0.304494	0.437922	UP	217.016	217.0153
4470	M327T31_	2.175483	1.121336	1.134607	0.304706	0.437947	UP	326.5957	326.5956
4471	M370T12	1.672687	0.742168	1.096944	0.304722	0.437948	UP	370.2591	370.2586
4472	M350T10_	8.00913	3.001645	1.168901	0.304906	0.43797	UP	349.7322	349.7319
4473	M609T21	2.868879	-1.52049	-1.1524	0.304943	0.437974	DOWN	609.1057	609.1044
4474	M455T34_	2.008881	1.006392	1.108321	0.3052	0.438004	UP	454.8295	454.8287
4475	M272T27	2.428101	1.279828	1.14458	0.305213	0.438005	UP	272.2949	272.2946
4476	M318T26	1.540052	0.622979	1.096186	0.305335	0.438019	UP	318.3005	318.3001
4477	M674T9	4.531918	2.180122	1.14678	0.305399	0.438027	UP	673.8828	673.8822
4478	M598T29	1.846633	0.884897	1.097782	0.305405	0.438027	UP	598.2594	598.2583
4479	M439T30	47.25942	5.56253	1.173946	0.305536	0.438042	UP	439.1341	439.1336
4480	M1745T10	4.037385	2.013421	1.137295	0.305819	0.438075	UP	1745.477	1745.476
4481	M408T24	2.016191	1.011632	1.098613	0.305844	0.438078	UP	408.147	408.1461
4482	M454T20	2.255669	1.173556	1.093872	0.305861	0.43808	UP	454.0249	454.0247
4483	M410T10_	2.090578	1.063902	1.10372	0.30589	0.438083	UP	410.3382	410.3365
4484	M374T21	2.122401	1.085697	1.106972	0.305898	0.438084	UP	373.7715	373.7706
4485	M367T9_1	7.245659	2.857117	1.163902	0.305944	0.438089	UP	366.8228	366.8222
4486	M442T22_	2.051303	1.036541	1.095106	0.30603	0.438099	UP	442.045	442.0444
4487	M235T27	1.532964	0.616324	1.094629	0.306069	0.438104	UP	235.1695	235.1692
4488	M555T30	2.235081	-1.16033	-1.13643	0.306239	0.438123	DOWN	555.2911	555.2909
4489	M681T10_	3.155785	1.657999	1.152614	0.306255	0.438125	UP	680.9289	680.9275
4490	M724T10	3.712046	1.892215	1.143594	0.306286	0.438128	UP	724.4522	724.4521
4491	M341T35_	1.661474	0.732463	1.098686	0.306294	0.438129	UP	341.3245	341.3237
4492	M260T10	1.85883	0.894395	1.094068	0.306311	0.438131	UP	260.2052	260.2044
4493	M336T28_	1.713342	0.776813	1.119769	0.306398	0.438141	UP	336.311	336.3107
4494	M686T9_2	4.415415	2.142549	1.142635	0.306446	0.438147	UP	686.2292	686.2278
4495	M489T9_2	4.719829	2.238735	1.146286	0.306552	0.438159	UP	488.8131	488.8129
4496	M339T10_	3.554194	1.829523	1.12455	0.306564	0.43816	UP	338.594	338.5938
4497	M254T18	2.265191	1.179632	1.118464	0.306697	0.438176	UP	254.2482	254.2477
4498	M484T10	1.93821	0.954725	1.097334	0.306699	0.438176	UP	484.3385	484.3371
4499	M486T9_1	2.883747	1.527945	1.125735	0.306717	0.438178	UP	486.2038	486.2037
4500	M1568T10	7.077474	2.823235	1.158997	0.306884	0.438197	UP	1568.359	1568.359
4501	M349T27_	1.943744	0.958838	1.091777	0.306891	0.438198	UP	348.5879	348.5877
4502	M425T39	2.790109	1.480322	1.16276	0.307136	0.438226	UP	425.1539	425.1536
4503	M623T43	1.161783	0.216341	1.10253	0.307237	0.438237	UP	623.4529	623.4519
4504	M312T12	1.898106	0.92456	1.091077	0.307324	0.438247	UP	312.181	312.1805
4505	M669T41	1.958412	-0.96968	-1.11161	0.307383	0.438254	DOWN	669.3502	669.3502
4506	M692T34	2.713345	1.440073	1.147035	0.307499	0.438267	UP	691.5302	691.5295
4507	M342T10_	1.740933	0.799861	1.089885	0.307501	0.438267	UP	342.2754	342.2745
4508	M257T22	2.076837	-1.05439	-1.13351	0.307519	0.438269	DOWN	257.0882	257.0876
4509	M645T34	2.850544	1.511237	1.141139	0.307557	0.438274	UP	645.4982	645.4971
4510	M349T9_5	8.630179	3.10939	1.16277	0.307619	0.438281	UP	349.3626	349.3625
4511	M729T9_2	4.50485	2.171479	1.140392	0.307731	0.438293	UP	728.675	728.6743

4512	M1764T10	9.649301	3.270424	1.161964	0.307848	0.438307	UP	1764.187	1764.184
4513	M465T9_1	4.931055	2.301896	1.144849	0.307924	0.438315	UP	464.7705	464.7698
4514	M696T9_2	2.625311	1.392488	1.123091	0.307989	0.438323	UP	696.4386	696.4369
4515	M269T28_	2.87552	-1.52382	-1.15477	0.308054	0.43833	DOWN	269.2088	269.2083
4516	M512T45	1.311429	-0.39114	-1.13794	0.308134	0.438339	DOWN	512.2693	512.2692
4517	M574T31	1.742262	0.800962	1.088809	0.30816	0.438342	UP	574.3375	574.3364
4518	M689T22	2.179566	1.124041	1.088775	0.308338	0.438362	UP	688.9744	688.9734
4519	M614T10_	10.90661	3.447131	1.162417	0.308383	0.438367	UP	613.9814	613.9805
4520	M198T22	2.819152	-1.49526	-1.15607	0.308521	0.438383	DOWN	198.1854	198.1849
4521	M268T26	2.062894	1.04467	1.105019	0.308527	0.438384	UP	268.0997	268.0991
4522	M203T10	3.645751	1.866216	1.154683	0.308583	0.43839	UP	203.3941	203.3937
4523	M675T9_1	4.433757	2.14853	1.137793	0.308702	0.438403	UP	674.8165	674.8161
4524	M680T28	2.488371	1.315202	1.112391	0.30882	0.438417	UP	680.1377	680.1372
4525	M506T16	1.672977	0.742417	1.089061	0.308938	0.43843	UP	506.3953	506.3944
4526	M535T29_	2.543085	1.34658	1.099042	0.309003	0.438437	UP	535.0593	535.0592
4527	M671T34	2.424749	1.277835	1.121924	0.309011	0.438438	UP	671.495	671.4939
4528	M229T10_	4.253925	2.088794	1.137267	0.309017	0.438439	UP	229.1354	229.1351
4529	M428T29	2.17882	1.123547	1.104785	0.309029	0.43844	UP	428.0457	428.0454
4530	M338T32_	1.884009	0.913806	1.124694	0.309084	0.438446	UP	338.1611	338.1606
4531	M1651T10	7.483444	2.903702	1.156069	0.309167	0.438456	UP	1650.972	1650.97
4532	M470T23	5.107447	2.352602	1.162101	0.309187	0.438458	UP	470.2803	470.2801
4533	M203T12	1.558575	0.640228	1.105253	0.309199	0.438459	UP	203.1278	203.1277
4534	M356T24_	2.19024	1.131089	1.107281	0.3093	0.438471	UP	356.2436	356.2435
4535	M455T13_	2.311416	1.208777	1.097057	0.309303	0.438471	UP	454.8511	454.8511
4536	M730T9_3	4.429797	2.147241	1.134799	0.309578	0.438502	UP	730.3142	730.3139
4537	M451T10	1.960218	-0.97101	-1.10349	0.309619	0.438507	DOWN	451.1598	451.1589
4538	M453T9_4	2.51673	1.331551	1.153713	0.309758	0.438522	UP	453.1046	453.0962
4539	M273T25	5.496305	-2.45846	-1.15866	0.309793	0.438526	DOWN	273.1098	273.1094
4540	M197T24	1.815641	-0.86048	-1.15372	0.309824	0.43853	DOWN	197.1536	197.1533
4541	M1647T10	6.437909	2.686592	1.149171	0.30995	0.438544	UP	1647.186	1647.184
4542	M758T10_	5.616389	2.489643	1.148928	0.309956	0.438544	UP	757.786	757.7857
4543	M574T29_	1.807508	0.854002	1.086318	0.310006	0.43855	UP	574.2594	574.2584
4544	M257T23	1.865777	0.899777	1.086362	0.310021	0.438552	UP	256.5825	256.5823
4545	M585T40	3.738107	1.902308	1.157232	0.310023	0.438552	UP	585.4769	585.4756
4546	M628T40	3.685588	1.881895	1.154734	0.310249	0.438588	UP	628.4998	628.4987
4547	M783T10_	3.483243	1.800431	1.135124	0.310419	0.438616	UP	783.4793	783.4791
4548	M439T45_	1.116695	0.159235	1.099612	0.310498	0.438628	UP	438.8343	438.8333
4549	M313T29	1.953999	0.96643	1.084988	0.31052	0.438632	UP	312.6335	312.6331
4550	M179T18	1.387857	0.472858	1.084156	0.310547	0.438636	UP	179.1068	179.1067
4551	M674T40	4.331563	2.114888	1.155686	0.310698	0.43866	UP	673.5296	673.5285
4552	M514T44_	1.178412	0.236844	1.082143	0.310803	0.438677	UP	514.3899	514.3891
4553	M272T9	2.15734	-1.10925	-1.10081	0.310823	0.43868	DOWN	272.1856	272.1855
4554	M562T10	2.437276	1.28527	1.132003	0.310852	0.438685	UP	562.3564	562.354
4555	M357T10_	7.391572	2.885881	1.154662	0.310957	0.438702	UP	357.2365	357.2362
4556	M735T43_	1.246833	0.318269	1.081583	0.310972	0.438704	UP	735.0231	735.0216
4557	M560T32_	3.842536	-1.94206	-1.14839	0.311007	0.43871	DOWN	560.3117	560.3057
4558	M730T9_2	4.393741	2.13545	1.130199	0.311023	0.438712	UP	729.7884	729.7877

4559	M647T34	3.243764	1.697669	1.13899	0.311239	0.438763	UP	646.5011	646.4996
4560	M380T12	2.021906	1.015716	1.090362	0.311284	0.438774	UP	380.1328	380.1325
4561	M522T39	2.166172	1.115148	1.108823	0.311445	0.438812	UP	521.886	521.8859
4562	M483T31	3.496043	1.805723	1.136854	0.3115	0.438825	UP	483.4026	483.4021
4563	M554T39	1.461865	0.54781	1.082679	0.311555	0.438838	UP	554.4415	554.4406
4564	M516T28	1.778975	-0.83105	-1.08457	0.311672	0.438865	DOWN	516.3062	516.3054
4565	M505T10	2.550543	1.350804	1.110929	0.311848	0.438907	UP	505.1857	505.1853
4566	M242T18_	2.644998	1.403267	1.143714	0.311874	0.438913	UP	242.2481	242.2479
4567	M376T9_6	3.87864	1.955551	1.122472	0.311885	0.438916	UP	376.3102	376.3101
4568	M412T31_	1.992766	0.994773	1.107261	0.311915	0.438923	UP	412.3784	412.3778
4569	M369T30	1.818689	0.862899	1.081592	0.312048	0.438954	UP	369.1726	369.1721
4570	M480T26_	3.341526	1.740507	1.111444	0.31207	0.438959	UP	480.0407	480.0404
4571	M599T29_	1.880512	0.911126	1.080687	0.312252	0.439002	UP	599.2623	599.2615
4572	M341T9_1	4.135505	2.048064	1.143454	0.31247	0.439054	UP	340.9715	340.9708
4573	M496T31_	1.768876	0.822833	1.078575	0.312523	0.439066	UP	496.4294	496.4285
4574	M685T9_1	4.563393	2.190107	1.128598	0.312541	0.43907	UP	685.272	685.2708
4575	M662T9	2.967793	1.56939	1.108817	0.312731	0.439115	UP	662.3869	662.3846
4576	M226T23	1.746856	0.804761	1.08079	0.312731	0.439115	UP	226.0686	226.0685
4577	M1045T9_	11.31676	3.500389	1.150533	0.312798	0.43913	UP	1045.319	1045.317
4578	M299T27_	1.888514	0.917252	1.077939	0.312864	0.439146	UP	298.6255	298.6254
4579	M888T30	2.335929	1.223997	1.081369	0.312962	0.439169	UP	888.1418	888.1412
4580	M217T10_	6.52158	2.705221	1.143296	0.312995	0.439177	UP	216.5287	216.5285
4581	M312T30_	2.187113	1.129028	1.079778	0.313188	0.439222	UP	311.6436	311.6434
4582	M368T9_2	6.63149	2.729333	1.142287	0.313289	0.439246	UP	367.6187	367.6183
4583	M741T44	1.520287	0.604344	1.097958	0.313346	0.439259	UP	741.3557	741.3548
4584	M606T11	2.243174	1.165541	1.075528	0.313527	0.439301	UP	606.0951	606.0944
4585	M757T10_	6.230106	2.639257	1.140263	0.313557	0.439308	UP	757.3019	757.3012
4586	M736T9_2	7.573886	2.921034	1.143241	0.313626	0.439324	UP	736.135	736.1345
4587	M632T12	1.84784	0.88584	1.0838	0.313749	0.439353	UP	632.4753	632.4747
4588	M358T9_6	3.842526	1.942055	1.118518	0.313759	0.439355	UP	358.456	358.4555
4589	M842T30_	2.465545	1.301907	1.074837	0.313793	0.439363	UP	842.1216	842.1206
4590	M615T10_	1.806047	0.852835	1.075751	0.313806	0.439366	UP	615.4246	615.4223
4591	M346T16	1.310519	-0.39014	-1.07738	0.313994	0.43941	DOWN	346.1844	346.1843
4592	M173T9_4	4.606375	2.203632	1.144464	0.31408	0.43943	UP	173.3257	173.322
4593	M173T14	1.871289	0.904033	1.084075	0.314116	0.439439	UP	173.1536	173.1534
4594	M212T10_	5.978958	2.579894	1.140846	0.314231	0.439465	UP	212.0826	212.0824
4595	M625T10	2.0851	1.060117	1.08758	0.314295	0.43948	UP	625.4184	625.4171
4596	M676T9_3	4.198985	2.070041	1.118497	0.314297	0.439481	UP	676.2872	676.2868
4597	M477T34_	1.948895	0.962657	1.083297	0.314299	0.439481	UP	476.8425	476.8414
4598	M613T10_	5.011409	2.325216	1.129448	0.314632	0.439559	UP	612.9911	612.9906
4599	M736T9_1	6.534698	2.708121	1.141529	0.314733	0.439582	UP	735.5382	735.5376
4600	M760T10_	3.534658	1.821571	1.127377	0.314798	0.439597	UP	760.4633	760.4631
4601	M204T10_	3.78276	1.919439	1.139856	0.314907	0.439623	UP	204.1195	204.119
4602	M600T34	2.824056	1.497769	1.122309	0.314968	0.439637	UP	600.4684	600.4673
4603	M757T10_	4.851832	2.27853	1.125238	0.315172	0.439684	UP	756.9973	756.9963
4604	M673T9_2	3.584691	1.841849	1.111304	0.315341	0.439723	UP	673.3601	673.3599
4605	M596T10	3.025842	1.597337	1.086979	0.315501	0.43976	UP	595.8282	595.8271

4606	M372T14	2.740468	1.454422	1.080673	0.315623	0.439788	UP	371.9831	371.9825
4607	M477T39	2.444416	1.28949	1.112859	0.315646	0.439794	UP	477.3582	477.3577
4608	M380T35	2.668887	1.416238	1.117015	0.315649	0.439794	UP	380.3371	380.3365
4609	M763T40	4.043827	2.015721	1.137831	0.315709	0.439808	UP	762.5853	762.5838
4610	M932T41	2.098466	1.069335	1.103405	0.315724	0.439811	UP	932.1825	932.1818
4611	M306T21_	4.27869	2.097169	1.142592	0.315961	0.439866	UP	306.155	306.1547
4612	M496T10	3.642643	1.864985	1.120381	0.315973	0.439869	UP	496.3806	496.3785
4613	M1885T10	2.314641	1.210788	1.095108	0.315986	0.439872	UP	1884.91	1884.905
4614	M230T12_	1.777764	0.830064	1.069732	0.316138	0.439907	UP	230.1905	230.19
4615	M659T9_1	3.355709	1.746618	1.107133	0.316172	0.439915	UP	658.5479	658.5465
4616	M696T10_	3.970796	1.989428	1.141643	0.316345	0.439955	UP	695.5342	695.5317
4617	M280T28	2.360513	1.239101	1.095372	0.316516	0.439994	UP	279.6101	279.6097
4618	M601T30	2.058348	1.041487	1.084308	0.316543	0.44	UP	601.4368	601.4359
4619	M607T21	2.405133	-1.26612	-1.11785	0.316682	0.440032	DOWN	607.109	607.1078
4620	M488T41	1.332317	-0.41394	-1.13449	0.316977	0.4401	DOWN	488.2693	488.2692
4621	M348T31_	1.704617	-0.76945	-1.13354	0.316983	0.440101	DOWN	348.2145	348.2143
4622	M1976T9	3.936038	1.976744	1.128409	0.317036	0.440114	UP	1976.097	1976.092
4623	M359T35	10.2492	-3.35744	-1.14233	0.317038	0.440114	DOWN	359.3711	359.3708
4624	M372T24_	1.730155	-0.7909	-1.10643	0.317065	0.44012	DOWN	372.3264	372.3259
4625	M334T32_	6.823792	2.770574	1.131206	0.317092	0.440126	UP	333.5892	333.5891
4626	M533T25	2.531819	1.340174	1.114369	0.31713	0.440135	UP	533.3208	533.3207
4627	M687T10_	2.393424	1.259076	1.079652	0.317194	0.44015	UP	686.7116	686.7087
4628	M350T9_9	4.885534	2.288516	1.120843	0.317197	0.44015	UP	350.2768	350.2767
4629	M728T29_	1.858857	-0.89442	-1.0807	0.317208	0.440153	DOWN	728.2176	728.2165
4630	M676T9_1	3.903916	1.964922	1.110074	0.317249	0.440162	UP	675.7623	675.762
4631	M572T30_	1.75957	-0.81522	-1.10959	0.317313	0.440177	DOWN	571.5068	571.5063
4632	M482T9_1	2.864677	1.518372	1.095483	0.317467	0.440212	UP	481.8045	481.8027
4633	M265T26	2.500989	-1.3225	-1.12715	0.317696	0.440265	DOWN	265.2164	265.2159
4634	M210T22	2.180342	-1.12455	-1.12486	0.317844	0.440298	DOWN	210.1572	210.1567
4635	M703T43_	1.162485	0.217212	1.065398	0.317943	0.440321	UP	702.9923	702.991
4636	M719T40	4.436476	2.149414	1.134899	0.317989	0.440331	UP	718.5591	718.558
4637	M439T32	1.773481	0.826584	1.066437	0.318026	0.44034	UP	439.3461	439.3458
4638	M420T13	14.12612	-3.82029	-1.13955	0.318033	0.440342	DOWN	420.2214	420.2211
4639	M634T20	2.058223	-1.0414	-1.10063	0.318057	0.440347	DOWN	634.1985	634.1984
4640	M420T37	1.330107	-0.41154	-1.08416	0.318071	0.44035	DOWN	420.3472	420.3471
4641	M489T43	1.094696	0.13053	1.071471	0.318123	0.440362	UP	489.3474	489.347
4642	M638T43_	1.164931	0.220244	1.065168	0.318199	0.440379	UP	637.9561	637.9551
4643	M389T23_	2.171882	1.118945	1.074781	0.318262	0.440394	UP	389.1008	389.1
4644	M413T31_	2.102909	1.072387	1.097833	0.318424	0.440431	UP	413.3817	413.3811
4645	M601T34	2.991405	1.580823	1.116652	0.318507	0.44045	UP	601.4717	601.4707
4646	M443T29_	2.882803	1.527472	1.090107	0.318635	0.440479	UP	443.0791	443.0789
4647	M738T32	1.768615	-0.82262	-1.06397	0.318686	0.44049	DOWN	738.1935	738.1929
4648	M675T9_2	3.763849	1.912209	1.102237	0.318694	0.440492	UP	675.2942	675.2939
4649	M678T10_	4.431713	2.147864	1.132797	0.318979	0.440557	UP	677.5147	677.5133
4650	M1664T10	5.434287	2.442091	1.120926	0.319244	0.440617	UP	1664.369	1664.367
4651	M545T32	4.561782	-2.1896	-1.12769	0.3195	0.440675	DOWN	545.341	545.3399
4652	M383T13	1.791176	0.840907	1.079888	0.319656	0.44071	UP	382.7881	382.788

4653	M304T29_	1.756073	-0.81235	-1.07872	0.31967	0.440714	DOWN	303.6471	303.6466
4654	M455T20_	1.931051	-0.94939	-1.07476	0.319779	0.440738	DOWN	455.3352	455.3342
4655	M676T41	2.164442	-1.114	-1.08548	0.319926	0.440771	DOWN	676.2647	676.2638
4656	M320T24_	8.7652	3.131787	1.134284	0.320013	0.440791	UP	320.2301	320.23
4657	M422T22_	5.3485	-2.41913	-1.13052	0.320113	0.440814	DOWN	422.1265	422.1262
4658	M515T17_	1.807445	0.853952	1.061146	0.320149	0.440822	UP	514.8611	514.86
4659	M443T30_	2.18411	1.127046	1.106753	0.320172	0.440827	UP	443.2769	443.2764
4660	M449T9	1.716897	-0.7798	-1.06976	0.320201	0.440834	DOWN	449.1706	449.1646
4661	M489T30_	7.927986	2.986955	1.129819	0.320208	0.440835	UP	489.1468	489.1447
4662	M681T21	2.062215	1.044195	1.060485	0.320314	0.440859	UP	681.4417	681.4399
4663	M1973T10	4.039974	2.014346	1.118203	0.32047	0.440894	UP	1973.176	1973.171
4664	M694T31_	1.898438	0.924813	1.074149	0.320599	0.440923	UP	694.1946	694.1945
4665	M369T10_	7.755389	2.955199	1.126117	0.320646	0.440934	UP	368.6213	368.621
4666	M387T31_	2.08582	1.060614	1.110539	0.320823	0.440974	UP	386.561	386.5605
4667	M367T11	1.785397	0.836245	1.058038	0.321029	0.44102	UP	367.2687	367.2682
4668	M325T33	1.965184	-0.97466	-1.12082	0.321043	0.441023	DOWN	325.1779	325.1773
4669	M383T10_	1.780761	0.832494	1.058029	0.321055	0.441026	UP	383.2546	383.2532
4670	M732T32	1.729701	-0.79052	-1.06191	0.321109	0.441038	DOWN	732.1967	732.1962
4671	M216T10_	5.019099	2.327429	1.113822	0.32112	0.44104	UP	216.1223	216.1223
4672	M387T19	2.693771	1.429627	1.081877	0.321177	0.441053	UP	386.9754	386.9748
4673	M244T10	2.658463	1.410592	1.103351	0.321178	0.441053	UP	244.0914	244.0906
4674	M643T30	2.621153	1.390201	1.063213	0.321199	0.441058	UP	643.1112	643.1109
4675	M675T40	5.384275	2.428752	1.127966	0.321221	0.441063	UP	674.5323	674.5299
4676	M556T35	2.868575	1.520334	1.108056	0.321278	0.441076	UP	556.442	556.4409
4677	M633T22_	1.98149	0.986586	1.063443	0.321469	0.441119	UP	633.1875	633.1865
4678	M709T10_	7.810441	2.965404	1.122675	0.321559	0.441139	UP	709.1054	709.1045
4679	M272T19	2.256492	1.174082	1.09408	0.321618	0.441152	UP	272.0946	272.0946
4680	M646T26	30.45728	4.928715	1.129266	0.3218	0.441193	UP	646.4745	646.4743
4681	M525T43_	1.185386	0.245357	1.061705	0.321855	0.441205	UP	525.0429	525.042
4682	M1988T9	3.674901	1.877705	1.113576	0.321878	0.44121	UP	1988.127	1988.119
4683	M277T17	3.212808	-1.68383	-1.12366	0.322004	0.441238	DOWN	277.1411	277.1406
4684	M473T9_4	2.018178	1.013054	1.062601	0.322323	0.44131	UP	473.3406	473.3402
4685	M378T10_	6.305445	2.656598	1.116589	0.322359	0.441318	UP	378.0438	378.0437
4686	M497T37	1.522789	-0.60672	-1.06211	0.32236	0.441318	DOWN	497.4868	497.4861
4687	M778T10	1.945239	0.959947	1.058007	0.322384	0.441323	UP	778.4062	778.4057
4688	M340T10_	3.897632	1.962598	1.114956	0.322549	0.44136	UP	339.5521	339.5515
4689	M624T17_	1.768724	0.822709	1.058511	0.322707	0.441395	UP	623.9792	623.9781
4690	M631T10	3.226833	1.690119	1.077709	0.322755	0.441406	UP	630.6744	630.6743
4691	M683T33_	1.895339	0.922456	1.061034	0.322758	0.441406	UP	683.4745	683.4738
4692	M211T27_	2.313055	-1.2098	-1.10745	0.322819	0.44142	DOWN	211.1095	211.1091
4693	M613T10_	5.331231	2.414469	1.111037	0.322825	0.441421	UP	612.7692	612.7686
4694	M691T26	20.04883	4.325446	1.126344	0.322911	0.44144	UP	690.501	690.5003
4695	M710T10	1.734469	0.794494	1.073247	0.32297	0.441454	UP	710.4699	710.4674
4696	M657T9_1	2.37914	1.25044	1.069709	0.323071	0.441476	UP	656.6414	656.6403
4697	M684T9_3	3.61356	1.853421	1.095897	0.323156	0.441495	UP	684.3059	684.305
4698	M376T24	1.444452	-0.53052	-1.06558	0.323419	0.441553	DOWN	376.1759	376.1754
4699	M792T11_	2.861907	1.516977	1.067997	0.32349	0.441569	UP	792.3987	792.3976

4700	M332T33_	1.620498	-0.69644	-1.05675	0.32368	0.441611	DOWN	332.2797	332.2795
4701	M230T23_	12.99337	3.699703	1.123977	0.32373	0.441622	UP	230.248	230.2473
4702	M421T9	2.710475	-1.43855	-1.11341	0.323858	0.441651	DOWN	421.242	421.2417
4703	M661T9_2	3.185475	1.671508	1.087931	0.323868	0.441653	UP	661.4235	661.4219
4704	M380T18	1.849027	0.886766	1.05643	0.323967	0.441675	UP	380.2798	380.2794
4705	M369T10_	1.856415	0.892519	1.05223	0.324041	0.441691	UP	369.2387	369.2376
4706	M602T26	18.90342	4.240575	1.123259	0.324136	0.441712	UP	602.4481	602.4478
4707	M378T29_	2.213884	1.146579	1.057106	0.324146	0.441714	UP	378.1	378.0998
4708	M247T22_	1.991842	0.994103	1.055444	0.324271	0.441742	UP	247.0629	247.0626
4709	M387T23_	1.819505	0.863546	1.05181	0.324341	0.441757	UP	387.1368	387.1368
4710	M637T40	1.707014	0.771475	1.05264	0.324345	0.441758	UP	636.981	636.9807
4711	M611T40	3.656288	1.87038	1.118603	0.324438	0.441779	UP	611.4736	611.4728
4712	M695T31_	1.972424	0.97997	1.054404	0.32449	0.44179	UP	695.1933	695.1932
4713	M544T39	2.243034	1.165451	1.085698	0.324527	0.441798	UP	543.8994	543.8986
4714	M365T29_	1.844013	-0.88285	-1.0816	0.324543	0.441802	DOWN	365.1358	365.1354
4715	M923T32	1.913965	0.936564	1.050984	0.324569	0.441808	UP	922.6322	922.6318
4716	M281T12	2.257363	1.174638	1.102503	0.32459	0.441812	UP	281.2308	281.2307
4717	M630T44	1.526274	0.610014	1.050878	0.324661	0.441828	UP	630.4154	630.4146
4718	M412T26_	1.907599	0.931758	1.049901	0.324679	0.441832	UP	412.1573	412.1564
4719	M328T9_2	2.239124	-1.16293	-1.08987	0.324713	0.44184	DOWN	328.2872	328.287
4720	M492T9_2	2.989067	-1.5797	-1.11111	0.324758	0.441849	DOWN	492.3232	492.323
4721	M350T9_4	5.213022	2.38212	1.104032	0.324832	0.441866	UP	349.8843	349.8842
4722	M791T10_	2.970257	1.570588	1.081689	0.324927	0.441887	UP	791.4949	791.4942
4723	M335T25_	3.897804	1.962662	1.108479	0.324974	0.441897	UP	335.2432	335.2431
4724	M382T26	4.999243	2.32171	1.114181	0.324986	0.4419	UP	382.3164	382.3108
4725	M1042T34	3.012259	1.590846	1.092077	0.325112	0.441927	UP	1041.736	1041.735
4726	M445T10	2.400288	1.263208	1.067563	0.325146	0.441935	UP	445.1645	445.1643
4727	M357T9_1	5.104211	2.351688	1.107454	0.325357	0.441981	UP	356.6538	356.6535
4728	M575T31_	1.682734	0.750807	1.048	0.325404	0.441992	UP	575.3409	575.3398
4729	M597T31_	1.735642	0.795469	1.055077	0.325683	0.442053	UP	597.2681	597.267
4730	M157T10_	7.43983	2.89527	1.111965	0.325699	0.442056	UP	156.814	156.8139
4731	M630T40_	3.877626	1.955174	1.115135	0.325713	0.442059	UP	629.5033	629.502
4732	M277T31_	2.108663	1.076329	1.047674	0.325768	0.442071	UP	276.6334	276.6332
4733	M336T35	1.832398	0.873733	1.050796	0.325829	0.442085	UP	336.311	336.3104
4734	M340T10_	3.993436	1.997631	1.107128	0.325949	0.442111	UP	340.0518	340.0512
4735	M617T19	1.630641	0.705439	1.066452	0.325957	0.442113	UP	617.4672	617.467
4736	M566T18_	1.760977	0.816376	1.046427	0.326038	0.44213	UP	566.4323	566.4313
4737	M452T31	1.423803	-0.50975	-1.09829	0.326097	0.442143	DOWN	452.1816	452.1809
4738	M488T30	1.156833	0.210181	1.047293	0.326118	0.442148	UP	488.3583	488.3574
4739	M338T14	2.599499	1.378233	1.104467	0.326141	0.442153	UP	338.2177	338.2171
4740	M584T29_	1.786558	0.837183	1.060455	0.32615	0.442155	UP	584.2497	584.2495
4741	M191T11	2.034907	1.024963	1.057706	0.3262	0.442166	UP	191.1644	191.1642
4742	M484T17	1.695901	0.762052	1.046	0.326239	0.442174	UP	484.3899	484.3891
4743	M470T44_	1.119528	0.162891	1.046248	0.326272	0.442182	UP	469.8624	469.8616
4744	M348T17_	3.181435	1.669678	1.081974	0.326339	0.442196	UP	348.0939	348.0939
4745	M366T10_	6.641821	2.731579	1.107995	0.326472	0.442225	UP	365.8272	365.8271
4746	M402T13	15.88757	-3.98983	-1.11701	0.326474	0.442226	DOWN	402.1915	402.1915

4747	M590T22_	2.071578	1.05073	1.050774	0.326522	0.442236	UP	590.1548	590.1541
4748	M385T38	1.517022	0.601242	1.06521	0.326798	0.442315	UP	385.2374	385.2373
4749	M512T35_	2.873496	1.522807	1.094254	0.326855	0.442331	UP	512.4157	512.4146
4750	M230T10_	6.47284	2.694399	1.105527	0.326988	0.442369	UP	229.7756	229.7754
4751	M217T10_	9.983193	3.319501	1.111866	0.32713	0.442409	UP	216.7544	216.7542
4752	M373T31_	263.7872	8.043231	1.115142	0.327263	0.442447	UP	373.1167	373.1119
4753	M584T34	3.530984	1.82007	1.099184	0.327581	0.442537	UP	584.4452	584.4442
4754	M340T24_	2.887396	1.529769	1.108002	0.327654	0.442558	UP	340.1558	340.1554
4755	M360T9_1	2.668789	-1.41619	-1.10623	0.327773	0.442592	DOWN	359.7638	359.7632
4756	M1585T10	3.763445	1.912054	1.076575	0.327846	0.442612	UP	1585.047	1585.043
4757	M187T21	2.059478	1.042279	1.049362	0.327881	0.442623	UP	186.5539	186.5538
4758	M230T10_	5.441686	2.444054	1.097954	0.327899	0.442627	UP	229.5787	229.5787
4759	M358T9_2	8.456278	3.080023	1.108508	0.327985	0.442652	UP	357.8141	357.8139
4760	M192T2	2.612453	-1.3854	-1.04319	0.328183	0.442708	DOWN	192.0078	192.0076
4761	M398T28	1.646028	0.718989	1.040444	0.328557	0.442813	UP	398.2902	398.2896
4762	M958T41	2.279483	-1.18871	-1.06816	0.328569	0.442817	DOWN	958.4854	958.4837
4763	M552T15	1.674123	0.743406	1.042094	0.328677	0.442847	UP	552.4011	552.3996
4764	M544T32	3.986606	-1.99516	-1.10302	0.328685	0.44285	DOWN	544.3377	544.3365
4765	M484T32	2.105453	1.074131	1.0777	0.328725	0.442861	UP	484.0916	484.0913
4766	M468T20_	1.863595	-0.89809	-1.07474	0.328744	0.442866	DOWN	468.2725	468.2722
4767	M274T27	1.843749	0.882642	1.041249	0.328745	0.442867	UP	273.628	273.6276
4768	M499T23_	2.188016	-1.12962	-1.09629	0.328853	0.442897	DOWN	499.1637	499.1629
4769	M325T25_	10.9275	-3.44989	-1.11082	0.328863	0.4429	DOWN	325.1987	325.1973
4770	M517T39	2.429193	1.280477	1.089182	0.328877	0.442904	UP	517.3718	517.3714
4771	M884T32	3.514251	-1.81322	-1.09149	0.328959	0.442927	DOWN	884.3731	884.3721
4772	M481T22	4.811167	2.266387	1.104965	0.328997	0.442938	UP	481.0458	481.0454
4773	M157T9	9.644255	3.26967	1.106213	0.32902	0.442944	UP	156.703	156.703
4774	M460T34_	1.32718	-0.40836	-1.085	0.329204	0.442996	DOWN	460.3085	460.3079
4775	M791T21	2.046447	1.033121	1.054261	0.329215	0.442999	UP	790.5239	790.5233
4776	M557T35	2.997254	1.583641	1.090203	0.32923	0.443003	UP	557.4454	557.4443
4777	M1993T10	5.039001	2.333138	1.104019	0.329409	0.443053	UP	1993.147	1993.141
4778	M358T9_4	7.128768	2.833653	1.100768	0.329473	0.443071	UP	357.9946	357.9944
4779	M296T31_	1.655846	0.727569	1.039885	0.329478	0.443073	UP	296.1858	296.1855
4780	M1045T9_	10.86536	3.441665	1.105496	0.329582	0.443102	UP	1044.82	1044.819
4781	M632T44	2.073945	-1.05238	-1.09814	0.329601	0.443108	DOWN	632.4161	632.4157
4782	M326T15_	1.614404	0.691002	1.038239	0.329747	0.443149	UP	326.233	326.2323
4783	M655T40	3.650224	1.867985	1.105064	0.329872	0.443184	UP	655.4995	655.499
4784	M805T41	1.651092	0.72342	1.038384	0.329897	0.443191	UP	805.2183	805.2181
4785	M429T38	2.138566	1.096644	1.055476	0.329897	0.443191	UP	429.0655	429.0654
4786	M602T34	3.470946	1.795329	1.092689	0.329968	0.443211	UP	602.4746	602.473
4787	M1655T10	5.38363	2.428579	1.093844	0.330007	0.443221	UP	1654.771	1654.769
4788	M599T19	3.063651	1.615252	1.074773	0.330413	0.443337	UP	599.3135	599.3134
4789	M391T17_	3.015845	1.592563	1.063683	0.330509	0.443364	UP	390.9938	390.9936
4790	M706T9_1	2.851792	1.511869	1.071339	0.330541	0.443373	UP	705.667	705.6651
4791	M375T9_3	3.840956	1.941466	1.075925	0.330549	0.443376	UP	375.4861	375.486
4792	M374T27	1.756972	0.813091	1.036122	0.330578	0.443384	UP	374.1051	374.1049
4793	M339T32_	1.720469	0.782802	1.086917	0.3309	0.443475	UP	339.158	339.1572

4794	M607T23_	1.677097	0.745966	1.035456	0.330991	0.443501	UP	607.4665	607.4656
4795	M578T37	1.558117	0.639803	1.034787	0.331043	0.443515	UP	578.437	578.4363
4796	M364T35	2.395778	1.260494	1.068211	0.331045	0.443516	UP	364.3139	364.3132
4797	M301T18_	1.795757	0.844592	1.041875	0.331158	0.443548	UP	301.1295	301.1292
4798	M468T35	2.801555	1.486228	1.08217	0.331242	0.443572	UP	468.3894	468.3887
4799	M453T21_	9.869876	-3.30303	-1.10436	0.331255	0.443576	DOWN	453.2601	453.2587
4800	M629T30_	2.260929	1.176915	1.045557	0.33128	0.443583	UP	629.1338	629.1333
4801	M413T22_	1.871936	0.904531	1.034131	0.331326	0.443596	UP	413.0463	413.046
4802	M277T26	1.664765	0.735318	1.0341	0.331344	0.443601	UP	277.18	277.1796
4803	M705T9_2	2.817851	1.494596	1.066062	0.331407	0.443619	UP	704.657	704.6551
4804	M399T11_	15.58312	-3.96191	-1.10322	0.331749	0.443716	DOWN	399.1782	399.1781
4805	M566T9_1	2.125118	1.087543	1.096397	0.331754	0.443717	UP	566.2604	566.2603
4806	M216T10_	4.978269	2.315644	1.088956	0.331866	0.443749	UP	216.32	216.3199
4807	M335T10_	2.324778	1.217093	1.038572	0.332022	0.443793	UP	335.1722	335.1715
4808	M630T30	1.788192	0.838501	1.04444	0.332043	0.443799	UP	630.4577	630.4573
4809	M543T11_	2.0654	1.046422	1.032861	0.332044	0.443799	UP	543.1572	543.1566
4810	M567T40	3.046509	1.607157	1.095631	0.332105	0.443816	UP	567.447	567.4467
4811	M315T44	1.473834	-0.55957	-1.04243	0.332139	0.443826	DOWN	315.1628	315.1627
4812	M340T10_	2.43809	1.285752	1.071588	0.332221	0.443849	UP	340.2599	340.252
4813	M413T26_	2.149956	1.104307	1.045571	0.332385	0.443895	UP	413.0331	413.033
4814	M445T33	13.82832	-3.78955	-1.10116	0.332423	0.443906	DOWN	445.1825	445.1818
4815	M670T43_	1.307805	0.387147	1.035744	0.332668	0.443975	UP	670.4591	670.4567
4816	M526T30	1.769152	-0.82306	-1.05546	0.332763	0.444002	DOWN	526.4771	526.4768
4817	M660T41_	1.662731	-0.73355	-1.05007	0.332838	0.444023	DOWN	660.2909	660.2896
4818	M699T10_	2.144587	1.1007	1.075666	0.332977	0.444062	UP	699.4839	699.4792
4819	M596T31_	1.686559	0.754083	1.040736	0.333135	0.444106	UP	596.2648	596.2635
4820	M653T23_	2.86785	1.519969	1.060679	0.33314	0.444108	UP	652.9676	652.967
4821	M352T22_	2.108614	-1.07629	-1.08617	0.333194	0.444123	DOWN	352.0611	352.0607
4822	M452T17	2.315044	1.21104	1.030271	0.333306	0.444154	UP	451.9357	451.9353
4823	M526T10	2.929876	1.55084	1.062169	0.333552	0.444223	UP	526.3804	526.3732
4824	M369T9_2	3.876781	1.954859	1.072904	0.333687	0.444261	UP	369.4231	369.4227
4825	M358T35	5.74091	-2.52128	-1.09752	0.333692	0.444263	DOWN	358.368	358.3675
4826	M707T18	2.218852	1.149814	1.030565	0.333748	0.444279	UP	706.9487	706.9485
4827	M708T9_2	2.747237	1.457982	1.061316	0.333767	0.444284	UP	708.0389	708.0381
4828	M596T30_	1.817072	0.861615	1.028298	0.333896	0.44432	UP	596.2653	596.2644
4829	M489T9_3	5.444594	2.444824	1.084263	0.3339	0.444321	UP	488.9733	488.9731
4830	M438T11_	1.434433	0.520481	1.038092	0.334092	0.444375	UP	438.3331	438.3321
4831	M347T41	1.684373	0.752212	1.040356	0.334097	0.444376	UP	347.3156	347.3149
4832	M291T9_2	4.013426	2.004834	1.086473	0.334117	0.444382	UP	290.9474	290.9471
4833	M514T26	24.40607	4.609168	1.097067	0.334127	0.444385	UP	514.3953	514.3943
4834	M239T27	1.714564	-0.77784	-1.06215	0.334278	0.444427	DOWN	239.1754	239.1751
4835	M627T34	2.502895	1.323598	1.0622	0.334569	0.444508	UP	627.4684	627.4668
4836	M768T30	1.982718	0.987479	1.029627	0.334771	0.444564	UP	768.2112	768.2105
4837	M816T31	1.970081	0.978255	1.02925	0.335045	0.444641	UP	816.1261	816.1259
4838	M216T10_	4.409636	2.140659	1.072934	0.335167	0.444675	UP	216.4821	216.4819
4839	M1592T10	2.576134	1.365208	1.029612	0.33518	0.444678	UP	1592.207	1592.201
4840	M338T9	3.494226	1.804973	1.05833	0.335332	0.444721	UP	338.2621	338.262

4841	M613T10_	1.75224	0.809201	1.025759	0.335365	0.44473	UP	613.4179	613.4158
4842	M1959T9	3.775082	1.916508	1.079597	0.335444	0.444752	UP	1959.277	1959.274
4843	M908T10	1.916083	0.93816	1.027557	0.335501	0.444768	UP	907.6888	907.685
4844	M381T35_	2.721958	1.444645	1.072284	0.335533	0.444776	UP	381.3405	381.3401
4845	M552T18_	1.848293	0.886193	1.025484	0.335572	0.444788	UP	551.8406	551.84
4846	M241T24	2.288552	-1.19444	-1.07549	0.33562	0.444801	DOWN	241.1799	241.1796
4847	M700T40	3.958531	1.984965	1.088681	0.33564	0.444806	UP	699.5265	699.5252
4848	M390T9_2	2.594988	1.375728	1.048751	0.33583	0.444859	UP	389.8125	389.8119
4849	M421T14	2.180692	1.124786	1.031783	0.336089	0.444931	UP	420.897	420.8968
4850	M490T9_1	4.335924	2.11634	1.066715	0.33614	0.444945	UP	489.5853	489.5851
4851	M577T30	1.144397	0.194588	1.023137	0.336203	0.444962	UP	577.4143	577.4132
4852	M216T30	1.799345	0.847472	1.025496	0.33624	0.444973	UP	216.0851	216.085
4853	M513T35	3.034041	1.60124	1.07353	0.336274	0.444982	UP	513.419	513.418
4854	M430T9	1.904869	0.929692	1.026553	0.336483	0.44504	UP	430.244	430.2432
4855	M389T9_1	2.247421	1.16827	1.068484	0.336578	0.445066	UP	389.2538	389.2507
4856	M281T21	1.766122	0.820585	1.046343	0.3367	0.4451	UP	281.1387	281.1384
4857	M728T11_	2.228822	1.156282	1.02218	0.336808	0.44513	UP	728.3641	728.362
4858	M666T30	1.163158	0.218047	1.025169	0.336876	0.445149	UP	666.4701	666.4687
4859	M506T44_	1.088311	0.122091	1.061614	0.336895	0.445154	UP	505.8766	505.8758
4860	M583T34_	2.723243	1.445326	1.065656	0.336937	0.445166	UP	583.4419	583.4409
4861	M216T10_	4.928178	2.301054	1.072975	0.337078	0.445205	UP	216.2746	216.2745
4862	M441T32	2.03786	1.027055	1.067306	0.337194	0.445236	UP	441.0644	441.064
4863	M177T19_	1.916043	0.93813	1.025847	0.337278	0.445259	UP	177.0088	177.0086
4864	M452T9_3	2.095843	-1.06753	-1.06781	0.337381	0.445288	DOWN	452.3313	452.3304
4865	M599T10_	2.500982	1.322495	1.059426	0.337442	0.445305	UP	599.4184	599.4166
4866	M518T31_	2.126772	1.088666	1.070825	0.337489	0.445318	UP	518.404	518.4028
4867	M529T28	2.379317	-1.25055	-1.07054	0.337492	0.445319	DOWN	529.2756	529.2745
4868	M252T25	2.392324	-1.25841	-1.07609	0.337795	0.445402	DOWN	252.1313	252.1309
4869	M582T43	1.383369	0.468186	1.084638	0.337901	0.445431	UP	582.4728	582.4717
4870	M227T23	2.843436	1.507635	1.066027	0.338135	0.445495	UP	227.0479	227.0478
4871	M562T30	1.84848	0.88634	1.0203	0.338332	0.445549	UP	562.2594	562.2585
4872	M221T26_	1.646256	0.719188	1.01839	0.33834	0.445552	UP	221.1173	221.117
4873	M728T11_	1.883134	0.913136	1.018244	0.338397	0.445567	UP	728.4371	728.435
4874	M659T36	1.637781	0.711742	1.018476	0.338403	0.445569	UP	658.5108	658.51
4875	M792T26_	1.683017	0.75105	1.030215	0.338455	0.445583	UP	791.5935	791.5923
4876	M424T35	2.62963	1.39486	1.060759	0.338493	0.445594	UP	424.3633	424.3625
4877	M524T28	4.136878	-2.04854	-1.0807	0.338551	0.44561	DOWN	524.2753	524.2746
4878	M363T35	2.181709	1.125458	1.043874	0.33861	0.445626	UP	363.3106	363.31
4879	M661T41	1.719467	-0.78196	-1.03117	0.33862	0.445628	DOWN	661.2937	661.2924
4880	M705T10	8.470421	3.082434	1.080507	0.338644	0.445635	UP	705.4132	705.4129
4881	M628T34	3.327206	1.734311	1.068718	0.33881	0.44568	UP	628.4724	628.4716
4882	M259T10	1.897318	0.923962	1.018439	0.338857	0.445693	UP	259.2019	259.201
4883	M655T31_	2.176807	1.122214	1.031063	0.338955	0.44572	UP	655.2412	655.2408
4884	M251T9	2.37572	1.248365	1.068087	0.339003	0.445733	UP	251.1855	251.1848
4885	M267T11	1.594684	0.67327	1.016858	0.339016	0.445737	UP	267.1749	267.1744
4886	M546T22_	1.644115	0.717311	1.015919	0.339432	0.44585	UP	546.4633	546.4622
4887	M621T44	1.202535	0.266078	1.025677	0.339526	0.445876	UP	621.4266	621.4261

4888	M514T11_	1.961123	0.97168	1.01731	0.339535	0.445878	UP	514.3496	514.3483
4889	M308T38	1.354532	0.437795	1.056249	0.33958	0.445891	UP	308.1897	308.1891
4890	M590T44	1.240346	0.310743	1.017697	0.339582	0.445891	UP	590.3923	590.3922
4891	M531T40_	2.360549	-1.23912	-1.06601	0.339694	0.445922	DOWN	531.2743	531.274
4892	M212T10_	3.244302	1.697908	1.042372	0.339953	0.445992	UP	212.4984	212.4981
4893	M472T30_	2.265051	1.179544	1.019194	0.340003	0.446006	UP	471.5333	471.5329
4894	M333T9_3	2.814703	1.492982	1.042898	0.340099	0.446032	UP	333.1248	333.1241
4895	M488T11	1.507182	-0.59185	-1.01839	0.340269	0.446078	DOWN	488.1964	488.1951
4896	M710T30	1.163739	0.218767	1.029561	0.34035	0.4461	UP	710.4963	710.4949
4897	M376T9_3	3.628382	1.859326	1.050751	0.340485	0.446137	UP	375.8978	375.8977
4898	M411T11	1.856845	0.892853	1.01699	0.340775	0.446216	UP	410.6911	410.6901
4899	M657T10	2.89341	1.532771	1.041628	0.340786	0.446219	UP	656.6848	656.6835
4900	M215T11	1.759186	0.814908	1.01568	0.340793	0.446221	UP	214.5799	214.5795
4901	M212T16	216.9088	7.760945	1.080254	0.340813	0.446226	UP	212.1364	212.1362
4902	M564T29_	4.919158	-2.29841	-1.07009	0.340972	0.446269	DOWN	563.8149	563.8142
4903	M448T19_	5.251962	-2.39286	-1.07648	0.340973	0.446269	DOWN	448.0693	448.0688
4904	M269T29	2.002739	1.001975	1.019927	0.341077	0.446298	UP	268.6255	268.625
4905	M420T25	1.579431	-0.6594	-1.04521	0.341134	0.446313	DOWN	420.2826	420.2823
4906	M680T21	1.789411	0.839485	1.01798	0.341285	0.446354	UP	680.4383	680.4362
4907	M225T10_	2.799422	1.485129	1.035236	0.341368	0.446376	UP	225.1806	225.1804
4908	M343T19	2.215026	1.147323	1.031924	0.341773	0.446486	UP	343.2406	343.2402
4909	M539T35	2.641933	1.401594	1.051968	0.341781	0.446488	UP	539.4155	539.4139
4910	M606T23_	1.637396	0.711403	1.012194	0.341791	0.446491	UP	606.4631	606.462
4911	M435T29_	1.745238	0.803424	1.011682	0.341838	0.446503	UP	435.2041	435.2039
4912	M366T32	1.906455	0.930893	1.016669	0.342018	0.446552	UP	366.3215	366.3207
4913	M815T31	2.139687	1.097399	1.019501	0.342094	0.446572	UP	815.1293	815.129
4914	M783T10_	2.80392	1.487445	1.033456	0.342233	0.44661	UP	783.3885	783.3881
4915	M382T44	1.133122	-0.1803	-1.03741	0.342318	0.446633	DOWN	382.2261	382.2258
4916	M469T35	3.005827	1.587762	1.058529	0.342363	0.446645	UP	469.3928	469.3919
4917	M332T9_6	2.677055	1.420647	1.033914	0.342383	0.44665	UP	332.4384	332.4376
4918	M407T23	2.538197	-1.3438	-1.04563	0.34243	0.446663	DOWN	407.3242	407.3236
4919	M706T10_	7.542334	2.915011	1.06937	0.342579	0.446703	UP	705.9132	705.9128
4920	M618T33_	1.453159	0.539193	1.033156	0.342595	0.446707	UP	618.4383	618.4375
4921	M226T13_	3.189307	1.673243	1.074183	0.342627	0.446716	UP	226.2167	226.2163
4922	M563T30	1.96841	0.977031	1.020661	0.342653	0.446723	UP	563.2627	563.2618
4923	M636T9	3.761541	1.911324	1.044314	0.342666	0.446726	UP	635.6416	635.6408
4924	M230T10_	4.886077	2.288677	1.059069	0.34274	0.446746	UP	229.5278	229.5278
4925	M216T10_	4.21069	2.074056	1.05111	0.342821	0.446768	UP	215.8691	215.869
4926	M678T10_	5.096923	2.349626	1.068334	0.342973	0.446809	UP	678.2526	678.244
4927	M318T31_	2.061835	-1.04393	-1.05627	0.343172	0.446862	DOWN	318.1182	318.1179
4928	M296T32	1.951682	0.964718	1.056578	0.3432	0.44687	UP	296.131	296.1303
4929	M236T23_	1.872703	0.905122	1.012715	0.343221	0.446875	UP	236.0694	236.0693
4930	M425T35	2.996167	1.583118	1.056669	0.343264	0.446887	UP	425.3667	425.3661
4931	M320T18_	3.458483	1.790139	1.071395	0.343347	0.446909	UP	320.1761	320.176
4932	M396T9	1.985143	-0.98924	-1.04869	0.34348	0.446945	DOWN	396.2189	396.218
4933	M345T22	2.111863	1.078516	1.017474	0.343799	0.44703	UP	344.9723	344.9598
4934	M518T10	1.945909	0.960444	1.005957	0.343892	0.447055	UP	518.1919	518.1798

4935	M430T10_	2.420101	1.275067	1.020885	0.344154	0.447125	UP	429.7263	429.726
4936	M558T26_	15.03866	3.910604	1.071089	0.34424	0.447148	UP	558.4215	558.4212
4937	M700T9_3	3.083218	1.624437	1.039802	0.34426	0.447153	UP	700.4456	700.4443
4938	M677T10_	7.913879	2.984385	1.067171	0.3443	0.447164	UP	677.0043	677.0038
4939	M359T9_2	3.600118	1.848044	1.041736	0.344398	0.44719	UP	358.84	358.8394
4940	M443T32_	2.038942	1.027821	1.031088	0.344437	0.4472	UP	443.0649	443.0647
4941	M719T17	2.091674	1.064658	1.004932	0.34463	0.447252	UP	719.4054	719.4045
4942	M818T7	4.438768	2.150159	1.057972	0.34466	0.44726	UP	817.6259	817.6236
4943	M614T10_	1.75267	0.809555	1.004709	0.344751	0.447284	UP	614.4213	614.419
4944	M594T44	1.216408	0.282627	1.006755	0.344887	0.44732	UP	593.9296	593.9287
4945	M365T30	2.120674	1.084523	1.014897	0.345063	0.447367	UP	364.6014	364.6011
4946	M796T7	3.735695	1.901377	1.049247	0.345324	0.447436	UP	795.6442	795.6423
4947	M303T39_	61.921	5.952357	1.068674	0.345419	0.447462	UP	303.2453	303.2453
4948	M914T41	2.048631	-1.03466	-1.04643	0.345628	0.447517	DOWN	914.4592	914.4582
4949	M314T30_	1.942233	0.957716	1.006012	0.345852	0.447576	UP	313.6412	313.641
4950	M306T13_	2.479908	1.310287	1.062323	0.345933	0.447598	UP	306.2432	306.2425
4951	M389T10_	1.913833	0.936465	1.007337	0.345948	0.447602	UP	389.0239	389.0227
4952	M239T13	5.342463	2.417505	1.063924	0.346035	0.447625	UP	239.128	239.1276
4953	M454T23	1.879708	-0.91051	-1.02252	0.346211	0.447671	DOWN	454.1708	454.1698
4954	M228T22_	6.439139	2.686868	1.065228	0.346279	0.447689	UP	228.2687	228.2683
4955	M328T31	2.057925	1.041191	1.027517	0.346403	0.447722	UP	327.5933	327.5931
4956	M204T10_	3.102189	1.633287	1.053988	0.346447	0.447734	UP	203.887	203.8866
4957	M348T9_2	2.722891	1.445139	1.025405	0.346679	0.447795	UP	347.9953	347.9946
4958	M415T15	7.862496	-2.97499	-1.06355	0.346769	0.447819	DOWN	415.1808	415.1808
4959	M730T19	2.907269	1.539664	1.023041	0.34681	0.44783	UP	729.8373	729.8358
4960	M359T9_3	3.329355	1.735243	1.028557	0.346823	0.447833	UP	358.8576	358.857
4961	M496T35	2.796666	1.483708	1.043141	0.346896	0.447852	UP	496.3924	496.3917
4962	M824T34	2.750763	1.459832	1.038336	0.347051	0.447893	UP	823.6094	823.6084
4963	M342T9_5	2.38705	1.255229	1.012544	0.347112	0.447909	UP	342.2976	342.2971
4964	M411T22_	2.317255	-1.21242	-1.0531	0.347132	0.447914	DOWN	411.2073	411.2062
4965	M543T12_	2.128721	1.089987	1.020402	0.347204	0.447934	UP	543.3884	543.3873
4966	M549T22_	2.007583	1.00546	1.001344	0.347252	0.447946	UP	549.1278	549.1273
4967	M426T35_	3.330204	1.735611	1.049422	0.34726	0.447948	UP	426.3696	426.3696
4968	M335T15	1.60237	0.680208	0.99845	0.347305	0.44796	UP	335.2221	335.2215
4969	M629T40	3.693638	1.885042	1.060498	0.347426	0.447992	UP	629.4713	629.4712
4970	M458T18	1.933784	0.951427	0.998517	0.347539	0.448022	UP	457.929	457.9283
4971	M374T10_	2.480181	1.310446	1.019269	0.347566	0.448029	UP	374.2256	374.2196
4972	M461T16	10.07988	-3.33341	-1.0617	0.347735	0.448073	DOWN	461.1953	461.1946
4973	M658T9_2	2.762456	1.465952	1.017948	0.347741	0.448075	UP	657.6373	657.6358
4974	M462T21_	2.514188	1.330092	1.030527	0.3478	0.44809	UP	462.0387	462.0379
4975	M461T22_	2.0607	-1.04313	-1.03152	0.347858	0.448105	DOWN	461.265	461.2628
4976	M479T22_	1.754777	0.811287	1.00894	0.347948	0.448129	UP	478.924	478.9235
4977	M1871T9	2.476672	1.308403	1.016596	0.347997	0.448142	UP	1871.111	1871.107
4978	M727T34	3.693646	1.885046	1.048255	0.348026	0.448149	UP	726.8273	726.8259
4979	M575T30	8.425057	-3.07469	-1.06066	0.348194	0.448193	DOWN	575.3426	575.3405
4980	M434T28	1.983311	0.987911	0.997104	0.348202	0.448196	UP	433.5181	433.5178
4981	M371T26_	2.112043	1.078639	1.000737	0.348273	0.448214	UP	371.0084	371.0081

4982	M439T13	1.585955	0.665352	0.999914	0.348329	0.448229	UP	439.3168	439.3162
4983	M449T14	2.264569	1.179236	0.996416	0.348399	0.448247	UP	448.8919	448.8913
4984	M350T9_8	5.60823	2.487546	1.054357	0.348405	0.448249	UP	350.2549	350.2545
4985	M553T32_	11.13962	-3.47763	-1.05988	0.348408	0.448249	DOWN	553.3121	553.3119
4986	M245T22_	1.735055	0.794981	0.99621	0.348412	0.448251	UP	245.0837	245.0833
4987	M480T9_1	2.127664	1.08927	1.023979	0.348432	0.448256	UP	479.8022	479.798
4988	M432T12	1.800583	0.848464	0.997171	0.348487	0.44827	UP	432.202	432.2013
4989	M675T10_	1.73649	0.796174	0.995559	0.348721	0.448331	UP	675.4816	675.4796
4990	M518T31_	2.019365	1.013902	1.046191	0.348727	0.448333	UP	517.9022	517.9012
4991	M360T10_	3.484661	1.801018	1.029522	0.34883	0.44836	UP	359.6098	359.6091
4992	M290T11_	3.129378	1.645876	1.026121	0.348996	0.448403	UP	290.0514	290.0511
4993	M699T9_2	2.970948	1.570923	1.027029	0.349009	0.448407	UP	699.3989	699.3975
4994	M754T30_	2.209178	-1.14351	-1.00517	0.349134	0.448439	DOWN	754.2331	754.2327
4995	M713T9	2.435899	1.284454	1.040712	0.349218	0.448461	UP	712.5176	712.5055
4996	M280T31_	1.48859	0.573946	0.995402	0.34922	0.448462	UP	280.1625	280.1621
4997	M367T9_2	5.780223	2.531125	1.052094	0.349311	0.448485	UP	367.4242	367.4235
4998	M468T22	2.375177	-1.24804	-1.03986	0.349391	0.448506	DOWN	468.0662	468.0656
4999	M539T9	1.938242	0.954749	1.021567	0.349408	0.448511	UP	539.4165	539.4154
5000	M558T24	1.983208	0.987836	1.000258	0.349627	0.448568	UP	558.0876	558.0873
5001	M343T11_	2.187536	1.129307	0.996065	0.349703	0.448587	UP	342.6823	342.6818
5002	M157T10_	5.275433	2.399289	1.044356	0.349813	0.448616	UP	156.925	156.925
5003	M401T32	2.074244	1.052585	1.033055	0.349844	0.448624	UP	401.0348	401.0346
5004	M511T32	1.733324	-0.79354	-1.00526	0.349852	0.448626	DOWN	511.3585	511.3578
5005	M819T7	5.171976	2.370716	1.047977	0.34987	0.448631	UP	818.6291	818.6284
5006	M641T22_	2.743041	-1.45578	-1.04886	0.349902	0.448639	DOWN	641.2693	641.2678
5007	M1584T10	3.040182	1.604158	1.012594	0.349939	0.448649	UP	1584.126	1584.123
5008	M545T28_	4.766593	-2.25296	-1.05308	0.350045	0.448677	DOWN	545.3815	545.3807
5009	M627T33	2.087398	1.061705	0.992592	0.350113	0.448694	UP	627.2944	627.2933
5010	M360T22_	1.93518	0.952468	0.993179	0.350147	0.448703	UP	359.9919	359.9916
5011	M479T9	2.504143	1.324317	1.011089	0.350181	0.448712	UP	479.3058	479.3035
5012	M481T10_	2.036168	1.025857	0.99926	0.3502	0.448717	UP	481.375	481.3735
5013	M217T21	1.586976	0.66628	0.995526	0.350314	0.448746	UP	217.1801	217.1797
5014	M563T21	2.077818	1.055069	0.997561	0.350343	0.448754	UP	562.9604	562.9602
5015	M249T11	2.764038	1.466777	1.009309	0.350417	0.448773	UP	249.0247	249.0244
5016	M430T30_	1.481849	-0.5674	-0.99364	0.350425	0.448775	DOWN	430.2926	430.2923
5017	M628T43	1.120753	-0.16447	-1.03013	0.350456	0.448783	DOWN	628.4395	628.4383
5018	M793T11_	2.577105	1.365751	0.998081	0.350619	0.448825	UP	792.8996	792.897
5019	M638T7	5.135088	2.360389	1.047177	0.350687	0.448843	UP	637.5381	637.5372
5020	M243T10_	1.794302	0.843423	0.991632	0.351016	0.448928	UP	243.1784	243.1702
5021	M389T32	1.329805	-0.41122	-1.03299	0.35103	0.448932	DOWN	389.1119	389.1114
5022	M312T33	3.464348	-1.79258	-1.04258	0.35106	0.44894	DOWN	312.1651	312.1649
5023	M567T30_	1.929293	-0.94807	-1.02247	0.351157	0.448965	DOWN	567.2067	567.2063
5024	M340T9	26.22139	-4.71267	-1.05419	0.351185	0.448972	DOWN	340.2856	340.2828
5025	M177T25	1.925934	-0.94556	-1.04118	0.351473	0.449046	DOWN	177.0547	177.0544
5026	M305T32_	1.740324	0.799356	0.992504	0.351493	0.449052	UP	305.2115	305.2114
5027	M173T9_1	2.183072	1.12636	1.000054	0.351524	0.449059	UP	172.5945	172.5942
5028	M294T26	1.641935	0.715397	0.989294	0.351543	0.449064	UP	294.2066	294.2062

5029	M390T23	2.177209	1.12248	1.004465	0.35162	0.449084	UP	390.1044	390.1043
5030	M300T18_	1.997357	0.998092	0.992278	0.351848	0.449143	UP	300.126	300.121
5031	M694T10	1.939237	0.955489	0.992266	0.351874	0.44915	UP	693.5283	693.5255
5032	M693T9	3.472241	1.795867	1.046503	0.351913	0.44916	UP	693.4931	693.4924
5033	M337T10	1.793882	0.843085	0.989091	0.351935	0.449166	UP	337.2126	337.2117
5034	M290T29_	1.932631	0.950566	0.990766	0.352235	0.449243	UP	290.1388	290.1387
5035	M522T13	3.939314	1.977945	1.026649	0.352236	0.449243	UP	522.0546	522.0544
5036	M342T15	1.404562	0.49012	0.988125	0.352351	0.449273	UP	342.1914	342.1909
5037	M521T11	1.522883	0.606805	0.987741	0.352397	0.449284	UP	521.1586	521.1572
5038	M512T27	1.386866	-0.47183	-0.98791	0.352505	0.449312	DOWN	512.3353	512.3341
5039	M568T10	1.789647	0.839675	0.989808	0.352547	0.449323	UP	567.9334	567.9311
5040	M456T10_	2.638004	1.399447	1.001098	0.352712	0.449365	UP	456.1873	456.1871
5041	M698T9_2	2.017739	1.012739	0.999835	0.352844	0.449399	UP	698.4874	698.484
5042	M737T41_	2.363718	-1.24106	-1.03592	0.352855	0.449402	DOWN	737.4136	737.4126
5043	M330T32	1.732025	-0.79246	-0.99607	0.352902	0.449414	DOWN	330.2359	330.2356
5044	M282T11	1.775303	0.828065	0.987724	0.35293	0.449421	UP	282.1944	282.1941
5045	M380T34	2.158139	1.109788	1.012915	0.353001	0.44944	UP	380.277	380.2764
5046	M754T31	1.812623	-0.85808	-0.99642	0.353112	0.449468	DOWN	754.1994	754.1987
5047	M319T19_	1.494663	0.57982	0.985907	0.353204	0.449491	UP	318.851	318.8509
5048	M667T9	3.625454	1.858162	1.028093	0.353418	0.449546	UP	667.338	667.3352
5049	M359T9_7	3.031068	1.599826	1.027561	0.353467	0.449559	UP	359.4214	359.421
5050	M168T21	1.858821	0.894388	0.989912	0.35375	0.449631	UP	168.0746	168.0737
5051	M624T11_	1.933554	0.951255	0.984012	0.35393	0.449677	UP	623.8023	623.8006
5052	M454T27_	1.956623	-0.96837	-1.02851	0.354048	0.449707	DOWN	454.3378	454.3376
5053	M331T10_	1.894856	0.922088	0.987841	0.354061	0.449711	UP	331.2549	331.2543
5054	M505T28	1.644888	0.71799	0.985353	0.354078	0.449715	UP	504.8901	504.8891
5055	M376T9_2	2.957734	1.564492	1.012906	0.354143	0.449732	UP	375.8789	375.8787
5056	M629T11	1.854351	0.890915	0.983839	0.354215	0.44975	UP	629.4404	629.4389
5057	M504T43_	1.137952	0.18644	0.984932	0.354463	0.449813	UP	504.0227	504.0222
5058	M642T38	1.616758	0.693103	0.982843	0.354521	0.449828	UP	642.4791	642.4784
5059	M211T25_	3.034901	-1.60165	-1.04169	0.354735	0.449882	DOWN	211.1693	211.1692
5060	M196T22	1.971721	0.979456	0.983595	0.354778	0.449893	UP	196.0927	196.0925
5061	M555T39	1.423943	0.509891	0.984078	0.354779	0.449893	UP	555.445	555.444
5062	M694T9	3.031912	1.600228	1.04248	0.35488	0.449919	UP	694.497	694.4967
5063	M314T30_	1.41029	0.495992	0.983131	0.354894	0.449923	UP	314.3055	314.305
5064	M596T29_	1.611767	0.688643	0.982748	0.354916	0.449928	UP	596.2644	596.263
5065	M409T11_	1.667673	0.737837	0.982416	0.354939	0.449934	UP	409.3063	409.306
5066	M326T10	2.223067	1.152552	1.006493	0.355127	0.449982	UP	326.2631	326.2618
5067	M377T10_	3.394824	1.763337	1.013808	0.355211	0.450003	UP	377.3299	377.3294
5068	M357T9_3	3.630352	1.860109	1.034617	0.355479	0.450071	UP	357.2152	357.2147
5069	M633T10_	2.669748	1.416703	0.989954	0.3555	0.450077	UP	632.7019	632.7012
5070	M279T31_	1.46947	0.555296	0.981796	0.355528	0.450084	UP	279.1591	279.1587
5071	M490T12	2.057407	1.040827	1.003369	0.35558	0.450097	UP	490.3254	490.3245
5072	M236T21	2.356641	-1.23673	-1.03382	0.355651	0.450115	DOWN	236.1648	236.1645
5073	M275T28_	1.783917	0.835049	0.981826	0.355666	0.450119	UP	274.6256	274.6254
5074	M414T15	6.956322	-2.79832	-1.04098	0.355695	0.450126	DOWN	414.1775	414.1764
5075	M603T34	3.521791	1.816309	1.029865	0.355847	0.450164	UP	603.4772	603.476

5076	M452T35	2.610229	1.384176	1.017818	0.355976	0.450197	UP	452.3663	452.3653
5077	M459T12	1.763572	0.818501	1.009892	0.35598	0.450198	UP	459.2013	459.2008
5078	M377T10_	3.666444	1.874381	1.017652	0.35599	0.450201	UP	376.9346	376.9344
5079	M470T35	2.786601	1.478506	1.036091	0.356059	0.450218	UP	470.3957	470.3949
5080	M753T44	1.432553	0.518588	0.986123	0.356089	0.450226	UP	753.3806	753.3797
5081	M576T23_	2.665103	1.414191	1.009047	0.356362	0.450295	UP	576.0581	576.0576
5082	M659T9_2	2.641539	1.401379	0.996023	0.356427	0.450311	UP	658.5918	658.5903
5083	M680T9_1	1.682147	0.750304	0.984003	0.356684	0.450376	UP	679.608	679.5967
5084	M224T30	2.293026	-1.19725	-1.02257	0.35672	0.450385	DOWN	224.0998	224.0995
5085	M340T18_	1.348134	-0.43096	-1.00933	0.356838	0.450415	DOWN	340.2488	340.2486
5086	M359T22_	1.957474	0.968993	0.980439	0.356841	0.450415	UP	358.9881	358.9874
5087	M1983T9	4.196245	2.069099	1.029568	0.356858	0.45042	UP	1983.124	1983.118
5088	M319T35	1.722734	0.7847	0.978325	0.356926	0.450437	UP	319.2844	319.2839
5089	M395T21_	1.672798	0.742263	0.977446	0.357098	0.45048	UP	395.3269	395.3266
5090	M558T35	2.443624	1.289022	1.033091	0.357148	0.450493	UP	558.4483	558.4475
5091	M554T42_	1.161	-0.21537	-1.00898	0.357159	0.450496	DOWN	554.3938	554.3926
5092	M594T31_	1.673334	0.742725	0.986303	0.357307	0.450533	UP	594.2695	594.2687
5093	M487T30_	2.473747	-1.3067	-0.9976	0.357382	0.450552	DOWN	487.3584	487.3582
5094	M357T9_2	3.519059	1.81519	1.027428	0.357444	0.450567	UP	357.1557	357.1551
5095	M280T27_	1.881752	-0.91208	-1.01879	0.357558	0.450596	DOWN	280.1051	280.1048
5096	M1589T10	3.176546	1.667459	0.998699	0.357712	0.450635	UP	1588.62	1588.617
5097	M1966T9	3.234724	1.693643	1.020342	0.357752	0.450645	UP	1966.202	1966.198
5098	M443T32_	1.981047	0.986263	1.01124	0.357974	0.4507	UP	443.0312	443.0312
5099	M400T33	1.407185	-0.49281	-0.97664	0.357981	0.450702	DOWN	400.3423	400.3417
5100	M490T26_	2.196345	-1.1351	-0.9994	0.358051	0.45072	DOWN	490.2903	490.2898
5101	M687T37_	1.623398	0.699017	0.975466	0.358101	0.450732	UP	686.5053	686.5041
5102	M350T44_	1.3041	0.383054	0.990913	0.358109	0.450734	UP	350.2173	350.2167
5103	M629T20	2.312853	1.209673	0.976415	0.358151	0.450745	UP	629.0753	629.0746
5104	M567T10_	1.805487	0.852388	0.975097	0.358152	0.450745	UP	567.4311	567.4295
5105	M457T10	2.437711	1.285527	0.995171	0.358155	0.450746	UP	457.1844	457.1842
5106	M278T19_	2.533772	-1.34129	-1.02602	0.358157	0.450746	DOWN	278.046	278.0457
5107	M362T19_	1.785496	0.836325	0.995263	0.35818	0.450752	UP	362.2695	362.2689
5108	M607T25	2.025742	1.01845	0.985877	0.358193	0.450755	UP	607.3595	607.3586
5109	M333T11	1.763503	0.818444	0.974618	0.358296	0.450781	UP	333.1942	333.1934
5110	M700T9_1	2.249318	1.169488	1.011284	0.358526	0.450838	UP	699.53	699.5283
5111	M1042T31	3.893466	-1.96106	-1.02235	0.358672	0.450875	DOWN	1041.689	1041.688
5112	M462T30	1.62032	0.696279	0.973067	0.359019	0.450962	UP	462.3773	462.3766
5113	M496T37	1.443482	-0.52955	-0.97708	0.359177	0.451001	DOWN	496.4835	496.4827
5114	M275T9	3.512832	1.812635	1.025537	0.359206	0.451008	UP	274.6367	274.6359
5115	M659T41_	1.619492	-0.69554	-0.99144	0.359211	0.45101	DOWN	659.2876	659.2863
5116	M540T12	1.858022	0.893768	0.974996	0.359239	0.451017	UP	540.4075	540.407
5117	M204T10_	3.108419	1.636181	1.019984	0.359553	0.451095	UP	203.5582	203.5578
5118	M282T14_	1.891536	0.919558	0.974109	0.359756	0.451145	UP	282.2794	282.279
5119	M379T9	3.555364	1.829997	1.014308	0.359757	0.451146	UP	378.6561	378.6558
5120	M603T24	2.125077	1.087515	0.984634	0.359887	0.451178	UP	603.1458	603.1457
5121	M392T17	3.058892	1.613009	0.995934	0.360001	0.451206	UP	391.9973	391.9972
5122	M461T18_	1.856906	0.892901	0.971213	0.360057	0.45122	UP	460.9126	460.912

5123	M420T10_	1.686053	0.75365	0.970949	0.360061	0.451221	UP	420.2377	420.2373
5124	M472T10	2.183282	1.126499	0.980624	0.360068	0.451223	UP	471.6515	471.6507
5125	M377T17	2.001645	1.001186	0.970875	0.36009	0.451228	UP	376.9155	376.9146
5126	M637T43_	1.137824	0.186277	0.975071	0.360094	0.451229	UP	637.4546	637.4534
5127	M621T17_	1.484702	0.570174	0.972061	0.3601	0.451231	UP	621.4866	621.4855
5128	M566T10	1.803469	0.850775	0.970557	0.360334	0.451289	UP	566.4282	566.4265
5129	M369T9_3	3.292276	1.719085	0.996609	0.360381	0.451301	UP	369.4816	369.4809
5130	M540T35_	2.812172	1.491685	1.012796	0.360385	0.451301	UP	540.4184	540.4176
5131	M373T37_	1.618141	-0.69434	-0.97234	0.360454	0.451319	DOWN	373.0985	373.0977
5132	M554T11	2.178003	1.123006	0.982007	0.360747	0.451391	UP	554.1648	554.1643
5133	M564T22_	2.773431	1.471672	1.007475	0.360867	0.451421	UP	564.1643	564.1634
5134	M395T19_	3.58917	1.84365	1.014394	0.36095	0.451442	UP	395.0791	395.079
5135	M611T10_	4.73094	2.242127	1.014943	0.360959	0.451444	UP	610.8422	610.8415
5136	M630T11_	1.887683	0.916617	0.970251	0.361037	0.451463	UP	630.4436	630.442
5137	M229T10_	1.640038	0.71373	0.96892	0.361129	0.451486	UP	229.1629	229.1626
5138	M310T17_	1.531211	0.614673	0.970196	0.361299	0.451528	UP	310.2435	310.2435
5139	M478T9_4	3.908046	1.966448	1.005248	0.361364	0.451544	UP	478.1789	478.1785
5140	M1052T10	2.202439	1.139102	0.989997	0.361393	0.451551	UP	1052.223	1052.222
5141	M239T12	2.691452	1.428385	1.019927	0.361448	0.451565	UP	239.128	239.1277
5142	M379T10_	5.478563	2.453798	1.01862	0.361509	0.45158	UP	379.0895	379.0893
5143	M451T35	2.380926	1.251523	1.000315	0.361601	0.451602	UP	451.363	451.3621
5144	M245T26	1.906718	0.931092	0.976059	0.361651	0.451615	UP	245.0837	245.0833
5145	M600T24_	1.995811	0.996975	0.970749	0.361664	0.451618	UP	600.1179	600.1175
5146	M709T10_	4.780702	2.257223	1.022932	0.361737	0.451636	UP	708.5411	708.5402
5147	M387T23_	2.178804	1.123537	0.981964	0.361799	0.451651	UP	387.1056	387.1055
5148	M568T40	3.933044	1.975646	1.025763	0.362234	0.451758	UP	568.4502	568.4494
5149	M395T14	1.850428	0.887859	0.995785	0.362303	0.451775	UP	395.2696	395.2687
5150	M228T10_	1.862517	0.897254	0.976979	0.362317	0.451779	UP	227.6772	227.6769
5151	M481T9_3	2.6297	1.394898	0.986887	0.362355	0.451788	UP	481.3038	481.3013
5152	M227T10_	1.769113	0.823026	0.965833	0.362414	0.451803	UP	227.1757	227.1749
5153	M840T11	1.940772	0.956631	0.975919	0.362457	0.451813	UP	840.3748	840.3712
5154	M716T10_	3.442434	1.783429	1.005656	0.362608	0.45185	UP	716.4369	716.4353
5155	M429T16_	5.730556	2.518675	1.01827	0.362621	0.451853	UP	429.0252	429.0247
5156	M458T30_	1.513323	-0.59772	-0.97133	0.362772	0.45189	DOWN	458.2987	458.2985
5157	M695T41	1.797932	-0.84634	-0.98375	0.362867	0.451914	DOWN	695.3592	695.3575
5158	M488T42_	1.204049	0.267895	0.969822	0.363032	0.451954	UP	488.1228	488.1218
5159	M594T9_2	3.124701	1.643718	1.020583	0.363036	0.451955	UP	594.2719	594.2703
5160	M596T30_	1.54111	-0.62397	-0.98017	0.363094	0.451969	DOWN	596.3354	596.3344
5161	M621T7	3.580461	1.840145	1.011752	0.363245	0.452006	UP	621.3727	621.3722
5162	M891T10	2.12833	1.089722	0.965472	0.363432	0.452052	UP	891.4204	891.4196
5163	M376T10_	3.316162	1.729514	0.995263	0.363452	0.452057	UP	375.5925	375.5923
5164	M675T41	1.794407	-0.84351	-0.98407	0.363652	0.452106	DOWN	675.2616	675.2602
5165	M423T18_	2.402952	1.264808	0.987088	0.363676	0.452112	UP	422.9865	422.986
5166	M772T33	2.414879	1.271951	0.963789	0.363811	0.452145	UP	772.2218	772.2214
5167	M548T19	4.999186	-2.32169	-1.01981	0.363973	0.452184	DOWN	547.9944	547.9942
5168	M225T20	1.917761	0.939423	0.964143	0.364004	0.452192	UP	225.0324	225.0322
5169	M718T29	1.89391	0.921368	0.96665	0.364016	0.452195	UP	718.1953	718.1952

5170	M566T9_2	2.09597	1.067618	1.015342	0.364283	0.45226	UP	566.277	566.2754
5171	M786T26	1.783753	0.834916	0.962592	0.364325	0.45227	UP	786.0947	786.0945
5172	M401T10_	1.556622	0.638418	0.985289	0.364371	0.452282	UP	401.008	401.002
5173	M760T34	2.049054	1.034958	0.978154	0.364434	0.452297	UP	759.5475	759.5465
5174	M453T9_2	4.532366	2.180265	1.007316	0.364527	0.45232	UP	452.7995	452.7955
5175	M999T34	2.918308	1.545132	0.995961	0.364598	0.452337	UP	998.7122	998.7112
5176	M335T39_	1211.849	10.24299	1.02185	0.364623	0.452343	UP	335.2944	335.2888
5177	M183T10	1.705601	0.77028	0.963981	0.364924	0.452416	UP	183.1572	183.1569
5178	M699T9_1	2.091447	1.064502	0.993481	0.36517	0.452476	UP	698.5266	698.5244
5179	M599T24_	1.919822	0.940972	0.969035	0.365193	0.452481	UP	599.1145	599.114
5180	M973T11	3.096249	1.630521	0.986539	0.3653	0.452507	UP	973.4483	973.4449
5181	M547T12	1.915835	0.937973	0.961532	0.365369	0.452524	UP	547.3477	547.3477
5182	M632T38	1.643542	0.716809	0.965672	0.365404	0.452533	UP	631.9521	631.952
5183	M434T45_	1.153202	-0.20564	-0.96212	0.365416	0.452536	DOWN	434.2745	434.2741
5184	M622T30_	1.107528	0.147344	0.95975	0.365457	0.452545	UP	622.4435	622.4426
5185	M390T10	1.9572	0.968792	0.964803	0.36557	0.452573	UP	389.7181	389.7176
5186	M315T11_	1.806564	0.853249	0.960228	0.365604	0.452581	UP	314.7224	314.7217
5187	M659T43_	1.138658	0.187335	0.976863	0.365663	0.452596	UP	658.9659	658.9645
5188	M781T10	2.668128	1.415828	0.994402	0.365694	0.452603	UP	781.4425	781.4401
5189	M349T9_2	1.657168	-0.72872	-0.9642	0.365703	0.452605	DOWN	348.7727	348.7723
5190	M358T9_7	2.983168	1.576845	0.981816	0.365726	0.452611	UP	358.4736	358.4731
5191	M697T9_2	1.720366	0.782716	0.963151	0.365726	0.452611	UP	696.5388	696.5378
5192	M341T10_	1.920394	0.941402	0.962667	0.36573	0.452612	UP	340.7615	340.7604
5193	M519T32_	1.996361	0.997373	0.960515	0.365882	0.452649	UP	519.0612	519.0611
5194	M557T28	2.000728	1.000525	0.96187	0.365887	0.45265	UP	557.2158	557.2143
5195	M341T10_	3.532035	1.8205	1.005311	0.366001	0.452677	UP	340.6156	340.6146
5196	M539T11	2.896617	1.534369	0.981101	0.366035	0.452686	UP	539.1612	539.1601
5197	M533T30_	1.626045	-0.70137	-0.96883	0.366088	0.452698	DOWN	533.3435	533.3427
5198	M367T10_	3.93171	1.975157	1.000673	0.366123	0.452707	UP	367.3232	367.3232
5199	M495T35	2.44392	1.289197	0.991646	0.36613	0.452709	UP	495.3891	495.3881
5200	M435T16	2.021836	1.015666	0.958335	0.366201	0.452726	UP	434.9127	434.9125
5201	M476T22	1.780305	0.832125	0.981729	0.366282	0.452745	UP	475.9153	475.9151
5202	M575T29_	1.702784	0.767896	0.95899	0.366407	0.452775	UP	575.2629	575.2615
5203	M987T32	1.585845	0.665252	0.96642	0.36642	0.452778	UP	986.6638	986.6628
5204	M331T39	1.457103	-0.5431	-0.96817	0.366577	0.452817	DOWN	331.212	331.2118
5205	M664T9	230.8116	7.850572	1.016987	0.366669	0.452839	UP	664.4474	664.4473
5206	M478T34	3.350392	1.74433	1.004724	0.366804	0.452871	UP	477.8408	477.8403
5207	M658T35_	2.753246	1.461134	1.014426	0.366853	0.452883	UP	658.4741	658.4729
5208	M369T13	2.018327	1.01316	1.002444	0.366889	0.452892	UP	369.1634	369.1632
5209	M375T9_2	2.450282	1.292948	0.975108	0.366945	0.452905	UP	375.4673	375.4669
5210	M541T32	6.793325	-2.76412	-1.01094	0.36734	0.453008	DOWN	541.3285	541.3281
5211	M326T38	1.598708	0.676907	0.98012	0.367537	0.45306	UP	326.1627	326.1623
5212	M493T14	1.55955	0.64113	0.957237	0.367696	0.453101	UP	493.3834	493.383
5213	M620T17_	1.457397	0.543394	0.95518	0.367814	0.453131	UP	620.4831	620.4819
5214	M458T32	1.541631	0.624457	0.956925	0.367888	0.453151	UP	458.0559	458.0493
5215	M450T26	2.38015	1.251053	0.978362	0.368052	0.453193	UP	450.1086	450.1081
5216	M343T20	1.437743	0.523806	0.95734	0.368095	0.453204	UP	343.2958	343.2951

5217	M298T32_	1.46737	-0.55323	-0.98236	0.368107	0.453208	DOWN	298.0822	298.0817
5218	M412T22_	1.947183	0.961388	0.958982	0.368133	0.453214	UP	411.9993	411.9981
5219	M698T7	4.478147	2.162902	1.000107	0.368431	0.453292	UP	697.5424	697.5413
5220	M372T13	1.406032	0.491629	0.962482	0.368609	0.453338	UP	372.2384	372.2378
5221	M343T16_	2.013738	1.009876	0.986438	0.36863	0.453343	UP	343.1883	343.1875
5222	M268T27_	2.141864	-1.09887	-0.9948	0.368644	0.453347	DOWN	268.1755	268.175
5223	M499T34_	1.773472	0.826576	0.954697	0.368975	0.453432	UP	498.8556	498.855
5224	M328T14	1.699249	0.764897	0.952796	0.368982	0.453434	UP	328.2849	328.2842
5225	M282T15_	1.962831	0.972936	0.958322	0.369009	0.453441	UP	282.079	282.0789
5226	M406T13	1.898502	0.924862	0.952583	0.36901	0.453441	UP	406.2955	406.2951
5227	M562T25_	2.053854	1.038333	0.970018	0.369067	0.453456	UP	562.3692	562.3682
5228	M348T9_4	2.449573	1.29253	0.969606	0.36935	0.453529	UP	348.3457	348.3449
5229	M290T11_	3.806865	1.928603	0.998326	0.369404	0.453543	UP	290.1061	290.1057
5230	M256T19_	2.212107	1.145421	0.959773	0.369428	0.453549	UP	256.1627	256.1622
5231	M524T35_	1.742715	-0.80134	-0.95105	0.369434	0.453551	DOWN	524.3706	524.3702
5232	M376T9_5	3.029829	1.599236	0.973667	0.369596	0.453593	UP	376.2912	376.2911
5233	M339T32_	2.058895	1.04187	0.983167	0.369775	0.453639	UP	339.2321	339.2318
5234	M342T22_	1.97447	0.981466	0.956261	0.369853	0.453659	UP	342.1495	342.1488
5235	M309T13	1.707508	0.771893	0.951865	0.369871	0.453663	UP	309.2622	309.2619
5236	M228T10_	1.440551	0.526621	0.951508	0.370012	0.4537	UP	228.1593	228.1591
5237	M491T9_5	2.267704	1.181233	0.982266	0.370033	0.453705	UP	491.3181	491.3139
5238	M411T40	2.129618	1.090595	1.007556	0.370056	0.453711	UP	411.3191	411.319
5239	M439T26	2.921833	-1.54687	-0.99182	0.370097	0.453722	DOWN	439.0261	439.0258
5240	M407T35	2.202322	1.139026	0.975088	0.370224	0.453754	UP	407.3368	407.3361
5241	M668T26	1.741398	0.800246	0.953137	0.370228	0.453755	UP	668.159	668.1575
5242	M734T32	1.972491	-0.98002	-0.95465	0.370233	0.453757	DOWN	734.1953	734.1944
5243	M359T9_6	2.883023	1.527582	0.980725	0.37025	0.453761	UP	359.3419	359.3412
5244	M320T35	1.717568	0.780367	0.950125	0.370258	0.453763	UP	320.2878	320.2872
5245	M454T26	2.098046	1.069047	0.950612	0.370335	0.453783	UP	454.0597	454.0593
5246	M499T24	4.572131	-2.19287	-1.00578	0.370556	0.453839	DOWN	499.1771	499.1771
5247	M554T10	2.250566	1.170288	0.95961	0.370763	0.453893	UP	554.4644	554.4632
5248	M315T30_	1.376995	0.461523	0.950178	0.370794	0.453901	UP	315.3089	315.3083
5249	M218T22_	1.880351	0.911002	0.967525	0.370883	0.453923	UP	218.0193	218.0192
5250	M385T23_	1.99231	0.994442	0.988579	0.370929	0.453935	UP	385.3788	385.3701
5251	M232T22_	1.786532	0.837162	0.986102	0.371067	0.45397	UP	232.0449	232.0392
5252	M350T25	1.706075	0.770681	0.986334	0.371086	0.453975	UP	350.2047	350.2045
5253	M1131T9	4.226563	2.079485	0.989665	0.371128	0.453986	UP	1131.423	1131.418
5254	M452T9_4	2.302033	-1.20291	-0.99759	0.371132	0.453987	DOWN	452.4109	452.4104
5255	M468T12_	10.86612	-3.44176	-1.00603	0.371157	0.453993	DOWN	468.2244	468.2241
5256	M424T20	1.728198	0.789268	0.959398	0.371216	0.454009	UP	423.7816	423.7809
5257	M317T10	3.637962	1.86313	0.978241	0.371378	0.45405	UP	316.6136	316.6134
5258	M431T11_	25.22441	-4.65675	-1.00574	0.371404	0.454057	DOWN	431.1157	431.1152
5259	M638T22	2.546995	-1.3488	-0.99215	0.37141	0.454058	DOWN	638.2818	638.2814
5260	M485T10_	1.772605	0.825871	0.947857	0.371831	0.454183	UP	485.2168	485.2152
5261	M535T17	2.868837	1.520466	0.962856	0.371977	0.454227	UP	535.0692	535.0688
5262	M316T30_	1.809914	-0.85592	-0.97897	0.372183	0.454288	DOWN	316.2847	316.2843
5263	M204T10_	2.9494	1.560422	0.98862	0.372231	0.454302	UP	203.7225	203.7222

5264	M439T23	1.911941	0.935038	0.945929	0.372392	0.45435	UP	439.262	439.2616
5265	M418T9_1	1.873478	-0.90572	-0.9453	0.372409	0.454355	DOWN	417.9204	417.9198
5266	M381T10	1.937939	0.954523	0.94459	0.372519	0.454387	UP	381.2907	381.2905
5267	M402T10_	1.865776	0.899776	0.985278	0.37264	0.454423	UP	402.0627	402.0599
5268	M643T38	1.638498	0.712374	0.943953	0.372849	0.454485	UP	643.4826	643.4821
5269	M659T18_	2.059353	1.042191	0.944089	0.372853	0.454486	UP	658.9479	658.9468
5270	M583T43	1.41733	0.503176	0.997857	0.372912	0.454503	UP	583.4762	583.4753
5271	M378T42	1.731943	0.792392	0.943964	0.373019	0.454535	UP	378.3216	378.3214
5272	M366T9_1	2.905644	1.538858	0.961643	0.373262	0.454607	UP	365.8494	365.8493
5273	M327T23_	2.016122	1.011583	0.944834	0.373324	0.454625	UP	327.3007	327.3001
5274	M339T26	5.165782	-2.36899	-0.99893	0.373357	0.454635	DOWN	339.1929	339.1926
5275	M542T11	2.872671	1.522393	0.963516	0.373367	0.454638	UP	542.1601	542.1595
5276	M291T28_	2.415645	-1.27241	-0.98502	0.373443	0.45466	DOWN	291.1806	291.1799
5277	M339T10_	2.065706	1.046635	0.95638	0.373593	0.454705	UP	338.9463	338.9431
5278	M390T31_	1.263333	0.337235	0.947074	0.373666	0.454726	UP	390.1728	390.1727
5279	M703T36	1.555807	0.637664	0.94211	0.373713	0.45474	UP	702.5369	702.5359
5280	M706T33	1.855447	0.891767	0.952014	0.373817	0.45477	UP	705.9895	705.9892
5281	M729T9_3	4.073095	2.026125	0.97979	0.373857	0.454782	UP	729.1998	729.1994
5282	M307T26	1.970009	0.978202	0.955015	0.373864	0.454784	UP	307.1311	307.1304
5283	M354T21	3.19066	1.673855	0.987709	0.373905	0.454796	UP	354.0764	354.0754
5284	M341T10_	1.939918	0.955995	0.94642	0.373944	0.454808	UP	341.2632	341.262
5285	M332T22_	1.741666	0.800468	0.965585	0.374083	0.454849	UP	332.165	332.1648
5286	M554T9	2.748507	1.458648	0.974424	0.374285	0.454908	UP	554.2718	554.2705
5287	M306T35_	1.35423	0.437473	0.946641	0.374358	0.45493	UP	306.264	306.2637
5288	M333T9_1	2.333697	1.222617	0.955906	0.374402	0.454943	UP	332.7971	332.7964
5289	M212T10_	2.824014	1.497747	0.957582	0.374523	0.454978	UP	212.2515	212.2512
5290	M301T38_	3.267531	1.708201	0.997462	0.374583	0.454995	UP	301.2374	301.237
5291	M333T17_	2.347452	1.231095	0.942436	0.374824	0.455066	UP	333.0999	333.0997
5292	M457T24_	1.877255	0.908624	0.951236	0.374832	0.455069	UP	457.2151	457.2146
5293	M413T27	2.370398	1.245129	0.980596	0.374895	0.455087	UP	413.2301	413.2293
5294	M329T23	2.059713	1.042443	0.948699	0.374913	0.455092	UP	329.3164	329.3162
5295	M336T21_	1.697743	0.763618	0.945098	0.375069	0.455138	UP	336.0533	336.0533
5296	M792T45	1.130882	0.177448	0.939162	0.375199	0.455176	UP	791.6189	791.6184
5297	M277T10_	3.689659	1.883488	0.986516	0.375379	0.455229	UP	276.9891	276.9887
5298	M447T30_	1.76026	-0.81579	-0.98296	0.375455	0.455251	DOWN	447.3105	447.3102
5299	M367T39	1.55834	0.64001	0.980072	0.375768	0.455343	UP	367.2035	367.2035
5300	M503T10	2.166518	1.115378	0.946392	0.375795	0.45535	UP	503.1897	503.1882
5301	M731T9_1	3.506559	1.810056	0.972027	0.37602	0.455416	UP	730.7883	730.7878
5302	M277T16	2.45884	1.297978	0.953015	0.376059	0.455427	UP	277.056	277.0558
5303	M360T10_	2.793534	1.482091	0.976037	0.376136	0.45545	UP	360.1931	360.1926
5304	M374T19_	1.702317	0.7675	0.940779	0.376166	0.455459	UP	374.2752	374.2746
5305	M286T9	2.653042	-1.40765	-0.97283	0.376302	0.455498	DOWN	285.7425	285.7424
5306	M337T35_	1.752124	0.809105	0.939656	0.376319	0.455503	UP	337.3143	337.3133
5307	M602T28	2.09873	1.069516	0.950205	0.376343	0.45551	UP	602.2184	602.2177
5308	M359T23	2.486919	1.31436	0.965882	0.376408	0.455529	UP	359.0904	359.09
5309	M322T13	1.966663	0.975749	0.944104	0.376437	0.455538	UP	322.0375	322.0374
5310	M344T32	1.780453	-0.83224	-0.98826	0.376441	0.455539	DOWN	344.3162	344.3155

5311	M310T26_	1.951593	0.964652	0.94777	0.376465	0.455546	UP	310.1298	310.1293
5312	M458T24_	1.909853	0.933462	0.943056	0.376518	0.455561	UP	458.2185	458.2182
5313	M807T10	1.940201	0.956206	0.939944	0.376587	0.455581	UP	807.4694	807.4689
5314	M320T24_	2.183127	1.126396	0.988949	0.376687	0.455561	UP	320.2225	320.2219
5315	M457T26	1.953383	0.965975	0.954494	0.376728	0.455622	UP	457.057	457.0562
5316	M395T19_	1.544789	0.62741	0.938335	0.376901	0.455673	UP	395.1278	395.1269
5317	M834T11	2.121935	-1.08538	-0.97406	0.377232	0.455769	DOWN	834.3513	834.3483
5318	M721T23	1.873126	0.905448	0.945481	0.377235	0.45577	UP	721.4481	721.4472
5319	M1006T10	4.896622	2.291787	0.978821	0.377297	0.455788	UP	1006.401	1006.399
5320	M515T23_	1.633167	-0.70767	-0.94804	0.377629	0.455884	DOWN	515.3195	515.3189
5321	M314T11	1.784069	0.835172	0.935368	0.377686	0.4559	UP	314.2207	314.22
5322	M756T30	1.175821	-0.23367	-0.93446	0.377833	0.455943	DOWN	755.5254	755.524
5323	M902T41	1.942952	-0.95825	-0.94672	0.378011	0.455995	DOWN	902.459	902.458
5324	M698T44	1.617773	0.694009	0.93425	0.378039	0.456003	UP	698.3301	698.3298
5325	M492T14	1.518942	0.603067	0.93602	0.378134	0.45603	UP	492.3796	492.3787
5326	M793T11_	1.670475	0.740258	0.934042	0.378171	0.456041	UP	792.5971	792.5949
5327	M790T10_	2.252792	1.171714	0.966882	0.378271	0.45607	UP	790.4497	790.4481
5328	M351T31_	1.414442	0.500233	0.936235	0.378555	0.456152	UP	351.0891	351.0891
5329	M620T17_	1.445882	0.53195	0.932532	0.378666	0.456184	UP	620.4832	620.4821
5330	M553T24_	1.60226	0.680108	0.932827	0.378704	0.456195	UP	553.2095	553.2094
5331	M270T33	1.146221	-0.19689	-0.93267	0.378738	0.456205	DOWN	270.3156	270.3151
5332	M291T30	2.081894	-1.0579	-0.96859	0.379272	0.456359	DOWN	291.2294	291.2289
5333	M279T31_	1.627995	0.703096	0.930659	0.379305	0.456368	UP	278.8066	278.8064
5334	M266T13_	2.597526	-1.37714	-0.97755	0.379318	0.456372	DOWN	266.1728	266.1724
5335	M419T29	1.814306	0.859418	0.931702	0.379467	0.456415	UP	419.1265	419.1264
5336	M486T42	1.091351	0.126115	0.930617	0.379539	0.456436	UP	486.1259	486.1247
5337	M516T39	2.104673	1.073596	0.969062	0.379606	0.456455	UP	516.3684	516.3676
5338	M503T11_	1.872247	0.904771	0.935711	0.379757	0.456498	UP	503.1658	503.1597
5339	M477T11_	20.32413	-4.34512	-0.98622	0.379802	0.456511	DOWN	477.1211	477.1206
5340	M272T25	2.374638	-1.24771	-0.9829	0.379808	0.456513	DOWN	272.1858	272.1855
5341	M201T2	1.736694	0.796344	0.973442	0.379864	0.456529	UP	201.0081	201.0078
5342	M348T9_5	2.466989	1.302751	0.948741	0.379875	0.456532	UP	348.3625	348.3618
5343	M294T12	1.56773	0.648677	0.929361	0.379933	0.456549	UP	294.2066	294.2062
5344	M339T13_	5.571456	2.478054	0.9796	0.380169	0.456617	UP	339.053	339.0525
5345	M212T9_2	2.854393	1.513184	0.945949	0.380211	0.456629	UP	212.4718	212.4713
5346	M226T21	2.742112	-1.45529	-0.97668	0.380566	0.456731	DOWN	226.1804	226.1801
5347	M220T10_	1.981837	0.986838	0.931411	0.380592	0.456738	UP	220.178	220.1779
5348	M574T30_	7.385839	-2.88476	-0.98398	0.380669	0.45676	DOWN	574.3296	574.3286
5349	M430T26	1.39077	-0.47588	-0.94261	0.380923	0.456833	DOWN	430.0245	430.0175
5350	M582T29_	2.180405	1.124596	0.944047	0.381087	0.45688	UP	582.2279	582.2273
5351	M520T27	1.733879	0.794003	0.928255	0.381184	0.456907	UP	520.0354	520.0353
5352	M587T11_	2.541229	1.345526	0.964087	0.381211	0.456915	UP	587.3177	587.3172
5353	M289T26_	1.51621	-0.60047	-0.95313	0.381218	0.456917	DOWN	289.2127	289.2121
5354	M542T32_	6.357727	-2.66851	-0.98205	0.381272	0.456933	DOWN	541.83	541.8213
5355	M694T34	3.486018	1.80158	0.972008	0.38157	0.457018	UP	693.7946	693.7941
5356	M390T22_	1.785477	0.83631	0.925524	0.381765	0.457073	UP	390.1367	390.1365
5357	M301T28	1.785751	0.836531	0.926781	0.381804	0.457084	UP	301.1463	301.1459

5358	M173T17	1.453765	-0.53979	-0.92502	0.382116	0.457173	DOWN	173.0961	173.0959
5359	M353T30_	1.730808	-0.79145	-0.97004	0.382164	0.457187	DOWN	353.2085	353.2082
5360	M1142T11_	1.919466	0.940705	0.930599	0.382321	0.457231	UP	1141.558	1141.554
5361	M408T35	2.286855	1.193365	0.955181	0.382565	0.457301	UP	408.3402	408.3396
5362	M485T42	1.084373	0.116861	0.945837	0.382601	0.457311	UP	485.1321	485.1309
5363	M615T43_	1.130963	0.177552	0.933616	0.382644	0.457323	UP	614.9396	614.9386
5364	M1578T10	2.655737	1.409112	0.934184	0.382767	0.457358	UP	1578.098	1578.094
5365	M524T40	2.564532	1.358696	0.967584	0.382832	0.457377	UP	524.424	524.4239
5366	M561T25	1.974929	0.9818	0.936324	0.382847	0.457381	UP	561.3661	561.3651
5367	M373T33_	1.856912	0.892905	0.927308	0.382903	0.457397	UP	373.1311	373.1309
5368	M471T15	1.671746	0.741356	0.923169	0.382919	0.457401	UP	471.3623	471.3615
5369	M399T30_	2.136977	1.095571	0.927015	0.382956	0.457412	UP	398.5685	398.5682
5370	M234T15	1.704092	0.769003	0.923706	0.383067	0.457443	UP	234.1143	234.1141
5371	M868T34	3.192721	1.674786	0.966478	0.383091	0.45745	UP	867.6362	867.635
5372	M660T32_	1.952098	0.965026	0.955998	0.383092	0.457451	UP	659.9216	659.9213
5373	M1750T10	2.934522	1.553125	0.941712	0.383189	0.457478	UP	1749.798	1749.797
5374	M537T44	1.144049	0.194148	0.925366	0.383287	0.457506	UP	536.9045	536.9036
5375	M612T11_	2.359979	1.238774	0.928567	0.383345	0.457522	UP	611.7932	611.793
5376	M425T34	1.521318	0.605321	0.952968	0.383471	0.457558	UP	424.8003	424.7998
5377	M554T26	1.871786	0.904415	0.925283	0.383696	0.457622	UP	554.1967	554.1957
5378	M427T38	1.88883	-0.91749	-0.96397	0.38374	0.457634	DOWN	427.2453	427.2443
5379	M379T39	1.162294	-0.21698	-0.93469	0.38377	0.457643	DOWN	379.238	379.2374
5380	M218T21	1.634842	0.709151	0.937308	0.383777	0.457645	UP	218.1835	218.1835
5381	M345T32_	2.584089	-1.36966	-0.97522	0.383962	0.457697	DOWN	345.3189	345.3188
5382	M317T21_	1.816881	0.861464	0.920698	0.384167	0.457755	UP	317.1051	317.1042
5383	M240T13	6.52393	2.705741	0.974668	0.384331	0.457801	UP	240.1313	240.1309
5384	M405T9	1.914966	-0.93732	-0.92094	0.384421	0.457827	DOWN	405.2729	405.2728
5385	M702T18	2.044336	1.031633	0.922161	0.384526	0.457856	UP	701.9699	701.9698
5386	M1978T10	2.865709	1.518892	0.951021	0.384729	0.457913	UP	1978.141	1978.136
5387	M394T10_	2.263516	1.178566	0.925452	0.384761	0.457922	UP	394.1793	394.179
5388	M1582T10	3.175654	1.667054	0.940578	0.384776	0.457927	UP	1581.648	1581.645
5389	M567T9	3.585381	1.842126	0.959283	0.384796	0.457932	UP	567.2851	567.285
5390	M587T38	1.412679	-0.49843	-0.96082	0.384807	0.457935	DOWN	586.5043	586.5032
5391	M621T17_	1.450745	0.536794	0.920079	0.384845	0.457946	UP	621.4865	621.4853
5392	M607T11	2.010904	1.007844	0.931445	0.384853	0.457948	UP	607.4804	607.4797
5393	M573T33_	1.633091	0.707606	0.927131	0.384957	0.457978	UP	573.4002	573.4
5394	M306T10	1.922335	0.94286	0.947784	0.384991	0.457987	UP	306.2432	306.2423
5395	M411T10_	1.888603	0.917319	0.923353	0.384994	0.457988	UP	411.3414	411.3401
5396	M154T25_	3.633227	1.861251	0.950061	0.385036	0.458	UP	153.5325	153.5324
5397	M295T34_	3.594937	-1.84597	-0.97071	0.385241	0.458058	DOWN	295.1819	295.1783
5398	M924T9	2.805909	1.488468	0.940049	0.385294	0.458072	UP	923.6941	923.6924
5399	M570T28_	1.582599	-0.6623	-0.93555	0.385351	0.458088	DOWN	570.3194	570.3193
5400	M595T10_	2.525349	1.336483	0.923618	0.385352	0.458089	UP	595.0069	595.0063
5401	M649T32	2.80201	1.486462	0.934144	0.385501	0.458131	UP	649.2409	649.2405
5402	M635T12	1.734141	0.794221	0.91778	0.385571	0.45815	UP	635.4749	635.4736
5403	M981T34	1.746734	0.80466	0.918792	0.385591	0.458156	UP	980.6738	980.673
5404	M481T9_1	2.32672	1.218298	0.929616	0.385654	0.458174	UP	480.804	480.803

5405	M347T21_	3.611858	1.852741	0.962483	0.385799	0.458214	UP	347.2481	347.241
5406	M464T34_	1.618434	0.694598	0.953659	0.385839	0.458226	UP	464.346	464.3452
5407	M350T32_	1.785647	0.836447	0.922369	0.385902	0.458243	UP	350.2984	350.2982
5408	M690T9_2	2.345065	1.229628	0.935061	0.385909	0.458245	UP	690.4989	690.497
5409	M298T11	1.813624	0.858875	0.918651	0.386207	0.458329	UP	298.2075	298.2069
5410	M343T11_	2.075171	1.05323	0.920561	0.386291	0.458352	UP	343.1783	343.1781
5411	M217T17	1.36113	-0.44481	-0.94786	0.386305	0.458356	DOWN	217.1435	217.1433
5412	M262T9	1.744537	0.802844	0.918545	0.386607	0.458441	UP	262.1325	262.1319
5413	M323T13	2.129358	1.090418	0.91659	0.386629	0.458447	UP	322.8997	322.8996
5414	M402T33	1.144805	-0.1951	-0.93039	0.386687	0.458463	DOWN	402.3579	402.3571
5415	M893T31	1.561464	0.642899	0.916348	0.386689	0.458464	UP	892.5435	892.542
5416	M387T37	1.474154	0.559887	0.932679	0.386761	0.458484	UP	387.1617	387.1616
5417	M347T9	2.359559	1.238518	0.933443	0.386819	0.4585	UP	347.2624	347.2617
5418	M384T10_	1.797848	0.846271	0.915407	0.386828	0.458502	UP	384.2577	384.2568
5419	M406T14	1.479945	0.565544	0.916502	0.38704	0.458562	UP	406.2307	406.2299
5420	M402T23	2.802817	-1.48688	-0.95396	0.387046	0.458563	DOWN	402.0667	402.0658
5421	M747T34	1.14814	-0.1993	-0.9157	0.387188	0.458603	DOWN	746.5272	746.5257
5422	M295T11	1.572119	0.652711	0.914973	0.387207	0.458608	UP	295.2383	295.2376
5423	M473T17	1.94003	0.956079	0.915356	0.387399	0.458662	UP	473.21	473.2093
5424	M311T17_	1.530575	0.614074	0.915037	0.387485	0.458686	UP	310.7453	310.7451
5425	M837T29	1.802256	0.849804	0.916137	0.387524	0.458697	UP	836.5954	836.5944
5426	M371T32_	3.550802	-1.82815	-0.9662	0.387594	0.458716	DOWN	371.1357	371.1356
5427	M544T12	1.988042	0.991349	0.930491	0.387795	0.458772	UP	544.3919	544.3906
5428	M549T28	1.720109	0.7825	0.913933	0.38785	0.458788	UP	549.2474	549.2469
5429	M204T10_	2.852314	1.512133	0.953321	0.387996	0.458828	UP	203.9547	203.9543
5430	M373T14_	2.059938	1.042601	0.914154	0.388079	0.458851	UP	372.9868	372.9865
5431	M676T22	1.541337	0.624183	0.926655	0.388088	0.458854	UP	675.5097	675.5093
5432	M226T25_	2.96784	-1.56941	-0.96526	0.388215	0.458889	DOWN	226.1802	226.1801
5433	M241T27_	3.313517	-1.72836	-0.96333	0.388301	0.458913	DOWN	241.0497	241.0494
5434	M462T18	1.565441	0.64657	0.937008	0.388337	0.458923	UP	461.8997	461.8995
5435	M373T19_	1.612814	0.68958	0.9163	0.388623	0.459002	UP	373.2719	373.2711
5436	M1749T9_	3.286317	1.716472	0.936672	0.388682	0.459019	UP	1748.538	1748.537
5437	M564T35_	1.715122	-0.77831	-0.93495	0.388689	0.459021	DOWN	564.2957	564.2952
5438	M365T22_	1.742249	0.800951	0.91156	0.388739	0.459035	UP	365.2902	365.2898
5439	M533T23_	2.509135	1.32719	0.93109	0.388773	0.459044	UP	533.0361	533.0356
5440	M317T13	1.704961	0.769739	0.911139	0.388854	0.459066	UP	317.244	317.2438
5441	M293T34_	1.487485	0.572875	0.927916	0.388939	0.45909	UP	293.2477	293.2475
5442	M681T11	2.373676	1.247123	0.915998	0.388993	0.459105	UP	681.3544	681.3538
5443	M348T10_	1.930989	0.94934	0.922003	0.389348	0.459203	UP	347.6116	347.611
5444	M509T22_	1.914681	0.937104	0.913042	0.389374	0.45921	UP	508.9132	508.9127
5445	M619T17_	1.42034	0.506236	0.910875	0.389553	0.45926	UP	619.4799	619.4787
5446	M358T9_1	3.936348	1.976858	0.947377	0.389633	0.459282	UP	357.5374	357.5372
5447	M247T24_	1.573155	0.653661	0.909647	0.389657	0.459289	UP	247.0959	247.0956
5448	M624T30	1.733319	0.793537	0.912243	0.389692	0.459298	UP	624.2751	624.2741
5449	M373T28	1.792771	-0.84219	-0.93424	0.389721	0.459306	DOWN	373.3143	373.3136
5450	M392T39	1.477474	0.563133	0.909248	0.389953	0.459371	UP	392.337	392.3366
5451	M342T11_	2.112444	1.078913	0.91025	0.390185	0.459435	UP	342.1803	342.1798

5452	M443T36	1.579999	-0.65992	-0.90867	0.39019	0.459436	DOWN	443.239	443.2386
5453	M244T24	1.973811	-0.98098	-0.9172	0.390201	0.459439	DOWN	244.2273	244.2267
5454	M792T11_	2.406887	1.267169	0.91298	0.390316	0.459471	UP	791.897	791.8962
5455	M728T9_1	3.261536	1.705552	0.932902	0.390404	0.459495	UP	727.5644	727.5635
5456	M841T30	1.119749	0.163175	0.921397	0.390524	0.459528	UP	840.5689	840.5677
5457	M426T44	2.889874	-1.53101	-0.95454	0.390529	0.459529	DOWN	426.3127	426.312
5458	M675T10_	3.998762	1.999553	0.94315	0.390617	0.459554	UP	675.3402	675.3397
5459	M413T14_	2.312498	1.209452	0.91115	0.390644	0.459561	UP	413.0097	413.0094
5460	M230T12_	1.342936	0.42539	0.908566	0.39083	0.459612	UP	230.1752	230.1751
5461	M466T12	1.552976	0.635036	0.912641	0.391223	0.45972	UP	466.2283	466.2275
5462	M366T29_	2.531066	-1.33974	-0.95152	0.391228	0.459722	DOWN	366.1393	366.139
5463	M420T33_	1.831551	0.873066	0.927977	0.391242	0.459725	UP	419.8152	419.8145
5464	M456T21_	1.436503	0.522561	0.909478	0.391243	0.459726	UP	456.1679	456.1677
5465	M551T22_	1.552762	0.634837	0.917043	0.391341	0.459753	UP	551.2672	551.267
5466	M267T26_	2.215162	-1.14741	-0.95485	0.39142	0.459774	DOWN	267.1957	267.1954
5467	M449T27_	1.506432	0.591136	0.928522	0.391528	0.459804	UP	449.1728	449.1725
5468	M642T29_	1.842573	-0.88172	-0.91849	0.391601	0.459824	DOWN	642.2466	642.2453
5469	M472T9_3	1.958224	-0.96955	-0.9158	0.391797	0.459878	DOWN	472.3574	472.3566
5470	M228T32_	1.948996	-0.96273	-0.94559	0.391811	0.459881	DOWN	228.2322	228.232
5471	M399T30_	11.0566	3.466836	0.95744	0.391962	0.459923	UP	399.2021	399.1939
5472	M213T28	1.324144	-0.40506	-0.91887	0.392042	0.459945	DOWN	213.2407	213.2403
5473	M755T30	1.124704	0.169545	0.910497	0.392074	0.459953	UP	754.5227	754.5215
5474	M581T41	1.229737	0.29835	0.936799	0.392096	0.45996	UP	581.2428	581.2422
5475	M341T23	2.53419	1.341525	0.956173	0.392129	0.459969	UP	341.2325	341.2325
5476	M348T9_1	2.465058	1.301621	0.921887	0.392336	0.460025	UP	347.6286	347.6278
5477	M791T11	2.393931	1.259382	0.908691	0.392367	0.460034	UP	791.3966	791.3946
5478	M310T10	1.684473	0.752297	0.904921	0.392447	0.460055	UP	310.1629	310.1628
5479	M426T40	1.522319	-0.60627	-0.91649	0.392558	0.460086	DOWN	426.2906	426.29
5480	M684T10_	3.900059	1.963496	0.939398	0.392565	0.460088	UP	684.2588	684.2577
5481	M357T37	1.442337	0.528408	0.9374	0.392637	0.460107	UP	357.2312	357.2309
5482	M328T26_	1.744422	0.802749	0.907356	0.392777	0.460146	UP	328.1573	328.1528
5483	M568T9	1.566045	-0.64713	-0.90976	0.392877	0.460173	DOWN	568.4435	568.4426
5484	M314T16_	1.708478	0.772711	0.902873	0.392972	0.460199	UP	314.1837	314.1834
5485	M514T35	2.225723	1.154274	0.95009	0.393021	0.460212	UP	514.422	514.4217
5486	M519T31_	2.058677	1.041718	0.943468	0.393086	0.46023	UP	518.9058	518.905
5487	M341T10_	3.425872	1.776471	0.945541	0.393162	0.460251	UP	341.1179	341.1173
5488	M332T10_	2.434258	1.283482	0.923573	0.393201	0.460261	UP	332.1115	332.1109
5489	M835T35	1.546256	0.628779	0.902673	0.393208	0.460263	UP	834.616	834.6151
5490	M622T29	1.653305	0.725353	0.905483	0.393314	0.460292	UP	622.2597	622.2581
5491	M381T35_	1.331481	0.413032	0.910664	0.393331	0.460297	UP	381.1733	381.1732
5492	M285T14	1.610642	0.687636	0.906351	0.393374	0.460309	UP	285.1023	285.1019
5493	M478T16	1.78065	0.832404	0.90661	0.393552	0.460357	UP	478.3529	478.3518
5494	M362T11	1.564624	0.645816	0.901933	0.393566	0.460361	UP	361.616	361.6147
5495	M261T13	5.00267	2.322698	0.951285	0.393665	0.460388	UP	261.1099	261.1095
5496	M376T9_4	3.375748	1.755207	0.931497	0.39383	0.460433	UP	376.0044	376.0043
5497	M731T37	1.553879	0.635874	0.9013	0.393883	0.460447	UP	730.5319	730.5305
5498	M373T22	1.911837	0.934959	0.90468	0.39393	0.46046	UP	372.9673	372.9671

5499	M362T31_	1.849232	0.886926	0.920828	0.394379	0.460582	UP	362.2978	362.2973
5500	M412T22_	1.871074	-0.90387	-0.9376	0.394421	0.460593	DOWN	412.0048	412.0037
5501	M461T30	1.611967	0.688822	0.899931	0.394442	0.460599	UP	461.3737	461.3729
5502	M656T24	2.032546	1.023288	0.905684	0.394467	0.460606	UP	656.0889	656.0885
5503	M468T27	1.432808	-0.51885	-0.90283	0.394595	0.46064	DOWN	468.2032	468.2026
5504	M606T43	1.188661	-0.24934	-0.90294	0.394628	0.460649	DOWN	606.4271	606.4271
5505	M696T41_	4.83991	2.27498	0.950373	0.394753	0.460683	UP	695.7815	695.781
5506	M428T16	2.112361	1.078856	0.900326	0.394871	0.460715	UP	428.0794	428.0793
5507	M445T11	1.660379	0.731513	0.899478	0.394988	0.460747	UP	445.2202	445.2193
5508	M245T10	1.547309	0.629761	0.903226	0.395154	0.460792	UP	245.1862	245.1857
5509	M464T18_	2.274123	1.185311	0.916721	0.395183	0.4608	UP	464.0133	464.013
5510	M577T10_	2.262807	1.178114	0.918778	0.395199	0.460804	UP	577.3678	577.3654
5511	M386T31_	1.952838	-0.96557	-0.93124	0.39534	0.460842	DOWN	386.2093	386.209
5512	M392T44	1.193266	0.254916	0.904258	0.395375	0.460851	UP	392.228	392.2276
5513	M242T16	1.792881	0.842279	0.899038	0.395404	0.460859	UP	242.0688	242.0684
5514	M261T17	1.545165	0.627761	0.903382	0.395419	0.460863	UP	261.0525	261.0524
5515	M315T30_	1.894848	0.922082	0.898605	0.395459	0.460874	UP	314.6392	314.6389
5516	M628T26	2.712852	1.43981	0.944044	0.395469	0.460877	UP	628.1845	628.1831
5517	M251T25	1.977385	-0.98359	-0.93805	0.395553	0.460899	DOWN	251.128	251.1274
5518	M225T37	1.235984	0.305661	0.937088	0.39575	0.460953	UP	225.0603	225.0602
5519	M269T26_	1.8514	0.888617	0.90975	0.395875	0.460986	UP	269.1031	269.1025
5520	M281T22	1.839765	-0.87952	-0.92673	0.395996	0.461019	DOWN	281.0452	281.0446
5521	M438T19	2.280485	1.18934	0.935646	0.396138	0.461057	UP	438.3693	438.3683
5522	M601T11	2.10764	-1.07563	-0.90648	0.39615	0.461061	DOWN	601.3707	601.3696
5523	M349T32_	1.759186	0.814908	0.898546	0.39615	0.461061	UP	349.295	349.2943
5524	M341T10_	2.96595	1.568494	0.933616	0.396552	0.461169	UP	340.9074	340.9065
5525	M315T10_	1.505432	0.590178	0.895337	0.396748	0.461221	UP	315.1092	315.1082
5526	M373T21_	1.768838	0.822802	0.901567	0.39682	0.461241	UP	372.7681	372.7673
5527	M299T27_	1.613512	0.690204	0.895138	0.396848	0.461248	UP	299.1272	299.1271
5528	M347T13_	1.571447	0.652094	0.898924	0.396853	0.46125	UP	347.2221	347.2214
5529	M355T10	1.773994	0.827001	0.902168	0.397079	0.46131	UP	355.2234	355.2224
5530	M516T11_	1.858651	0.894256	0.896454	0.397089	0.461313	UP	516.3746	516.374
5531	M505T29_	1.867076	0.90078	0.909686	0.397108	0.461318	UP	504.9542	504.9539
5532	M458T9_1	1.60861	-0.68581	-0.89739	0.397321	0.461375	DOWN	457.5739	457.5723
5533	M1050T10	2.295925	1.199075	0.921098	0.397365	0.461387	UP	1049.727	1049.724
5534	M285T23_	1.879752	0.910543	0.899369	0.397542	0.461435	UP	284.9904	284.9903
5535	M277T10_	1.804298	0.851437	0.895436	0.397647	0.461463	UP	276.7283	276.7276
5536	M314T26_	1.760673	-0.81613	-0.91585	0.397677	0.461471	DOWN	314.2885	314.2882
5537	M470T11_	2.707644	1.437038	0.923807	0.397678	0.461471	UP	470.343	470.3417
5538	M536T22_	1.80703	0.853621	0.894343	0.397722	0.461483	UP	536.0671	536.0668
5539	M506T33	2.146216	-1.1018	-0.92929	0.397903	0.461531	DOWN	506.3601	506.3599
5540	M339T15_	1.689416	0.756525	0.892873	0.398053	0.461571	UP	339.1529	339.1522
5541	M480T9_2	2.245101	1.16678	0.902522	0.398083	0.461579	UP	480.3027	480.3013
5542	M653T38	1.683432	0.751406	0.901221	0.398085	0.46158	UP	653.4638	653.4626
5543	M430T23_	1.356616	0.440012	0.895423	0.398095	0.461583	UP	430.2228	430.2225
5544	M355T12	1.628691	0.703713	0.892304	0.398275	0.461631	UP	355.2384	355.2382
5545	M295T26_	1.593173	0.671903	0.892395	0.398295	0.461636	UP	295.2098	295.2094

5546	M200T18	1.889852	-0.91827	-0.91516	0.398536	0.461701	DOWN	200.1001	200.0995
5547	M389T14	4.343844	-2.11897	-0.94131	0.398606	0.461719	DOWN	389.1822	389.1816
5548	M304T35	1.560054	-0.6416	-0.92918	0.398653	0.461732	DOWN	304.2637	304.2633
5549	M640T34	3.387365	1.760164	0.93231	0.398896	0.461797	UP	639.7718	639.7716
5550	M327T26	2.439417	-1.28654	-0.94081	0.398977	0.461818	DOWN	327.1495	327.1487
5551	M594T33	3.911526	-1.96773	-0.93923	0.399257	0.461893	DOWN	594.3541	594.3529
5552	M246T28	1.512234	-0.59668	-0.89717	0.399527	0.461965	DOWN	246.1026	246.1024
5553	M586T43	1.850476	0.887896	0.922105	0.39959	0.461981	UP	586.3568	586.3555
5554	M443T35_	1.56682	0.647839	0.893231	0.399765	0.462028	UP	442.5626	442.562
5555	M511T20_	2.981637	-1.5761	-0.92945	0.399829	0.462045	DOWN	511.2361	511.2357
5556	M465T21	1.468919	-0.55475	-0.88982	0.399945	0.462076	DOWN	465.173	465.1725
5557	M338T17_	1.921258	0.942051	0.891111	0.399956	0.462078	UP	337.7048	337.7047
5558	M598T32	2.113975	-1.07996	-0.92052	0.399973	0.462083	DOWN	598.3511	598.3507
5559	M452T29	1.561471	-0.64291	-0.91202	0.400013	0.462094	DOWN	452.2081	452.2079
5560	M688T37_	1.586749	0.666074	0.888955	0.40008	0.462111	UP	687.5089	687.5083
5561	M502T13	13.21682	-3.7243	-0.94039	0.400105	0.462118	DOWN	502.1163	502.1163
5562	M426T45	1.112137	0.153335	0.891729	0.400114	0.462121	UP	425.8362	425.8357
5563	M660T9_1	2.910705	1.541368	0.914056	0.400168	0.462135	UP	659.5044	659.5028
5564	M680T10_	1.900898	0.926681	0.911062	0.400247	0.462156	UP	680.497	680.4946
5565	M759T44	1.21252	0.278008	0.891338	0.40044	0.462207	UP	759.3772	759.3763
5566	M499T40	1.972205	0.979809	0.934434	0.400446	0.462208	UP	499.3419	499.3413
5567	M512T9	2.361509	1.239709	0.921815	0.400477	0.462217	UP	511.9107	511.9093
5568	M196T21	1.557049	0.638814	0.887933	0.400486	0.462219	UP	196.105	196.1046
5569	M513T27_	1.561241	-0.64269	-0.90246	0.400507	0.462225	DOWN	513.3452	513.3445
5570	M409T22_	2.475657	-1.30781	-0.93256	0.400508	0.462225	DOWN	409.0018	409.0015
5571	M496T36	1.598577	0.676788	0.888081	0.400525	0.462229	UP	496.3843	496.3836
5572	M261T22	1.69547	0.761685	0.888291	0.400773	0.462314	UP	261.0786	261.0785
5573	M327T22_	1.742398	0.801074	0.918779	0.400803	0.462324	UP	327.1144	327.1141
5574	M365T11_	1.458461	0.544447	0.888512	0.400969	0.462381	UP	365.2237	365.2221
5575	M671T29	1.848345	0.886234	0.886462	0.401235	0.462472	UP	671.2249	671.2249
5576	M466T38	1.564811	0.645988	0.889479	0.401358	0.462514	UP	466.3739	466.3735
5577	M484T42	1.088229	0.121982	0.891822	0.401546	0.462578	UP	484.1288	484.1278
5578	M463T21_	2.051432	1.036632	0.892512	0.401589	0.462592	UP	463.0355	463.0353
5579	M554T42_	1.072101	0.100441	0.890763	0.401801	0.462664	UP	553.7251	553.7236
5580	M660T28_	2.050193	1.03576	0.926826	0.401852	0.462682	UP	660.4959	660.4947
5581	M498T29	5.690902	2.508657	0.935173	0.401906	0.4627	UP	498.3638	498.3631
5582	M547T29_	1.554974	0.636891	0.887465	0.401921	0.462705	UP	547.2988	547.2979
5583	M306T18	2.52856	1.338316	0.929143	0.402229	0.46281	UP	306.1967	306.1967
5584	M401T23	2.620413	-1.38979	-0.92355	0.40226	0.46282	DOWN	401.0634	401.0626
5585	M383T22_	1.76859	0.8226	0.89106	0.402305	0.462836	UP	383.1762	383.1755
5586	M227T10_	2.327365	1.218697	0.888163	0.402472	0.462892	UP	227.0981	227.0977
5587	M295T25_	1.269427	0.344177	0.893284	0.402568	0.462925	UP	295.0995	295.099
5588	M425T20	1.586854	0.666169	0.892779	0.402627	0.462945	UP	425.244	425.2429
5589	M393T26_	1.755559	0.811931	0.901389	0.402981	0.463065	UP	393.2645	393.2639
5590	M649T23	2.066204	1.046983	0.883162	0.40334	0.463186	UP	648.8667	648.866
5591	M638T43_	1.293669	0.371468	0.886521	0.40336	0.463193	UP	638.4573	638.4559
5592	M585T43	1.713322	0.776796	0.891134	0.403466	0.463229	UP	585.3536	585.3527

5593	M495T17_	2.030279	1.021678	0.890488	0.403828	0.463351	UP	495.3511	495.3507
5594	M377T10_	3.21692	1.68568	0.910674	0.403847	0.463358	UP	376.8302	376.83
5595	M324T29	1.689028	0.756193	0.897445	0.403852	0.463359	UP	324.1454	324.1452
5596	M501T38	2.19724	1.135692	0.881505	0.403929	0.463385	UP	501.0899	501.0895
5597	M567T31	1.987528	0.990975	0.898355	0.403932	0.463386	UP	567.0448	567.0441
5598	M504T21_	1.990878	0.993405	0.884952	0.403946	0.463391	UP	504.0619	504.0611
5599	M345T11_	1.809992	0.855983	0.885395	0.403948	0.463392	UP	345.1771	345.1769
5600	M404T10_	1.849154	0.886866	0.883805	0.404024	0.463417	UP	404.1469	404.1454
5601	M205T31	1.418573	0.504441	0.880891	0.404236	0.463489	UP	205.086	205.0856
5602	M363T22_	1.854065	0.890692	0.882207	0.404248	0.463493	UP	362.9829	362.9825
5603	M794T29	1.71437	0.777678	0.880708	0.404332	0.463521	UP	793.5723	793.5708
5604	M508T22_	1.700719	0.766144	0.893776	0.404412	0.463548	UP	507.9054	507.9053
5605	M405T22_	1.9026	0.927972	0.883849	0.404451	0.463561	UP	405.0299	405.0294
5606	M391T19	1.510546	0.59507	0.884353	0.404584	0.463606	UP	391.0572	391.0564
5607	M252T13	1.586443	0.665796	0.880763	0.404594	0.463609	UP	252.2437	252.2432
5608	M655T9_2	2.086926	1.061379	0.882403	0.404762	0.463666	UP	654.9634	654.957
5609	M204T10_	2.689623	1.427404	0.913926	0.405068	0.463769	UP	203.7902	203.7898
5610	M479T27	1.69606	0.762187	0.883886	0.40526	0.463833	UP	479.0089	479.0088
5611	M403T16_	2.050339	1.035862	0.878524	0.405272	0.463838	UP	403.1207	403.1199
5612	M546T43	1.449171	0.535228	0.883384	0.405318	0.463853	UP	546.3423	546.3414
5613	M458T20	1.959266	0.970313	0.879861	0.405434	0.463892	UP	458.0566	458.0561
5614	M575T23	1.892716	0.920458	0.882402	0.405563	0.463935	UP	574.9556	574.9555
5615	M313T22_	1.744946	-0.80318	-0.89424	0.405563	0.463935	DOWN	313.1215	313.1212
5616	M951T44	1.140721	-0.18995	-0.8894	0.405818	0.464021	DOWN	950.5963	950.5947
5617	M466T16	1.454677	0.540699	0.878146	0.406058	0.464101	UP	466.3168	466.3156
5618	M346T22_	1.985303	0.989359	0.8844	0.406085	0.46411	UP	345.98	345.9798
5619	M363T11_	3.304525	1.724443	0.908881	0.406177	0.464141	UP	363.1973	363.192
5620	M658T9_1	2.472807	1.30615	0.892838	0.406241	0.464163	UP	657.5931	657.5925
5621	M348T10_	2.607177	1.382489	0.901923	0.406384	0.464211	UP	348.1463	348.1455
5622	M233T12	1.673776	0.743106	0.877727	0.406394	0.464214	UP	233.1109	233.1105
5623	M333T10_	2.383214	1.252908	0.892344	0.40644	0.464229	UP	333.4688	333.4678
5624	M349T9_1	2.309222	1.207407	0.889503	0.406502	0.46425	UP	348.7136	348.7127
5625	M469T29	1.943327	0.958529	0.878945	0.406584	0.464277	UP	469.072	469.0718
5626	M395T11_	3.225461	1.689506	0.900739	0.40677	0.464339	UP	394.9552	394.9547
5627	M366T10_	4.765629	2.252667	0.925433	0.406926	0.464392	UP	366.178	366.177
5628	M534T26	1.924241	0.944289	0.899185	0.407006	0.464418	UP	533.9663	533.966
5629	M441T12	1.684933	0.752691	0.875188	0.407091	0.464447	UP	441.3114	441.3113
5630	M313T11_	1.425596	0.511565	0.87555	0.407106	0.464452	UP	313.2205	313.2201
5631	M367T10_	1.893526	0.921075	0.876449	0.407281	0.46451	UP	366.7163	366.7152
5632	M699T10_	1.887441	0.916431	0.881075	0.407322	0.464524	UP	698.9886	698.9858
5633	M648T10	2.838097	1.504924	0.889479	0.407615	0.464621	UP	648.1241	648.1225
5634	M485T23_	1.711625	0.775367	0.875819	0.40772	0.464656	UP	485.2674	485.2668
5635	M580T10	2.133286	1.093077	0.896633	0.407739	0.464663	UP	580.423	580.4226
5636	M219T10_	1.491613	0.576874	0.873914	0.407755	0.464668	UP	218.6622	218.6615
5637	M596T11_	1.801717	0.849372	0.876419	0.407857	0.464702	UP	596.4115	596.4106
5638	M607T23_	2.336788	1.224527	0.888065	0.408025	0.464758	UP	606.9613	606.961
5639	M300T26_	1.872806	0.905201	0.87346	0.408105	0.464785	UP	300.1259	300.1255

5640	M402T12	1.720138	0.782524	0.874041	0.408199	0.464816	UP	401.7524	401.7523
5641	M325T17_	1.707352	0.77176	0.89556	0.408311	0.464853	UP	325.0221	325.0219
5642	M904T11	2.442317	1.28825	0.882404	0.408345	0.464864	UP	904.3717	904.3707
5643	M376T20_	1.649938	0.722412	0.874346	0.408563	0.464937	UP	376.2597	376.2586
5644	M216T11	1.556246	0.638071	0.876877	0.408621	0.464956	UP	216.1749	216.1745
5645	M721T34	3.204266	1.679994	0.913545	0.408657	0.464968	UP	720.5116	720.5109
5646	M373T19_	1.628882	0.703882	0.87634	0.408814	0.46502	UP	373.272	373.2712
5647	M495T24	1.717282	0.780127	0.871502	0.408879	0.465042	UP	495.1802	495.1791
5648	M517T35	2.856274	1.514134	0.909239	0.408971	0.465072	UP	517.371	517.3704
5649	M623T29_	1.641589	0.715093	0.873898	0.409034	0.465093	UP	623.2628	623.2614
5650	M485T13	2.549947	1.350468	0.879313	0.409061	0.465102	UP	485.0672	485.0668
5651	M356T19_	1.582011	0.661759	0.871218	0.409086	0.46511	UP	356.1132	356.1128
5652	M498T36	1.581221	0.661039	0.887943	0.409165	0.465136	UP	498.391	498.389
5653	M601T31	1.718592	0.781227	0.874023	0.409191	0.465145	UP	601.2784	601.2773
5654	M925T29	2.22732	1.155309	0.888739	0.409262	0.465169	UP	924.648	924.6469
5655	M408T10	1.792315	0.841824	0.871035	0.409298	0.465181	UP	408.2939	408.2928
5656	M522T32_	1.625537	-0.70092	-0.873	0.409412	0.465219	DOWN	522.3252	522.3115
5657	M903T11	2.345124	1.229664	0.876801	0.409426	0.465223	UP	903.3696	903.3673
5658	M706T32_	2.035364	1.025287	0.900334	0.409721	0.465321	UP	705.5785	705.5778
5659	M308T35	1.752067	0.809058	0.87064	0.409897	0.465379	UP	308.2799	308.2792
5660	M1971T10	2.723045	1.445221	0.894735	0.409949	0.465396	UP	1971.14	1971.135
5661	M434T44_	1.1276	-0.17326	-0.88118	0.409953	0.465397	DOWN	434.2746	434.2743
5662	M395T18	1.499815	0.584785	0.869474	0.410335	0.465523	UP	395.3179	395.3174
5663	M301T36	1.452966	-0.539	-0.87039	0.411035	0.465754	DOWN	301.2931	301.2927
5664	M376T10_	2.800447	1.485657	0.884286	0.411108	0.465778	UP	376.1088	376.1082
5665	M577T32_	2.415539	1.272345	0.873682	0.411165	0.465797	UP	576.777	576.7766
5666	M345T23_	1.866898	-0.90064	-0.89501	0.411236	0.465821	DOWN	345.3111	345.3108
5667	M439T19	2.617518	1.3882	0.908829	0.411259	0.465828	UP	439.3727	439.372
5668	M341T38	1.329755	0.41116	0.866996	0.411307	0.465844	UP	341.3243	341.3239
5669	M342T10_	2.39034	1.257216	0.873291	0.411331	0.465852	UP	342.4666	342.4659
5670	M167T23	1.485258	-0.57071	-0.89433	0.411348	0.465857	DOWN	166.9859	166.9855
5671	M465T11	3.942535	1.979124	0.899473	0.411535	0.465919	UP	465.0335	465.0331
5672	M333T9_4	2.530732	1.339555	0.901679	0.411657	0.465959	UP	333.2066	333.2054
5673	M799T30	1.128942	0.174971	0.874883	0.411833	0.466017	UP	798.549	798.5475
5674	M186T21	2.016893	-1.01213	-0.90464	0.412003	0.466073	DOWN	186.1853	186.1851
5675	M334T10_	2.097403	1.068604	0.87843	0.412025	0.46608	UP	333.8131	333.8124
5676	M628T11_	1.722505	0.784508	0.865705	0.412099	0.466104	UP	628.4372	628.4356
5677	M424T13_	1.430164	0.516181	0.866952	0.412239	0.46615	UP	424.3061	424.3054
5678	M452T36	1.568292	0.649194	0.865041	0.412333	0.466181	UP	452.3583	452.3575
5679	M588T23	2.830872	1.501247	0.901013	0.412408	0.466206	UP	588.4324	588.4317
5680	M308T13	1.599056	0.67722	0.86659	0.41248	0.466229	UP	308.2588	308.2583
5681	M269T14	1.730475	0.791168	0.865494	0.412547	0.466251	UP	269.0797	269.0792
5682	M505T44_	1.093579	0.129057	0.864695	0.412572	0.466259	UP	504.8735	504.8727
5683	M569T41	1.344716	-0.4273	-0.88194	0.412647	0.466284	DOWN	569.4606	569.4596
5684	M477T21	1.562695	0.644036	0.866674	0.412658	0.466287	UP	477.3691	477.3678
5685	M344T24	1.700408	0.765881	0.864324	0.4128	0.466334	UP	344.1311	344.1199
5686	M387T22_	1.845139	0.88373	0.865357	0.412889	0.466363	UP	387.0068	387.0064

5687	M396T19_	1.500705	0.58564	0.867948	0.412935	0.466378	UP	395.5848	395.584
5688	M546T14	2.109583	1.076958	0.863488	0.413086	0.466427	UP	546.1791	546.1787
5689	M299T11_	1.667143	0.737378	0.864601	0.413353	0.466515	UP	298.7092	298.7089
5690	M485T9_2	2.971577	-1.57123	-0.90328	0.413562	0.466583	DOWN	484.8012	484.8003
5691	M235T15	1.502028	0.586912	0.880919	0.413696	0.466627	UP	235.1066	235.1065
5692	M603T30	1.105308	0.144449	0.879626	0.413779	0.466654	UP	603.4108	603.4096
5693	M555T38	1.61875	0.69488	0.861951	0.41381	0.466664	UP	555.4297	555.429
5694	M303T22_	1.445347	-0.53142	-0.87426	0.413982	0.46672	DOWN	303.1482	303.1475
5695	M379T12_	1.717801	0.780563	0.862189	0.414125	0.466766	UP	379.1293	379.1285
5696	M394T18_	1.454066	0.540093	0.863287	0.414183	0.466785	UP	394.3146	394.314
5697	M476T28	1.616229	0.692632	0.866045	0.414355	0.466841	UP	476.3597	476.3589
5698	M286T19_	1.51331	0.597707	0.860968	0.414432	0.466867	UP	286.2016	286.2016
5699	M754T10	2.061345	1.043586	0.87454	0.414512	0.466892	UP	754.4813	754.4811
5700	M408T20_	1.716712	0.779648	0.900418	0.414815	0.466991	UP	408.2095	408.2093
5701	M500T18_	1.562183	0.643564	0.860662	0.414977	0.467044	UP	500.154	500.1531
5702	M559T18	1.835047	0.875817	0.859761	0.415004	0.467052	UP	559.0227	559.0225
5703	M226T14	1.762696	0.817784	0.867787	0.41509	0.46708	UP	226.0527	226.0522
5704	M229T10_	1.94315	0.958397	0.862238	0.415096	0.467082	UP	229.0959	229.0956
5705	M1737T10	2.262793	1.178105	0.85928	0.415668	0.467268	UP	1737.448	1737.446
5706	M331T24	1.742023	0.800763	0.857797	0.41599	0.467372	UP	331.229	331.2268
5707	M345T28	1.540591	0.623484	0.873614	0.416031	0.467385	UP	345.1727	345.1724
5708	M262T26_	1.620406	0.696356	0.859642	0.416165	0.467429	UP	262.1195	262.1193
5709	M1749T9_	2.640781	1.400965	0.868903	0.416282	0.467467	UP	1748.728	1748.727
5710	M473T32_	1.935753	0.952895	0.880337	0.4163	0.467473	UP	472.9645	472.9643
5711	M225T19	1.857943	0.893706	0.859973	0.416312	0.467476	UP	224.6207	224.6206
5712	M483T9_1	2.19983	1.137392	0.860998	0.416387	0.467501	UP	482.8026	482.8015
5713	M570T41	1.51368	-0.59806	-0.874	0.416395	0.467503	DOWN	570.4645	570.463
5714	M397T22_	1.995114	-0.99647	-0.88577	0.416439	0.467517	DOWN	396.9977	396.9972
5715	M649T16	2.13867	1.096714	0.856624	0.416594	0.467567	UP	648.9762	648.9761
5716	M317T15	1.509423	0.593998	0.859512	0.416635	0.467581	UP	317.2115	317.2111
5717	M428T10	1.979355	0.98503	0.85729	0.416661	0.467589	UP	428.224	428.2236
5718	M703T18	1.734059	0.794153	0.856306	0.416739	0.467614	UP	703.1181	703.1174
5719	M182T10_	1.539645	0.622598	0.856646	0.416745	0.467616	UP	182.1541	182.1535
5720	M158T15	1.370026	0.454203	0.858467	0.416812	0.467638	UP	158.1539	158.1536
5721	M417T21_	1.911372	0.934608	0.857588	0.4169	0.467666	UP	417.03	417.0294
5722	M710T28	2.506561	-1.32571	-0.88197	0.416965	0.467687	DOWN	710.1373	710.1358
5723	M399T7	3.871961	1.953064	0.897478	0.416995	0.467697	UP	398.8269	398.8257
5724	M625T30_	1.699785	0.765352	0.858411	0.417214	0.467768	UP	625.2783	625.2775
5725	M341T15	1.73026	0.790989	0.855383	0.417333	0.467806	UP	341.1488	341.1485
5726	M370T9	2.818262	1.494806	0.873902	0.417452	0.467844	UP	369.6083	369.6076
5727	M393T18	1.447067	0.533132	0.857052	0.4175	0.46786	UP	393.3113	393.3106
5728	M424T10_	1.776978	0.829426	0.862946	0.417549	0.467876	UP	424.2874	424.2791
5729	M419T22	1.850272	0.887738	0.856767	0.417777	0.467949	UP	419.0455	419.0448
5730	M453T9_1	1.750529	0.807791	0.882565	0.417786	0.467952	UP	452.7394	452.7322
5731	M266T26_	1.890503	0.91877	0.864889	0.417873	0.46798	UP	266.1044	266.1039
5732	M652T23	1.899083	0.925303	0.857727	0.417942	0.468002	UP	651.8645	651.8642
5733	M722T29	1.877301	0.90866	0.858861	0.418061	0.46804	UP	722.1901	722.1887

5734	M334T10_	2.500553	1.322247	0.880523	0.418073	0.468044	UP	333.9548	333.9543
5735	M647T22	1.763919	0.818784	0.860266	0.418111	0.468056	UP	647.4418	647.441
5736	M347T21_	1.59714	0.675491	0.85846	0.418123	0.46806	UP	347.3206	347.3144
5737	M554T18	1.555507	0.637385	0.856552	0.418177	0.468078	UP	554.2296	554.2285
5738	M546T27	1.863341	-0.89789	-0.87947	0.418261	0.468105	DOWN	546.0082	546.0077
5739	M374T19_	1.583595	0.663203	0.857577	0.418378	0.468142	UP	373.7735	373.7728
5740	M313T11_	1.814484	0.859559	0.858478	0.418459	0.468168	UP	313.2494	313.2486
5741	M215T21	1.300572	0.379146	0.857206	0.418511	0.468185	UP	215.1644	215.1643
5742	M389T9_2	1.725032	-0.78662	-0.8533	0.418517	0.468187	DOWN	389.3198	389.3195
5743	M620T29	1.549141	0.631469	0.853801	0.418656	0.468231	UP	620.2645	620.2638
5744	M669T43_	1.172367	0.229424	0.883233	0.418664	0.468234	UP	669.4853	669.4837
5745	M331T26_	4.253663	-2.08871	-0.89778	0.41876	0.468265	DOWN	331.1879	331.1878
5746	M277T10_	1.796673	0.845328	0.854308	0.418882	0.468304	UP	277.2301	277.2292
5747	M305T33_	1.573379	0.653866	0.852516	0.41894	0.468322	UP	305.2515	305.2509
5748	M479T16	1.703779	0.768739	0.854914	0.419072	0.468365	UP	479.3562	479.3551
5749	M669T26	1.651106	0.723433	0.853682	0.419379	0.468463	UP	669.1623	669.1618
5750	M675T22	1.468212	0.55406	0.872804	0.419474	0.468494	UP	674.5061	674.5048
5751	M228T10_	1.548172	0.630566	0.85195	0.419569	0.468524	UP	228.1596	228.1589
5752	M394T26_	2.017791	-1.01278	-0.88116	0.419575	0.468526	DOWN	394.1782	394.1776
5753	M209T22	1.6335	-0.70797	-0.88933	0.419576	0.468526	DOWN	209.1538	209.1533
5754	M529T43	1.446698	0.532764	0.862274	0.419622	0.468541	UP	529.3159	529.3147
5755	M400T15	1.74184	0.800612	0.851082	0.419624	0.468542	UP	400.0629	400.0627
5756	M369T9_1	2.462985	1.300408	0.87464	0.419804	0.468599	UP	369.2922	369.2919
5757	M616T43	1.169608	0.226025	0.860478	0.419947	0.468645	UP	615.9424	615.9418
5758	M596T33_	1.695423	0.761645	0.863066	0.419963	0.46865	UP	596.4249	596.424
5759	M309T10_	1.505494	0.590237	0.850603	0.420042	0.468675	UP	309.2174	309.2165
5760	M413T24	1.813268	0.858593	0.879968	0.420125	0.468701	UP	413.126	413.1259
5761	M267T18_	1.476601	0.56228	0.851233	0.420138	0.468706	UP	267.2512	267.2509
5762	M377T10_	2.564334	1.358584	0.861121	0.420175	0.468717	UP	377.3489	377.3485
5763	M371T30_	3.661693	-1.87251	-0.89632	0.420264	0.468746	DOWN	371.1306	371.1305
5764	M334T10_	1.949281	0.962942	0.849444	0.420349	0.468773	UP	334.1723	334.1712
5765	M246T22	1.667234	0.737456	0.849631	0.420489	0.468817	UP	246.0552	246.0548
5766	M587T29_	2.728819	-1.44828	-0.88894	0.420527	0.46883	DOWN	587.2963	587.2957
5767	M384T12	1.713278	0.776759	0.849019	0.420718	0.46889	UP	384.3225	384.3218
5768	M668T11	1.72164	0.783783	0.854017	0.420869	0.468939	UP	668.4971	668.4967
5769	M441T33_	1.474533	-0.56026	-0.84862	0.420972	0.468972	DOWN	441.1845	441.1837
5770	M857T11_	2.325455	1.217513	0.854926	0.421333	0.469086	UP	857.3628	857.3618
5771	M204T29	1.967225	0.976162	0.849812	0.421359	0.469095	UP	204.0318	204.0317
5772	M531T20	1.946851	0.961142	0.850219	0.421414	0.469112	UP	530.934	530.9335
5773	M240T20_	1.409697	0.495385	0.848728	0.421488	0.469135	UP	240.2323	240.2318
5774	M301T24	1.557945	-0.63964	-0.86176	0.421494	0.469138	DOWN	301.1591	301.1587
5775	M285T16_	1.646311	0.719237	0.848211	0.421626	0.469179	UP	285.0636	285.0633
5776	M586T31	2.338854	1.225802	0.884155	0.421759	0.469222	UP	586.236	586.2349
5777	M421T10	1.784237	0.835307	0.847583	0.42192	0.469273	UP	420.7305	420.7296
5778	M637T43_	1.11263	0.153974	0.847924	0.421922	0.469273	UP	636.9529	636.9516
5779	M329T22_	1.879683	0.910489	0.846896	0.421953	0.469283	UP	328.9159	328.9052
5780	M861T21	1.694459	0.760825	0.857584	0.42205	0.469314	UP	860.5733	860.5729

5781	M395T23_	1.624126	0.699664	0.865697	0.422078	0.469323	UP	394.5376	394.5374
5782	M568T41	1.326851	-0.40801	-0.86066	0.422132	0.46934	DOWN	568.4572	568.4561
5783	M683T29_	1.882974	0.913013	0.846227	0.422331	0.469403	UP	683.2258	683.225
5784	M408T22	1.813713	-0.85895	-0.8799	0.422489	0.469453	DOWN	408.0087	408.0076
5785	M429T10_	3.255549	1.702901	0.888872	0.422575	0.46948	UP	429.2601	429.2592
5786	M499T9_3	2.072062	1.051067	0.862839	0.42263	0.469498	UP	499.3053	499.3
5787	M391T22_	1.82636	0.868971	0.847205	0.422641	0.469501	UP	390.9779	390.9775
5788	M337T17_	1.868188	0.90164	0.846205	0.422939	0.469596	UP	337.2032	337.2027
5789	M249T15	1.632867	0.707407	0.844667	0.423046	0.469629	UP	249.2062	249.2057
5790	M216T10_	1.432723	0.51876	0.848224	0.423095	0.469645	UP	216.1597	216.1591
5791	M574T23	1.872761	0.905167	0.84881	0.423098	0.469646	UP	573.9524	573.9512
5792	M345T18	1.796289	0.845019	0.844069	0.423156	0.469664	UP	344.9724	344.9719
5793	M410T22_	1.847216	-0.88535	-0.8769	0.423196	0.469677	DOWN	410.0056	410.0038
5794	M373T21_	1.794126	0.843282	0.849236	0.423698	0.469843	UP	373.2698	373.269
5795	M923T21	1.921551	0.942272	0.85094	0.423714	0.469849	UP	922.6326	922.6315
5796	M501T11	2.131375	1.091784	0.843849	0.423757	0.469863	UP	500.8999	500.8994
5797	M510T32_	1.56579	-0.64689	-0.85298	0.424014	0.469948	DOWN	510.3553	510.3544
5798	M635T18	1.82871	0.870827	0.843696	0.424048	0.46996	UP	635.1981	635.1976
5799	M613T31	1.40999	-0.49569	-0.84363	0.424181	0.470004	DOWN	613.2549	613.2537
5800	M338T34_	1.675234	0.744362	0.873479	0.424276	0.470035	UP	338.2328	338.2328
5801	M376T13_	2.723193	1.445299	0.866768	0.424332	0.470054	UP	376.1244	376.1243
5802	M246T13	1.935102	0.95241	0.841781	0.42453	0.47012	UP	246.0215	246.021
5803	M1740T10	2.737656	1.452941	0.856325	0.424561	0.47013	UP	1740.3	1740.299
5804	M389T29	1.654266	0.726191	0.852834	0.424658	0.470162	UP	389.1286	389.1283
5805	M407T19	1.57533	0.655654	0.853925	0.424736	0.470188	UP	407.2905	407.2901
5806	M273T17	1.745123	-0.80333	-0.87257	0.424901	0.470242	DOWN	273.1892	273.1886
5807	M332T10_	2.267037	1.180808	0.852969	0.424912	0.470246	UP	332.4541	332.4535
5808	M269T15	1.561913	0.643314	0.844163	0.425045	0.47029	UP	269.1902	269.1896
5809	M371T21_	2.030055	1.021518	0.869835	0.42525	0.470358	UP	371.1835	371.1825
5810	M379T18	1.537211	0.620315	0.856391	0.425335	0.470386	UP	379.1297	379.1294
5811	M189T11	2.066381	1.047106	0.839912	0.425448	0.470423	UP	189.0211	189.0207
5812	M301T35	2.306012	1.2054	0.864854	0.425484	0.470436	UP	301.2739	301.2738
5813	M387T29_	1.937974	0.954549	0.851322	0.425571	0.470464	UP	387.019	387.0189
5814	M539T27	1.476748	0.562423	0.846105	0.425575	0.470466	UP	538.6773	538.6765
5815	M376T28_	1.635564	0.709788	0.84017	0.425583	0.470468	UP	376.3001	376.2995
5816	M658T9_3	1.806334	0.853065	0.839332	0.425653	0.470491	UP	658.3714	658.3677
5817	M413T31_	1.436543	0.522602	0.843931	0.425712	0.470511	UP	413.3091	413.3081
5818	M881T29	1.824804	0.867741	0.842619	0.426049	0.470622	UP	880.6219	880.6209
5819	M383T36	2.739447	-1.45388	-0.87926	0.426072	0.470629	DOWN	383.1409	383.1405
5820	M567T26	2.283294	-1.19112	-0.87077	0.42626	0.470691	DOWN	567.2258	567.2254
5821	M499T21	1.864819	0.899035	0.838796	0.426503	0.470771	UP	499.0502	499.0501
5822	M482T9_3	2.210463	1.144349	0.849529	0.426555	0.470789	UP	482.3007	482.2998
5823	M685T23	2.260683	-1.17676	-0.87558	0.426606	0.470805	DOWN	685.3498	685.3494
5824	M453T28	1.944187	-0.95917	-0.85443	0.42667	0.470826	DOWN	453.3257	453.3253
5825	M289T24	1.801323	0.849057	0.847499	0.426747	0.470852	UP	289.2568	289.2563
5826	M333T10_	2.220867	1.151123	0.849186	0.426856	0.470888	UP	332.9223	332.9217
5827	M771T12	1.72342	0.785274	0.84283	0.426933	0.470913	UP	770.5613	770.5606

5828	M581T28	1.851087	0.888373	0.843888	0.427034	0.470946	UP	581.2161	581.2153
5829	M557T9	2.225146	1.1539	0.864869	0.42715	0.470984	UP	557.2644	557.263
5830	M535T20	1.950047	0.963509	0.837385	0.427158	0.470987	UP	534.9654	534.9649
5831	M220T10_	2.264991	1.179505	0.838569	0.427176	0.470993	UP	219.9483	219.9483
5832	M247T9	1.692824	-0.75943	-0.83718	0.42733	0.471043	DOWN	246.6505	246.6498
5833	M242T21_	1.775302	-0.82806	-0.85814	0.42737	0.471057	DOWN	242.2117	242.2111
5834	M389T11_	1.873115	0.905439	0.84348	0.427612	0.471154	UP	389.1993	389.199
5835	M612T32	2.103774	1.07298	0.867851	0.427699	0.47119	UP	612.2522	612.2515
5836	M511T20_	1.732164	-0.79258	-0.85586	0.427952	0.471292	DOWN	511.3227	511.3217
5837	M272T28	1.448298	0.534358	0.857266	0.428279	0.471424	UP	272.2948	272.2944
5838	M1143T11	1.911024	0.934346	0.836572	0.428325	0.471442	UP	1142.563	1142.558
5839	M375T18_	1.479025	0.564646	0.835469	0.428383	0.471466	UP	375.3009	375.3001
5840	M647T10	2.597733	1.377253	0.846894	0.428425	0.471483	UP	647.1206	647.1203
5841	M791T34	1.915215	-0.93751	-0.87782	0.428562	0.471538	DOWN	790.5534	790.5519
5842	M411T17	1.653916	-0.72589	-0.85953	0.428657	0.471577	DOWN	411.3223	411.3214
5843	M211T27_	1.555845	-0.6377	-0.84903	0.428742	0.471611	DOWN	211.1094	211.1091
5844	M563T10	2.626704	1.393254	0.856274	0.428758	0.471617	UP	562.6906	562.6901
5845	M453T9_6	2.405222	1.26617	0.856889	0.428809	0.471638	UP	453.2578	453.2534
5846	M416T26_	1.804148	0.851318	0.850158	0.429089	0.471751	UP	416.0303	416.0296
5847	M541T10	1.71809	0.780806	0.838764	0.429365	0.471861	UP	541.4522	541.4514
5848	M548T40	2.086981	-1.06142	-0.87472	0.429395	0.471874	DOWN	548.3004	548.2985
5849	M627T11	1.692508	0.759163	0.832248	0.429586	0.471951	UP	627.4339	627.4325
5850	M858T31	1.919751	0.940919	0.846535	0.429635	0.47197	UP	858.1156	858.1151
5851	M247T13	1.770386	0.824064	0.8396	0.429646	0.471974	UP	247.0247	247.0245
5852	M403T18	1.443089	0.52916	0.845822	0.429752	0.472017	UP	403.0017	403.0006
5853	M858T11	2.405088	1.266089	0.83859	0.429976	0.472107	UP	858.3669	858.364
5854	M767T41	1.563575	-0.64485	-0.83827	0.430273	0.472226	DOWN	767.4616	767.4602
5855	M431T18	1.638571	0.712438	0.832621	0.430389	0.472273	UP	431.0213	431.0207
5856	M698T9_1	2.074627	1.052852	0.859759	0.430443	0.472295	UP	697.5225	697.5122
5857	M451T30_	1.128192	0.174012	0.850866	0.430461	0.472302	UP	451.3139	451.3132
5858	M376T10_	3.160363	1.66009	0.85577	0.430595	0.472356	UP	376.417	376.4168
5859	M744T24	1.731215	0.791785	0.830522	0.430635	0.472372	UP	744.4539	744.453
5860	M360T29_	1.511453	0.595936	0.830579	0.430771	0.472426	UP	360.1807	360.1801
5861	M343T10	1.619364	0.695427	0.830314	0.430912	0.472483	UP	343.3076	343.3064
5862	M632T10_	2.675145	1.419617	0.844495	0.430991	0.472514	UP	631.8032	631.8026
5863	M389T10_	1.62405	0.699596	0.848341	0.431	0.472518	UP	389.2552	389.2541
5864	M768T41	2.77676	1.473402	0.861898	0.431238	0.472613	UP	768.2292	768.2288
5865	M611T11_	2.421646	1.275988	0.835201	0.431248	0.472617	UP	611.2925	611.2912
5866	M357T22_	1.785066	0.835977	0.829129	0.431341	0.472654	UP	356.9929	356.9921
5867	M380T44_	1.593914	-0.67257	-0.83478	0.431671	0.472786	DOWN	380.2094	380.2091
5868	M672T29_	1.976015	0.982594	0.829582	0.431683	0.472791	UP	671.7271	671.7264
5869	M485T43	1.673133	0.742552	0.858832	0.432037	0.472932	UP	485.326	485.3256
5870	M793T29_	1.629523	0.70445	0.827182	0.432135	0.472972	UP	792.5689	792.5678
5871	M257T35	1.909009	0.932824	0.850854	0.432499	0.473117	UP	257.2475	257.2475
5872	M485T17_	1.552852	0.63492	0.827267	0.432524	0.473127	UP	485.3933	485.3929
5873	M528T28	1.821274	-0.86495	-0.85425	0.43256	0.473141	DOWN	528.2723	528.2712
5874	M573T30	1.671749	-0.74136	-0.83828	0.432605	0.473159	DOWN	573.3643	573.3637

5875	M239T18_	1.373608	-0.45797	-0.8279	0.432632	0.47317	DOWN	239.0717	239.071
5876	M745T21	1.681543	0.749785	0.833845	0.432752	0.473218	UP	744.5299	744.5278
5877	M417T20	1.897645	0.92421	0.826123	0.433005	0.473318	UP	417.0299	417.0298
5878	M297T35	2.952944	-1.56215	-0.86805	0.433223	0.473405	DOWN	297.2399	297.239
5879	M1117T11	1.961391	0.971877	0.826036	0.433341	0.473452	UP	1116.605	1116.604
5880	M606T21	1.735249	0.795143	0.853513	0.433431	0.473488	UP	606.262	606.2612
5881	M791T26	1.513444	0.597835	0.836035	0.433444	0.473493	UP	790.5902	790.5887
5882	M199T21	1.340098	0.422338	0.825631	0.433454	0.473497	UP	199.1695	199.169
5883	M460T23_	1.404236	-0.48979	-0.83995	0.433503	0.473516	DOWN	460.2694	460.2684
5884	M706T27	1.411494	0.497223	0.85786	0.433573	0.473544	UP	706.3291	706.328
5885	M298T16_	1.506439	0.591142	0.828637	0.433651	0.473575	UP	298.1886	298.1885
5886	M159T2	1.679643	0.748155	0.866493	0.433657	0.473578	UP	158.9611	158.9609
5887	M369T10_	1.955521	0.967553	0.823578	0.434529	0.473924	UP	369.2175	369.2168
5888	M505T44_	1.111264	0.152201	0.830243	0.434564	0.473937	UP	505.3752	505.3744
5889	M319T31_	1.653055	-0.72513	-0.8484	0.43459	0.473948	DOWN	319.113	319.1127
5890	M876T32	2.129713	1.090659	0.823046	0.434665	0.473977	UP	876.379	876.3781
5891	M404T10_	1.678638	0.747291	0.822652	0.434724	0.474001	UP	404.2726	404.2704
5892	M377T20_	2.450278	-1.29295	-0.85883	0.434943	0.474088	DOWN	377.1164	377.1161
5893	M764T31_	1.957795	0.96923	0.821715	0.435057	0.474133	UP	764.1779	764.1774
5894	M480T11	1.455356	0.541372	0.835658	0.435117	0.474156	UP	480.1448	480.1431
5895	M824T31	1.362318	0.446064	0.830614	0.43514	0.474166	UP	823.6052	823.6039
5896	M367T10_	1.964318	0.974028	0.822918	0.435201	0.47419	UP	367.2195	367.2187
5897	M255T19_	2.014483	1.01041	0.827279	0.435227	0.4742	UP	255.1594	255.1588
5898	M454T9_4	3.178484	1.668339	0.846537	0.435292	0.474225	UP	453.8915	453.8906
5899	M550T44_	1.114597	0.156522	0.822981	0.435292	0.474226	UP	549.9031	549.9023
5900	M763T10_	1.761129	0.816501	0.852667	0.436086	0.474539	UP	763.4663	763.4642
5901	M553T9	2.410492	1.269328	0.842688	0.436304	0.474625	UP	553.2684	553.267
5902	M340T15_	1.691444	0.758256	0.819324	0.436404	0.474665	UP	340.1563	340.1557
5903	M589T11_	2.880976	1.526558	0.843848	0.436511	0.474707	UP	589.2488	589.2471
5904	M376T18	1.460353	0.546317	0.820049	0.436749	0.474801	UP	376.3043	376.3038
5905	M555T10	1.996085	0.997173	0.821452	0.436751	0.474801	UP	555.3547	555.3536
5906	M417T22_	1.859586	0.894982	0.822839	0.436834	0.474834	UP	417.0501	417.0494
5907	M443T12	1.728322	0.789372	0.819697	0.436968	0.474887	UP	443.3273	443.3271
5908	M388T27	1.608674	0.685872	0.81828	0.437068	0.474926	UP	388.129	388.1285
5909	M220T10_	2.294435	1.198139	0.820709	0.437126	0.474949	UP	219.7641	219.7639
5910	M187T27	1.325546	-0.40659	-0.81766	0.437234	0.474991	DOWN	187.1117	187.1117
5911	M210T10_	1.710166	0.774136	0.817429	0.437354	0.475038	UP	210.2048	210.2042
5912	M295T19	1.62325	0.698885	0.817502	0.437394	0.475054	UP	295.1107	295.1099
5913	M223T30_	1.845932	-0.88435	-0.84577	0.437518	0.475103	DOWN	223.0966	223.0962
5914	M462T21_	1.401699	-0.48718	-0.8182	0.437523	0.475105	DOWN	462.1805	462.1803
5915	M508T9	2.20698	1.142073	0.831061	0.437644	0.475152	UP	508.2665	508.2648
5916	M568T33	3.168269	-1.66369	-0.85653	0.437751	0.475195	DOWN	568.39	568.3896
5917	M704T9_1	2.225756	1.154296	0.826118	0.438423	0.475458	UP	703.5519	703.5506
5918	M333T9_2	2.499731	1.321773	0.847625	0.438486	0.475483	UP	332.8714	332.8708
5919	M364T11_	1.510263	0.594799	0.815223	0.438837	0.47562	UP	364.2207	364.2193
5920	M449T22_	1.748514	-0.80613	-0.84632	0.439031	0.475696	DOWN	449.0354	449.0341
5921	M713T35	1.84364	0.882557	0.823121	0.439104	0.475724	UP	713.482	713.4816

5922	M324T30	1.528649	-0.61226	-0.82787	0.439218	0.475769	DOWN	324.2167	324.2166
5923	M438T32	1.527676	0.611339	0.814324	0.43927	0.47579	UP	438.3427	438.3418
5924	M309T11_	1.57679	0.65699	0.816304	0.439408	0.475843	UP	309.1855	309.1847
5925	M649T34_	2.61974	1.389424	0.847426	0.43954	0.475895	UP	649.2699	649.2687
5926	M336T20	2.465408	-1.30183	-0.84909	0.439661	0.475942	DOWN	336.0898	336.0895
5927	M759T43	1.374886	0.459312	0.814317	0.439938	0.47605	UP	758.5633	758.5627
5928	M300T26_	1.956718	-0.96844	-0.84538	0.440119	0.476121	DOWN	300.2042	300.2039
5929	M349T9_4	1.929772	0.94843	0.842941	0.440383	0.476224	UP	349.2741	349.274
5930	M363T11_	1.50944	0.594014	0.811958	0.440648	0.476327	UP	363.2172	363.2159
5931	M195T21	1.474328	0.560058	0.811788	0.440792	0.476383	UP	195.1017	195.1013
5932	M458T21_	1.793019	0.842391	0.811066	0.441118	0.47651	UP	458.0565	458.0557
5933	M253T13_	1.558051	0.639742	0.81066	0.441448	0.476638	UP	253.247	253.2465
5934	M187T2_1	2.198477	1.136504	0.838786	0.441593	0.476694	UP	186.956	186.9558
5935	M227T15_	1.644317	0.717489	0.835465	0.441636	0.476711	UP	227.0956	227.0955
5936	M571T30_	1.483032	-0.56855	-0.82986	0.441742	0.476752	DOWN	570.5034	570.5026
5937	M695T43	1.568285	0.649187	0.809429	0.4418	0.476775	UP	695.023	695.0225
5938	M849T28	1.525131	0.608933	0.812478	0.44187	0.476802	UP	848.6323	848.6308
5939	M327T13_	1.787251	0.837742	0.819714	0.4422	0.47693	UP	326.9389	326.9387
5940	M323T29	1.64317	0.716482	0.818421	0.442335	0.476982	UP	323.1419	323.1417
5941	M775T37	1.483263	0.568774	0.807956	0.442636	0.477098	UP	774.5582	774.5574
5942	M524T20	1.55787	0.639575	0.808269	0.442694	0.477121	UP	524.4212	524.4202
5943	M444T13	2.468121	1.303413	0.815307	0.442727	0.477134	UP	444.0406	444.0403
5944	M427T16_	3.704977	-1.88946	-0.84651	0.442757	0.477145	DOWN	426.9982	426.9979
5945	M602T30	1.772442	0.825739	0.823077	0.442775	0.477152	UP	602.4402	602.439
5946	M575T32_	2.134929	1.094188	0.83918	0.44278	0.477154	UP	574.9189	574.9176
5947	M550T10	1.758057	0.813982	0.80811	0.442875	0.477191	UP	550.4045	550.4035
5948	M661T18	1.851089	0.888374	0.807292	0.442925	0.47721	UP	660.9431	660.942
5949	M454T44	1.23686	0.306682	0.808624	0.443251	0.477336	UP	454.2646	454.264
5950	M551T9_2	2.446484	1.29071	0.83439	0.44338	0.477386	UP	551.2725	551.2719
5951	M385T27_	1.782364	0.833792	0.807159	0.443575	0.477461	UP	384.5525	384.5517
5952	M356T10	1.565045	0.646204	0.80921	0.443641	0.477487	UP	356.2268	356.226
5953	M461T31	1.615177	0.691692	0.809832	0.443654	0.477492	UP	461.147	461.1466
5954	M483T44_	1.147118	0.198014	0.805722	0.443847	0.477566	UP	482.8604	482.8596
5955	M493T18_	1.867578	0.901169	0.807118	0.444047	0.477644	UP	493.2362	493.2359
5956	M173T9_2	2.15007	1.104384	0.81586	0.444071	0.477653	UP	172.7228	172.7168
5957	M280T26_	1.946444	-0.96084	-0.83557	0.444093	0.477661	DOWN	280.2637	280.2633
5958	M311T20	1.479835	-0.56544	-0.82741	0.44416	0.477687	DOWN	311.1857	311.185
5959	M1115T11	1.929747	0.948412	0.807618	0.444207	0.477705	UP	1115.103	1115.1
5960	M416T21_	1.717001	0.77989	0.808304	0.444618	0.477864	UP	416.139	416.1288
5961	M525T30	1.440991	-0.52706	-0.81854	0.44462	0.477864	DOWN	525.4738	525.4729
5962	M273T30_	1.638261	0.712165	0.80692	0.444688	0.47789	UP	273.1851	273.1846
5963	M697T41	1.423059	-0.509	-0.80585	0.444713	0.4779	DOWN	697.3562	697.3557
5964	M407T37	1.580487	-0.66037	-0.82806	0.444747	0.477913	DOWN	407.2794	407.2785
5965	M339T9_1	1.629105	0.70408	0.808607	0.444818	0.47794	UP	338.7802	338.7801
5966	M769T10_	1.986797	0.990444	0.807086	0.445252	0.478107	UP	769.4096	769.4076
5967	M278T18	1.97048	0.978547	0.81145	0.445522	0.478211	UP	278.0595	278.0594
5968	M554T28_	1.701055	0.76643	0.8023	0.445584	0.478235	UP	554.2178	554.2171

5969	M340T35_	1.415916	0.501736	0.802733	0.445707	0.478282	UP	340.2849	340.2848
5970	M540T36	1.277848	0.353716	0.802173	0.445719	0.478287	UP	540.4259	540.4249
5971	M341T26	1.535727	0.618921	0.809391	0.445764	0.478304	UP	341.1527	341.1523
5972	M614T30	1.895618	-0.92267	-0.82179	0.445818	0.478325	DOWN	614.2809	614.2795
5973	M459T43	1.527169	0.61086	0.818186	0.445869	0.478344	UP	459.2741	459.2735
5974	M310T35_	1.623439	0.699053	0.8174	0.446047	0.478412	UP	310.1465	310.1463
5975	M363T40	1.544354	0.627003	0.801882	0.446292	0.478506	UP	363.3106	363.31
5976	M414T30_	1.3587	-0.44223	-0.80091	0.446371	0.478536	DOWN	414.3006	414.3002
5977	M1044T32	3.731298	-1.89968	-0.8349	0.446464	0.478572	DOWN	1043.706	1043.704
5978	M377T10_	2.669638	1.416644	0.815336	0.446494	0.478583	UP	376.5211	376.5209
5979	M562T24	1.914046	0.936626	0.809852	0.446548	0.478604	UP	562.1189	562.1186
5980	M311T37_	1.618983	-0.69509	-0.83544	0.446841	0.478716	DOWN	311.2945	311.2943
5981	M493T24_	1.570484	0.651209	0.806146	0.446841	0.478716	UP	493.1841	493.1838
5982	M819T37	1.482057	0.567601	0.800103	0.446915	0.478745	UP	818.5843	818.5837
5983	M295T33	2.075376	-1.05337	-0.83212	0.446987	0.478772	DOWN	295.1881	295.1872
5984	M359T9_1	2.891132	1.531634	0.824461	0.447085	0.478809	UP	358.5731	358.5728
5985	M608T44_	1.244437	0.315494	0.813003	0.447225	0.478863	UP	608.4737	608.4726
5986	M426T24_	1.856625	0.892682	0.802145	0.447268	0.478879	UP	426.1366	426.1364
5987	M392T19_	1.45333	0.539363	0.801597	0.44738	0.478922	UP	391.5071	391.5063
5988	M942T30	2.086121	1.060823	0.840146	0.447603	0.479007	UP	941.6691	941.6674
5989	M222T26_	1.520382	0.604433	0.798522	0.447876	0.479111	UP	222.1207	222.1202
5990	M471T21_	2.527598	1.337767	0.830213	0.447958	0.479143	UP	471.2073	471.2063
5991	M444T16	1.766122	0.820585	0.798337	0.447972	0.479148	UP	444.1472	444.147
5992	M455T10_	2.136854	1.095489	0.802881	0.448019	0.479166	UP	455.184	455.1829
5993	M276T28	1.602523	0.680345	0.800658	0.448128	0.479207	UP	275.6258	275.6257
5994	M643T20	3.097072	-1.63091	-0.83206	0.44822	0.479243	DOWN	643.2941	643.2934
5995	M365T29_	2.089612	-1.06324	-0.82634	0.448235	0.479248	DOWN	365.1361	365.1355
5996	M433T12	1.579418	0.659393	0.796959	0.448794	0.479461	UP	433.2055	433.2053
5997	M653T9_5	1.783539	0.834743	0.812489	0.44896	0.479524	UP	653.4152	653.4135
5998	M341T32_	1.472622	0.558387	0.826503	0.449109	0.479581	UP	341.1535	341.1533
5999	M358T18_	1.5893	0.668392	0.796033	0.449141	0.479593	UP	358.0041	358.0037
6000	M245T22_	1.609481	0.686596	0.796511	0.449242	0.479631	UP	245.0472	245.0469
6001	M259T18	1.700022	0.765554	0.795459	0.449363	0.479677	UP	259.0995	259.099
6002	M381T32	2.163893	-1.11363	-0.82642	0.449406	0.479693	DOWN	381.2982	381.298
6003	M814T22	2.485134	-1.31332	-0.82781	0.449582	0.47976	DOWN	814.3048	814.303
6004	M288T13	1.651569	-0.72384	-0.8283	0.44984	0.479858	DOWN	287.909	287.9087
6005	M623T10_	1.608493	0.685709	0.795077	0.449849	0.479861	UP	623.45	623.4478
6006	M613T30	1.973728	-0.98092	-0.81462	0.449915	0.479887	DOWN	613.2776	613.2766
6007	M392T19_	1.517393	0.601594	0.795614	0.449918	0.479888	UP	392.0518	392.0514
6008	M327T17_	1.601338	0.679278	0.825391	0.449946	0.479898	UP	327.0174	327.0173
6009	M427T18_	1.703468	0.768475	0.794801	0.449961	0.479904	UP	427.0257	427.0243
6010	M419T21_	1.855538	0.891837	0.794344	0.449994	0.479917	UP	419.03	419.0299
6011	M600T23	3.243431	-1.69752	-0.83345	0.450062	0.479942	DOWN	600.3307	600.3303
6012	M254T13_	1.544581	-0.62722	-0.7976	0.450113	0.479961	DOWN	254.0152	254.0152
6013	M477T9_2	2.239101	-1.16292	-0.82462	0.450215	0.48	DOWN	477.3317	477.3304
6014	M387T18	1.726684	0.788004	0.793945	0.450224	0.480004	UP	387.0024	387.0021
6015	M777T10	1.831656	0.873149	0.809709	0.450297	0.480031	UP	777.4443	777.4436

6016	M534T30_	1.17077	-0.22746	-0.805	0.450434	0.480083	DOWN	534.3906	534.39
6017	M567T33	3.07683	-1.62144	-0.83052	0.450442	0.480086	DOWN	567.387	567.3859
6018	M521T18_	2.026725	1.019151	0.802785	0.45045	0.480089	UP	521.0963	521.096
6019	M228T14_	1.755101	0.811554	0.794695	0.450547	0.480126	UP	228.053	228.053
6020	M305T30_	1.702052	-0.76727	-0.80684	0.450552	0.480128	DOWN	304.6547	304.6545
6021	M556T28	1.755656	0.81201	0.795993	0.450647	0.480164	UP	556.2125	556.2117
6022	M937T34	1.605345	0.682883	0.79301	0.450651	0.480165	UP	936.6478	936.6466
6023	M562T23_	1.518663	0.602801	0.804653	0.451069	0.480323	UP	562.3742	562.3732
6024	M495T26	1.871653	0.904313	0.80861	0.451117	0.480341	UP	494.9345	494.9343
6025	M302T13	1.764204	0.819017	0.794986	0.451156	0.480356	UP	301.997	301.9968
6026	M533T23_	1.87559	0.907345	0.794034	0.451206	0.480375	UP	532.9256	532.9249
6027	M199T18_	1.690196	-0.75719	-0.81871	0.451701	0.480562	DOWN	199.0968	199.0962
6028	M322T20	1.644811	0.717922	0.79104	0.451754	0.480582	UP	322.2592	322.2588
6029	M474T23_	1.650539	0.722938	0.793258	0.451906	0.480639	UP	474.0273	474.0263
6030	M281T31_	1.470878	0.556678	0.791115	0.451923	0.480645	UP	280.5177	280.5173
6031	M587T33	1.61926	0.695335	0.790238	0.45219	0.480746	UP	586.9085	586.9084
6032	M386T18	1.692734	0.759355	0.790563	0.452252	0.480769	UP	385.9991	385.9979
6033	M420T22_	1.831757	0.873228	0.793902	0.452296	0.480786	UP	420.049	420.0487
6034	M676T10_	1.712343	0.775972	0.789689	0.452524	0.480872	UP	676.3839	676.3822
6035	M420T40	1.234108	0.303469	0.78949	0.452596	0.480899	UP	420.332	420.3313
6036	M451T29	1.549547	0.631847	0.79204	0.452615	0.480906	UP	451.0868	451.0864
6037	M304T33_	1.476842	0.562516	0.788945	0.452889	0.481009	UP	304.2485	304.2479
6038	M454T9_5	2.637166	-1.39899	-0.82574	0.452889	0.481009	DOWN	454.1382	454.1292
6039	M254T19_	1.612764	0.689536	0.78881	0.452965	0.481037	UP	254.084	254.0839
6040	M322T32	1.533157	0.616505	0.788718	0.453019	0.481058	UP	322.2953	322.2948
6041	M421T22	1.750102	0.807439	0.789971	0.45314	0.481103	UP	421.3066	421.306
6042	M266T18	1.444107	0.530178	0.789465	0.453417	0.481207	UP	266.248	266.2475
6043	M229T10_	1.983931	0.988362	0.787724	0.453676	0.481304	UP	228.5974	228.5967
6044	M364T40_	1.541229	0.624081	0.787652	0.453705	0.481315	UP	364.306	364.3051
6045	M582T24	1.9538	-0.96628	-0.80347	0.453792	0.481348	DOWN	582.4219	582.4213
6046	M348T21_	1.423434	0.509376	0.789024	0.453915	0.481394	UP	348.2174	348.2153
6047	M712T10	1.443971	-0.53004	-0.79163	0.45415	0.481482	DOWN	711.969	711.9675
6048	M205T22	1.669046	0.739024	0.787979	0.454244	0.481517	UP	205.016	205.0158
6049	M610T39	1.690052	0.757067	0.797766	0.45426	0.481523	UP	609.9388	609.9383
6050	M382T22_	1.620999	0.696884	0.786777	0.454449	0.481594	UP	382.3167	382.3165
6051	M378T38	2.063368	1.045001	0.805256	0.454574	0.481641	UP	378.329	378.3213
6052	M165T28	1.220069	-0.28696	-0.78569	0.45469	0.481684	DOWN	165.0545	165.0544
6053	M402T34	1.474345	0.560074	0.795492	0.45479	0.481721	UP	402.2902	402.2895
6054	M559T30_	1.07887	0.109521	0.789034	0.45483	0.481736	UP	559.3844	559.3833
6055	M546T20	1.588158	0.667354	0.785414	0.45497	0.481789	UP	546.4629	546.4622
6056	M631T11_	1.991299	-0.99371	-0.80449	0.455018	0.481806	DOWN	631.2586	631.2584
6057	M256T17_	1.678763	-0.7474	-0.81329	0.455065	0.481824	DOWN	256.1626	256.162
6058	M356T32_	1.631952	0.706598	0.800772	0.455306	0.481914	UP	356.2074	356.2071
6059	M430T21	1.668869	0.738871	0.794258	0.455431	0.481961	UP	430.2878	430.2866
6060	M468T18	1.907893	-0.93198	-0.8122	0.455437	0.481963	DOWN	468.1365	468.1356
6061	M696T10_	1.740098	0.799169	0.784407	0.455521	0.481994	UP	696.1332	696.1319
6062	M398T7	3.674147	1.877409	0.814634	0.455913	0.48214	UP	398.3249	398.3239

6063	M500T18_	2.29665	1.199531	0.805981	0.456101	0.482211	UP	500.1037	500.0965
6064	M974T11	2.388352	1.256015	0.792373	0.456144	0.482227	UP	974.4515	974.4495
6065	M394T20_	1.87501	0.906898	0.810554	0.45618	0.48224	UP	394.2494	394.2491
6066	M337T17_	1.719303	0.781824	0.784335	0.456423	0.48233	UP	337.2032	337.2031
6067	M619T17_	1.332918	0.414588	0.782457	0.456786	0.482465	UP	619.4798	619.4785
6068	M836T32	1.546899	0.629379	0.783118	0.45692	0.482515	UP	835.5832	835.5824
6069	M572T23	1.813006	0.858383	0.784987	0.456931	0.482519	UP	571.9571	571.9568
6070	M385T10_	1.522943	0.606862	0.784878	0.457093	0.482579	UP	385.4866	385.4855
6071	M446T32	1.476361	0.562046	0.795692	0.45719	0.482615	UP	446.057	446.0567
6072	M330T27	1.640522	0.714155	0.782632	0.457294	0.482654	UP	330.1154	330.1153
6073	M793T11_	1.49816	0.583192	0.781695	0.457346	0.482673	UP	793.0987	793.0955
6074	M333T10_	2.201095	1.138222	0.79195	0.457549	0.482748	UP	332.7811	332.7806
6075	M340T11	1.319183	0.399645	0.794013	0.457555	0.482751	UP	340.2602	340.2597
6076	M384T16_	1.899132	0.92534	0.781586	0.457733	0.482817	UP	384.0036	384.0032
6077	M446T26	1.565252	0.646395	0.797876	0.457759	0.482826	UP	446.0565	446.0562
6078	M325T25_	1.523125	-0.60703	-0.80466	0.458188	0.482985	DOWN	325.2013	325.2009
6079	M610T11_	2.137505	1.095928	0.781547	0.45834	0.483041	UP	610.2897	610.2891
6080	M246T17	1.589436	0.668515	0.780024	0.459021	0.483293	UP	246.082	246.0817
6081	M580T28	1.734209	0.794277	0.779364	0.459022	0.483293	UP	580.2127	580.2118
6082	M515T18	1.814161	0.859302	0.778027	0.459139	0.483337	UP	515.0119	515.0116
6083	M514T32	1.861971	0.896831	0.790189	0.459173	0.483349	UP	513.9911	513.9907
6084	M374T10_	2.169577	1.117414	0.80394	0.459222	0.483367	UP	373.7236	373.7153
6085	M335T32_	1.418352	0.504216	0.788105	0.459578	0.483499	UP	335.1624	335.1623
6086	M262T12	1.748602	0.806202	0.780008	0.459947	0.483635	UP	262.0164	262.0161
6087	M713T43_	1.637305	-0.71132	-0.78864	0.460052	0.483673	DOWN	713.461	713.4603
6088	M224T16_	1.396875	0.482203	0.811156	0.460147	0.483708	UP	224.02	224.0197
6089	M262T13	4.211265	2.074254	0.813058	0.460197	0.483727	UP	262.1132	262.1128
6090	M702T10_	1.698983	0.764672	0.776166	0.460281	0.483758	UP	702.4969	702.4957
6091	M500T14_	1.480496	0.566081	0.782641	0.460316	0.483771	UP	500.3796	500.3793
6092	M380T44_	1.083629	0.115872	0.780383	0.460344	0.483781	UP	380.2281	380.2274
6093	M608T30	1.512699	0.597125	0.786405	0.46044	0.483816	UP	608.2651	608.2647
6094	M316T19	1.652702	0.724826	0.775036	0.460651	0.483894	UP	315.5716	315.5716
6095	M311T32	2.380877	-1.25149	-0.80795	0.460962	0.484008	DOWN	311.1621	311.1612
6096	M296T33	2.47953	-1.31007	-0.80846	0.461239	0.48411	DOWN	296.1913	296.1909
6097	M315T33	1.712396	0.776017	0.775247	0.461267	0.48412	UP	314.6493	314.649
6098	M282T15_	1.570722	0.651428	0.773746	0.46153	0.484216	UP	282.2795	282.279
6099	M647T33	1.205964	-0.27019	-0.78897	0.461587	0.484237	DOWN	647.0227	647.0218
6100	M295T13	1.781333	0.832957	0.794271	0.461691	0.484275	UP	295.2466	295.2463
6101	M539T22	1.825258	-0.8681	-0.79058	0.461712	0.484283	DOWN	539.1012	539.0998
6102	M853T35	1.416436	-0.50227	-0.77361	0.461779	0.484308	DOWN	852.6399	852.6382
6103	M179T15	1.810686	0.856536	0.775451	0.46206	0.484411	UP	178.9462	178.9461
6104	M540T10	1.657881	0.729341	0.776967	0.46208	0.484418	UP	540.4489	540.4468
6105	M599T23	3.206682	-1.68108	-0.80899	0.462089	0.484421	DOWN	599.3269	599.3255
6106	M353T17	1.644281	0.717457	0.772838	0.462241	0.484477	UP	353.0095	353.0089
6107	M639T29	1.882685	-0.91279	-0.79401	0.462261	0.484484	DOWN	639.2622	639.2614
6108	M312T21_	1.402214	0.487706	0.773871	0.462328	0.484509	UP	312.2174	312.217
6109	M383T10_	2.008331	-1.006	-0.79737	0.462336	0.484512	DOWN	383.2089	383.2079

6110	M666T22	2.281676	-1.19009	-0.80392	0.462392	0.484532	DOWN	666.2967	666.2963
6111	M456T24_	1.737457	-0.79698	-0.79697	0.462407	0.484538	DOWN	456.1872	456.187
6112	M437T18	1.784396	0.835436	0.772506	0.462435	0.484548	UP	436.9129	436.9125
6113	M226T27	1.644302	0.717475	0.771729	0.46247	0.484561	UP	226.0877	226.0875
6114	M517T27_	2.034292	-1.02453	-0.80285	0.462708	0.484648	DOWN	517.1324	517.1317
6115	M453T23	1.525983	-0.60974	-0.78467	0.462785	0.484676	DOWN	453.1675	453.1664
6116	M431T17_	1.19684	-0.25923	-0.77451	0.4629	0.484718	DOWN	430.9151	430.9148
6117	M197T19	1.441845	0.527916	0.783602	0.462923	0.484726	UP	196.5219	196.5217
6118	M359T10_	1.862942	0.897583	0.770972	0.463002	0.484755	UP	358.7161	358.7153
6119	M395T11_	3.403889	-1.76718	-0.80782	0.463156	0.484811	DOWN	395.2262	395.2255
6120	M441T30	1.83338	0.874506	0.781568	0.463222	0.484836	UP	440.5259	440.5255
6121	M316T9	1.534976	-0.61822	-0.77679	0.463246	0.484844	DOWN	316.2118	316.2117
6122	M305T39_	1.788484	-0.83874	-0.7955	0.463331	0.484875	DOWN	305.2387	305.2386
6123	M502T10	2.235298	1.160467	0.776037	0.463412	0.484905	UP	502.1929	502.1916
6124	M377T20_	1.676834	0.74574	0.771598	0.46342	0.484908	UP	377.1162	377.116
6125	M572T19_	1.647563	0.720334	0.78088	0.463563	0.48496	UP	572.3792	572.3782
6126	M645T31_	1.872763	0.905168	0.780961	0.46364	0.484988	UP	645.0071	645.0066
6127	M534T19	1.456331	0.542338	0.771809	0.463703	0.485011	UP	534.2549	534.2531
6128	M782T10_	2.466219	1.302301	0.777842	0.463984	0.485113	UP	781.6419	781.6415
6129	M738T41_	1.407575	-0.49321	-0.76944	0.464161	0.485178	DOWN	738.427	738.4257
6130	M813T22	2.258789	-1.17555	-0.80021	0.464383	0.485259	DOWN	813.3009	813.3004
6131	M720T17	1.790681	0.840509	0.76761	0.464786	0.485405	UP	720.409	720.4076
6132	M360T10_	1.590054	0.669075	0.773375	0.464797	0.485409	UP	359.7355	359.7342
6133	M766T29_	1.422404	0.508331	0.767362	0.464942	0.485462	UP	766.1955	766.1952
6134	M256T31	1.771747	0.825172	0.783804	0.464993	0.48548	UP	256.003	256.0027
6135	M230T22_	1.617001	0.69332	0.767074	0.465172	0.485545	UP	230.0238	230.0162
6136	M268T31_	1.514797	0.599124	0.768029	0.465411	0.485632	UP	268.0827	268.0821
6137	M364T29_	1.862491	0.897234	0.774635	0.465505	0.485666	UP	363.5938	363.5936
6138	M278T10	1.555965	0.637809	0.768551	0.465593	0.485698	UP	277.7318	277.7309
6139	M473T35_	2.424502	1.277688	0.796153	0.465676	0.485728	UP	473.3448	473.3444
6140	M376T9_7	2.544539	1.347405	0.785587	0.465994	0.485843	UP	376.3981	376.3974
6141	M296T24	1.894392	-0.92174	-0.79294	0.46614	0.485896	DOWN	296.1939	296.1934
6142	M326T42	1.495511	-0.58064	-0.77983	0.46618	0.48591	DOWN	326.1606	326.1599
6143	M472T23_	1.666258	0.736612	0.766845	0.466206	0.48592	UP	472.0321	472.0316
6144	M461T36	1.436426	0.522484	0.794371	0.466279	0.485946	UP	461.2684	461.2684
6145	M658T29	2.343679	1.228775	0.782073	0.466556	0.486047	UP	658.2372	658.2352
6146	M327T23_	1.487472	-0.57286	-0.78753	0.466677	0.48609	DOWN	327.1996	327.199
6147	M739T41_	1.515257	-0.59956	-0.76436	0.466831	0.486146	DOWN	739.4302	739.4289
6148	M327T23_	1.880866	-0.9114	-0.78882	0.466899	0.48617	DOWN	327.132	327.1314
6149	M819T30	3.754347	-1.90856	-0.79221	0.4669	0.486171	DOWN	819.4769	819.4763
6150	M378T9_1	2.513035	1.329431	0.774515	0.46694	0.486185	UP	377.8242	377.8239
6151	M338T38	1.2664	-0.34073	-0.76576	0.466953	0.48619	DOWN	338.224	338.2239
6152	M429T10_	1.873986	0.90611	0.764176	0.467055	0.486227	UP	428.7259	428.7252
6153	M333T17_	1.837757	-0.87795	-0.79229	0.467069	0.486232	DOWN	333.1735	333.1732
6154	M330T33	1.65815	-0.72957	-0.78535	0.467169	0.486268	DOWN	330.2147	330.2144
6155	M233T15	1.574784	0.655154	0.765102	0.467417	0.486358	UP	233.1109	233.1103
6156	M599T29_	1.787648	0.838063	0.763831	0.467425	0.48636	UP	598.7609	598.7605

6157	M267T27_	1.769766	-0.82356	-0.7862	0.467427	0.486361	DOWN	267.1722	267.1717
6158	M703T22	2.039078	-1.02792	-0.79001	0.467464	0.486374	DOWN	703.1758	703.1753
6159	M298T32_	1.615014	0.691547	0.794803	0.467467	0.486375	UP	298.1314	298.1313
6160	M282T29	1.673817	0.743142	0.770316	0.467538	0.486401	UP	282.1153	282.115
6161	M282T39	1.641271	-0.71481	-0.78756	0.46769	0.486456	DOWN	282.2792	282.2787
6162	M441T10_	1.616109	0.692524	0.766802	0.467694	0.486458	UP	441.3439	441.3427
6163	M497T36	1.509383	0.593959	0.762941	0.467826	0.486505	UP	497.3878	497.3873
6164	M395T22	1.781699	-0.83325	-0.784	0.467985	0.486562	DOWN	395.0009	395.0002
6165	M250T15	1.531099	0.614568	0.761966	0.468017	0.486574	UP	250.2095	250.2089
6166	M212T10_	2.094147	1.066363	0.762891	0.468146	0.48662	UP	212.4263	212.4261
6167	M371T31_	2.792677	-1.48165	-0.79921	0.468187	0.486635	DOWN	371.0632	371.0629
6168	M491T29	1.77156	-0.82502	-0.78402	0.468278	0.486668	DOWN	491.3611	491.3597
6169	M275T27_	1.693399	0.759922	0.761758	0.468337	0.486689	UP	274.6256	274.6253
6170	M443T10	1.894941	0.922153	0.762372	0.468386	0.486707	UP	443.169	443.1678
6171	M351T22_	1.708523	0.77275	0.761081	0.46845	0.48673	UP	350.7551	350.7549
6172	M608T25	1.51396	0.598327	0.770469	0.46862	0.486791	UP	608.3635	608.3629
6173	M202T9_1	1.563453	-0.64474	-0.76085	0.468626	0.486793	DOWN	202.1074	202.1071
6174	M316T14	1.490829	0.576115	0.762616	0.468645	0.4868	UP	316.1992	316.1986
6175	M305T32_	1.499207	0.584199	0.760801	0.468753	0.486838	UP	305.2687	305.2682
6176	M491T12	1.678317	0.747015	0.777557	0.469113	0.486968	UP	491.3286	491.3284
6177	M257T11_	1.768889	0.822844	0.759952	0.469176	0.48699	UP	257.0596	257.0593
6178	M539T12_	1.484639	0.570113	0.759855	0.469221	0.487007	UP	539.3891	539.3889
6179	M626T33	1.617075	0.693386	0.760565	0.469277	0.487027	UP	626.2911	626.2902
6180	M332T21_	1.813999	0.859174	0.765519	0.469304	0.487036	UP	332.472	332.4711
6181	M355T20	1.418265	-0.50413	-0.775	0.469326	0.487044	DOWN	355.2253	355.2252
6182	M570T9_1	1.791037	0.840795	0.774408	0.469613	0.487147	UP	570.2645	570.2588
6183	M505T30	1.804109	0.851286	0.765764	0.469636	0.487155	UP	505.3789	505.3778
6184	M361T19	1.503758	0.588573	0.761946	0.469639	0.487156	UP	361.3297	361.3291
6185	M428T32	1.783794	-0.83495	-0.77555	0.469642	0.487158	DOWN	428.3525	428.3522
6186	M610T29_	1.518238	-0.6024	-0.75909	0.469694	0.487176	DOWN	610.2428	610.2362
6187	M638T44	1.123692	-0.16825	-0.75973	0.469771	0.487204	DOWN	638.4098	638.4092
6188	M661T21	1.670718	0.740468	0.759485	0.46981	0.487218	UP	660.9771	660.9766
6189	M488T13_	1.812596	0.858057	0.764961	0.469876	0.487241	UP	488.1733	488.1732
6190	M506T14	1.987603	0.991029	0.759708	0.470027	0.487295	UP	506.1663	506.1661
6191	M397T19	1.498841	0.583848	0.760348	0.470084	0.487316	UP	396.5968	396.5964
6192	M295T24	1.719609	-0.78208	-0.77971	0.470219	0.487364	DOWN	295.1906	295.19
6193	M673T34_	2.009517	1.006849	0.77548	0.470415	0.487434	UP	672.5001	672.4993
6194	M452T27_	1.339107	-0.42127	-0.7605	0.470446	0.487445	DOWN	452.1717	452.1712
6195	M371T25	1.380223	0.464901	0.760497	0.470517	0.487471	UP	371.327	371.326
6196	M626T30	1.400997	0.486454	0.775573	0.470532	0.487476	UP	626.2827	626.2734
6197	M544T20_	2.483899	-1.31261	-0.79141	0.470567	0.487489	DOWN	544.0611	544.0609
6198	M730T32	1.517752	-0.60194	-0.75744	0.470606	0.487503	DOWN	730.2002	730.1986
6199	M515T22_	1.996976	0.997817	0.768423	0.470629	0.487511	UP	515.1366	515.1365
6200	M593T10_	1.792021	0.841588	0.757395	0.470633	0.487512	UP	593.3871	593.3859
6201	M254T11	1.620424	0.696372	0.756941	0.47083	0.487583	UP	254.2481	254.248
6202	M712T35	1.748405	0.80604	0.762141	0.470928	0.487618	UP	712.4787	712.4772
6203	M611T11_	2.452231	1.294095	0.766103	0.471046	0.48766	UP	611.2356	611.2333

6204	M625T11_	1.894175	0.92157	0.755828	0.471422	0.487794	UP	624.7967	624.7963
6205	M562T18_	1.912632	0.93556	0.761395	0.471448	0.487803	UP	562.1231	562.1227
6206	M565T34	1.619943	0.695943	0.756662	0.471546	0.487838	UP	564.895	564.8943
6207	M396T21_	1.590863	0.669809	0.757107	0.471618	0.487864	UP	396.2663	396.2661
6208	M339T29_	1.329234	0.410595	0.764989	0.471699	0.487893	UP	339.1013	339.1011
6209	M267T19	1.416392	0.50222	0.757749	0.472147	0.488052	UP	267.2513	267.2507
6210	M317T20_	1.671384	0.741043	0.753935	0.472499	0.488178	UP	317.1051	317.1046
6211	M400T34	1.985816	-0.98973	-0.78578	0.472518	0.488184	DOWN	400.3211	400.3206
6212	M486T30	1.697941	-0.76379	-0.75898	0.472548	0.488195	DOWN	486.3553	486.3546
6213	M611T11_	2.093572	1.065966	0.754948	0.472609	0.488217	UP	610.7911	610.7901
6214	M409T22_	1.711298	0.775091	0.75404	0.472776	0.488276	UP	408.9883	408.9878
6215	M322T14_	1.582154	0.66189	0.753365	0.472861	0.488306	UP	322.2856	322.2748
6216	M272T18	1.67262	-0.74211	-0.77762	0.472949	0.488338	DOWN	272.1861	272.1853
6217	M658T23	1.698964	0.764655	0.75355	0.473101	0.488392	UP	658.4684	658.468
6218	M368T10_	1.996469	0.99745	0.754852	0.473302	0.488463	UP	368.221	368.2189
6219	M330T24	1.83842	-0.87847	-0.77752	0.473307	0.488465	DOWN	330.2278	330.2271
6220	M563T22	1.95318	0.965825	0.762388	0.473373	0.488488	UP	563.1609	563.1606
6221	M380T40	1.518927	0.603053	0.753283	0.473413	0.488502	UP	380.3371	380.3365
6222	M730T41	1.326118	-0.40721	-0.75199	0.473631	0.48858	DOWN	730.4603	730.4588
6223	M342T10_	1.891288	0.919369	0.772652	0.473795	0.488638	UP	341.765	341.7638
6224	M372T24_	1.37886	-0.46348	-0.77602	0.473979	0.488703	DOWN	372.2743	372.2742
6225	M1577T10	2.221528	1.151552	0.754429	0.47401	0.488714	UP	1577.022	1577.018
6226	M358T10	1.860704	0.895849	0.751444	0.474081	0.488739	UP	358.2146	358.2133
6227	M300T27	1.592114	0.670944	0.751218	0.474487	0.488882	UP	299.6256	299.6255
6228	M352T21	1.777159	0.829573	0.750499	0.474628	0.488932	UP	352.1211	352.1209
6229	M394T9	2.124598	-1.08719	-0.77377	0.474647	0.488939	DOWN	394.2313	394.2308
6230	M382T10_	1.646055	0.719013	0.750147	0.474716	0.488963	UP	382.2941	382.2937
6231	M540T35_	1.489375	0.574707	0.751199	0.474731	0.488969	UP	540.4107	540.4097
6232	M306T23_	1.818509	-0.86276	-0.75209	0.475116	0.489105	DOWN	306.2689	306.2687
6233	M382T40	2.503033	-1.32368	-0.78104	0.475199	0.489134	DOWN	382.3104	382.31
6234	M515T23_	1.646513	0.719414	0.749715	0.475209	0.489138	UP	515.1366	515.1365
6235	M765T25	1.8103	0.856229	0.751264	0.475267	0.489158	UP	765.4302	765.429
6236	M1107T11	1.796921	0.845527	0.749365	0.475309	0.489173	UP	1107.115	1107.114
6237	M261T12	2.861682	1.516863	0.780175	0.4755	0.48924	UP	261.11	261.1097
6238	M312T15	1.52701	0.610709	0.753476	0.475519	0.489247	UP	312.181	312.1806
6239	M365T10_	1.770804	0.824404	0.748351	0.47569	0.489307	UP	365.186	365.1856
6240	M376T17_	1.23514	-0.30467	-0.75389	0.475732	0.489322	DOWN	376.2138	376.2136
6241	M615T26	1.719098	0.781652	0.752745	0.475774	0.489337	UP	615.1672	615.1669
6242	M285T37	1.697979	-0.76382	-0.77179	0.475882	0.489375	DOWN	285.2215	285.2211
6243	M185T31	1.16612	-0.22172	-0.75607	0.475972	0.489407	DOWN	185.0808	185.0807
6244	M344T9	1.694523	-0.76088	-0.76243	0.476065	0.489439	DOWN	343.7007	343.7001
6245	M746T29	1.682073	0.75024	0.75089	0.476343	0.489537	UP	746.1906	746.1902
6246	M451T22_	1.677241	-0.74609	-0.77581	0.476514	0.489597	DOWN	451.0321	451.0309
6247	M642T17_	1.353963	0.437189	0.748865	0.476909	0.489736	UP	642.4333	642.4331
6248	M525T20	1.552239	0.634351	0.74613	0.476972	0.489759	UP	525.4247	525.4245
6249	M1116T11	1.855556	0.891851	0.748623	0.477383	0.489903	UP	1116.103	1116.101
6250	M474T23_	1.227241	-0.29542	-0.74971	0.477431	0.489919	DOWN	474.2598	474.2591

6251	M568T26	1.516174	0.600436	0.747608	0.477508	0.489946	UP	568.2337	568.2328
6252	M440T35_	1.35473	0.438005	0.746505	0.477608	0.489982	UP	440.4097	440.4091
6253	M766T41	1.428615	-0.51462	-0.74555	0.477827	0.490058	DOWN	766.4582	766.4567
6254	M733T27	1.725393	0.786925	0.745074	0.478011	0.490123	UP	732.9065	732.9054
6255	M938T34	1.587889	0.66711	0.744028	0.478166	0.490177	UP	937.6515	937.6501
6256	M385T16_	1.803574	0.850859	0.745501	0.478175	0.49018	UP	385.002	385.0019
6257	M390T27	1.558229	0.639908	0.743825	0.478282	0.490218	UP	390.1367	390.1362
6258	M348T12	1.830847	-0.87251	-0.75507	0.478421	0.490266	DOWN	348.2342	348.2339
6259	M445T34	2.001605	-1.00116	-0.77782	0.478481	0.490287	DOWN	445.2584	445.258
6260	M512T35_	2.25302	-1.17186	-0.75691	0.478653	0.490348	DOWN	512.4324	512.4294
6261	M354T23_	1.60202	0.679893	0.748446	0.478699	0.490364	UP	354.0063	354.0061
6262	M420T15	1.900279	0.926211	0.745575	0.478804	0.4904	UP	420.1106	420.1105
6263	M315T19	1.690578	0.757517	0.743658	0.478823	0.490407	UP	315.0794	315.0793
6264	M433T22_	1.526952	-0.61065	-0.74851	0.478876	0.490425	DOWN	433.3318	433.3312
6265	M253T21	1.590582	-0.66955	-0.7669	0.478902	0.490435	DOWN	253.1913	253.1909
6266	M342T10_	1.780522	0.8323	0.747249	0.478974	0.49046	UP	341.7217	341.7207
6267	M622T22	1.969054	-0.9775	-0.76837	0.47901	0.490472	DOWN	622.2708	622.2699
6268	M314T16_	1.869128	0.902365	0.742552	0.47903	0.490479	UP	314.0147	314.0145
6269	M371T45	1.393658	0.478877	0.743531	0.479032	0.49048	UP	371.2581	371.2576
6270	M598T34	1.992907	-0.99487	-0.76489	0.479258	0.490559	DOWN	598.3875	598.3864
6271	M663T21_	1.615585	0.692057	0.741811	0.479472	0.490634	UP	662.9923	662.9921
6272	M414T22_	1.580263	0.660165	0.746091	0.479597	0.490677	UP	414.0303	414.0301
6273	M311T13	1.550506	0.632739	0.741419	0.479639	0.490692	UP	311.2698	311.2689
6274	M500T10_	1.846433	0.884741	0.748898	0.479686	0.490708	UP	500.1915	500.1814
6275	M283T8	1.615453	-0.69194	-0.74111	0.47987	0.490772	DOWN	283.0699	283.0696
6276	M212T11_	1.807927	0.854337	0.74085	0.48001	0.490821	UP	212.0372	212.0366
6277	M478T17	1.471757	0.557539	0.740872	0.480017	0.490823	UP	478.4005	478.3999
6278	M416T15	1.879597	0.910423	0.740415	0.480246	0.490903	UP	416.0093	416.0085
6279	M184T30	1.40247	-0.48797	-0.74342	0.480315	0.490927	DOWN	184.0734	184.0731
6280	M415T25	1.626777	-0.70202	-0.76683	0.480475	0.490983	DOWN	415.2118	415.2111
6281	M603T21_	1.634852	0.70916	0.739966	0.48052	0.490999	UP	603.4151	603.4147
6282	M467T9_2	1.658722	0.730072	0.746639	0.480828	0.491106	UP	467.3598	467.3582
6283	M425T17	1.813228	0.85856	0.739865	0.480833	0.491107	UP	424.9984	424.9983
6284	M309T22_	1.741113	-0.80001	-0.77264	0.480836	0.491108	DOWN	309.0911	309.091
6285	M306T32_	1.560312	0.641835	0.739478	0.480963	0.491152	UP	306.2721	306.272
6286	M559T17	1.897045	0.923754	0.739765	0.481116	0.491206	UP	559.138	559.1378
6287	M389T22_	1.641003	0.714578	0.738686	0.481245	0.49125	UP	389.007	389.0067
6288	M437T24	2.280144	-1.18912	-0.77373	0.481702	0.491409	DOWN	437.2649	437.2643
6289	M612T11_	2.339383	1.226128	0.746135	0.481894	0.491475	UP	612.2396	612.238
6290	M792T29_	1.532209	0.615613	0.737495	0.481993	0.49151	UP	792.2661	792.2657
6291	M526T32_	1.50005	0.58501	0.737592	0.482088	0.491543	UP	526.3951	526.394
6292	M429T35	2.454607	1.295492	0.764565	0.482092	0.491544	UP	429.3185	429.3181
6293	M454T17	1.882835	0.912907	0.738139	0.482126	0.491556	UP	453.9311	453.9305
6294	M329T10	1.540947	0.623818	0.74002	0.482167	0.49157	UP	329.2438	329.2437
6295	M200T9	1.942045	0.957576	0.741072	0.482189	0.491578	UP	200.0878	200.0843
6296	M266T19	1.399237	0.484641	0.740113	0.48233	0.491626	UP	266.2481	266.2474
6297	M349T27_	1.59831	0.676548	0.736323	0.48258	0.491713	UP	348.7839	348.7838

6298	M371T21_	1.691701	-0.75847	-0.75136	0.482607	0.491722	DOWN	371.131	371.1309
6299	M634T29_	2.149949	1.104303	0.764776	0.482695	0.491753	UP	634.2371	634.2355
6300	M665T30	1.106466	0.14596	0.736015	0.482837	0.491802	UP	665.4671	665.466
6301	M748T29	1.712793	0.776351	0.742718	0.482852	0.491807	UP	748.186	748.1853
6302	M791T35	1.44009	0.526159	0.735902	0.482875	0.491815	UP	790.5897	790.5888
6303	M425T10_	1.747108	-0.80497	-0.75682	0.482889	0.49182	DOWN	425.2037	425.1954
6304	M331T10_	2.209372	1.143637	0.748769	0.48293	0.491834	UP	331.1885	331.1883
6305	M332T16_	1.396304	0.481613	0.736374	0.48294	0.491838	UP	332.1941	332.1936
6306	M348T33	1.545705	0.628265	0.735641	0.482964	0.491846	UP	348.2899	348.2896
6307	M950T44	1.098865	-0.13601	-0.7356	0.483033	0.49187	DOWN	949.5938	949.5921
6308	M272T17	1.557817	-0.63953	-0.76208	0.483181	0.491921	DOWN	272.1859	272.1853
6309	M277T18_	1.813645	0.858892	0.740754	0.483212	0.491932	UP	277.0561	277.0557
6310	M452T27_	1.537761	-0.62083	-0.75808	0.483361	0.491983	DOWN	452.3134	452.3127
6311	M355T16	1.841884	0.881182	0.73635	0.483575	0.492057	UP	355.0413	355.0412
6312	M335T10_	1.824577	0.867562	0.7345	0.483638	0.492079	UP	334.674	334.6737
6313	M501T10	2.041506	1.029634	0.738723	0.483755	0.492119	UP	501.1896	501.1879
6314	M399T30_	1.462631	0.548566	0.73553	0.483828	0.492144	UP	399.2504	399.2499
6315	M1113T29	2.477423	-1.30884	-0.75618	0.48412	0.492245	DOWN	1112.678	1112.676
6316	M172T19	1.500514	0.585457	0.73514	0.484314	0.492311	UP	172.1697	172.1692
6317	M325T27_	1.492565	0.577794	0.734426	0.484373	0.492332	UP	325.0897	325.0892
6318	M299T22_	1.973602	-0.98083	-0.74973	0.484575	0.492401	DOWN	299.0815	299.0813
6319	M255T11	1.775842	0.828503	0.732605	0.484711	0.492448	UP	255.0642	255.0637
6320	M490T9_5	1.541554	0.624385	0.750293	0.484861	0.4925	UP	490.3217	490.3206
6321	M1112T11	1.709901	0.773913	0.734514	0.484899	0.492513	UP	1111.63	1111.626
6322	M482T32_	1.489146	0.574485	0.732571	0.484943	0.492528	UP	482.3688	482.3679
6323	M375T19	1.400668	0.486115	0.735133	0.485083	0.492576	UP	375.301	375.3001
6324	M312T17_	1.779721	0.831651	0.731836	0.485323	0.492658	UP	312.0896	312.0893
6325	M331T22_	1.732736	0.793052	0.735472	0.48538	0.492678	UP	331.0844	331.0843
6326	M240T16	1.712227	0.775874	0.732368	0.485474	0.49271	UP	240.0684	240.0679
6327	M624T28	2.376436	-1.2488	-0.7588	0.485522	0.492727	DOWN	624.1999	624.1995
6328	M311T17_	1.990047	0.992802	0.73214	0.485547	0.492735	UP	311.3789	311.3789
6329	M485T11	1.584963	0.66445	0.734084	0.4856	0.492753	UP	485.3702	485.3695
6330	M215T18	1.295123	-0.37309	-0.74534	0.48569	0.492784	DOWN	215.0571	215.057
6331	M283T12	1.435965	0.52202	0.731965	0.485708	0.49279	UP	283.2381	283.2378
6332	M219T10_	1.642377	0.715785	0.731211	0.485797	0.492821	UP	219.1747	219.1746
6333	M303T23	1.528731	-0.61233	-0.74797	0.485901	0.492857	DOWN	303.1807	303.1802
6334	M322T23_	1.697909	-0.76376	-0.7384	0.486275	0.492985	DOWN	322.0545	322.0541
6335	M780T41	1.675475	0.744571	0.745365	0.48647	0.493051	UP	780.2575	780.2564
6336	M282T16	1.752322	0.809268	0.731466	0.486482	0.493055	UP	282.0984	282.0982
6337	M313T16	1.540246	0.623161	0.731032	0.486757	0.49315	UP	313.1802	313.1798
6338	M1115T11	1.842671	0.881799	0.733403	0.486757	0.49315	UP	1114.6	1114.598
6339	M507T9	2.133334	1.09311	0.742913	0.48681	0.493168	UP	507.2627	507.2613
6340	M387T45	2.886203	1.529173	0.762438	0.48684	0.493178	UP	387.2531	387.2527
6341	M734T24_	1.447331	0.533395	0.738893	0.486841	0.493178	UP	733.5512	733.5502
6342	M364T33	1.826863	0.869369	0.7373	0.486878	0.493191	UP	363.6113	363.6112
6343	M244T13_	1.921787	0.942448	0.755268	0.486908	0.493201	UP	244.2273	244.227
6344	M774T23	2.187082	-1.12901	-0.75232	0.487005	0.493234	DOWN	774.1833	774.1819

6345	M339T10_	1.719533	0.782017	0.729293	0.487083	0.493261	UP	338.8078	338.7991
6346	M732T37	1.479172	0.56479	0.728829	0.487087	0.493262	UP	731.5354	731.5349
6347	M358T20	1.674313	0.743569	0.728768	0.487369	0.493359	UP	358.1318	358.1315
6348	M429T30	1.144951	0.195285	0.728435	0.48737	0.493359	UP	429.3008	429.3001
6349	M695T27	1.557837	0.639545	0.729874	0.487492	0.493401	UP	695.1779	695.1772
6350	M791T45	1.115853	-0.15815	-0.7304	0.487594	0.493435	DOWN	790.6165	790.6151
6351	M717T9_2	1.95387	0.966334	0.74317	0.487595	0.493436	UP	717.4894	717.4874
6352	M567T10_	1.623966	0.699522	0.728217	0.487609	0.493441	UP	566.9298	566.9279
6353	M614T35_	1.506823	0.59151	0.727267	0.488151	0.493625	UP	614.4841	614.4835
6354	M441T35	1.349866	0.432816	0.727865	0.488223	0.49365	UP	441.4131	441.4125
6355	M575T29_	1.678009	0.74675	0.727013	0.488232	0.493653	UP	575.2962	575.296
6356	M207T30_	2.878099	-1.52512	-0.76052	0.488278	0.493669	DOWN	207.0797	207.0795
6357	M271T30	2.294417	1.198127	0.736893	0.488304	0.493677	UP	270.9423	270.9421
6358	M583T33	1.896994	0.923715	0.727984	0.488413	0.493715	UP	583.1195	583.1192
6359	M383T10_	1.455201	0.541218	0.733935	0.488492	0.493742	UP	383.3468	383.3464
6360	M342T31_	1.370196	0.454382	0.730094	0.488556	0.493763	UP	342.3196	342.3194
6361	M489T20	1.492821	0.578041	0.742403	0.488638	0.493791	UP	489.2047	489.1951
6362	M384T10_	1.728245	0.789308	0.726322	0.488819	0.493853	UP	383.8122	383.811
6363	M381T31_	1.306663	0.385887	0.734444	0.488929	0.49389	UP	381.2354	381.2351
6364	M415T21_	1.53345	0.616781	0.731123	0.489086	0.493943	UP	415.2118	415.211
6365	M894T34	1.535166	0.618395	0.725285	0.489155	0.493967	UP	893.6252	893.6239
6366	M1293T41	2.069389	-1.0492	-0.73436	0.489276	0.494008	DOWN	1292.638	1292.636
6367	M206T31	1.400557	0.486	0.726327	0.489405	0.494052	UP	206.0893	206.0889
6368	M437T9_2	1.453771	-0.5398	-0.72446	0.489478	0.494077	DOWN	437.3404	437.3393
6369	M386T16	1.80739	0.853908	0.726239	0.489555	0.494103	UP	385.9989	385.9983
6370	M453T36	1.522984	0.606901	0.724127	0.489666	0.49414	UP	453.3616	453.3609
6371	M279T31_	1.947665	-0.96175	-0.7255	0.489732	0.494163	DOWN	279.0658	279.0599
6372	M371T9	3.337721	1.738864	0.755452	0.490376	0.494381	UP	371.2274	371.2271
6373	M256T17_	1.553898	-0.63589	-0.74723	0.490591	0.494454	DOWN	256.1909	256.1904
6374	M531T30	1.617191	-0.69349	-0.74328	0.490859	0.494544	DOWN	531.2911	531.2903
6375	M441T26	1.746052	0.804096	0.722418	0.490876	0.49455	UP	441.0997	441.0994
6376	M1177T9	2.209697	1.143849	0.727396	0.491046	0.494608	UP	1176.699	1176.699
6377	M924T44_	1.464481	0.55039	0.754317	0.491068	0.494615	UP	923.5932	923.5925
6378	M315T29	1.292231	-0.36986	-0.72809	0.49117	0.49465	DOWN	315.2167	315.2166
6379	M344T18	1.639611	0.713354	0.721341	0.491256	0.494679	UP	343.9755	343.9745
6380	M247T17	1.362887	0.446666	0.721395	0.491653	0.494813	UP	247.1655	247.1648
6381	M640T33_	1.547693	0.630119	0.721458	0.491673	0.494819	UP	640.451	640.45
6382	M326T27_	1.616543	0.692912	0.720588	0.491697	0.494827	UP	325.5881	325.5879
6383	M560T26	1.666334	0.736677	0.723461	0.491804	0.494863	UP	560.0879	560.0874
6384	M266T15_	1.499263	0.584254	0.721008	0.491929	0.494906	UP	266.2328	266.2323
6385	M321T25_	2.007535	1.005425	0.735644	0.492045	0.494945	UP	321.2638	321.2634
6386	M239T14	1.580082	0.66	0.723261	0.492263	0.495018	UP	239.0309	239.0305
6387	M569T26	1.509367	0.593944	0.721429	0.492286	0.495026	UP	569.2371	569.2368
6388	M319T27	1.570609	-0.65132	-0.73772	0.492344	0.495046	DOWN	319.079	319.0784
6389	M385T27_	1.754794	0.811302	0.719413	0.49253	0.495108	UP	385.0371	385.037
6390	M623T10_	1.852494	0.889469	0.723012	0.492539	0.495111	UP	622.5187	622.5174
6391	M469T11_	1.558243	0.63992	0.719074	0.492646	0.495147	UP	469.3394	469.3379

6392	M670T43_	1.131316	0.178001	0.724572	0.492918	0.495239	UP	669.9569	669.9563
6393	M697T10_	1.84064	0.880208	0.718854	0.49296	0.495253	UP	696.9012	696.9008
6394	M389T22_	1.644515	0.717662	0.718044	0.493272	0.495358	UP	388.9825	388.982
6395	M310T33	1.73673	-0.79637	-0.73839	0.493561	0.495455	DOWN	310.2072	310.2067
6396	M343T31	1.546436	0.628947	0.721473	0.493726	0.49551	UP	343.2593	343.2587
6397	M878T30	1.373259	0.457604	0.741971	0.493731	0.495512	UP	878.4034	878.4018
6398	M418T26_	1.776506	0.829042	0.731911	0.493748	0.495517	UP	418.026	418.0258
6399	M282T18_	1.702308	0.767493	0.716998	0.49384	0.495548	UP	282.4681	282.4679
6400	M395T17	1.763106	-0.81812	-0.74093	0.494312	0.495707	DOWN	395.1277	395.1274
6401	M586T29_	1.57184	0.652455	0.716039	0.494525	0.495778	UP	586.2592	586.2578
6402	M531T39	1.705654	0.770325	0.738967	0.49488	0.495897	UP	531.3313	531.3309
6403	M512T44	1.098177	0.13511	0.72401	0.494955	0.495922	UP	512.2693	512.2693
6404	M297T16	1.388268	0.473286	0.71499	0.495057	0.495956	UP	297.1853	297.1845
6405	M257T11_	3.490999	1.80364	0.739526	0.495092	0.495968	UP	257.0347	257.034
6406	M318T18_	1.773949	0.826965	0.719708	0.495114	0.495975	UP	318.0828	318.0823
6407	M294T20	1.835932	-0.87651	-0.72853	0.495147	0.495986	DOWN	294.2354	294.235
6408	M291T24	1.674445	-0.74368	-0.7358	0.495364	0.496059	DOWN	291.232	291.2314
6409	M341T10_	3.732811	1.900263	0.745596	0.495674	0.496162	UP	340.7884	340.7825
6410	M530T30_	1.616711	-0.69306	-0.73395	0.495689	0.496167	DOWN	530.2877	530.287
6411	M408T37_	1.3263	0.407407	0.713755	0.495719	0.496177	UP	408.3322	408.3317
6412	M394T10_	1.884017	0.913812	0.719525	0.496036	0.496283	UP	394.3431	394.3426
6413	M198T10	1.455898	0.54191	0.714803	0.49607	0.496294	UP	198.1491	198.1485
6414	M272T32_	1.625092	0.700521	0.737547	0.496224	0.496346	UP	271.9003	271.8999
6415	M691T10_	1.562237	0.643613	0.714714	0.496406	0.496406	UP	690.5033	690.502
6416	M547T22_	1.438027	0.524091	0.712981	0.496637	0.496483	UP	547.4667	547.4656
6417	M365T9	2.150344	1.104568	0.717202	0.496674	0.496495	UP	364.9801	364.9798
6418	M1291T41	2.062765	-1.04458	-0.72195	0.496836	0.496549	DOWN	1290.632	1290.629
6419	M435T29_	1.754088	-0.81072	-0.73649	0.496838	0.49655	DOWN	435.3583	435.3579
6420	M760T29	1.295446	-0.37345	-0.71728	0.497075	0.496629	DOWN	760.1811	760.1773
6421	M450T11_	1.970962	0.9789	0.711783	0.497105	0.496639	UP	449.6976	449.6965
6422	M245T17	1.515706	0.59999	0.711249	0.49718	0.496664	UP	245.0786	245.078
6423	M544T11	1.459142	0.54512	0.711257	0.497217	0.496676	UP	544.3794	544.379
6424	M452T20	1.510783	-0.5953	-0.71783	0.497363	0.496725	DOWN	452.3287	452.3278
6425	M567T18	1.537654	0.620731	0.709949	0.497913	0.496907	UP	567.4358	567.4356
6426	M320T15	1.274846	0.350323	0.711067	0.49797	0.496926	UP	320.2223	320.2216
6427	M398T18	1.563883	-0.64513	-0.7217	0.498029	0.496946	DOWN	397.9887	397.9881
6428	M281T16_	1.676008	0.745029	0.710682	0.498171	0.496993	UP	281.0951	281.0945
6429	M739T32	1.704915	0.769699	0.726256	0.498254	0.49702	UP	739.1962	739.1957
6430	M358T25	1.769779	-0.82357	-0.72542	0.498276	0.497028	DOWN	358.2953	358.295
6431	M523T29	1.861757	-0.89666	-0.73165	0.498383	0.497063	DOWN	523.1053	523.1052
6432	M405T29	1.412936	0.498696	0.709121	0.498475	0.497093	UP	405.3009	405.3005
6433	M498T18_	1.747558	0.805341	0.709088	0.498497	0.497101	UP	498.1245	498.1243
6434	M306T23_	1.566944	0.647954	0.708961	0.49852	0.497108	UP	305.7364	305.7364
6435	M552T18_	1.745236	0.803422	0.708916	0.498702	0.497169	UP	552.062	552.0613
6436	M1292T41	2.080393	-1.05686	-0.71895	0.498764	0.497189	DOWN	1291.635	1291.633
6437	M281T32	1.576307	-0.65655	-0.71524	0.499016	0.497273	DOWN	280.6548	280.6544
6438	M315T14	1.446313	0.53238	0.710633	0.499145	0.497315	UP	315.1958	315.195

6439	M1065T29	2.744327	-1.45645	-0.72957	0.499261	0.497354	DOWN	1064.677	1064.675
6440	M750T29	1.530662	0.614156	0.707331	0.499463	0.49742	UP	749.5461	749.5444
6441	M835T32	1.458505	0.544491	0.708975	0.499467	0.497422	UP	834.5798	834.5791
6442	M687T38	1.186161	0.246299	0.7248	0.499549	0.497449	UP	686.5208	686.5198
6443	M430T23_	1.379164	0.463794	0.711451	0.499552	0.49745	UP	429.6419	429.6409
6444	M486T9_2	2.24804	-1.16867	-0.73544	0.499576	0.497458	DOWN	486.2972	486.2965
6445	M739T41_	1.54293	0.625673	0.714705	0.499876	0.497557	UP	739.231	739.2297
6446	M433T23_	1.581321	0.66113	0.710083	0.499939	0.497578	UP	433.0007	432.9998
6447	M267T26_	1.387203	-0.47218	-0.72053	0.500084	0.497626	DOWN	267.1029	267.1026
6448	M744T31	1.778297	0.830496	0.716706	0.500591	0.497793	UP	743.8784	743.8765
6449	M289T11_	1.897546	0.924135	0.705506	0.500693	0.497826	UP	289.1059	289.1052
6450	M400T30_	1.445097	0.531167	0.706128	0.500851	0.497878	UP	400.254	400.2534
6451	M660T30	2.059747	1.042467	0.726302	0.500932	0.497905	UP	660.2521	660.2516
6452	M517T11	1.698434	0.764205	0.714517	0.501034	0.497939	UP	517.1769	517.1751
6453	M510T11	1.569988	0.650753	0.71811	0.501104	0.497961	UP	510.1627	510.1621
6454	M516T27	1.813356	-0.85866	-0.72877	0.501214	0.497998	DOWN	516.1291	516.1281
6455	M489T22	1.431339	0.517366	0.711565	0.501427	0.498068	UP	488.946	488.9458
6456	M1136T29	2.540418	-1.34507	-0.72685	0.501531	0.498102	DOWN	1135.674	1135.674
6457	M799T10	1.97656	0.982991	0.707747	0.501743	0.498172	UP	798.5078	798.5057
6458	M272T11	1.68196	0.750143	0.708753	0.501759	0.498177	UP	271.6122	271.6114
6459	M305T23_	1.46601	0.551895	0.70532	0.501767	0.498179	UP	304.7407	304.7401
6460	M544T23	2.071702	1.050817	0.720369	0.501969	0.498246	UP	544.4057	544.4052
6461	M524T18	1.559315	-0.64091	-0.70984	0.502021	0.498263	DOWN	524.3329	524.3323
6462	M332T40	1.22549	-0.29336	-0.7069	0.502115	0.498294	DOWN	332.2798	332.2795
6463	M556T27_	1.579072	0.659077	0.703047	0.502149	0.498305	UP	556.0723	556.0717
6464	M285T20_	1.431985	0.518017	0.711877	0.502207	0.498324	UP	285.2906	285.29
6465	M331T16	1.360072	0.443683	0.703065	0.502325	0.498363	UP	331.1908	331.1902
6466	M810T23	2.305391	-1.20501	-0.72775	0.502332	0.498365	DOWN	810.3135	810.3131
6467	M724T41	1.358515	-0.44203	-0.70509	0.50257	0.498443	DOWN	724.4112	724.4097
6468	M395T32_	1.421197	0.507107	0.706587	0.502581	0.498446	UP	395.3199	395.3196
6469	M469T43	1.068285	-0.0953	-0.70221	0.502592	0.49845	DOWN	468.9973	468.9965
6470	M212T11_	1.448776	0.534834	0.70252	0.502613	0.498457	UP	212.1647	212.1642
6471	M613T27	1.525879	0.609641	0.704361	0.502678	0.498478	UP	613.1305	613.1299
6472	M711T10_	1.574873	0.655236	0.714399	0.502887	0.498547	UP	710.9716	710.9692
6473	M301T26	1.633117	-0.70763	-0.7229	0.502917	0.498556	DOWN	301.2013	301.2009
6474	M317T19	1.456246	0.542254	0.70278	0.503011	0.498587	UP	317.2049	317.2042
6475	M435T26_	1.539839	0.62278	0.704441	0.50303	0.498594	UP	435.1732	435.1727
6476	M697T7	2.671278	1.41753	0.718383	0.503086	0.498612	UP	696.5393	696.5378
6477	M879T21	1.666578	0.736888	0.706338	0.503274	0.498673	UP	878.607	878.6049
6478	M631T11_	1.648094	0.720799	0.701169	0.503363	0.498702	UP	631.0973	631.0962
6479	M234T12	1.612525	0.689321	0.700759	0.503517	0.498753	UP	234.1142	234.1139
6480	M279T31_	3.333313	1.736957	0.722581	0.503541	0.498761	UP	279.1881	279.1781
6481	M514T22	1.842288	-0.8815	-0.72465	0.503544	0.498762	DOWN	514.1398	514.1393
6482	M604T11	1.793238	0.842567	0.702742	0.503549	0.498763	UP	604.0952	604.0924
6483	M296T27	1.555545	0.63742	0.70163	0.503633	0.498791	UP	296.136	296.1358
6484	M703T35_	1.600633	0.678642	0.700087	0.503728	0.498822	UP	702.5007	702.4992
6485	M432T15	1.504123	0.588923	0.700789	0.503922	0.498885	UP	432.202	432.2012

6486	M520T16	1.755324	0.811737	0.700743	0.504021	0.498917	UP	520.236	520.2357
6487	M461T23_	1.336542	-0.41851	-0.70424	0.504138	0.498956	DOWN	461.2728	461.2719
6488	M294T18_	1.193373	0.255046	0.700231	0.504203	0.498977	UP	294.2277	294.2272
6489	M195T17	1.42923	-0.51524	-0.72493	0.504312	0.499012	DOWN	195.138	195.1375
6490	M402T10_	1.961568	0.972007	0.713889	0.504552	0.499091	UP	402.2867	402.2802
6491	M432T22_	1.553523	0.635544	0.707863	0.504619	0.499112	UP	432.2385	432.2375
6492	M394T11	2.757027	-1.46311	-0.72804	0.504735	0.49915	DOWN	394.2225	394.2129
6493	M572T16	1.838111	0.878224	0.698575	0.504878	0.499197	UP	572.0671	572.0668
6494	M244T21_	1.598753	-0.67695	-0.71474	0.50496	0.499223	DOWN	244.2275	244.227
6495	M624T43_	1.332699	0.414351	0.727307	0.505359	0.499354	UP	624.2624	624.262
6496	M345T16_	1.384367	0.469226	0.69774	0.505394	0.499365	UP	345.1812	345.1804
6497	M763T10_	1.678111	0.746838	0.697083	0.5055	0.499399	UP	762.9409	762.9407
6498	M786T10	1.882693	0.912798	0.697126	0.505524	0.499407	UP	786.1952	786.1947
6499	M286T13	1.651252	0.723561	0.706673	0.505558	0.499418	UP	285.9122	285.9118
6500	M295T32	1.936919	-0.95376	-0.72143	0.505748	0.49948	DOWN	295.1881	295.1876
6501	M397T30_	1.502398	0.587267	0.698396	0.505775	0.499489	UP	397.4052	397.4048
6502	M455T10_	1.612358	0.689172	0.698285	0.505821	0.499504	UP	455.3309	455.33
6503	M283T15	1.473275	0.559027	0.696685	0.505838	0.499509	UP	283.2829	283.2828
6504	M897T26	1.799337	-0.84747	-0.72023	0.50592	0.499536	DOWN	897.4174	897.4153
6505	M328T28	1.520453	-0.6045	-0.71786	0.506055	0.49958	DOWN	328.2121	328.2119
6506	M1112T29	2.261974	-1.17758	-0.7174	0.506385	0.499687	DOWN	1111.674	1111.673
6507	M565T29_	1.619888	-0.69589	-0.71737	0.506458	0.49971	DOWN	565.4208	565.42
6508	M743T29	1.671726	0.741339	0.696183	0.506511	0.499728	UP	743.1946	743.1932
6509	M311T10	1.667213	0.737438	0.695499	0.506732	0.499799	UP	310.7594	310.7585
6510	M371T22	1.79315	-0.8425	-0.7156	0.506807	0.499824	DOWN	371.1889	371.1882
6511	M425T18_	1.576102	0.656361	0.695462	0.506912	0.499857	UP	425.0303	425.0297
6512	M437T17	1.701193	0.766547	0.69553	0.506944	0.499868	UP	437.1624	437.1624
6513	M456T15	1.568062	0.648983	0.695491	0.506992	0.499883	UP	456.1938	456.1931
6514	M301T18_	1.303653	0.38256	0.698994	0.507026	0.499894	UP	301.2169	301.2167
6515	M843T30	1.10433	0.143172	0.704819	0.507452	0.500032	UP	842.575	842.5741
6516	M775T23	2.108032	-1.0759	-0.71441	0.507483	0.500042	DOWN	775.1868	775.186
6517	M518T27_	1.470994	-0.55679	-0.708	0.50762	0.500087	DOWN	518.3242	518.3234
6518	M352T17_	1.724444	-0.78613	-0.71594	0.508089	0.500238	DOWN	352.1056	352.1054
6519	M736T29_	1.700013	0.765546	0.719117	0.50809	0.500238	UP	736.2109	736.2108
6520	M287T33	1.404735	0.490298	0.692879	0.508158	0.500261	UP	287.222	287.2213
6521	M538T43_	1.638392	0.712281	0.715989	0.508525	0.500379	UP	538.3207	538.3196
6522	M255T17_	1.50045	-0.58539	-0.71623	0.508634	0.500414	DOWN	255.1593	255.1587
6523	M349T27_	1.577237	0.657399	0.693776	0.508638	0.500415	UP	349.1102	349.1094
6524	M342T11_	1.762383	0.817527	0.69177	0.508668	0.500425	UP	341.6821	341.6816
6525	M227T14_	1.591519	0.670404	0.692486	0.508676	0.500428	UP	227.0559	227.0558
6526	M455T9_1	1.546481	0.628989	0.712977	0.508786	0.500463	UP	454.5949	454.5901
6527	M395T19_	1.39065	0.475759	0.693493	0.509027	0.500541	UP	395.3177	395.317
6528	M183T21_	1.996732	0.997641	0.699552	0.509432	0.500671	UP	183.0361	183.0358
6529	M554T30	1.582061	-0.66181	-0.70759	0.509759	0.500776	DOWN	554.2877	554.2874
6530	M555T20	1.488824	0.574174	0.689419	0.510058	0.500872	UP	555.3211	555.3203
6531	M570T30_	1.376555	-0.46106	-0.70294	0.510129	0.500895	DOWN	569.5003	569.4994
6532	M352T35	1.510318	0.594852	0.689248	0.510189	0.500915	UP	352.3058	352.3057

6533	M351T20	1.551748	0.633894	0.696754	0.510268	0.50094	UP	351.2588	351.258
6534	M331T26_	1.487428	0.57282	0.689491	0.510316	0.500955	UP	331.1571	331.1569
6535	M356T22_	1.593702	0.672382	0.691462	0.510335	0.500961	UP	356.2289	356.2285
6536	M559T24	1.633883	0.708305	0.695913	0.510423	0.50099	UP	559.0909	559.0898
6537	M289T35	1.284368	-0.36106	-0.68989	0.51061	0.501049	DOWN	289.2375	289.2373
6538	M388T16	1.633682	0.708127	0.691796	0.510626	0.501055	UP	387.9992	387.9991
6539	M184T15	1.43661	0.522669	0.691219	0.510733	0.501089	UP	184.1696	184.1695
6540	M358T21	1.597517	0.675831	0.688177	0.51086	0.50113	UP	358.1317	358.1315
6541	M182T10_	1.624176	0.699708	0.699859	0.510957	0.501161	UP	182.1541	182.1537
6542	M283T26_	1.365863	0.449813	0.688386	0.510989	0.501171	UP	283.1311	283.1309
6543	M151T26	1.377375	0.461921	0.692372	0.511013	0.501179	UP	151.0754	151.0751
6544	M333T10_	2.038755	1.027688	0.696553	0.511182	0.501233	UP	333.266	333.2654
6545	M358T30	1.353351	0.436536	0.698498	0.511368	0.501292	UP	358.2016	358.2009
6546	M313T23_	1.563512	0.64479	0.692396	0.51142	0.501309	UP	312.9796	312.9788
6547	M292T10	1.473203	0.558956	0.689426	0.511511	0.501338	UP	292.1546	292.1542
6548	M167T21	1.385857	0.470778	0.686551	0.5118	0.501431	UP	167.0703	167.07
6549	M517T32	1.628452	0.703501	0.707167	0.511851	0.501447	UP	516.9752	516.975
6550	M465T31	1.768744	0.822726	0.69391	0.511895	0.501461	UP	464.6715	464.6713
6551	M433T22_	1.60215	0.680009	0.698211	0.511939	0.501475	UP	433.2418	433.2408
6552	M583T22	2.041862	-1.02989	-0.70963	0.512052	0.501511	DOWN	583.2392	583.2387
6553	M332T23_	1.342207	0.424607	0.68744	0.512143	0.50154	UP	332.316	332.3158
6554	M482T20	2.244925	-1.16667	-0.71147	0.512286	0.501586	DOWN	482.0201	482.0195
6555	M542T33	1.827999	0.870265	0.687871	0.512599	0.501686	UP	542.0926	542.0925
6556	M400T10_	1.442085	0.528156	0.685778	0.51261	0.50169	UP	400.4017	400.4003
6557	M593T10_	1.662952	0.733747	0.685126	0.512624	0.501694	UP	592.8925	592.8908
6558	M279T27_	1.151966	-0.2041	-0.68574	0.512662	0.501706	DOWN	279.1593	279.1592
6559	M325T11	1.582045	0.661791	0.695778	0.512709	0.501721	UP	325.1913	325.1909
6560	M349T10_	2.101208	1.071219	0.695709	0.512932	0.501792	UP	348.5138	348.513
6561	M297T32_	1.517499	0.601695	0.710376	0.512982	0.501808	UP	297.1344	297.134
6562	M541T36	1.267454	0.341934	0.685542	0.512987	0.50181	UP	541.4293	541.4283
6563	M511T30	1.516715	-0.60095	-0.68665	0.513462	0.501961	DOWN	511.1648	511.1642
6564	M302T25	2.067249	-1.04771	-0.70989	0.513689	0.502033	DOWN	302.269	302.2686
6565	M820T11	1.674426	0.743666	0.682937	0.51395	0.502116	UP	819.5587	819.5565
6566	M389T31_	1.63163	-0.70631	-0.70067	0.514037	0.502144	DOWN	389.2686	389.2682
6567	M273T28	1.502704	0.587561	0.699585	0.514054	0.502149	UP	273.2981	273.2977
6568	M217T7	1.791338	0.841038	0.705034	0.514079	0.502157	UP	217.1046	217.1044
6569	M658T41_	1.404021	-0.48956	-0.685	0.514323	0.502235	DOWN	658.3433	658.3424
6570	M341T11_	1.730689	0.791347	0.682403	0.51433	0.502237	UP	341.1804	341.1796
6571	M491T9_2	1.477169	-0.56283	-0.69207	0.514417	0.502265	DOWN	491.2988	491.2977
6572	M417T45	1.107989	-0.14794	-0.6822	0.514426	0.502268	DOWN	416.8212	416.8209
6573	M570T32_	1.464253	0.550165	0.682533	0.514426	0.502268	UP	570.4215	570.4204
6574	M394T19_	1.359614	0.443198	0.68563	0.514442	0.502273	UP	394.3145	394.3138
6575	M541T11_	2.003122	1.00225	0.682724	0.51484	0.502399	UP	541.1566	541.1545
6576	M498T11_	1.995191	0.996527	0.682356	0.515161	0.502501	UP	498.1245	498.1239
6577	M576T29	1.847955	-0.88593	-0.71099	0.515292	0.502542	DOWN	576.2936	576.2934
6578	M475T23	1.583703	0.663302	0.682607	0.515449	0.502592	UP	475.0307	475.0301
6579	M919T31	1.399227	0.48463	0.68559	0.51561	0.502643	UP	918.601	918.5999

6580	M531T17	1.814806	0.859815	0.681782	0.515669	0.502662	UP	530.8399	530.8398
6581	M317T20_	1.77623	-0.82882	-0.69664	0.515733	0.502682	DOWN	317.1362	317.1355
6582	M651T11_	1.691186	0.758036	0.687633	0.515802	0.502704	UP	651.1036	651.1032
6583	M605T23	1.854799	-0.89126	-0.69778	0.515948	0.50275	DOWN	605.1475	605.1472
6584	M511T9	1.96507	0.974581	0.698528	0.516004	0.502768	UP	511.4091	511.4073
6585	M430T15	1.65611	0.727798	0.68189	0.516186	0.502825	UP	430.1679	430.1675
6586	M243T24	1.908852	-0.93271	-0.70287	0.516294	0.502859	DOWN	243.2318	243.2311
6587	M285T16_	1.55283	0.6349	0.678949	0.516348	0.502876	UP	285.2539	285.2533
6588	M572T27	1.538866	0.621868	0.679254	0.516447	0.502908	UP	572.2441	572.2436
6589	M741T41	1.562581	0.643931	0.691512	0.516584	0.502951	UP	741.2262	741.2255
6590	M187T30	2.909439	-1.54074	-0.70886	0.516641	0.502969	DOWN	186.5664	186.5662
6591	M1116T11	1.758527	0.814367	0.682137	0.516669	0.502978	UP	1115.604	1115.601
6592	M527T32_	1.466971	0.55284	0.679473	0.516744	0.503002	UP	527.3984	527.3976
6593	M530T11	1.386332	0.471273	0.678158	0.516815	0.503024	UP	530.3806	530.3796
6594	M402T29	1.421296	-0.50721	-0.6826	0.516821	0.503026	DOWN	402.2906	402.2904
6595	M717T9_1	1.552573	0.634662	0.678169	0.517064	0.503102	UP	717.4691	717.4668
6596	M685T9_2	1.825857	-0.86857	-0.68899	0.517269	0.503167	DOWN	685.3908	685.3893
6597	M318T19	1.459646	0.545618	0.678383	0.517289	0.503173	UP	318.2082	318.2074
6598	M368T18_	1.418235	-0.5041	-0.70771	0.517303	0.503178	DOWN	368.2117	368.2111
6599	M340T13	2.037102	1.026518	0.683344	0.51736	0.503196	UP	340.1405	340.1402
6600	M595T9	1.684722	0.752511	0.679448	0.517517	0.503245	UP	594.8919	594.8905
6601	M468T20_	1.754316	-0.81091	-0.69281	0.517545	0.503254	DOWN	468.3683	468.3681
6602	M552T13	1.536949	0.62007	0.676783	0.517641	0.503284	UP	552.4168	552.4146
6603	M746T21	1.527216	0.610904	0.679606	0.517643	0.503285	UP	745.5334	745.5313
6604	M315T15	1.434048	0.520093	0.680824	0.518109	0.503431	UP	315.1959	315.1954
6605	M212T15	1.411871	0.497608	0.680076	0.518161	0.503448	UP	212.1646	212.1643
6606	M396T20	1.831794	-0.87326	-0.70417	0.51817	0.503451	DOWN	396.1302	396.13
6607	M472T20_	1.572176	-0.65276	-0.6786	0.518191	0.503457	DOWN	472.3037	472.3025
6608	M680T31	1.356341	-0.43972	-0.68219	0.518246	0.503475	DOWN	680.2169	680.2167
6609	M269T31_	1.290942	0.368424	0.676474	0.518313	0.503496	UP	269.2477	269.2473
6610	M412T23_	1.705375	-0.77009	-0.70038	0.518328	0.5035	DOWN	412.2331	412.2326
6611	M312T23_	1.976762	-0.98314	-0.69827	0.518412	0.503527	DOWN	312.1614	312.1609
6612	M624T11_	1.534507	0.617776	0.681738	0.518457	0.503541	UP	623.8895	623.8885
6613	M310T17_	1.388081	0.473092	0.677722	0.518597	0.503585	UP	310.2435	310.2427
6614	M334T9	1.706842	-0.77133	-0.68567	0.519003	0.503712	DOWN	334.4786	334.4784
6615	M660T43	1.137058	0.185306	0.685286	0.519175	0.503766	UP	659.9693	659.9679
6616	M239T17	1.474923	-0.56064	-0.69779	0.519341	0.503818	DOWN	239.1643	239.164
6617	M337T24_	1.802741	-0.85019	-0.69726	0.519438	0.503849	DOWN	337.1048	337.1041
6618	M782T10_	1.952453	0.965288	0.673764	0.519475	0.50386	UP	782.1504	782.1495
6619	M849T37	1.161567	0.216072	0.685147	0.519621	0.503906	UP	848.5946	848.5944
6620	M854T11	1.553862	0.635858	0.675754	0.519626	0.503908	UP	853.6028	853.602
6621	M385T18_	1.581014	0.66085	0.67371	0.519678	0.503924	UP	385.0023	385.0017
6622	M351T9_1	1.676924	-0.74582	-0.68577	0.519786	0.503958	DOWN	350.7085	350.7083
6623	M791T32	1.448819	0.534878	0.673753	0.519882	0.503988	UP	790.5534	790.5519
6624	M688T31_	1.760674	0.816128	0.698513	0.520093	0.504054	UP	688.1595	688.158
6625	M515T11	1.637432	0.711435	0.673236	0.520159	0.504075	UP	515.3536	515.3518
6626	M893T34	1.481602	0.567158	0.673142	0.520242	0.504101	UP	892.6214	892.6194

6627	M555T27_	1.813119	-0.85847	-0.69059	0.520281	0.504113	DOWN	555.0218	555.0212
6628	M459T24_	2.408525	-1.26815	-0.70066	0.520305	0.50412	DOWN	459.2465	459.2458
6629	M842T30_	1.099737	0.137158	0.674012	0.520517	0.504187	UP	841.5724	841.5712
6630	M725T41	1.462133	-0.54808	-0.67386	0.520619	0.504218	DOWN	725.4145	725.4124
6631	M360T22_	1.343706	-0.42622	-0.67264	0.520665	0.504233	DOWN	360.2439	360.2436
6632	M249T22_	1.603367	-0.6811	-0.68817	0.520678	0.504237	DOWN	249.1827	249.1826
6633	M416T21_	1.531499	0.614944	0.678783	0.520771	0.504266	UP	416.2152	416.2143
6634	M344T29	1.394173	0.479409	0.671544	0.52079	0.504272	UP	344.1575	344.157
6635	M317T26_	1.793903	-0.8431	-0.6929	0.521164	0.504389	DOWN	317.2306	317.2301
6636	M393T19_	1.349081	0.431977	0.673891	0.521642	0.504538	UP	393.3112	393.3104
6637	M275T29	1.445521	0.53159	0.671939	0.52179	0.504584	UP	275.2371	275.2368
6638	M594T9_1	1.944783	0.959609	0.674751	0.521838	0.504599	UP	593.8906	593.8899
6639	M376T19	1.3743	0.458697	0.672462	0.521867	0.504608	UP	376.3043	376.3034
6640	M480T31	1.386736	-0.47169	-0.67198	0.521935	0.504629	DOWN	480.3088	480.3082
6641	M699T10_	1.885395	-0.91487	-0.68426	0.522107	0.504683	DOWN	698.9684	698.9674
6642	M334T19_	1.50679	0.591479	0.668816	0.522467	0.504795	UP	334.2744	334.2742
6643	M207T25	1.422814	-0.50875	-0.67672	0.522505	0.504806	DOWN	207.1857	207.1854
6644	M411T10_	1.574767	-0.65514	-0.68394	0.5226	0.504836	DOWN	411.2372	411.2368
6645	M433T34_	1.535642	0.618842	0.668295	0.522791	0.504895	UP	433.3138	433.3133
6646	M1064T29	2.226205	-1.15459	-0.68844	0.523041	0.504973	DOWN	1063.675	1063.673
6647	M228T22_	1.520775	0.604806	0.667734	0.523114	0.504996	UP	228.0446	228.0443
6648	M268T12	1.829154	0.871177	0.667471	0.523255	0.505039	UP	268.0633	268.0566
6649	M298T13	1.955059	0.967212	0.673892	0.523271	0.505044	UP	298.1103	298.1097
6650	M563T23_	1.457179	0.543178	0.67858	0.523611	0.50515	UP	563.3776	563.3766
6651	M375T18_	1.326345	0.407457	0.682675	0.523865	0.505228	UP	375.0069	375.0065
6652	M432T39	1.564548	0.645746	0.695368	0.52402	0.505277	UP	432.3425	432.3424
6653	M520T9	1.647079	-0.71991	-0.66636	0.524108	0.505304	DOWN	520.3323	520.3317
6654	M307T18	1.463571	0.549493	0.667947	0.524127	0.50531	UP	307.2483	307.2475
6655	M643T17	1.509263	0.593844	0.671042	0.52415	0.505317	UP	643.4692	643.4688
6656	M314T9_2	1.51579	-0.60007	-0.67269	0.524361	0.505382	DOWN	314.2809	314.2796
6657	M415T21_	1.579961	0.659889	0.667931	0.524533	0.505435	UP	415.0345	415.0335
6658	M437T30	1.504427	-0.58921	-0.6659	0.52457	0.505447	DOWN	437.2064	437.206
6659	M392T13_	1.766777	0.82112	0.670213	0.524636	0.505467	UP	391.9519	391.9516
6660	M736T29_	2.026989	1.019338	0.695207	0.524767	0.505508	UP	736.1591	736.1583
6661	M1088T29	2.197019	-1.13555	-0.68398	0.524793	0.505516	DOWN	1087.674	1087.673
6662	M929T30	1.120409	0.164026	0.671606	0.524817	0.505523	UP	928.6218	928.6203
6663	M361T9	2.16375	-1.11353	-0.69408	0.524853	0.505534	DOWN	360.7581	360.7576
6664	M183T21_	2.979486	1.575063	0.693938	0.524895	0.505547	UP	183.0216	183.0214
6665	M507T11_	1.680322	0.748738	0.664751	0.524917	0.505554	UP	507.1729	507.1712
6666	M435T11_	1.837561	0.877792	0.664832	0.524921	0.505555	UP	434.8764	434.8758
6667	M352T22_	1.645494	0.718521	0.666532	0.524976	0.505572	UP	352.3581	352.3576
6668	M226T10	2.088434	1.062422	0.668928	0.525033	0.50559	UP	225.6126	225.6124
6669	M295T9_2	1.529551	0.613108	0.66604	0.525073	0.505602	UP	295.1749	295.1744
6670	M339T13_	1.91987	0.941009	0.669637	0.525156	0.505628	UP	339.1369	339.1363
6671	M393T20_	1.464851	0.550754	0.667496	0.525178	0.505635	UP	393.2864	393.2856
6672	M238T16	1.634198	0.708583	0.664762	0.525287	0.505668	UP	238.073	238.073
6673	M253T11	1.697247	0.763196	0.663971	0.525483	0.505729	UP	253.0638	253.0632

6674	M334T21	1.364408	0.448275	0.663795	0.525486	0.50573	UP	334.2383	334.2371
6675	M533T18_	1.70545	0.770152	0.663975	0.525488	0.50573	UP	533.0228	533.0222
6676	M350T19_	1.358407	-0.44192	-0.66591	0.525918	0.505863	DOWN	350.0825	350.0818
6677	M342T29	1.471505	0.557292	0.663652	0.525953	0.505874	UP	341.6094	341.6092
6678	M533T31	1.584607	0.664125	0.666102	0.52597	0.505879	UP	533.0085	533.0084
6679	M562T19	1.493071	0.578283	0.667178	0.526009	0.505891	UP	562.3745	562.3734
6680	M412T24_	1.499065	0.584063	0.665491	0.526026	0.505896	UP	412.1572	412.1569
6681	M494T18_	2.004795	-1.00345	-0.67746	0.526043	0.505902	DOWN	494.0998	494.0986
6682	M554T25	2.313761	-1.21024	-0.68908	0.526165	0.505939	DOWN	554.3078	554.307
6683	M389T22_	1.422033	0.507955	0.664589	0.526346	0.505995	UP	389.0226	389.0218
6684	M399T22	1.510226	0.594765	0.665613	0.526634	0.506084	UP	399.018	399.0173
6685	M715T34	1.758696	-0.81451	-0.68305	0.526811	0.506138	DOWN	715.334	715.3329
6686	M444T28	1.598856	0.67704	0.661503	0.527085	0.506222	UP	444.0768	444.0765
6687	M849T34	1.471089	0.556885	0.66158	0.527267	0.506278	UP	848.5954	848.5937
6688	M442T35_	1.284366	-0.36106	-0.66078	0.527327	0.506296	DOWN	442.3891	442.3878
6689	M464T44	1.194767	-0.25673	-0.66945	0.527341	0.506301	DOWN	464.2489	464.2483
6690	M373T34	1.79128	-0.84099	-0.6787	0.527648	0.506395	DOWN	373.2931	373.2927
6691	M191T12	1.356703	0.440105	0.660941	0.52768	0.506405	UP	191.1642	191.164
6692	M313T17	1.62365	0.699241	0.6621	0.527749	0.506426	UP	312.9797	312.979
6693	M392T12	1.405843	0.491435	0.660049	0.527774	0.506434	UP	392.2072	392.2063
6694	M418T40	1.464668	0.550574	0.659969	0.52783	0.506451	UP	418.3165	418.3157
6695	M811T24	1.701957	-0.76719	-0.67713	0.52796	0.506491	DOWN	811.3799	811.3785
6696	M1089T29	2.101969	-1.07174	-0.67812	0.52811	0.506537	DOWN	1088.678	1088.676
6697	M614T32	1.451466	0.537511	0.659795	0.528258	0.506582	UP	614.4481	614.4468
6698	M342T18	1.471785	0.557567	0.659734	0.528309	0.506598	UP	342.3006	342.3005
6699	M411T22_	1.754671	-0.8112	-0.68245	0.528365	0.506615	DOWN	411.0083	411.007
6700	M594T11	1.627628	0.702771	0.660922	0.528654	0.506703	UP	594.2946	594.2939
6701	M234T25	1.706746	-0.77125	-0.67941	0.528673	0.506709	DOWN	234.2148	234.2144
6702	M284T16_	1.429362	-0.51537	-0.67908	0.528734	0.506728	DOWN	284.1858	284.1852
6703	M500T23	1.770588	0.824228	0.66843	0.528904	0.50678	UP	500.3796	500.3793
6704	M254T13_	1.411989	0.497728	0.659775	0.529019	0.506815	UP	254.2503	254.2498
6705	M494T18_	1.693634	0.760122	0.659643	0.529071	0.506831	UP	494.2396	494.2395
6706	M517T23	1.502617	0.587478	0.6611	0.529193	0.506868	UP	517.1365	517.1358
6707	M570T36_	1.412432	0.498181	0.658273	0.529195	0.506869	UP	570.4578	570.4573
6708	M406T18_	1.571331	0.651987	0.657534	0.529299	0.5069	UP	406.1316	406.1305
6709	M484T9_2	2.163081	-1.11309	-0.67962	0.529519	0.506968	DOWN	484.2996	484.2986
6710	M170T13	1.44385	0.529921	0.66027	0.529574	0.506985	UP	170.1652	170.1649
6711	M825T31	1.295287	0.373272	0.663161	0.529795	0.507052	UP	824.6088	824.6071
6712	M390T16	1.577343	0.657497	0.659241	0.529957	0.507102	UP	389.9944	389.9941
6713	M322T19_	1.439012	0.525079	0.657024	0.53011	0.507148	UP	322.2856	322.2849
6714	M280T30	1.680769	-0.74912	-0.67379	0.53042	0.507243	DOWN	280.1627	280.1622
6715	M549T40	1.591072	-0.67	-0.67462	0.530482	0.507261	DOWN	549.3038	549.3015
6716	M545T11_	1.66512	0.735626	0.655558	0.530537	0.507278	UP	545.1723	545.1709
6717	M291T10	1.44436	0.530431	0.656871	0.530572	0.507289	UP	291.1995	291.1986
6718	M590T22_	1.641934	0.715396	0.659065	0.530735	0.507338	UP	590.0526	590.0521
6719	M151T22	1.426642	-0.51262	-0.67193	0.530769	0.507349	DOWN	151.1482	151.1478
6720	M496T31_	1.851516	0.888707	0.681454	0.530962	0.507407	UP	495.8894	495.8886

6721	M211T10	1.436652	0.52271	0.657618	0.531022	0.507426	UP	211.1524	211.1517
6722	M418T23_	1.313899	0.393855	0.679933	0.531082	0.507444	UP	418.2492	418.2489
6723	M351T9_2	1.693908	-0.76036	-0.66552	0.531288	0.507507	DOWN	351.2431	351.2428
6724	M549T10	1.518599	0.602741	0.656062	0.531528	0.50758	UP	549.4019	549.4001
6725	M557T27	1.624469	0.699968	0.653865	0.53156	0.507589	UP	557.0755	557.0747
6726	M660T35	1.396981	0.482312	0.654585	0.531581	0.507596	UP	659.5141	659.5133
6727	M565T29_	1.512335	-0.59678	-0.66488	0.531603	0.507602	DOWN	565.2085	565.2077
6728	M354T17	1.627997	0.703098	0.655187	0.531662	0.50762	UP	354.0063	354.0054
6729	M404T26_	1.250481	0.322483	0.655056	0.532022	0.50773	UP	404.1388	404.1385
6730	M1107T11_	1.624966	0.70041	0.653306	0.532063	0.507742	UP	1106.614	1106.612
6731	M426T16	1.653537	0.725555	0.653852	0.532106	0.507755	UP	426.1366	426.136
6732	M250T25	1.788317	-0.8386	-0.67444	0.532113	0.507757	DOWN	250.2377	250.2376
6733	M242T21_	1.56349	0.64477	0.652751	0.532261	0.507802	UP	242.0841	242.084
6734	M450T27_	1.217469	0.283885	0.652514	0.532374	0.507836	UP	450.1657	450.1652
6735	M366T11_	1.614873	0.691421	0.652478	0.532393	0.507842	UP	366.1366	366.1364
6736	M770T29	1.497848	0.582892	0.660544	0.532501	0.507875	UP	770.1903	770.19
6737	M531T16	1.771226	0.824749	0.652922	0.532525	0.507882	UP	531.0403	531.0402
6738	M538T27	1.464663	-0.55057	-0.66343	0.532633	0.507915	DOWN	538.3485	538.348
6739	M228T10_	1.717623	0.780413	0.651812	0.532801	0.507966	UP	228.0957	228.095
6740	M470T27	1.494969	0.580116	0.653082	0.532817	0.507971	UP	470.1993	470.1988
6741	M575T31_	1.500538	-0.58548	-0.65636	0.532858	0.507983	DOWN	575.267	575.2669
6742	M359T25	1.673122	-0.74254	-0.66666	0.532965	0.508016	DOWN	359.0889	359.0881
6743	M437T33_	1.618645	0.694787	0.652275	0.532975	0.508018	UP	437.1889	437.1883
6744	M277T30	1.198423	-0.26114	-0.66694	0.533153	0.508072	DOWN	277.216	277.2158
6745	M413T23_	1.306737	0.385969	0.656494	0.53323	0.508096	UP	412.7669	412.766
6746	M362T10	1.601133	-0.67909	-0.66391	0.533285	0.508112	DOWN	362.2419	362.2413
6747	M543T11_	1.371754	0.456022	0.650937	0.533371	0.508138	UP	543.3754	543.3742
6748	M348T35	1.288829	-0.36606	-0.66635	0.533527	0.508185	DOWN	348.1806	348.1801
6749	M376T34	1.613502	0.690195	0.674448	0.533537	0.508189	UP	376.3135	376.3127
6750	M271T22	1.285373	-0.36219	-0.66368	0.53362	0.508214	DOWN	271.0869	271.086
6751	M625T22_	1.942535	-0.95794	-0.67186	0.533666	0.508227	DOWN	625.2694	625.2692
6752	M304T16	1.509	0.593593	0.650741	0.533885	0.508294	UP	304.2638	304.2635
6753	M334T17	1.620291	0.696253	0.656715	0.53389	0.508295	UP	333.9099	333.9099
6754	M530T32_	1.850208	-0.88769	-0.67078	0.534109	0.508373	DOWN	530.1447	530.1443
6755	M291T36	1.157579	0.211111	0.653782	0.534326	0.50845	UP	291.1957	291.1954
6756	M268T14	1.583839	0.663426	0.651812	0.534824	0.508627	UP	268.0826	268.0824
6757	M658T32	1.447738	0.5338	0.649081	0.534844	0.508634	UP	658.4744	658.4731
6758	M543T22_	1.942218	-0.9577	-0.65621	0.534967	0.508678	DOWN	543.1383	543.1378
6759	M546T22_	1.400558	0.486002	0.647947	0.535357	0.508817	UP	546.4635	546.4633
6760	M415T24_	1.559919	-0.64147	-0.66682	0.535479	0.50886	DOWN	415.2114	415.2108
6761	M558T17	1.370929	0.455153	0.655483	0.535584	0.508897	UP	558.4218	558.4216
6762	M279T30	1.654724	-0.72659	-0.66423	0.536025	0.509053	DOWN	279.1594	279.1587
6763	M363T31_	1.57094	0.651628	0.65168	0.536134	0.509092	UP	362.7993	362.7986
6764	M491T9_3	1.771486	-0.82496	-0.6674	0.536297	0.50915	DOWN	491.2991	491.2987
6765	M390T18	1.480557	0.56614	0.648394	0.536526	0.509231	UP	389.9948	389.9944
6766	M852T35	1.286123	-0.36303	-0.64642	0.536643	0.509272	DOWN	851.6368	851.6351
6767	M418T21_	1.624148	0.699683	0.645654	0.536675	0.509283	UP	418.0335	418.0334

6768	M537T43_	1.70604	0.770652	0.665328	0.536686	0.509287	UP	537.317	537.316
6769	M541T35	1.419215	0.505093	0.647058	0.536702	0.509293	UP	541.414	541.4132
6770	M672T11	1.638846	0.71268	0.645472	0.536831	0.509339	UP	672.493	672.4927
6771	M465T32	1.432463	0.518498	0.645193	0.537011	0.509402	UP	465.3423	465.3417
6772	M925T11	1.765264	0.819884	0.64571	0.537088	0.50943	UP	925.2795	925.2759
6773	M431T21_	1.529966	0.6135	0.659421	0.537221	0.509476	UP	430.7896	430.7888
6774	M287T22_	1.42924	0.515248	0.644562	0.537392	0.509537	UP	287.0819	287.0818
6775	M350T31_	1.578532	0.658583	0.645434	0.53743	0.50955	UP	350.1059	350.1057
6776	M633T35	1.540977	-0.62385	-0.6499	0.537535	0.509587	DOWN	633.0611	633.0608
6777	M621T29	1.48947	0.574799	0.649051	0.53759	0.509607	UP	621.2693	621.2688
6778	M313T15	1.49613	0.581235	0.64414	0.537621	0.509617	UP	313.1915	313.1913
6779	M332T14	1.363249	0.447049	0.64534	0.537716	0.509651	UP	332.2225	332.2223
6780	M474T39	1.497326	0.582388	0.671755	0.537895	0.509714	UP	474.2977	474.2975
6781	M511T10	1.598904	0.677083	0.651955	0.538006	0.509753	UP	511.1805	511.1665
6782	M431T16	1.704674	0.769496	0.644203	0.538015	0.509757	UP	431.1155	431.1151
6783	M294T15_	1.320312	0.400879	0.64674	0.538167	0.50981	UP	294.2067	294.2064
6784	M329T13	1.587735	0.66697	0.651864	0.538617	0.509969	UP	328.9358	328.9352
6785	M285T20_	1.51625	0.600507	0.642247	0.538678	0.50999	UP	285.0787	285.0783
6786	M500T17	1.743417	0.801918	0.644742	0.538772	0.510023	UP	499.9366	499.9358
6787	M369T10_	1.601942	0.679822	0.642252	0.538925	0.510077	UP	369.2708	369.2703
6788	M401T40	1.463502	0.549425	0.64174	0.53901	0.510107	UP	401.2899	401.2883
6789	M426T33	1.439178	0.525245	0.641833	0.539157	0.510159	UP	426.3943	426.3937
6790	M327T9	1.398428	-0.48381	-0.64151	0.539301	0.510209	DOWN	327.2841	327.2829
6791	M592T29	1.533508	-0.61684	-0.64108	0.539403	0.510245	DOWN	592.2398	592.2395
6792	M646T25_	1.39032	0.475417	0.643726	0.539527	0.510289	UP	646.4802	646.4793
6793	M526T29	1.464019	-0.54993	-0.65601	0.539604	0.510316	DOWN	526.2933	526.2927
6794	M835T21	1.563219	0.64452	0.64464	0.539615	0.51032	UP	834.58	834.5779
6795	M602T21	1.477812	0.563463	0.640741	0.53963	0.510325	UP	602.4119	602.4108
6796	M217T20	1.325047	0.406044	0.642902	0.53965	0.510332	UP	217.1801	217.1798
6797	M496T20	1.381557	0.466295	0.642286	0.539756	0.510369	UP	496.3632	496.3624
6798	M593T9	1.892991	0.920667	0.643688	0.539864	0.510407	UP	593.3892	593.3886
6799	M431T23	1.544727	0.627351	0.644268	0.539926	0.510429	UP	431.0054	431.0049
6800	M280T36	1.560041	-0.64158	-0.65987	0.540223	0.510533	DOWN	280.2636	280.2632
6801	M239T25	1.227695	-0.29595	-0.64796	0.540433	0.510607	DOWN	239.128	239.1277
6802	M433T15_	1.650328	0.722753	0.640051	0.54071	0.510704	UP	433.1312	433.1305
6803	M385T28_	1.527468	0.611143	0.639467	0.540872	0.510761	UP	384.5563	384.5556
6804	M514T21	1.430062	0.516078	0.639413	0.540898	0.51077	UP	514.3593	514.3586
6805	M719T7	1.83993	0.879651	0.654327	0.541259	0.510896	UP	718.521	718.5199
6806	M407T10_	1.585312	0.664767	0.641831	0.541687	0.511046	UP	406.8392	406.8325
6807	M665T22	1.880392	-0.91103	-0.65794	0.541933	0.511132	DOWN	665.2929	665.2924
6808	M398T37	1.294244	-0.37211	-0.64992	0.541974	0.511146	DOWN	398.1655	398.1655
6809	M209T9	1.433063	-0.5191	-0.63784	0.542037	0.511168	DOWN	209.1648	209.1644
6810	M519T43_	1.168012	0.224055	0.636454	0.542264	0.511247	UP	519.1386	519.1377
6811	M505T29_	1.44536	-0.53143	-0.64092	0.542279	0.511253	DOWN	505.3136	505.3133
6812	M242T23_	1.567004	-0.64801	-0.65262	0.542287	0.511255	DOWN	242.053	242.0524
6813	M631T17	1.81577	0.860582	0.636626	0.542288	0.511256	UP	630.7646	630.764
6814	M725T31_	1.640997	0.714573	0.654054	0.542337	0.511273	UP	724.5921	724.5915

6815	M305T33_	1.678418	-0.7471	-0.65454	0.542343	0.511275	DOWN	305.2116	305.2115
6816	M615T43_	1.095307	0.131335	0.638696	0.542375	0.511286	UP	615.4413	615.4404
6817	M441T13	1.397474	0.482822	0.637512	0.542417	0.511301	UP	441.1273	441.1265
6818	M896T26	1.669712	-0.7396	-0.65515	0.542661	0.511386	DOWN	896.4142	896.4121
6819	M771T10_	1.675021	0.744179	0.636949	0.54292	0.511476	UP	771.4074	771.4047
6820	M536T34	1.309728	-0.38927	-0.64188	0.542975	0.511495	DOWN	536.3713	536.3704
6821	M286T15	1.374671	0.459086	0.635341	0.543093	0.511536	UP	286.1078	286.107
6822	M470T16_	1.434832	0.520882	0.638231	0.543598	0.511712	UP	470.3745	470.3742
6823	M314T27	1.436847	-0.52291	-0.64404	0.543657	0.511733	DOWN	314.2693	314.2691
6824	M255T19_	1.3065	-0.38571	-0.63526	0.543694	0.511746	DOWN	255.0704	255.0697
6825	M360T10_	2.011046	1.007946	0.638142	0.543747	0.511764	UP	359.8069	359.8066
6826	M457T15	1.437589	0.523651	0.634381	0.544141	0.511901	UP	457.1975	457.1973
6827	M434T23_	1.293573	-0.37136	-0.64612	0.544167	0.51191	DOWN	434.3315	434.331
6828	M314T17	1.639716	0.713446	0.634448	0.544306	0.511959	UP	313.9831	313.9827
6829	M413T14_	1.480402	0.565989	0.633065	0.544381	0.511985	UP	413.2778	413.2772
6830	M311T23_	1.745848	-0.80393	-0.65171	0.54444	0.512005	DOWN	311.158	311.1575
6831	M356T28	1.641526	0.715038	0.636295	0.544941	0.512179	UP	356.1974	356.1969
6832	M224T19	1.529056	0.612642	0.632017	0.545013	0.512204	UP	224.119	224.1188
6833	M682T41	1.308417	-0.38782	-0.64083	0.545383	0.512332	DOWN	682.364	682.3624
6834	M351T35	1.405382	0.490963	0.637396	0.54547	0.512363	UP	351.1732	351.1729
6835	M376T10_	2.516022	-1.33114	-0.65414	0.545718	0.512448	DOWN	375.9856	375.9845
6836	M504T28_	1.681978	-0.75016	-0.64637	0.54589	0.512508	DOWN	504.2994	504.299
6837	M319T19_	1.424573	0.51053	0.630975	0.54618	0.512609	UP	319.2007	319.1999
6838	M503T20_	1.949191	0.962875	0.646014	0.546215	0.512621	UP	503.2426	503.2331
6839	M485T22_	1.449757	0.535811	0.637171	0.546288	0.512646	UP	484.917	484.912
6840	M244T26	1.370937	0.455162	0.632802	0.54652	0.512726	UP	244.2637	244.2632
6841	M370T14_	1.354374	0.437627	0.629396	0.546639	0.512767	UP	370.2591	370.2588
6842	M396T18_	1.533355	-0.61669	-0.63682	0.546668	0.512777	DOWN	395.9899	395.9886
6843	M365T40_	1.356944	0.440361	0.630996	0.546744	0.512804	UP	365.3093	365.3091
6844	M531T32	1.641703	0.715193	0.646789	0.546845	0.512838	UP	530.9934	530.9929
6845	M506T11	1.642307	0.715724	0.629739	0.546954	0.512876	UP	506.1692	506.168
6846	M556T39	1.231692	0.300642	0.629577	0.547163	0.512948	UP	556.4486	556.4482
6847	M387T27	1.484897	0.570363	0.628587	0.547652	0.513117	UP	387.1257	387.1253
6848	M623T11_	1.481826	0.567376	0.635362	0.547728	0.513143	UP	622.8974	622.8959
6849	M331T14	1.687331	0.754743	0.629709	0.548236	0.513318	UP	330.9566	330.9564
6850	M350T19_	2.018418	1.013225	0.629743	0.548321	0.513347	UP	350.1054	350.1045
6851	M476T20_	1.199403	0.262316	0.627951	0.548374	0.513365	UP	476.3373	476.3372
6852	M350T15	1.373517	0.457874	0.626599	0.548395	0.513373	UP	350.2329	350.2322
6853	M833T9	1.805986	0.852787	0.639678	0.548434	0.513386	UP	833.4747	833.474
6854	M1008T28	1.424386	0.51034	0.627478	0.54845	0.513392	UP	1007.772	1007.77
6855	M438T35	1.346229	0.428924	0.626482	0.548458	0.513395	UP	437.7395	437.7389
6856	M224T16_	1.532333	0.61573	0.629162	0.548471	0.513399	UP	224.2188	224.2188
6857	M300T36	1.263019	-0.33688	-0.62922	0.548504	0.51341	DOWN	300.2899	300.2895
6858	M410T19_	1.330149	0.411588	0.627132	0.548951	0.513564	UP	410.3379	410.337
6859	M287T22_	1.232481	-0.30157	-0.62597	0.549269	0.513673	DOWN	287.1111	287.1106
6860	M730T31	1.684437	0.752267	0.627339	0.549506	0.513755	UP	730.1385	730.138
6861	M703T35_	1.374994	0.459425	0.626445	0.54959	0.513783	UP	702.537	702.5361

6862	M407T10_	1.518213	0.602374	0.629449	0.54966	0.513807	UP	407.2906	407.2895
6863	M505T11_	2.004623	1.003331	0.62615	0.549938	0.513903	UP	504.9549	504.9535
6864	M363T38	1.324281	0.405209	0.641445	0.550166	0.513981	UP	363.1934	363.1928
6865	M735T22	1.611833	0.688702	0.629095	0.550183	0.513987	UP	734.9809	734.9807
6866	M322T17_	1.471627	0.557412	0.633877	0.550381	0.514055	UP	322.0249	322.0248
6867	M645T25	1.393556	0.478771	0.627098	0.550474	0.514087	UP	645.4768	645.4754
6868	M436T44	1.09134	0.1261	0.62399	0.550662	0.514151	UP	436.2542	436.2534
6869	M402T30_	1.388771	0.473809	0.62928	0.550916	0.514238	UP	402.2578	402.2576
6870	M559T21_	1.65065	0.723034	0.625113	0.550943	0.514247	UP	559.3889	559.3883
6871	M371T33	1.319573	-0.40007	-0.63349	0.551151	0.514318	DOWN	371.2987	371.2984
6872	M749T29	1.440543	0.526613	0.622346	0.551269	0.514359	UP	748.5425	748.5414
6873	M316T26_	1.670234	-0.74005	-0.63958	0.5515	0.514438	DOWN	316.2274	316.2268
6874	M442T35_	1.341892	0.424268	0.623137	0.551549	0.514455	UP	442.4163	442.4157
6875	M455T10_	1.466488	0.552365	0.622647	0.551567	0.514461	UP	454.8479	454.8462
6876	M386T23_	1.557909	-0.63961	-0.63103	0.551596	0.514471	DOWN	386.3719	386.3675
6877	M214T16	1.342278	0.424683	0.634231	0.551736	0.514518	UP	214.0898	214.0894
6878	M239T26	1.246425	0.317796	0.621276	0.551761	0.514527	UP	239.1838	239.1831
6879	M747T32	1.414157	0.499943	0.621982	0.551863	0.514562	UP	746.5271	746.5255
6880	M235T19	1.422404	0.508332	0.621996	0.551992	0.514606	UP	235.1265	235.1259
6881	M571T29_	1.561991	-0.64339	-0.63109	0.552051	0.514626	DOWN	571.4976	571.497
6882	M271T11_	1.527003	0.610703	0.630228	0.552078	0.514635	UP	271.1137	271.1135
6883	M360T29_	1.706168	-0.77076	-0.63272	0.552275	0.514702	DOWN	360.1808	360.1803
6884	M892T28	1.598302	-0.67654	-0.63434	0.553149	0.515	DOWN	892.419	892.4188
6885	M553T19	1.624819	0.700279	0.618943	0.553178	0.51501	UP	553.0029	553.002
6886	M564T23_	1.433612	0.519654	0.625616	0.553255	0.515037	UP	564.3807	564.3805
6887	M591T11_	1.503289	0.588122	0.621026	0.553265	0.51504	UP	591.3002	591.299
6888	M515T27	1.503707	0.588524	0.619064	0.553281	0.515045	UP	515.045	515.0448
6889	M335T9_2	1.373144	-0.45748	-0.61908	0.553518	0.515126	DOWN	335.2445	335.2435
6890	M302T24	1.520455	-0.6045	-0.6359	0.553699	0.515188	DOWN	302.2693	302.2691
6891	M163T29_	1.323993	0.404896	0.618111	0.5537	0.515188	UP	163.0753	163.0751
6892	M315T20	1.574419	0.654819	0.618444	0.553807	0.515224	UP	315.1098	315.1097
6893	M493T23	1.353506	-0.4367	-0.62198	0.553817	0.515228	DOWN	493.261	493.2604
6894	M270T17	1.612406	-0.68922	-0.63379	0.553884	0.51525	DOWN	270.1508	270.1504
6895	M421T32	1.337405	0.419436	0.618424	0.55391	0.515259	UP	421.3161	421.3157
6896	M559T21_	1.577254	0.657415	0.617716	0.553943	0.51527	UP	559.0913	559.0907
6897	M345T16_	1.681608	0.749842	0.619672	0.55405	0.515307	UP	344.9723	344.9721
6898	M291T2	1.391181	0.47631	0.634472	0.554086	0.515319	UP	290.8891	290.8889
6899	M572T31_	1.419366	-0.50525	-0.62786	0.55422	0.515364	DOWN	572.3348	572.3342
6900	M429T18	1.449294	0.53535	0.61922	0.554508	0.515462	UP	429.0259	429.0253
6901	M466T17	1.75455	0.811101	0.616569	0.554696	0.515526	UP	466.0249	466.0247
6902	M682T43	1.183905	0.243553	0.618713	0.554829	0.515571	UP	681.9832	681.9819
6903	M910T29_	1.712626	-0.77621	-0.63232	0.554949	0.515612	DOWN	910.4295	910.4289
6904	M493T9	1.372449	-0.45675	-0.62306	0.555007	0.515631	DOWN	493.2966	493.2955
6905	M458T11	1.584764	0.664268	0.616811	0.555023	0.515637	UP	458.1634	458.1629
6906	M217T16	1.537874	0.620937	0.616018	0.555028	0.515639	UP	217.0524	217.0521
6907	M478T24_	1.464024	0.54994	0.62323	0.55543	0.515775	UP	478.1892	478.1885
6908	M274T19_	1.431442	0.51747	0.615342	0.555608	0.515835	UP	274.2532	274.2529

6909	M315T21	1.564346	0.64556	0.615014	0.555703	0.515867	UP	315.1098	315.1094
6910	M388T18	1.457008	0.543009	0.616283	0.555873	0.515925	UP	387.9993	387.9988
6911	M342T25_	1.620774	-0.69668	-0.62775	0.555875	0.515926	DOWN	342.2431	342.2425
6912	M584T13	1.693843	0.7603	0.618199	0.555891	0.515931	UP	584.077	584.0769
6913	M376T35	1.489631	0.574955	0.634534	0.555911	0.515938	UP	376.3134	376.3128
6914	M426T10	1.468422	0.554267	0.614656	0.555942	0.515948	UP	425.7848	425.7838
6915	M363T13	1.393533	-0.47875	-0.6221	0.55598	0.515961	DOWN	363.1875	363.1873
6916	M314T28	1.633887	-0.70831	-0.62939	0.556323	0.516077	DOWN	314.2384	314.2381
6917	M395T34_	1.429197	0.515205	0.613975	0.556348	0.516085	UP	395.0999	395.0995
6918	M349T10_	1.56776	-0.6487	-0.6241	0.556438	0.516116	DOWN	349.1936	349.1931
6919	M393T19_	1.492813	-0.57803	-0.61661	0.556778	0.516231	DOWN	393.2385	393.2298
6920	M394T32	1.399344	0.484751	0.613721	0.556787	0.516234	UP	394.3165	394.3159
6921	M213T11_	1.708874	0.773046	0.612684	0.557148	0.516356	UP	213.0403	213.04
6922	M377T35_	1.540917	0.623789	0.633107	0.557311	0.516411	UP	376.8152	376.8145
6923	M288T22_	1.716395	0.779382	0.630943	0.557331	0.516417	UP	288.2537	288.253
6924	M410T10_	1.510424	-0.59495	-0.62567	0.557342	0.516421	DOWN	410.2345	410.2336
6925	M397T30_	1.345975	0.428652	0.611862	0.557639	0.516521	UP	396.9452	396.9447
6926	M335T21_	1.352482	0.435609	0.611637	0.557755	0.51656	UP	335.2416	335.2405
6927	M597T9	1.344715	-0.4273	-0.6251	0.557772	0.516566	DOWN	597.47	597.4689
6928	M582T29_	1.407177	0.492804	0.615007	0.557957	0.516628	UP	582.2492	582.2482
6929	M413T17	1.704711	0.769527	0.612618	0.558013	0.516647	UP	412.9044	412.9043
6930	M459T17	1.720435	0.782774	0.612426	0.558213	0.516714	UP	458.91	458.9092
6931	M276T22	1.322839	-0.40364	-0.61158	0.558391	0.516774	DOWN	276.2173	276.2169
6932	M457T31	1.345761	0.428423	0.630759	0.558568	0.516834	UP	457.0981	457.0979
6933	M493T19	1.559714	0.641282	0.610567	0.55866	0.516865	UP	493.2362	493.2354
6934	M549T32	1.634064	0.708464	0.613609	0.558847	0.516928	UP	549.3154	549.3146
6935	M513T18	1.441396	0.527466	0.610127	0.559135	0.517025	UP	513.1665	513.165
6936	M324T18	1.440089	0.526158	0.611198	0.559191	0.517043	UP	324.2749	324.274
6937	M537T34	1.307175	-0.38645	-0.62048	0.559225	0.517055	DOWN	537.3742	537.3738
6938	M469T18	1.628565	-0.7036	-0.62421	0.559357	0.517099	DOWN	469.2554	469.2549
6939	M314T39	1.363183	-0.44698	-0.62411	0.559602	0.517181	DOWN	314.3052	314.3049
6940	M297T14	1.42418	0.510132	0.612112	0.559636	0.517193	UP	297.1851	297.1849
6941	M461T11	1.599422	0.67755	0.608889	0.559802	0.517248	UP	461.1472	461.1451
6942	M391T23	1.515918	0.600192	0.608851	0.559817	0.517253	UP	391.1011	391.1007
6943	M335T19_	1.570657	-0.65137	-0.61453	0.560134	0.51736	DOWN	335.112	335.1117
6944	M633T27	1.505351	0.5901	0.607508	0.560456	0.517467	UP	632.9813	632.9808
6945	M676T10_	1.465551	0.551443	0.60597	0.561699	0.517883	UP	676.4851	676.4834
6946	M517T22_	1.753473	0.810215	0.610887	0.562032	0.517994	UP	517.137	517.1367
6947	M524T29	1.439111	-0.52518	-0.62203	0.562086	0.518012	DOWN	523.8022	523.8015
6948	M578T9	1.618839	0.694959	0.610377	0.562114	0.518022	UP	578.377	578.3762
6949	M466T43	1.096533	0.13295	0.607988	0.562674	0.518208	UP	465.6724	465.6717
6950	M851T34	1.458724	0.544707	0.603977	0.562939	0.518297	UP	850.6017	850.6008
6951	M151T12	1.554965	-0.63688	-0.61071	0.563148	0.518366	DOWN	151.0325	151.0324
6952	M683T41	1.412409	-0.49816	-0.61094	0.563327	0.518426	DOWN	683.3673	683.3658
6953	M166T15	1.354291	0.437538	0.604544	0.563328	0.518426	UP	166.0864	166.0859
6954	M545T11_	1.645223	0.718283	0.603094	0.563558	0.518502	UP	545.1531	545.1528
6955	M450T11_	1.794602	0.843664	0.602814	0.563597	0.518515	UP	450.1992	450.1987

6956	M850T34	1.426305	0.512282	0.603466	0.563744	0.518564	UP	849.5987	849.5969
6957	M476T20_	1.594625	0.673218	0.601838	0.563989	0.518646	UP	476.1735	476.1729
6958	M303T11	1.439768	0.525836	0.60468	0.564075	0.518674	UP	303.1962	303.195
6959	M352T17_	1.67017	0.739995	0.601992	0.564137	0.518695	UP	352.011	352.0106
6960	M433T15_	1.435149	0.521201	0.602564	0.564289	0.518745	UP	433.2052	433.2043
6961	M521T9	1.425428	-0.5114	-0.60609	0.564295	0.518747	DOWN	521.3358	521.33
6962	M212T10_	2.427771	-1.27963	-0.62324	0.564296	0.518748	DOWN	212.2964	212.2964
6963	M407T17	1.716748	0.779679	0.601217	0.564341	0.518762	UP	407.1055	407.1051
6964	M603T9	1.598472	-0.67669	-0.60182	0.564461	0.518802	DOWN	603.341	603.3407
6965	M492T9_1	1.356967	-0.44039	-0.60634	0.564628	0.518858	DOWN	492.3024	492.3012
6966	M313T26_	1.431393	-0.51742	-0.61136	0.564662	0.518869	DOWN	313.2852	313.2846
6967	M724T31_	1.603492	0.681217	0.616243	0.564687	0.518877	UP	723.5887	723.5878
6968	M729T21	1.675775	-0.74483	-0.61544	0.564801	0.518915	DOWN	729.3665	729.3658
6969	M286T16_	1.493487	0.578685	0.600164	0.565233	0.519058	UP	286.2573	286.2572
6970	M483T20_	1.545462	0.628038	0.600043	0.565271	0.519071	UP	483.1443	483.1438
6971	M347T33	1.698849	-0.76456	-0.61635	0.565329	0.51909	DOWN	347.2793	347.2789
6972	M512T19	1.612904	0.689661	0.599178	0.56566	0.5192	UP	511.9763	511.9761
6973	M281T30_	1.622884	-0.69856	-0.61452	0.56578	0.519239	DOWN	280.518	280.5175
6974	M335T19_	1.478645	0.564275	0.599147	0.565796	0.519245	UP	335.2777	335.2774
6975	M652T44	1.14133	0.190716	0.599642	0.565827	0.519255	UP	652.5	652.4987
6976	M1035T31	1.452482	0.53852	0.623346	0.565837	0.519258	UP	1034.799	1034.797
6977	M422T30	1.459302	-0.54528	-0.60017	0.5659	0.519279	DOWN	422.2356	422.2354
6978	M301T33	1.408094	0.493744	0.599202	0.566004	0.519313	UP	301.2163	301.2159
6979	M413T22_	1.626436	-0.70171	-0.61116	0.566015	0.519317	DOWN	413.2188	413.2184
6980	M314T23_	1.486313	0.571738	0.603333	0.566108	0.519348	UP	313.983	313.9829
6981	M421T40	1.167411	0.223312	0.598525	0.566134	0.519356	UP	421.3353	421.3347
6982	M415T23_	1.575352	-0.65567	-0.59908	0.566311	0.519415	DOWN	415.174	415.1698
6983	M340T18_	1.406092	0.491691	0.598134	0.566337	0.519424	UP	339.9399	339.9396
6984	M666T41	1.237919	0.307917	0.600743	0.566364	0.519432	UP	665.5002	665.5
6985	M354T23_	1.579134	-0.65913	-0.61435	0.566413	0.519449	DOWN	354.2639	354.2634
6986	M624T22_	1.797322	-0.84585	-0.61441	0.566832	0.519587	DOWN	624.2661	624.2648
6987	M392T29	1.343441	0.425933	0.621277	0.56688	0.519603	UP	392.27	392.2696
6988	M490T21	1.640824	0.71442	0.599765	0.566967	0.519631	UP	490.1716	490.1714
6989	M409T37	1.262237	0.335983	0.599946	0.567711	0.519877	UP	409.3357	409.3355
6990	M245T19	1.507255	0.591924	0.595422	0.568031	0.519982	UP	244.6323	244.6323
6991	M373T9_2	1.394888	-0.48015	-0.59599	0.568104	0.520006	DOWN	373.2336	373.2326
6992	M556T27_	1.552795	0.634867	0.613287	0.568224	0.520046	UP	556.2905	556.2893
6993	M1007T28	1.386146	0.47108	0.595173	0.56825	0.520054	UP	1006.768	1006.766
6994	M279T27_	1.477669	-0.56332	-0.61066	0.568311	0.520074	DOWN	279.1018	279.1012
6995	M348T13	1.321284	0.401941	0.596729	0.568684	0.520197	UP	348.2254	348.2248
6996	M402T30_	1.343142	0.425611	0.594334	0.568724	0.52021	UP	401.5758	401.5753
6997	M510T43_	1.211575	0.276884	0.605747	0.568768	0.520225	UP	510.4364	510.4358
6998	M650T43_	1.095865	-0.13207	-0.60991	0.569123	0.520341	DOWN	650.2521	650.2515
6999	M261T23	1.415763	-0.50158	-0.59324	0.570016	0.520634	DOWN	261.1767	261.1696
7000	M779T11	1.563428	0.644713	0.596694	0.570257	0.520713	UP	779.3494	779.347
7001	M371T10_	1.37887	0.463487	0.591537	0.5705	0.520793	UP	371.2458	371.2446
7002	M361T25	1.547296	-0.62975	-0.6058	0.57058	0.520819	DOWN	361.0709	361.0706

7003	M402T18_	1.908581	0.9325	0.603486	0.571343	0.521068	UP	402.2071	402.2066
7004	M221T10	1.670067	0.739906	0.590765	0.571356	0.521073	UP	221.0879	221.0874
7005	M517T29	1.43187	-0.5179	-0.59946	0.571468	0.521109	DOWN	516.9124	516.9115
7006	M659T32	1.403942	0.489483	0.590814	0.571484	0.521114	UP	659.4779	659.4765
7007	M200T10_	1.680039	0.748495	0.591683	0.571609	0.521155	UP	200.2444	200.244
7008	M554T43	1.172433	0.229506	0.589841	0.57165	0.521168	UP	554.1759	554.1748
7009	M280T29	1.496153	-0.58126	-0.5951	0.571786	0.521213	DOWN	279.6471	279.6467
7010	M898T41	1.376171	-0.46066	-0.59393	0.572001	0.521283	DOWN	898.4643	898.4629
7011	M499T11_	1.509979	0.594528	0.601929	0.572143	0.521329	UP	499.1903	499.1897
7012	M284T35	1.423205	-0.50914	-0.59869	0.572156	0.521334	DOWN	284.2585	284.2582
7013	M596T27_	1.373647	-0.45801	-0.59779	0.572524	0.521454	DOWN	596.2497	596.2489
7014	M377T20_	1.418286	0.504148	0.591343	0.57255	0.521462	UP	377.2631	377.2621
7015	M328T30	1.363919	0.447758	0.588073	0.572712	0.521515	UP	328.2485	328.2482
7016	M552T16	1.2999	0.378401	0.588861	0.572924	0.521584	UP	552.2658	552.265
7017	M426T18	1.499542	0.584522	0.589019	0.572992	0.521606	UP	426.0286	426.0281
7018	M703T32	1.393772	0.478995	0.588488	0.573048	0.521624	UP	702.5009	702.4991
7019	M411T32_	1.526471	0.6102	0.605012	0.573136	0.521653	UP	411.0934	411.0931
7020	M287T15	1.364656	0.448538	0.587825	0.573209	0.521677	UP	287.1111	287.1103
7021	M646T25_	1.369075	0.453202	0.592806	0.573238	0.521686	UP	645.9784	645.9771
7022	M417T25_	1.620329	0.696287	0.587906	0.573409	0.521742	UP	417.3114	417.3106
7023	M381T15_	1.604689	0.682294	0.587639	0.573468	0.521761	UP	381.0536	381.0533
7024	M521T27_	1.677071	-0.74594	-0.60017	0.573568	0.521793	DOWN	521.2839	521.2835
7025	M453T24_	1.431371	0.517397	0.592329	0.57364	0.521817	UP	453.1839	453.183
7026	M361T27_	1.715397	-0.77854	-0.6028	0.573773	0.52186	DOWN	361.071	361.0704
7027	M511T33_	1.545402	0.627982	0.597309	0.573779	0.521862	UP	511.434	511.4334
7028	M324T13_	1.748756	0.806329	0.586929	0.573951	0.521918	UP	324.0356	324.0355
7029	M660T32_	1.409318	0.494997	0.587347	0.573978	0.521926	UP	660.4808	660.4799
7030	M555T22	1.628157	-0.70324	-0.60282	0.574024	0.521942	DOWN	555.1667	555.1651
7031	M461T23_	1.413967	0.499748	0.586687	0.574185	0.521994	UP	461.2801	461.2791
7032	M491T21	1.655818	0.727544	0.590106	0.5742	0.521998	UP	491.1749	491.1748
7033	M334T30	1.178946	0.237498	0.585866	0.574247	0.522014	UP	334.2461	334.2457
7034	M482T7	1.934871	0.952237	0.589832	0.574433	0.522074	UP	482.2653	482.2643
7035	M508T33	1.442321	-0.52839	-0.59223	0.574525	0.522104	DOWN	508.3761	508.3754
7036	M550T32_	1.603123	0.680885	0.587986	0.574612	0.522132	UP	549.817	549.816
7037	M367T13	1.412728	0.498484	0.585392	0.574878	0.522218	UP	367.2959	367.2956
7038	M241T16	1.511478	0.59596	0.585474	0.57489	0.522222	UP	241.0716	241.0712
7039	M409T14	1.806297	0.853035	0.584645	0.574904	0.522227	UP	408.9704	408.9701
7040	M233T22	1.365266	0.449182	0.586813	0.574959	0.522245	UP	233.0473	233.0472
7041	M388T42_	1.086606	0.119829	0.584406	0.575053	0.522275	UP	388.3938	388.393
7042	M290T9	1.478232	-0.56387	-0.58642	0.575159	0.522309	DOWN	290.1889	290.1886
7043	M843T29	1.780846	-0.83256	-0.59045	0.575295	0.522354	DOWN	842.9672	842.9661
7044	M473T23_	1.600852	-0.67884	-0.60211	0.575336	0.522367	DOWN	473.0191	473.0183
7045	M424T10_	1.544166	0.626828	0.584284	0.575532	0.52243	UP	424.2497	424.2486
7046	M532T42	1.205032	0.269071	0.593485	0.575656	0.522471	UP	532.3271	532.3253
7047	M696T9_1	1.341525	0.423873	0.585407	0.575682	0.522479	UP	695.5076	695.506
7048	M483T29	1.371491	-0.45575	-0.59199	0.575697	0.522484	DOWN	483.3275	483.3267
7049	M355T17	1.577079	0.657255	0.584863	0.575858	0.522536	UP	355.0098	355.0096

7050	M402T21	1.258141	-0.33129	-0.58998	0.575993	0.52258	DOWN	402.3414	402.341
7051	M571T32	1.39664	0.48196	0.583439	0.576428	0.52272	UP	571.425	571.4236
7052	M626T43_	1.153663	-0.20622	-0.58521	0.576494	0.522742	DOWN	625.9303	625.9299
7053	M332T27_	1.487549	-0.57294	-0.59443	0.576693	0.522806	DOWN	332.2223	332.2217
7054	M467T16	1.556282	0.638104	0.582786	0.577265	0.52299	UP	467.1631	467.1623
7055	M624T32_	1.355688	0.439025	0.581766	0.577321	0.523008	UP	624.281	624.2802
7056	M299T26_	1.574024	-0.65446	-0.59632	0.577381	0.523027	DOWN	299.2008	299.2002
7057	M434T34	1.458796	0.544778	0.5815	0.577436	0.523045	UP	433.8151	433.8147
7058	M278T30_	1.578718	-0.65875	-0.59554	0.577476	0.523058	DOWN	277.8103	277.81
7059	M518T23	1.47679	0.562465	0.580975	0.577637	0.52311	UP	518.1401	518.1397
7060	M487T9	1.729397	0.790269	0.592304	0.577795	0.523161	UP	486.8072	486.7992
7061	M428T22	1.626756	-0.702	-0.58682	0.577909	0.523198	DOWN	428.1108	428.1103
7062	M541T28	1.603314	-0.68106	-0.59124	0.57798	0.52322	DOWN	541.4294	541.429
7063	M240T18_	1.447912	0.533973	0.581196	0.57816	0.523279	UP	240.0685	240.0679
7064	M344T34	1.170356	-0.22695	-0.58331	0.578194	0.523289	DOWN	344.3161	344.3154
7065	M626T43_	1.219189	0.285921	0.579608	0.578289	0.52332	UP	626.4841	626.4836
7066	M537T43_	1.253141	0.325549	0.579339	0.578318	0.523329	UP	537.1487	537.1474
7067	M301T22_	1.524458	-0.6083	-0.59186	0.578492	0.523385	DOWN	301.1043	301.104
7068	M336T27	1.465515	-0.55141	-0.58919	0.578553	0.523405	DOWN	336.1056	336.1047
7069	M573T33_	1.465123	-0.55102	-0.58765	0.578598	0.523419	DOWN	573.3749	573.3737
7070	M464T16	1.65996	0.731148	0.583336	0.578703	0.523453	UP	464.0129	464.0127
7071	M401T30_	1.408835	0.494502	0.579825	0.578737	0.523464	UP	401.1086	401.1079
7072	M495T17_	1.668468	0.738524	0.579305	0.579214	0.523617	UP	494.9576	494.9575
7073	M776T37	1.390396	0.475495	0.57826	0.579269	0.523635	UP	775.5617	775.5613
7074	M548T29_	1.505307	0.590058	0.577612	0.579478	0.523702	UP	547.8011	547.8008
7075	M303T24_	1.328927	0.410262	0.580885	0.579559	0.523728	UP	303.232	303.2319
7076	M468T30	1.230325	-0.29904	-0.57781	0.579597	0.52374	DOWN	468.3447	468.344
7077	M458T23	1.446232	0.532299	0.577318	0.579643	0.523755	UP	458.3672	458.3669
7078	M312T34	1.326616	0.407751	0.577222	0.579671	0.523764	UP	312.29	312.2897
7079	M547T32	1.330551	0.412024	0.579466	0.579721	0.52378	UP	546.8758	546.8756
7080	M297T23_	1.407979	-0.49363	-0.58892	0.579793	0.523803	DOWN	297.073	297.0727
7081	M387T16	1.63419	0.708576	0.579321	0.5798	0.523805	UP	387.0026	387.0024
7082	M239T18_	1.510915	0.595422	0.576898	0.5799	0.523837	UP	238.9926	238.9923
7083	M311T17_	1.587634	0.666878	0.578132	0.579942	0.523851	UP	310.9845	310.984
7084	M584T28	1.989975	0.99275	0.590925	0.580071	0.523892	UP	584.2211	584.2209
7085	M497T27_	1.490467	-0.57576	-0.58512	0.58016	0.52392	DOWN	496.885	496.8841
7086	M705T29	1.394483	0.47973	0.577273	0.580193	0.523931	UP	704.5163	704.515
7087	M434T23_	1.482308	0.567845	0.579068	0.580402	0.523998	UP	434.0041	434.0036
7088	M527T29	1.441994	-0.52807	-0.58788	0.580408	0.524	DOWN	527.2961	527.2961
7089	M593T44_	1.09632	0.132669	0.583287	0.580496	0.524028	UP	593.4282	593.4272
7090	M480T28	1.445675	-0.53174	-0.58834	0.580577	0.524054	DOWN	480.3448	480.3441
7091	M289T38	1.404189	0.489737	0.575782	0.580797	0.524124	UP	289.2739	289.2735
7092	M430T30_	1.12335	0.167808	0.576308	0.58083	0.524135	UP	429.8024	429.8017
7093	M278T26_	1.287122	0.364148	0.57575	0.580835	0.524137	UP	278.1834	278.1828
7094	M257T18	1.933886	0.951503	0.587648	0.580871	0.524148	UP	257.0711	257.0705
7095	M472T35_	1.601857	0.679746	0.579067	0.580889	0.524154	UP	472.1079	472.1078
7096	M393T20_	1.656086	-0.72778	-0.58628	0.581238	0.524265	DOWN	393.1404	393.1403

7097	M432T10	1.281258	0.357561	0.576091	0.581275	0.524277	UP	432.2457	432.2371
7098	M241T23	1.512369	-0.59681	-0.59008	0.58144	0.52433	DOWN	241.0497	241.0492
7099	M428T11_	1.885541	0.914979	0.575369	0.581472	0.52434	UP	428.0462	428.0456
7100	M437T9_1	1.538108	-0.62116	-0.5762	0.581697	0.524412	DOWN	437.2357	437.2353
7101	M350T28	1.542722	0.625478	0.574684	0.581703	0.524414	UP	350.1417	350.1413
7102	M211T25_	1.732832	0.793132	0.580655	0.581712	0.524417	UP	211.1118	211.1114
7103	M815T37	1.261288	0.334898	0.575367	0.581733	0.524423	UP	814.5533	814.5528
7104	M533T18_	1.672821	-0.74228	-0.58016	0.581973	0.5245	DOWN	533.1295	533.1289
7105	M394T20_	1.385819	0.470739	0.575669	0.582196	0.524571	UP	394.2897	394.2894
7106	M322T17_	1.41354	0.499312	0.581398	0.582239	0.524585	UP	321.9767	321.9765
7107	M356T30	1.092927	0.128197	0.573017	0.582644	0.524714	UP	356.2796	356.2791
7108	M395T44_	1.265395	0.339588	0.594715	0.582746	0.524746	UP	395.2204	395.2197
7109	M454T9_9	2.240899	1.164078	0.591608	0.582902	0.524796	UP	454.4263	454.4228
7110	M377T19	1.302093	0.380832	0.575532	0.582933	0.524806	UP	377.308	377.3074
7111	M447T31	1.327158	0.40834	0.57237	0.583041	0.52484	UP	447.0713	447.0707
7112	M467T9_1	1.358991	0.442536	0.580331	0.583193	0.524889	UP	467.3229	467.321
7113	M526T7	1.875983	0.907647	0.577126	0.583419	0.524961	UP	526.2913	526.2908
7114	M303T28_	1.464852	0.550755	0.573036	0.583438	0.524967	UP	303.1256	303.1253
7115	M310T31_	1.217971	0.284479	0.571421	0.58351	0.524989	UP	310.2013	310.2008
7116	M1111T11	1.524978	0.608789	0.571582	0.583515	0.524991	UP	1110.624	1110.62
7117	M540T28_	1.58621	-0.66558	-0.58214	0.583539	0.524999	DOWN	540.4261	540.4255
7118	M417T22_	1.315287	0.395378	0.581285	0.583639	0.525031	UP	417.0175	417.0157
7119	M469T16	1.478224	0.563865	0.571711	0.583685	0.525045	UP	469.1634	469.1629
7120	M313T23_	2.308614	1.207027	0.588197	0.583694	0.525048	UP	313.263	313.2598
7121	M443T35_	1.324235	0.405159	0.570976	0.583705	0.525051	UP	443.1043	443.1037
7122	M704T32	1.388388	0.473411	0.571989	0.583707	0.525052	UP	703.5043	703.5029
7123	M937T18	1.523678	0.607558	0.570776	0.583839	0.525094	UP	936.9736	936.9736
7124	M377T35_	1.536734	0.619867	0.588536	0.584014	0.52515	UP	377.3167	377.3159
7125	M462T9_1	1.395648	0.480935	0.570781	0.584098	0.525176	UP	461.8568	461.8553
7126	M334T23	1.478794	-0.56442	-0.58099	0.584327	0.525249	DOWN	334.2339	334.2333
7127	M585T35	1.377114	0.461648	0.571284	0.58459	0.525333	UP	585.4404	585.4395
7128	M587T7	2.32743	1.218738	0.579495	0.584697	0.525366	UP	587.3393	587.3387
7129	M589T26_	1.631732	0.706404	0.576232	0.584749	0.525383	UP	589.0856	589.085
7130	M226T16_	1.354954	0.438244	0.570225	0.584895	0.525429	UP	226.1997	226.1992
7131	M619T18	1.657654	0.729143	0.57025	0.585009	0.525465	UP	619.2064	619.2062
7132	M612T41	1.345366	0.427998	0.56912	0.58513	0.525504	UP	612.4685	612.4678
7133	M327T13_	1.300109	0.378632	0.569087	0.585159	0.525513	UP	327.2647	327.264
7134	M973T41_	2.037527	-1.02682	-0.57386	0.585461	0.525608	DOWN	973.486	973.484
7135	M385T23_	1.614684	0.691252	0.584098	0.585481	0.525615	UP	385.3614	385.3552
7136	M273T23	1.356388	-0.43977	-0.57583	0.585737	0.525696	DOWN	273.2212	273.2212
7137	M569T18	1.638312	-0.71221	-0.57958	0.585801	0.525716	DOWN	569.0122	569.0113
7138	M615T32	1.398421	0.483798	0.568403	0.58598	0.525773	UP	615.4515	615.45
7139	M652T9_2	1.539427	0.622394	0.578479	0.586114	0.525815	UP	652.4121	652.4102
7140	M269T28_	1.387472	0.472459	0.567828	0.586144	0.525824	UP	269.0859	269.0854
7141	M476T9_3	1.823667	0.866842	0.579474	0.586156	0.525828	UP	476.2567	476.247
7142	M418T29	1.418075	-0.50393	-0.57932	0.586258	0.525861	DOWN	418.3316	418.3312
7143	M520T32_	1.617917	-0.69414	-0.57663	0.586292	0.525871	DOWN	519.9014	519.9005

7144	M384T16_	1.593756	0.672431	0.568964	0.586447	0.52592	UP	384.1837	384.1829
7145	M284T44	1.110817	0.151621	0.566381	0.586668	0.52599	UP	284.2948	284.2943
7146	M346T11_	1.372501	0.456808	0.567938	0.58669	0.525997	UP	346.1753	346.1752
7147	M460T23_	1.491931	0.577181	0.566372	0.58684	0.526045	UP	460.0483	460.048
7148	M274T30_	1.283143	0.359682	0.570023	0.586883	0.526058	UP	274.1886	274.1878
7149	M509T33	1.444677	-0.53075	-0.5709	0.586898	0.526063	DOWN	509.3796	509.3785
7150	M510T21	1.517854	0.602033	0.571354	0.586898	0.526063	UP	510.4006	510.3996
7151	M299T30_	1.357579	0.441036	0.565706	0.587147	0.526141	UP	299.162	299.1615
7152	M580T31	1.380893	-0.4656	-0.57359	0.58732	0.526196	DOWN	580.295	580.2913
7153	M476T24_	1.60744	-0.68477	-0.57701	0.587454	0.526238	DOWN	476.1341	476.1337
7154	M347T10_	1.408042	0.493691	0.56512	0.587514	0.526257	UP	347.2675	347.2663
7155	M238T18	1.48147	0.567029	0.566045	0.587516	0.526258	UP	238.0732	238.0724
7156	M455T18	1.496725	0.581809	0.564957	0.587842	0.52636	UP	455.113	455.1122
7157	M336T25	1.280232	0.356405	0.580074	0.587877	0.526371	UP	336.2255	336.2253
7158	M548T28_	1.802121	0.849696	0.576357	0.58795	0.526394	UP	548.4679	548.4672
7159	M443T33_	1.358766	-0.4423	-0.5643	0.588034	0.526421	DOWN	443.2391	443.2389
7160	M475T9	1.402461	-0.48796	-0.5691	0.588193	0.526471	DOWN	475.3248	475.3235
7161	M934T11_	1.667455	0.737648	0.566006	0.588559	0.526586	UP	934.4963	934.494
7162	M432T25_	1.391213	-0.47634	-0.57654	0.588582	0.526593	DOWN	432.2382	432.2376
7163	M492T7	1.76549	0.820069	0.563794	0.588722	0.526637	UP	492.3521	492.3516
7164	M282T31_	1.406088	0.491687	0.563218	0.588763	0.52665	UP	282.1663	282.1662
7165	M633T22_	1.476738	0.562414	0.564151	0.588785	0.526657	UP	633.0396	633.0394
7166	M629T27	1.662746	-0.73357	-0.57434	0.588858	0.52668	DOWN	629.3844	629.3841
7167	M320T31_	1.577984	0.658082	0.567992	0.588934	0.526704	UP	320.1309	320.1306
7168	M497T7	1.793681	0.842923	0.568677	0.589133	0.526766	UP	497.2359	497.2357
7169	M375T9_1	1.368885	0.453001	0.562887	0.589287	0.526815	UP	375.2168	375.2165
7170	M748T32	1.379556	0.464204	0.563461	0.589315	0.526823	UP	747.5306	747.5284
7171	M357T19_	1.483578	0.56908	0.562624	0.58945	0.526866	UP	356.9925	356.9924
7172	M791T20	1.470285	0.556095	0.564729	0.589576	0.526905	UP	790.5537	790.5521
7173	M507T11_	1.761882	0.817117	0.561658	0.589743	0.526958	UP	507.4714	507.4701
7174	M271T11_	1.510691	0.595208	0.571075	0.589789	0.526972	UP	270.6118	270.6112
7175	M173T11	1.344147	0.426691	0.561612	0.589818	0.526981	UP	173.0962	173.0957
7176	M540T21	1.502589	0.587451	0.561534	0.589824	0.526983	UP	540.0774	540.0765
7177	M715T9	1.812176	0.857723	0.575976	0.58984	0.526988	UP	715.4745	715.4742
7178	M225T16_	1.329739	0.411144	0.562304	0.589985	0.527034	UP	225.1963	225.1959
7179	M630T19	1.614966	0.691504	0.561259	0.590087	0.527066	UP	629.9121	629.912
7180	M268T28	1.410505	0.496212	0.561036	0.590276	0.527125	UP	268.0826	268.0821
7181	M251T15	1.261823	0.33551	0.562768	0.590342	0.527145	UP	251.1279	251.1275
7182	M432T9_2	1.614183	0.690804	0.571738	0.590488	0.527191	UP	432.3572	432.356
7183	M166T21	1.323023	0.403838	0.561055	0.590588	0.527222	UP	166.0407	166.0406
7184	M336T34	1.37979	0.464449	0.560061	0.59096	0.527339	UP	336.2746	336.2742
7185	M451T20_	1.570927	-0.65162	-0.57055	0.591038	0.527363	DOWN	451.2069	451.2068
7186	M719T10	1.530284	0.6138	0.559759	0.591078	0.527376	UP	719.4161	719.4155
7187	M416T20	1.282044	0.358446	0.564805	0.591115	0.527387	UP	416.2153	416.2145
7188	M295T26_	1.53724	-0.62034	-0.57571	0.59123	0.527423	DOWN	295.2271	295.2268
7189	M733T21	1.815475	0.860347	0.565343	0.591435	0.527487	UP	733.2348	733.234
7190	M312T21_	1.426738	0.51272	0.559974	0.591491	0.527505	UP	312.1263	312.1262

7191	M452T30_	1.095464	0.131541	0.566614	0.591595	0.527537	UP	451.8155	451.8152
7192	M369T32	1.260416	0.3339	0.570663	0.591766	0.527591	UP	369.2194	369.2192
7193	M548T21_	1.449278	-0.53533	-0.57025	0.591947	0.527647	DOWN	548.0718	548.0715
7194	M550T31_	1.560576	0.642079	0.560838	0.591953	0.527649	UP	550.259	550.2581
7195	M805T34	1.392602	0.477783	0.558912	0.592106	0.527697	UP	804.5691	804.5674
7196	M354T24	1.488982	-0.57433	-0.56952	0.592153	0.527712	DOWN	354.2641	354.2638
7197	M234T16_	1.245135	0.316302	0.557613	0.59238	0.527782	UP	234.1126	234.1124
7198	M879T32	1.358414	0.441923	0.558361	0.592459	0.527807	UP	878.606	878.6033
7199	M806T34	1.394116	0.479351	0.558494	0.592465	0.527809	UP	805.5725	805.5709
7200	M365T10_	1.602434	0.680265	0.559213	0.592518	0.527825	UP	365.1657	365.1654
7201	M440T29	1.353225	0.436402	0.558777	0.59258	0.527845	UP	440.3583	440.3575
7202	M548T18	1.438816	0.524882	0.557968	0.592633	0.527861	UP	548.1297	548.1292
7203	M445T30	1.080543	0.111756	0.559798	0.592664	0.527871	UP	445.3354	445.3347
7204	M300T30	1.370239	0.454428	0.558122	0.59267	0.527873	UP	300.1653	300.1649
7205	M293T17	1.26893	-0.34361	-0.56347	0.592681	0.527876	DOWN	293.1092	293.1089
7206	M341T30	1.204784	0.268775	0.570972	0.593162	0.528026	UP	341.2438	341.2432
7207	M401T18_	1.299912	0.378414	0.556821	0.5932	0.528038	UP	401.1937	401.193
7208	M487T41	1.307633	0.386957	0.559746	0.593243	0.528051	UP	487.3416	487.3403
7209	M382T24	1.697676	-0.76356	-0.57728	0.593323	0.528076	DOWN	382.2056	382.2049
7210	M248T17_	1.292546	0.370216	0.556042	0.593548	0.528146	UP	248.1688	248.1682
7211	M557T43	1.285209	0.362003	0.55626	0.593647	0.528177	UP	557.1715	557.1704
7212	M455T34_	1.43469	0.520739	0.556177	0.593667	0.528183	UP	455.3263	455.3257
7213	M889T30	1.678548	0.747214	0.556413	0.593792	0.528222	UP	889.1455	889.1449
7214	M243T10_	1.337595	0.419641	0.555289	0.594015	0.528291	UP	243.0879	243.0871
7215	M331T17_	1.425307	0.511272	0.565074	0.594045	0.5283	UP	330.9899	330.9864
7216	M315T35	1.421585	0.5075	0.554948	0.594103	0.528318	UP	315.1745	315.1738
7217	M1036T31	1.582548	0.662249	0.57479	0.594107	0.52832	UP	1035.802	1035.8
7218	M792T32	1.369257	0.453393	0.555762	0.594171	0.52834	UP	791.5571	791.5554
7219	M498T14	1.595899	0.674369	0.559343	0.594298	0.528379	UP	498.0485	498.0477
7220	M244T15	1.300117	0.378642	0.556316	0.594445	0.528425	UP	244.1909	244.1904
7221	M706T29	1.389322	0.474381	0.555109	0.594477	0.528435	UP	705.5197	705.5183
7222	M434T15	1.599782	0.677875	0.555358	0.594554	0.528459	UP	434.1347	434.1346
7223	M373T12	1.540189	0.623108	0.557358	0.594652	0.528489	UP	373.2201	373.2198
7224	M415T26_	1.45658	-0.54259	-0.56461	0.594895	0.528564	DOWN	415.3168	415.316
7225	M584T35	1.352063	0.435162	0.555366	0.59515	0.528643	UP	584.437	584.4361
7226	M692T28	1.385336	0.470236	0.558525	0.595345	0.528704	UP	692.1791	692.1771
7227	M528T29_	1.354798	0.438078	0.554338	0.595584	0.528778	UP	528.4107	528.4098
7228	M432T11_	1.619933	0.695934	0.554803	0.595681	0.528808	UP	432.2033	432.202
7229	M452T9_1	1.374963	0.459393	0.561535	0.595695	0.528812	UP	451.5486	451.5469
7230	M517T21	1.484869	0.570335	0.552491	0.595709	0.528816	UP	517.0612	517.0611
7231	M555T9	1.677101	0.74597	0.564004	0.595753	0.52883	UP	555.2682	555.2669
7232	M551T31_	1.593003	0.671749	0.553758	0.59585	0.52886	UP	550.7605	550.7601
7233	M361T37_	1.063077	0.088246	0.553624	0.595884	0.528871	UP	361.3658	361.3653
7234	M320T25_	1.443752	-0.52982	-0.56524	0.595924	0.528883	DOWN	320.2306	320.2303
7235	M512T32	1.31003	0.3896	0.552263	0.595956	0.528893	UP	512.3947	512.3936
7236	M412T22_	1.629504	-0.70443	-0.56428	0.59599	0.528903	DOWN	412.2152	412.2146
7237	M315T28	1.432488	-0.51852	-0.56354	0.59605	0.528922	DOWN	315.1359	315.1356

7238	M776T41	1.256644	-0.32958	-0.55266	0.596052	0.528923	DOWN	776.453	776.452
7239	M484T29_	1.350717	0.433725	0.553474	0.596089	0.528934	UP	484.3844	484.3836
7240	M407T9	1.583782	-0.66337	-0.56254	0.596126	0.528945	DOWN	407.2252	407.225
7241	M246T9_2	1.40368	-0.48921	-0.55185	0.596247	0.528983	DOWN	246.149	246.1483
7242	M493T18_	1.353254	0.436432	0.553013	0.596528	0.52907	UP	493.3063	493.3053
7243	M627T10	1.477502	0.56316	0.551652	0.596551	0.529077	UP	627.4495	627.449
7244	M616T29	1.364454	0.448324	0.552398	0.596644	0.529106	UP	616.4635	616.4623
7245	M877T32	1.820088	0.864008	0.551359	0.596825	0.529161	UP	877.3818	877.3814
7246	M748T34	1.145705	-0.19624	-0.5541	0.596828	0.529162	DOWN	747.5304	747.5289
7247	M933T11	1.636166	0.710319	0.553023	0.597083	0.529241	UP	933.4937	933.4921
7248	M362T31_	1.412388	0.498136	0.551988	0.597283	0.529303	UP	362.2976	362.2971
7249	M423T6	1.903678	-0.92879	-0.55225	0.597306	0.52931	DOWN	423.2467	423.2462
7250	M585T13	1.5073	-0.59197	-0.56339	0.597341	0.529321	DOWN	585.4009	585.4002
7251	M288T24	1.510144	0.594686	0.557913	0.597391	0.529336	UP	288.2535	288.253
7252	M538T21	1.518726	0.602861	0.549973	0.597405	0.52934	UP	538.082	538.0812
7253	M346T34	1.572401	0.65297	0.551938	0.597486	0.529365	UP	346.1466	346.146
7254	M340T35_	1.302594	0.381388	0.551033	0.597542	0.529383	UP	340.3212	340.3206
7255	M320T19	1.186678	-0.24693	-0.563	0.597672	0.529423	DOWN	320.2038	320.2036
7256	M352T20	1.429753	0.515766	0.550476	0.59775	0.529447	UP	351.7606	351.7604
7257	M454T10_	1.4552	0.541217	0.549855	0.597782	0.529457	UP	453.8454	453.8435
7258	M483T32_	1.375079	0.459515	0.549934	0.597945	0.529507	UP	483.3723	483.3717
7259	M519T23_	1.330053	0.411484	0.550692	0.597979	0.529517	UP	519.1324	519.1323
7260	M307T10	1.436388	0.522445	0.551387	0.598218	0.529591	UP	307.2126	307.2116
7261	M635T21_	1.478012	0.563658	0.548397	0.598414	0.529651	UP	634.9975	634.9971
7262	M392T25	1.18479	-0.24463	-0.54916	0.598467	0.529667	DOWN	392.1606	392.1606
7263	M313T30_	1.299519	0.377978	0.548856	0.598548	0.529692	UP	313.2163	313.2161
7264	M227T35	1.289086	0.366349	0.551139	0.598878	0.529794	UP	227.2007	227.2006
7265	M206T32	1.325446	0.406478	0.548504	0.599012	0.529835	UP	206.1665	206.1663
7266	M516T22	1.579946	-0.65987	-0.56249	0.599086	0.529858	DOWN	516.136	516.1357
7267	M618T27	1.220569	-0.28755	-0.54901	0.599389	0.529951	DOWN	618.349	618.3489
7268	M973T41_	1.946859	-0.96115	-0.55148	0.599402	0.529955	DOWN	972.9845	972.9824
7269	M599T21_	1.468312	0.554159	0.546728	0.59963	0.530025	UP	599.1149	599.1143
7270	M478T18	1.35698	0.440399	0.547092	0.599651	0.530031	UP	478.1868	478.1862
7271	M298T16_	1.367234	0.45126	0.546872	0.599702	0.530047	UP	298.2745	298.2738
7272	M348T10_	1.607236	0.684582	0.546998	0.599719	0.530052	UP	347.7792	347.7785
7273	M539T30	1.159872	-0.21397	-0.55761	0.599841	0.53009	DOWN	539.3655	539.3605
7274	M294T22_	1.493551	-0.57875	-0.56067	0.600062	0.530157	DOWN	294.1142	294.1134
7275	M747T20	1.414529	0.500322	0.546524	0.600302	0.530231	UP	746.5272	746.5269
7276	M183T2	1.443285	0.529356	0.558436	0.600524	0.530299	UP	182.9616	182.9614
7277	M380T32_	1.639792	-0.71351	-0.55926	0.60061	0.530325	DOWN	380.2949	380.2942
7278	M495T27_	1.397448	-0.48279	-0.55313	0.600962	0.530433	DOWN	495.3276	495.3269
7279	M343T18_	1.483842	0.569337	0.544443	0.601113	0.530479	UP	342.9772	342.9765
7280	M331T13_	1.720349	0.782701	0.544325	0.601117	0.53048	UP	330.9565	330.9564
7281	M687T30	1.486851	-0.57226	-0.55135	0.601243	0.530519	DOWN	687.2708	687.2702
7282	M316T23_	1.336374	0.418324	0.550351	0.60127	0.530527	UP	315.9483	315.948
7283	M437T22_	1.486111	0.571542	0.543928	0.601384	0.530562	UP	437.1837	437.1834
7284	M482T28_	1.291155	-0.36866	-0.54928	0.601539	0.530609	DOWN	482.3244	482.3236

7285	M331T27_	1.408924	-0.49459	-0.55316	0.601715	0.530663	DOWN	331.0993	331.0987
7286	M797T11	1.65015	0.722597	0.543597	0.601837	0.530701	UP	797.439	797.4382
7287	M347T10_	1.660002	0.731185	0.54848	0.601858	0.530707	UP	346.8967	346.8961
7288	M429T27_	1.374342	0.458741	0.543223	0.601883	0.530715	UP	429.1557	429.1554
7289	M280T18_	1.505851	0.590579	0.542324	0.602431	0.530882	UP	279.7325	279.7324
7290	M331T9_6	1.52785	0.611503	0.543259	0.602495	0.530902	UP	331.3289	331.3285
7291	M617T26_	1.609406	0.686528	0.549881	0.602547	0.530917	UP	617.0803	617.08
7292	M438T23	1.528052	-0.61169	-0.54989	0.602561	0.530922	DOWN	438.1967	438.1958
7293	M433T11_	1.543229	0.625952	0.54433	0.602741	0.530976	UP	433.2015	433.2011
7294	M572T29_	1.350563	0.433561	0.543078	0.602958	0.531042	UP	572.437	572.4361
7295	M344T31	1.407061	0.492685	0.542888	0.603053	0.531072	UP	344.2626	344.2623
7296	M268T29	1.509677	-0.59424	-0.54807	0.603177	0.531109	DOWN	268.2272	268.2269
7297	M549T33_	1.42846	-0.51446	-0.54745	0.603208	0.531119	DOWN	549.3746	549.3736
7298	M735T7	2.022539	1.016168	0.545995	0.603248	0.531131	UP	735.407	735.4065
7299	M470T19	1.339041	0.4212	0.553148	0.60328	0.531141	UP	470.2863	470.2855
7300	M556T29	1.348263	0.431101	0.54321	0.603382	0.531172	UP	556.4138	556.4133
7301	M234T23	1.275063	0.350569	0.543405	0.603399	0.531177	UP	234.0716	234.0716
7302	M313T23_	1.51169	-0.59616	-0.55714	0.60345	0.531192	DOWN	313.3616	313.3558
7303	M271T24	1.269603	-0.34438	-0.54746	0.603625	0.531246	DOWN	271.1691	271.1691
7304	M245T28	1.404705	-0.49027	-0.54508	0.603702	0.531269	DOWN	245.1749	245.1744
7305	M374T34	1.22547	-0.29334	-0.54574	0.603708	0.531271	DOWN	374.2118	374.2113
7306	M282T18_	1.43251	0.518545	0.541241	0.603958	0.531347	UP	282.0985	282.0977
7307	M404T22_	1.401171	0.486633	0.544329	0.604072	0.531382	UP	404.0107	404.0102
7308	M394T18_	1.415144	-0.50095	-0.54513	0.604088	0.531387	DOWN	393.9932	393.9921
7309	M662T29	1.380677	0.465376	0.541343	0.604103	0.531391	UP	662.4963	662.4956
7310	M311T19	1.327121	0.4083	0.540013	0.604282	0.531446	UP	311.2698	311.2692
7311	M197T40	1.107034	-0.1467	-0.54008	0.604376	0.531476	DOWN	197.0808	197.0807
7312	M333T27_	1.438733	-0.5248	-0.54967	0.604556	0.531531	DOWN	333.2257	333.2251
7313	M576T15	1.689842	0.756889	0.539241	0.604615	0.53155	UP	576.0987	576.0986
7314	M343T9	1.418615	-0.50448	-0.5387	0.604869	0.531628	DOWN	343.1988	343.1986
7315	M300T18_	1.319845	0.400369	0.538542	0.604869	0.531629	UP	300.2438	300.2433
7316	M455T24_	1.707009	-0.77147	-0.55806	0.605094	0.5317	DOWN	455.2947	455.2937
7317	M497T20_	1.341187	0.42351	0.538772	0.605406	0.531799	UP	497.3668	497.366
7318	M358T11	1.692444	0.759108	0.537722	0.605454	0.531814	UP	357.9679	357.9674
7319	M972T41	1.910959	-0.9343	-0.54147	0.60552	0.531835	DOWN	972.4825	972.4809
7320	M597T32_	1.551391	-0.63356	-0.55091	0.605693	0.531889	DOWN	597.4422	597.4412
7321	M368T9_1	2.039563	-1.02826	-0.55471	0.605768	0.531913	DOWN	367.6	367.5952
7322	M292T29_	1.366849	-0.45085	-0.54169	0.605945	0.531969	DOWN	291.647	291.6465
7323	M355T28_	1.421871	0.50779	0.53719	0.606051	0.532003	UP	355.194	355.1937
7324	M443T35_	1.375798	0.460269	0.543287	0.606092	0.532016	UP	443.4196	443.4193
7325	M527T32_	1.566686	-0.64772	-0.54568	0.606266	0.532071	DOWN	526.8512	526.8506
7326	M329T33	1.459526	-0.5455	-0.54639	0.606695	0.532206	DOWN	329.2114	329.2108
7327	M407T11_	1.624491	0.699988	0.5373	0.606824	0.532247	UP	406.8817	406.8815
7328	M407T30_	1.367416	0.451452	0.53673	0.607207	0.532368	UP	407.3997	407.3992
7329	M228T10_	1.534084	0.617377	0.535113	0.607225	0.532373	UP	227.5975	227.5971
7330	M273T11	1.451986	0.538028	0.539855	0.607408	0.532431	UP	272.6097	272.6095
7331	M376T28_	1.290714	-0.36817	-0.543	0.60772	0.53253	DOWN	376.3423	376.342

7332	M285T24	1.428182	-0.51418	-0.54323	0.607723	0.53253	DOWN	285.1852	285.1848
7333	M486T28	1.436883	-0.52294	-0.54444	0.607762	0.532543	DOWN	486.1138	486.113
7334	M217T18	1.42304	0.508976	0.534598	0.607783	0.532549	UP	217.0525	217.0518
7335	M529T29_	1.352889	0.436043	0.535429	0.607962	0.532606	UP	529.4141	529.4131
7336	M402T18_	1.283839	0.360464	0.533956	0.607977	0.532611	UP	402.197	402.1963
7337	M541T21	1.500101	0.585059	0.533563	0.608146	0.532664	UP	541.0808	541.0793
7338	M385T22	1.465049	0.550949	0.533539	0.608173	0.532672	UP	385.0114	385.0112
7339	M633T10_	1.747135	0.804991	0.533344	0.60833	0.532722	UP	633.072	633.0717
7340	M401T30_	1.108543	0.148664	0.549218	0.608346	0.532727	UP	401.309	401.3084
7341	M353T43	1.104978	0.144017	0.538463	0.608404	0.532745	UP	353.3414	353.3408
7342	M383T23	1.326228	0.407328	0.533954	0.609109	0.532967	UP	383.1564	383.1557
7343	M913T22	1.783702	-0.83487	-0.54996	0.609121	0.532971	DOWN	913.227	913.2256
7344	M581T29	1.315416	0.395519	0.532373	0.609303	0.533027	UP	581.4316	581.4308
7345	M199T33_	1.26708	0.341507	0.532487	0.609336	0.533038	UP	199.1694	199.169
7346	M561T18	1.496173	0.581277	0.532528	0.609386	0.533054	UP	561.0179	561.017
7347	M562T18_	1.484513	0.569989	0.53256	0.609391	0.533055	UP	562.0208	562.0207
7348	M584T33	1.592822	0.671585	0.532456	0.609485	0.533085	UP	584.1229	584.1227
7349	M348T24_	1.491687	-0.57694	-0.54548	0.609557	0.533107	DOWN	348.3109	348.3101
7350	M469T39_	1.191077	-0.25227	-0.53182	0.609627	0.533129	DOWN	469.3133	469.3127
7351	M308T10	1.440092	0.526161	0.534947	0.609822	0.533191	UP	307.7142	307.7131
7352	M482T28_	1.359984	0.443589	0.530166	0.610432	0.533382	UP	481.8738	481.873
7353	M200T10_	1.59552	0.674026	0.530979	0.610592	0.533432	UP	200.4706	200.4702
7354	M273T32_	1.317857	0.398194	0.530093	0.610698	0.533465	UP	273.2062	273.2058
7355	M508T23_	1.25293	0.325306	0.529696	0.611061	0.533579	UP	508.3462	508.3457
7356	M561T22_	1.505081	0.589842	0.532135	0.611062	0.533579	UP	561.0544	561.0527
7357	M584T31	1.397759	0.483116	0.532208	0.611188	0.533619	UP	584.2073	584.2064
7358	M335T24_	1.425612	0.511582	0.528941	0.611229	0.533631	UP	335.058	335.0574
7359	M231T22_	1.266127	-0.34042	-0.53407	0.611406	0.533687	DOWN	231.1594	231.1588
7360	M409T11_	1.236924	0.306757	0.536941	0.611659	0.533766	UP	409.3059	409.3053
7361	M288T33	1.315081	0.395151	0.52803	0.612081	0.533898	UP	288.2252	288.2246
7362	M308T23_	1.35104	0.434071	0.529587	0.612148	0.533918	UP	307.5385	307.5382
7363	M660T29	1.357382	0.440827	0.528669	0.61217	0.533925	UP	660.4899	660.4887
7364	M341T13	1.571773	0.652393	0.530122	0.61236	0.533985	UP	341.1374	341.1371
7365	M309T25	1.397699	0.483053	0.539659	0.61237	0.533988	UP	309.1264	309.1264
7366	M547T29_	1.314224	-0.39421	-0.53026	0.612445	0.534011	DOWN	547.3488	547.3478
7367	M347T12	1.714729	-0.77798	-0.53509	0.612475	0.534021	DOWN	347.2308	347.2304
7368	M680T16_	1.322183	-0.40292	-0.5265	0.612838	0.534134	DOWN	679.5127	679.5125
7369	M497T30_	1.219683	-0.28651	-0.52633	0.612949	0.534168	DOWN	497.3431	497.3423
7370	M176T19	1.413155	0.49892	0.526933	0.613154	0.534232	UP	176.0085	176.0085
7371	M508T30_	1.302245	-0.381	-0.53155	0.613179	0.53424	DOWN	508.4666	508.4657
7372	M351T37	1.217613	0.284056	0.538546	0.613383	0.534304	UP	351.2723	351.272
7373	M471T14_	1.390813	0.475928	0.528628	0.613424	0.534317	UP	471.3067	471.3064
7374	M483T30	1.389432	0.474495	0.529112	0.61353	0.534349	UP	483.203	483.2022
7375	M553T18	1.317805	0.398137	0.527406	0.613535	0.534351	UP	553.2267	553.2254
7376	M875T32	1.243613	0.314538	0.525696	0.613568	0.534361	UP	874.575	874.5747
7377	M480T20_	1.766124	0.820587	0.525287	0.613722	0.534409	UP	480.0407	480.0403
7378	M402T24_	1.48977	-0.57509	-0.53341	0.613775	0.534426	DOWN	402.1182	402.1177

7379	M727T11_	1.585301	0.664757	0.526719	0.613813	0.534438	UP	727.3598	727.3578
7380	M481T7	1.789712	0.839727	0.528541	0.613837	0.534445	UP	481.262	481.2614
7381	M445T22_	1.289069	-0.36633	-0.52623	0.614456	0.534637	DOWN	445.0975	445.0974
7382	M452T44_	1.070626	0.098454	0.524477	0.614483	0.534646	UP	452.2492	452.249
7383	M494T19	1.459324	0.5453	0.523882	0.614582	0.534677	UP	494.2396	494.2394
7384	M413T19_	1.459389	0.545365	0.523846	0.614585	0.534677	UP	413.055	413.0549
7385	M785T10	1.674908	0.744082	0.524118	0.614623	0.534689	UP	784.6295	784.6292
7386	M200T22_	1.450921	-0.53697	-0.53153	0.614748	0.534728	DOWN	200.037	200.0368
7387	M241T22_	1.369927	0.454099	0.526338	0.6148	0.534744	UP	241.1776	241.1773
7388	M475T32	1.609574	0.686679	0.527057	0.61496	0.534794	UP	474.6575	474.6574
7389	M359T29	1.230683	0.299459	0.524329	0.61505	0.534822	UP	359.1672	359.1668
7390	M401T30_	1.430924	0.516947	0.525727	0.615132	0.534847	UP	401.2564	401.2558
7391	M452T44_	1.121836	-0.16586	-0.52283	0.615429	0.534939	DOWN	452.3344	452.3334
7392	M454T24_	1.372773	0.457094	0.528229	0.615518	0.534967	UP	454.1874	454.1868
7393	M934T29	1.435803	-0.52186	-0.52893	0.615576	0.534985	DOWN	934.4366	934.4351
7394	M1110T11	1.491427	0.576694	0.52228	0.615651	0.535008	UP	1109.621	1109.618
7395	M727T10	1.463978	0.549894	0.522215	0.615674	0.535015	UP	726.9299	726.9296
7396	M574T29_	1.352392	0.435513	0.523317	0.615734	0.535034	UP	574.4432	574.4427
7397	M200T21	1.203443	0.267168	0.5226	0.615803	0.535056	UP	200.1728	200.1728
7398	M334T19_	1.467866	-0.55372	-0.52796	0.615814	0.535059	DOWN	334.1086	334.1079
7399	M558T21_	1.432944	0.518982	0.521846	0.615985	0.535112	UP	558.0881	558.0875
7400	M353T22	1.439319	0.525386	0.521576	0.616165	0.535168	UP	353.2626	353.2622
7401	M432T19	1.258425	0.33162	0.52233	0.616225	0.535186	UP	432.3031	432.3027
7402	M309T33	1.486077	-0.57151	-0.53373	0.616231	0.535188	DOWN	309.2038	309.2031
7403	M248T28_	1.47889	-0.56451	-0.5268	0.61645	0.535256	DOWN	248.3589	248.3587
7404	M293T10	1.441308	0.527378	0.521356	0.616599	0.535302	UP	293.1957	293.1953
7405	M406T21	1.453827	0.539855	0.521306	0.616611	0.535306	UP	406.1317	406.1306
7406	M478T31	1.160428	-0.21466	-0.52689	0.616766	0.535353	DOWN	478.3286	478.328
7407	M431T26	1.28171	0.35807	0.525036	0.616769	0.535355	UP	431.0329	431.0322
7408	M350T14	1.302007	0.380737	0.519972	0.617239	0.535505	UP	350.2328	350.2321
7409	M701T10_	1.599371	0.677504	0.520664	0.617378	0.53555	UP	701.4466	701.4451
7410	M330T30_	1.316501	-0.39671	-0.52468	0.617488	0.535585	DOWN	330.243	330.2426
7411	M781T29	1.34725	0.430017	0.51977	0.617504	0.53559	UP	781.1984	781.1983
7412	M388T23_	1.31887	0.399303	0.52105	0.617585	0.535616	UP	387.5471	387.5465
7413	M464T11_	1.521284	0.605289	0.521365	0.617762	0.535673	UP	464.1456	464.144
7414	M644T11	1.352212	0.435322	0.521069	0.617769	0.535675	UP	644.4611	644.4595
7415	M552T18_	1.313586	0.39351	0.520577	0.617938	0.535729	UP	552.2233	552.222
7416	M354T35	1.432864	0.518902	0.533146	0.617968	0.535739	UP	354.3003	354.2998
7417	M751T29	1.375571	0.460031	0.518486	0.618443	0.535891	UP	750.549	750.5482
7418	M759T26	1.534704	0.617961	0.519962	0.618998	0.536068	UP	758.5633	758.5623
7419	M499T9_1	1.423474	0.509416	0.519071	0.619051	0.536085	UP	498.8034	498.8023
7420	M440T10_	1.349427	0.432347	0.517136	0.61917	0.536123	UP	440.2238	440.2227
7421	M423T10_	1.804074	-0.85126	-0.52283	0.619196	0.536131	DOWN	423.2875	423.282
7422	M266T9_2	1.635728	-0.70993	-0.51772	0.619215	0.536137	DOWN	266.2202	266.2201
7423	M308T28_	1.395126	-0.4804	-0.52619	0.61927	0.536155	DOWN	308.2221	308.2216
7424	M734T26	1.357854	-0.44133	-0.52506	0.619374	0.536188	DOWN	734.3603	734.3592
7425	M326T15_	1.475128	0.56084	0.518189	0.619429	0.536206	UP	326.1053	326.1053

7426	M492T18	1.591657	-0.67053	-0.52477	0.619493	0.536226	DOWN	492.1026	492.1013
7427	M328T34	1.538724	-0.62173	-0.52791	0.619673	0.536283	DOWN	328.2637	328.2633
7428	M447T11	1.326091	-0.40718	-0.52706	0.619868	0.536346	DOWN	447.1697	447.1683
7429	M629T30_	1.47954	-0.56515	-0.5251	0.619954	0.536373	DOWN	628.51	628.5087
7430	M388T33	1.231364	0.300257	0.515663	0.620037	0.5364	UP	388.1501	388.15
7431	M320T21	1.335506	0.417387	0.516	0.62007	0.53641	UP	320.2953	320.2949
7432	M934T11_	1.593585	0.672276	0.518345	0.620072	0.536411	UP	933.996	933.9942
7433	M435T23_	1.254182	0.326746	0.519411	0.620551	0.536566	UP	434.858	434.857
7434	M457T14	1.513078	0.597486	0.517681	0.620875	0.536671	UP	457.0218	457.0218
7435	M370T42	1.30181	-0.38052	-0.51986	0.621067	0.536733	DOWN	370.1504	370.1497
7436	M484T20_	1.448844	0.534903	0.51461	0.621265	0.536797	UP	484.1479	484.1476
7437	M435T18_	1.416506	-0.50234	-0.51968	0.6214	0.536841	DOWN	435.0195	435.0186
7438	M308T32	1.438955	-0.52502	-0.52443	0.621546	0.536888	DOWN	308.2949	308.2948
7439	M370T10_	1.378046	0.462624	0.512522	0.622337	0.537144	UP	370.216	370.2156
7440	M393T17	1.444969	-0.53104	-0.52656	0.622421	0.537171	DOWN	393.1322	393.1319
7441	M666T29_	1.404851	-0.49042	-0.51692	0.622422	0.537171	DOWN	666.2473	666.2455
7442	M442T11_	1.353799	0.437014	0.51404	0.622593	0.537226	UP	442.3279	442.3269
7443	M201T26	1.449583	-0.53564	-0.51927	0.622616	0.537234	DOWN	201.2042	201.204
7444	M333T25	1.334929	0.416763	0.511888	0.623123	0.537397	UP	333.1362	333.136
7445	M234T10_	1.710828	0.774694	0.510877	0.623293	0.537452	UP	233.8523	233.8523
7446	M241T22_	1.277044	0.352808	0.513885	0.623429	0.537496	UP	241.0525	241.0524
7447	M642T17_	1.29595	0.37401	0.510424	0.623542	0.537532	UP	642.4656	642.4641
7448	M240T23	1.311991	-0.39176	-0.51249	0.623599	0.537551	DOWN	240.1957	240.1955
7449	M362T28	1.42034	-0.50624	-0.51352	0.623725	0.537591	DOWN	362.2773	362.2767
7450	M336T30_	1.359897	0.443497	0.510186	0.623743	0.537597	UP	336.2532	336.2528
7451	M572T17_	1.614014	0.690653	0.51068	0.623947	0.537663	UP	571.8668	571.8662
7452	M241T18_	1.318503	0.3989	0.510071	0.623956	0.537665	UP	241.1518	241.1515
7453	M171T18	1.085086	-0.11781	-0.51007	0.624336	0.537788	DOWN	171.138	171.1377
7454	M661T29	1.341689	0.42405	0.510199	0.624491	0.537838	UP	661.4934	661.492
7455	M270T28_	1.384903	0.469785	0.509011	0.624545	0.537855	UP	270.0784	270.0781
7456	M797T30	1.06948	0.096909	0.508917	0.624578	0.537865	UP	796.5427	796.5413
7457	M350T34	1.325607	0.406653	0.508901	0.624578	0.537866	UP	350.2903	350.2898
7458	M354T9	1.275251	-0.35078	-0.50878	0.624906	0.537971	DOWN	354.2394	354.2381
7459	M346T15	1.489645	0.574969	0.510945	0.625155	0.538051	UP	346.074	346.0738
7460	M338T17_	1.351571	0.434637	0.508487	0.625163	0.538053	UP	338.2032	338.2031
7461	M240T18_	1.299821	0.378313	0.508967	0.625454	0.538147	UP	240.0149	240.0144
7462	M571T18	1.595019	-0.67357	-0.51677	0.62547	0.538152	DOWN	570.9311	570.93
7463	M485T29	1.333646	0.415376	0.508562	0.62566	0.538213	UP	485.3878	485.3868
7464	M473T30	1.098314	0.135291	0.508635	0.62566	0.538213	UP	473.327	473.3262
7465	M322T18	1.342248	0.424651	0.507947	0.62574	0.538239	UP	322.2857	322.2853
7466	M332T21_	1.225217	-0.29304	-0.50708	0.625916	0.538295	DOWN	332.2225	332.2222
7467	M254T9_2	1.554513	0.636463	0.507266	0.626165	0.538375	UP	254.1351	254.1345
7468	M163T27	1.268532	-0.34316	-0.51269	0.626271	0.538409	DOWN	163.0754	163.075
7469	M396T29	1.316433	0.396634	0.507589	0.626403	0.538451	UP	396.3321	396.3315
7470	M622T30_	1.265027	0.339168	0.506146	0.62656	0.538501	UP	622.2797	622.2794
7471	M606T23_	1.304455	0.383447	0.509287	0.626629	0.538523	UP	606.4638	606.4635
7472	M294T15_	1.316619	0.396838	0.508158	0.626761	0.538565	UP	294.1703	294.1697

7473	M468T32	1.203941	-0.26777	-0.51014	0.626791	0.538575	DOWN	468.3889	468.3886
7474	M357T18	1.408976	0.494647	0.506742	0.626854	0.538595	UP	357.1362	357.1356
7475	M618T31	1.272587	-0.34776	-0.506	0.626882	0.538604	DOWN	618.2466	618.2452
7476	M502T22	1.719767	-0.78221	-0.50966	0.626984	0.538637	DOWN	502.1119	502.1113
7477	M573T29	1.336608	0.418576	0.506331	0.627267	0.538727	UP	573.4405	573.4394
7478	M224T21_	1.347665	0.430462	0.50492	0.627368	0.53876	UP	224.0735	224.0735
7479	M469T26_	1.371013	0.455243	0.506242	0.627388	0.538766	UP	469.2361	469.2356
7480	M438T36	1.356872	0.440285	0.504706	0.627393	0.538768	UP	438.3791	438.3784
7481	M523T11_	1.47026	-0.55607	-0.52296	0.627663	0.538854	DOWN	523.1598	523.1584
7482	M601T18_	1.49973	0.584703	0.504126	0.627781	0.538892	UP	601.0436	601.0434
7483	M172T34	1.532422	-0.61581	-0.50975	0.627952	0.538946	DOWN	172.1332	172.133
7484	M437T23_	1.459486	-0.54546	-0.50983	0.627977	0.538954	DOWN	437.1935	437.1925
7485	M396T7	1.948122	0.962084	0.509489	0.628016	0.538967	UP	396.219	396.2189
7486	M754T11	1.565462	0.646588	0.504976	0.628062	0.538982	UP	753.892	753.8911
7487	M337T35_	1.337737	-0.41979	-0.51065	0.62825	0.539041	DOWN	337.3579	337.3575
7488	M345T32_	1.41674	-0.50257	-0.5152	0.628354	0.539074	DOWN	345.1363	345.1362
7489	M257T9_2	1.594567	0.673165	0.522398	0.62852	0.539128	UP	256.8501	256.85
7490	M269T30_	1.275572	0.351145	0.504007	0.628904	0.53925	UP	269.2476	269.2472
7491	M343T29_	1.283193	0.359738	0.50249	0.629039	0.539293	UP	343.1541	343.1536
7492	M332T33_	1.164424	0.219616	0.502215	0.629116	0.539317	UP	332.3314	332.3308
7493	M256T37	1.345353	0.427985	0.50224	0.62913	0.539322	UP	256.2636	256.2633
7494	M511T36	1.299284	-0.37772	-0.50627	0.629223	0.539352	DOWN	511.4833	511.4822
7495	M385T35_	1.589562	0.668629	0.509545	0.629741	0.539516	UP	385.2924	385.292
7496	M343T13	1.509973	0.594522	0.502124	0.629982	0.539593	UP	343.1328	343.1327
7497	M224T18_	1.419928	0.505818	0.500692	0.630198	0.539662	UP	224.119	224.1188
7498	M556T43	1.166163	0.221769	0.501024	0.630264	0.539683	UP	556.1726	556.1714
7499	M688T21_	1.506795	0.591483	0.504183	0.63038	0.53972	UP	687.5096	687.5082
7500	M258T18	1.340018	0.422252	0.505022	0.630681	0.539815	UP	258.0791	258.0787
7501	M253T22_	1.366892	-0.4509	-0.51027	0.630802	0.539853	DOWN	253.0873	253.0869
7502	M793T29_	1.363256	0.447056	0.499023	0.631323	0.540019	UP	793.2694	793.2686
7503	M433T37_	1.479299	0.564913	0.515228	0.631444	0.540057	UP	433.3288	433.3282
7504	M522T26_	1.41987	0.505759	0.498459	0.631575	0.540098	UP	522.2278	522.2275
7505	M270T26_	1.832918	-0.87414	-0.51164	0.631634	0.540117	DOWN	270.3156	270.3152
7506	M535T21_	1.45557	0.541585	0.498101	0.631833	0.54018	UP	535.072	535.0718
7507	M549T29	1.350275	-0.43325	-0.50677	0.631855	0.540187	DOWN	549.0582	549.0575
7508	M550T31_	1.494235	-0.57941	-0.50236	0.632043	0.540247	DOWN	550.0801	550.0798
7509	M352T29_	1.316283	0.396469	0.498554	0.632083	0.54026	UP	352.3059	352.3054
7510	M367T12	1.360049	0.443659	0.498687	0.632171	0.540287	UP	367.2748	367.2742
7511	M659T20	1.500888	-0.58582	-0.50157	0.632367	0.54035	DOWN	659.4778	659.4777
7512	M552T31_	1.553325	0.63536	0.497942	0.632613	0.540427	UP	551.7614	551.7606
7513	M332T10_	1.435587	0.521641	0.497068	0.632613	0.540427	UP	332.0956	332.0951
7514	M214T11	1.476051	0.561742	0.497156	0.632903	0.540519	UP	214.0375	214.037
7515	M492T44_	1.09834	-0.13532	-0.50876	0.633458	0.540694	DOWN	492.2797	492.2793
7516	M331T33_	1.276735	-0.35246	-0.49924	0.633819	0.540808	DOWN	330.58	330.5797
7517	M167T15	1.160745	0.215051	0.496605	0.633978	0.540858	UP	167.0897	167.0894
7518	M381T19	1.290337	0.367748	0.495659	0.634101	0.540897	UP	381.3114	381.3106
7519	M586T35	1.326125	0.407216	0.496804	0.634279	0.540953	UP	586.4432	586.4427

7520	M659T23	1.428697	0.5147	0.494294	0.634405	0.540993	UP	659.4717	659.4715
7521	M395T11_	1.340723	0.423012	0.497513	0.634674	0.541078	UP	395.2912	395.29
7522	M226T9	1.277868	-0.35374	-0.49407	0.634695	0.541084	DOWN	226.1916	226.1909
7523	M398T44	1.117895	-0.16078	-0.5057	0.634729	0.541095	DOWN	398.2193	398.2192
7524	M519T22	1.443677	0.529748	0.507547	0.635141	0.541225	UP	519.1325	519.1322
7525	M572T32	1.235946	-0.30562	-0.49465	0.635378	0.541299	DOWN	572.4281	572.4273
7526	M326T23_	1.355788	-0.43913	-0.50494	0.635461	0.541325	DOWN	326.1964	326.1957
7527	M912T28	1.373299	0.457646	0.492722	0.635543	0.541351	UP	912.2882	912.2869
7528	M564T29_	1.329796	-0.41121	-0.50085	0.635595	0.541368	DOWN	564.4279	564.4266
7529	M807T34	1.360146	0.443762	0.492684	0.636025	0.541503	UP	806.5753	806.5744
7530	M364T29_	1.31748	0.397781	0.491867	0.636026	0.541503	UP	364.2695	364.2691
7531	M313T28	1.498787	-0.5838	-0.50238	0.636205	0.541559	DOWN	313.2352	313.2345
7532	M415T22_	1.177381	0.235581	0.503678	0.636514	0.541656	UP	415.289	415.2884
7533	M476T33	1.278612	0.354579	0.497112	0.636558	0.54167	UP	475.8489	475.8487
7534	M466T20_	1.399463	0.484873	0.49284	0.636583	0.541678	UP	466.3743	466.3735
7535	M358T22	1.356638	0.440036	0.49953	0.636676	0.541707	UP	357.9913	357.9912
7536	M330T16	1.290256	0.367657	0.49266	0.636706	0.541717	UP	330.1738	330.1736
7537	M323T32_	1.259814	0.333211	0.492849	0.636709	0.541717	UP	323.2987	323.2981
7538	M432T17	1.304041	0.382989	0.491581	0.636773	0.541738	UP	432.202	432.2011
7539	M380T26	1.328992	0.410333	0.492435	0.636947	0.541792	UP	380.2951	380.2941
7540	M669T30	1.400454	-0.48589	-0.49424	0.637033	0.541819	DOWN	669.2735	669.2724
7541	M310T23	1.409868	0.49556	0.4939	0.637346	0.541917	UP	310.1103	310.1101
7542	M457T9_4	1.31677	0.397003	0.496149	0.637399	0.541934	UP	457.1703	457.1684
7543	M639T9	1.593078	0.671817	0.48983	0.637428	0.541943	UP	639.4511	639.45
7544	M368T28	1.472769	0.558531	0.490103	0.637507	0.541967	UP	368.0073	368.007
7545	M333T10_	1.882082	-0.91233	-0.50386	0.637608	0.541999	DOWN	333.1403	333.1396
7546	M416T26_	1.381751	-0.4665	-0.49868	0.637625	0.542004	DOWN	416.3202	416.3196
7547	M398T23_	1.462808	-0.54874	-0.50081	0.637766	0.542049	DOWN	398.1146	398.1143
7548	M344T27_	1.373436	0.457789	0.489299	0.637811	0.542063	UP	344.295	344.2946
7549	M1050T10	1.340686	0.422971	0.492026	0.637921	0.542097	UP	1050.228	1050.223
7550	M793T32	1.338471	0.420585	0.490703	0.637991	0.542119	UP	792.5596	792.5589
7551	M385T16_	1.475317	0.561025	0.489289	0.637998	0.542121	UP	385.11	385.1099
7552	M436T9	1.300079	-0.3786	-0.48888	0.638111	0.542156	DOWN	436.337	436.3359
7553	M284T9	1.147831	0.198911	0.489237	0.638171	0.542175	UP	283.9968	283.9968
7554	M935T11_	1.5557	0.637564	0.490774	0.638295	0.542214	UP	934.9972	934.9959
7555	M704T10_	1.445852	0.53192	0.488681	0.638316	0.542221	UP	703.5002	703.4993
7556	M235T18	1.375234	0.459677	0.488699	0.638395	0.542245	UP	235.0631	235.0628
7557	M482T29	1.270487	-0.34538	-0.49355	0.638494	0.542276	DOWN	482.3242	482.3234
7558	M271T21	1.291857	0.369446	0.489657	0.638539	0.54229	UP	271.206	271.2052
7559	M687T21_	1.461381	0.547332	0.491385	0.638598	0.542309	UP	686.5059	686.5043
7560	M253T9	1.55991	0.641462	0.488892	0.638638	0.542322	UP	253.1376	253.1368
7561	M274T22_	1.447649	-0.53371	-0.49911	0.638938	0.542415	DOWN	274.0953	274.0948
7562	M299T18_	1.227988	-0.2963	-0.48721	0.639186	0.542493	DOWN	299.1061	299.1057
7563	M503T32	1.484559	0.570035	0.488535	0.63923	0.542506	UP	503.0888	503.0885
7564	M461T44_	1.060381	0.084582	0.490982	0.639258	0.542515	UP	460.8474	460.8467
7565	M616T32	1.346407	0.429115	0.490073	0.639358	0.542546	UP	616.4544	616.4536
7566	M455T37	1.244549	0.315623	0.487706	0.6395	0.542591	UP	455.4289	455.428

7567	M570T29	1.325056	-0.40605	-0.49324	0.63955	0.542606	DOWN	570.3465	570.3455
7568	M324T9_2	1.442376	-0.52845	-0.4867	0.639559	0.542609	DOWN	323.8622	323.8619
7569	M234T16_	1.298028	0.376321	0.486617	0.639584	0.542617	UP	234.0852	234.085
7570	M302T33	1.230477	0.299218	0.486058	0.640325	0.542848	UP	302.2195	302.2194
7571	M283T30	1.379074	-0.4637	-0.48559	0.640758	0.542983	DOWN	283.1495	283.1488
7572	M255T32	1.295332	0.373322	0.499036	0.640909	0.543029	UP	255.1044	255.1043
7573	M692T30_	1.084972	-0.11766	-0.48714	0.641112	0.543093	DOWN	692.4674	692.4663
7574	M236T28	1.343466	0.42596	0.484359	0.641121	0.543095	UP	236.0563	236.0559
7575	M486T29	1.334231	0.416009	0.485655	0.641194	0.543118	UP	486.3907	486.39
7576	M705T32	1.330835	0.412332	0.484596	0.641283	0.543146	UP	704.5072	704.506
7577	M412T19_	1.414399	0.500189	0.484097	0.641317	0.543156	UP	412.0515	412.0506
7578	M384T26	1.32927	0.410634	0.485185	0.641367	0.543172	UP	384.3475	384.3468
7579	M427T9	1.576063	0.656325	0.485931	0.641529	0.543222	UP	427.1532	427.1521
7580	M475T33_	1.264249	0.338281	0.486987	0.641586	0.54324	UP	475.3473	475.3464
7581	M478T9_2	1.367034	-0.45105	-0.4881	0.641602	0.543245	DOWN	477.739	477.7381
7582	M480T32_	1.408468	-0.49413	-0.49318	0.641689	0.543272	DOWN	480.3085	480.3079
7583	M233T35	1.308037	-0.3874	-0.49186	0.641778	0.5433	DOWN	233.1536	233.1534
7584	M311T26	1.357916	0.441394	0.488724	0.641875	0.54333	UP	311.1268	311.1259
7585	M611T29_	1.472312	0.558083	0.484191	0.642103	0.543401	UP	610.761	610.7604
7586	M593T10_	1.602433	0.680264	0.482685	0.642251	0.543446	UP	593.2166	593.2095
7587	M418T23_	1.26897	0.343658	0.485925	0.64232	0.543468	UP	417.678	417.6772
7588	M708T9_1	1.540457	0.623359	0.482064	0.642853	0.543633	UP	707.5369	707.5361
7589	M410T24_	1.432438	-0.51847	-0.48676	0.643209	0.543743	DOWN	410.1472	410.1423
7590	M434T11_	1.463504	0.549427	0.482946	0.643438	0.543814	UP	433.7031	433.7021
7591	M226T31	1.290367	-0.36778	-0.48452	0.643496	0.543832	DOWN	226.18	226.1799
7592	M380T16	1.231456	0.300365	0.488218	0.643633	0.543875	UP	380.1521	380.1507
7593	M678T27	1.514226	-0.59858	-0.48197	0.643857	0.543944	DOWN	678.2019	678.2008
7594	M294T18_	1.395305	-0.48058	-0.49104	0.644137	0.544031	DOWN	294.0675	294.059
7595	M265T28	1.389191	-0.47425	-0.48774	0.644225	0.544058	DOWN	265.2568	265.2561
7596	M712T9	1.436276	0.522333	0.48297	0.644441	0.544125	UP	712.0112	712.0102
7597	M525T32_	1.39925	-0.48465	-0.48372	0.644627	0.544182	DOWN	525.1375	525.1364
7598	M486T10	1.35801	0.441494	0.47899	0.645086	0.544324	UP	486.3542	486.3524
7599	M340T31	1.385963	0.470889	0.48321	0.645128	0.544337	UP	340.321	340.3207
7600	M518T44	1.086259	0.119368	0.482323	0.645237	0.54437	UP	518.3742	518.3735
7601	M589T22	1.409755	0.495444	0.48171	0.64527	0.54438	UP	589.0495	589.0483
7602	M729T10	1.459711	0.545683	0.479663	0.645429	0.544429	UP	729.4737	729.4722
7603	M311T17_	1.379034	0.463658	0.48148	0.64554	0.544464	UP	311.0943	311.0941
7604	M232T22_	1.098596	-0.13566	-0.47779	0.645581	0.544476	DOWN	232.1628	232.1623
7605	M401T29	1.35149	-0.43455	-0.48349	0.645623	0.544489	DOWN	401.2874	401.2868
7606	M274T22_	1.247399	0.318923	0.477342	0.646	0.544605	UP	274.0506	274.0505
7607	M182T21	1.380981	0.465693	0.477008	0.646124	0.544644	UP	182.0721	182.072
7608	M415T17	1.495422	0.580553	0.47846	0.646324	0.544705	UP	415.0477	415.0471
7609	M964T32	1.411266	-0.49699	-0.488	0.646522	0.544766	DOWN	964.4394	964.439
7610	M581T31	1.256381	-0.32927	-0.47891	0.64653	0.544769	DOWN	581.2981	581.2943
7611	M761T29	1.267084	0.341512	0.476277	0.646613	0.544794	UP	761.1802	761.1795
7612	M314T10	1.339945	0.422174	0.476354	0.646708	0.544823	UP	314.1294	314.1291
7613	M325T24	1.559634	-0.64121	-0.49244	0.646807	0.544854	DOWN	325.1395	325.1388

7614	M253T25	1.418891	-0.50476	-0.4829	0.647065	0.544933	DOWN	253.2641	253.2637
7615	M197T17	1.449971	-0.53602	-0.48706	0.647234	0.544985	DOWN	196.5711	196.571
7616	M473T20_	1.332888	-0.41456	-0.47707	0.647262	0.544994	DOWN	473.3039	473.3006
7617	M245T15	1.26889	0.343567	0.476863	0.647336	0.545016	UP	245.1943	245.1937
7618	M413T25	1.339677	0.421885	0.484569	0.647396	0.545035	UP	413.1627	413.1622
7619	M456T23	1.402359	0.487856	0.475907	0.647441	0.545049	UP	456.3533	456.3528
7620	M383T30	1.050332	0.070846	0.474645	0.647896	0.545188	UP	383.2795	383.2787
7621	M383T18	1.672572	0.742068	0.481496	0.64812	0.545257	UP	383.1761	383.1748
7622	M507T23_	1.330601	0.412078	0.474022	0.648188	0.545278	UP	507.3426	507.3421
7623	M255T37	1.110256	-0.15089	-0.48745	0.648203	0.545283	DOWN	255.2107	255.2106
7624	M981T11	1.501163	0.58608	0.478805	0.648398	0.545342	UP	981.4709	981.4687
7625	M775T41	1.20676	-0.27114	-0.48085	0.64847	0.545364	DOWN	775.4498	775.4484
7626	M253T22_	1.382936	0.467735	0.474202	0.648647	0.545419	UP	252.913	252.9129
7627	M580T32	1.272766	-0.34797	-0.47738	0.648726	0.545443	DOWN	580.2719	580.2705
7628	M271T20	1.363197	0.446994	0.473276	0.648729	0.545444	UP	271.0995	271.0992
7629	M184T28	1.328297	-0.40958	-0.47969	0.64886	0.545484	DOWN	184.0732	184.0731
7630	M410T27	1.354669	0.437941	0.474345	0.648906	0.545498	UP	410.1416	410.1411
7631	M199T30	1.319407	0.399889	0.473146	0.648973	0.545518	UP	199.073	199.0726
7632	M356T11	1.630576	0.705382	0.472892	0.649	0.545527	UP	355.9725	355.9721
7633	M643T29_	1.34933	-0.43224	-0.47425	0.649045	0.545541	DOWN	643.2583	643.2564
7634	M509T32_	1.312072	0.391847	0.473617	0.649086	0.545553	UP	509.3686	509.3682
7635	M397T32_	1.440417	-0.52649	-0.48404	0.6491	0.545557	DOWN	397.2932	397.2929
7636	M731T21	1.506839	0.591526	0.476842	0.649171	0.545579	UP	730.5328	730.5317
7637	M1188T11	1.504642	0.58942	0.477218	0.649214	0.545592	UP	1187.566	1187.564
7638	M509T9	1.527464	0.611138	0.476472	0.649334	0.545629	UP	509.2632	509.2615
7639	M370T34	1.558494	-0.64015	-0.48797	0.64938	0.545643	DOWN	370.1284	370.1281
7640	M275T27_	1.343524	0.426022	0.475684	0.64963	0.54572	UP	274.6256	274.6251
7641	M369T38_	1.29812	0.376424	0.473457	0.649637	0.545722	UP	369.2427	369.2418
7642	M249T28	1.299773	-0.37826	-0.48029	0.650003	0.545834	DOWN	249.2335	249.2333
7643	M690T29	1.440826	-0.5269	-0.47954	0.65013	0.545872	DOWN	690.2472	690.2459
7644	M402T40	1.271092	0.346069	0.471227	0.650155	0.54588	UP	402.2932	402.2924
7645	M599T28	1.636028	-0.7102	-0.47121	0.650161	0.545882	DOWN	599.0778	599.0772
7646	M556T45	1.130146	-0.17651	-0.47884	0.650205	0.545895	DOWN	556.2965	556.2955
7647	M717T26	1.507911	0.592551	0.480035	0.650276	0.545917	UP	717.0053	717.005
7648	M525T7	1.647745	0.720493	0.473451	0.650281	0.545918	UP	525.288	525.2875
7649	M326T33	1.345584	-0.42823	-0.47739	0.650293	0.545922	DOWN	326.2692	326.2689
7650	M488T42_	1.153197	-0.20564	-0.4855	0.650605	0.546017	DOWN	488.2696	488.269
7651	M377T21	1.285102	0.361883	0.471207	0.650679	0.54604	UP	377.2692	377.2686
7652	M434T33	1.137912	-0.18639	-0.47802	0.650692	0.546044	DOWN	434.2121	434.2116
7653	M502T9	1.492508	0.577738	0.472859	0.650696	0.546045	UP	502.4022	502.3933
7654	M725T9_2	1.54003	0.622959	0.470319	0.650711	0.54605	UP	724.5616	724.5594
7655	M362T19_	1.433446	0.519487	0.470511	0.650722	0.546053	UP	362.1053	362.1051
7656	M400T23	1.388552	0.473581	0.471283	0.650909	0.54611	UP	399.9974	399.9971
7657	M318T20_	1.350795	0.433809	0.469758	0.651287	0.546225	UP	318.1085	318.1084
7658	M168T28	1.318529	0.39893	0.469608	0.651324	0.546237	UP	167.9937	167.9933
7659	M723T9	1.550372	0.632614	0.469479	0.651324	0.546237	UP	723.4602	723.4579
7660	M163T22	1.183389	-0.24292	-0.47179	0.651798	0.546381	DOWN	163.133	163.1329

7661	M275T20	1.359917	0.443519	0.470031	0.651865	0.546401	UP	275.1604	275.1597
7662	M420T27	1.190924	-0.25208	-0.47064	0.65194	0.546424	DOWN	420.3473	420.347
7663	M327T40	1.306403	0.3856	0.467807	0.652415	0.546569	UP	327.2168	327.2163
7664	M457T24_	1.297022	-0.3752	-0.47349	0.652743	0.546669	DOWN	457.1796	457.1793
7665	M492T34	1.560512	0.642019	0.469005	0.653052	0.546762	UP	492.0768	492.0766
7666	M210T10_	1.383519	0.468342	0.468712	0.653113	0.546781	UP	210.1492	210.1484
7667	M752T44	1.122964	0.167312	0.466704	0.653383	0.546863	UP	752.3889	752.388
7668	M455T27_	1.249797	-0.32169	-0.46842	0.653402	0.546869	DOWN	455.3327	455.3319
7669	M274T32_	1.283935	0.360572	0.466839	0.653417	0.546873	UP	274.2095	274.2091
7670	M253T30	1.249512	-0.32136	-0.47245	0.653476	0.546891	DOWN	253.1951	253.1949
7671	M364T17_	1.186377	-0.24656	-0.46654	0.653582	0.546924	DOWN	363.9968	363.9967
7672	M617T29	1.310988	0.390655	0.467267	0.653697	0.546958	UP	617.4669	617.4657
7673	M828T11	1.522966	0.606884	0.465979	0.653713	0.546963	UP	828.3589	828.3575
7674	M265T21	1.389795	0.474872	0.470773	0.653863	0.547009	UP	265.1002	265.0999
7675	M323T11	1.450442	0.536493	0.467971	0.653931	0.547029	UP	322.979	322.9785
7676	M460T34_	1.353122	-0.43629	-0.46909	0.654245	0.547125	DOWN	460.1966	460.1961
7677	M227T27	1.355816	0.439161	0.46616	0.65429	0.547138	UP	226.5893	226.5893
7678	M218T10	1.53613	0.6193	0.466024	0.654368	0.547162	UP	217.9902	217.9893
7679	M329T32	1.252455	-0.32476	-0.46529	0.654738	0.547274	DOWN	329.2324	329.2322
7680	M641T17_	1.257453	0.330505	0.46382	0.655137	0.547394	UP	641.462	641.4606
7681	M200T20	1.184396	0.244151	0.466015	0.65521	0.547417	UP	200.1729	200.1727
7682	M461T29_	1.30447	-0.38346	-0.46622	0.655295	0.547442	DOWN	461.2878	461.2873
7683	M274T19_	1.438201	0.524265	0.462968	0.655859	0.547613	UP	274.0527	274.0526
7684	M456T12_	1.427557	0.513549	0.476541	0.656141	0.547698	UP	456.3182	456.3178
7685	M298T30_	1.808876	0.855094	0.465738	0.656141	0.547698	UP	297.9782	297.978
7686	M600T29_	1.215829	0.28194	0.463433	0.65622	0.547722	UP	600.2677	600.2672
7687	M585T29	1.221194	-0.28829	-0.46449	0.656524	0.547814	DOWN	585.2525	585.2522
7688	M568T35	1.691884	0.758631	0.476642	0.656645	0.54785	UP	568.4573	568.4564
7689	M316T23_	1.461054	-0.54701	-0.47308	0.656675	0.547859	DOWN	316.1941	316.1938
7690	M210T9_1	1.303552	-0.38245	-0.46473	0.656819	0.547902	DOWN	210.1491	210.1484
7691	M451T27_	1.34263	0.425062	0.462162	0.657039	0.547969	UP	451.1683	451.1675
7692	M236T27	1.289801	0.367148	0.461388	0.657105	0.547989	UP	236.1727	236.1726
7693	M456T9_2	1.289845	0.367197	0.466002	0.657199	0.548017	UP	456.1577	456.156
7694	M501T20	1.285017	0.361787	0.461837	0.657281	0.548042	UP	501.4012	501.4
7695	M319T20_	1.363794	0.447626	0.460524	0.657492	0.548105	UP	319.1056	319.1053
7696	M441T29	1.300485	0.37905	0.461694	0.657537	0.548119	UP	441.3617	441.3607
7697	M472T21	1.385974	0.4709	0.459668	0.657991	0.548256	UP	472.2152	472.2093
7698	M216T16	1.241232	0.311773	0.460039	0.658055	0.548275	UP	216.1385	216.138
7699	M269T17	1.348496	-0.43135	-0.46883	0.658186	0.548314	DOWN	269.1474	269.1467
7700	M503T9_1	1.366634	0.450627	0.459531	0.658233	0.548329	UP	502.9049	502.9038
7701	M458T15	1.444628	0.530698	0.45951	0.658431	0.548388	UP	458.1911	458.1906
7702	M382T23_	1.307158	0.386434	0.459571	0.658614	0.548443	UP	382.2956	382.2953
7703	M692T30_	1.376835	-0.46136	-0.46069	0.65877	0.54849	DOWN	692.2624	692.2618
7704	M380T23_	1.300053	0.37857	0.460243	0.658782	0.548494	UP	380.2951	380.2948
7705	M272T21	1.246383	0.317747	0.458391	0.659122	0.548595	UP	272.2094	272.2093
7706	M484T16	1.528569	0.612182	0.460396	0.659365	0.548668	UP	484.1084	484.1082
7707	M500T25	1.288591	0.365794	0.461474	0.659968	0.548849	UP	500.2038	500.2031

7708	M646T22	1.34483	0.427424	0.456634	0.660112	0.548893	UP	646.4384	646.438
7709	M305T28_	1.376581	-0.46109	-0.46465	0.660122	0.548895	DOWN	305.2688	305.2682
7710	M333T22_	1.313578	0.393502	0.45649	0.660188	0.548915	UP	333.1704	333.17
7711	M541T11_	1.434966	0.521017	0.458516	0.660318	0.548954	UP	541.3731	541.3723
7712	M161T24	1.334221	-0.416	-0.46408	0.660435	0.548989	DOWN	161.0597	161.0593
7713	M255T28	1.264541	-0.33861	-0.46374	0.660764	0.549088	DOWN	255.2321	255.2316
7714	M569T7	1.657685	0.72917	0.458599	0.660855	0.549115	UP	569.3147	569.314
7715	M177T19_	1.3798	0.464459	0.455757	0.660892	0.549126	UP	176.5102	176.5101
7716	M456T14	1.538659	0.621673	0.457566	0.660932	0.549138	UP	456.077	456.0766
7717	M306T23_	1.688267	-0.75554	-0.45893	0.661077	0.549181	DOWN	306.3244	306.32
7718	M785T29	1.235766	-0.30541	-0.45783	0.661262	0.549237	DOWN	785.1807	785.1795
7719	M221T26_	1.298389	0.376722	0.455565	0.661442	0.549291	UP	221.1538	221.1534
7720	M308T18	1.315787	0.395926	0.456556	0.661658	0.549355	UP	308.2517	308.2513
7721	M232T32	1.313027	-0.3929	-0.45716	0.661747	0.549381	DOWN	232.1696	232.1692
7722	M390T9_1	1.298544	-0.3769	-0.45945	0.661752	0.549383	DOWN	389.5882	389.5877
7723	M543T22_	1.363302	0.447106	0.457782	0.661855	0.549414	UP	543.0435	543.042
7724	M559T16	1.363409	0.447219	0.454902	0.662397	0.549576	UP	559.4074	559.4068
7725	M162T28	1.282154	0.358569	0.452956	0.662618	0.549641	UP	162.0995	162.0995
7726	M535T33	1.283859	0.360487	0.454837	0.662799	0.549696	UP	535.0374	535.0371
7727	M520T32_	1.356737	-0.44014	-0.45645	0.663054	0.549771	DOWN	519.5957	519.5947
7728	M526T25	1.302942	-0.38177	-0.45278	0.663155	0.549802	DOWN	526.3124	526.3122
7729	M325T31_	1.280883	0.357139	0.452384	0.663189	0.549812	UP	325.3215	325.321
7730	M653T27	1.470553	-0.55636	-0.46261	0.663236	0.549826	DOWN	652.9475	652.9468
7731	M725T9_1	1.530828	0.614312	0.451915	0.663368	0.549865	UP	724.5105	724.5086
7732	M429T13	1.566017	0.6471	0.453295	0.663436	0.549885	UP	428.9392	428.9391
7733	M308T23_	1.237365	0.307271	0.451644	0.663731	0.549973	UP	307.8522	307.8516
7734	M340T29	1.615242	0.69175	0.460753	0.663975	0.550046	UP	340.139	340.1387
7735	M960T11	1.452143	0.538184	0.454892	0.663986	0.550049	UP	960.4519	960.4515
7736	M325T28_	1.295094	-0.37306	-0.4567	0.664046	0.550067	DOWN	325.1435	325.1433
7737	M313T38	1.230513	0.29926	0.461732	0.664096	0.550082	UP	313.1799	313.1795
7738	M663T21_	1.35818	0.441674	0.451747	0.664204	0.550114	UP	662.9925	662.9918
7739	M216T22	1.311694	0.391432	0.451102	0.66422	0.550118	UP	216.0191	216.019
7740	M454T9_1	1.348257	0.431095	0.450766	0.664222	0.550119	UP	453.6011	453.5971
7741	M251T11_	1.367393	0.451428	0.45135	0.664462	0.550191	UP	251.0684	251.068
7742	M444T35	1.360117	0.44373	0.450896	0.664594	0.55023	UP	444.117	444.1164
7743	M654T11	1.506487	0.591188	0.450111	0.664639	0.550243	UP	654.2467	654.246
7744	M379T26_	1.299907	0.378409	0.450622	0.664825	0.550298	UP	379.1865	379.186
7745	M317T11	1.582149	0.661885	0.449882	0.664826	0.550298	UP	316.9411	316.9408
7746	M771T10_	1.384686	0.469559	0.449362	0.665185	0.550405	UP	770.9569	770.9561
7747	M392T20	1.460331	-0.5463	-0.45784	0.665277	0.550432	DOWN	392.137	392.1361
7748	M194T31	1.263992	0.337987	0.448844	0.665495	0.550497	UP	194.0093	194.0089
7749	M423T18_	1.286591	-0.36355	-0.44875	0.665519	0.550504	DOWN	423.1753	423.1752
7750	M397T23_	1.350631	-0.43363	-0.45624	0.665698	0.550557	DOWN	397.1113	397.1106
7751	M618T29	1.307804	0.387146	0.449471	0.665718	0.550563	UP	618.4697	618.4688
7752	M573T17	1.437484	0.523546	0.454889	0.665792	0.550585	UP	572.9445	572.9443
7753	M461T29_	1.273747	0.349079	0.449373	0.665857	0.550604	UP	461.3738	461.3731
7754	M420T12_	1.285122	0.361906	0.448664	0.665894	0.550615	UP	420.2748	420.2739

7755	M291T28_	1.287142	0.364172	0.448696	0.6659	0.550617	UP	291.2532	291.2528
7756	M748T11	1.406392	0.491999	0.448302	0.665902	0.550618	UP	748.4132	748.4112
7757	M319T34	1.13622	0.184242	0.448222	0.665913	0.550621	UP	319.2482	319.2477
7758	M426T26	1.484251	-0.56974	-0.45696	0.665951	0.550632	DOWN	426.02	426.0195
7759	M333T27_	1.328964	-0.4103	-0.45437	0.666062	0.550665	DOWN	333.0964	333.0958
7760	M175T20	1.301576	0.38026	0.450817	0.66619	0.550703	UP	175.0642	175.064
7761	M563T18_	1.377141	0.461676	0.448325	0.666264	0.550725	UP	563.0181	563.0175
7762	M604T30	1.074959	0.104281	0.447904	0.666307	0.550738	UP	604.4135	604.4131
7763	M313T19_	1.250523	-0.32253	-0.45166	0.666311	0.550739	DOWN	313.1043	313.1038
7764	M394T20_	1.478777	-0.5644	-0.45582	0.666483	0.55079	DOWN	394.1324	394.132
7765	M822T31	1.403043	0.488559	0.452515	0.666796	0.550882	UP	822.1197	822.1193
7766	M219T20	1.380531	-0.46522	-0.45571	0.666884	0.550908	DOWN	219.1745	219.1744
7767	M163T6	1.241646	-0.31225	-0.45618	0.667167	0.550992	DOWN	162.9734	162.9733
7768	M569T10	1.290438	0.367861	0.446136	0.667494	0.551089	UP	569.4751	569.4745
7769	M394T28_	1.294424	0.37231	0.446017	0.667762	0.551168	UP	394.3105	394.3097
7770	M597T28	1.576453	-0.65668	-0.44561	0.667808	0.551181	DOWN	597.08	597.0785
7771	M166T26	1.321282	0.401938	0.447998	0.667915	0.551213	UP	166.0944	166.0941
7772	M787T32	1.176553	0.234566	0.443899	0.668916	0.551508	UP	786.5219	786.521
7773	M398T13	1.273704	0.34903	0.444136	0.668924	0.55151	UP	398.083	398.082
7774	M446T16	1.175741	0.23357	0.443746	0.669022	0.551539	UP	446.2235	446.2231
7775	M542T36	1.189345	0.250168	0.444486	0.669265	0.551611	UP	542.4325	542.4317
7776	M405T39	1.223444	0.290948	0.449319	0.669385	0.551646	UP	405.1958	405.1949
7777	M476T9_4	1.29646	-0.37458	-0.44509	0.669389	0.551648	DOWN	476.3279	476.3269
7778	M163T10	1.262937	0.336782	0.443502	0.669525	0.551687	UP	163.1232	163.123
7779	M493T10	1.518042	-0.60221	-0.45469	0.669605	0.551711	DOWN	493.1582	493.1576
7780	M761T34	1.295851	0.3739	0.444159	0.669797	0.551768	UP	760.5427	760.541
7781	M318T16	1.398214	0.483585	0.444523	0.669944	0.551811	UP	318.0826	318.0825
7782	M392T31	1.408767	-0.49443	-0.45165	0.669946	0.551811	DOWN	392.0922	392.092
7783	M537T27	1.271769	-0.34684	-0.4462	0.670024	0.551834	DOWN	537.345	537.3444
7784	M304T14	1.50192	0.586808	0.442278	0.670134	0.551867	UP	304.0668	304.0667
7785	M355T24	1.275323	-0.35086	-0.4522	0.670152	0.551872	DOWN	355.0842	355.0836
7786	M177T21	1.227377	0.295578	0.444578	0.670171	0.551877	UP	177.0799	177.0798
7787	M435T33	1.312877	-0.39273	-0.44908	0.670251	0.551901	DOWN	435.1935	435.1934
7788	M430T20_	1.261331	0.334946	0.442835	0.670267	0.551906	UP	430.3166	430.3159
7789	M393T9	1.353079	-0.43625	-0.4423	0.670268	0.551906	DOWN	393.2094	393.2092
7790	M510T10	1.297655	0.375907	0.446062	0.670323	0.551922	UP	510.2856	510.2853
7791	M269T27	1.278203	-0.35412	-0.44968	0.670352	0.551931	DOWN	269.1901	269.1899
7792	M403T14	1.27843	0.354373	0.441745	0.670437	0.551955	UP	403.1025	403.1021
7793	M330T36	1.100253	0.137836	0.446977	0.670554	0.55199	UP	330.2124	330.2123
7794	M353T38	1.276863	0.352604	0.452956	0.670582	0.551998	UP	353.2647	353.2645
7795	M277T11_	1.362543	0.446301	0.44035	0.671363	0.552227	UP	277.1287	277.1284
7796	M492T43	1.158996	0.212876	0.448382	0.671647	0.552311	UP	492.2797	492.2792
7797	M473T9_1	1.352703	-0.43584	-0.44325	0.671801	0.552356	DOWN	472.8192	472.8167
7798	M880T32	1.308046	0.387414	0.440668	0.671961	0.552403	UP	879.6095	879.609
7799	M503T22	1.447579	-0.53364	-0.45421	0.672132	0.552453	DOWN	502.9639	502.9633
7800	M459T26	1.443892	0.529962	0.448224	0.672171	0.552464	UP	459.0527	459.0521
7801	M415T20_	1.223734	0.29129	0.439122	0.672278	0.552495	UP	415.2118	415.2108

7802	M428T18	1.356681	0.440081	0.439868	0.673141	0.552748	UP	428.0292	428.0286
7803	M305T34	1.45528	0.541297	0.440249	0.67332	0.5528	UP	305.1201	305.1196
7804	M397T29_	1.281866	0.358245	0.438535	0.673454	0.552839	UP	397.3354	397.3347
7805	M356T21	1.271375	0.34639	0.439708	0.673471	0.552844	UP	356.3164	356.3157
7806	M330T18	1.417728	-0.50358	-0.44576	0.673541	0.552865	DOWN	330.2337	330.2332
7807	M290T32_	1.29873	0.377101	0.437263	0.673626	0.552889	UP	290.2327	290.2323
7808	M572T18	1.279611	0.355706	0.437434	0.673988	0.552995	UP	572.4012	572.4009
7809	M241T18_	1.336207	0.418144	0.437307	0.67401	0.553002	UP	241.0718	241.0711
7810	M305T17	1.197256	0.259732	0.436342	0.674175	0.55305	UP	305.171	305.1707
7811	M570T35	1.268192	0.342773	0.437068	0.674223	0.553064	UP	570.4578	570.4572
7812	M313T27	1.493541	-0.57874	-0.44534	0.674289	0.553083	DOWN	312.9799	312.9795
7813	M329T40	1.26487	0.33899	0.436298	0.674295	0.553085	UP	329.2688	329.2687
7814	M725T31_	1.350888	0.433908	0.439274	0.674343	0.553098	UP	724.592	724.5911
7815	M303T18	1.239902	0.310226	0.436002	0.674362	0.553104	UP	303.2169	303.2163
7816	M240T20_	1.285322	-0.36213	-0.43593	0.674416	0.55312	DOWN	240.1654	240.1651
7817	M318T30_	1.454523	0.540546	0.442329	0.674589	0.55317	UP	318.0424	318.0421
7818	M694T27	1.301334	0.379991	0.440304	0.674646	0.553187	UP	694.1747	694.1733
7819	M393T19_	1.855585	0.891874	0.447213	0.674774	0.553224	UP	393.3341	393.331
7820	M360T19	1.269181	0.343898	0.437602	0.674795	0.55323	UP	360.3264	360.3256
7821	M500T34	1.347814	-0.43062	-0.44097	0.674805	0.553233	DOWN	499.8548	499.8541
7822	M413T20	1.448906	0.534964	0.436964	0.675084	0.553314	UP	412.9982	412.9975
7823	M711T30	1.083898	0.116229	0.434787	0.675293	0.553375	UP	711.4984	711.4975
7824	M252T15	1.261674	0.335339	0.434609	0.676119	0.553615	UP	252.1314	252.1308
7825	M559T26	1.451249	0.537295	0.437042	0.676318	0.553673	UP	559.0912	559.0906
7826	M205T42	1.083021	0.115061	0.432941	0.676507	0.553728	UP	205.0859	205.0855
7827	M485T9_3	1.406778	-0.49239	-0.43644	0.676707	0.553786	DOWN	485.2971	485.2967
7828	M277T18_	1.129044	0.175101	0.432605	0.677178	0.553923	UP	277.2012	277.2007
7829	M427T20_	1.472848	0.558609	0.431853	0.677438	0.553998	UP	427.1241	427.1236
7830	M357T29	1.384401	-0.46926	-0.43953	0.677465	0.554006	DOWN	357.2612	357.2605
7831	M425T10_	1.643849	0.717078	0.433919	0.677644	0.554058	UP	425.2745	425.2737
7832	M155T2	1.493004	0.578218	0.444752	0.677684	0.55407	UP	155.0026	155.0024
7833	M462T21_	1.264585	0.338664	0.435785	0.677688	0.554071	UP	462.3581	462.3569
7834	M466T22	1.265418	-0.33961	-0.43237	0.677952	0.554147	DOWN	466.3295	466.3284
7835	M222T26_	1.314899	0.394952	0.432531	0.678073	0.554182	UP	222.1572	222.1567
7836	M373T37_	1.246196	-0.31753	-0.43118	0.678076	0.554183	DOWN	373.2587	373.2582
7837	M277T9	1.393387	-0.4786	-0.44177	0.678163	0.554208	DOWN	276.6336	276.6331
7838	M257T24	1.358956	-0.4425	-0.43724	0.678374	0.554269	DOWN	257.2669	257.2666
7839	M519T44_	1.088363	-0.12216	-0.43202	0.678458	0.554293	DOWN	518.8753	518.8751
7840	M421T24	1.286726	-0.36371	-0.43483	0.678795	0.554391	DOWN	421.3426	421.3421
7841	M399T30_	1.482261	0.5678	0.43306	0.678909	0.554424	UP	399.2665	399.2622
7842	M163T29_	1.343589	-0.42609	-0.43634	0.678937	0.554432	DOWN	163.0754	163.0751
7843	M511T16	1.353378	0.436565	0.43014	0.67902	0.554456	UP	511.4222	511.4213
7844	M515T22_	1.275192	-0.35071	-0.43567	0.679039	0.554462	DOWN	515.4171	515.4163
7845	M558T21_	1.288344	0.365517	0.430776	0.679046	0.554464	UP	558.3853	558.3845
7846	M496T44	1.073762	0.102674	0.434751	0.679198	0.554508	UP	496.3601	496.3595
7847	M434T44_	1.046688	-0.06583	-0.42873	0.679473	0.554587	DOWN	434.2745	434.2741
7848	M288T23_	1.301899	0.380617	0.437811	0.679495	0.554593	UP	287.7542	287.7539

7849	M572T30_	1.249733	-0.32162	-0.43173	0.679543	0.554607	DOWN	572.3618	572.3612
7850	M489T29	1.341345	-0.42368	-0.43389	0.679608	0.554626	DOWN	489.3395	489.3393
7851	M445T16	1.213591	0.279283	0.429228	0.679646	0.554637	UP	445.2201	445.2192
7852	M290T20	1.194985	-0.25699	-0.42852	0.679654	0.554639	DOWN	290.2482	290.248
7853	M433T17	1.272069	0.347177	0.428952	0.67974	0.554664	UP	433.2053	433.2043
7854	M287T10	1.540719	0.623604	0.428301	0.679779	0.554675	UP	287.0635	287.0631
7855	M548T29_	1.232078	-0.30109	-0.43375	0.679794	0.55468	DOWN	548.0444	548.0435
7856	M654T41_	1.386522	-0.47147	-0.4283	0.679797	0.55468	DOWN	654.3872	654.3827
7857	M490T30_	1.073169	0.101877	0.429493	0.679801	0.554682	UP	490.3649	490.3643
7858	M335T29_	1.264155	0.338173	0.429254	0.679902	0.554711	UP	335.2793	335.2789
7859	M341T10_	1.57523	-0.65556	-0.43273	0.680061	0.554756	DOWN	340.9546	340.9512
7860	M667T29	1.338163	-0.42025	-0.43302	0.680087	0.554764	DOWN	667.2589	667.2573
7861	M573T18	1.489291	-0.57463	-0.43373	0.680234	0.554807	DOWN	572.9288	572.9283
7862	M694T28	1.298681	0.377047	0.431894	0.680283	0.554821	UP	694.1745	694.174
7863	M655T41_	1.472476	-0.55824	-0.42832	0.680294	0.554824	DOWN	654.834	654.8328
7864	M471T14_	1.407115	0.49274	0.432443	0.680326	0.554833	UP	471.1791	471.1786
7865	M334T22	1.36719	0.451213	0.427422	0.680348	0.554839	UP	334.0988	334.0986
7866	M359T9_4	1.640888	0.714477	0.427903	0.680729	0.554949	UP	358.9388	358.9387
7867	M359T26_	1.329042	-0.41039	-0.43379	0.680737	0.554951	DOWN	359.2048	359.204
7868	M387T23_	1.25982	0.333217	0.428029	0.680943	0.555011	UP	387.1041	387.1033
7869	M436T25	1.223236	-0.2907	-0.43025	0.68098	0.555021	DOWN	436.3061	436.3046
7870	M650T41_	1.235165	-0.3047	-0.42652	0.68136	0.555131	DOWN	650.4936	650.4922
7871	M234T10_	1.578802	0.65883	0.425883	0.681426	0.55515	UP	233.5983	233.5978
7872	M465T26_	1.312375	-0.39218	-0.42691	0.681934	0.555296	DOWN	465.381	465.3806
7873	M237T32	1.29562	0.373643	0.4256	0.682244	0.555385	UP	237.185	237.1848
7874	M407T11_	1.305787	0.38492	0.427636	0.682252	0.555387	UP	407.2962	407.2955
7875	M281T18_	1.302232	0.380987	0.426358	0.682303	0.555402	UP	281.0952	281.0944
7876	M306T23_	1.452016	-0.53806	-0.42521	0.682339	0.555412	DOWN	306.3051	306.3037
7877	M422T18	1.159203	-0.21313	-0.42425	0.682741	0.555528	DOWN	422.2483	422.2479
7878	M273T33	1.232737	0.301865	0.424055	0.682778	0.555538	UP	273.2062	273.2057
7879	M480T32_	1.248087	-0.31972	-0.43209	0.682877	0.555566	DOWN	480.3395	480.3347
7880	M391T34_	1.266029	-0.34031	-0.4255	0.68288	0.555567	DOWN	391.2381	391.2378
7881	M423T29_	1.264399	0.338452	0.425744	0.682883	0.555568	UP	423.3318	423.3309
7882	M443T22	1.289857	0.367212	0.429475	0.683351	0.555702	UP	443.0415	443.0409
7883	M404T35	1.075593	-0.10513	-0.43121	0.683733	0.555812	DOWN	404.2361	404.2353
7884	M424T19_	1.292512	0.370178	0.422672	0.684109	0.555919	UP	424.3576	424.3573
7885	M219T12_	1.409046	0.494719	0.422027	0.684126	0.555924	UP	219.1746	219.1745
7886	M825T11	1.472713	0.558476	0.423764	0.684139	0.555928	UP	825.3531	825.3509
7887	M293T23	1.225498	0.293369	0.422044	0.684195	0.555944	UP	293.1387	293.1383
7888	M742T27	1.294324	0.372199	0.426184	0.684402	0.556003	UP	742.1747	742.1745
7889	M826T31	1.185652	0.245681	0.425435	0.684504	0.556032	UP	825.6117	825.6101
7890	M523T35_	1.285905	0.362784	0.422853	0.684533	0.556041	UP	523.3841	523.3836
7891	M503T20_	1.269764	0.344561	0.421982	0.684652	0.556075	UP	503.408	503.4069
7892	M225T32	1.089535	-0.12371	-0.42127	0.684759	0.556105	DOWN	225.0603	225.0602
7893	M427T16_	1.431339	0.517366	0.421875	0.684876	0.556139	UP	427.14	427.1399
7894	M286T18_	1.317176	0.397448	0.422013	0.684945	0.556158	UP	286.0741	286.0737
7895	M392T18_	1.552008	-0.63414	-0.42944	0.685297	0.556259	DOWN	392.1159	392.1157

7896	M306T23_	1.241922	0.312574	0.422631	0.685302	0.55626	UP	306.2905	306.2899
7897	M335T16_	1.241098	0.311616	0.421486	0.685355	0.556276	UP	335.2222	335.2216
7898	M258T22	1.369466	-0.45361	-0.4292	0.685386	0.556284	DOWN	258.08	258.0794
7899	M378T25	1.400337	-0.48577	-0.4278	0.685408	0.556291	DOWN	378.0974	378.0968
7900	M726T9	1.481571	0.567128	0.419955	0.685575	0.556338	UP	725.6144	725.6124
7901	M552T9	1.167504	-0.22343	-0.42474	0.685636	0.556356	DOWN	552.2606	552.2593
7902	M235T26	1.228387	-0.29677	-0.42167	0.685826	0.55641	DOWN	235.1217	235.1213
7903	M544T29	1.246101	-0.31742	-0.42471	0.685842	0.556415	DOWN	544.3398	544.3389
7904	M359T10_	1.523395	-0.60729	-0.41933	0.686083	0.556483	DOWN	359.2148	359.2138
7905	M157T6_1	1.341963	-0.42434	-0.42189	0.686088	0.556485	DOWN	157.0836	157.0833
7906	M555T43	1.153002	0.205395	0.41958	0.686145	0.556501	UP	555.1756	555.1744
7907	M685T10_	1.23874	0.308873	0.420275	0.686318	0.55655	UP	684.654	684.6517
7908	M350T35	1.12688	-0.17233	-0.42081	0.686498	0.556602	DOWN	350.2408	350.2407
7909	M320T18_	1.423304	0.509244	0.420099	0.686505	0.556603	UP	320.0832	320.083
7910	M286T25_	1.370648	-0.45486	-0.42326	0.686569	0.556622	DOWN	286.1884	286.1881
7911	M582T29_	1.228152	-0.29649	-0.42157	0.686592	0.556628	DOWN	582.2951	582.2897
7912	M715T26	1.37775	0.462315	0.418771	0.686763	0.556677	UP	714.5371	714.5362
7913	M749T11	1.346329	0.429031	0.418194	0.686808	0.55669	UP	749.4165	749.4139
7914	M587T21	1.44082	0.52689	0.41961	0.686847	0.556701	UP	587.3041	587.3039
7915	M503T12	1.368473	0.452567	0.418126	0.686974	0.556737	UP	503.1215	503.1214
7916	M631T11_	1.394636	0.479889	0.420923	0.687031	0.556753	UP	631.4458	631.4446
7917	M778T15	1.293523	0.371305	0.420895	0.687076	0.556766	UP	777.6956	777.6954
7918	M413T32	1.421644	-0.50756	-0.42516	0.687268	0.556821	DOWN	413.3164	413.3157
7919	M384T23_	1.26276	0.33658	0.418685	0.687302	0.55683	UP	384.2958	384.2947
7920	M552T21	1.379112	0.46374	0.41782	0.687398	0.556858	UP	552.0622	552.0618
7921	M255T9_1	1.467353	0.553216	0.417888	0.687499	0.556886	UP	254.6366	254.6362
7922	M366T10_	1.462113	0.548055	0.416515	0.688	0.557029	UP	365.6831	365.6828
7923	M283T38	1.176687	0.234731	0.423543	0.688213	0.557089	UP	283.1356	283.1355
7924	M318T21	1.294765	0.37269	0.416476	0.688288	0.557111	UP	318.1085	318.1082
7925	M401T10_	1.221145	0.288234	0.423632	0.688309	0.557116	UP	400.8443	400.8437
7926	M366T20	1.316445	0.396647	0.416137	0.688348	0.557128	UP	366.1003	366.1001
7927	M512T29	1.274898	0.350382	0.417683	0.688352	0.557129	UP	512.3875	512.3864
7928	M445T22_	1.282009	0.358407	0.420055	0.688424	0.557149	UP	445.037	445.0364
7929	M288T11_	1.285607	0.36245	0.415845	0.688544	0.557183	UP	288.2327	288.2324
7930	M279T31_	1.292797	0.370496	0.41705	0.688581	0.557194	UP	279.1436	279.1404
7931	M250T6	1.312431	-0.39224	-0.41572	0.688582	0.557194	DOWN	250.1606	250.1604
7932	M538T43_	1.121627	0.165592	0.415938	0.688812	0.557259	UP	538.4313	538.4305
7933	M529T22	1.349607	-0.43254	-0.42473	0.688975	0.557305	DOWN	529.1431	529.142
7934	M316T30_	1.294912	-0.37285	-0.42209	0.689195	0.557368	DOWN	316.2274	316.2268
7935	M321T23	1.27978	0.355896	0.415964	0.689612	0.557486	UP	321.2903	321.2901
7936	M748T43	1.090374	0.124823	0.416294	0.689633	0.557492	UP	747.5205	747.5197
7937	M526T24	1.290214	0.367611	0.416025	0.689782	0.557534	UP	526.4369	526.4365
7938	M176T17_	1.373096	-0.45743	-0.42119	0.689782	0.557534	DOWN	175.5562	175.556
7939	M548T28_	1.279624	0.35572	0.417042	0.689805	0.557541	UP	548.2435	548.2432
7940	M236T30_	1.278165	0.354074	0.41351	0.690175	0.557645	UP	236.1646	236.1642
7941	M572T33	1.28909	-0.36635	-0.41716	0.690311	0.557684	DOWN	572.3715	572.3703
7942	M459T33_	1.335649	-0.41754	-0.4165	0.690362	0.557698	DOWN	459.3214	459.3211

7943	M810T24	1.337051	-0.41905	-0.42035	0.690363	0.557698	DOWN	810.3768	810.3748
7944	M460T20	1.348451	0.431303	0.413353	0.690525	0.557744	UP	460.0567	460.0562
7945	M466T11	1.22712	0.295276	0.41211	0.691101	0.557907	UP	466.3279	466.3276
7946	M895T34	1.312768	0.392612	0.412325	0.691175	0.557928	UP	894.6284	894.6266
7947	M402T24_	1.320443	-0.40102	-0.4192	0.691196	0.557934	DOWN	402.3368	402.3359
7948	M228T24	1.366039	0.449999	0.415708	0.691251	0.55795	UP	228.1034	228.1033
7949	M913T28	1.308186	0.387568	0.411546	0.691542	0.558032	UP	913.2911	913.2903
7950	M354T22	1.261076	0.334656	0.411834	0.691573	0.55804	UP	354.2854	354.2847
7951	M319T44	1.054105	-0.07602	-0.41238	0.691589	0.558045	DOWN	319.1608	319.1606
7952	M363T9_2	1.401097	0.486557	0.416424	0.691608	0.55805	UP	363.2377	363.2372
7953	M599T21_	1.335737	0.417636	0.411457	0.691854	0.55812	UP	599.1149	599.1141
7954	M542T29_	1.256132	-0.32899	-0.41557	0.691864	0.558122	DOWN	541.6659	541.6648
7955	M718T10	1.309244	0.388733	0.411433	0.69195	0.558147	UP	718.472	718.4705
7956	M815T11_	1.528859	-0.61246	-0.42065	0.692369	0.558265	DOWN	815.3248	815.3238
7957	M454T9_8	1.375406	0.459858	0.413236	0.692534	0.558311	UP	454.3696	454.3617
7958	M315T11_	1.280512	0.356721	0.413833	0.692701	0.558358	UP	315.2236	315.2231
7959	M570T7	1.584915	0.664406	0.412062	0.692769	0.558378	UP	570.3182	570.317
7960	M482T9_2	1.291239	0.368756	0.409688	0.692838	0.558397	UP	482.2649	482.2641
7961	M274T25	1.242891	0.3137	0.412096	0.692862	0.558404	UP	274.2743	274.2736
7962	M219T11	1.237018	0.306866	0.415991	0.693071	0.558462	UP	219.1958	219.1953
7963	M1142T11_	1.49926	0.584251	0.410714	0.693246	0.558512	UP	1142.063	1142.062
7964	M257T37	1.296969	0.375144	0.408814	0.693402	0.558556	UP	257.2669	257.2666
7965	M451T9_1	1.265058	0.339204	0.412616	0.694068	0.558743	UP	450.555	450.5532
7966	M417T32	1.461518	0.547467	0.411522	0.694137	0.558762	UP	416.6895	416.6894
7967	M485T9_4	1.397002	0.482334	0.412111	0.694231	0.558788	UP	485.3329	485.3324
7968	M467T29	1.258442	0.331639	0.40941	0.694267	0.558798	UP	467.3579	467.357
7969	M451T34	1.457952	0.543944	0.411173	0.69428	0.558802	UP	451.0503	451.0501
7970	M343T22_	1.234185	-0.30356	-0.41427	0.694484	0.55886	DOWN	343.0158	343.0144
7971	M305T23_	1.268028	0.342587	0.408081	0.694496	0.558863	UP	305.0502	305.0501
7972	M346T22_	1.276101	-0.35174	-0.41183	0.694674	0.558913	DOWN	346.2533	346.2525
7973	M475T43_	1.095336	0.131374	0.40964	0.695009	0.559007	UP	475.0065	475.0062
7974	M298T27_	1.300541	-0.37911	-0.41286	0.695014	0.559008	DOWN	298.246	298.2454
7975	M386T38	1.300216	0.378752	0.408628	0.695153	0.559047	UP	386.2692	386.2687
7976	M581T21	1.33305	0.414731	0.407016	0.695248	0.559074	UP	581.1044	581.1039
7977	M317T23_	1.342253	-0.42466	-0.41188	0.69534	0.5591	DOWN	316.9755	316.9752
7978	M424T29	1.25948	0.332829	0.407645	0.695426	0.559124	UP	424.3351	424.3342
7979	M378T35_	1.110496	-0.1512	-0.40842	0.695702	0.559201	DOWN	378.181	378.1809
7980	M351T15	1.406406	0.492013	0.407079	0.695712	0.559204	UP	351.0529	351.0525
7981	M177T29	1.180405	-0.23928	-0.40723	0.696547	0.559437	DOWN	177.1122	177.112
7982	M307T23_	1.235307	0.304869	0.406363	0.696611	0.559455	UP	307.2938	307.2933
7983	M470T14	1.412368	0.498116	0.40676	0.696649	0.559466	UP	470.182	470.1818
7984	M282T23	1.203093	-0.26675	-0.409	0.696818	0.559513	DOWN	282.1418	282.1412
7985	M544T27	1.223663	-0.29121	-0.40536	0.69689	0.559533	DOWN	544.3307	544.3301
7986	M584T29_	1.24898	-0.32075	-0.40429	0.696909	0.559538	DOWN	584.3017	584.3009
7987	M343T17_	1.348881	0.431763	0.404206	0.697069	0.559583	UP	343.1206	343.1205
7988	M285T22	1.27496	-0.35045	-0.4084	0.697071	0.559584	DOWN	285.1855	285.1847
7989	M707T29	1.296894	0.375061	0.404325	0.697114	0.559596	UP	706.5229	706.5215

7990	M328T32_	1.331524	-0.41308	-0.41	0.697126	0.559599	DOWN	328.2638	328.2634
7991	M461T23_	1.297569	0.375812	0.403574	0.697226	0.559627	UP	461.3499	461.3491
7992	M310T26_	1.322178	-0.40292	-0.41169	0.697388	0.559672	DOWN	310.2097	310.2092
7993	M317T18_	1.422303	-0.50823	-0.41277	0.697407	0.559678	DOWN	316.9301	316.9297
7994	M405T22_	1.316918	0.397165	0.40652	0.697464	0.559693	UP	405.1003	405.1001
7995	M329T18_	1.190506	0.251575	0.404337	0.69749	0.559701	UP	328.9999	328.9997
7996	M511T22_	1.391497	-0.47664	-0.40957	0.697591	0.559729	DOWN	511.1425	511.1417
7997	M363T31_	1.358843	0.442378	0.404118	0.697885	0.559811	UP	363.301	363.2978
7998	M261T32	1.258956	0.332228	0.402764	0.698106	0.559873	UP	261.2425	261.242
7999	M341T35_	1.117743	-0.16059	-0.40401	0.698484	0.559978	DOWN	341.2882	341.2881
8000	M309T23_	1.346019	0.428699	0.406329	0.698487	0.559979	UP	309.1262	309.1261
8001	M319T11	1.441936	-0.52801	-0.41278	0.698658	0.560026	DOWN	319.121	319.1205
8002	M363T30_	1.29224	-0.36987	-0.40765	0.698744	0.56005	DOWN	363.1082	363.105
8003	M218T17	1.208663	0.273412	0.403428	0.698838	0.560076	UP	218.1389	218.1387
8004	M476T7_2	1.468153	0.554003	0.403707	0.69904	0.560133	UP	476.3667	476.365
8005	M547T43	1.196513	0.258836	0.402167	0.69912	0.560155	UP	547.3463	547.3452
8006	M385T28_	1.329519	-0.4109	-0.40396	0.699166	0.560168	DOWN	385.2738	385.2734
8007	M491T24_	1.308363	-0.38776	-0.40214	0.699374	0.560226	DOWN	491.3268	491.3261
8008	M578T30	1.055682	0.078176	0.401898	0.699948	0.560385	UP	578.4172	578.4164
8009	M397T28	1.22617	-0.29416	-0.40288	0.699976	0.560393	DOWN	397.2351	397.2343
8010	M297T43	1.140775	-0.19001	-0.39991	0.700135	0.560437	DOWN	297.0824	297.082
8011	M342T25_	1.32722	-0.40841	-0.40595	0.700161	0.560444	DOWN	342.2278	342.2275
8012	M356T19_	1.333556	0.415279	0.399279	0.700332	0.560492	UP	355.9889	355.988
8013	M513T32	1.273853	0.349198	0.398999	0.700379	0.560505	UP	513.3982	513.3974
8014	M496T27_	1.254198	-0.32676	-0.40303	0.700549	0.560552	DOWN	496.3304	496.3295
8015	M313T22_	1.171948	-0.22891	-0.40384	0.700676	0.560587	DOWN	313.134	313.1331
8016	M451T23	1.280482	0.356687	0.4038	0.700785	0.560617	UP	451.1682	451.1677
8017	M363T11_	1.525554	-0.60933	-0.40082	0.700951	0.560664	DOWN	363.2467	363.2451
8018	M257T9_1	1.381484	0.466218	0.398362	0.700977	0.560671	UP	256.6349	256.6347
8019	M401T10_	1.275681	0.351267	0.399064	0.701134	0.560714	UP	400.832	400.823
8020	M830T11	1.40915	0.494826	0.398766	0.701271	0.560752	UP	830.3536	830.3516
8021	M301T21	1.188208	0.248787	0.398415	0.70129	0.560757	UP	301.2079	301.2076
8022	M279T18	1.293259	0.371011	0.398139	0.701534	0.560825	UP	279.0999	279.0994
8023	M608T9	1.2891	0.366364	0.402568	0.701773	0.560891	UP	608.3858	608.3839
8024	M399T11_	1.289672	0.367005	0.400245	0.701825	0.560906	UP	398.7927	398.7921
8025	M370T18	1.190122	0.25111	0.39881	0.701831	0.560907	UP	370.0268	370.0257
8026	M184T18	1.215203	0.281198	0.398148	0.701853	0.560913	UP	184.1698	184.1693
8027	M206T19	1.316606	0.396824	0.397836	0.701895	0.560925	UP	205.9722	205.9721
8028	M488T13_	1.419605	0.50549	0.399603	0.701905	0.560928	UP	488.1734	488.1732
8029	M256T22	1.342252	-0.42466	-0.40415	0.702119	0.560987	DOWN	256.0846	256.0836
8030	M319T21	1.302074	0.380811	0.396361	0.702237	0.56102	UP	319.1056	319.105
8031	M233T25	1.308936	-0.38839	-0.4031	0.702796	0.561174	DOWN	233.2111	233.2107
8032	M325T17_	1.378815	0.463429	0.406308	0.702905	0.561204	UP	324.9694	324.9688
8033	M532T21	1.262827	0.336657	0.396095	0.702939	0.561214	UP	532.1969	532.1968
8034	M300T22_	1.307905	-0.38726	-0.40516	0.7032	0.561286	DOWN	300.1102	300.11
8035	M1180T11	1.417559	-0.50341	-0.40045	0.703364	0.561331	DOWN	1179.537	1179.53
8036	M295T20_	1.212623	0.278131	0.394876	0.703385	0.561337	UP	295.1543	295.1538

8037	M412T21_	1.289591	0.366914	0.395785	0.703439	0.561352	UP	412.1576	412.1562
8038	M621T11_	1.267756	0.342277	0.397257	0.703565	0.561386	UP	621.4598	621.4584
8039	M541T26	1.429715	0.515727	0.399396	0.703856	0.561467	UP	541.1744	541.1743
8040	M222T28_	1.303796	-0.38272	-0.39351	0.704248	0.561575	DOWN	222.0747	222.0745
8041	M273T22	1.268222	0.342808	0.394511	0.704275	0.561582	UP	273.1153	273.1152
8042	M396T23	1.275086	-0.35059	-0.39926	0.704437	0.561627	DOWN	396.108	396.1072
8043	M244T13_	1.487354	-0.57275	-0.39514	0.704438	0.561627	DOWN	244.2062	244.2056
8044	M416T32_	1.442079	0.52815	0.397303	0.704586	0.561668	UP	415.6896	415.6891
8045	M349T10_	1.473608	0.559353	0.393689	0.704642	0.561683	UP	348.8819	348.8811
8046	M583T29_	1.430054	0.516069	0.394976	0.704685	0.561695	UP	583.2563	583.256
8047	M384T23_	1.253686	0.326176	0.393379	0.704754	0.561714	UP	384.1512	384.151
8048	M422T19_	1.261807	0.335491	0.396492	0.704838	0.561737	UP	422.3477	422.3473
8049	M571T11	1.530917	0.614396	0.393539	0.704953	0.561769	UP	571.2686	571.2677
8050	M684T10_	1.324219	-0.40514	-0.39253	0.705073	0.561802	DOWN	683.5251	683.5239
8051	M180T18	1.227582	0.29582	0.395175	0.705206	0.561838	UP	179.9937	179.9934
8052	M839T33	1.389083	0.474133	0.396665	0.705235	0.561846	UP	838.6246	838.6226
8053	M223T13	1.272701	0.347893	0.394272	0.705465	0.56191	UP	223.0054	223.0053
8054	M356T23	1.362261	-0.446	-0.39842	0.705548	0.561932	DOWN	356.0066	356.0062
8055	M597T10	1.259849	-0.33325	-0.39291	0.70566	0.561963	DOWN	597.3846	597.3833
8056	M504T11_	1.395311	0.480587	0.392716	0.706075	0.562077	UP	504.1689	504.1671
8057	M435T26_	1.306994	0.386252	0.390834	0.706481	0.562189	UP	435.2489	435.2488
8058	M415T20_	1.204994	0.269026	0.390703	0.706685	0.562245	UP	415.2457	415.2449
8059	M229T14	1.200379	0.26349	0.392206	0.706872	0.562296	UP	229.1436	229.1433
8060	M214T22	1.206892	0.271297	0.393325	0.706936	0.562314	UP	214.2532	214.2527
8061	M298T25	1.303403	-0.38228	-0.39479	0.707154	0.562373	DOWN	298.2744	298.2739
8062	M522T29	1.25247	-0.32478	-0.39366	0.707299	0.562413	DOWN	522.3464	522.3453
8063	M729T41	1.174026	-0.23146	-0.39377	0.707406	0.562442	DOWN	729.4566	729.4554
8064	M381T26_	1.346638	-0.42936	-0.39502	0.707726	0.56253	DOWN	381.1474	381.1472
8065	M759T18_	1.393543	0.478757	0.389229	0.707852	0.562564	UP	759.053	759.0528
8066	M315T10_	1.442431	-0.5285	-0.39214	0.708028	0.562613	DOWN	315.1782	315.1772
8067	M292T28_	1.257294	0.330322	0.388584	0.708056	0.56262	UP	292.2566	292.256
8068	M348T32	1.343376	-0.42586	-0.39205	0.708074	0.562625	DOWN	348.1215	348.1212
8069	M265T14	1.357815	0.441287	0.389772	0.708088	0.562629	UP	265.0838	265.0838
8070	M453T21_	1.283807	0.360428	0.388752	0.708391	0.562712	UP	453.1841	453.1828
8071	M907T10	1.35758	0.441037	0.388053	0.708402	0.562715	UP	906.682	906.6775
8072	M398T23_	1.436816	-0.52288	-0.39496	0.708521	0.562747	DOWN	398.406	398.4056
8073	M316T27_	1.288815	0.366046	0.387739	0.708522	0.562748	UP	316.3212	316.3208
8074	M286T18_	1.313403	-0.39331	-0.39987	0.708603	0.56277	DOWN	286.0942	286.094
8075	M752T29_	1.264078	0.338086	0.39075	0.70868	0.562791	UP	752.2179	752.2179
8076	M467T27_	1.262806	0.336633	0.389181	0.708681	0.562791	UP	467.1994	467.1992
8077	M762T34	1.263486	0.33741	0.388672	0.708683	0.562792	UP	761.5461	761.5442
8078	M655T10	1.346025	0.428705	0.388528	0.708734	0.562806	UP	655.4417	655.4396
8079	M700T24	1.160119	-0.21427	-0.38877	0.708805	0.562825	DOWN	700.4276	700.4262
8080	M1069T29	1.308679	-0.38811	-0.39145	0.708835	0.562833	DOWN	1069.491	1069.489
8081	M381T24	1.41651	-0.50234	-0.39888	0.709189	0.56293	DOWN	381.2022	381.2015
8082	M506T27	1.188595	-0.24926	-0.38955	0.709326	0.562967	DOWN	506.3242	506.3238
8083	M993T11	1.430046	0.516062	0.387423	0.709755	0.563085	UP	993.4712	993.4686

8084	M423T10_	1.293287	0.371043	0.385937	0.709784	0.563092	UP	423.2462	423.2452
8085	M440T31_	1.354805	-0.43809	-0.39151	0.709849	0.56311	DOWN	440.2187	440.2182
8086	M199T20	1.111565	0.152592	0.388622	0.709861	0.563114	UP	199.1695	199.169
8087	M255T10	1.318774	0.399198	0.386022	0.709905	0.563126	UP	254.6274	254.6272
8088	M808T34	1.347731	0.430533	0.387728	0.710083	0.563174	UP	807.5776	807.577
8089	M332T16_	1.131755	0.178562	0.387222	0.710222	0.563212	UP	332.1862	332.1858
8090	M628T35	1.245603	0.316844	0.387408	0.710268	0.563224	UP	628.4635	628.4623
8091	M454T24_	1.378473	-0.46307	-0.39617	0.710459	0.563276	DOWN	454.2914	454.2903
8092	M429T29_	1.387376	0.472359	0.38968	0.710481	0.563282	UP	429.0492	429.0488
8093	M355T22	1.254384	0.326979	0.384717	0.710715	0.563346	UP	355.2888	355.288
8094	M717T35	1.249639	0.321511	0.386268	0.710787	0.563366	UP	716.5161	716.5147
8095	M713T20	1.408609	0.494271	0.387781	0.710814	0.563373	UP	712.901	712.9008
8096	M673T28	1.245077	0.316235	0.384735	0.710868	0.563388	UP	673.2482	673.2475
8097	M639T41	1.209319	-0.2742	-0.38415	0.710877	0.56339	DOWN	639.3123	639.3111
8098	M488T27	1.334729	0.416546	0.384318	0.710879	0.563391	UP	488.1555	488.155
8099	M360T22_	1.25547	-0.32823	-0.38534	0.71116	0.563467	DOWN	360.3306	360.3303
8100	M543T27_	1.26799	0.342544	0.38466	0.711395	0.563531	UP	543.3936	543.3933
8101	M233T17	1.15236	0.204591	0.383274	0.711503	0.563561	UP	233.1749	233.1744
8102	M224T23	1.226931	0.295054	0.385128	0.711753	0.563629	UP	224.2122	224.2117
8103	M581T26	1.42329	0.50923	0.388583	0.711888	0.563665	UP	581.1979	581.1967
8104	M752T41	1.20848	-0.27319	-0.38626	0.711969	0.563687	DOWN	752.442	752.4409
8105	M161T33_	1.228792	0.297241	0.383305	0.712004	0.563697	UP	161.0808	161.0805
8106	M424T10_	1.308323	0.387719	0.382567	0.712152	0.563737	UP	424.3453	424.3444
8107	M187T36	1.050469	-0.07103	-0.38412	0.712177	0.563744	DOWN	187.1117	187.1117
8108	M644T28	1.217963	0.284471	0.382871	0.712319	0.563782	UP	644.2657	644.2649
8109	M366T16	1.309095	0.38857	0.38185	0.712678	0.56388	UP	366.1478	366.1477
8110	M241T33	1.158954	-0.21282	-0.38178	0.713012	0.56397	DOWN	241.272	241.2718
8111	M576T25_	1.274423	0.349844	0.384621	0.71315	0.564008	UP	576.39	576.3885
8112	M245T9	1.36591	0.449862	0.381037	0.713269	0.56404	UP	245.1301	245.1292
8113	M381T26_	1.25166	0.323843	0.382286	0.71337	0.564067	UP	381.2985	381.2978
8114	M518T37	1.100157	0.13771	0.381341	0.713733	0.564166	UP	518.3194	518.3184
8115	M595T23	1.452209	-0.53825	-0.38848	0.713751	0.564171	DOWN	595.3752	595.3743
8116	M311T11	1.19736	0.259857	0.380262	0.713799	0.564184	UP	311.0906	311.0904
8117	M672T35	1.243983	0.314967	0.381881	0.714009	0.56424	UP	672.4897	672.4885
8118	M276T18	1.390879	0.475997	0.384166	0.714037	0.564248	UP	276.1023	276.1014
8119	M298T22_	1.309291	-0.38879	-0.38728	0.714226	0.564299	DOWN	298.1146	298.1142
8120	M526T32_	1.267468	-0.34195	-0.38353	0.714323	0.564325	DOWN	525.8377	525.8368
8121	M463T21_	1.242435	0.31317	0.382522	0.714557	0.564389	UP	463.3614	463.3602
8122	M228T9_2	1.147663	-0.1987	-0.38042	0.714732	0.564436	DOWN	228.1594	228.1589
8123	M283T16_	1.263095	0.336963	0.379471	0.71476	0.564443	UP	283.0955	283.0951
8124	M568T29_	1.272033	0.347136	0.382003	0.714862	0.564471	UP	568.3166	568.3097
8125	M434T17	1.127783	-0.17349	-0.37893	0.715102	0.564536	DOWN	434.2087	434.2084
8126	M314T38	1.061265	0.085784	0.378118	0.71529	0.564586	UP	314.3417	314.3413
8127	M371T10_	1.258192	0.331352	0.383926	0.715363	0.564606	UP	371.2165	371.2156
8128	M383T37	1.26569	0.339924	0.379895	0.715378	0.56461	UP	383.3712	383.371
8129	M381T21_	1.294906	0.372847	0.377399	0.715695	0.564696	UP	381.2515	381.2508
8130	M373T42	1.032566	-0.04623	-0.37818	0.715701	0.564698	DOWN	373.2376	373.2367

8131	M360T21	1.336913	0.418906	0.37751	0.715715	0.564701	UP	360.132	360.1311
8132	M483T18_	1.229393	0.297946	0.378001	0.715785	0.56472	UP	483.3909	483.3898
8133	M442T11_	1.338698	0.420831	0.378395	0.715917	0.564756	UP	442.3437	442.3424
8134	M702T22	1.390134	-0.47522	-0.38325	0.71693	0.565029	DOWN	702.1785	702.1779
8135	M264T20	1.279441	0.355513	0.378669	0.716967	0.565039	UP	264.1047	264.1046
8136	M498T31_	1.193108	0.254725	0.375575	0.71703	0.565055	UP	498.3786	498.3784
8137	M299T18_	1.383556	0.468381	0.378883	0.717157	0.56509	UP	299.1183	299.1175
8138	M294T22_	1.295227	0.373205	0.376078	0.717347	0.565141	UP	293.6452	293.6449
8139	M321T21	1.303776	0.382696	0.375055	0.717393	0.565153	UP	321.101	321.1009
8140	M336T9	1.208912	-0.27371	-0.3748	0.717582	0.565204	DOWN	336.2285	336.2275
8141	M830T43	1.106836	0.146441	0.375029	0.71769	0.565233	UP	829.6103	829.6101
8142	M299T31	1.389932	0.475015	0.380665	0.717812	0.565266	UP	299.3501	299.3498
8143	M269T31_	1.153534	-0.20606	-0.37889	0.717864	0.56528	DOWN	269.2477	269.2475
8144	M724T31_	1.303322	0.382193	0.37658	0.718193	0.565368	UP	723.5886	723.5875
8145	M328T27_	1.23109	-0.29994	-0.37884	0.718211	0.565373	DOWN	328.0817	328.0813
8146	M435T9_3	1.222833	-0.29023	-0.37398	0.718331	0.565405	DOWN	435.3336	435.3324
8147	M678T18	1.321223	0.401874	0.374439	0.718555	0.565466	UP	677.9467	677.9453
8148	M572T29_	1.293801	0.371616	0.373562	0.718719	0.56551	UP	571.8011	571.8002
8149	M356T22_	1.213019	0.278602	0.376629	0.718722	0.56551	UP	356.2928	356.2922
8150	M528T27	1.297069	-0.37526	-0.37859	0.719002	0.565585	DOWN	528.1565	528.1561
8151	M398T27_	1.258721	-0.33196	-0.37818	0.719073	0.565604	DOWN	398.3055	398.305
8152	M525T32_	1.28688	-0.36388	-0.37723	0.71913	0.56562	DOWN	525.3638	525.3632
8153	M540T26_	1.408485	0.494144	0.377313	0.719594	0.565744	UP	540.1713	540.171
8154	M275T19	1.276866	0.352607	0.371975	0.719623	0.565752	UP	275.2566	275.2564
8155	M587T29_	1.354386	0.437639	0.372394	0.719688	0.565769	UP	586.7613	586.7608
8156	M200T33_	1.195358	0.257442	0.372348	0.7197	0.565772	UP	200.1726	200.1723
8157	M377T25	1.314642	-0.39467	-0.37808	0.719913	0.565829	DOWN	377.196	377.1955
8158	M502T20_	1.234151	0.303519	0.372403	0.719958	0.565841	UP	502.4046	502.4034
8159	M753T35	1.238232	0.308282	0.378538	0.720078	0.565874	UP	752.6237	752.6225
8160	M333T33	1.123583	0.168106	0.371156	0.72026	0.565922	UP	333.3347	333.3341
8161	M632T10_	1.431457	0.517484	0.371995	0.72033	0.565941	UP	632.1721	632.1717
8162	M482T24_	1.299371	0.377813	0.372807	0.720384	0.565956	UP	482.0562	482.0558
8163	M641T17_	1.192507	0.253998	0.370996	0.720411	0.565963	UP	641.4619	641.4603
8164	M288T22_	1.226336	0.294354	0.371704	0.720454	0.565974	UP	288.29	288.2894
8165	M382T10_	1.325782	0.406844	0.374198	0.720849	0.56608	UP	382.3433	382.342
8166	M554T20	1.426711	0.512693	0.375116	0.721037	0.56613	UP	554.3128	554.3122
8167	M247T16	1.324784	-0.40576	-0.37161	0.721056	0.566135	DOWN	247.1782	247.178
8168	M379T29_	1.224044	0.291656	0.371477	0.721217	0.566178	UP	379.3055	379.305
8169	M427T17	1.249771	-0.32166	-0.37408	0.721909	0.566363	DOWN	427.1866	427.1855
8170	M295T9_3	1.290663	0.368112	0.3728	0.721909	0.566363	UP	295.1955	295.195
8171	M753T11_	1.408643	0.494306	0.370986	0.72206	0.566403	UP	753.3903	753.389
8172	M564T9_2	1.285493	-0.36232	-0.36919	0.722392	0.566492	DOWN	564.3591	564.3579
8173	M401T10_	1.273592	0.348903	0.367676	0.722698	0.566573	UP	401.1147	401.1058
8174	M554T19	1.346104	0.42879	0.368787	0.723042	0.566665	UP	554.0063	554.0058
8175	M299T18_	1.196255	-0.25853	-0.37126	0.723075	0.566674	DOWN	299.183	299.1823
8176	M493T11	1.167188	0.223037	0.366869	0.723232	0.566715	UP	493.1753	493.1741
8177	M571T29_	1.276669	0.352384	0.369242	0.723323	0.56674	UP	571.349	571.3476

8178	M299T30_	1.296326	-0.37443	-0.36692	0.723358	0.566749	DOWN	299.201	299.2006
8179	M591T11_	1.390391	0.475491	0.366687	0.723429	0.566768	UP	590.8067	590.7978
8180	M299T22_	1.299866	-0.37836	-0.37392	0.723457	0.566775	DOWN	299.1066	299.1059
8181	M752T11_	1.403053	0.488569	0.369538	0.723465	0.566777	UP	752.3878	752.3863
8182	M369T34	1.303906	-0.38284	-0.37668	0.723582	0.566808	DOWN	369.1252	369.1248
8183	M365T40_	1.213731	0.279449	0.366361	0.723621	0.566819	UP	365.3892	365.3887
8184	M718T35	1.243519	0.314429	0.368152	0.723716	0.566844	UP	717.5195	717.5181
8185	M456T9_3	1.21088	-0.27606	-0.36611	0.723822	0.566872	DOWN	456.3526	456.3506
8186	M361T28_	1.295348	-0.37334	-0.3685	0.724069	0.566938	DOWN	361.2739	361.2734
8187	M316T27_	1.266506	-0.34085	-0.36994	0.724233	0.566981	DOWN	316.1991	316.1986
8188	M701T10_	1.317581	0.397891	0.366165	0.72424	0.566983	UP	701.4941	701.4925
8189	M548T33_	1.236772	-0.30658	-0.36924	0.724733	0.567114	DOWN	548.3712	548.3703
8190	M312T24	1.219142	0.285866	0.366444	0.724913	0.567162	UP	311.7179	311.7175
8191	M419T25	1.275381	-0.35093	-0.37079	0.724925	0.567165	DOWN	419.2793	419.2785
8192	M548T28_	1.241316	0.311871	0.366671	0.725429	0.567299	UP	548.2438	548.2429
8193	M417T21_	1.272075	0.347184	0.364496	0.725515	0.567321	UP	417.1365	417.1351
8194	M619T11	1.367447	0.451485	0.368338	0.725523	0.567324	UP	619.2586	619.2576
8195	M165T26_	1.218392	0.284978	0.364591	0.725665	0.567361	UP	165.0911	165.0908
8196	M601T18_	1.25557	0.328342	0.368207	0.725736	0.56738	UP	601.0369	601.0367
8197	M496T30_	1.145701	-0.19623	-0.36336	0.725761	0.567387	DOWN	496.3398	496.3389
8198	M327T20_	1.162844	-0.21766	-0.36717	0.725772	0.56739	DOWN	327.0085	327.0078
8199	M202T9_2	1.286017	-0.36291	-0.36349	0.725854	0.567411	DOWN	202.1801	202.18
8200	M347T21_	1.58793	0.667147	0.364752	0.726034	0.567459	UP	347.2166	347.2117
8201	M375T17	1.233504	0.302762	0.363824	0.726134	0.567485	UP	375.2103	375.2091
8202	M568T31_	1.177513	0.235743	0.364183	0.726203	0.567504	UP	567.9098	567.9097
8203	M643T29_	1.256607	0.329533	0.363185	0.726241	0.567514	UP	643.4632	643.4624
8204	M454T14	1.330157	0.411597	0.366931	0.726253	0.567517	UP	454.0223	454.0219
8205	M418T44_	1.068404	0.095457	0.365145	0.726298	0.567529	UP	418.243	418.2428
8206	M291T33_	1.217312	0.283699	0.366135	0.726745	0.567647	UP	291.2359	291.2357
8207	M360T9_3	1.369227	-0.45336	-0.36596	0.726785	0.567658	DOWN	360.2561	360.2548
8208	M415T24_	1.207155	-0.27161	-0.36723	0.72682	0.567667	DOWN	415.2116	415.2109
8209	M396T25	1.392293	-0.47746	-0.36646	0.727019	0.56772	DOWN	396.2505	396.2499
8210	M464T21	1.246508	0.317892	0.363443	0.727042	0.567725	UP	464.3648	464.3633
8211	M213T22_	1.213944	0.279702	0.36442	0.727117	0.567745	UP	213.0576	213.057
8212	M380T37	1.229927	-0.29857	-0.36835	0.727274	0.567787	DOWN	380.1983	380.1981
8213	M300T35	1.161498	0.215987	0.361469	0.727293	0.567792	UP	300.2899	300.2895
8214	M254T9_1	1.361723	0.445433	0.361892	0.727529	0.567854	UP	253.6367	253.6306
8215	M380T23_	1.138072	-0.18659	-0.36087	0.727579	0.567867	DOWN	380.2434	380.2433
8216	M500T14_	1.331836	0.413417	0.362599	0.727593	0.567871	UP	500.0486	500.0484
8217	M198T13	1.29304	0.370767	0.362028	0.727699	0.567899	UP	198.1853	198.1851
8218	M1068T29	1.237997	-0.30801	-0.36544	0.72795	0.567965	DOWN	1068.487	1068.485
8219	M389T21	1.28138	0.357699	0.360631	0.727969	0.56797	UP	389.1416	389.1404
8220	M256T9_1	1.401888	0.487371	0.3612	0.72804	0.567989	UP	255.6369	255.6363
8221	M655T41_	1.296554	-0.37468	-0.36022	0.728158	0.56802	DOWN	655.3053	655.2959
8222	M299T21_	1.198495	0.261223	0.361503	0.728199	0.568031	UP	299.201	299.2
8223	M468T29	1.232555	0.301652	0.360819	0.728691	0.568161	UP	468.3613	468.3605
8224	M574T30_	1.260322	-0.33379	-0.36142	0.728736	0.568173	DOWN	573.53	573.5292

8225	M278T12	1.230369	0.299091	0.359495	0.728777	0.568183	UP	278.1907	278.19
8226	M410T28_	1.242675	-0.31345	-0.36176	0.72881	0.568192	DOWN	410.1236	410.1228
8227	M453T9_8	1.342056	0.424444	0.364678	0.728886	0.568212	UP	453.3697	453.3658
8228	M317T31	1.171809	-0.22874	-0.36019	0.728939	0.568226	DOWN	317.1151	317.1145
8229	M349T20	1.285094	0.361874	0.360337	0.729151	0.568282	UP	349.1212	349.1207
8230	M422T40	1.110038	-0.15061	-0.36034	0.729153	0.568282	DOWN	422.2902	422.29
8231	M524T32	1.251883	-0.3241	-0.36087	0.729417	0.568352	DOWN	524.3617	524.3607
8232	M621T32	1.290757	-0.36822	-0.35872	0.729445	0.568359	DOWN	621.2734	621.272
8233	M338T24_	1.315013	-0.39508	-0.36697	0.729574	0.568393	DOWN	338.1078	338.1074
8234	M396T30	1.201929	0.265351	0.358374	0.729722	0.568432	UP	396.3262	396.3259
8235	M229T29	1.210801	0.275962	0.35931	0.729872	0.568472	UP	229.2163	229.2159
8236	M278T32	1.242164	0.312856	0.357451	0.730015	0.568509	UP	278.2691	278.2686
8237	M541T7	1.432542	0.518577	0.357686	0.730045	0.568517	UP	541.2619	541.2613
8238	M357T19_	1.201887	0.265301	0.357353	0.730097	0.568531	UP	357.2904	357.2899
8239	M476T20_	1.220605	0.287596	0.357359	0.730138	0.568541	UP	476.2548	476.2546
8240	M701T22	1.37765	-0.46221	-0.36449	0.730303	0.568585	DOWN	701.1752	701.1748
8241	M749T32	1.240609	0.311048	0.358789	0.73036	0.5686	UP	748.5335	748.5319
8242	M573T44	1.07869	0.109281	0.359308	0.730468	0.568628	UP	573.4164	573.4159
8243	M827T11	1.399581	0.484995	0.356922	0.730706	0.568691	UP	827.3582	827.3525
8244	M543T31	1.2727	-0.34789	-0.36291	0.730761	0.568705	DOWN	542.6676	542.6668
8245	M396T32_	1.299874	-0.37837	-0.3617	0.730872	0.568734	DOWN	396.2899	396.2892
8246	M357T17	1.250711	0.322749	0.356562	0.73094	0.568752	UP	357.0099	357.0095
8247	M826T11_	1.393783	0.479006	0.357233	0.731261	0.568836	UP	826.3566	826.3533
8248	M291T19	1.196423	-0.25873	-0.35708	0.731267	0.568838	DOWN	291.2533	291.2528
8249	M241T20	1.225818	-0.29375	-0.36043	0.731285	0.568842	DOWN	241.0557	241.0552
8250	M425T40	1.129829	-0.1761	-0.35671	0.731344	0.568858	DOWN	425.2874	425.2865
8251	M460T23_	1.381857	0.466608	0.359325	0.731523	0.568905	UP	460.342	460.3415
8252	M611T11_	1.332716	-0.41437	-0.35657	0.731609	0.568927	DOWN	611.4068	611.4057
8253	M293T9_2	1.448327	0.534388	0.355737	0.731781	0.568972	UP	293.0145	293.0139
8254	M399T21	1.275567	0.351139	0.354987	0.732082	0.569051	UP	399.1259	399.1249
8255	M157T6_2	1.278438	0.354382	0.356691	0.732411	0.569137	UP	157.0834	157.0833
8256	M379T23	1.195323	0.2574	0.354185	0.732472	0.569153	UP	379.296	379.2955
8257	M463T11	1.358186	0.441681	0.354834	0.73269	0.56921	UP	463.1422	463.1406
8258	M246T9_1	1.213321	-0.27896	-0.35546	0.732924	0.569272	DOWN	246.1304	246.1299
8259	M285T16_	1.266533	0.340885	0.35361	0.733012	0.569295	UP	285.091	285.0904
8260	M473T9_2	1.243752	-0.3147	-0.3547	0.733119	0.569323	DOWN	472.9286	472.9276
8261	M377T18	1.149631	0.201171	0.357811	0.733135	0.569327	UP	377.2499	377.2494
8262	M312T17_	1.220397	0.28735	0.354274	0.733145	0.569329	UP	312.1809	312.1804
8263	M642T31	1.233382	-0.30262	-0.35702	0.733341	0.56938	DOWN	641.5217	641.5214
8264	M530T32_	1.305957	-0.38511	-0.35613	0.733768	0.569492	DOWN	530.3244	530.3236
8265	M501T18	1.229484	0.298053	0.353366	0.733838	0.56951	UP	501.1115	501.1099
8266	M297T22_	1.273335	0.348612	0.353507	0.733948	0.569539	UP	296.5879	296.5877
8267	M484T18_	1.316662	0.396885	0.352731	0.733955	0.569541	UP	484.1087	484.1073
8268	M408T11_	1.229568	0.298151	0.354776	0.733971	0.569545	UP	407.798	407.7978
8269	M331T20_	1.150947	-0.20282	-0.35229	0.73503	0.569821	DOWN	331.0025	331.0023
8270	M394T16	1.280566	-0.35678	-0.35281	0.735089	0.569837	DOWN	393.993	393.9926
8271	M594T34	1.212696	-0.27822	-0.3532	0.735209	0.569868	DOWN	594.3763	594.3755

8272	M367T10_	1.325616	0.406663	0.350621	0.735213	0.569869	UP	366.8413	366.8409
8273	M265T15_	1.220371	0.28732	0.352411	0.73535	0.569904	UP	265.1913	265.191
8274	M384T10_	1.331843	0.413424	0.351737	0.735413	0.569921	UP	384.314	384.3127
8275	M347T22	1.235424	-0.30501	-0.35353	0.735533	0.569952	DOWN	347.2566	347.2559
8276	M510T20	1.183265	-0.24277	-0.35301	0.735648	0.569982	DOWN	510.3193	510.3182
8277	M350T43	1.051242	-0.0721	-0.3496	0.735666	0.569987	DOWN	350.2173	350.2167
8278	M399T27_	1.20961	0.274542	0.35091	0.735725	0.570002	UP	399.3583	399.3576
8279	M314T26_	1.221154	0.288245	0.352368	0.735765	0.570012	UP	314.1054	314.1051
8280	M332T28	1.344715	-0.4273	-0.35501	0.736321	0.570157	DOWN	332.3161	332.3156
8281	M525T18	1.317083	0.397346	0.34941	0.736444	0.570189	UP	525.1355	525.1346
8282	M431T25_	1.222638	0.289998	0.349489	0.736589	0.570227	UP	431.3747	431.3737
8283	M224T16_	1.233061	0.302244	0.349272	0.736608	0.570232	UP	224.2375	224.2373
8284	M238T9	1.303319	-0.38219	-0.35376	0.736686	0.570252	DOWN	238.1602	238.16
8285	M377T32_	1.21874	0.285391	0.349126	0.736719	0.57026	UP	377.29	377.2896
8286	M716T10_	1.293742	0.371549	0.349967	0.736833	0.57029	UP	715.5106	715.5074
8287	M440T31_	1.387634	0.472627	0.349447	0.737027	0.57034	UP	439.717	439.717
8288	M392T37	1.080672	-0.11193	-0.35494	0.737093	0.570358	DOWN	392.3159	392.3158
8289	M341T35_	1.212979	-0.27855	-0.34968	0.737423	0.570443	DOWN	341.2662	341.2658
8290	M831T10	1.372905	0.457232	0.348082	0.73745	0.57045	UP	831.4121	831.4089
8291	M505T11_	1.360391	0.444021	0.348227	0.737831	0.570549	UP	505.172	505.1704
8292	M453T9_7	1.23472	-0.30418	-0.34741	0.737976	0.570586	DOWN	453.3435	453.3416
8293	M353T16_	1.150778	0.202609	0.345817	0.738416	0.5707	UP	353.1456	353.1449
8294	M310T28_	1.198823	0.261619	0.346952	0.738477	0.570716	UP	310.2097	310.2091
8295	M561T34	1.178886	0.237425	0.346108	0.738585	0.570744	UP	561.369	561.3681
8296	M375T22	1.24129	0.31184	0.346171	0.738594	0.570746	UP	375.215	375.2145
8297	M472T20_	1.214716	0.280619	0.345895	0.739052	0.570865	UP	472.3748	472.3736
8298	M376T9_1	1.245262	0.316449	0.34717	0.739323	0.570935	UP	375.7188	375.7176
8299	M238T28	1.262806	0.336633	0.344618	0.739341	0.57094	UP	238.0522	238.0521
8300	M173T23	1.248661	-0.32038	-0.34848	0.739367	0.570946	DOWN	173.1729	173.1727
8301	M402T22_	1.237103	0.306965	0.349511	0.739434	0.570964	UP	402.015	402.0144
8302	M555T19	1.3026	0.381394	0.344352	0.739596	0.571006	UP	555.0036	555.0033
8303	M315T24_	1.207055	0.271492	0.345971	0.739628	0.571014	UP	314.9371	314.9366
8304	M374T22	1.257526	0.330588	0.3457	0.73967	0.571025	UP	374.0205	374.0198
8305	M245T13	1.242155	0.312845	0.344268	0.739723	0.571038	UP	245.1942	245.1937
8306	M197T20	1.164175	-0.21931	-0.35065	0.73977	0.57105	DOWN	197.1537	197.1536
8307	M753T11_	1.378248	0.462835	0.346346	0.739951	0.571097	UP	752.8893	752.8877
8308	M259T30_	1.256587	-0.32951	-0.34966	0.739968	0.571102	DOWN	259.1655	259.1654
8309	M332T10_	1.380825	-0.46553	-0.34771	0.739987	0.571106	DOWN	332.213	332.2127
8310	M598T23	1.226573	0.294633	0.344338	0.740008	0.571112	UP	598.2079	598.2068
8311	M488T18	1.330328	0.411782	0.344525	0.740019	0.571115	UP	488.1044	488.1039
8312	M360T24	1.22195	-0.28919	-0.34939	0.740169	0.571153	DOWN	360.2689	360.2686
8313	M264T9	1.380911	-0.46562	-0.34459	0.740273	0.57118	DOWN	263.684	263.6838
8314	M378T10_	1.369857	-0.45403	-0.35097	0.740431	0.571221	DOWN	378.211	378.2103
8315	M308T28_	1.222166	0.28944	0.343532	0.740482	0.571234	UP	308.2798	308.2793
8316	M166T23_	1.229713	-0.29832	-0.34717	0.74069	0.571288	DOWN	166.0864	166.0861
8317	M402T22_	1.242839	0.313639	0.350741	0.740796	0.571315	UP	402.2069	402.2069
8318	M367T30_	1.195997	0.258213	0.343316	0.740944	0.571353	UP	367.3319	367.3312

8319	M429T22	1.208201	0.272861	0.347389	0.740972	0.57136	UP	428.9231	428.923
8320	M280T25	1.147402	-0.19837	-0.34288	0.741102	0.571394	DOWN	280.1545	280.1541
8321	M815T11_	1.240402	0.310807	0.343303	0.74136	0.57146	UP	814.5899	814.5885
8322	M648T20	1.310343	0.389944	0.342099	0.741365	0.571462	UP	648.1769	648.1757
8323	M300T21	1.199329	0.262227	0.342776	0.741401	0.571471	UP	300.2044	300.2037
8324	M268T25_	1.191895	0.253257	0.343832	0.741428	0.571478	UP	268.2635	268.263
8325	M415T19_	1.187804	0.248297	0.341578	0.741469	0.571488	UP	415.2457	415.2443
8326	M389T23_	1.22682	0.294924	0.342674	0.741469	0.571489	UP	388.5592	388.5588
8327	M451T24_	1.222331	0.289635	0.344607	0.741573	0.571515	UP	451.1886	451.1882
8328	M305T23_	1.283453	-0.36003	-0.34797	0.741663	0.571538	DOWN	305.2882	305.2877
8329	M559T32	1.189984	0.250942	0.341834	0.741752	0.571561	UP	559.4471	559.4466
8330	M838T33	1.275577	0.35115	0.342974	0.741891	0.571597	UP	837.621	837.6196
8331	M312T19_	1.219822	0.286671	0.342993	0.742017	0.57163	UP	312.1263	312.1258
8332	M357T24	1.246271	-0.31762	-0.34383	0.742039	0.571635	DOWN	357.3114	357.3111
8333	M312T26_	1.254658	0.327294	0.344832	0.742065	0.571642	UP	312.1302	312.1296
8334	M365T10_	1.198592	0.261341	0.342563	0.742106	0.571652	UP	365.233	365.2316
8335	M599T29_	1.227623	0.295867	0.341621	0.742195	0.571675	UP	599.4371	599.4363
8336	M237T19	1.178269	0.236669	0.343009	0.742196	0.571676	UP	237.1852	237.1847
8337	M1083T32	1.294531	-0.37243	-0.34398	0.742216	0.571681	DOWN	1082.504	1082.502
8338	M242T14	1.344389	-0.42695	-0.34893	0.742294	0.571701	DOWN	242.2844	242.2839
8339	M673T35	1.224089	0.291708	0.342397	0.742337	0.571712	UP	673.4931	673.4921
8340	M519T32_	1.235192	-0.30474	-0.3435	0.742558	0.571769	DOWN	518.908	518.9072
8341	M300T16	1.282703	0.359188	0.341048	0.742607	0.571781	UP	300.126	300.1256
8342	M439T18_	1.211744	-0.27708	-0.34567	0.742761	0.571821	DOWN	439.0157	439.0146
8343	M401T10_	1.613647	0.690325	0.343971	0.742778	0.571825	UP	401.2828	401.2774
8344	M358T17_	1.239288	0.309512	0.340122	0.742798	0.57183	UP	358.0021	358.0017
8345	M657T41	1.181232	-0.24029	-0.33963	0.742965	0.571873	DOWN	657.3415	657.34
8346	M269T30_	1.272241	0.347372	0.34391	0.743043	0.571893	UP	269.1572	269.1569
8347	M226T13_	1.235054	0.304574	0.339439	0.743165	0.571924	UP	226.1803	226.1799
8348	M280T31_	1.25592	-0.32874	-0.33975	0.743188	0.57193	DOWN	280.2636	280.2634
8349	M482T32_	1.245268	0.316457	0.345039	0.743398	0.571984	UP	482.3771	482.3766
8350	M236T9	1.366204	0.450172	0.339039	0.743479	0.572005	UP	236.1246	236.119
8351	M569T11	1.221627	0.288803	0.34117	0.743479	0.572005	UP	569.4069	569.4056
8352	M314T22	1.243642	0.314572	0.341066	0.74352	0.572015	UP	314.1418	314.1368
8353	M433T11_	1.332019	0.413615	0.340516	0.743592	0.572034	UP	432.7054	432.7044
8354	M555T29	1.220349	0.287293	0.340092	0.743624	0.572042	UP	555.4105	555.4094
8355	M485T16	1.354231	0.437474	0.341909	0.74367	0.572054	UP	485.1122	485.112
8356	M359T26_	1.349549	0.432477	0.340494	0.743739	0.572072	UP	359.2197	359.2195
8357	M1009T28	1.253647	0.326131	0.339262	0.743908	0.572115	UP	1008.775	1008.774
8358	M443T13	1.190524	0.251596	0.340049	0.74397	0.572131	UP	443.1253	443.1248
8359	M326T19	1.420875	0.506779	0.340292	0.74428	0.57221	UP	326.1418	326.1416
8360	M336T29	1.215503	0.281554	0.338507	0.744466	0.572258	UP	336.2827	336.2822
8361	M482T18	1.308603	0.388028	0.337708	0.744748	0.57233	UP	482.1135	482.1124
8362	M595T31_	1.151413	-0.2034	-0.33898	0.744916	0.572373	DOWN	595.2657	595.2568
8363	M663T18	1.311429	0.39114	0.339061	0.745113	0.572424	UP	662.9426	662.9412
8364	M387T31_	1.126416	0.171739	0.339603	0.745285	0.572467	UP	387.2112	387.2111
8365	M792T26_	1.215104	0.28108	0.337566	0.745537	0.572532	UP	792.2667	792.2649

8366	M587T22_	1.288446	0.365632	0.338328	0.745768	0.572591	UP	587.0542	587.0537
8367	M596T27_	1.221901	0.289127	0.338301	0.745772	0.572592	UP	596.2439	596.2429
8368	M241T25	1.216045	-0.2822	-0.34016	0.745975	0.572644	DOWN	241.2164	241.216
8369	M425T10_	1.282109	0.358519	0.335731	0.746131	0.572684	UP	425.2527	425.252
8370	M657T35	1.226629	0.294699	0.335812	0.746145	0.572687	UP	657.444	657.4433
8371	M560T21	1.259891	0.333299	0.335746	0.746163	0.572692	UP	560.0878	560.0875
8372	M474T15	1.341278	0.423608	0.337636	0.746182	0.572697	UP	474.1576	474.1567
8373	M437T25	1.269132	-0.34384	-0.34187	0.746418	0.572757	DOWN	437.1932	437.1929
8374	M752T11_	1.344026	0.426561	0.337928	0.746505	0.572779	UP	751.8938	751.8927
8375	M650T43_	1.072006	-0.10031	-0.33462	0.746525	0.572784	DOWN	650.4531	650.4527
8376	M264T28	1.23551	-0.30511	-0.33862	0.746546	0.57279	DOWN	264.2534	264.253
8377	M326T31_	1.214326	0.280155	0.333352	0.74744	0.573018	UP	326.2327	326.2322
8378	M393T19_	1.362266	0.446008	0.333501	0.747578	0.573053	UP	393.2772	393.2714
8379	M369T35	1.052794	-0.07422	-0.33527	0.747675	0.573077	DOWN	369.3841	369.3835
8380	M270T11	1.272176	0.347298	0.338383	0.748074	0.573179	UP	269.6146	269.6143
8381	M499T34_	1.223356	0.290845	0.332306	0.748216	0.573215	UP	499.355	499.3519
8382	M267T27_	1.206209	-0.27048	-0.33532	0.748338	0.573246	DOWN	267.1721	267.1718
8383	M192T14	1.209789	0.274755	0.332469	0.748375	0.573255	UP	192.1384	192.138
8384	M294T28_	1.193731	0.255478	0.332829	0.748589	0.57331	UP	294.2065	294.2061
8385	M240T12	1.384765	-0.46964	-0.33812	0.748604	0.573314	DOWN	240.1749	240.1747
8386	M198T16	1.266341	0.340666	0.332574	0.74862	0.573318	UP	198.149	198.1487
8387	M689T37_	1.085836	0.118806	0.336068	0.748997	0.573413	UP	688.5115	688.5111
8388	M268T25_	1.258698	-0.33193	-0.33437	0.749135	0.573449	DOWN	268.1778	268.1776
8389	M415T31	1.449253	-0.53531	-0.33543	0.749199	0.573465	DOWN	414.709	414.7088
8390	M451T22_	1.26927	0.343999	0.331012	0.749232	0.573473	UP	451.1781	451.178
8391	M441T18_	1.345343	0.427974	0.332475	0.7495	0.573541	UP	441.0868	441.0866
8392	M965T32	1.25689	-0.32986	-0.33735	0.749563	0.573557	DOWN	965.4425	965.4421
8393	M308T20	1.253261	0.325687	0.332501	0.7496	0.573567	UP	308.0947	308.0944
8394	M228T9_1	1.194961	-0.25696	-0.33851	0.749613	0.57357	DOWN	227.6767	227.6765
8395	M288T10	1.360127	-0.44374	-0.33291	0.749917	0.573647	DOWN	287.7193	287.7191
8396	M329T37	1.226994	-0.29513	-0.333	0.750089	0.573691	DOWN	329.3245	329.3242
8397	M601T24_	1.310406	-0.39001	-0.33519	0.750132	0.573701	DOWN	601.1142	601.114
8398	M226T25_	1.231321	-0.30021	-0.33412	0.750292	0.573742	DOWN	226.2166	226.2163
8399	M328T40	1.221735	0.288932	0.329123	0.750517	0.573799	UP	328.2201	328.2196
8400	M267T25	1.251035	-0.32312	-0.33302	0.750772	0.573864	DOWN	267.1745	267.1739
8401	M380T30_	1.116358	-0.1588	-0.32875	0.750797	0.57387	DOWN	380.2434	380.2432
8402	M789T45	1.049546	-0.06977	-0.32872	0.750875	0.57389	DOWN	788.6101	788.6086
8403	M758T18	1.392625	-0.47781	-0.33356	0.750892	0.573894	DOWN	758.2413	758.2409
8404	M699T22	1.358095	-0.44158	-0.33508	0.750918	0.573901	DOWN	699.1799	699.1795
8405	M646T30_	1.210574	0.275691	0.329108	0.751035	0.57393	UP	646.1713	646.1699
8406	M463T26_	1.335326	-0.41719	-0.33333	0.751115	0.57395	DOWN	463.051	463.0503
8407	M312T19_	1.270313	0.345184	0.328923	0.751262	0.573988	UP	311.9992	311.9991
8408	M588T21	1.338008	0.420086	0.329326	0.751287	0.573994	UP	588.3075	588.3072
8409	M259T40	1.205794	-0.26998	-0.33302	0.751292	0.573995	DOWN	259.1905	259.1903
8410	M484T18_	1.219777	0.286617	0.328826	0.751381	0.574018	UP	484.3938	484.3936
8411	M702T10_	1.360227	0.443848	0.32812	0.751476	0.574042	UP	702.0457	702.0358
8412	M244T13_	1.208497	0.273214	0.327806	0.751488	0.574045	UP	244.1909	244.1905

8413	M929T44	1.141142	-0.19048	-0.33201	0.751708	0.5741	DOWN	928.5865	928.5856
8414	M569T42_	1.071622	0.099796	0.332056	0.751768	0.574115	UP	569.0693	569.0689
8415	M369T29	1.152246	0.204448	0.33426	0.751828	0.574131	UP	369.2038	369.2036
8416	M577T11	1.329948	0.41137	0.331239	0.751832	0.574132	UP	577.2844	577.2841
8417	M1144T11	1.342189	0.424588	0.329231	0.751842	0.574134	UP	1143.566	1143.562
8418	M406T37	1.130696	0.177212	0.330041	0.751881	0.574144	UP	406.3319	406.3309
8419	M570T28_	1.122199	-0.16633	-0.33244	0.751952	0.574162	DOWN	570.3405	570.3398
8420	M323T19	1.141548	0.190992	0.327503	0.752183	0.57422	UP	323.2221	323.2213
8421	M656T41	1.176464	-0.23446	-0.32693	0.752205	0.574226	DOWN	656.3387	656.3373
8422	M255T33	1.118821	-0.16198	-0.32696	0.752356	0.574264	DOWN	255.2106	255.2105
8423	M372T9	1.323844	-0.40473	-0.32654	0.752457	0.57429	DOWN	372.2491	372.249
8424	M280T31_	1.44452	-0.53059	-0.33068	0.752633	0.574334	DOWN	280.2448	280.2442
8425	M545T29	1.185821	-0.24589	-0.32929	0.752773	0.574369	DOWN	545.3431	545.3422
8426	M511T29	1.20709	0.271534	0.327461	0.752887	0.574398	UP	511.384	511.3833
8427	M253T23	1.147895	0.198991	0.326624	0.753111	0.574455	UP	253.18	253.1797
8428	M879T35	1.286006	0.362898	0.32606	0.753171	0.57447	UP	878.6426	878.6414
8429	M666T29_	1.212361	-0.27782	-0.32734	0.753336	0.574511	DOWN	666.2303	666.23
8430	M317T21_	1.197166	0.259623	0.328169	0.753386	0.574524	UP	317.2117	317.2111
8431	M361T31	1.184036	0.243712	0.325255	0.753529	0.57456	UP	361.2221	361.2216
8432	M907T25	1.280383	0.356576	0.325036	0.753542	0.574563	UP	906.6374	906.6365
8433	M551T44_	1.185556	0.245564	0.325125	0.753782	0.574625	UP	551.1406	551.1398
8434	M348T17_	1.318957	-0.3994	-0.32972	0.754316	0.574764	DOWN	348.1099	348.1095
8435	M535T18	1.314011	0.393977	0.324011	0.75433	0.574768	UP	535.2726	535.2724
8436	M419T28_	1.197723	0.260294	0.324289	0.754628	0.574845	UP	419.3634	419.3625
8437	M438T9	1.254515	-0.32713	-0.32437	0.754644	0.574849	DOWN	438.2394	438.2388
8438	M415T21_	1.249395	0.321229	0.323738	0.754652	0.574851	UP	415.1412	415.1411
8439	M397T16	1.315704	0.395835	0.325537	0.754658	0.574853	UP	397.2853	397.2851
8440	M763T34	1.219661	0.28648	0.324648	0.754812	0.574892	UP	762.5488	762.5475
8441	M184T29	1.193092	-0.25471	-0.32556	0.754832	0.574898	DOWN	184.0733	184.073
8442	M365T22_	1.252016	0.324252	0.324482	0.755053	0.574955	UP	365.1051	365.1048
8443	M379T12_	1.49959	0.584568	0.323236	0.755735	0.575131	UP	379.1682	379.1669
8444	M373T10_	1.194857	-0.25684	-0.32192	0.755776	0.575142	DOWN	373.2142	373.2136
8445	M717T11	1.306936	0.386189	0.32223	0.755855	0.575163	UP	717.3312	717.3302
8446	M195T29	1.099845	-0.1373	-0.32181	0.755902	0.575175	DOWN	195.1227	195.1225
8447	M294T17	1.191122	0.252322	0.322174	0.756508	0.575331	UP	294.1703	294.1697
8448	M600T21	1.252699	0.32504	0.321443	0.756508	0.575331	UP	600.1182	600.1175
8449	M510T30	1.149474	-0.20097	-0.32116	0.756538	0.575339	DOWN	510.3459	510.345
8450	M333T29_	1.168173	-0.22425	-0.32193	0.756642	0.575366	DOWN	333.3195	333.3189
8451	M527T28	1.262945	-0.33679	-0.32352	0.756832	0.575415	DOWN	527.2963	527.2956
8452	M588T11	1.20485	0.268854	0.322634	0.757041	0.575469	UP	588.4212	588.4193
8453	M468T16	1.267825	0.342356	0.321403	0.757175	0.575503	UP	468.1665	468.1664
8454	M331T20_	1.239339	-0.30957	-0.32206	0.757239	0.57552	DOWN	331.2482	331.2475
8455	M309T31	1.154995	-0.20789	-0.32232	0.757316	0.57554	DOWN	309.2061	309.2059
8456	M270T39	1.228618	0.297037	0.321796	0.757403	0.575562	UP	270.2792	270.2787
8457	M599T18	1.24123	0.31177	0.319371	0.757638	0.575623	UP	599.2218	599.2208
8458	M403T35	1.116701	-0.15924	-0.32135	0.75765	0.575626	DOWN	403.2328	403.2323
8459	M560T29	1.249434	0.321275	0.319621	0.757804	0.575665	UP	559.8013	559.8009

8460	M309T28_	1.18461	0.244412	0.320229	0.757923	0.575696	UP	309.2064	309.2057
8461	M303T31_	1.198195	0.260862	0.320148	0.758351	0.575806	UP	303.1043	303.1042
8462	M193T20	1.185761	-0.24581	-0.32066	0.758376	0.575813	DOWN	193.1952	193.1949
8463	M335T24_	1.269703	0.344492	0.31987	0.758578	0.575865	UP	335.1828	335.1825
8464	M310T31_	1.103645	-0.14228	-0.31865	0.758646	0.575882	DOWN	310.1652	310.1651
8465	M334T33_	1.113626	0.155265	0.317727	0.758894	0.575946	UP	334.3379	334.3373
8466	M464T20_	1.191718	-0.25304	-0.32004	0.7589	0.575948	DOWN	464.314	464.3133
8467	M228T30	1.183004	0.242455	0.317742	0.759051	0.575986	UP	228.2323	228.232
8468	M274T33	1.175227	0.23294	0.317631	0.759053	0.575987	UP	274.2095	274.209
8469	M305T24_	1.197602	-0.26015	-0.32068	0.759525	0.576108	DOWN	305.1862	305.186
8470	M576T23_	1.238071	0.308094	0.31862	0.759909	0.576207	UP	575.9523	575.9521
8471	M299T21_	1.177608	0.235859	0.317124	0.760404	0.576334	UP	299.201	299.2003
8472	M705T9_1	1.281657	0.358011	0.31594	0.760695	0.576408	UP	704.5046	704.503
8473	M289T34	1.182846	0.242263	0.315878	0.760712	0.576413	UP	289.2528	289.2524
8474	M574T33_	1.211772	-0.27712	-0.31952	0.760885	0.576457	DOWN	574.378	574.3771
8475	M547T22_	1.204721	0.268699	0.314922	0.760914	0.576465	UP	547.1331	547.1316
8476	M742T32_	1.14649	0.197224	0.316807	0.761008	0.576489	UP	742.4955	742.4951
8477	M382T20	1.195435	0.257536	0.316028	0.761114	0.576516	UP	382.3431	382.3427
8478	M199T33_	1.16965	0.226077	0.314555	0.761315	0.576567	UP	199.1329	199.1325
8479	M371T43	1.092558	0.127709	0.314269	0.761363	0.57658	UP	371.1012	371.1006
8480	M370T26	1.188241	-0.24883	-0.31795	0.761452	0.576603	DOWN	370.2956	370.295
8481	M569T29_	1.178448	-0.23689	-0.31683	0.761534	0.576624	DOWN	569.3434	569.3423
8482	M440T27	1.187955	0.24848	0.315034	0.761544	0.576626	UP	440.3354	440.3348
8483	M329T15	1.307409	0.38671	0.316539	0.761562	0.576631	UP	329.0685	329.0677
8484	M553T32_	1.207295	0.271778	0.315043	0.761662	0.576656	UP	553.3949	553.3939
8485	M407T18_	1.269801	0.344603	0.312846	0.762401	0.576845	UP	407.135	407.1343
8486	M283T35	1.108895	0.149122	0.313051	0.762617	0.576901	UP	283.1751	283.1747
8487	M541T27	1.183535	-0.2431	-0.31543	0.76263	0.576904	DOWN	541.4689	541.4683
8488	M270T25_	1.204433	0.268354	0.312152	0.762907	0.576975	UP	270.2064	270.2059
8489	M361T22_	1.209794	0.274761	0.315825	0.76291	0.576975	UP	360.9883	360.9878
8490	M719T35	1.209986	0.27499	0.313766	0.763013	0.577002	UP	718.5224	718.521
8491	M458T19	1.184287	0.244019	0.312782	0.763091	0.577022	UP	458.3954	458.3949
8492	M358T26	1.222586	-0.28994	-0.31606	0.763094	0.577022	DOWN	358.2015	358.2009
8493	M893T11	1.346216	0.42891	0.311904	0.763191	0.577047	UP	893.3399	893.3373
8494	M720T35	1.231197	0.300061	0.313824	0.763207	0.577051	UP	719.5252	719.5238
8495	M399T9_2	1.230826	0.299627	0.314824	0.763212	0.577052	UP	399.26	399.2596
8496	M328T16	1.304451	0.383442	0.311172	0.763722	0.577183	UP	328.1211	328.121
8497	M327T21	1.140315	-0.18943	-0.31136	0.763786	0.577199	DOWN	327.0955	327.0953
8498	M629T35	1.2017	0.265077	0.312784	0.76395	0.577241	UP	629.467	629.4657
8499	M973T30	1.098124	0.135041	0.314286	0.76427	0.577322	UP	972.6472	972.6466
8500	M460T11	1.229272	0.297804	0.310389	0.764528	0.577388	UP	460.1643	460.1639
8501	M550T44_	1.076485	-0.10633	-0.31485	0.764564	0.577397	DOWN	550.4041	550.4037
8502	M380T29	1.193682	0.255418	0.311445	0.764581	0.577401	UP	380.3089	380.3082
8503	M315T38	1.07439	0.103518	0.309809	0.764653	0.57742	UP	315.1956	315.1953
8504	M587T11_	1.201466	0.264796	0.310898	0.765165	0.57755	UP	587.4178	587.4164
8505	M335T9_1	1.274426	-0.34985	-0.30887	0.765326	0.577591	DOWN	334.7296	334.7294
8506	M275T27_	1.187958	0.248484	0.31078	0.765349	0.577597	UP	275.1412	275.1411

8507	M635T29	1.311793	0.39154	0.315572	0.765424	0.577616	UP	635.251	635.2406
8508	M596T32	1.329071	0.410418	0.314564	0.765425	0.577616	UP	596.2339	596.2335
8509	M641T31_	1.227797	-0.29607	-0.31206	0.765449	0.577622	DOWN	641.2639	641.2638
8510	M577T25	1.216097	0.282259	0.314026	0.765508	0.577637	UP	577.3933	577.3927
8511	M150T31	1.188979	0.249724	0.310818	0.765585	0.577657	UP	150.0266	150.0263
8512	M221T28_	1.174077	0.231527	0.309558	0.765675	0.57768	UP	221.1173	221.117
8513	M521T18_	1.169482	0.22587	0.312041	0.765873	0.57773	UP	520.9495	520.9489
8514	M356T17	1.21712	0.283471	0.30886	0.765876	0.577731	UP	356.0067	356.0063
8515	M548T31_	1.170275	-0.22685	-0.30923	0.765885	0.577733	DOWN	548.3617	548.3609
8516	M674T35	1.206601	0.270949	0.310068	0.76598	0.577757	UP	674.4959	674.4946
8517	M413T21_	1.2307	0.299479	0.308177	0.76625	0.577826	UP	413.161	413.1609
8518	M295T28_	1.181423	0.240525	0.30817	0.766549	0.577902	UP	295.2099	295.2094
8519	M551T31_	1.332722	0.414376	0.307151	0.76671	0.577943	UP	551.2608	551.2603
8520	M421T12	1.223079	0.290518	0.30637	0.767147	0.578053	UP	421.2781	421.2778
8521	M1838T9	1.368513	0.452609	0.306502	0.7672	0.578067	UP	1837.514	1837.512
8522	M620T22	1.215172	0.281161	0.306262	0.767255	0.578081	UP	620.1757	620.1749
8523	M544T7	1.442441	0.528512	0.30656	0.767543	0.578154	UP	544.3163	544.3158
8524	M420T14	1.178837	0.237364	0.306289	0.767647	0.57818	UP	420.1292	420.1289
8525	M646T29	1.172416	0.229485	0.306697	0.767818	0.578223	UP	646.2656	646.2643
8526	M185T20	1.103442	-0.14201	-0.30588	0.768075	0.578288	DOWN	185.0961	185.096
8527	M196T17	1.24297	-0.31379	-0.31151	0.76808	0.57829	DOWN	196.0695	196.0693
8528	M315T27	1.201948	-0.26537	-0.30824	0.768172	0.578313	DOWN	315.1957	315.1952
8529	M289T33_	1.143754	-0.19378	-0.30487	0.768446	0.578382	DOWN	289.2376	289.2372
8530	M368T10_	1.402995	-0.48851	-0.31166	0.768451	0.578384	DOWN	367.7533	367.7443
8531	M1186T29	1.259367	-0.3327	-0.30764	0.768469	0.578388	DOWN	1186.158	1186.158
8532	M209T10	1.303995	0.382938	0.304519	0.76863	0.578429	UP	209.2015	209.201
8533	M541T29_	1.157471	-0.21098	-0.30678	0.768651	0.578434	DOWN	540.6725	540.6715
8534	M324T9_1	1.227171	-0.29534	-0.30602	0.768719	0.578452	DOWN	323.5277	323.5273
8535	M365T26_	1.342233	-0.42464	-0.31	0.768745	0.578458	DOWN	365.1412	365.141
8536	M557T22	1.27323	-0.34849	-0.30931	0.768943	0.578508	DOWN	557.1624	557.1621
8537	M374T9_2	1.17421	-0.23169	-0.30787	0.769012	0.578525	DOWN	374.237	374.2359
8538	M578T23	1.27892	0.354925	0.304966	0.769041	0.578533	UP	577.9478	577.9467
8539	M403T30_	1.216117	0.282282	0.303685	0.769117	0.578552	UP	402.5882	402.5878
8540	M349T34	1.160701	0.214996	0.30386	0.769185	0.578569	UP	349.2012	349.2007
8541	M471T10	1.256041	0.328884	0.304327	0.769193	0.578571	UP	471.3167	471.3157
8542	M454T32_	1.235219	0.304767	0.307051	0.769309	0.5786	UP	454.0511	454.0502
8543	M423T43	1.04073	0.057596	0.303717	0.769402	0.578624	UP	423.1123	423.1117
8544	M458T21_	1.224794	0.292539	0.303815	0.769578	0.578668	UP	458.163	458.1619
8545	M485T18	1.281006	0.357277	0.303897	0.769592	0.578672	UP	485.1118	485.1115
8546	M650T41_	1.192221	-0.25365	-0.30297	0.769638	0.578684	DOWN	650.4646	650.463
8547	M368T23	1.202232	-0.26571	-0.30711	0.769889	0.578747	DOWN	368.2799	368.2796
8548	M680T16_	1.249865	0.321772	0.306789	0.769967	0.578767	UP	679.5125	679.511
8549	M598T31_	1.117134	0.159802	0.302709	0.770046	0.578787	UP	598.2645	598.2635
8550	M533T11	1.389644	0.474716	0.302111	0.77028	0.578845	UP	533.2216	533.2205
8551	M565T9_2	1.16193	-0.21652	-0.30255	0.770445	0.578887	DOWN	565.3626	565.3586
8552	M454T27_	1.158949	-0.21282	-0.3031	0.770693	0.57895	DOWN	454.3293	454.3285
8553	M726T31	1.237598	0.307543	0.303641	0.770861	0.578992	UP	725.5951	725.5942

8554	M225T16_	1.21031	0.275377	0.301606	0.770903	0.579003	UP	225.0799	225.0797
8555	M266T23_	1.168938	-0.2252	-0.30523	0.770979	0.579022	DOWN	266.1389	266.1387
8556	M323T18	1.219297	0.286049	0.300776	0.77141	0.57913	UP	323.289	323.2887
8557	M393T19_	1.245447	-0.31666	-0.3043	0.771493	0.579151	DOWN	393.3804	393.3725
8558	M559T19	1.162032	0.216649	0.300827	0.771576	0.579172	UP	559.4071	559.4059
8559	M443T18_	1.281246	0.357547	0.30094	0.771583	0.579174	UP	443.0821	443.0815
8560	M567T35	1.204675	0.268644	0.301814	0.77159	0.579175	UP	567.4105	567.4097
8561	M427T20_	1.313699	0.393635	0.301966	0.771724	0.579209	UP	426.9333	426.9332
8562	M284T33	1.0669	-0.09343	-0.30287	0.771773	0.579222	DOWN	284.3312	284.3308
8563	M764T27	1.238974	-0.30915	-0.30113	0.771989	0.579276	DOWN	763.5259	763.5247
8564	M655T35	1.216279	0.282474	0.301262	0.772012	0.579282	UP	655.4634	655.4627
8565	M274T30_	1.306106	0.385272	0.304621	0.772043	0.579289	UP	274.0528	274.0527
8566	M327T13_	1.295146	0.373115	0.30176	0.772153	0.579317	UP	326.939	326.9388
8567	M503T28	1.238484	-0.30858	-0.30174	0.772271	0.579347	DOWN	503.2963	503.2956
8568	M571T17	1.30773	0.387065	0.299748	0.772717	0.579459	UP	571.0329	571.0325
8569	M498T27_	1.17382	-0.23121	-0.30021	0.772838	0.579489	DOWN	497.5296	497.5285
8570	M401T21_	1.215163	-0.28115	-0.30209	0.773154	0.579569	DOWN	401.3574	401.357
8571	M315T24_	1.219298	-0.28605	-0.30251	0.773184	0.579576	DOWN	315.1954	315.1954
8572	M523T18	1.285019	0.36179	0.298685	0.773672	0.579698	UP	523.1401	523.1395
8573	M630T35	1.199047	0.261888	0.298942	0.773998	0.57978	UP	630.4697	630.4685
8574	M661T9_1	1.406367	-0.49197	-0.30235	0.774193	0.579829	DOWN	660.5062	660.5017
8575	M312T38	1.058292	-0.08174	-0.29865	0.774204	0.579832	DOWN	312.3625	312.3619
8576	M297T22_	1.227896	-0.29619	-0.30204	0.774334	0.579864	DOWN	297.1113	297.1104
8577	M326T35	1.126836	0.172278	0.29759	0.774354	0.579869	UP	326.3783	326.3776
8578	M259T30_	1.186754	0.24702	0.296972	0.774471	0.579898	UP	259.1905	259.1903
8579	M236T19_	1.174032	0.231472	0.296484	0.77449	0.579903	UP	236.1299	236.1298
8580	M444T10	1.200025	0.263064	0.299084	0.774714	0.579959	UP	444.3387	444.3368
8581	M495T27_	1.184224	-0.24394	-0.2987	0.774793	0.579979	DOWN	495.3277	495.3268
8582	M372T34	1.258302	-0.33148	-0.30155	0.774806	0.579982	DOWN	372.2899	372.2891
8583	M524T31_	1.226776	-0.29487	-0.29588	0.774857	0.579995	DOWN	524.2999	524.2982
8584	M309T28_	1.203154	0.266822	0.296386	0.774882	0.580001	UP	309.2831	309.2824
8585	M394T31	1.193595	-0.25531	-0.29748	0.774885	0.580002	DOWN	394.2741	394.2738
8586	M411T19	1.153902	0.206521	0.297763	0.774962	0.580021	UP	411.3413	411.3409
8587	M483T20_	1.178751	0.237259	0.296536	0.775052	0.580044	UP	483.3909	483.3897
8588	M553T27	1.257469	-0.33052	-0.30082	0.775145	0.580067	DOWN	553.022	553.0213
8589	M697T10_	1.294674	0.372589	0.295123	0.775415	0.580135	UP	697.4638	697.4625
8590	M330T28_	1.349157	-0.43206	-0.29514	0.775415	0.580135	DOWN	330.0046	330.0038
8591	M385T23_	1.161738	0.216285	0.296639	0.775516	0.58016	UP	385.3424	385.3418
8592	M318T32	1.171164	0.227943	0.29554	0.775645	0.580192	UP	318.2642	318.2641
8593	M483T16	1.15699	0.210376	0.294738	0.775744	0.580217	UP	483.3431	483.3419
8594	M554T27_	1.26081	-0.33435	-0.29937	0.775982	0.580276	DOWN	554.0255	554.0249
8595	M457T20	1.28565	0.362498	0.294469	0.776096	0.580305	UP	457.0593	457.0591
8596	M400T21_	1.235262	0.304817	0.294457	0.7761	0.580306	UP	400.1293	400.1289
8597	M301T31_	1.200692	-0.26387	-0.29723	0.776204	0.580332	DOWN	301.1588	301.1582
8598	M333T37_	1.232439	-0.30152	-0.29792	0.77628	0.580351	DOWN	333.2762	333.2753
8599	M376T28_	1.164307	-0.21947	-0.29642	0.776357	0.58037	DOWN	376.285	376.2844
8600	M524T35_	1.189722	-0.25062	-0.29596	0.776456	0.580395	DOWN	524.3874	524.3868

8601	M812T23	1.266406	-0.34074	-0.2957	0.776531	0.580413	DOWN	812.0794	812.079
8602	M691T10_	1.229497	0.298069	0.293244	0.776815	0.580484	UP	691.005	691.0038
8603	M256T9_2	1.303203	0.382062	0.293434	0.776927	0.580512	UP	256.133	256.1323
8604	M297T27	1.183901	-0.24355	-0.29579	0.777408	0.580632	DOWN	297.2427	297.2422
8605	M814T11	1.193791	0.25555	0.293589	0.77767	0.580697	UP	813.5861	813.585
8606	M816T11_	1.345507	-0.42815	-0.29829	0.777802	0.58073	DOWN	816.3277	816.3248
8607	M342T9_1	1.225056	0.292847	0.291428	0.778182	0.580824	UP	341.5826	341.582
8608	M353T29	1.188128	0.248691	0.291939	0.778494	0.580902	UP	353.3092	353.3086
8609	M657T18	1.261165	0.334757	0.291604	0.778629	0.580936	UP	657.1325	657.1323
8610	M728T21	1.244357	-0.3154	-0.29239	0.778802	0.580979	DOWN	728.363	728.3625
8611	M237T9	1.288337	0.36551	0.290175	0.77912	0.581058	UP	236.6265	236.6262
8612	M361T27_	1.170333	-0.22692	-0.29292	0.779127	0.58106	DOWN	361.2852	361.2847
8613	M529T24_	1.208569	0.2733	0.29055	0.779216	0.581082	UP	529.4326	529.432
8614	M270T13_	1.152703	0.205021	0.291403	0.779237	0.581087	UP	270.2065	270.2063
8615	M289T22	1.185875	0.245952	0.29029	0.779284	0.581098	UP	289.2934	289.2927
8616	M411T32_	1.172843	-0.23001	-0.28985	0.779305	0.581104	DOWN	411.3257	411.3256
8617	M495T31_	1.123841	-0.16844	-0.29081	0.779316	0.581106	DOWN	494.7779	494.7774
8618	M298T31_	1.295418	0.373418	0.293296	0.779447	0.581139	UP	298.3468	298.3464
8619	M308T15	1.248848	-0.3206	-0.29063	0.77948	0.581147	DOWN	308.0899	308.0891
8620	M983T27	1.185814	-0.24588	-0.29187	0.779494	0.581151	DOWN	983.4544	983.4531
8621	M275T32_	1.17353	0.230854	0.289949	0.779533	0.58116	UP	275.2131	275.2127
8622	M322T11	1.331939	-0.41353	-0.29366	0.779647	0.581188	DOWN	321.6737	321.6735
8623	M270T30	1.163868	0.218927	0.290448	0.779859	0.581241	UP	270.251	270.2504
8624	M479T36	1.187796	0.248287	0.290389	0.779944	0.581262	UP	479.358	479.3575
8625	M328T19	1.159947	-0.21406	-0.29268	0.780068	0.581293	DOWN	328.2122	328.2119
8626	M309T26_	1.205893	-0.2701	-0.29326	0.780538	0.581409	DOWN	309.2064	309.2057
8627	M631T35	1.244765	-0.31587	-0.29134	0.780639	0.581434	DOWN	631.4718	631.471
8628	M560T32_	1.154047	-0.2067	-0.28857	0.780707	0.581451	DOWN	560.4505	560.4501
8629	M277T28_	1.164834	0.220125	0.28881	0.780797	0.581474	UP	277.18	277.1795
8630	M579T22	1.330096	-0.41153	-0.28828	0.781069	0.581541	DOWN	579.0208	579.0201
8631	M630T20	1.205499	-0.26963	-0.28912	0.781338	0.581608	DOWN	630.4432	630.4426
8632	M378T10_	1.324953	0.405941	0.286891	0.781652	0.581685	UP	378.1513	378.1511
8633	M244T23_	1.177761	-0.23605	-0.2881	0.781736	0.581706	DOWN	244.0097	244.0094
8634	M415T23_	1.11924	0.162519	0.289098	0.781797	0.581721	UP	415.2116	415.2107
8635	M583T29_	1.180702	0.239644	0.288571	0.781909	0.581749	UP	583.2528	583.2521
8636	M332T15	1.145329	0.195762	0.28729	0.782035	0.58178	UP	332.2224	332.2223
8637	M493T20	1.184273	0.244002	0.286085	0.782145	0.581807	UP	493.3061	493.3058
8638	M642T17_	1.149611	0.201146	0.286313	0.782196	0.58182	UP	642.4654	642.4638
8639	M513T10	1.17047	-0.22709	-0.28597	0.782293	0.581844	DOWN	513.1794	513.1781
8640	M411T37	1.12244	0.166638	0.285272	0.782687	0.581941	UP	411.2193	411.2138
8641	M462T23_	1.207889	0.272488	0.285029	0.782891	0.581991	UP	462.3531	462.3524
8642	M255T22_	1.230135	0.298817	0.285734	0.782911	0.581996	UP	255.2639	255.2637
8643	M951T25	1.25237	0.32466	0.28488	0.782984	0.582014	UP	950.6641	950.6629
8644	M301T10	1.238882	0.309039	0.284947	0.782991	0.582016	UP	301.1627	301.1626
8645	M174T12	1.175262	0.232983	0.287121	0.783068	0.582035	UP	174.149	174.1488
8646	M688T26_	1.200098	-0.26315	-0.28859	0.783476	0.582135	DOWN	687.543	687.5417
8647	M249T27_	1.168369	0.224495	0.28554	0.78353	0.582149	UP	249.1851	249.1846

8648	M386T23_	1.156323	0.209544	0.285157	0.783935	0.582249	UP	386.3457	386.3452
8649	M770T10	1.29649	0.374611	0.28382	0.784099	0.582289	UP	770.4135	770.4117
8650	M697T9_3	1.258665	0.331894	0.284081	0.784371	0.582356	UP	697.1246	697.1236
8651	M444T17	1.177703	-0.23598	-0.28528	0.784497	0.582387	DOWN	444.2132	444.212
8652	M329T20	1.115797	-0.15807	-0.28443	0.784516	0.582392	DOWN	329.0055	329.0048
8653	M428T27_	1.176366	0.234337	0.283348	0.784529	0.582395	UP	428.1521	428.1516
8654	M700T9_2	1.384567	-0.46943	-0.28764	0.784561	0.582403	DOWN	700.3977	700.3962
8655	M584T24	1.110063	0.150642	0.284036	0.784625	0.582418	UP	584.2607	584.2607
8656	M422T38_	1.145776	0.196325	0.282621	0.78466	0.582427	UP	422.2901	422.2895
8657	M453T21_	1.206557	0.270896	0.283482	0.784735	0.582446	UP	453.1842	453.1837
8658	M371T21_	1.212975	0.27855	0.282802	0.784854	0.582475	UP	371.1309	371.13
8659	M583T26	1.394557	-0.47981	-0.28922	0.784892	0.582484	DOWN	583.1975	583.1974
8660	M630T29_	1.184074	-0.24376	-0.2846	0.784941	0.582496	DOWN	630.4425	630.4417
8661	M360T18	1.18153	0.240657	0.283891	0.784996	0.58251	UP	360.0045	360.0039
8662	M313T44	1.123032	-0.1674	-0.29055	0.785046	0.582522	DOWN	313.1675	313.1674
8663	M256T24	1.190956	-0.25212	-0.28661	0.785066	0.582527	DOWN	256.2635	256.2631
8664	M349T10_	1.21188	0.277247	0.28132	0.785708	0.582685	UP	348.7305	348.7296
8665	M530T29	1.178467	0.236911	0.282444	0.785769	0.5827	UP	530.4168	530.4161
8666	M454T21_	1.209412	0.274306	0.281751	0.785936	0.582741	UP	454.1875	454.1867
8667	M443T37	1.166141	0.221742	0.283753	0.786018	0.582761	UP	443.1582	443.158
8668	M272T2	1.165086	-0.22044	-0.28137	0.786389	0.582852	DOWN	271.9162	271.9159
8669	M304T28	1.138455	0.187077	0.280976	0.786645	0.582914	UP	304.3	304.2996
8670	M250T27	1.163428	0.218382	0.28076	0.786709	0.58293	UP	250.1884	250.188
8671	M521T28	1.169083	-0.22538	-0.28223	0.786749	0.58294	DOWN	521.3432	521.3426
8672	M658T41_	1.180911	-0.2399	-0.27985	0.78682	0.582957	DOWN	658.2343	658.2328
8673	M227T32	1.154257	0.206964	0.280856	0.786952	0.58299	UP	227.2007	227.2002
8674	M739T26	1.182974	0.242419	0.280236	0.787273	0.583069	UP	739.1939	739.1912
8675	M464T9_2	1.217054	-0.28339	-0.28287	0.787289	0.583072	DOWN	464.3286	464.3278
8676	M523T32	1.168976	-0.22525	-0.27994	0.787725	0.583179	DOWN	523.359	523.358
8677	M255T19_	1.135232	0.182987	0.27866	0.787759	0.583187	UP	255.1957	255.1951
8678	M322T34	1.082896	0.114895	0.28238	0.787813	0.583201	UP	322.246	322.246
8679	M548T27	1.182652	0.242025	0.280949	0.787813	0.583201	UP	548.2437	548.2425
8680	M238T26	1.182906	0.242335	0.278343	0.787922	0.583227	UP	238.1803	238.1799
8681	M356T31	1.103197	-0.14169	-0.27945	0.78823	0.583303	DOWN	356.3351	356.3349
8682	M494T31_	1.173255	-0.23052	-0.27904	0.788333	0.583328	DOWN	494.3604	494.3601
8683	M688T22	1.191378	-0.25263	-0.28201	0.788346	0.583331	DOWN	688.4858	688.4856
8684	M489T24	1.183092	0.242563	0.278261	0.788628	0.5834	UP	489.3801	489.379
8685	M309T23_	1.116425	0.158886	0.285099	0.788691	0.583415	UP	308.8633	308.8629
8686	M303T24_	1.204908	-0.26892	-0.27893	0.788847	0.583453	DOWN	302.7502	302.7499
8687	M643T21	1.26475	0.338852	0.277381	0.788968	0.583483	UP	643.4829	643.4823
8688	M411T20	1.153268	-0.20573	-0.27734	0.789471	0.583606	DOWN	411.2145	411.2135
8689	M343T11_	1.127742	0.173437	0.27618	0.789525	0.583619	UP	343.2595	343.259
8690	M367T10_	1.313693	-0.39363	-0.27755	0.78953	0.58362	DOWN	367.1881	367.1869
8691	M395T34_	1.203219	0.266899	0.275831	0.789772	0.583679	UP	395.1407	395.1404
8692	M294T32_	1.176997	0.23511	0.282133	0.789779	0.583681	UP	294.1357	294.1354
8693	M351T22_	1.176008	-0.2339	-0.27801	0.789789	0.583683	DOWN	351.1807	351.1802
8694	M247T15	1.162447	0.217165	0.277662	0.789824	0.583692	UP	247.1734	247.1726

8695	M544T30	1.126722	-0.17213	-0.27653	0.78991	0.583713	DOWN	544.3402	544.3397
8696	M370T10_	1.282312	0.358747	0.276068	0.790046	0.583746	UP	369.7761	369.7758
8697	M455T21_	1.189464	0.250312	0.275846	0.790518	0.583861	UP	455.1845	455.1831
8698	M491T10	1.275361	-0.35091	-0.278	0.790866	0.583946	DOWN	491.1609	491.16
8699	M447T12	1.195625	-0.25777	-0.27477	0.791285	0.584048	DOWN	447.2933	447.293
8700	M552T22	1.154722	0.207546	0.274523	0.791372	0.584069	UP	552.2232	552.2221
8701	M454T29	1.197577	0.260118	0.279265	0.7914	0.584076	UP	454.3374	454.337
8702	M291T23_	1.177187	-0.23534	-0.27416	0.791569	0.584117	DOWN	291.1798	291.1795
8703	M526T18	1.245276	0.316465	0.274003	0.791674	0.584142	UP	526.1388	526.1379
8704	M655T41_	1.130683	-0.17719	-0.27301	0.791799	0.584173	DOWN	655.3356	655.3342
8705	M534T43	1.10014	0.137687	0.273761	0.791874	0.584191	UP	534.3425	534.3416
8706	M256T33	1.200293	-0.26339	-0.2757	0.791945	0.584208	DOWN	256.2636	256.2633
8707	M546T29	1.150485	-0.20224	-0.27427	0.792038	0.584231	DOWN	546.3461	546.3452
8708	M208T11	1.119428	0.162761	0.27252	0.792221	0.584275	UP	208.079	208.0753
8709	M191T26_	1.141447	-0.19086	-0.27455	0.792265	0.584286	DOWN	191.1067	191.1065
8710	M542T27_	1.168155	0.224231	0.274284	0.792321	0.5843	UP	542.3902	542.3891
8711	M345T17	1.189466	-0.25031	-0.27331	0.792352	0.584307	DOWN	345.2064	345.2055
8712	M468T20_	1.179025	-0.23759	-0.27333	0.792446	0.58433	DOWN	468.3519	468.3506
8713	M286T30_	1.146784	0.197593	0.272248	0.792862	0.584431	UP	286.2742	286.2738
8714	M296T28_	1.172073	0.229062	0.272098	0.792986	0.584461	UP	295.6767	295.6763
8715	M495T20	1.307385	0.386684	0.273164	0.793158	0.584503	UP	495.0403	495.0398
8716	M472T30_	1.118003	0.160925	0.271321	0.793264	0.584528	UP	472.3635	472.3628
8717	M592T11_	1.295927	0.373984	0.273839	0.793359	0.584551	UP	592.2971	592.2957
8718	M584T29_	1.20493	0.26895	0.27122	0.793485	0.584582	UP	583.8014	583.8006
8719	M542T29_	1.213095	0.278692	0.270535	0.793707	0.584636	UP	542.39	542.3891
8720	M743T27	1.184547	0.244335	0.272919	0.793849	0.58467	UP	743.1782	743.1777
8721	M396T34	1.123045	0.167416	0.270227	0.793856	0.584672	UP	396.3321	396.3317
8722	M249T26	1.162628	-0.21739	-0.27175	0.793956	0.584696	DOWN	249.185	249.1847
8723	M237T25	1.240099	0.310455	0.272534	0.794197	0.584754	UP	237.185	237.1846
8724	M295T2	1.255199	0.327917	0.272636	0.794206	0.584756	UP	294.8834	294.8831
8725	M200T31_	1.142022	0.191591	0.270052	0.794229	0.584762	UP	200.0832	200.0832
8726	M239T20	1.157075	-0.21048	-0.26967	0.794484	0.584824	DOWN	239.162	239.1615
8727	M157T7	1.338001	-0.42008	-0.27099	0.794515	0.584831	DOWN	157.0836	157.0832
8728	M252T24	1.187163	-0.24752	-0.27126	0.794597	0.584851	DOWN	252.1051	252.1051
8729	M721T20	1.23223	-0.30127	-0.27091	0.794637	0.584861	DOWN	721.4183	721.4179
8730	M628T11_	1.291623	-0.36919	-0.27167	0.794755	0.584889	DOWN	627.5066	627.5044
8731	M906T9	1.224873	0.292632	0.271488	0.794775	0.584894	UP	905.6812	905.6787
8732	M748T35	1.224165	-0.2918	-0.27435	0.794784	0.584896	DOWN	747.567	747.566
8733	M295T25_	1.141085	-0.19041	-0.27157	0.794836	0.584909	DOWN	295.1907	295.1903
8734	M638T19	1.143102	0.192954	0.269214	0.794849	0.584912	UP	638.3027	638.3008
8735	M297T18	1.1275	0.173127	0.270078	0.794922	0.58493	UP	297.2066	297.2065
8736	M211T16_	1.202148	-0.26561	-0.26939	0.795051	0.584961	DOWN	211.1694	211.1693
8737	M355T31	1.130492	-0.17695	-0.26898	0.795101	0.584973	DOWN	355.3319	355.3313
8738	M426T34	1.129091	-0.17516	-0.26895	0.795238	0.585006	DOWN	426.3579	426.3573
8739	M427T22_	1.277108	-0.35288	-0.26885	0.795298	0.585021	DOWN	427.1241	427.1238
8740	M431T11_	1.270408	0.345292	0.271376	0.795539	0.585079	UP	431.2034	431.2023
8741	M702T10_	1.149766	0.20134	0.268044	0.795584	0.58509	UP	702.1143	702.1046

8742	M516T30_	1.033805	0.047965	0.268936	0.795731	0.585125	UP	516.361	516.359
8743	M652T20	1.236828	-0.30664	-0.26936	0.796003	0.585191	DOWN	652.1712	652.1709
8744	M557T12	1.318744	0.399165	0.267567	0.796076	0.585208	UP	557.3025	557.2975
8745	M225T10_	1.368216	-0.4523	-0.27139	0.796079	0.585209	DOWN	225.421	225.4209
8746	M255T9_2	1.266111	0.340404	0.26703	0.79628	0.585258	UP	255.1353	255.1346
8747	M317T17	1.185145	0.245064	0.267054	0.796846	0.585394	UP	316.9756	316.9752
8748	M498T11_	1.152044	0.204196	0.268387	0.796883	0.585403	UP	498.3545	498.3533
8749	M543T9	1.290558	0.367995	0.265344	0.797489	0.585549	UP	543.2395	543.238
8750	M496T17	1.242983	0.313807	0.269202	0.797561	0.585566	UP	496.0355	496.0353
8751	M461T18_	1.2747	0.350158	0.266196	0.797647	0.585587	UP	461.093	461.0926
8752	M272T14	1.194937	-0.25693	-0.26601	0.798047	0.585683	DOWN	272.1915	272.1914
8753	M384T35	1.105672	0.144924	0.264611	0.798047	0.585683	UP	384.3475	384.347
8754	M465T26_	1.145467	-0.19594	-0.26605	0.798152	0.585708	DOWN	465.3356	465.3352
8755	M507T20	1.200032	-0.26307	-0.2687	0.79817	0.585713	DOWN	507.2451	507.2439
8756	M292T21	1.173395	0.230689	0.271495	0.798259	0.585734	UP	292.191	292.1906
8757	M690T22	1.211259	0.276508	0.263974	0.798473	0.585786	UP	690.4649	690.4631
8758	M534T31_	1.121939	-0.16599	-0.26472	0.798669	0.585833	DOWN	534.3555	534.355
8759	M485T9_5	1.191832	0.25318	0.264868	0.798696	0.585839	UP	485.3693	485.3681
8760	M902T32	1.180556	0.239467	0.263879	0.798748	0.585852	UP	902.4686	902.4672
8761	M235T14	1.093158	-0.1285	-0.26352	0.799017	0.585916	DOWN	235.1905	235.1901
8762	M288T12	1.167251	0.223115	0.263201	0.799062	0.585927	UP	288.1667	288.1664
8763	M594T23	1.292623	-0.3703	-0.26765	0.799112	0.585939	DOWN	594.3717	594.3711
8764	M271T39	1.207167	0.271626	0.265415	0.799149	0.585948	UP	271.2825	271.282
8765	M359T26_	1.176772	-0.23483	-0.26416	0.799278	0.585979	DOWN	359.2583	359.2575
8766	M692T33	1.144439	0.194641	0.263749	0.799384	0.586004	UP	692.459	692.4579
8767	M625T30_	1.246574	0.317968	0.263419	0.799537	0.586041	UP	624.7768	624.776
8768	M760T18_	1.259762	0.333151	0.262915	0.799615	0.58606	UP	760.056	760.0552
8769	M368T40	1.101907	-0.14	-0.26272	0.799641	0.586066	DOWN	368.3523	368.3517
8770	M492T26_	1.160921	-0.21527	-0.2641	0.799818	0.586109	DOWN	492.3085	492.3076
8771	M378T28_	1.165824	0.221349	0.262809	0.799867	0.58612	UP	378.3158	378.3155
8772	M654T41_	1.123625	-0.16816	-0.26199	0.799985	0.586148	DOWN	654.3322	654.3308
8773	M400T27	1.15878	0.212606	0.262813	0.80014	0.586186	UP	400.3616	400.3609
8774	M472T9_2	1.192797	0.254348	0.261927	0.800487	0.586269	UP	472.3317	472.3303
8775	M340T32_	1.175193	0.232898	0.261277	0.800565	0.586288	UP	340.2846	340.2842
8776	M415T18_	1.111872	-0.15299	-0.26182	0.80061	0.586298	DOWN	414.9906	414.9905
8777	M714T32	1.223595	0.291126	0.26619	0.800612	0.586299	UP	714.1747	714.1745
8778	M928T10	1.217134	0.283488	0.262106	0.800744	0.58633	UP	927.6644	927.6602
8779	M562T34	1.128914	0.174936	0.261195	0.800814	0.586347	UP	562.3724	562.3713
8780	M426T9_2	1.161913	-0.2165	-0.26074	0.801274	0.586457	DOWN	426.2763	426.2762
8781	M182T9	1.124395	-0.16915	-0.26059	0.801294	0.586462	DOWN	182.1537	182.1535
8782	M517T37_	1.141582	0.191035	0.260199	0.801623	0.586541	UP	517.316	517.3153
8783	M451T15	1.288251	0.365414	0.26185	0.801726	0.586565	UP	450.9777	450.9776
8784	M450T32	1.220244	0.287169	0.261755	0.801752	0.586571	UP	450.0555	450.0551
8785	M278T21	1.171842	0.228778	0.260295	0.801938	0.586616	UP	278.1213	278.1211
8786	M417T22_	1.183041	0.242501	0.260497	0.801958	0.586621	UP	417.2186	417.2177
8787	M481T9_2	1.18498	-0.24486	-0.25981	0.802	0.586631	DOWN	481.2613	481.2606
8788	M403T22	1.214198	0.280004	0.26204	0.802099	0.586654	UP	403.2959	403.2953

8789	M647T30_	1.166212	0.22183	0.259723	0.80247	0.586743	UP	647.1749	647.1737
8790	M811T23	1.227855	-0.29614	-0.26028	0.802551	0.586762	DOWN	811.0761	811.0755
8791	M351T22_	1.171461	0.228309	0.259032	0.802792	0.58682	UP	351.2747	351.2745
8792	M571T29_	1.192974	0.254562	0.258395	0.802914	0.586849	UP	571.2996	571.2988
8793	M273T9	1.241361	-0.31192	-0.26218	0.802936	0.586854	DOWN	273.1676	273.1671
8794	M416T19_	1.199679	-0.26265	-0.26122	0.802999	0.586869	DOWN	416.2965	416.2955
8795	M418T21_	1.194612	0.256542	0.258343	0.803007	0.586871	UP	418.1398	418.1394
8796	M522T32_	1.152151	-0.20433	-0.25892	0.80321	0.58692	DOWN	522.3556	522.3546
8797	M416T23	1.108744	0.148926	0.259333	0.803596	0.587011	UP	416.2151	416.2142
8798	M385T40	1.153831	-0.20643	-0.25778	0.803702	0.587037	DOWN	385.2923	385.2921
8799	M233T30	1.118425	-0.16147	-0.25984	0.804215	0.587159	DOWN	233.2264	233.2261
8800	M570T32_	1.165849	-0.22138	-0.25641	0.804712	0.587277	DOWN	570.3554	570.3553
8801	M455T9_2	1.147054	-0.19793	-0.25574	0.804728	0.587281	DOWN	455.3496	455.3477
8802	M321T11	1.268062	-0.34263	-0.25963	0.804832	0.587306	DOWN	321.1722	321.1719
8803	M674T27	1.163583	0.218574	0.256244	0.805153	0.587382	UP	674.4694	674.4682
8804	M410T29_	1.179433	0.238093	0.255655	0.805183	0.587389	UP	410.3109	410.3107
8805	M354T16	1.113248	0.154775	0.25487	0.805253	0.587406	UP	354.1491	354.1487
8806	M326T31_	1.158696	0.212502	0.255093	0.805258	0.587407	UP	326.3248	326.3244
8807	M420T28_	1.154914	0.207785	0.255689	0.80532	0.587422	UP	420.3666	420.3657
8808	M409T11_	1.271701	-0.34676	-0.25607	0.805554	0.587477	DOWN	409.2008	409.2002
8809	M207T11	1.221681	0.288867	0.254601	0.805645	0.587499	UP	207.0318	207.0315
8810	M570T28_	1.192578	0.254084	0.254767	0.80571	0.587514	UP	570.3793	570.3783
8811	M308T23_	1.15052	0.202286	0.255444	0.805875	0.587554	UP	308.2971	308.2966
8812	M191T17	1.140251	-0.18935	-0.25857	0.805918	0.587564	DOWN	191.1067	191.1064
8813	M303T28_	1.130666	-0.17717	-0.25481	0.805974	0.587577	DOWN	302.7653	302.7651
8814	M427T22_	1.089794	-0.12406	-0.25477	0.806019	0.587588	DOWN	427.0072	427.007
8815	M469T10	1.17812	0.236487	0.254332	0.806146	0.587618	UP	469.3277	469.3259
8816	M476T10	1.247152	-0.31864	-0.25757	0.806158	0.587621	DOWN	475.8274	475.826
8817	M288T25	1.180415	-0.23929	-0.256	0.806233	0.587638	DOWN	288.2808	288.2806
8818	M743T26	1.386897	-0.47186	-0.25849	0.806306	0.587656	DOWN	743.2215	743.2205
8819	M718T27	1.166612	0.222325	0.254393	0.806341	0.587664	UP	718.4958	718.4937
8820	M456T34	1.206416	0.270727	0.253118	0.806575	0.587719	UP	455.8283	455.8278
8821	M949T44	1.03571	-0.05062	-0.2537	0.806595	0.587724	DOWN	948.5906	948.5887
8822	M408T23	1.155985	0.209122	0.253818	0.806597	0.587725	UP	408.1356	408.1353
8823	M233T10_	1.309618	-0.38915	-0.25566	0.806606	0.587727	DOWN	233.0786	233.0783
8824	M289T9	1.264486	0.338551	0.253382	0.806817	0.587777	UP	288.6883	288.6875
8825	M583T42_	1.042105	0.0595	0.254397	0.806931	0.587804	UP	583.0757	583.0746
8826	M452T28	1.102168	0.140344	0.252704	0.807117	0.587848	UP	452.3219	452.3212
8827	M503T11_	1.209384	0.274272	0.256644	0.807183	0.587864	UP	503.179	503.1718
8828	M400T21_	1.143033	0.192867	0.253185	0.807199	0.587867	UP	400.3539	400.3532
8829	M193T9	1.189495	0.250349	0.2561	0.807549	0.587953	UP	193.1384	193.1383
8830	M537T31	1.271926	-0.34701	-0.25645	0.807573	0.587959	DOWN	537.0044	537.0043
8831	M500T30_	1.153023	0.205421	0.251773	0.807612	0.587968	UP	500.3709	500.3705
8832	M341T11_	1.218245	0.284805	0.251939	0.80801	0.588082	UP	340.6808	340.676
8833	M284T20	1.161589	-0.2161	-0.25289	0.808033	0.588089	DOWN	284.0776	284.0767
8834	M519T43_	1.056241	0.078939	0.254767	0.808053	0.588095	UP	519.0322	519.0319
8835	M519T27	1.130401	0.176834	0.251024	0.808152	0.588125	UP	519.3275	519.3271

8836	M709T31	1.093139	-0.12848	-0.25177	0.808289	0.588165	DOWN	709.1824	709.1809
8837	M372T10_	1.163385	-0.21833	-0.25081	0.80838	0.588193	DOWN	371.7184	371.7172
8838	M475T7	1.359648	-0.44323	-0.2511	0.808387	0.588195	DOWN	475.3247	475.3242
8839	M452T27_	1.137364	-0.18569	-0.25167	0.808432	0.588208	DOWN	452.2774	452.2771
8840	M526T28	1.192251	-0.25369	-0.25233	0.808474	0.588221	DOWN	526.293	526.2922
8841	M494T27_	1.151395	-0.20338	-0.25261	0.808531	0.588238	DOWN	494.3243	494.3234
8842	M473T20_	1.157257	0.210709	0.251813	0.808648	0.588273	UP	473.3779	473.3775
8843	M439T10_	1.210382	-0.27546	-0.25196	0.808738	0.5883	DOWN	439.2205	439.2198
8844	M706T23	1.15676	-0.21009	-0.25209	0.80887	0.58834	DOWN	706.329	706.3282
8845	M454T9_3	1.23495	-0.30445	-0.25252	0.808964	0.588368	DOWN	453.8658	453.8614
8846	M214T23	1.133882	0.181271	0.251826	0.808969	0.588369	UP	214.1803	214.1798
8847	M491T28	1.160274	0.214465	0.253719	0.808994	0.588377	UP	491.3416	491.3412
8848	M227T13	1.164517	-0.21973	-0.25096	0.809064	0.588397	DOWN	227.1836	227.1832
8849	M527T20_	1.175248	0.232966	0.250365	0.809067	0.588398	UP	527.4174	527.4168
8850	M673T32_	1.261379	0.335001	0.254479	0.809131	0.588418	UP	673.1432	673.1426
8851	M302T23	1.161019	-0.21539	-0.25099	0.809214	0.588442	DOWN	302.0683	302.0682
8852	M776T32	1.207361	0.271857	0.249502	0.80929	0.588465	UP	776.4541	776.4532
8853	M301T9	1.216683	-0.28295	-0.25138	0.809306	0.58847	DOWN	300.7003	300.7
8854	M214T10	1.145061	0.195425	0.249868	0.809365	0.588488	UP	213.6798	213.6794
8855	M285T18_	1.336111	-0.41804	-0.25095	0.809396	0.588497	DOWN	285.0662	285.0655
8856	M412T21_	1.179102	0.237689	0.249924	0.809649	0.588573	UP	412.1576	412.1565
8857	M224T14	1.225777	0.293696	0.249248	0.809899	0.588647	UP	224.0573	224.0572
8858	M340T15_	1.241386	0.311951	0.249275	0.809996	0.588677	UP	340.027	340.0266
8859	M415T27	1.170482	0.227103	0.248904	0.810187	0.588734	UP	415.1206	415.1202
8860	M451T21	1.172477	0.22956	0.249672	0.810199	0.588737	UP	451.189	451.188
8861	M369T38_	1.100807	0.138561	0.24857	0.810243	0.58875	UP	369.1846	369.1845
8862	M204T10_	1.231912	0.300899	0.248269	0.810468	0.588817	UP	203.6257	203.6254
8863	M688T31_	1.160411	0.214636	0.252768	0.810615	0.588861	UP	688.2107	688.2101
8864	M348T16_	1.11602	0.158362	0.247315	0.810944	0.588959	UP	348.1879	348.1876
8865	M497T22	1.175623	0.233425	0.247428	0.810974	0.588969	UP	497.1837	497.1832
8866	M306T28_	1.160619	0.214895	0.247645	0.811212	0.58904	UP	305.8465	305.8464
8867	M426T35_	1.128836	0.174836	0.246874	0.81129	0.589063	UP	426.3211	426.3202
8868	M408T27	1.23082	-0.29962	-0.25095	0.811356	0.589083	DOWN	408.1235	408.1234
8869	M299T11_	1.184897	0.244762	0.249332	0.81157	0.589146	UP	299.1104	299.1102
8870	M275T32_	1.168686	0.224887	0.247029	0.8116	0.589155	UP	274.5215	274.5211
8871	M498T27_	1.159407	0.213387	0.247377	0.811968	0.589265	UP	498.3638	498.3631
8872	M392T11	1.114089	0.155865	0.246051	0.812007	0.589277	UP	392.2075	392.207
8873	M478T9_5	1.191946	-0.25332	-0.24591	0.812033	0.589284	DOWN	478.3465	478.3454
8874	M552T17	1.135547	0.183388	0.247142	0.81204	0.589286	UP	552.4163	552.4162
8875	M353T16_	1.171908	-0.22886	-0.24596	0.812179	0.589328	DOWN	353.1726	353.1719
8876	M302T27	1.17371	0.231077	0.245572	0.812228	0.589342	UP	302.1389	302.1388
8877	M613T9	1.202335	-0.26584	-0.24875	0.812459	0.589411	DOWN	613.3415	613.3407
8878	M464T10	1.252392	-0.32469	-0.24816	0.812464	0.589413	DOWN	464.3349	464.333
8879	M525T9	1.174062	-0.23151	-0.24668	0.812492	0.589421	DOWN	525.288	525.2873
8880	M270T26_	1.192513	0.254005	0.24856	0.812701	0.589484	UP	270.1001	270.0995
8881	M280T18_	1.152628	0.204926	0.245986	0.812771	0.589504	UP	280.0984	280.0979
8882	M474T34	1.127309	-0.17288	-0.24605	0.813114	0.589606	DOWN	474.2811	474.2803

8883	M344T10	1.163095	0.217968	0.244249	0.81322	0.589638	UP	344.3104	344.3095
8884	M650T11_	1.250404	0.322395	0.247278	0.813919	0.589846	UP	650.1008	650.1
8885	M271T14	1.181453	0.240563	0.24558	0.81424	0.589941	UP	271.0751	271.0749
8886	M843T10	1.26365	0.337597	0.242923	0.814396	0.589987	UP	842.534	842.534
8887	M672T26	1.144852	0.195161	0.243804	0.814607	0.59005	UP	672.2451	672.2434
8888	M227T21_	1.123148	-0.16755	-0.24472	0.814664	0.590067	DOWN	227.2009	227.2005
8889	M497T20_	1.170812	-0.22751	-0.24476	0.814832	0.590117	DOWN	497.4066	497.4061
8890	M370T14_	1.259205	0.332513	0.245427	0.814982	0.590162	UP	369.9878	369.9876
8891	M368T25	1.192885	-0.25446	-0.24629	0.81501	0.59017	DOWN	368.2795	368.2791
8892	M326T9	1.133097	-0.18027	-0.24153	0.815262	0.590245	DOWN	326.2805	326.2796
8893	M385T33_	1.138841	-0.18757	-0.24131	0.8154	0.590286	DOWN	385.1531	385.1526
8894	M672T28	1.145415	0.195871	0.242071	0.81543	0.590295	UP	672.2447	672.2434
8895	M292T9_1	1.201556	0.264904	0.243382	0.8158	0.590404	UP	292.1922	292.1918
8896	M593T11	1.253649	0.326134	0.242889	0.815891	0.590431	UP	592.7978	592.7965
8897	M750T20	1.196434	0.258741	0.242075	0.815907	0.590436	UP	750.0977	750.097
8898	M356T29	1.147071	-0.19795	-0.2407	0.816022	0.59047	DOWN	356.2277	356.2274
8899	M203T28	1.137271	0.185576	0.241318	0.816076	0.590486	UP	203.1067	203.1063
8900	M454T21_	1.176117	0.234032	0.240595	0.816529	0.59062	UP	454.1874	454.1863
8901	M367T27	1.232695	-0.30182	-0.24403	0.816542	0.590624	DOWN	367.0971	367.0967
8902	M559T29	1.179211	0.237822	0.23971	0.8168	0.5907	UP	559.2997	559.2991
8903	M432T23_	1.101216	0.139098	0.241088	0.81701	0.590762	UP	432.2382	432.2372
8904	M642T21	1.199447	0.262369	0.23881	0.817293	0.590846	UP	642.4796	642.4789
8905	M777T32	1.198311	0.261003	0.23875	0.817356	0.590865	UP	777.4574	777.4567
8906	M421T30_	1.158418	-0.21216	-0.23829	0.817807	0.590998	DOWN	421.2325	421.2318
8907	M339T20	1.155868	-0.20898	-0.24163	0.817914	0.59103	DOWN	339.3011	339.3007
8908	M381T30	1.142692	-0.19244	-0.23829	0.818131	0.591094	DOWN	381.3112	381.3106
8909	M535T16	1.136062	-0.18404	-0.23804	0.818284	0.591139	DOWN	535.3381	535.3373
8910	M412T24_	1.182158	-0.24142	-0.24076	0.818427	0.591181	DOWN	412.1427	412.1423
8911	M930T10	1.203575	0.267326	0.237883	0.818701	0.591262	UP	929.6709	929.6705
8912	M366T26_	1.184149	0.243851	0.236878	0.818836	0.591302	UP	366.2856	366.2851
8913	M455T17_	1.238532	0.308631	0.239443	0.819166	0.591399	UP	454.9344	454.9339
8914	M449T22_	1.15624	0.209441	0.236385	0.819301	0.591439	UP	449.0787	449.0776
8915	M371T28	1.273783	-0.34912	-0.23588	0.819551	0.591513	DOWN	371.031	371.0308
8916	M499T18_	1.136795	0.184972	0.236534	0.819884	0.591611	UP	499.1505	499.1492
8917	M416T24_	1.134112	-0.18156	-0.23705	0.820051	0.59166	DOWN	416.1886	416.1884
8918	M747T11	1.191876	0.253234	0.235331	0.820052	0.591661	UP	747.41	747.4078
8919	M483T24	1.151317	0.203285	0.236679	0.820138	0.591686	UP	483.351	483.3507
8920	M510T33_	1.189809	0.25073	0.235706	0.820153	0.59169	UP	510.4307	510.43
8921	M483T18_	1.220667	0.28767	0.23563	0.820173	0.591696	UP	483.1111	483.1107
8922	M597T27_	1.15866	0.212457	0.236744	0.820284	0.591729	UP	597.2472	597.2462
8923	M408T21_	1.211782	-0.27713	-0.23697	0.820288	0.59173	DOWN	408.1322	408.1319
8924	M565T18	1.204412	0.268329	0.235717	0.820295	0.591732	UP	565.0133	565.0128
8925	M433T20	1.138773	-0.18748	-0.23604	0.820327	0.591742	DOWN	433.3147	433.3139
8926	M809T11	1.111679	-0.15274	-0.23507	0.820643	0.591835	DOWN	809.3812	809.3783
8927	M286T30_	1.099874	-0.13734	-0.23394	0.820914	0.591915	DOWN	286.2378	286.2374
8928	M377T30	1.299028	-0.37743	-0.23904	0.821017	0.591945	DOWN	377.0887	377.0885
8929	M352T25	1.20008	0.263131	0.234587	0.821031	0.591949	UP	352.2695	352.2689

8930	M344T27_	1.158971	-0.21284	-0.23475	0.821151	0.591984	DOWN	344.105	344.1047
8931	M397T44	1.114203	0.156012	0.240189	0.821266	0.592018	UP	397.2158	397.2151
8932	M473T9_3	1.153381	0.205869	0.233703	0.821566	0.592106	UP	473.3248	473.3242
8933	M319T29_	1.162032	-0.21665	-0.23629	0.82158	0.59211	DOWN	319.2268	319.2267
8934	M251T14	1.207182	-0.27164	-0.23411	0.82173	0.592154	DOWN	251.1256	251.1254
8935	M394T23_	1.204637	-0.2686	-0.23582	0.821925	0.592212	DOWN	393.8301	393.8297
8936	M369T21	1.17559	0.233385	0.232276	0.822227	0.5923	UP	369.1358	369.1355
8937	M550T32_	1.187042	0.247371	0.233877	0.822409	0.592354	UP	550.317	550.3141
8938	M222T28_	1.135172	0.182911	0.232837	0.822425	0.592359	UP	222.1207	222.1202
8939	M249T27_	1.192733	0.254271	0.23183	0.822622	0.592416	UP	249.1851	249.1849
8940	M425T10_	1.304407	-0.38339	-0.23375	0.822937	0.592509	DOWN	425.3007	425.2995
8941	M401T21_	1.142598	0.192318	0.231872	0.823073	0.592549	UP	401.3377	401.3366
8942	M248T28_	1.149392	-0.20087	-0.23405	0.823128	0.592565	DOWN	248.201	248.2007
8943	M293T28_	1.160248	0.214434	0.231551	0.823155	0.592573	UP	293.0388	293.0385
8944	M542T22_	1.197622	0.260173	0.230944	0.823185	0.592582	UP	542.0566	542.0563
8945	M279T31_	1.242254	-0.31296	-0.2309	0.823196	0.592585	DOWN	279.1084	279.1036
8946	M896T11	1.28727	0.364315	0.230865	0.823282	0.59261	UP	896.4371	896.4354
8947	M200T26	1.16438	-0.21956	-0.23313	0.823338	0.592626	DOWN	200.2009	200.2005
8948	M414T20	1.135373	-0.18317	-0.23147	0.823703	0.592733	DOWN	414.3007	414.2995
8949	M240T17	1.149352	-0.20082	-0.23402	0.823752	0.592748	DOWN	240.1208	240.1205
8950	M520T28	1.131678	-0.17846	-0.23219	0.823765	0.592752	DOWN	520.3399	520.3389
8951	M195T11_	1.142072	0.191653	0.232361	0.8241	0.59285	UP	195.1381	195.1378
8952	M585T30	1.10889	-0.14912	-0.2305	0.824179	0.592873	DOWN	585.4952	585.4943
8953	M521T29	1.123526	-0.16803	-0.23107	0.824277	0.592902	DOWN	521.3435	521.3424
8954	M351T30	1.123899	-0.16851	-0.23024	0.824436	0.592948	DOWN	351.0992	351.0988
8955	M335T41_	1.086252	-0.11936	-0.22994	0.824457	0.592954	DOWN	335.1671	335.1668
8956	M649T11	1.202416	0.265936	0.229539	0.824531	0.592976	UP	649.4162	649.4148
8957	M469T20	1.1431	0.192952	0.229463	0.824632	0.593006	UP	469.3274	469.3265
8958	M432T25_	1.146356	0.197055	0.229938	0.824636	0.593007	UP	432.378	432.3769
8959	M895T11	1.285623	0.362468	0.228973	0.824701	0.593026	UP	895.4337	895.4307
8960	M315T16	1.118214	0.161197	0.229491	0.824844	0.593068	UP	315.1595	315.1592
8961	M252T31	1.158292	0.211999	0.228792	0.825058	0.59313	UP	252.1595	252.1592
8962	M436T26	1.172506	0.229596	0.228133	0.825312	0.593205	UP	436.2568	436.2548
8963	M610T29_	1.154837	-0.20769	-0.22953	0.825726	0.593325	DOWN	610.4527	610.452
8964	M647T30_	1.039775	0.056271	0.229198	0.825811	0.59335	UP	647.4371	647.4358
8965	M352T27	1.069471	0.096897	0.227556	0.826069	0.593426	UP	352.2204	352.2202
8966	M273T32_	1.189842	-0.25077	-0.23294	0.82623	0.593473	DOWN	273.115	273.1147
8967	M407T21_	1.196766	0.259141	0.226778	0.8263	0.593493	UP	407.1354	407.1349
8968	M278T30_	1.141624	0.191088	0.226952	0.826335	0.593503	UP	278.0669	278.0666
8969	M586T29_	1.157719	0.211285	0.226589	0.826449	0.593537	UP	586.4164	586.4156
8970	M242T27	1.117608	0.160414	0.226837	0.826483	0.593547	UP	242.2844	242.2839
8971	M651T11_	1.200414	0.263532	0.226852	0.826561	0.593569	UP	651.4229	651.4213
8972	M316T23_	1.1408	-0.19005	-0.2281	0.826987	0.593694	DOWN	316.2849	316.2847
8973	M229T16_	1.20587	-0.27007	-0.22576	0.827428	0.593822	DOWN	229.1994	229.1992
8974	M389T11_	1.181416	-0.24052	-0.2257	0.827628	0.59388	DOWN	389.2517	389.2512
8975	M593T22_	1.212619	-0.27813	-0.22955	0.827637	0.593883	DOWN	593.0446	593.0438
8976	M423T40	1.133057	-0.18022	-0.22595	0.827765	0.59392	DOWN	423.2717	423.2709

8977	M364T44	1.117578	-0.16038	-0.22804	0.827954	0.593975	DOWN	364.1832	364.1828
8978	M744T34	1.193652	-0.25538	-0.22703	0.828293	0.594074	DOWN	743.5166	743.5151
8979	M259T23_	1.128433	0.17432	0.225724	0.828446	0.594119	UP	259.1654	259.165
8980	M498T27_	1.160216	-0.21439	-0.22565	0.828548	0.594148	DOWN	498.1185	498.1179
8981	M459T21	1.161688	0.216223	0.224203	0.828566	0.594154	UP	459.1665	459.1658
8982	M231T12	1.107085	0.146766	0.225098	0.82863	0.594172	UP	231.1938	231.1936
8983	M498T31_	1.116094	0.158459	0.224269	0.828699	0.594192	UP	498.3788	498.378
8984	M571T28	1.170294	0.226871	0.223955	0.828803	0.594223	UP	571.3826	571.382
8985	M433T23_	1.096225	0.132544	0.22495	0.828976	0.594273	UP	433.2416	433.2406
8986	M325T26_	1.097152	0.133764	0.223317	0.82898	0.594274	UP	325.2013	325.2011
8987	M570T9_2	1.134544	-0.18211	-0.22445	0.82939	0.594393	DOWN	570.3181	570.318
8988	M384T22_	1.10795	-0.14789	-0.22789	0.829447	0.59441	DOWN	384.0425	384.0411
8989	M650T20	1.176241	0.234183	0.22327	0.829498	0.594425	UP	650.1723	650.171
8990	M241T17	1.106957	0.1466	0.222815	0.829645	0.594467	UP	241.18	241.1799
8991	M533T18_	1.180736	0.239687	0.222692	0.829775	0.594505	UP	533.2571	533.2568
8992	M336T21_	1.0852	0.117961	0.222371	0.829834	0.594522	UP	336.2451	336.2442
8993	M371T12	1.144047	-0.19415	-0.22132	0.830405	0.594688	DOWN	371.2044	371.2042
8994	M414T33_	1.062194	-0.08705	-0.22165	0.830533	0.594725	DOWN	414.1933	414.1931
8995	M270T26_	1.153554	0.206086	0.221669	0.830678	0.594767	UP	270.1491	270.1489
8996	M520T29	1.116026	-0.15837	-0.22239	0.830772	0.594795	DOWN	520.3401	520.339
8997	M348T24_	1.156457	0.209711	0.222236	0.830827	0.594811	UP	348.3264	348.3256
8998	M666T11	1.190414	0.251464	0.221061	0.830904	0.594833	UP	666.3942	666.3926
8999	M568T28_	1.131933	-0.17879	-0.22272	0.830962	0.59485	DOWN	568.3402	568.3395
9000	M436T23	1.167117	-0.22295	-0.22394	0.831056	0.594877	DOWN	436.0042	436.0039
9001	M350T9_3	1.169232	0.225562	0.222595	0.831335	0.594958	UP	349.7666	349.7657
9002	M455T17_	1.20414	0.268004	0.223361	0.83149	0.595003	UP	455.0089	455.0087
9003	M520T40	1.09855	0.1356	0.219472	0.831779	0.595087	UP	520.3634	520.3622
9004	M284T18	1.14578	0.196331	0.220531	0.831826	0.5951	UP	284.0989	284.0986
9005	M524T36	1.254584	0.327209	0.223858	0.832207	0.595211	UP	524.3705	524.3702
9006	M597T32_	1.142935	0.192743	0.220447	0.832226	0.595216	UP	597.4212	597.4208
9007	M223T28	1.059935	0.083975	0.220678	0.832276	0.595231	UP	223.1237	223.1233
9008	M349T14	1.216958	0.28328	0.221507	0.832307	0.595239	UP	348.9671	348.9668
9009	M293T28_	1.136485	0.184578	0.218907	0.832534	0.595305	UP	292.7475	292.7472
9010	M417T24	1.124134	0.168814	0.218437	0.832665	0.595343	UP	417.1921	417.1916
9011	M403T40	1.066123	-0.09237	-0.21852	0.832703	0.595354	DOWN	403.3052	403.3047
9012	M801T22	1.204099	0.267955	0.219963	0.832985	0.595436	UP	801.1005	801.0996
9013	M745T22	1.215553	-0.28161	-0.22103	0.833297	0.595526	DOWN	745.1651	745.1648
9014	M475T8	1.193161	0.254789	0.217315	0.833409	0.595558	UP	474.6031	474.6014
9015	M446T21_	1.122868	0.167189	0.217338	0.833429	0.595564	UP	446.1451	446.1442
9016	M571T30_	1.108166	-0.14817	-0.21801	0.833506	0.595586	DOWN	571.3589	571.3582
9017	M241T11	1.110053	0.150629	0.217104	0.833579	0.595607	UP	241.1779	241.1774
9018	M391T16_	1.072465	-0.10093	-0.21965	0.833897	0.595699	DOWN	391.2958	391.295
9019	M659T18_	1.204927	0.268946	0.217455	0.834051	0.595744	UP	659.128	659.1269
9020	M451T20_	1.125966	-0.17116	-0.21742	0.834395	0.595843	DOWN	451.3253	451.324
9021	M283T18	1.137606	0.186001	0.21656	0.834721	0.595937	UP	283.0956	283.0948
9022	M385T18_	1.155072	-0.20798	-0.21699	0.834745	0.595944	DOWN	385.1874	385.1874
9023	M620T44	1.072337	0.100758	0.21571	0.834764	0.59595	UP	620.4236	620.4227

9024	M258T19	1.127825	-0.17354	-0.21643	0.835332	0.596113	DOWN	258.0598	258.0592
9025	M566T30	1.115577	-0.15779	-0.21569	0.835344	0.596117	DOWN	566.4227	566.422
9026	M612T21	1.123054	0.167427	0.214596	0.835464	0.596151	UP	612.319	612.317
9027	M479T23_	1.170242	0.226807	0.21479	0.835517	0.596167	UP	479.0267	479.0262
9028	M306T35_	1.127087	0.172599	0.214871	0.835607	0.596193	UP	306.2511	306.251
9029	M299T26_	1.136917	0.185127	0.21478	0.835822	0.596254	UP	299.1618	299.1614
9030	M440T21	1.151526	-0.20355	-0.21413	0.83594	0.596288	DOWN	440.1526	440.1516
9031	M586T27	1.133562	0.180863	0.215411	0.835996	0.596305	UP	586.4166	586.4153
9032	M416T32_	1.176711	0.23476	0.215618	0.836107	0.596336	UP	416.1913	416.1912
9033	M268T19	1.170743	0.227424	0.21389	0.836393	0.596419	UP	267.9727	267.9726
9034	M673T17	1.221467	0.288615	0.217133	0.836414	0.596425	UP	672.8694	672.8691
9035	M614T9	1.165877	-0.22142	-0.21604	0.836425	0.596428	DOWN	614.3451	614.344
9036	M816T11_	1.136287	0.184328	0.214091	0.836427	0.596429	UP	815.5931	815.5916
9037	M398T29_	1.093162	0.128507	0.213856	0.83666	0.596496	UP	398.3266	398.3262
9038	M522T10	1.171152	0.227928	0.215685	0.836662	0.596496	UP	522.4384	522.4366
9039	M378T29_	1.047031	0.066305	0.212855	0.836829	0.596544	UP	378.2279	378.2277
9040	M823T11	1.214042	0.279819	0.214687	0.837103	0.596623	UP	823.3591	823.3562
9041	M306T38	1.122712	0.166987	0.212522	0.837341	0.596691	UP	306.3005	306.3002
9042	M281T23	1.085951	0.118958	0.213629	0.837404	0.596709	UP	281.1385	281.1379
9043	M295T22_	1.144669	0.194931	0.214335	0.837481	0.596732	UP	295.1109	295.11
9044	M208T13	1.167208	0.223062	0.212278	0.837611	0.596769	UP	208.1697	208.1694
9045	M716T26	1.177911	0.236231	0.211676	0.837667	0.596785	UP	715.5403	715.5392
9046	M457T23	1.128919	0.174941	0.212252	0.837945	0.596865	UP	457.3638	457.363
9047	M276T27	1.146592	0.197352	0.21326	0.837952	0.596867	UP	275.6258	275.6254
9048	M331T17_	1.07716	-0.10723	-0.21124	0.838077	0.596903	DOWN	331.0154	331.015
9049	M651T20	1.175171	0.232871	0.211275	0.838115	0.596914	UP	651.1755	651.1726
9050	M209T18	1.093601	0.129086	0.212211	0.838263	0.596956	UP	209.1537	209.1535
9051	M254T34	1.140778	-0.19002	-0.21305	0.838335	0.596977	DOWN	254.2478	254.2472
9052	M604T24	1.213145	0.278752	0.214202	0.838411	0.596999	UP	604.149	604.1483
9053	M550T25	1.177172	-0.23533	-0.21184	0.838537	0.597035	DOWN	550.3876	550.3871
9054	M445T29	1.151199	-0.20314	-0.21181	0.838582	0.597048	DOWN	445.3136	445.3067
9055	M261T9	1.164216	-0.21936	-0.21108	0.838772	0.597102	DOWN	260.6355	260.6311
9056	M384T23_	1.122673	0.166937	0.211052	0.839062	0.597185	UP	383.5929	383.5922
9057	M456T21_	1.144768	0.195055	0.210801	0.839064	0.597186	UP	456.1879	456.187
9058	M582T26_	1.169107	0.225407	0.209636	0.839192	0.597223	UP	582.4582	582.4574
9059	M339T17_	1.134884	0.182545	0.209316	0.839691	0.597366	UP	339.2009	339.2008
9060	M504T20	1.140907	0.190181	0.210049	0.839947	0.597439	UP	504.2412	504.2399
9061	M451T9_5	1.17036	-0.22695	-0.20884	0.839963	0.597444	DOWN	451.3289	451.3257
9062	M372T43	1.062181	0.087029	0.208652	0.840008	0.597456	UP	372.1006	372.0999
9063	M405T38	1.103569	0.142176	0.208768	0.840031	0.597463	UP	405.2635	405.2634
9064	M208T21	1.130886	0.177454	0.208873	0.840113	0.597486	UP	208.0793	208.0789
9065	M597T21	1.167648	0.223605	0.208947	0.840127	0.597491	UP	597.1197	597.1186
9066	M728T23	1.202794	-0.26639	-0.20923	0.840169	0.597502	DOWN	727.5264	727.5256
9067	M315T17	1.146945	0.197797	0.209191	0.84022	0.597517	UP	314.9801	314.9795
9068	M696T27	1.16723	-0.22309	-0.20951	0.840491	0.597595	DOWN	695.5578	695.5561
9069	M285T25	1.155557	-0.20859	-0.20994	0.840781	0.597678	DOWN	285.1852	285.1845
9070	M284T27	1.118975	-0.16218	-0.20923	0.840782	0.597678	DOWN	284.295	284.2945

9071	M296T20	1.114801	0.156787	0.208805	0.841045	0.597753	UP	296.194	296.1935
9072	M254T22	1.143947	0.194021	0.208942	0.841368	0.597846	UP	254.0842	254.0834
9073	M304T23	1.14208	-0.19166	-0.20981	0.841622	0.597918	DOWN	304.2849	304.2844
9074	M336T30_	1.113453	-0.15504	-0.20618	0.841802	0.597969	DOWN	336.1287	336.1282
9075	M409T10	1.142977	-0.1928	-0.20692	0.842093	0.598053	DOWN	409.2314	409.23
9076	M688T26_	1.123411	-0.16789	-0.20783	0.84226	0.5981	DOWN	687.5424	687.5416
9077	M569T9	1.155934	-0.20906	-0.20742	0.842625	0.598204	DOWN	569.3145	569.3135
9078	M305T28_	1.105442	0.144624	0.20563	0.842805	0.598256	UP	305.3034	305.3029
9079	M630T27	1.127553	0.173195	0.205747	0.842999	0.598311	UP	630.443	630.4419
9080	M170T22	1.126939	-0.17241	-0.20586	0.843002	0.598312	DOWN	170.1541	170.1537
9081	M464T28	1.178164	0.23654	0.205139	0.843123	0.598346	UP	464.0455	464.0451
9082	M232T10	1.13896	-0.18772	-0.204	0.843475	0.598447	DOWN	232.0926	232.0921
9083	M657T9_3	1.160918	0.215266	0.206302	0.843479	0.598448	UP	657.3674	657.3664
9084	M191T22	1.109094	-0.14938	-0.20698	0.843481	0.598448	DOWN	191.1795	191.1795
9085	M413T26_	1.081213	-0.11265	-0.2037	0.84368	0.598505	DOWN	413.1608	413.1604
9086	M427T16_	1.162694	0.217471	0.203752	0.843701	0.598511	UP	427.1785	427.1785
9087	M687T21_	1.170474	-0.22709	-0.20459	0.843944	0.59858	DOWN	687.3359	687.3357
9088	M470T26	1.106894	-0.14652	-0.20331	0.843989	0.598593	DOWN	470.3148	470.3142
9089	M319T18	1.108536	-0.14866	-0.20323	0.844192	0.598651	DOWN	319.1906	319.1882
9090	M910T29_	1.118814	0.16197	0.203742	0.844265	0.598672	UP	910.4366	910.4354
9091	M432T20_	1.11395	-0.15568	-0.20438	0.844297	0.598681	DOWN	432.3113	432.3102
9092	M286T23	1.129236	-0.17535	-0.20454	0.844298	0.598681	DOWN	286.1077	286.107
9093	M672T29_	1.191097	0.252291	0.204252	0.844374	0.598703	UP	672.2266	672.2258
9094	M317T27	1.121092	-0.1649	-0.20457	0.844402	0.598711	DOWN	317.2025	317.2022
9095	M428T15	1.237565	-0.3075	-0.20508	0.844507	0.598741	DOWN	428.0093	428.009
9096	M279T31_	1.155123	-0.20805	-0.20267	0.844515	0.598743	DOWN	279.2876	279.2831
9097	M235T16	1.158783	0.212611	0.203878	0.844553	0.598754	UP	235.0629	235.0626
9098	M348T2	1.050728	0.071389	0.202563	0.844889	0.598849	UP	347.8171	347.8168
9099	M529T29_	1.138905	-0.18765	-0.20214	0.845221	0.598944	DOWN	529.3117	529.3109
9100	M310T28_	1.149652	0.201197	0.202332	0.845246	0.598951	UP	310.2869	310.2866
9101	M321T26_	1.123865	0.168469	0.202464	0.845673	0.599072	UP	321.0787	321.0787
9102	M306T23_	1.172237	-0.22926	-0.20392	0.845717	0.599085	DOWN	306.2025	306.1966
9103	M161T28	1.115041	0.157097	0.20158	0.845738	0.59909	UP	161.0961	161.0958
9104	M244T18	1.13149	0.178224	0.201291	0.846256	0.599237	UP	244.0643	244.064
9105	M369T10_	1.175484	0.233255	0.200821	0.846309	0.599252	UP	368.8912	368.891
9106	M363T31_	1.083861	-0.11618	-0.20046	0.846533	0.599316	DOWN	363.1115	363.1108
9107	M168T30	1.111681	0.152743	0.200309	0.846663	0.599353	UP	167.9936	167.9934
9108	M713T31_	1.091773	-0.12667	-0.20044	0.846685	0.599359	DOWN	713.1801	713.1794
9109	M462T29	1.11545	0.157625	0.200402	0.846932	0.599429	UP	462.3772	462.3766
9110	M329T18_	1.179711	-0.23843	-0.20124	0.847006	0.59945	DOWN	329.2303	329.2298
9111	M302T22	1.118505	-0.16157	-0.20104	0.847089	0.599474	DOWN	302.1603	302.1599
9112	M331T10_	1.202904	0.266521	0.199062	0.847185	0.599501	UP	331.2098	331.2096
9113	M268T22	1.142675	0.192415	0.200084	0.847216	0.59951	UP	268.0998	268.0998
9114	M415T20_	1.117693	-0.16052	-0.19953	0.847262	0.599523	DOWN	415.3042	415.3035
9115	M512T42	1.037819	-0.05355	-0.20323	0.847283	0.599529	DOWN	512.2691	512.269
9116	M231T22_	1.145392	0.195842	0.199918	0.847608	0.599621	UP	231.0682	231.0675
9117	M575T11	1.252555	0.324873	0.198433	0.847702	0.599647	UP	575.2519	575.2512

9118	M456T22	1.108027	0.147993	0.198728	0.847719	0.599652	UP	456.3326	456.3316
9119	M380T23_	1.15503	0.207931	0.199191	0.847835	0.599685	UP	380.3008	380.2991
9120	M619T22	1.12204	0.166124	0.198851	0.847899	0.599703	UP	619.1721	619.1703
9121	M399T9_1	1.157499	-0.21101	-0.1992	0.847955	0.599719	DOWN	398.8267	398.8262
9122	M367T20	1.190026	0.250994	0.19879	0.848297	0.599816	UP	367.1206	367.1203
9123	M599T31	1.084285	-0.11674	-0.19748	0.848473	0.599866	DOWN	599.2681	599.2669
9124	M504T21_	1.122008	0.166083	0.197357	0.848481	0.599868	UP	504.1247	504.1243
9125	M415T19_	1.14417	-0.1943	-0.19954	0.848498	0.599873	DOWN	415.2931	415.2923
9126	M536T11	1.164456	0.219656	0.197976	0.848782	0.599953	UP	536.3319	536.3309
9127	M445T38	1.132126	0.179034	0.197287	0.848793	0.599956	UP	445.2586	445.2575
9128	M611T29_	1.117091	-0.15975	-0.19728	0.848889	0.599983	DOWN	611.2516	611.2509
9129	M502T28	1.137673	-0.18609	-0.19684	0.849582	0.600179	DOWN	502.293	502.2921
9130	M570T30_	1.094695	-0.13053	-0.19642	0.849734	0.600222	DOWN	570.3554	570.3547
9131	M545T28_	1.114984	-0.15702	-0.19711	0.849884	0.600264	DOWN	545.3434	545.3426
9132	M763T27	1.135588	0.183439	0.195963	0.849942	0.600281	UP	762.5221	762.5211
9133	M354T20	1.102914	0.141321	0.1968	0.850005	0.600298	UP	354.222	354.2218
9134	M326T28	1.119884	0.163349	0.195835	0.850065	0.600315	UP	326.2329	326.2322
9135	M508T30_	1.096093	0.13237	0.194987	0.850265	0.600372	UP	508.3397	508.339
9136	M414T14	1.147471	0.198458	0.195174	0.850584	0.600462	UP	414.2808	414.2806
9137	M313T23_	1.128526	0.17444	0.195757	0.850612	0.60047	UP	312.7136	312.7133
9138	M687T21_	1.167614	-0.22356	-0.19543	0.85067	0.600486	DOWN	687.3361	687.3357
9139	M869T21	1.180122	-0.23894	-0.19502	0.850717	0.600499	DOWN	869.3147	869.3144
9140	M254T19_	1.132722	-0.17979	-0.19572	0.850951	0.600566	DOWN	254.067	254.0665
9141	M474T44	1.031166	-0.04428	-0.19547	0.85108	0.600602	DOWN	474.348	474.3477
9142	M494T17_	1.125399	0.170437	0.194515	0.851195	0.600634	UP	494.181	494.1808
9143	M292T9_2	1.157476	-0.21098	-0.19504	0.851418	0.600697	DOWN	292.443	292.4426
9144	M752T34	1.142364	0.192023	0.196956	0.851657	0.600764	UP	751.6204	751.6188
9145	M439T42	1.16773	0.223707	0.196644	0.851975	0.600854	UP	439.3207	439.3204
9146	M437T22_	1.138329	-0.18692	-0.19366	0.852114	0.600893	DOWN	437.1526	437.1522
9147	M486T26_	1.144967	0.195306	0.19296	0.852707	0.60106	UP	486.0512	486.0507
9148	M562T44	1.037813	-0.05355	-0.19339	0.853116	0.601175	DOWN	562.4004	562.3996
9149	M422T26	1.162179	-0.21683	-0.19386	0.853527	0.60129	DOWN	422.0244	422.0232
9150	M228T32_	1.120556	-0.16421	-0.19252	0.853556	0.601298	DOWN	228.2323	228.2321
9151	M681T9_1	1.157298	-0.21076	-0.19083	0.853653	0.601326	DOWN	681.0433	681.0344
9152	M372T21	1.135792	0.183699	0.191094	0.853708	0.601341	UP	372.1344	372.1336
9153	M327T22_	1.119826	0.163275	0.190934	0.853746	0.601352	UP	327.1258	327.1257
9154	M357T22_	1.08233	0.11414	0.190231	0.854328	0.601515	UP	357.1732	357.1727
9155	M444T12	1.238663	-0.30878	-0.19419	0.854375	0.601528	DOWN	444.1472	444.1463
9156	M225T23	1.093193	-0.12855	-0.19219	0.854452	0.60155	DOWN	225.2156	225.2154
9157	M357T26	1.132321	0.179283	0.191989	0.85447	0.601555	UP	357.031	357.0306
9158	M407T30_	1.045759	-0.06455	-0.19364	0.854546	0.601576	DOWN	407.2877	407.287
9159	M439T27	1.115345	0.15749	0.189987	0.854582	0.601586	UP	439.3321	439.3312
9160	M568T29_	1.102164	-0.14034	-0.18994	0.854896	0.601674	DOWN	568.34	568.3388
9161	M620T32_	1.086556	0.119763	0.190366	0.85514	0.601743	UP	620.2865	620.2859
9162	M369T10_	1.148929	0.20029	0.191055	0.855141	0.601743	UP	369.2383	369.2376
9163	M544T28	1.10671	-0.14628	-0.19008	0.855149	0.601745	DOWN	544.3401	544.3391
9164	M387T23_	1.109563	0.149991	0.189503	0.855191	0.601757	UP	387.349	387.3452

9165	M350T27_	1.150064	0.201715	0.190338	0.855445	0.601828	UP	349.588	349.5875
9166	M720T25	1.120135	-0.16367	-0.19	0.856056	0.601999	DOWN	720.3447	720.3433
9167	M385T35_	1.079478	-0.11033	-0.18763	0.856193	0.602038	DOWN	385.1718	385.1717
9168	M432T11_	1.186258	0.246418	0.189686	0.856194	0.602038	UP	431.7054	431.7045
9169	M428T14_	1.180973	0.239976	0.189131	0.856475	0.602117	UP	428.152	428.1516
9170	M278T28_	1.087375	-0.12085	-0.1866	0.856825	0.602215	DOWN	278.1834	278.1829
9171	M278T22	1.117217	0.15991	0.187286	0.856868	0.602226	UP	278.0688	278.0683
9172	M326T26	1.142438	-0.19212	-0.18949	0.856889	0.602232	DOWN	326.2329	326.2326
9173	M240T4	1.106317	-0.14577	-0.18717	0.856929	0.602244	DOWN	240.1095	240.1092
9174	M295T26_	1.05145	-0.07238	-0.18563	0.857385	0.602371	DOWN	295.0605	295.0601
9175	M359T9_8	1.116212	-0.15861	-0.18596	0.857443	0.602387	DOWN	359.4827	359.482
9176	M242T18_	1.125732	0.170863	0.185802	0.857745	0.602472	UP	242.0689	242.0683
9177	M271T15	1.156537	0.209812	0.185466	0.857817	0.602492	UP	271.1882	271.1874
9178	M461T24_	1.105419	0.144593	0.185582	0.857957	0.602531	UP	461.2944	461.2936
9179	M486T9_3	1.132248	0.17919	0.185871	0.857977	0.602536	UP	486.3726	486.3713
9180	M236T30_	1.112503	0.153809	0.184999	0.858039	0.602554	UP	236.0563	236.056
9181	M394T29	1.1051	0.144176	0.186057	0.858056	0.602558	UP	394.2954	394.2952
9182	M570T11	1.14163	0.191095	0.185803	0.858207	0.602601	UP	570.4103	570.409
9183	M509T10_	1.137375	-0.18571	-0.18477	0.858277	0.60262	DOWN	509.1835	509.1823
9184	M319T20_	1.16005	-0.21419	-0.18693	0.858723	0.602744	DOWN	319.2828	319.2826
9185	M526T22_	1.159579	-0.2136	-0.18608	0.859286	0.602901	DOWN	526.1558	526.1556
9186	M469T14	1.17438	0.231899	0.184886	0.859324	0.602912	UP	469.1786	469.1783
9187	M195T20	1.061232	0.085741	0.187331	0.859417	0.602938	UP	195.138	195.1379
9188	M699T35	1.132694	0.179758	0.183722	0.859583	0.602984	UP	699.4899	699.4892
9189	M538T26_	1.175088	0.232769	0.184456	0.860022	0.603106	UP	538.1761	538.1756
9190	M311T37_	1.081144	0.112559	0.182404	0.860175	0.603149	UP	311.2947	311.294
9191	M286T24	1.114686	-0.15664	-0.18354	0.860722	0.603301	DOWN	286.2744	286.274
9192	M248T28_	1.109646	-0.1501	-0.18279	0.860819	0.603328	DOWN	248.2302	248.2297
9193	M398T9	1.139026	-0.1878	-0.1822	0.861036	0.603388	DOWN	398.325	398.3245
9194	M286T26	1.160788	0.215105	0.183847	0.861079	0.6034	UP	286.1103	286.1101
9195	M390T37_	1.109048	-0.14932	-0.18147	0.861129	0.603414	DOWN	390.2852	390.2848
9196	M547T31	1.087947	-0.12161	-0.18117	0.861135	0.603416	DOWN	547.3588	547.3579
9197	M412T23_	1.105283	-0.14442	-0.18088	0.861201	0.603434	DOWN	412.2847	412.2844
9198	M406T27_	1.116478	-0.15896	-0.18245	0.861336	0.603472	DOWN	406.1287	406.1282
9199	M312T20	1.108581	-0.14871	-0.18055	0.861351	0.603476	DOWN	312.1808	312.1802
9200	M401T10_	1.170787	0.227479	0.180736	0.861392	0.603487	UP	401.3229	401.3221
9201	M637T41	1.086598	-0.11982	-0.18029	0.861434	0.603499	DOWN	637.3055	637.3041
9202	M572T17_	1.199953	0.262978	0.180736	0.861474	0.60351	UP	572.0361	572.0355
9203	M536T20	1.193732	0.255479	0.181785	0.861514	0.603521	UP	536.0669	536.0663
9204	M401T12	1.129255	-0.17537	-0.18035	0.861522	0.603523	DOWN	401.2508	401.2506
9205	M219T24	1.117771	0.160625	0.183728	0.861669	0.603564	UP	219.1745	219.1742
9206	M929T10	1.164466	0.219668	0.181137	0.861857	0.603616	UP	928.6673	928.664
9207	M432T22_	1.085572	-0.11846	-0.17896	0.862424	0.603774	DOWN	432.1839	432.1837
9208	M524T31_	1.132321	0.179283	0.178667	0.862675	0.603843	UP	523.8009	523.7996
9209	M279T31_	1.129217	0.175322	0.178437	0.862819	0.603883	UP	279.0343	279.027
9210	M443T30_	1.035552	0.050399	0.179074	0.862851	0.603892	UP	442.8003	442.7999
9211	M680T18	1.078993	-0.10969	-0.17956	0.862903	0.603907	DOWN	679.513	679.511

9212	M567T22	1.176322	-0.23428	-0.18071	0.862947	0.603919	DOWN	567.1827	567.1824
9213	M379T31_	1.185747	-0.2458	-0.18348	0.86297	0.603925	DOWN	379.1399	379.1396
9214	M638T41	1.089667	-0.12389	-0.17823	0.863003	0.603934	DOWN	638.3093	638.3081
9215	M726T43	1.039204	-0.05548	-0.18156	0.863016	0.603938	DOWN	726.0088	726.0084
9216	M278T9	1.105318	0.144462	0.178504	0.86336	0.604033	UP	278.1855	278.1853
9217	M228T21	1.088907	-0.12288	-0.17793	0.864041	0.604222	DOWN	228.1597	228.1594
9218	M431T11_	1.11728	0.159991	0.177018	0.864327	0.604301	UP	431.2882	431.2875
9219	M346T30	1.041864	-0.05917	-0.17654	0.865334	0.604579	DOWN	346.2096	346.2095
9220	M401T10_	1.097781	-0.13459	-0.17783	0.865393	0.604596	DOWN	400.9765	400.9696
9221	M280T9	1.11705	-0.15969	-0.1767	0.865675	0.604673	DOWN	280.1855	280.1854
9222	M360T10_	1.118765	-0.16191	-0.17597	0.865824	0.604715	DOWN	360.2375	360.236
9223	M846T23	1.122464	0.166669	0.175066	0.8662	0.604818	UP	846.444	846.4421
9224	M740T44	1.041627	-0.05884	-0.17384	0.866352	0.60486	DOWN	740.3603	740.36
9225	M425T43	1.016575	0.023717	0.174525	0.866368	0.604865	UP	425.1093	425.1087
9226	M668T37	1.100969	0.138774	0.173939	0.866482	0.604896	UP	667.5132	667.5118
9227	M428T30	1.034558	0.049015	0.173587	0.866541	0.604912	UP	428.3088	428.308
9228	M364T31_	1.101887	-0.13998	-0.17467	0.866634	0.604938	DOWN	364.115	364.1145
9229	M519T43_	1.034876	0.049458	0.174803	0.866649	0.604942	UP	519.3665	519.3652
9230	M385T26	1.128145	0.173953	0.173191	0.867098	0.605066	UP	385.3509	385.3504
9231	M351T25_	1.179964	0.238743	0.17441	0.867209	0.605097	UP	351.053	351.0525
9232	M747T24	1.113183	0.154691	0.174045	0.867233	0.605103	UP	746.5275	746.5269
9233	M437T26	1.131915	0.178766	0.172623	0.867237	0.605104	UP	437.2604	437.2598
9234	M507T30_	1.069248	-0.0966	-0.17389	0.867252	0.605109	DOWN	507.4631	507.4622
9235	M468T40_	1.049228	0.069328	0.172862	0.867275	0.605115	UP	468.441	468.4402
9236	M287T18	1.07501	-0.10435	-0.17274	0.867542	0.605188	DOWN	287.0885	287.0884
9237	M359T9_5	1.142846	0.192631	0.172039	0.867738	0.605242	UP	359.2341	359.2326
9238	M201T23	1.10591	0.145233	0.172682	0.867921	0.605293	UP	201.1962	201.1959
9239	M291T23_	1.127479	0.173101	0.173868	0.86798	0.605309	UP	290.6086	290.6084
9240	M860T27	1.117379	0.160118	0.172299	0.868043	0.605326	UP	860.1109	860.1096
9241	M245T18	1.098618	0.13569	0.172945	0.868126	0.605349	UP	245.0473	245.0472
9242	M465T9_2	1.10554	0.144751	0.171958	0.868233	0.605379	UP	464.83	464.8289
9243	M359T22_	1.115572	0.157783	0.171762	0.868252	0.605384	UP	359.2407	359.2399
9244	M366T10_	1.164749	0.22002	0.171528	0.868383	0.60542	UP	365.5605	365.5602
9245	M523T31_	1.12541	0.17045	0.171255	0.868391	0.605422	UP	523.2992	523.298
9246	M194T13	1.073596	-0.10245	-0.17122	0.868416	0.605429	DOWN	194.0094	194.0093
9247	M249T22_	1.121187	0.165027	0.171878	0.868517	0.605457	UP	249.0789	249.0782
9248	M490T24	1.102443	0.140705	0.172005	0.868619	0.605485	UP	490.3829	490.3721
9249	M526T34	1.060678	0.084986	0.171747	0.868657	0.605495	UP	526.4105	526.4097
9250	M449T29_	1.088384	0.122187	0.170731	0.868793	0.605533	UP	449.3269	449.3265
9251	M414T19_	1.125332	0.170351	0.170623	0.868951	0.605576	UP	414.052	414.0515
9252	M245T22_	1.083985	0.116344	0.170438	0.868965	0.60558	UP	245.1062	245.1055
9253	M982T27	1.097317	-0.13398	-0.17129	0.869477	0.60572	DOWN	982.4505	982.4485
9254	M323T28_	1.08597	-0.11898	-0.17081	0.869695	0.60578	DOWN	323.2219	323.2215
9255	M508T10	1.12627	-0.17155	-0.17083	0.869827	0.605817	DOWN	508.3359	508.3342
9256	M548T31_	1.109391	0.149767	0.168993	0.870084	0.605887	UP	548.3072	548.3066
9257	M544T9	1.198248	0.260927	0.168589	0.870342	0.605958	UP	544.2433	544.2426
9258	M689T37_	1.087913	-0.12156	-0.16949	0.8704	0.605974	DOWN	689.2817	689.281

9259	M538T25	1.135348	0.183135	0.16847	0.870414	0.605978	UP	538.4316	538.4302
9260	M477T9_1	1.150787	0.202621	0.168548	0.870475	0.605994	UP	477.3097	477.3043
9261	M543T27_	1.090564	-0.12507	-0.16936	0.870542	0.606013	DOWN	543.3277	543.3268
9262	M513T27_	1.162899	-0.21773	-0.16978	0.870875	0.606104	DOWN	513.0271	513.0271
9263	M488T43	1.036178	-0.05127	-0.17171	0.870905	0.606112	DOWN	488.2694	488.2691
9264	M574T11	1.205012	0.269048	0.167874	0.870932	0.60612	UP	574.2483	574.2474
9265	M772T29	1.123239	0.167665	0.168349	0.871111	0.606169	UP	772.1865	772.1851
9266	M447T21	1.100575	0.138258	0.167357	0.871381	0.606243	UP	447.0631	447.0629
9267	M579T31	1.094845	-0.13073	-0.16812	0.871702	0.606331	DOWN	579.2929	579.2919
9268	M534T20	1.181607	0.24075	0.168102	0.871906	0.606387	UP	534.0718	534.0715
9269	M601T21	1.11991	0.163382	0.166988	0.872315	0.606499	UP	601.1147	601.1141
9270	M588T10	1.1558	0.208892	0.166085	0.872369	0.606513	UP	588.4103	588.4097
9271	M255T22_	1.11998	0.163473	0.167277	0.872528	0.606557	UP	255.0875	255.0866
9272	M419T21_	1.127018	-0.17251	-0.16658	0.872534	0.606558	DOWN	419.1366	419.136
9273	M482T36	1.094716	-0.13056	-0.1664	0.872566	0.606567	DOWN	482.4052	482.4046
9274	M359T11	1.100638	-0.13834	-0.16569	0.872577	0.60657	DOWN	359.2046	359.2043
9275	M251T28	1.076835	-0.1068	-0.16708	0.872785	0.606627	DOWN	251.2006	251.2003
9276	M295T20_	1.078446	0.108954	0.16528	0.873172	0.606733	UP	295.1907	295.1901
9277	M426T9_1	1.095912	-0.13213	-0.16505	0.873218	0.606745	DOWN	425.7747	425.7744
9278	M753T34	1.118117	0.161071	0.167714	0.873283	0.606763	UP	752.6226	752.6223
9279	M501T26	1.110095	-0.15068	-0.16521	0.873357	0.606783	DOWN	501.2807	501.2796
9280	M348T27	1.109641	0.150093	0.164734	0.873558	0.606838	UP	348.2822	348.2815
9281	M278T20	1.102855	0.141243	0.16433	0.873859	0.60692	UP	278.0671	278.0668
9282	M424T26	1.167992	-0.22403	-0.16641	0.87387	0.606923	DOWN	424.021	424.0193
9283	M281T43	1.050919	-0.07165	-0.16366	0.87406	0.606975	DOWN	281.051	281.0505
9284	M414T33_	1.061281	0.085807	0.166489	0.874307	0.607043	UP	414.2958	414.2957
9285	M582T20	1.119966	-0.16346	-0.16357	0.874354	0.607056	DOWN	582.2558	582.2554
9286	M174T15	1.103408	0.141966	0.163316	0.874458	0.607084	UP	174.1489	174.1489
9287	M328T27_	1.101869	0.139953	0.163461	0.874756	0.607165	UP	328.3002	328.2997
9288	M364T17_	1.077873	-0.10819	-0.16527	0.874795	0.607176	DOWN	364.0249	364.0243
9289	M396T19_	1.078	-0.10836	-0.1634	0.874829	0.607185	DOWN	396.0788	396.0783
9290	M408T20_	1.065697	0.091797	0.163021	0.874843	0.607189	UP	408.2285	408.2278
9291	M658T19	1.135737	0.183629	0.162496	0.874946	0.607217	UP	657.9068	657.9066
9292	M238T19	1.096532	0.132948	0.162441	0.875432	0.60735	UP	238.1884	238.1883
9293	M334T33_	1.073883	-0.10284	-0.16193	0.875701	0.607423	DOWN	334.0967	334.0962
9294	M523T31_	1.081199	-0.11263	-0.16178	0.875775	0.607443	DOWN	523.3588	523.3581
9295	M346T22_	1.092083	-0.12708	-0.16283	0.875785	0.607446	DOWN	346.2532	346.2525
9296	M800T23	1.128602	-0.17454	-0.16227	0.8761	0.607531	DOWN	799.5483	799.5477
9297	M267T29	1.11407	-0.15584	-0.16227	0.876121	0.607537	DOWN	267.1745	267.1742
9298	M583T29_	1.116296	0.15872	0.160787	0.876488	0.607637	UP	583.2997	583.2987
9299	M659T41_	1.073568	-0.10241	-0.1604	0.87655	0.607654	DOWN	659.2173	659.2157
9300	M623T29_	1.140785	0.190027	0.16073	0.87717	0.607822	UP	622.7615	622.7609
9301	M326T17	1.092018	0.126997	0.16113	0.877222	0.607836	UP	325.9882	325.9881
9302	M648T19	1.099934	0.137417	0.160246	0.877232	0.607839	UP	648.3958	648.3942
9303	M408T44	1.018623	0.02662	0.15952	0.877434	0.607894	UP	408.2229	408.2227
9304	M366T29_	1.140858	-0.19012	-0.16068	0.877807	0.607995	DOWN	365.5928	365.5926
9305	M250T7	1.201102	-0.26436	-0.1586	0.877921	0.608026	DOWN	250.1609	250.1608

9306	M566T26	1.10613	0.145521	0.157788	0.878727	0.608245	UP	566.2383	566.238
9307	M576T31	1.160074	0.214217	0.159265	0.878891	0.60829	UP	575.7689	575.7686
9308	M380T30_	1.184137	-0.24384	-0.16023	0.878929	0.6083	DOWN	380.0874	380.0869
9309	M502T20_	1.123977	-0.16861	-0.15821	0.878929	0.6083	DOWN	502.246	502.2456
9310	M313T26_	1.083409	-0.11558	-0.15804	0.87917	0.608365	DOWN	313.1222	313.1217
9311	M467T20	1.09546	-0.13154	-0.157	0.879218	0.608378	DOWN	467.3484	467.3473
9312	M447T40	1.07089	0.098811	0.157031	0.87932	0.608406	UP	447.2742	447.2729
9313	M450T21	1.085672	-0.11859	-0.15706	0.879381	0.608422	DOWN	450.3219	450.3213
9314	M301T23_	1.100152	-0.1377	-0.15673	0.879527	0.608462	DOWN	301.0759	301.0751
9315	M368T22_	1.103695	0.142341	0.156582	0.879576	0.608475	UP	368.3011	368.3008
9316	M386T25	1.107667	-0.14752	-0.15823	0.879582	0.608477	DOWN	386.3418	386.3416
9317	M203T20	1.079102	0.109831	0.157592	0.879727	0.608516	UP	203.1067	203.1063
9318	M469T40	1.048283	0.068029	0.156361	0.879828	0.608543	UP	469.4444	469.4435
9319	M347T35	1.097991	0.134866	0.156879	0.879872	0.608555	UP	347.1773	347.1767
9320	M440T26	1.149832	-0.20142	-0.15812	0.880233	0.608653	DOWN	440.2461	440.2408
9321	M311T28	1.069157	-0.09647	-0.1568	0.880331	0.60868	DOWN	311.1645	311.1638
9322	M240T21	1.087767	-0.12137	-0.15657	0.880491	0.608723	DOWN	240.1959	240.1955
9323	M667T35	1.134647	-0.18224	-0.15633	0.881018	0.608865	DOWN	667.4569	667.4562
9324	M465T10	1.153269	-0.20573	-0.15617	0.881034	0.60887	DOWN	464.8364	464.8343
9325	M286T25_	1.086867	0.120175	0.155738	0.881531	0.609004	UP	286.2742	286.2737
9326	M652T11_	1.138888	0.187625	0.1539	0.881647	0.609035	UP	652.4256	652.4254
9327	M582T26_	1.164946	0.220263	0.155998	0.881675	0.609043	UP	582.2018	582.2012
9328	M484T29_	1.083113	0.115183	0.153387	0.882264	0.609202	UP	484.3636	484.362
9329	M518T27_	1.083287	-0.11542	-0.15376	0.882407	0.60924	DOWN	518.3244	518.3235
9330	M402T25	1.091916	-0.12686	-0.15381	0.88242	0.609244	DOWN	402.3369	402.3364
9331	M546T31	1.070855	-0.09876	-0.15308	0.882428	0.609246	DOWN	546.3555	546.3545
9332	M398T30_	1.09316	-0.12851	-0.15341	0.882643	0.609304	DOWN	398.3054	398.3048
9333	M526T9	1.103321	-0.14185	-0.15361	0.88269	0.609317	DOWN	526.2915	526.2912
9334	M879T34	1.089849	0.124128	0.152362	0.882754	0.609334	UP	878.6067	878.6047
9335	M648T43_	1.026396	0.037587	0.154809	0.882797	0.609346	UP	648.4454	648.4432
9336	M482T24_	1.084787	0.117411	0.152942	0.882935	0.609383	UP	482.3477	482.3466
9337	M522T27	1.123844	-0.16844	-0.15269	0.88298	0.609395	DOWN	521.7858	521.7852
9338	M393T19_	1.123	0.167357	0.152221	0.883016	0.609405	UP	393.1325	393.1311
9339	M328T9_1	1.130126	0.176483	0.151829	0.883278	0.609475	UP	328.1998	328.1996
9340	M595T20	1.163949	0.219028	0.15292	0.883321	0.609487	UP	594.9655	594.9648
9341	M296T22	1.105498	0.144697	0.15289	0.883582	0.609557	UP	296.1142	296.1133
9342	M422T38_	1.113995	-0.15574	-0.1503	0.884905	0.609913	DOWN	422.3478	422.3475
9343	M290T27	1.118409	-0.16145	-0.14981	0.885036	0.609948	DOWN	290.2844	290.2842
9344	M275T22	1.142806	0.192581	0.150823	0.885439	0.610057	UP	274.5976	274.5973
9345	M491T23	1.090881	0.125494	0.14863	0.886015	0.610211	UP	491.2907	491.29
9346	M437T11	1.111016	0.15188	0.148022	0.886261	0.610278	UP	437.2629	437.2624
9347	M346T21_	1.077772	0.108052	0.148613	0.88637	0.610307	UP	346.2532	346.2526
9348	M1017T30	1.060148	0.084266	0.150244	0.886415	0.610319	UP	1016.674	1016.672
9349	M179T7_1	1.124004	0.168647	0.147679	0.886762	0.610412	UP	179.017	179.009
9350	M930T30	1.019711	-0.02816	-0.14712	0.886798	0.610421	DOWN	929.6254	929.6234
9351	M410T21	1.070948	-0.09889	-0.14693	0.886866	0.61044	DOWN	410.1623	410.1622
9352	M478T25	1.089849	-0.12413	-0.14767	0.887182	0.610524	DOWN	478.3146	478.314

9353	M549T11	1.131824	0.178649	0.146303	0.887458	0.610598	UP	549.151	549.1488
9354	M303T21	1.106945	0.146584	0.146054	0.887579	0.610631	UP	303.0893	303.0891
9355	M495T30	1.02094	0.029898	0.146688	0.887656	0.610651	UP	495.34	495.3394
9356	M288T26	1.089422	0.123563	0.146745	0.88766	0.610652	UP	288.2901	288.2897
9357	M499T32_	1.078007	0.108367	0.145489	0.8881	0.61077	UP	499.3823	499.3821
9358	M326T12	1.159139	0.213053	0.145218	0.888263	0.610814	UP	326.2524	326.2517
9359	M582T29_	1.079316	0.110117	0.145715	0.888317	0.610828	UP	582.4354	582.4344
9360	M395T21_	1.100325	0.137929	0.145304	0.888322	0.61083	UP	395.2256	395.2254
9361	M266T15_	1.080552	-0.11177	-0.14549	0.888457	0.610866	DOWN	266.1729	266.1726
9362	M586T30	1.067291	-0.09395	-0.14499	0.888539	0.610888	DOWN	586.4986	586.4978
9363	M260T18	1.081973	0.113664	0.144392	0.888955	0.610999	UP	260.0795	260.0791
9364	M410T24_	1.051937	0.073049	0.143827	0.889396	0.611117	UP	410.1711	410.1704
9365	M411T27	1.078944	-0.10962	-0.14361	0.8896	0.611171	DOWN	411.1451	411.1446
9366	M637T32	1.139831	0.18882	0.145684	0.889815	0.611229	UP	637.2608	637.2604
9367	M471T9_1	1.115147	0.157233	0.144636	0.889874	0.611245	UP	471.3539	471.3533
9368	M422T45	1.023015	0.032828	0.142725	0.890048	0.611291	UP	422.2383	422.2377
9369	M506T20	1.094859	-0.13074	-0.14455	0.890255	0.611346	DOWN	506.2414	506.2406
9370	M327T25	1.089422	-0.12356	-0.14346	0.890447	0.611397	DOWN	327.3373	327.3368
9371	M394T28_	1.079173	0.109927	0.142767	0.890455	0.6114	UP	394.2954	394.2949
9372	M499T26_	1.151459	0.203464	0.14435	0.89059	0.611436	UP	499.1444	499.1442
9373	M788T21	1.131993	-0.17886	-0.14209	0.890609	0.611441	DOWN	788.2647	788.2645
9374	M541T29_	1.077553	-0.10776	-0.14229	0.890858	0.611507	DOWN	541.4041	541.4032
9375	M236T19_	1.09468	-0.13051	-0.14288	0.890898	0.611518	DOWN	236.0563	236.0561
9376	M736T29_	1.062088	0.086904	0.142368	0.891116	0.611576	UP	736.1779	736.1771
9377	M425T18_	1.102531	0.140819	0.141225	0.891184	0.611594	UP	425.3856	425.3849
9378	M350T9_7	1.096114	0.132397	0.140406	0.89194	0.611796	UP	350.2069	350.2062
9379	M591T7	1.191185	-0.2524	-0.14045	0.892229	0.611872	DOWN	591.2425	591.2419
9380	M384T18_	1.108085	0.148068	0.140648	0.89227	0.611883	UP	384.1839	384.1799
9381	M508T20	1.093314	-0.12871	-0.14149	0.892417	0.611923	DOWN	508.2372	508.2362
9382	M413T21_	1.097701	0.134485	0.140082	0.89258	0.611966	UP	413.161	413.1608
9383	M477T19	1.08205	-0.11377	-0.13953	0.89261	0.611974	DOWN	477.2637	477.2635
9384	M164T29	1.09356	-0.12903	-0.14034	0.892661	0.611987	DOWN	164.0787	164.0785
9385	M323T28_	1.062468	-0.08742	-0.13901	0.893106	0.612106	DOWN	323.2411	323.2409
9386	M342T26	1.08223	-0.11401	-0.13924	0.893133	0.612113	DOWN	342.2276	342.227
9387	M650T41_	1.064179	-0.08974	-0.13866	0.893149	0.612117	DOWN	649.5015	649.5
9388	M439T20	1.082272	0.114063	0.138889	0.893185	0.612127	UP	439.3646	439.3632
9389	M502T11	1.149962	0.201586	0.138881	0.893452	0.612198	UP	502.1736	502.1724
9390	M203T14	1.125263	0.170262	0.140293	0.893495	0.612209	UP	203.0366	203.0363
9391	M471T40	1.058706	0.082302	0.13894	0.893581	0.612232	UP	471.3974	471.3966
9392	M246T15	1.079522	0.110392	0.138936	0.893587	0.612234	UP	246.1702	246.1696
9393	M429T20	1.072757	0.101323	0.138548	0.893589	0.612234	UP	429.225	429.2242
9394	M222T10	1.159322	-0.21328	-0.13853	0.893764	0.61228	DOWN	221.5897	221.5895
9395	M509T30_	1.071178	0.099198	0.137856	0.893764	0.61228	UP	509.3431	509.3423
9396	M240T25	1.078047	-0.10842	-0.14158	0.893829	0.612298	DOWN	240.1314	240.131
9397	M863T25	1.108443	0.148534	0.137841	0.89383	0.612298	UP	862.611	862.6102
9398	M241T22_	1.075026	0.104372	0.138211	0.893895	0.612315	UP	241.0762	241.076
9399	M216T10_	1.160099	0.214248	0.13744	0.894172	0.612389	UP	216.1402	216.1402

9400	M168T19	1.091231	-0.12596	-0.13832	0.894295	0.612422	DOWN	167.9937	167.9933
9401	M415T18_	1.085104	0.117833	0.137438	0.894563	0.612493	UP	415.2932	415.2924
9402	M458T26	1.126967	-0.17244	-0.13633	0.895021	0.612614	DOWN	458.239	458.2383
9403	M274T20	1.07202	0.100332	0.1376	0.895297	0.612687	UP	274.2743	274.2735
9404	M391T17_	1.106969	-0.14661	-0.13782	0.895521	0.612747	DOWN	391.1319	391.1315
9405	M382T17	1.083793	0.116089	0.135965	0.895542	0.612752	UP	382.3149	382.3146
9406	M211T17	1.100797	0.138549	0.136375	0.895735	0.612803	UP	210.9689	210.9687
9407	M435T34	1.060792	0.085142	0.136373	0.895888	0.612844	UP	435.3446	435.3442
9408	M792T29_	1.064919	-0.09074	-0.13842	0.895918	0.612852	DOWN	792.3662	792.3651
9409	M438T13_	1.03606	-0.05111	-0.13501	0.896025	0.61288	DOWN	438.3218	438.3216
9410	M595T29	1.100403	0.138032	0.134615	0.896424	0.612986	UP	595.2999	595.2992
9411	M223T11	1.066983	0.093537	0.134794	0.896846	0.613097	UP	223.054	223.0535
9412	M801T23_	1.10643	-0.14591	-0.13453	0.897016	0.613143	DOWN	800.5516	800.5512
9413	M378T31_	1.049796	-0.07011	-0.13339	0.897182	0.613186	DOWN	378.2487	378.2483
9414	M504T25	1.102388	-0.14063	-0.13404	0.897376	0.613238	DOWN	504.3222	504.3221
9415	M313T19_	1.062303	0.087195	0.136345	0.897477	0.613264	UP	313.1213	313.1212
9416	M725T11_	1.087128	-0.12052	-0.1334	0.897538	0.61328	DOWN	725.3144	725.3123
9417	M466T44	1.026109	0.037183	0.134238	0.897674	0.613316	UP	466.2647	466.2639
9418	M243T27	1.082001	0.113702	0.132485	0.898099	0.613429	UP	243.2877	243.2875
9419	M326T23_	1.073664	-0.10254	-0.13329	0.898153	0.613443	DOWN	326.3249	326.3246
9420	M367T10_	1.149323	0.200785	0.132155	0.898194	0.613454	UP	366.6593	366.659
9421	M435T28	1.063156	-0.08835	-0.13211	0.898201	0.613455	DOWN	435.2954	435.2951
9422	M333T32_	1.077473	0.107652	0.132495	0.898372	0.613501	UP	333.2637	333.2634
9423	M300T22_	1.093865	0.129434	0.132862	0.898397	0.613507	UP	300.0898	300.0894
9424	M311T23_	1.114697	0.156651	0.132474	0.898569	0.613553	UP	310.9842	310.9841
9425	M454T9_7	1.074104	-0.10313	-0.13169	0.898612	0.613564	DOWN	454.3465	454.3446
9426	M327T27_	1.070131	-0.09779	-0.13218	0.898751	0.613601	DOWN	327.0783	327.0777
9427	M443T18_	1.07215	0.100507	0.131565	0.898776	0.613607	UP	443.3963	443.3948
9428	M358T18_	1.114303	-0.15614	-0.13333	0.898794	0.613612	DOWN	357.9568	357.9562
9429	M457T21_	1.087373	0.120846	0.131744	0.899033	0.613675	UP	457.1799	457.179
9430	M429T10_	1.102136	-0.1403	-0.13223	0.899117	0.613697	DOWN	429.2728	429.2722
9431	M233T10_	1.063084	0.088256	0.13078	0.899185	0.613715	UP	233.0912	233.0905
9432	M437T33_	1.040946	0.057895	0.132139	0.899286	0.613742	UP	437.3121	437.3114
9433	M310T32	1.059273	-0.08307	-0.13027	0.899568	0.613816	DOWN	310.238	310.2379
9434	M251T34	1.063989	0.089483	0.130484	0.899739	0.613861	UP	251.2007	251.2003
9435	M350T32_	1.077979	0.108329	0.129872	0.900083	0.613952	UP	350.2904	350.2901
9436	M295T23	1.056602	0.079431	0.131966	0.900411	0.614038	UP	295.1179	295.1174
9437	M389T11_	1.146656	-0.19743	-0.13127	0.900485	0.614057	DOWN	388.9656	388.9654
9438	M289T23_	1.076384	0.106193	0.130357	0.900568	0.614079	UP	289.176	289.1756
9439	M285T27	1.066402	-0.09275	-0.12887	0.90087	0.614159	DOWN	285.1124	285.112
9440	M315T23_	1.078217	0.108647	0.129226	0.900918	0.614172	UP	314.6125	314.6121
9441	M451T9_3	1.104891	-0.1439	-0.12926	0.901036	0.614202	DOWN	451.2526	451.2523
9442	M295T9_1	1.104714	0.143673	0.129938	0.901082	0.614215	UP	294.861	294.8606
9443	M434T23_	1.062372	0.087289	0.129313	0.901217	0.61425	UP	434.2445	434.2434
9444	M398T30_	1.086779	0.120058	0.128007	0.90131	0.614275	UP	397.9402	397.9396
9445	M213T19_	1.072159	-0.10052	-0.12868	0.901426	0.614305	DOWN	213.0774	213.0769
9446	M257T20	1.06106	-0.08551	-0.12855	0.901437	0.614308	DOWN	257.2225	257.2224

9447	M719T27	1.086013	0.119042	0.128433	0.901485	0.614321	UP	719.4993	719.4989
9448	M349T9_6	1.137418	0.185763	0.128123	0.90151	0.614327	UP	349.3847	349.3845
9449	M213T20	1.05094	0.07168	0.129214	0.901533	0.614333	UP	213.1486	213.1484
9450	M538T20	1.128706	-0.17467	-0.12911	0.901554	0.614339	DOWN	538.0671	538.0662
9451	M332T29	1.060445	-0.08467	-0.12755	0.901894	0.614428	DOWN	332.3161	332.3156
9452	M426T21_	1.09716	0.133774	0.12734	0.90196	0.614445	UP	426.1369	426.1368
9453	M553T22_	1.070385	0.098129	0.127588	0.902137	0.614492	UP	553.2267	553.2254
9454	M295T28_	1.084211	0.116645	0.126967	0.902358	0.61455	UP	295.3813	295.381
9455	M225T21	1.049267	-0.06938	-0.12741	0.902445	0.614573	DOWN	225.0913	225.0911
9456	M494T28_	1.065494	-0.09152	-0.12687	0.902645	0.614625	DOWN	494.3242	494.3234
9457	M773T32	1.141415	-0.19082	-0.12834	0.902925	0.614699	DOWN	773.0684	773.0677
9458	M641T32	1.079706	0.110639	0.126694	0.902988	0.614715	UP	641.4482	641.4472
9459	M323T21	1.092811	-0.12804	-0.12579	0.903006	0.61472	DOWN	323.0945	323.0942
9460	M349T9_3	1.094021	0.129641	0.12681	0.903035	0.614727	UP	349.2651	349.264
9461	M571T35	1.091133	-0.12583	-0.12688	0.903316	0.614801	DOWN	571.4613	571.4606
9462	M191T26_	1.06447	-0.09014	-0.1255	0.903468	0.614841	DOWN	191.0855	191.0853
9463	M426T32	1.080868	0.112191	0.125067	0.903703	0.614903	UP	426.3062	426.3057
9464	M369T10_	1.071768	0.099993	0.127292	0.903762	0.614918	UP	369.2572	369.2523
9465	M374T9_1	1.125437	-0.17049	-0.12476	0.903879	0.614949	DOWN	374.1723	374.1704
9466	M229T27	1.072936	0.101564	0.124744	0.903943	0.614966	UP	229.1992	229.199
9467	M417T19	1.087722	-0.12131	-0.12505	0.90458	0.615132	DOWN	417.3001	417.2995
9468	M425T29	1.057844	0.081127	0.124011	0.904581	0.615132	UP	425.3385	425.3377
9469	M600T29_	1.081868	-0.11352	-0.12461	0.904613	0.615141	DOWN	600.4402	600.4394
9470	M398T11	1.078841	0.109482	0.123889	0.904834	0.615199	UP	398.2908	398.2903
9471	M169T28	1.07654	0.106401	0.123387	0.90493	0.615224	UP	168.997	168.9969
9472	M404T22_	1.07275	-0.10131	-0.12458	0.904988	0.615239	DOWN	404.2993	404.2992
9473	M631T18	1.125869	0.171039	0.123658	0.905289	0.615318	UP	631.1332	631.1323
9474	M274T10	1.099501	0.136849	0.123904	0.905613	0.615402	UP	274.2013	274.2006
9475	M496T28	1.061705	-0.08638	-0.12245	0.905823	0.615457	DOWN	496.3301	496.3297
9476	M351T17	1.095766	-0.13194	-0.12401	0.905915	0.615481	DOWN	351.1088	351.1084
9477	M342T35	1.06099	-0.08541	-0.1223	0.906409	0.61561	DOWN	342.2695	342.269
9478	M547T9	1.074344	-0.10346	-0.12172	0.906566	0.615651	DOWN	547.3318	547.3311
9479	M414T22_	1.058587	0.08214	0.122013	0.906731	0.615694	UP	414.2853	414.2843
9480	M327T35	1.054439	0.076475	0.121002	0.906836	0.615722	UP	327.3816	327.3809
9481	M403T16_	1.071343	0.09942	0.122815	0.907114	0.615794	UP	403.0018	403.0006
9482	M666T26	1.139055	-0.18784	-0.12281	0.907139	0.615801	DOWN	666.3127	666.3122
9483	M376T20_	1.053159	0.074723	0.120177	0.907311	0.615846	UP	376.3214	376.3208
9484	M196T31	1.072405	0.10085	0.12004	0.907412	0.615872	UP	196.0968	196.0966
9485	M1290T25	1.126385	-0.1717	-0.12074	0.907554	0.615909	DOWN	1289.947	1289.946
9486	M592T10	1.102943	0.141359	0.120317	0.907555	0.615909	UP	592.209	592.2069
9487	M332T23_	1.07224	-0.10063	-0.12048	0.907907	0.616001	DOWN	332.2798	332.2795
9488	M427T22_	1.036572	-0.05182	-0.12049	0.90796	0.616015	DOWN	426.9753	426.9749
9489	M318T20_	1.092833	-0.12807	-0.12115	0.908038	0.616035	DOWN	318.2795	318.2789
9490	M455T24_	1.074455	-0.1036	-0.12024	0.908189	0.616075	DOWN	455.1841	455.1839
9491	M338T25	1.083867	-0.11619	-0.11916	0.908813	0.616237	DOWN	338.2628	338.2625
9492	M207T30_	1.1181	-0.16105	-0.12085	0.908816	0.616238	DOWN	207.1381	207.1379
9493	M854T9	1.119776	0.16321	0.118124	0.909064	0.616302	UP	853.6268	853.6247

9494	M316T18	1.054223	0.07618	0.117995	0.909106	0.616313	UP	316.2486	316.2481
9495	M234T20	1.069142	-0.09645	-0.11804	0.909298	0.616363	DOWN	234.0949	234.0944
9496	M847T23	1.083734	0.116011	0.11831	0.909403	0.616391	UP	847.4472	847.4456
9497	M866T37	1.10693	0.146564	0.119458	0.90957	0.616434	UP	865.6522	865.6503
9498	M600T31_	1.052981	-0.07448	-0.1176	0.909755	0.616482	DOWN	600.2609	600.2597
9499	M306T32_	1.073143	-0.10184	-0.11791	0.909831	0.616502	DOWN	306.0914	306.0912
9500	M341T31_	1.052804	-0.07424	-0.11669	0.91001	0.616548	DOWN	341.3164	341.3157
9501	M293T9_1	1.082636	0.114549	0.117364	0.910168	0.616589	UP	292.6936	292.6934
9502	M494T27_	1.066177	0.092447	0.117004	0.910212	0.616601	UP	494.3243	494.3235
9503	M293T22	1.081903	0.113571	0.117488	0.910273	0.616616	UP	293.1156	293.115
9504	M293T28_	1.07766	0.107903	0.116331	0.910456	0.616664	UP	293.2603	293.2601
9505	M675T35	1.084279	0.116736	0.116584	0.910673	0.61672	UP	675.4985	675.498
9506	M286T22	1.07093	-0.09886	-0.11635	0.910686	0.616724	DOWN	286.1889	286.1885
9507	M307T22_	1.06918	0.096505	0.116109	0.910732	0.616736	UP	307.2484	307.2483
9508	M410T19_	1.090976	0.12562	0.11547	0.911098	0.616831	UP	410.0562	410.0561
9509	M466T40	1.06761	0.094384	0.115904	0.911287	0.61688	UP	465.5121	465.5115
9510	M327T17_	1.081096	-0.11249	-0.11659	0.911343	0.616894	DOWN	327.0892	327.0891
9511	M672T23	1.068028	0.09495	0.115539	0.911374	0.616902	UP	672.2448	672.2434
9512	M352T9	1.109545	0.149968	0.115618	0.911397	0.616908	UP	351.7529	351.7518
9513	M442T29	1.073772	0.102687	0.115272	0.911519	0.61694	UP	442.3646	442.3641
9514	M383T33_	1.055393	0.07778	0.114839	0.911868	0.61703	UP	383.2258	383.2256
9515	M455T21_	1.075659	0.10522	0.114535	0.912188	0.617113	UP	455.1845	455.1833
9516	M594T28_	1.054198	0.076146	0.114393	0.912258	0.617131	UP	594.161	594.1602
9517	M587T27	1.080831	-0.11214	-0.11466	0.912283	0.617138	DOWN	587.4199	587.4196
9518	M313T26_	1.076327	0.106116	0.114622	0.912298	0.617142	UP	313.1798	313.1794
9519	M661T22	1.08806	0.121759	0.11379	0.912391	0.617166	UP	661.2538	661.2532
9520	M456T27	1.077714	0.107975	0.114102	0.912554	0.617208	UP	456.1472	456.1469
9521	M372T10_	1.066735	0.093201	0.114352	0.912568	0.617212	UP	372.215	372.2143
9522	M471T30	1.013447	-0.01927	-0.11304	0.912839	0.617282	DOWN	471.3317	471.3308
9523	M496T11	1.107738	-0.14762	-0.11579	0.912872	0.61729	DOWN	496.1368	496.1353
9524	M371T10_	1.086082	0.119133	0.113065	0.913185	0.617371	UP	370.7178	370.7177
9525	M362T31_	1.042384	0.059886	0.112866	0.913223	0.617381	UP	362.2255	362.2249
9526	M399T27_	1.049571	-0.0698	-0.11244	0.913341	0.617412	DOWN	399.3094	399.3084
9527	M313T23_	1.060746	0.085079	0.112517	0.9138	0.61753	UP	313.3213	313.3209
9528	M301T31_	1.043206	-0.06102	-0.11181	0.91389	0.617553	DOWN	301.1412	301.1407
9529	M420T24	1.054178	-0.07612	-0.11189	0.91403	0.61759	DOWN	420.2017	420.2012
9530	M660T41_	1.066624	-0.09305	-0.11117	0.914231	0.617642	DOWN	660.232	660.2306
9531	M239T22	1.030406	0.043213	0.111542	0.914308	0.617662	UP	239.062	239.0617
9532	M592T11_	1.113721	0.155388	0.112431	0.914446	0.617697	UP	591.7953	591.7946
9533	M359T16	1.094985	-0.13091	-0.11106	0.914482	0.617707	DOWN	359.2546	359.2545
9534	M285T18_	1.071737	0.099951	0.110545	0.915126	0.617873	UP	285.091	285.0903
9535	M688T21_	1.092346	-0.12743	-0.11021	0.915168	0.617884	DOWN	688.3392	688.3387
9536	M494T25	1.087845	0.121473	0.109596	0.915453	0.617957	UP	494.4052	494.4045
9537	M271T10	1.100578	-0.13826	-0.11183	0.915574	0.617988	DOWN	270.7279	270.7273
9538	M754T35	1.070208	-0.09789	-0.11036	0.915714	0.618024	DOWN	753.6265	753.6256
9539	M464T23_	1.088575	-0.12244	-0.10984	0.915837	0.618056	DOWN	464.0457	464.0366
9540	M325T12	1.118906	0.162089	0.109036	0.915925	0.618079	UP	325.2489	325.2486

9541	M321T17_	1.054298	-0.07628	-0.1092	0.915927	0.618079	DOWN	321.0263	321.0261
9542	M635T21_	1.079572	0.11046	0.109455	0.916004	0.618099	UP	634.9973	634.9972
9543	M334T20	1.111934	-0.15307	-0.11005	0.916203	0.61815	DOWN	334.0741	334.0739
9544	M790T45	1.024889	0.035468	0.109881	0.916369	0.618193	UP	789.6135	789.6122
9545	M442T22_	1.088148	-0.12187	-0.10843	0.916605	0.618254	DOWN	442.1316	442.1313
9546	M444T18_	1.09393	0.129521	0.108442	0.916698	0.618278	UP	444.0856	444.085
9547	M847T42	1.035242	0.049967	0.107698	0.916898	0.618329	UP	846.6165	846.616
9548	M720T20	1.080693	-0.11196	-0.10818	0.916921	0.618335	DOWN	720.415	720.4146
9549	M537T20	1.114367	0.156225	0.108638	0.917012	0.618359	UP	537.0703	537.0701
9550	M293T35	1.070964	-0.09891	-0.10835	0.917139	0.618391	DOWN	293.288	293.2876
9551	M395T20	1.099828	0.137278	0.1081	0.917296	0.618432	UP	395.1155	395.1154
9552	M434T11_	1.101122	0.138974	0.108334	0.917297	0.618432	UP	434.2559	434.2557
9553	M247T28	1.060362	-0.08456	-0.10788	0.917426	0.618465	DOWN	247.2269	247.2265
9554	M491T26_	1.054426	0.076458	0.107121	0.917477	0.618478	UP	491.3269	491.3264
9555	M210T18	1.058259	-0.08169	-0.10765	0.917485	0.61848	DOWN	210.157	210.1565
9556	M516T21	1.075342	-0.1048	-0.10879	0.917703	0.618537	DOWN	516.0536	516.0526
9557	M320T20	1.064471	-0.09014	-0.10754	0.917708	0.618538	DOWN	320.0413	320.0405
9558	M289T17	1.051628	0.072624	0.106109	0.918168	0.618656	UP	289.2012	289.2006
9559	M223T24	1.078641	0.109215	0.106155	0.918237	0.618674	UP	223.1119	223.1116
9560	M553T11	1.077991	0.108346	0.106031	0.918272	0.618683	UP	553.1472	553.1446
9561	M542T27_	1.054179	-0.07612	-0.10634	0.918443	0.618726	DOWN	542.3243	542.3235
9562	M347T21_	1.05593	0.078515	0.106311	0.918515	0.618745	UP	347.2567	347.2559
9563	M312T37	1.050705	0.071357	0.105656	0.918701	0.618793	UP	312.298	312.2977
9564	M398T24	1.073759	-0.10267	-0.10597	0.918838	0.618828	DOWN	398.363	398.3624
9565	M302T31_	1.047807	-0.06737	-0.10537	0.918976	0.618864	DOWN	302.1444	302.144
9566	M401T10_	1.081043	0.112424	0.105327	0.919014	0.618873	UP	401.4436	401.4419
9567	M385T11	1.07592	-0.10557	-0.10506	0.919158	0.61891	DOWN	385.1993	385.1979
9568	M365T41	1.027944	0.039762	0.106142	0.919208	0.618923	UP	365.3458	365.3456
9569	M344T22	1.062726	0.08777	0.104977	0.919268	0.618938	UP	344.3357	344.3348
9570	M382T23_	1.057849	0.081134	0.104575	0.919697	0.619049	UP	382.3147	382.3144
9571	M609T11	1.076533	-0.10639	-0.10389	0.920027	0.619133	DOWN	609.3996	609.3983
9572	M434T45_	1.01485	0.021267	0.103578	0.92038	0.619224	UP	434.2744	434.2739
9573	M400T22_	1.059177	0.082944	0.103736	0.920398	0.619228	UP	400.2852	400.2847
9574	M461T24_	1.066511	-0.0929	-0.10477	0.920448	0.619241	DOWN	461.211	461.2101
9575	M444T18_	1.054598	-0.07669	-0.10365	0.920522	0.61926	DOWN	444.3998	444.3991
9576	M437T23_	1.078964	-0.10965	-0.10382	0.920554	0.619268	DOWN	436.9966	436.9963
9577	M273T29_	1.054396	-0.07642	-0.10353	0.920658	0.619295	DOWN	273.185	273.1847
9578	M314T33_	1.083419	0.115591	0.103959	0.920732	0.619314	UP	314.1508	314.1505
9579	M256T19_	1.05439	0.076408	0.102514	0.921167	0.619425	UP	256.064	256.0634
9580	M422T22_	1.056301	-0.07902	-0.10202	0.92127	0.619451	DOWN	422.3425	422.3418
9581	M459T24_	1.055862	-0.07842	-0.10263	0.921546	0.619522	DOWN	459.2154	459.2144
9582	M572T29_	1.034878	0.049461	0.101533	0.921717	0.619566	UP	572.2643	572.2636
9583	M277T20	1.072817	0.101404	0.101854	0.921852	0.6196	UP	277.1437	277.1431
9584	M300T9	1.072957	-0.10159	-0.10173	0.921893	0.619611	DOWN	300.1987	300.1983
9585	M262T32	1.046237	0.06521	0.101388	0.922069	0.619656	UP	262.2459	262.2455
9586	M603T21_	1.072508	0.100988	0.101492	0.922105	0.619665	UP	603.1108	603.1103
9587	M542T19_	1.079772	0.110727	0.100812	0.922254	0.619703	UP	542.0095	542.0092

9588	M171T40	1.01345	-0.01928	-0.10048	0.922471	0.619758	DOWN	171.138	171.1378
9589	M468T26	1.050148	0.070592	0.100338	0.92272	0.619822	UP	468.3087	468.3078
9590	M399T9_3	1.081746	-0.11336	-0.10018	0.922747	0.619829	DOWN	399.3283	399.3278
9591	M444T27	1.054945	0.077168	0.100033	0.92282	0.619848	UP	444.1834	444.1832
9592	M431T22_	1.092981	0.128268	0.099875	0.922907	0.61987	UP	431.0127	431.0124
9593	M381T17_	1.049237	0.06934	0.100529	0.922917	0.619872	UP	381.3114	381.3108
9594	M486T18	1.087903	0.12155	0.100386	0.922936	0.619877	UP	486.1084	486.1078
9595	M268T23	1.082279	0.114072	0.100746	0.923239	0.619954	UP	268.0997	268.0994
9596	M502T20_	1.089521	-0.12369	-0.10107	0.92339	0.619993	DOWN	502.3145	502.3142
9597	M381T23_	1.054062	0.075959	0.099637	0.923542	0.620032	UP	381.3113	381.3107
9598	M635T10	1.08011	-0.11118	-0.09944	0.923799	0.620097	DOWN	635.4001	635.3979
9599	M540T44_	1.011375	0.016318	0.098732	0.923805	0.620099	UP	540.3868	540.3857
9600	M848T23	1.071497	-0.09963	-0.09933	0.923846	0.620109	DOWN	848.4506	848.4493
9601	M580T30	1.061358	0.085911	0.098524	0.924052	0.620162	UP	580.3997	580.3991
9602	M300T23	1.057654	-0.08087	-0.09881	0.924058	0.620163	DOWN	300.0725	300.072
9603	M673T23	1.059173	0.082938	0.098645	0.924223	0.620205	UP	673.2482	673.2473
9604	M548T33_	1.05047	0.071035	0.098227	0.924247	0.620212	UP	548.407	548.4066
9605	M476T7_1	1.111027	-0.15189	-0.0978	0.924694	0.620325	DOWN	476.3278	476.3272
9606	M214T19	1.049863	-0.0702	-0.09788	0.924795	0.620351	DOWN	214.0699	214.0694
9607	M435T23_	1.069504	-0.09694	-0.09806	0.925086	0.620425	DOWN	435.0011	435.0004
9608	M238T32	1.071531	0.099673	0.097202	0.925212	0.620457	UP	238.1884	238.1882
9609	M412T20	1.059868	-0.08388	-0.09718	0.925416	0.620509	DOWN	412.0675	412.0672
9610	M314T23_	1.052737	0.074145	0.097268	0.925427	0.620512	UP	314.3247	314.3243
9611	M519T23_	1.049518	0.069726	0.09655	0.925484	0.620527	UP	519.0587	519.0587
9612	M319T22_	1.061568	-0.0862	-0.09688	0.925716	0.620586	DOWN	319.187	319.1861
9613	M363T9_1	1.064812	-0.0906	-0.09773	0.925793	0.620605	DOWN	362.9868	362.9862
9614	M306T28_	1.049685	0.069956	0.096272	0.92606	0.620673	UP	306.3067	306.3062
9615	M653T23_	1.088908	-0.12288	-0.09788	0.926152	0.620696	DOWN	652.8616	652.8612
9616	M504T30	1.055264	-0.0776	-0.0956	0.926225	0.620715	DOWN	504.3084	504.3077
9617	M535T31	1.091772	0.126672	0.096211	0.926617	0.620815	UP	535.0052	535.0046
9618	M494T24	1.02783	-0.0396	-0.09574	0.926745	0.620847	DOWN	494.2765	494.2764
9619	M337T9	1.041459	-0.05861	-0.0953	0.926784	0.620857	DOWN	337.2318	337.2308
9620	M238T25_	1.090512	0.125006	0.095559	0.927003	0.620913	UP	238.1884	238.1882
9621	M673T26	1.057429	0.080561	0.094616	0.927453	0.621027	UP	673.2484	673.2469
9622	M659T35_	1.071221	-0.09926	-0.09535	0.92753	0.621047	DOWN	658.5107	658.5099
9623	M407T13	1.090279	0.124697	0.095524	0.927562	0.621054	UP	407.1056	407.1053
9624	M388T20	1.089402	-0.12354	-0.09497	0.927674	0.621083	DOWN	388.1413	388.1409
9625	M771T41	1.047402	0.066815	0.093658	0.927698	0.621089	UP	771.3831	771.3816
9626	M697T10_	1.073177	0.101888	0.093778	0.92773	0.621097	UP	697.2024	697.2004
9627	M361T22_	1.067771	-0.0946	-0.09488	0.927737	0.621099	DOWN	360.9549	360.9546
9628	M290T38	1.058971	0.082663	0.093883	0.927789	0.621112	UP	290.2772	290.277
9629	M505T20	1.063423	0.088716	0.093983	0.927973	0.621159	UP	505.2446	505.2438
9630	M660T18	1.082378	0.114205	0.09345	0.928316	0.621246	UP	660.1314	660.1311
9631	M397T23_	1.073362	0.102137	0.09268	0.92861	0.62132	UP	397.0948	397.0944
9632	M278T19_	1.078773	0.109391	0.092565	0.928796	0.621367	UP	278.1469	278.1463
9633	M631T27	1.060779	0.085124	0.092596	0.92885	0.621381	UP	631.4463	631.4456
9634	M275T35	1.051652	0.072657	0.092319	0.929115	0.621448	UP	275.2582	275.2577

9635	M819T24	1.067308	0.093976	0.091714	0.929396	0.621519	UP	818.5853	818.5843
9636	M1155T30	1.052343	0.073606	0.091469	0.929514	0.621549	UP	1154.525	1154.523
9637	M212T19	1.046453	0.065508	0.09162	0.92962	0.621576	UP	212.0742	212.0736
9638	M476T15	1.056681	0.07954	0.091142	0.929643	0.621582	UP	476.1579	476.1578
9639	M774T30	1.076103	0.105816	0.091626	0.929721	0.621601	UP	774.2013	774.2007
9640	M312T30_	1.039574	-0.05599	-0.09133	0.929844	0.621633	DOWN	312.2535	312.2532
9641	M816T30	1.099769	0.1372	0.09109	0.92991	0.621649	UP	815.5254	815.5244
9642	M224T21_	1.051412	0.072328	0.090648	0.93021	0.621725	UP	224.1728	224.1723
9643	M596T29_	1.065551	0.0916	0.090425	0.930375	0.621767	UP	595.8015	595.8009
9644	M527T18	1.072009	0.100317	0.090384	0.93055	0.621811	UP	527.1354	527.1349
9645	M472T22_	1.079363	-0.11018	-0.0909	0.930584	0.62182	DOWN	472.117	472.1159
9646	M383T29	1.029909	0.042518	0.089856	0.93062	0.621829	UP	383.167	383.1665
9647	M315T23_	1.064145	-0.08969	-0.09091	0.930687	0.621846	DOWN	314.98	314.9796
9648	M366T11_	1.077954	0.108296	0.08965	0.930827	0.621881	UP	365.9619	365.9614
9649	M228T22_	1.047141	-0.06646	-0.09055	0.930874	0.621893	DOWN	228.2041	228.2036
9650	M267T39	1.022943	-0.03273	-0.09186	0.930928	0.621907	DOWN	267.2107	267.2106
9651	M389T17	1.084713	0.117313	0.09026	0.930935	0.621908	UP	389.0321	389.0276
9652	M477T34_	1.062709	0.087746	0.089786	0.930952	0.621913	UP	477.3396	477.3388
9653	M427T30	1.011427	0.016393	0.089459	0.931096	0.621949	UP	427.3055	427.3047
9654	M329T27	1.067703	-0.09451	-0.0894	0.931139	0.62196	DOWN	329.3034	329.3033
9655	M494T29_	1.055179	-0.07749	-0.08937	0.931165	0.621966	DOWN	494.3241	494.3232
9656	M326T37	1.03805	0.053877	0.08912	0.931179	0.62197	UP	326.3248	326.3246
9657	M531T11	1.085986	-0.11901	-0.09007	0.9314	0.622026	DOWN	531.128	531.1267
9658	M175T28	1.04417	-0.06236	-0.0891	0.931636	0.622085	DOWN	175.1117	175.1117
9659	M437T21	1.050958	0.071704	0.088838	0.931699	0.622101	UP	437.1936	437.1927
9660	M815T30	1.097008	0.133574	0.088681	0.931781	0.622122	UP	814.5216	814.5204
9661	M418T9_2	1.045331	-0.06396	-0.08827	0.93232	0.622258	DOWN	418.2549	418.2542
9662	M355T29	1.052169	0.073367	0.087646	0.932354	0.622267	UP	355.2245	355.224
9663	M162T33	1.05918	-0.08295	-0.08803	0.932488	0.6223	DOWN	162.0841	162.0839
9664	M373T10_	1.044349	-0.0626	-0.08844	0.932648	0.622341	DOWN	372.7163	372.7156
9665	M691T30_	1.090599	0.125121	0.087767	0.932872	0.622397	UP	691.2208	691.2201
9666	M730T10	1.07692	-0.10691	-0.08764	0.933005	0.622431	DOWN	729.5265	729.5261
9667	M386T24_	1.048805	0.068746	0.087196	0.933121	0.62246	UP	386.342	386.3415
9668	M337T29	1.05824	-0.08167	-0.08567	0.93429	0.622754	DOWN	337.2867	337.2862
9669	M880T34	1.054506	0.076567	0.085148	0.93436	0.622772	UP	879.61	879.6081
9670	M526T35	1.074751	0.104003	0.084677	0.934693	0.622855	UP	526.4315	526.431
9671	M453T27	1.056152	0.078818	0.084551	0.934898	0.622907	UP	453.1685	453.1675
9672	M436T20_	1.078642	0.109215	0.084891	0.935272	0.623001	UP	436.1422	436.1417
9673	M557T21	1.065555	0.091606	0.083934	0.935326	0.623014	UP	557.09	557.0899
9674	M414T23_	1.05234	-0.0736	-0.08378	0.935349	0.62302	DOWN	414.3693	414.3689
9675	M321T31_	1.047903	0.067505	0.083685	0.935441	0.623043	UP	321.1665	321.1663
9676	M450T20	1.044399	-0.06267	-0.08401	0.935459	0.623048	DOWN	450.3219	450.3208
9677	M377T41	1.020709	0.029572	0.083607	0.935491	0.623056	UP	377.2293	377.2287
9678	M270T25_	1.051433	0.072356	0.083554	0.935774	0.623127	UP	270.1491	270.1487
9679	M351T10_	1.070759	0.098634	0.083542	0.935816	0.623137	UP	351.2512	351.2499
9680	M328T37	1.043373	-0.06125	-0.08317	0.936086	0.623205	DOWN	328.3213	328.3209
9681	M639T32	1.067497	-0.09423	-0.08267	0.93622	0.623239	DOWN	639.2716	639.2704

9682	M397T23_	1.03627	0.0514	0.083266	0.936232	0.623242	UP	397.201	397.2003
9683	M327T32	1.022405	-0.03197	-0.08333	0.93632	0.623264	DOWN	327.1959	327.1958
9684	M478T23_	1.056736	0.079616	0.083059	0.936345	0.62327	UP	478.0231	478.0225
9685	M458T24_	1.045874	0.064709	0.082994	0.936378	0.623278	UP	458.3478	458.3466
9686	M209T26	1.044337	-0.06259	-0.08239	0.936793	0.623382	DOWN	209.1537	209.1534
9687	M204T28	1.042516	-0.06007	-0.08185	0.936951	0.623422	DOWN	204.1101	204.1097
9688	M364T11_	1.079609	0.110509	0.081445	0.937094	0.623458	UP	364.2031	364.1979
9689	M344T23	1.04628	0.065269	0.081485	0.937383	0.62353	UP	344.2796	344.2792
9690	M390T20	1.069914	0.097495	0.081531	0.937713	0.623613	UP	390.1366	390.1357
9691	M456T21_	1.052527	0.073858	0.08117	0.937795	0.623633	UP	456.1877	456.1868
9692	M461T28	1.044787	-0.06321	-0.08155	0.937817	0.623639	DOWN	461.3739	461.3736
9693	M611T35	1.052688	0.074078	0.080806	0.938084	0.623705	UP	611.4372	611.4361
9694	M316T40	1.052813	-0.07425	-0.0806	0.938088	0.623706	DOWN	316.2566	316.2562
9695	M512T22	1.064942	0.090775	0.080652	0.93829	0.623757	UP	512.1402	512.1391
9696	M309T22_	1.055586	-0.07804	-0.08072	0.938385	0.623781	DOWN	309.1265	309.1261
9697	M491T27_	1.038281	-0.0542	-0.08027	0.938508	0.623812	DOWN	491.1499	491.1491
9698	M258T20	1.041746	0.059004	0.079447	0.938628	0.623842	UP	258.2067	258.2067
9699	M515T30_	1.044821	-0.06326	-0.07829	0.93969	0.624107	DOWN	515.3334	515.333
9700	M498T19	1.053797	0.075597	0.07804	0.939941	0.62417	UP	498.0148	498.0137
9701	M307T23_	1.051892	-0.07299	-0.07903	0.940023	0.62419	DOWN	307.206	307.2056
9702	M837T11_	1.061314	-0.08585	-0.07729	0.940441	0.624294	DOWN	836.5721	836.5716
9703	M680T32	1.060696	-0.08501	-0.07709	0.940454	0.624297	DOWN	679.562	679.5611
9704	M283T29_	1.022666	-0.03233	-0.07695	0.940743	0.62437	DOWN	283.1753	283.175
9705	M287T25	1.044991	0.06349	0.077128	0.941141	0.624469	UP	287.2776	287.2771
9706	M508T23_	1.02613	0.037213	0.076805	0.94123	0.624491	UP	508.2542	508.2537
9707	M568T31_	1.02954	-0.042	-0.07603	0.941274	0.624502	DOWN	568.412	568.4114
9708	M336T24	1.056791	-0.07969	-0.07639	0.941338	0.624518	DOWN	336.126	336.1258
9709	M399T39	1.053746	0.075528	0.077258	0.941618	0.624588	UP	399.1782	399.1777
9710	M499T26_	1.056865	0.079792	0.075528	0.941666	0.6246	UP	499.2763	499.2756
9711	M525T31_	1.052172	-0.07337	-0.07558	0.94176	0.624623	DOWN	525.2966	525.2959
9712	M241T27_	1.048195	0.067908	0.075716	0.941812	0.624636	UP	241.0497	241.0493
9713	M534T21	1.054904	0.077112	0.075705	0.942022	0.624688	UP	534.0645	534.0642
9714	M359T22_	1.053353	-0.07499	-0.07585	0.942024	0.624689	DOWN	359.1156	359.1155
9715	M472T23_	1.040627	-0.05745	-0.07462	0.942538	0.624817	DOWN	472.3484	472.3483
9716	M457T21_	1.05068	0.071324	0.074788	0.942547	0.624819	UP	457.1799	457.1787
9717	M435T11_	1.069589	-0.09706	-0.07446	0.943083	0.624952	DOWN	434.7577	434.7568
9718	M380T24	1.046075	-0.06499	-0.07422	0.943154	0.62497	DOWN	380.2798	380.2793
9719	M315T22	1.047564	0.067038	0.074095	0.943163	0.624972	UP	315.1455	315.1454
9720	M196T20	1.031788	-0.04515	-0.07443	0.943262	0.624997	DOWN	196.1413	196.1412
9721	M342T9_2	1.035399	-0.05019	-0.07328	0.943636	0.625089	DOWN	341.7512	341.7507
9722	M416T18	1.04412	0.062288	0.073216	0.943762	0.625121	UP	416.2966	416.2961
9723	M471T26_	1.041528	-0.0587	-0.07347	0.943789	0.625128	DOWN	471.3793	471.3727
9724	M463T10_	1.072531	0.101019	0.072728	0.943925	0.625161	UP	463.3259	463.3245
9725	M317T18_	1.043949	0.062051	0.074148	0.944143	0.625215	UP	317.1416	317.1413
9726	M535T7	1.089412	0.12355	0.071669	0.944663	0.625344	UP	535.2809	535.2802
9727	M517T30	1.015404	-0.02205	-0.07217	0.944831	0.625386	DOWN	517.3531	517.3525
9728	M533T7	1.085979	0.118996	0.071122	0.945062	0.625443	UP	533.2837	533.2832

9729	M478T22_	1.047204	-0.06654	-0.07139	0.9451	0.625453	DOWN	478.3531	478.3524
9730	M295T22_	1.029383	0.04178	0.070733	0.94567	0.625594	UP	295.1907	295.1903
9731	M667T37	1.038515	0.054522	0.07023	0.945872	0.625644	UP	666.5096	666.5086
9732	M591T22	1.051028	-0.0718	-0.07094	0.945894	0.625649	DOWN	591.0498	591.0488
9733	M572T29_	1.046377	-0.0654	-0.06991	0.946029	0.625683	DOWN	572.3014	572.2925
9734	M448T21	1.030999	0.044043	0.069711	0.946278	0.625745	UP	448.3199	448.3192
9735	M395T28	1.04214	-0.05955	-0.06989	0.946432	0.625783	DOWN	395.2986	395.2984
9736	M368T10_	1.086038	0.119074	0.069681	0.94657	0.625817	UP	367.7385	367.7321
9737	M706T10_	1.059525	0.083418	0.068862	0.946842	0.625884	UP	705.8263	705.8256
9738	M577T10_	1.058071	-0.08144	-0.06902	0.947072	0.625941	DOWN	577.4194	577.4176
9739	M495T28	1.033756	-0.0479	-0.06868	0.947154	0.625961	DOWN	495.3277	495.3267
9740	M356T44	1.031102	0.044188	0.069889	0.94739	0.62602	UP	356.1892	356.1889
9741	M472T9_1	1.045219	-0.0638	-0.06802	0.947565	0.626063	DOWN	472.3172	472.3153
9742	M454T10_	1.05619	0.078869	0.068516	0.947683	0.626092	UP	454.3285	454.327
9743	M417T7	1.076706	0.106625	0.067475	0.947937	0.626155	UP	417.1973	417.1967
9744	M393T23	1.051382	0.072286	0.067334	0.947972	0.626163	UP	393.0966	393.096
9745	M395T21_	1.031567	0.044838	0.066745	0.948735	0.626352	UP	395.2991	395.299
9746	M317T23_	1.038069	0.053902	0.066455	0.948749	0.626355	UP	317.2337	317.2331
9747	M548T21_	1.035734	0.050653	0.066478	0.948754	0.626356	UP	548.2708	548.2695
9748	M451T9_2	1.036016	-0.05105	-0.06594	0.949196	0.626465	DOWN	451.1114	451.1096
9749	M521T40	1.033673	-0.04778	-0.06571	0.949233	0.626474	DOWN	521.3669	521.3658
9750	M692T30_	1.068472	-0.09555	-0.06671	0.949268	0.626483	DOWN	692.2239	692.2233
9751	M314T29_	1.04033	-0.05704	-0.06583	0.949315	0.626495	DOWN	314.2481	314.2475
9752	M241T22_	1.037121	-0.05258	-0.06569	0.949592	0.626563	DOWN	241.0498	241.0493
9753	M496T31_	1.041205	-0.05825	-0.06564	0.94964	0.626575	DOWN	496.3899	496.3876
9754	M575T32_	1.02296	0.03275	0.066559	0.949654	0.626578	UP	575.4199	575.4187
9755	M532T30_	1.034612	0.04909	0.065239	0.949665	0.626581	UP	532.3398	532.3392
9756	M325T23_	1.035913	0.050903	0.06526	0.949956	0.626653	UP	325.3215	325.3209
9757	M363T11_	1.03162	-0.04491	-0.06474	0.950122	0.626693	DOWN	363.3026	363.3
9758	M300T28	1.029993	0.042634	0.064358	0.950381	0.626757	UP	300.2899	300.2893
9759	M433T25	1.042498	0.060044	0.064454	0.950405	0.626763	UP	433.3813	433.3808
9760	M793T26	1.04246	-0.05999	-0.06475	0.950486	0.626783	DOWN	793.2702	793.2684
9761	M277T25	1.040052	0.056656	0.064517	0.950536	0.626795	UP	277.2375	277.2369
9762	M252T22	1.045466	0.064146	0.064671	0.950544	0.626797	UP	252.0889	252.0885
9763	M237T28	1.027805	0.039567	0.063812	0.950697	0.626835	UP	237.0596	237.0592
9764	M472T26	1.037714	-0.05341	-0.06438	0.950718	0.62684	DOWN	472.3828	472.3819
9765	M458T13	1.053159	0.074723	0.064045	0.951316	0.626987	UP	458.3378	458.3373
9766	M865T23	1.051487	-0.07243	-0.06322	0.951335	0.626992	DOWN	864.9955	864.995
9767	M470T40	1.019942	-0.02849	-0.06287	0.951433	0.627016	DOWN	470.4476	470.4467
9768	M398T26	1.041272	0.058348	0.063895	0.951515	0.627036	UP	398.0578	398.0571
9769	M290T23	1.038545	0.054564	0.063152	0.951706	0.627083	UP	290.1794	290.1789
9770	M492T21	1.029806	-0.04237	-0.06228	0.951933	0.627139	DOWN	492.3456	492.3451
9771	M656T35	1.047486	0.06693	0.062363	0.952052	0.627168	UP	656.4664	656.4657
9772	M179T9	1.038808	0.054929	0.062059	0.952077	0.627174	UP	179.0638	179.0631
9773	M431T19	1.035207	-0.04992	-0.06246	0.952103	0.62718	DOWN	431.2672	431.2667
9774	M175T27	1.031209	0.044337	0.061943	0.952135	0.627188	UP	175.0753	175.0752
9775	M399T30_	1.079315	-0.11012	-0.06193	0.952177	0.627199	DOWN	399.2212	399.2171

9776	M397T17	1.046084	-0.065	-0.06065	0.953162	0.62744	DOWN	397.0334	397.0332
9777	M332T24_	1.022078	-0.0315	-0.06165	0.953253	0.627463	DOWN	332.2303	332.2301
9778	M459T24_	1.037468	0.053067	0.059975	0.954014	0.627649	UP	459.3512	459.3506
9779	M223T21	1.032442	0.046061	0.059525	0.954177	0.627689	UP	223.1695	223.1689
9780	M887T30	1.007781	-0.01118	-0.05967	0.954222	0.6277	DOWN	886.602	886.6008
9781	M589T10	1.056579	0.079401	0.059069	0.954413	0.627747	UP	588.9124	588.9115
9782	M310T24	1.033512	0.047555	0.059267	0.954519	0.627773	UP	310.2017	310.2012
9783	M240T33	1.020485	0.029256	0.058763	0.954653	0.627806	UP	240.2687	240.2682
9784	M362T21	1.033987	0.048218	0.059096	0.954714	0.627821	UP	362.2693	362.2689
9785	M553T24_	1.035604	-0.05047	-0.05899	0.954849	0.627854	DOWN	553.2264	553.2254
9786	M553T24_	1.035245	0.049972	0.058671	0.954874	0.62786	UP	553.2265	553.2253
9787	M322T19_	1.02736	0.038942	0.059307	0.954933	0.627874	UP	322.238	322.2373
9788	M430T20_	1.030608	0.043496	0.058409	0.954987	0.627888	UP	430.2283	430.2275
9789	M179T7_2	1.053755	0.075539	0.057635	0.955593	0.628036	UP	179.0172	179.0168
9790	M402T18_	1.033967	0.048191	0.056604	0.956251	0.628196	UP	401.9935	401.9864
9791	M526T27	1.034565	0.049025	0.056649	0.956453	0.628246	UP	526.1498	526.1488
9792	M349T24_	1.040281	0.056973	0.056701	0.956476	0.628252	UP	349.3298	349.3292
9793	M431T17_	1.041754	-0.05902	-0.05746	0.956539	0.628267	DOWN	431.0793	431.0792
9794	M706T32_	1.044504	0.062818	0.056568	0.956602	0.628282	UP	706.2341	706.233
9795	M280T22	1.028307	-0.04027	-0.05618	0.956649	0.628294	DOWN	280.2486	280.2483
9796	M257T19	1.031217	-0.04435	-0.05617	0.956738	0.628315	DOWN	257.0673	257.0668
9797	M387T17	1.044534	0.06286	0.055543	0.957217	0.628432	UP	387.0928	387.0926
9798	M215T23	1.030398	0.043202	0.0555	0.95745	0.628489	UP	215.1835	215.1831
9799	M254T23	1.026775	0.03812	0.05578	0.957698	0.62855	UP	254.1833	254.183
9800	M598T30_	1.038417	0.054386	0.054793	0.957822	0.62858	UP	597.817	597.8164
9801	M645T10	1.043743	-0.06177	-0.05472	0.958066	0.628639	DOWN	645.4323	645.4321
9802	M291T9_1	1.03632	-0.05147	-0.05401	0.958469	0.628738	DOWN	290.5908	290.5903
9803	M296T28_	1.032717	-0.04645	-0.05384	0.958593	0.628768	DOWN	296.1971	296.1968
9804	M267T26_	1.033211	0.047135	0.053943	0.95866	0.628784	UP	267.2797	267.2793
9805	M467T30_	1.039418	-0.05578	-0.05327	0.958923	0.628848	DOWN	467.3663	467.366
9806	M791T10_	1.035275	0.050014	0.052925	0.959119	0.628896	UP	791.4269	791.4266
9807	M525T31_	1.032561	-0.04623	-0.05278	0.959206	0.628917	DOWN	524.8012	524.8003
9808	M228T32_	1.025861	-0.03683	-0.05274	0.959452	0.628977	DOWN	228.204	228.2038
9809	M331T17_	1.025489	0.036312	0.052452	0.959475	0.628982	UP	331.2481	331.2477
9810	M325T9	1.04344	0.061348	0.052808	0.959557	0.629002	UP	324.6207	324.6205
9811	M358T19	1.034743	0.049272	0.052654	0.959633	0.629021	UP	357.9893	357.9892
9812	M604T21	1.038662	0.054727	0.052143	0.95974	0.629047	UP	604.1663	604.1658
9813	M551T22_	1.042603	-0.06019	-0.05256	0.959824	0.629067	DOWN	551.1718	551.1713
9814	M974T30	1.01433	0.020527	0.051835	0.959989	0.629107	UP	973.6508	973.6504
9815	M228T34	1.028545	-0.04061	-0.05168	0.960215	0.629162	DOWN	228.2322	228.2318
9816	M787T21	1.04418	0.062371	0.051184	0.960435	0.629216	UP	787.2613	787.2608
9817	M583T20	1.031035	-0.04409	-0.05121	0.960678	0.629275	DOWN	583.1716	583.1709
9818	M168T31	1.032735	-0.04647	-0.05044	0.961015	0.629356	DOWN	168.1019	168.1018
9819	M415T32_	1.045204	0.063785	0.050767	0.961338	0.629435	UP	414.6917	414.6915
9820	M498T7	1.05148	0.072421	0.0501	0.961345	0.629437	UP	498.3649	498.3639
9821	M343T29_	1.043751	-0.06178	-0.05067	0.961483	0.62947	DOWN	343.1539	343.1442
9822	M616T18	1.025942	-0.03695	-0.04929	0.961929	0.629578	DOWN	616.4279	616.4277

9823	M552T24_	1.029124	0.041417	0.049306	0.962127	0.629626	UP	552.2231	552.2219
9824	M286T33_	1.029354	-0.04174	-0.04885	0.962254	0.629657	DOWN	286.2378	286.2374
9825	M364T40_	1.033311	-0.04727	-0.04861	0.962425	0.629698	DOWN	364.3138	364.3073
9826	M511T31	1.047393	0.066803	0.049238	0.962658	0.629755	UP	511.1779	511.1776
9827	M220T28	1.027942	-0.03976	-0.0482	0.962789	0.629787	DOWN	220.1661	220.166
9828	M462T23_	1.024578	0.035029	0.048051	0.962868	0.629806	UP	462.2836	462.283
9829	M484T20_	1.028769	0.04092	0.048123	0.962988	0.629835	UP	484.3943	484.3933
9830	M752T35	1.028621	-0.04071	-0.04835	0.963156	0.629875	DOWN	751.6204	751.619
9831	M675T27	1.031352	0.044536	0.047116	0.963829	0.630038	UP	675.4729	675.4722
9832	M229T22	1.016566	0.023704	0.046815	0.963884	0.630051	UP	229.0729	229.0728
9833	M1169T33	1.035024	-0.04966	-0.04683	0.964004	0.630081	DOWN	1168.541	1168.539
9834	M469T26_	1.024165	0.034448	0.046621	0.96403	0.630087	UP	469.312	469.3111
9835	M321T38	1.016821	0.024065	0.046594	0.964068	0.630096	UP	321.2062	321.2061
9836	M406T22_	1.026161	0.037257	0.0465	0.964189	0.630125	UP	406.1289	406.1281
9837	M605T9	1.042974	-0.0607	-0.04646	0.964216	0.630132	DOWN	605.2402	605.2397
9838	M263T22_	1.027494	-0.03913	-0.04654	0.964237	0.630137	DOWN	263.2219	263.2212
9839	M461T27	1.025804	0.036755	0.046432	0.964304	0.630153	UP	461.374	461.3731
9840	M272T22	1.03238	-0.04597	-0.04684	0.964306	0.630154	DOWN	272.0949	272.0941
9841	M651T21	1.032877	-0.04667	-0.0461	0.964439	0.630186	DOWN	651.4465	651.4462
9842	M392T13_	1.052682	0.074069	0.045991	0.964566	0.630216	UP	391.952	391.9517
9843	M397T22_	1.025585	0.036447	0.045835	0.964876	0.630291	UP	397.2587	397.2578
9844	M583T18	1.04126	0.058331	0.045627	0.964966	0.630313	UP	583.2219	583.2213
9845	M452T9_2	1.024563	-0.03501	-0.04551	0.965067	0.630337	DOWN	452.1072	452.1053
9846	M616T10_	1.034233	0.048561	0.045106	0.96514	0.630355	UP	616.4544	616.4539
9847	M392T26	1.014368	0.020581	0.045832	0.96514	0.630355	UP	392.1607	392.1604
9848	M592T22_	1.026516	0.037756	0.045302	0.96529	0.630391	UP	592.0532	592.053
9849	M299T16	1.033478	-0.04751	-0.04466	0.965601	0.630466	DOWN	299.1181	299.1178
9850	M681T22	1.02381	0.033948	0.044398	0.965756	0.630504	UP	681.4332	681.4318
9851	M444T30_	1.022458	-0.03204	-0.04356	0.966323	0.63064	DOWN	444.3083	444.3078
9852	M464T11_	1.044218	0.062423	0.043465	0.966415	0.630663	UP	464.132	464.1305
9853	M207T10_	1.037326	0.05287	0.04333	0.966581	0.630703	UP	207.1234	207.123
9854	M325T18	1.041601	-0.0588	-0.04318	0.966742	0.630741	DOWN	325.2781	325.278
9855	M438T21	1.023229	-0.03313	-0.04317	0.966767	0.630747	DOWN	438.1972	438.1969
9856	M272T32_	1.020594	0.029409	0.042973	0.966837	0.630764	UP	272.1611	272.1607
9857	M227T26	1.017734	0.025361	0.043221	0.966944	0.63079	UP	227.0731	227.0726
9858	M528T25	1.036933	-0.05232	-0.04248	0.967293	0.630874	DOWN	528.3744	528.3738
9859	M477T23_	1.029628	-0.04212	-0.04235	0.967491	0.630922	DOWN	477.0309	477.0299
9860	M283T13	1.040229	0.056901	0.041847	0.967841	0.631006	UP	283.0089	283.0086
9861	M554T27_	1.020254	0.028929	0.041824	0.96789	0.631018	UP	554.0765	554.0757
9862	M213T19_	1.019441	-0.02778	-0.04156	0.968164	0.631084	DOWN	213.185	213.1845
9863	M623T31	1.030995	-0.04404	-0.04128	0.968184	0.631088	DOWN	623.2244	623.2243
9864	M417T23_	1.017954	0.025672	0.040905	0.968657	0.631202	UP	417.2182	417.2173
9865	M224T11	1.026529	0.037774	0.040815	0.968975	0.631279	UP	224.2125	224.212
9866	M335T21_	1.019793	-0.02828	-0.0405	0.969024	0.63129	DOWN	335.1817	335.1814
9867	M315T40	1.026243	0.037372	0.040216	0.969047	0.631296	UP	315.2531	315.2525
9868	M582T18	1.035757	0.050685	0.040231	0.96911	0.631311	UP	582.2189	582.2179
9869	M542T19_	1.016897	0.024173	0.03991	0.969146	0.63132	UP	542.2882	542.2878

9870	M305T24_	1.022798	-0.03252	-0.04	0.969354	0.631369	DOWN	305.2882	305.2876
9871	M353T44_	1.009715	0.013948	0.039745	0.96948	0.6314	UP	353.3415	353.3408
9872	M510T22	1.033308	-0.04727	-0.03992	0.969513	0.631408	DOWN	510.145	510.1442
9873	M231T2	1.022773	-0.03249	-0.03949	0.969522	0.63141	DOWN	230.8897	230.8894
9874	M342T10_	1.02972	-0.04225	-0.0392	0.9698	0.631477	DOWN	341.8313	341.8306
9875	M391T20	1.036262	-0.05139	-0.039	0.970238	0.631582	DOWN	391.14	391.1392
9876	M304T24	1.021232	-0.03031	-0.03878	0.970345	0.631607	DOWN	304.2847	304.2842
9877	M415T23_	1.018893	-0.027	-0.03829	0.970477	0.631639	DOWN	415.2118	415.2111
9878	M259T27	1.01326	-0.019	-0.03863	0.970601	0.631669	DOWN	259.1654	259.165
9879	M644T32	1.025013	0.035643	0.038032	0.97064	0.631678	UP	644.2629	644.2611
9880	M273T29_	1.019279	0.027549	0.037978	0.970843	0.631727	UP	273.2426	273.2422
9881	M281T30_	1.011185	0.016046	0.03725	0.971198	0.631812	UP	281.295	281.2947
9882	M348T15	1.016016	0.022924	0.037603	0.971367	0.631852	UP	348.2147	348.2146
9883	M724T22	1.019395	0.027713	0.03715	0.971391	0.631858	UP	724.34	724.3382
9884	M294T25	1.026447	0.037659	0.03729	0.971453	0.631873	UP	294.2641	294.2638
9885	M542T26	1.019776	0.028252	0.036806	0.971583	0.631904	UP	542.3243	542.3234
9886	M331T35_	1.019064	0.027244	0.036173	0.972094	0.632026	UP	331.1569	331.1567
9887	M469T27	1.022117	0.031561	0.035958	0.972277	0.63207	UP	469.1996	469.199
9888	M309T20_	1.022832	0.032569	0.036046	0.97228	0.632071	UP	309.098	309.0978
9889	M292T14	1.018796	0.026865	0.035792	0.972337	0.632084	UP	292.1759	292.1753
9890	M259T31	1.016244	-0.02325	-0.03576	0.972409	0.632102	DOWN	259.154	259.1538
9891	M610T11_	1.026298	0.03745	0.035596	0.972533	0.632131	UP	610.4032	610.4021
9892	M384T24_	1.02121	-0.03028	-0.03579	0.972577	0.632142	DOWN	384.3586	384.3579
9893	M296T28_	1.021323	0.030439	0.035509	0.972743	0.632181	UP	296.2132	296.213
9894	M153T19	1.01495	0.021408	0.034854	0.973083	0.632263	UP	153.0481	153.048
9895	M370T16	1.022512	-0.03212	-0.03486	0.973172	0.632284	DOWN	370.0265	370.0261
9896	M352T10	1.035448	0.050255	0.034904	0.973209	0.632293	UP	352.2541	352.2437
9897	M553T22_	1.027953	0.039774	0.034875	0.973326	0.632321	UP	553.1669	553.1658
9898	M343T22_	1.019441	0.027778	0.034025	0.97382	0.632439	UP	343.3323	343.3315
9899	M210T9_2	1.012849	-0.01842	-0.03403	0.973852	0.632446	DOWN	210.1679	210.1676
9900	M339T34	1.012822	-0.01838	-0.03373	0.973953	0.63247	DOWN	339.2895	339.289
9901	M598T30_	1.01386	0.019858	0.033667	0.974008	0.632484	UP	598.2664	598.2567
9902	M665T11	1.028538	0.040596	0.033794	0.974019	0.632486	UP	665.3904	665.3887
9903	M227T22	1.016773	-0.024	-0.03382	0.974216	0.632533	DOWN	227.2008	227.2003
9904	M672T30	1.019002	-0.02716	-0.03329	0.974328	0.63256	DOWN	672.2813	672.2809
9905	M459T44	1.007728	-0.01111	-0.0336	0.974577	0.632619	DOWN	459.2656	459.2648
9906	M287T13	1.03147	-0.0447	-0.03342	0.974679	0.632644	DOWN	287.0482	287.0476
9907	M212T28	1.017093	0.024451	0.03246	0.975035	0.632729	UP	212.2374	212.2369
9908	M488T42_	1.008313	0.011943	0.032967	0.975134	0.632752	UP	488.2691	488.2691
9909	M488T44	1.005164	0.007431	0.031972	0.975451	0.632828	UP	488.2694	488.2693
9910	M208T18	1.017081	0.024435	0.031766	0.975561	0.632854	UP	207.9886	207.9884
9911	M453T16	1.014474	-0.02073	-0.03181	0.97557	0.632856	DOWN	453.3438	453.3355
9912	M637T10_	1.024285	-0.03462	-0.03161	0.97563	0.63287	DOWN	637.4061	637.4029
9913	M230T19	1.015761	-0.02256	-0.03094	0.976197	0.633005	DOWN	230.154	230.1535
9914	M325T23_	1.011155	0.016004	0.03028	0.976586	0.633098	UP	325.2391	325.2387
9915	M206T30	1.017447	-0.02495	-0.03046	0.976605	0.633102	DOWN	206.0894	206.089
9916	M594T27	1.019015	0.027175	0.029871	0.977205	0.633245	UP	594.2496	594.2485

9917	M1241T31	1.019845	-0.02835	-0.02949	0.977216	0.633248	DOWN	1240.561	1240.56
9918	M385T20	1.014608	0.020922	0.029375	0.977377	0.633286	UP	385.1676	385.1674
9919	M455T27_	1.015588	-0.02231	-0.02897	0.97761	0.633341	DOWN	455.164	455.1636
9920	M527T27	1.017845	0.025518	0.028642	0.977958	0.633424	UP	527.1532	527.152
9921	M354T29	1.021431	0.030591	0.028104	0.978416	0.633532	UP	353.5927	353.5924
9922	M583T34_	1.015072	-0.02158	-0.02783	0.978586	0.633573	DOWN	583.4683	583.4678
9923	M164T2	1.031903	0.045307	0.028023	0.978657	0.63359	UP	163.9764	163.9763
9924	M476T23_	1.019424	-0.02775	-0.02779	0.978663	0.633591	DOWN	476.0276	476.0266
9925	M650T21_	1.019408	0.027731	0.0272	0.978984	0.633667	UP	650.4429	650.442
9926	M312T23_	1.015841	0.022675	0.027292	0.97903	0.633678	UP	312.0381	312.0376
9927	M503T9_2	1.010064	0.014447	0.02709	0.979223	0.633724	UP	503.3051	503.3027
9928	M327T23_	1.010727	0.015393	0.026687	0.979373	0.63376	UP	326.9952	326.9951
9929	M298T22_	1.015065	0.021572	0.026907	0.979406	0.633767	UP	298.2017	298.2012
9930	M417T17_	1.019287	0.027561	0.027195	0.97943	0.633773	UP	416.9934	416.9929
9931	M438T33	1.011938	-0.01712	-0.02635	0.979623	0.633819	DOWN	438.1923	438.1918
9932	M570T26	1.015789	-0.0226	-0.02638	0.979696	0.633836	DOWN	570.2334	570.2328
9933	M410T9	1.022376	0.031926	0.026039	0.98001	0.63391	UP	410.2353	410.2343
9934	M260T23_	1.015692	0.022462	0.025956	0.980103	0.633932	UP	260.1688	260.1682
9935	M359T22_	1.013482	-0.01932	-0.02526	0.980516	0.63403	DOWN	359.3271	359.3264
9936	M785T18	1.021203	0.03027	0.025337	0.980523	0.634032	UP	785.2326	785.2323
9937	M328T27_	1.015267	0.021859	0.025398	0.980542	0.634036	UP	328.3001	328.2997
9938	M469T22	1.019335	0.027629	0.024918	0.980927	0.634127	UP	469.1184	469.118
9939	M228T27	1.014743	0.021114	0.024768	0.980985	0.634141	UP	228.1959	228.1954
9940	M277T28_	1.01753	-0.02507	-0.02463	0.981138	0.634177	DOWN	277.0888	277.0884
9941	M725T22	1.016085	-0.02302	-0.02411	0.981411	0.634242	DOWN	725.3437	725.343
9942	M499T16	1.020606	0.029426	0.024072	0.9816	0.634287	UP	499.1393	499.1392
9943	M670T29	1.013269	0.019017	0.023739	0.981713	0.634313	UP	670.2657	670.265
9944	M650T11_	1.019354	-0.02766	-0.02382	0.981759	0.634324	DOWN	650.4194	650.4181
9945	M343T18_	1.016646	-0.02382	-0.02369	0.981782	0.63433	DOWN	343.1574	343.1572
9946	M552T11	1.016655	0.02383	0.023402	0.981943	0.634368	UP	552.3627	552.3623
9947	M535T21_	1.019177	0.027405	0.02321	0.982167	0.634421	UP	535.0721	535.0711
9948	M276T11	1.014736	-0.0211	-0.02252	0.982613	0.634526	DOWN	276.16	276.1592
9949	M262T18	1.014319	0.020511	0.022426	0.982765	0.634562	UP	262.0749	262.0746
9950	M515T30_	1.002655	-0.00382	-0.02213	0.9829	0.634594	DOWN	515.3578	515.357
9951	M463T10_	1.01067	0.015312	0.02207	0.982948	0.634605	UP	463.1782	463.1769
9952	M412T23_	1.013754	0.019708	0.022004	0.982999	0.634617	UP	412.3272	412.3272
9953	M386T11	1.015945	0.022822	0.022061	0.983007	0.634619	UP	386.2025	386.2012
9954	M232T22_	1.016896	-0.02417	-0.02202	0.983021	0.634622	DOWN	232.0716	232.0716
9955	M341T32_	1.017256	0.024683	0.021774	0.983162	0.634655	UP	340.7864	340.7859
9956	M500T26	1.013356	-0.01914	-0.0214	0.983475	0.634729	DOWN	500.2773	500.2763
9957	M399T44	1.007442	0.010697	0.021627	0.983579	0.634754	UP	399.2133	399.2131
9958	M554T22	1.016338	0.023381	0.021036	0.983906	0.634831	UP	554.1703	554.1692
9959	M528T32	1.010715	0.015377	0.020872	0.983946	0.63484	UP	528.4017	528.4007
9960	M619T31	1.011302	0.016214	0.020647	0.984038	0.634862	UP	619.2492	619.2474
9961	M596T11_	1.019576	-0.02797	-0.02065	0.984049	0.634864	DOWN	596.1954	596.1942
9962	M308T26	1.014759	-0.02114	-0.02072	0.984196	0.634899	DOWN	308.1298	308.129
9963	M241T32	1.006686	0.009614	0.020388	0.98426	0.634914	UP	241.1799	241.1796

9964	M322T28	1.011799	0.016923	0.020399	0.984306	0.634925	UP	322.2378	322.2373
9965	M580T18	1.018105	0.025886	0.020392	0.984342	0.634933	UP	580.2235	580.2225
9966	M497T17	1.013535	0.019396	0.020523	0.984368	0.63494	UP	497.0389	497.0382
9967	M171T17	1.004862	-0.007	-0.02036	0.984382	0.634943	DOWN	171.138	171.1377
9968	M407T22	1.011586	-0.01662	-0.01981	0.984743	0.635028	DOWN	407.1322	407.1313
9969	M439T33	1.011382	-0.01633	-0.0196	0.984896	0.635064	DOWN	439.1891	439.1884
9970	M584T18	1.014608	0.020922	0.019448	0.985079	0.635107	UP	584.2178	584.2172
9971	M1178T11	1.017468	-0.02498	-0.01936	0.985116	0.635116	DOWN	1177.536	1177.533
9972	M623T18	1.017391	0.024874	0.019354	0.985136	0.63512	UP	623.2455	623.2444
9973	M539T25	1.019591	-0.02799	-0.01913	0.985203	0.635136	DOWN	539.4352	539.4341
9974	M692T10	1.012333	-0.01768	-0.01891	0.985461	0.635197	DOWN	691.5068	691.5053
9975	M847T22	1.015593	0.022322	0.018872	0.985526	0.635212	UP	847.106	847.1058
9976	M549T27	1.011191	0.01708	0.01854	0.985892	0.635298	UP	549.2471	549.2465
9977	M551T11	1.014164	0.020292	0.017969	0.986108	0.635349	UP	551.1477	551.146
9978	M499T11_	1.011468	-0.01645	-0.01819	0.986112	0.63535	DOWN	499.3574	499.3568
9979	M316T17	1.012302	0.01764	0.018103	0.986122	0.635352	UP	315.9835	315.983
9980	M350T17	1.012309	-0.01765	-0.01741	0.98675	0.6355	DOWN	350.1052	350.1043
9981	M306T24	1.00764	0.01098	0.017176	0.9868	0.635511	UP	305.8313	305.831
9982	M315T23_	1.009635	-0.01383	-0.01707	0.986899	0.635535	DOWN	315.328	315.3276
9983	M471T22	1.013371	-0.01916	-0.01593	0.987814	0.635749	DOWN	471.1135	471.1127
9984	M1156T30	1.009312	0.013372	0.015532	0.988046	0.635804	UP	1155.528	1155.527
9985	M637T27	1.009592	-0.01377	-0.01536	0.98821	0.635842	DOWN	637.271	637.2706
9986	M534T7	1.017518	0.025054	0.015037	0.988381	0.635882	UP	534.2872	534.2866
9987	M620T25	1.00714	0.010264	0.015208	0.988479	0.635905	UP	620.2923	620.2913
9988	M513T22_	1.012559	-0.01801	-0.01505	0.988483	0.635906	DOWN	513.1433	513.1429
9989	M591T23	1.009614	-0.0138	-0.01475	0.988737	0.635965	DOWN	590.9555	590.9549
9990	M347T32_	1.008349	0.011995	0.014465	0.988879	0.635999	UP	347.118	347.1174
9991	M274T32_	1.014989	-0.02146	-0.01432	0.988973	0.636021	DOWN	274.2573	274.257
9992	M456T9_1	1.00754	0.010838	0.013938	0.98925	0.636085	UP	455.5919	455.5902
9993	M610T29_	1.008817	-0.01266	-0.01343	0.989656	0.63618	DOWN	610.2593	610.2489
9994	M552T24_	1.00786	0.011295	0.013363	0.989733	0.636198	UP	552.2229	552.2217
9995	M288T22_	1.006854	0.009855	0.013126	0.989852	0.636226	UP	288.0851	288.0848
9996	M563T24	1.021496	-0.03068	-0.01319	0.989962	0.636252	DOWN	563.123	563.1222
9997	M464T23_	1.005554	0.00799	0.012923	0.990033	0.636269	UP	464.2278	464.2274
9998	M522T31_	1.005894	-0.00848	-0.01283	0.990093	0.636283	DOWN	522.3555	522.3547
9999	M316T35	1.005938	-0.00854	-0.01283	0.990114	0.636288	DOWN	316.1782	316.1778
10000	M341T24	1.00557	0.008014	0.012803	0.990149	0.636296	UP	341.3165	341.3158
10001	M379T31_	1.016058	-0.02298	-0.01267	0.990199	0.636307	DOWN	379.0729	379.0726
10002	M239T21	1.00619	0.008903	0.012662	0.990208	0.63631	UP	239.162	239.1614
10003	M648T43_	1.003135	-0.00452	-0.01275	0.990373	0.636348	DOWN	647.9434	647.9426
10004	M272T26	1.007614	0.010944	0.012423	0.990527	0.636384	UP	272.0955	272.0953
10005	M396T44	1.003769	0.005427	0.012233	0.990745	0.636435	UP	396.2233	396.2224
10006	M205T30	1.006532	0.009393	0.012033	0.990761	0.636439	UP	205.086	205.0856
10007	M578T10	1.009306	-0.01336	-0.01176	0.990972	0.636488	DOWN	577.921	577.9191
10008	M335T30	1.005724	-0.00824	-0.01138	0.991206	0.636543	DOWN	335.1255	335.125
10009	M549T31	1.008917	0.012808	0.011152	0.991406	0.636589	UP	548.8091	548.8085
10010	M379T31_	1.0053	0.007626	0.011012	0.991495	0.63661	UP	379.2519	379.2516

10011	M494T28_	1.005114	-0.00736	-0.01087	0.99163	0.636642	DOWN	494.3243	494.3233
10012	M219T28	1.004861	-0.007	-0.01085	0.991654	0.636647	DOWN	219.1381	219.1379
10013	M292T35	1.0061	0.008774	0.010748	0.991738	0.636667	UP	292.2848	292.2842
10014	M650T21_	1.007311	0.010509	0.010375	0.991988	0.636725	UP	650.443	650.4409
10015	M401T27	1.006433	0.009251	0.010426	0.99199	0.636725	UP	401.365	401.3642
10016	M354T44	1.004544	0.006541	0.01058	0.992044	0.636738	UP	354.1939	354.1933
10017	M572T28	1.007182	-0.01032	-0.01034	0.992047	0.636739	DOWN	572.386	572.3856
10018	M419T40	1.003811	0.005488	0.01018	0.992128	0.636758	UP	419.3204	419.3199
10019	M516T34	1.003403	0.004901	0.010041	0.992279	0.636793	UP	516.3532	516.3525
10020	M151T31_	1.004275	0.006154	0.009909	0.992346	0.636808	UP	151.0275	151.0274
10021	M223T43	1.002933	0.004225	0.009889	0.992353	0.63681	UP	223.0636	223.0632
10022	M416T19_	1.006745	-0.0097	-0.00991	0.992368	0.636814	DOWN	416.0474	416.0471
10023	M689T37_	1.004554	0.006555	0.009407	0.992763	0.636906	UP	689.2815	689.281
10024	M299T11_	1.007488	0.010763	0.00916	0.992922	0.636943	UP	299.1106	299.1102
10025	M494T18_	1.003078	0.004434	0.009076	0.992981	0.636956	UP	494.3099	494.3093
10026	M597T30	1.006419	-0.00923	-0.00903	0.993036	0.636969	DOWN	597.3156	597.3146
10027	M399T11_	1.007439	0.010692	0.008325	0.993608	0.637102	UP	398.9944	398.9939
10028	M449T24_	1.006809	-0.00979	-0.00826	0.993673	0.637118	DOWN	449.3742	449.374
10029	M589T11_	1.004842	-0.00697	-0.00793	0.993895	0.637169	DOWN	589.4247	589.424
10030	M543T7	1.008835	-0.01269	-0.00741	0.994273	0.637257	DOWN	543.3127	543.3121
10031	M477T25	1.004481	-0.00645	-0.00743	0.994309	0.637265	DOWN	477.3112	477.3104
10032	M528T44_	1.001182	-0.0017	-0.00716	0.99447	0.637303	DOWN	527.8899	527.8895
10033	M708T35	1.005102	-0.00734	-0.00709	0.994607	0.637335	DOWN	707.5938	707.5925
10034	M373T43	1.002227	0.00321	0.006765	0.99477	0.637373	UP	373.098	373.0974
10035	M802T23	1.007406	-0.01064	-0.00653	0.994977	0.637421	DOWN	801.5546	801.5542
10036	M403T13	1.006492	-0.00934	-0.00635	0.995163	0.637464	DOWN	403.0843	403.0838
10037	M527T17	1.007107	-0.01022	-0.00614	0.995302	0.637496	DOWN	527.1115	527.1111
10038	M564T23_	1.006878	-0.00989	-0.00554	0.995714	0.637592	DOWN	563.9236	563.923
10039	M597T36	1.002321	-0.00335	-0.00517	0.996007	0.63766	DOWN	597.3457	597.3452
10040	M454T37	1.001812	0.002612	0.004742	0.996372	0.637744	UP	454.4254	454.4247
10041	M740T26	1.000927	-0.00134	-0.00467	0.996415	0.637754	DOWN	740.1974	740.1964
10042	M462T27	1.002515	0.003624	0.004603	0.996468	0.637767	UP	462.3772	462.3765
10043	M522T32_	1.004265	-0.00614	-0.0046	0.996486	0.637771	DOWN	522.4254	522.4216
10044	M453T9_3	1.001827	-0.00263	-0.00383	0.99705	0.637901	DOWN	452.8966	452.8953
10045	M457T9_2	1.001687	0.002432	0.00313	0.997592	0.638027	UP	456.6025	456.6008
10046	M200T33_	1.001748	-0.00252	-0.0031	0.997613	0.638032	DOWN	200.1362	200.1358
10047	M199T18_	1.001346	-0.00194	-0.00309	0.997628	0.638035	DOWN	199.0418	199.0418
10048	M228T16_	1.001907	-0.00275	-0.0027	0.997918	0.638103	DOWN	228.196	228.1955
10049	M273T32_	1.002507	-0.00361	-0.00237	0.99819	0.638165	DOWN	273.2357	273.2347
10050	M390T22_	1.002048	-0.00295	-0.00227	0.998244	0.638178	DOWN	389.9861	389.9856
10051	M172T23	1.001096	-0.00158	-0.002	0.998466	0.638229	DOWN	172.1696	172.1693
10052	M528T29_	1.001196	0.001724	0.001858	0.998565	0.638252	UP	528.3084	528.3072
10053	M275T34	1.001059	0.001526	0.001835	0.998588	0.638258	UP	275.2582	275.2579
10054	M256T38	1.000758	0.001093	0.001766	0.998634	0.638268	UP	256.2635	256.263
10055	M379T30_	1.001696	0.002445	0.001784	0.998643	0.63827	UP	379.0839	379.0835
10056	M380T39_	1.001051	-0.00152	-0.00153	0.998821	0.638311	DOWN	380.2414	380.2407
10057	M487T42	1.000127	0.000183	0.001009	0.999219	0.638403	UP	487.1293	487.1281

10058	M265T9	1.001039	-0.0015	-0.00097	0.999256	0.638412	DOWN	265.0662	265.0628
10059	M276T35	1.000505	-0.00073	-0.00086	0.999341	0.638432	DOWN	276.2615	276.261
10060	M609T9	1.00068	0.000981	0.000812	0.999376	0.63844	UP	609.3893	609.3874
10061	M341T10_	1.000629	0.000907	0.00075	0.999433	0.638453	UP	340.7519	340.7506
10062	M303T10	1.000372	0.000536	0.000618	0.999522	0.638473	UP	303.228	303.2277
10063	M454T27_	1.000319	-0.00046	-0.00059	0.999547	0.638479	DOWN	454.172	454.1715
10064	M757T18	1.000215	-0.00031	0.0004	0.999693	0.638513	DOWN	757.238	757.2377
10065	M357T30	1.000076	0.000109	0.000377	0.999709	0.638516	UP	357.283	357.2824
10066	M541T18	1.000323	0.000466	0.00036	0.999724	0.63852	UP	541.1919	541.1916
10067	M390T11	1.000284	0.000409	0.000346	0.999736	0.638523	UP	390.1773	390.1769
10068	M374T43	1.000139	-0.0002	-0.00031	0.999758	0.638528	DOWN	374.0974	374.0967

mzmax	rtmed	rtmin	rtmax	npeaks	DMSO	11oxoETE	maxint	mean1	sd1
358.0996	16.71508	16.68717	16.74017	4	3	1	41967.57	379817.8	42190.47
407.1373	31.58267	31.57267	31.6005	3	3	0	22252.52	74635.88	9147.343
560.0807	31.32925	31.30467	31.37217	4	0	4	106097.1	79929.22	60185.99
584.9483	26.181	26.14917	26.21417	5	1	4	54450.72	93786.19	145642.2
308.8999	2.176733	2.119783	2.425817	7	4	3	206307.8	1507826	787540.2
327.0965	20.42567	20.3935	20.45367	4	3	1	49836.26	354783.4	90623.82
362.095	16.724	16.68717	16.73067	3	3	0	14564.04	90414.75	28272.6
172.977	2.120333	2.032667	2.175667	7	4	3	978123.3	5726957	1519336
335.0942	30.82075	30.74767	30.84933	4	1	3	57742.78	377174.5	80950.9
424.0413	19.34133	19.32817	19.36583	4	4	0	34684.41	123070.4	39170.22
492.3451	24.10575	23.9675	24.15	4	1	3	47568.53	370341.4	85852.15
197.1173	12.11403	12.10555	12.29612	3	0	3	186469.6	285031	124762.4
1005.496	43.58967	43.5575	43.68883	5	2	3	46069.23	54209.46	63730.05
172.9772	2.802033	2.7014	3.001233	5	1	4	934470.1	4521756	701451.8
192.008	2.78495	2.7296	2.806883	3	0	3	206169.4	2371887	798220.2
1150.807	43.573	43.57267	43.57467	3	0	3	45103.1	17925.81	20256.55
486.8265	29.6365	29.60833	29.712	3	3	0	38452.79	95509.03	16814.58
517.235	18.86433	18.775	18.87883	3	0	3	32187.47	24391.41	21266.89
378.1776	18.4175	18.38683	18.426	4	1	3	43838.67	262219.4	48873.19
360.0966	16.71117	16.67067	16.73067	4	4	0	24384.34	158741.6	61062.7
598.0861	42.03583	41.9805	42.07	3	3	0	27828.02	86793.4	28459.73
480.348	42.96475	42.90883	42.988	10	5	5	152317.9	1130088	121202.3
787.2692	43.61683	43.572	43.64667	7	2	5	208252.7	608631.5	864873.4
284.1639	2.785792	2.7201	3.009133	4	3	0	77892.82	1549218	617418.3
325.0997	20.43975	20.3965	20.55133	6	4	2	100186.6	709270.5	244862
708.18	30.96433	30.93717	31.06583	8	5	3	124570.3	962338.9	320528.2
390.967	43.59758	43.58717	43.63067	4	1	3	27177.19	28320.2	36806.27
322.2463	26.308	26.0605	26.586	5	1	4	82567.23	929898.8	238612.1
917.6019	43.602	43.572	43.63067	7	2	5	122706.7	144866	173826.3
1208.744	43.60167	43.54483	43.63067	7	2	5	114536	134912.9	183141.7
408.1554	35.54267	35.53	35.666	3	0	3	113764	1160774	396375.3
784.1782	29.12433	29.09583	29.1395	3	3	0	39576.88	212279.4	55424.03
191.1431	31.61992	31.55617	31.722	8	3	5	170304.4	711015.5	610734.9
362.0008	16.96092	16.93667	16.96917	6	5	1	67974.87	435911	164347.1
243.1231	10.94645	10.85507	11.09677	3	0	3	142742.3	36295.35	23645.99
224.0633	24.96183	24.89183	24.98883	5	4	1	20658.11	92955.81	16092.49
722.5062	32.83233	32.77633	32.87517	10	5	5	2517831	18108038	14472442
449.1561	28.75517	28.65183	28.87967	8	3	5	504237.3	5775995	4151374
466.1609	20.62517	20.3645	20.632	6	5	1	69368.63	491924.6	201874.2
333.2429	28.944	28.908	28.951	3	0	3	591018.3	56760.4	32268.23
385.1829	30.27067	30.25883	30.39033	4	1	3	30351.33	213946.4	46320.74
388.2447	30.03983	29.943	30.0755	8	3	5	64729.71	240526.5	100939.6
438.1868	38.8975	38.8755	38.9125	3	0	3	61293.86	413481.7	111874.6
278.1966	25.11067	25.06783	25.1385	4	1	3	58193.35	504914.6	182196.6
501.1788	21.903	21.7995	22.21683	5	1	4	113930	58628.59	42083.43
361.1906	43.61092	43.42583	43.649	4	3	1	44579.31	578747	200565.4

661.4615	43.31525	43.293	43.3515	6	2	4	96307.02	214080.1	260794.1
646.4023	11.45768	11.42465	11.64007	4	0	4	76809.29	32179.11	47722.26
320.9743	16.94292	16.88917	17.002	10	5	5	195386.9	1381765	573538.5
524.1403	44.322	44.06467	44.337	5	1	3	138192.4	173075.4	315411
422.0427	19.35617	19.33033	19.37883	5	4	1	47680.39	226801.3	103196.9
590.4271	33.06233	32.98233	33.10267	10	5	5	4264278	16711299	14811922
498.1241	43.60817	43.53017	43.68883	7	2	5	1334442	5389326	8785553
284.2093	31.32908	31.32867	31.33233	4	0	4	68267.55	34199.13	21408.9
311.1672	43.59567	43.572	43.6025	8	3	5	333040.8	1751575	1721244
788.1743	29.12583	29.08283	29.1395	3	3	0	57999.3	171748.8	73671.79
201.0084	2.744025	2.7252	2.837	4	0	4	359439.7	2743001	265651.4
230.89	2.504067	2.471067	2.526517	3	0	3	160300.5	1279307	169902.9
263.0819	22.12067	22.08617	22.142	4	4	0	50170.38	239194	101878.1
635.4568	32.98558	32.908	33.02217	10	5	5	1488103	6015407	4997647
352.1963	43.58733	43.4175	43.60467	10	4	5	2475781	12867806	13634341
679.4833	32.90267	32.83483	32.94583	10	5	5	1219016	7079943	6066399
394.2236	43.58717	43.5575	43.60183	9	4	5	1591605	6931380	7270863
391.2958	37.03517	37.0065	37.06383	3	0	3	177570.9	2409842	416927.7
534.9294	25.69158	25.64467	25.71367	4	1	3	47963.7	49292.3	82096.68
179.1069	15.88578	15.85927	15.90992	4	0	4	172396.6	290832.7	72717.32
409.1175	20.62233	20.58467	20.686	5	4	1	61366.55	291378.5	128377.9
266.0744	22.10975	22.05267	22.136	6	4	2	167722.7	1084177	474345.8
634.4534	32.98775	32.93167	33.00717	10	5	5	4093137	20143375	17588626
351.1622	28.96917	28.93633	28.97417	4	0	4	69211.59	107877.3	26472.22
291.2322	33.13417	33.125	33.15717	3	0	3	177745.2	1197506	1006163
264.0755	22.11583	22.06433	22.1365	9	5	4	301385.7	1806063	828671.5
548.3802	36.18658	36.16633	36.2475	10	5	5	188995.8	1549775	557881.8
318.1931	21.66417	21.557	21.667	5	2	3	126793	1018699	271433.1
463.175	20.63733	20.5745	20.6425	3	3	0	43633.63	217438.3	98042.24
549.3835	36.18567	36.16633	36.2025	6	3	3	56282.9	353724.2	138505.4
420.0464	19.3495	19.326	19.37183	7	5	2	76418.6	481815	153941.7
300.144	30.96167	30.93633	31.07383	9	4	5	203196	1647804	680697.9
607.435	43.60167	43.578	43.6635	7	2	5	149444.4	523024.9	366947.4
514.2325	20.40733	20.3615	20.4155	5	5	0	53282.85	264270.8	129049.9
546.4006	33.139	33.09783	33.16417	10	5	5	3750511	13573231	12411569
383.2527	21.6285	21.4985	21.6545	3	0	3	61354.79	184289.9	272569.6
678.4798	32.90583	32.8495	32.94183	10	5	5	3265750	20727930	19074302
363.2171	22.51933	22.47367	22.5475	5	0	5	2156660	195417.3	42383.76
502.2285	44.85567	44.7795	44.97467	5	1	3	34481.48	70397.61	73336.57
602.2438	27.45517	27.441	27.472	5	4	1	91932.96	642922.9	319299.5
540.1542	43.61733	43.6045	43.64533	3	0	3	195853.6	638741.3	911621.6
556.2378	27.47158	27.45517	27.74617	4	3	1	60650.07	446121.4	217121.4
262.0787	22.11733	22.05267	22.14983	10	5	5	572594.9	3514571	1638851
683.4745	43.20433	43.15933	43.2475	4	1	3	100687.7	225990	264693
661.4532	32.88867	32.83483	32.93333	7	3	4	108199.5	541282.4	518887.3
425.1309	20.95283	20.817	21.0525	9	5	3	312464.8	1757353	777452.2
495.6922	42.79967	42.77383	42.88067	7	4	3	50593.75	424562.3	29730.18

997.5055	43.58667	43.57283	43.61617	7	2	5	202614.8	426769.3	577117.4
353.1971	43.60167	43.578	43.61567	7	2	5	449025.9	2050244	2102144
452.1731	38.86367	38.85333	38.9125	3	0	3	125558.2	1066549	384068.3
290.2199	35.6295	35.56183	35.68083	4	0	4	93032.16	1526186	380030.6
627.2439	30.94733	30.93717	30.95817	3	3	0	58247.98	306485.3	148525.5
735.3207	43.60167	43.54333	43.65967	5	1	4	116888.5	276787.1	262234.3
597.1089	30.9075	30.90283	30.92267	3	0	3	40042.99	3355.022	7502.058
380.2074	32.23883	32.2365	32.2625	3	0	3	118067.6	1093232	421320.8
636.4599	32.989	32.95233	33.005	7	2	5	252472.6	1024429	891973.2
499.1867	5.733817	5.61735	5.923417	3	3	0	329018.5	3367285	1467348
775.2397	43.61617	43.563	43.61733	3	0	3	51245.54	83497.51	163736.4
591.4304	33.04725	32.99717	33.09183	10	5	5	1435609	4795074	3994428
411.116	20.62517	20.5745	20.91917	6	5	0	37266.16	166135.8	76422.98
918.5958	43.59567	43.578	43.61717	8	3	5	1262423	1736291	2369934
426.1343	20.988	20.94567	21.008	3	3	0	65874.25	282144.9	124299.7
300.1812	19.22708	19.205	19.247	4	0	4	94706.51	139567.6	51565.68
447.1676	29.559	29.52033	29.59333	4	0	4	54313.28	24525.66	7255.978
919.5988	43.60117	43.578	43.602	7	2	5	727096.9	1005664	1363185
211.1333	15.87585	15.85927	15.8805	5	0	5	487423.9	233155.5	81673.04
630.9691	28.7325	28.72767	28.84867	3	0	3	142332.7	657461	1373509
267.1597	17.2765	17.25317	17.31033	4	0	4	453868.2	312748.1	79972.22
708.36	43.58783	43.578	43.602	7	2	5	1096974	2219011	2847150
363.7902	2.58765	2.504067	2.749083	3	0	3	394781.5	277956.4	111554.6
391.1571	25.13117	25.12367	25.14167	3	0	3	568195.4	49536.95	18343.79
521.0767	31.34333	31.31517	31.36317	5	0	5	303624.7	14631.84	3835.324
608.4346	43.60167	43.563	43.6335	9	4	5	1535544	4690672	4746162
161.9611	2.849533	2.837	3.1623	4	1	3	132981	39315.09	30497.68
609.2576	30.95383	30.93717	30.96167	4	4	0	161204.5	913246.6	476315.2
174.9564	2.82195	2.733017	2.846317	3	0	3	64737.18	59787.75	42050.18
307.101	22.11417	22.03667	22.15117	8	5	3	189272.2	1204813	580939.2
391.2251	43.58875	43.578	43.61683	8	3	5	394580.9	1713389	1880589
296.2306	31.19525	31.18767	31.19817	4	0	4	69712.48	46479.41	34185.96
450.1659	29.55892	29.52033	29.59333	4	0	4	172899	253913.7	125438.4
709.3631	43.6025	43.563	43.63067	7	2	5	458362.6	961170.5	1232457
350.1776	39.85442	39.7855	39.89233	4	0	4	46735.97	596853	135364.8
229.1439	15.87585	15.85927	15.8953	5	0	5	810072.9	210214.6	102437.2
265.1439	15.41007	15.39463	15.43913	4	0	4	132726.1	90361.27	49563.58
609.438	43.59567	43.578	43.6025	8	3	5	484393.1	1582222	1570038
407.152	24.01367	24.00033	24.03283	5	0	5	1434914	75093.41	14398.03
561.998	32.11775	32.04317	32.146	4	1	3	40876.29	43693.19	77968.14
303.1052	22.11417	22.03667	22.1335	8	5	3	627086.8	3910626	1938010
427.1277	20.9435	20.8315	21.0525	6	5	1	100167.9	826011.7	398766.1
337.2382	20.59867	20.5825	20.65633	3	0	3	438054.3	510032.3	210511
410.9955	18.1595	18.1395	18.17383	3	3	0	36151.6	254111.1	136110.3
497.2687	21.01483	21.00583	21.07733	4	0	4	374352	63009.24	42826.67
408.2024	28.695	28.64283	28.79	3	0	3	77557.42	1119586	449374.2
985.4757	43.58783	43.563	43.61617	5	1	4	81594.56	62204.71	83799.86

407.1206	20.62242	20.58967	20.65667	6	5	1	110318.3	611126.6	293764.1
595.422	43.77583	43.76917	43.8105	3	0	3	91537.7	191224.8	163939.9
712.3558	43.61617	43.5135	43.61683	5	2	3	83125.19	492596.2	152934.6
491.0818	25.13117	25.12733	25.14167	3	0	3	198049.5	3353.525	3321.765
347.131	29.52367	29.4915	29.53483	5	0	5	1010369	7212.499	6791.683
393.2205	43.58875	43.57217	43.60467	10	5	5	6962218	35294602	38574749
153.9484	27.85383	27.67667	28.26367	5	3	0	223738	1844198	907072.5
189.9924	2.821917	2.78495	2.868183	3	0	3	152322	165495.6	84217.12
399.3294	29.6965	29.47733	29.71233	4	4	0	27628410	1081781	2204919
584.3365	22.6955	22.6695	22.76083	5	2	3	61953.94	189336	66621.39
537.0878	25.77808	25.76133	25.80217	4	0	4	65090.75	8779.188	13790.01
606.2562	30.95767	30.93483	31.10217	10	5	5	913930.4	6162637	3369871
463.1715	32.77533	32.76167	32.838	5	1	4	468546	4323745	3919453
307.1635	19.41775	19.37867	19.56817	4	0	4	27918.46	44459.06	23019.4
324.2254	31.89883	31.88283	31.92733	3	0	3	66906.33	522751	191389.3
451.142	24.01533	24.00183	24.03283	5	0	5	2404995	11644.97	7340.126
580.2233	26.22483	26.18667	26.22667	3	3	0	44602.4	151883.8	83097.33
534.0883	29.52383	29.4915	29.53483	5	0	5	188633.7	4308.79	3190.964
373.1466	31.32867	31.301	31.36317	5	0	5	16227001	180435.4	335557.7
605.2625	30.96167	30.93717	31.0515	7	5	2	391919.7	2742028	1531819
706.1824	30.96483	30.93483	31.06583	10	5	5	153495.8	1196922	458951.2
690.4284	11.62902	11.57798	11.7604	5	1	4	52734.94	33103.44	44462.96
470.3329	31.71233	31.6825	31.73917	5	1	4	57624.3	596114.6	227132.5
442.1911	20.61358	20.58967	20.6525	4	4	0	46208.93	236157.3	104202.7
476.28	23.04817	23.0275	23.06	5	0	5	6406899	397972.2	183762.3
302.1969	17.26767	17.254	17.299	3	0	3	155742.8	347552.8	22301.72
335.2584	40.5775	40.5485	40.62867	4	0	4	391231.3	70953.53	13025.16
549.0876	29.56833	29.52033	29.59333	5	0	5	405277.8	5358.536	6295.634
535.0719	24.85125	24.815	24.86083	4	0	4	160161.2	13577.43	10281.1
181.0767	35.60108	35.55833	35.69567	4	0	4	58909.06	500295.2	71763.8
1214.737	43.578	43.55817	43.61617	5	1	4	47809.98	39777.31	52494.78
245.0134	37.873	37.8495	37.92383	8	5	3	28420.29	286464.3	74641.8
175.9768	2.837433	2.78495	2.85205	3	0	3	155471.1	299619.4	186091.1
465.1576	25.022	25.01033	25.0265	4	0	4	323137	76484.02	74570.22
604.2592	30.95017	30.93717	31.0515	9	5	4	1590737	11814172	6531130
378.0205	18.1585	18.124	18.17483	3	3	0	67211.2	318972.5	139351.3
213.1017	9.748108	9.61695	9.751083	4	3	1	1013096	390544.5	382975.8
595.0571	27.33642	27.31367	27.3695	4	0	4	159717.5	30724.89	36103.12
158.9738	2.781033	2.425817	2.837433	6	0	4	211769.4	885863.6	167003.1
497.1474	24.78533	24.74167	24.8095	5	0	5	565772.6	10781.19	9842.184
492.3772	44.33225	44.29217	44.38383	10	5	5	154627	1614798	190725.7
749.3866	43.60167	43.57283	43.61567	7	2	5	413040.5	859837.7	1071255
404.8165	2.504067	2.471067	2.56735	3	0	3	142381.2	130693.4	46380.57
375.1471	31.32867	31.301	31.36317	5	0	5	2224080	12959.47	13024.98
516.2304	20.38392	20.3615	20.40733	4	4	0	35044.04	139560.4	76831.5
362.1866	33.451	33.4485	33.486	3	0	3	81161.19	617260.5	183010.7
527.2795	21.11117	21.03467	21.149	3	0	3	591723.8	67330.56	27613.83

202.082	23.7755	23.75067	23.79683	4	0	4	135292.2	35842.83	3334.435
374.1497	31.32867	31.301	31.36317	5	0	5	3924334	23161.24	48098.37
477.2834	23.04817	23.0275	23.06	5	0	5	2117865	60745.39	33839.08
349.1466	31.2025	31.17333	31.21283	4	0	4	179711.9	9462.689	7594.341
547.404	33.15	33.11033	33.16417	8	3	5	1215721	3473625	2936381
608.2554	30.94517	30.93417	31.06583	8	5	3	574695.3	3721622	2111060
381.2277	22.61883	22.59383	22.666	5	0	5	1091045	127374.4	61451.37
268.1629	17.185	16.97933	17.26767	4	0	3	50029.58	70569.44	36999.34
412.2509	43.58783	43.57267	43.60117	5	1	4	96275.03	389250.6	85406.05
550.0912	29.55892	29.52033	29.59333	4	0	4	103709.4	8206.316	5292.986
656.323	19.64042	19.61383	19.71217	4	0	4	871248.2	85685.57	49424.89
569.1138	28.9125	28.908	28.98033	3	0	3	64366.98	30468.74	38505.21
209.1175	14.23448	14.13205	14.26493	5	0	5	259145.8	172171.7	69064.75
476.2642	23.11333	23.08917	23.18183	3	3	0	6406899	136005.9	84939.15
265.1438	19.20767	19.205	19.2465	3	0	3	102220.7	37772.22	19690.81
401.2144	43.58767	43.55983	43.60467	10	5	5	928322.1	10879732	4319174
467.1732	24.20983	24.19517	24.20983	3	0	3	349407	53223.04	16819.44
656.323	19.99742	19.96633	20.12417	4	0	4	849878.2	65130.01	58009.14
469.1889	25.40208	25.38883	25.40783	4	0	4	319144.8	131715.9	47676.22
491.0822	25.76983	25.70633	25.78767	5	0	5	316648.3	6941.07	5718.751
303.1047	24.33533	24.29833	24.37483	4	0	4	31662.86	5282.766	7448.677
723.5096	32.83375	32.77633	32.86467	10	5	5	1056154	7385482	6250806
349.2379	27.29858	27.25683	27.34017	4	0	4	715095.1	185602	118376.3
348.1287	22.98967	22.90333	23.04483	5	0	5	119523.1	8394.354	15851.06
451.1781	30.92225	30.8885	30.95083	4	0	4	228227.5	75981.36	53421.86
223.064	24.95183	24.91533	24.99133	10	5	5	134719.1	1205773	288469.4
348.1344	29.52933	29.4915	29.53483	4	0	4	160098.4	5084.274	4661.077
640.3276	21.76967	21.69167	21.83617	5	0	5	1747828	24244.28	18216.53
305.1022	22.1125	22.06867	22.1365	9	5	4	339220.2	2009252	1060268
301.2168	31.32867	31.301	31.36317	5	0	5	6856479	1116655	1119872
452.1452	24.01533	24.00183	24.03283	5	0	5	536028.8	4037.518	5286.341
377.1424	31.32867	31.31517	31.3485	5	0	5	789271.7	36872.18	64949.18
532.1086	31.33083	31.32867	31.34333	4	0	4	87952.7	4493.74	3699.651
626.3122	18.64158	18.596	18.65583	4	0	4	281622	113225.7	74606.39
432.275	30.5885	30.562	30.60567	5	2	3	50200.01	305840.3	85813.55
361.2013	27.83383	27.82083	27.86817	3	0	3	334533.8	47473.53	14435.39
639.0135	31.32883	31.3185	31.36317	5	0	5	215369.7	3371.607	3743.934
813.5683	32.66767	32.627	32.715	5	1	4	29446.88	58278.94	69312.95
511.2841	24.00333	23.98317	24.03283	5	0	5	2380370	108715.8	51964.79
527.2792	20.80017	20.7735	20.83167	4	0	4	1208674	52195.86	27136.23
1149.804	43.58842	43.563	43.602	6	1	5	89068.61	28917.62	36159.63
219.8976	2.175667	2.092317	2.385283	5	5	0	51745.65	1209618	558952.7
405.1364	27.32333	27.3095	27.3695	4	0	4	212776.8	23281.49	22759.02
517.0815	31.33233	31.32867	31.36317	5	0	5	390450	5005.081	3075.74
363.126	26.45308	26.44317	26.47217	4	0	4	122176.5	15383.28	5808.54
592.4335	33.073	33.018	33.11267	7	3	4	228114	688067.4	699061.8
349.2378	31.55617	31.2565	31.63433	5	0	4	435760.8	152251.7	56748.68

319.2272	31.32867	31.301	31.36317	5	0	5	38620884	165305.9	30563.62
641.3311	21.78433	21.70667	21.83617	5	0	5	549952.6	26602.06	29970.44
628.2374	30.94975	30.943	30.96417	4	4	0	110262.1	690961	410812.5
246.1855	32.58833	32.543	32.642	5	2	3	29195.95	169403.6	60196.12
727.5011	42.98033	42.95917	43.02667	3	0	3	65736.63	146869.5	167665.2
155.0029	2.772967	2.66885	2.85205	3	0	3	185816.3	1156278	127783.2
638.3126	20.629	20.56933	20.68767	3	0	3	346673.3	77676.57	54362.33
576.2278	26.21033	26.18667	26.23883	6	5	1	92471	505742.3	287608.2
319.2273	31.97483	31.94083	32.015	5	0	5	4873805	181318.3	66961.51
440.268	31.66092	31.63417	31.7265	6	5	1	70523.84	503809.8	244639.3
497.1476	26.58467	26.57533	26.6355	4	0	4	106616	13179.39	13506.25
493.0612	29.52017	29.4915	29.53483	5	0	5	205129.1	8717.728	5777.407
626.2766	26.86817	26.849	26.86817	3	3	0	35592.99	123384.3	58771.34
569.114	25.405	25.3585	25.41833	4	0	4	181644.2	5029.023	6550.872
532.0853	31.32192	31.30467	31.34333	4	0	4	133522.6	6775.884	5683.417
614.4847	31.43767	31.41417	31.48033	4	0	4	275943.3	244318.1	270791.4
533.0891	33.15733	33.11967	33.17183	3	0	3	52920.05	850.5983	1901.996
302.2201	31.3185	31.301	31.36317	7	2	5	1431705	232057.2	103031.4
763.1772	29.20017	29.2	29.22983	3	3	0	53218.53	185704.4	102862.7
656.3232	20.40883	20.34933	20.51283	3	0	3	311976	67943.79	58490.88
395.4931	43.56	43.51367	43.5875	4	0	4	33146.7	39314.14	55734.88
998.5081	43.602	43.53283	43.63217	7	2	5	113919.9	238518.9	290819
799.2651	31.37217	31.32867	31.40183	3	0	3	71024.31	1546.282	2117.521
159.9457	2.786917	2.7754	2.802033	3	0	3	89113.95	408809.3	59705.57
371.1513	31.32867	31.31517	31.36317	5	0	5	874910.9	237479.7	49180.89
489.0847	41.70342	41.67167	41.7295	10	5	5	45618.55	522610.5	135062.7
207.1018	10.19877	10.18735	10.33698	4	0	4	367192.4	262267	331985.3
397.2229	26.584	26.54567	26.62083	5	0	5	2018926	164295.9	79858.45
495.0774	31.19267	31.18767	31.19817	3	0	3	79537.98	4520.535	1285.888
605.0669	24.0315	24.00183	24.03283	4	0	4	53416	18200.33	38894.47
230.1472	15.87367	15.86547	15.87585	3	0	3	77820.26	21921.53	10168.2
320.2306	31.31433	31.301	31.36317	5	0	5	8576870	501904.1	201776.1
576.0988	24.853	24.84367	24.85917	5	0	5	125779.1	2725.111	3743.957
607.2585	30.94733	30.93717	30.99333	5	5	0	314323.8	1915922	1146956
556.326	19.77617	19.73133	19.887	5	2	3	47388.66	163783.1	37076.85
492.1687	26.598	26.556	26.6355	5	0	5	406016	37352.68	21122.5
317.2117	29.58317	29.50583	29.65167	5	1	4	358827.7	94670.51	16853.75
391.157	23.62667	23.616	23.63467	5	0	5	508044	51141.15	15921.04
440.2474	18.38	18.34433	18.402	5	0	5	418579	72307.08	49212.74
498.1508	24.79517	24.78283	24.82983	3	0	3	115765.3	8210.718	2273.889
430.1682	24.85883	24.8385	24.86083	5	0	5	342169	100783	21533.7
449.1265	27.333	27.3095	27.3695	5	0	5	376107.4	10183.14	10030.64
748.4857	40.49108	40.43883	40.5195	10	5	5	284536	2298829	744588.1
304.1086	22.09783	22.08617	22.1385	5	5	0	92155.38	325609.7	198337.4
627.3158	20.39383	20.32967	20.49967	4	0	4	164027.9	31382.59	17745.89
379.2121	29.5	29.46233	29.52017	4	0	4	451971.6	144064.7	74013.83
715.0087	24.02425	24.0165	24.03267	4	0	4	97102.59	2530.822	4286.321

872.633	42.9225	42.905	42.98217	6	2	4	27445.73	75804.93	13059.03
258.8861	2.120333	2.06535	2.209433	7	4	3	213167.3	496879	122231.7
370.2957	33.17783	33.15733	33.21733	7	2	5	579968.1	2082819	1874022
558.1084	31.33092	31.301	31.34333	4	0	4	178329.6	9444.243	8581.183
285.1703	17.27458	17.26767	17.299	4	0	4	158895.4	257306.7	69168.79
309.0906	11.02872	10.87918	11.13185	6	0	5	267841.6	187257.2	224130.3
414.2286	29.875	29.79967	29.97	5	1	3	42097.12	162351.7	54618.2
379.1208	19.29417	19.29067	19.3055	3	0	3	30204	35545.84	46393
637.1152	23.798	23.76533	23.812	6	1	5	111852.5	85133.83	178147.1
478.2957	22.8565	22.82567	22.8605	5	0	5	1570075	309195.6	24315.8
263.8649	2.065542	2.0607	2.088633	4	0	4	61325.75	0	0
237.5826	24.78067	24.757	24.8295	3	0	3	190403.1	1579.88	2437.685
227.1282	14.2452	14.19148	14.25137	5	0	5	468255	388858.5	178419.6
322.0742	14.24215	14.23448	14.25975	3	0	3	132255.9	31277.27	25075.48
786.1749	29.111	29.10917	29.11167	3	3	0	55635.7	223576.6	127045.8
153.9483	28.8465	28.8055	28.9365	3	3	0	228164.5	4615606	2469840
275.201	29.52017	29.4915	29.52383	5	0	5	627526	97108.21	77433.15
597.0726	24.02883	24.00183	24.03283	5	0	5	1291231	9864.296	11606.75
405.1567	24.02458	24.01533	24.03283	4	0	4	69337.79	43915.89	17176.28
375.1621	33.17183	33.13417	33.17267	5	0	5	5562562	129582.5	75859.04
375.1623	30.44717	30.4275	30.45483	3	0	3	85135.76	53212.94	37370.11
519.077	31.96583	31.94083	32.0005	4	0	4	351682.9	53759.58	13528.43
398.9468	10.96525	10.83542	11.0617	3	0	3	193194.5	54595.7	79597.67
319.2272	31.66567	31.6555	31.67817	3	0	3	8536154	174373.4	57691.08
415.0479	23.57892	23.51717	23.60533	6	1	5	120302	245477.5	447415
453.1422	24.03033	24.00183	24.03283	5	0	5	262737.3	26759.84	28251.78
579.0619	24.97275	24.9495	24.99517	4	0	4	130836.2	10921.03	9330.318
626.3127	20.3745	20.3075	20.51283	5	0	5	506337.3	127889.6	92951.51
579.0622	26.10533	26.09383	26.13683	3	0	3	76188.17	6178.785	5816.34
1003.499	43.60183	43.5575	43.6045	4	1	3	94066.78	110555.6	174502.1
333.4142	37.02283	36.9765	37.16633	5	0	4	52705.96	0	0
469.1888	24.94967	24.9495	24.95417	3	0	3	348061.1	126273.6	89300.83
564.9915	29.491	29.49083	29.56833	3	0	3	32313.12	0	0
373.1466	31.97483	31.94083	32.0055	5	0	5	1536822	122106.3	198652.3
699.3391	31.36017	31.34333	31.37767	5	0	5	246921.5	6704.467	10737.54
439.142	24.32792	24.29833	24.32967	4	0	4	67740.33	21618.8	32744.4
498.2137	25.949	25.93917	26.00367	3	0	3	24621.44	2983.092	3070.36
667.023	29.52017	29.5055	29.52033	3	0	3	25982.01	819.7373	1832.988
638.3122	19.87417	19.80783	19.956	3	0	3	386011.2	122017.3	79113.1
612.3769	10.41382	10.36523	10.41965	4	0	4	4323769	26364.96	27551.06
597.073	26.58533	26.56017	26.6355	5	0	5	271489.1	17013.61	12375.46
347.6268	23.00417	22.96517	23.03067	5	0	5	341027.2	4035.162	3529.161
365.2331	20.37692	20.34933	20.49967	4	0	4	763530.9	80587.65	34962.38
349.2379	29.56833	29.52033	29.59333	5	0	5	4716766	71226.39	26931.18
600.0766	24.01817	24.0165	24.06217	3	0	3	31227.49	1970.148	1850.279
153.9484	29.94533	29.907	30.002	3	3	0	216360.3	2419613	1299160
595.0777	24.02883	24.01533	24.03283	5	0	5	134008.3	9066.698	8649.694

382.2311	22.61883	22.60367	22.666	3	0	3	234784.1	164291.5	117472.6
553.3353	36.18533	36.16867	36.2175	5	5	0	82661.08	677898.6	403755.5
527.2796	20.36933	20.3345	20.49967	4	0	4	1595919	56930.05	13578.17
277.1146	10.23728	10.21668	10.38048	3	0	3	197029.1	74379.9	96116.61
454.2628	21.90983	21.831	21.96483	4	0	4	666405.9	3615286	2003919
1205.739	43.60167	43.578	43.674	7	2	5	370183.6	207133.6	400235.2
423.0558	25.50667	25.474	25.52567	5	0	5	75107.56	12390.13	14099.47
434.336	22.30408	22.24733	22.37683	4	3	1	32669.62	109553.7	38154.74
519.0769	31.32867	31.301	31.36317	5	0	5	3697735	70275.95	30385.77
474.1356	10.64867	10.63755	10.65117	3	3	0	147694.5	247923.6	149113.5
377.1626	33.17183	33.14883	33.1875	5	0	5	552707	141710.2	65716.11
153.9483	25.46983	25.37867	25.599	3	3	0	254669	4100797	2295625
451.1423	26.59167	26.57533	26.62083	4	0	4	220754.7	6664.195	4381.873
479.2991	22.8435	22.82567	22.87467	5	0	5	456885.1	41327.27	10983.58
494.0649	29.50917	29.5055	29.53483	3	0	3	44068.07	11847.41	22499.97
509.0565	27.8535	27.83383	27.867	3	0	3	24437.41	1916.136	4284.61
567.0982	23.76358	23.736	23.79683	4	0	4	283639.7	8513.417	8194.529
655.5	33.55383	33.49417	33.56017	3	0	3	37341.93	6878.133	4067.725
527.2795	20.05483	20.03117	20.20517	5	0	5	1958130	84149.22	78460.5
497.2687	18.4445	18.42417	18.4615	4	0	4	441729.8	37076.15	15963.87
502.3743	33.21817	33.17333	33.245	10	5	5	3203380	7610086	6789942
694.2471	21.78583	21.76967	21.82167	3	0	3	200073.9	4772.717	8097.842
375.1469	31.95683	31.94083	31.98967	3	0	3	185600.2	27249.93	14994.32
474.1582	26.091	26.07917	26.12217	3	0	3	84348.33	18675.68	21822.96
464.0824	25.51408	25.48883	25.52567	4	0	4	159946.4	50375.52	27341.28
301.2165	37.00533	36.97617	37.00783	5	0	5	6566271	486761.9	86263.03
394.2957	21.29983	21.20817	21.33583	5	0	5	156921.7	25064.5	24271.5
694.247	23.01692	22.98917	23.03067	4	0	4	301728.2	7383.309	9478.67
223.1696	25.16817	25.14167	25.18283	5	0	5	1049205	363266.8	273337.3
163.9767	2.810975	2.7296	2.91705	4	0	4	376306.7	1291271	646620.1
394.2048	29.695	29.54933	29.72433	5	1	4	62022	505866.7	188407.3
493.0977	26.92725	26.91267	26.9435	4	0	4	125809.7	11692.23	6931.934
365.233	20.03117	20.01633	20.14067	5	0	5	1003928	70916.53	25223.43
468.154	20.61367	20.58483	20.632	5	5	0	46482.57	267845.1	123638.4
409.1676	23.55433	23.54633	23.57583	5	0	5	390886.9	149518.3	3181.318
321.0788	23.7755	23.761	23.79683	4	0	4	110014.1	91164	61017.49
387.2262	9.69565	9.602367	9.748017	3	3	0	2.76E+08	92357371	1.28E+08
319.2272	30.61442	30.59083	30.63117	4	0	4	1549745	318726.9	71377.69
561.1069	31.3185	31.31433	31.36317	5	0	5	345661.4	33111.69	45495.07
222.5955	29.56633	29.50583	29.60783	4	0	4	199386.2	13316.81	26632.54
381.2278	21.96083	21.8625	21.96483	5	0	5	780368.4	196027.3	36205.22
640.3274	22.98967	22.9495	23.03067	5	0	5	3438336	23913.38	8685.513
596.2267	30.94517	30.93717	30.96417	4	4	0	158947.6	1129384	617687.3
528.2862	20.27783	20.05483	20.39883	6	0	4	410869.5	161950.5	122292.1
494.1692	26.59167	26.57533	26.6355	4	0	4	93431.85	5320.548	4370.944
786.2723	43.55817	43.54333	43.61617	5	1	4	174176.7	225561.8	356226.5
476.2851	23.82358	23.5705	23.86983	6	1	5	2282353	328027.9	206797.5

479.2993	23.7295	23.68633	23.73667	4	0	4	181799.4	35069.55	20560.34
333.2428	37.59483	37.546	37.6065	5	0	5	15286255	116102.4	27634.97
408.124	20.62233	20.605	20.62817	3	3	0	32216.7	135110.5	61996.36
449.1498	24.00992	23.7885	24.03283	6	1	5	128409.7	51739.38	102334.7
547.0924	29.57883	29.54933	29.598	4	0	4	49242.26	2515.848	3665.484
393.173	26.65017	26.586	26.65383	3	0	3	164215	148458.3	63183.28
507.0546	41.70483	41.70333	41.74433	3	3	0	17223.83	132022.5	63098.16
297.0829	24.96008	24.91533	24.98883	8	4	4	84593.62	620378.5	162304.2
521.0924	33.15733	33.13983	33.17183	5	0	5	1538376	9747.253	7028.339
301.2166	37.59483	37.56117	37.6065	5	0	5	1347565	567433.9	173766.3
493.0976	27.3425	27.33933	27.37883	3	0	3	94792.25	10195.18	9972.067
535.0916	29.5275	29.477	29.53883	4	0	4	36209.13	5819.147	4778.079
513.2635	16.58867	16.54495	16.59778	3	0	3	91677.6	53882.83	39933.47
351.2173	26.57017	26.54567	26.62083	5	0	5	599795.9	91306.08	31699.17
511.2845	21.96867	21.94167	22.0505	4	0	4	1333720	126378.9	66375.49
167.0341	30.474	30.37583	30.50117	7	3	4	110609.5	920567.6	440794.8
321.1154	27.20558	27.17617	27.23733	4	0	4	139454	20932.5	10560.66
598.0761	26.58467	26.531	26.62083	4	0	4	69985.28	4811.776	8975.851
767.536	32.7595	32.7115	32.77617	10	5	5	811520.6	6027108	5569232
215.0072	21.69767	21.557	21.74217	8	5	3	108897.5	600263.3	335154.5
347.2221	28.89642	28.8675	28.951	4	0	4	884865.3	86338.25	29368.21
493.0823	25.78433	25.74717	25.78767	3	0	3	44429.02	2876.815	3939.734
313.0738	19.57633	19.51717	19.79067	6	1	4	127350.2	1466912	199133.4
766.5326	32.7595	32.69683	32.80283	10	5	5	2026858	15791902	14326495
399.2386	20.23875	20.22517	20.374	4	0	4	430558.6	102320.5	55538.63
213.0103	21.69983	21.6225	21.728	9	5	4	211655.8	1233030	690919.4
194.5862	37.00675	36.97717	37.02017	4	0	4	118203.1	1279.698	1752.569
202.0821	29.55892	29.50583	29.60783	4	0	4	113009.6	25374.24	12993.27
229.585	22.5335	22.5025	22.56233	3	0	3	153437.2	4155.675	3925.894
468.106	37.88	37.87833	37.91883	3	0	3	25559.72	116723.6	24663.44
598.0758	24.03033	24.0165	24.03283	5	0	5	338097.4	4562.529	5303.744
529.2951	21.06517	21.023	21.12033	5	0	5	708006.4	259898.5	232922.3
378.146	31.32333	31.301	31.35767	4	0	4	141072.3	9098.59	8935.293
363.2303	10.66553	10.65838	10.6789	3	3	0	1.13E+08	78650016	1.1E+08
381.228	20.54	20.51983	20.64567	5	0	5	903540.7	254149.9	117675.2
317.5783	31.31667	31.301	31.34333	4	0	4	181389.8	1197.248	1701.94
151.1118	31.32392	31.31433	31.34333	4	0	4	261141.4	210154.3	65082.77
498.2718	18.426	18.42417	18.4615	3	0	3	85807.16	70106.81	31529.78
471.1652	31.31833	31.31117	31.34983	3	3	0	216148.5	2768757	1832169
363.2174	20.22108	20.21633	20.374	4	0	4	546327.9	229249	139507.9
351.2534	30.92267	30.8885	30.949	5	0	5	1611230	26986.61	11331.04
302.2199	37.00533	36.97617	37.00783	5	0	5	1437042	448940.9	64796.96
481.1524	23.5785	23.574	23.5905	4	0	4	653700.4	129111.1	65839.77
177.0912	14.23088	14.14707	14.2452	4	0	4	141630.2	340462.7	108405.3
299.022	10.95091	10.85075	11.0617	4	0	4	424851.8	7230.572	9263.687
248.0632	18.1395	18.06983	18.1595	9	4	5	521730	3208503	1838883
724.5125	32.82967	32.791	32.87933	9	4	5	218038.4	1420405	1257607

511.284	23.20917	23.167	23.23833	5	0	5	3340357	74204.23	54609.77
375.162	32.73967	32.72633	32.74717	4	0	4	1999631	91709.51	37334.32
244.1905	43.09467	43.09317	43.10583	3	3	0	60419.91	839085.6	90251.48
626.2405	30.95992	30.95217	30.96417	4	4	0	210762.4	1315440	886732.9
420.1812	43.59567	43.55567	43.61733	8	3	5	256354.2	1666726	1249033
749.4892	40.50225	40.4545	40.5195	10	5	5	100685.5	874607.1	306618.9
323.2585	35.49217	35.46467	35.53517	4	0	4	482913.8	130046.3	31338.26
512.2874	24.00333	23.968	24.03283	5	0	5	614310.4	224026.9	80464.31
641.3309	22.98967	22.9495	23.03067	5	0	5	1114484	67847.64	65998.47
151.1118	37.0055	36.99183	37.00783	4	0	4	516835.1	295229.9	46774.92
474.158	24.9765	24.96417	25.006	5	0	5	198674.4	33783.56	38445.06
503.1045	31.34333	31.301	31.36317	5	0	5	286668.4	29148.17	10765.25
354.2494	11.3074	11.22767	11.35	5	2	3	111972.8	201081.2	139871.2
321.2428	32.743	32.7115	32.74717	5	0	5	5784338	256854.2	211503.1
313.3011	23.517	23.3925	23.6795	5	3	0	41792996	12084247	17071783
351.2536	25.36025	25.34383	25.4035	4	0	4	908013.6	55011.93	32796.38
393.0999	33.52567	33.49617	33.5675	5	0	5	658614.9	41603.15	75690.25
762.1743	29.20692	29.2	29.215	4	4	0	99911.59	457884.2	262818.6
384.275	27.33642	27.31367	27.4135	4	0	4	178561.5	68656.08	67656.91
338.1418	22.635	22.59383	22.65117	5	0	5	244614.6	141049.6	199264
398.131	19.68208	19.67567	19.68767	6	5	1	176449	880733	527910.9
461.178	20.62517	20.58967	20.68567	6	4	2	103987.3	702252.9	392629.6
243.5551	31.35767	31.34617	31.3725	3	0	3	77828.06	1844.383	2665.931
431.2093	40.2665	40.24883	40.3155	7	2	5	40687.04	269597.4	112323
1155.791	43.59442	43.57467	43.6025	6	1	5	149434.5	201294.5	271471.7
955.0931	41.19283	41.178	41.22167	5	1	4	50568.69	39311.45	66949.68
331.2273	29.5495	29.50583	29.59333	3	0	3	355319.5	98348.06	11740.92
405.2101	43.6015	43.54783	43.61733	10	5	5	334041.4	3726902	1704924
493.1721	26.60942	26.57533	26.62717	4	0	4	78602.54	15421.08	10626.84
869.5892	43.63283	43.57383	43.6335	3	3	0	29225.01	68793.97	45386.73
333.2426	37.00533	36.96133	37.00783	5	0	5	75017856	89635.99	32022.79
574.4042	33.04058	33.007	33.11267	4	1	3	102838.7	573080.2	288943.4
223.5852	26.57092	26.54567	26.62083	4	0	4	121405	1933.502	2678.812
321.234	31.32867	31.301	31.3925	5	0	5	786230.5	216509.3	133223.8
320.5551	31.324	31.301	31.34333	4	0	4	63275.73	2195.725	4909.79
319.2273	25.13117	25.12367	25.14167	3	0	3	1187107	306725.2	276399.8
334.0815	37.00567	36.97517	37.02283	3	0	3	37641.58	570.473	1275.616
539.1507	43.6025	43.5135	43.67433	7	2	5	855631.6	2389718	3396516
194.0845	37.0055	36.96233	37.02283	4	0	4	460034	17913.36	13415.13
442.263	19.40817	19.33717	19.46583	5	0	5	161994.1	33775.02	23727.84
832.1101	30.922	30.91283	30.96167	3	3	0	29748.38	109251.9	68719.21
996.5078	43.58717	43.55817	43.6025	7	2	5	189435.4	212009	328333
750.4905	40.50833	40.50267	40.51733	4	4	0	28927.01	119755.2	50831.64
321.243	26.0485	26.02133	26.0605	3	0	3	378554	338672.9	333039.7
412.2335	27.332	27.29967	27.3695	5	0	5	399510.5	63095.49	30425.74
520.08	31.32867	31.30467	31.3485	5	0	5	846371.3	13410.17	11612.52
257.1903	35.60683	35.56183	35.68083	4	0	4	319624.1	143351.1	33813.11

530.2986	21.06617	21.023	21.106	4	0	4	181172.7	61852.04	15560.74
277.2166	31.20233	31.17333	31.21283	4	0	4	294482.3	256755.8	70782.84
640.3275	23.75067	23.70833	23.75133	3	0	3	443398.9	30800.14	15783.17
607.2573	29.20683	29.18517	29.2755	6	5	1	176698.7	947595.9	601839.5
445.0105	18.155	18.1435	18.1595	3	3	0	33701.37	144996.2	75513.97
176.9845	2.389675	2.105717	2.535217	6	2	3	605254.5	1128455	1470244
293.2116	29.52367	29.477	29.5495	5	0	5	1672004	392518.5	315509
612.2642	30.822	30.80183	30.8325	3	3	0	35308.81	150850.2	99731.62
454.1456	24.03283	24.0165	24.0475	3	0	3	49239.24	2923.363	4776.423
384.2977	10.53356	10.4986	10.63728	6	4	2	512249.5	393619.8	286112.7
575.3132	29.15517	29.14067	29.199	3	3	0	289000.9	348940.8	508963.4
207.5902	31.31683	31.29983	31.32883	4	0	4	191084.5	1197.001	1641.215
411.0734	30.38417	30.33317	30.4565	4	1	3	72661.25	43056.93	56510.16
153.9484	27.25467	27.179	27.472	4	3	0	250061.2	3646629	2167231
459.1624	26.651	26.63517	26.68133	5	4	1	54121.82	229113.7	131255.2
683.9767	43.18883	43.17333	43.20367	5	1	4	59744.64	160630	211613.9
247.2058	33.17783	33.11033	33.1865	3	0	3	108418.8	653010.6	411839.6
195.0923	38.85333	38.8515	38.88283	3	0	3	120074.5	1944962	321644.4
321.2428	33.15733	33.13983	33.17267	5	0	5	22517034	224994.1	185049.1
363.2172	24.68775	24.66817	24.70717	4	0	4	1122921	279602.7	137961.7
214.5977	37.05733	37.00783	37.12517	4	0	4	111916.1	1330.576	1822.165
995.5044	43.60183	43.578	43.61617	6	1	5	350963.3	366482.9	542215.1
604.2382	26.86783	26.849	26.9065	6	5	1	53710.67	262888.7	173260.5
423.1832	28.94075	28.9125	28.96567	4	0	4	97988.35	88146.98	45342.53
379.158	33.17225	33.13983	33.1865	4	0	4	188230	227447.5	79841.34
351.2535	28.9185	28.89767	28.96567	4	0	4	527717.8	43146.53	41666.83
322.2462	33.15733	33.125	33.17267	5	0	5	4983411	1850493	584698.1
360.1262	25.41983	25.373	25.433	4	0	4	95483.69	24470.9	33879.96
320.095	21.87383	21.76833	21.9075	5	0	5	80513.82	2143.323	3401.134
334.246	37.00533	36.97617	37.00783	5	0	5	17762578	3094909	785064.9
467.1732	23.76617	23.761	23.79683	5	0	5	503387.5	80702.15	69983.15
416.1888	33.17183	33.13983	33.1875	5	0	5	1363125	173266.4	107948.9
1443.971	43.58783	43.58717	43.6045	5	1	4	193522.3	59031.97	92488.73
402.2176	43.59517	43.55983	43.6335	8	5	3	186150.5	1858655	919562.9
509.6988	42.7095	42.69833	42.7515	9	4	5	144921.5	1319074	176873.1
323.2586	35.09983	35.0405	35.103	5	0	5	2287033	112928.3	59674.86
414.1498	31.3185	31.301	31.35767	5	0	5	215525.1	3152.612	5330.495
335.0154	37.00533	36.9465	37.00783	5	0	5	290216.1	4637.676	6352.581
394.1032	33.52567	33.50617	33.5675	4	0	4	104766.2	7354.004	6419.17
513.2804	24.03283	24.018	24.046	3	0	3	78693.82	120689.4	82232.4
525.0463	23.38375	23.32317	23.4305	4	1	3	109215.7	371561.9	303850.4
386.2907	28.944	28.9125	28.98033	5	0	5	500191.4	88729.48	21390.72
485.1808	34.234	34.2135	34.24533	3	3	0	135807.5	2017815	1353058
331.484	37.00533	36.97617	37.00783	5	0	5	287215	677.9671	1515.981
360.188	43.61875	43.572	43.64517	10	5	5	355774.9	3760281	1908420
491.374	44.32567	44.307	44.3745	10	5	5	1064781	12288091	1719761
529.374	33.15767	33.11033	33.17183	7	2	5	466676.6	1416490	1244995

497.2688	20.255	20.21583	20.403	5	0	5	876796.6	41573.66	13977.36
317.9077	31.32358	31.301	31.34333	4	0	4	63074.55	104074.9	226185.8
477.2833	23.85492	23.82083	23.88467	4	0	4	698432.9	95649.16	26630.83
509.0925	23.56717	23.56067	23.57583	3	0	3	81988.29	10991.35	15356.46
610.9973	29.52383	29.477	29.53483	3	0	3	51841.93	3302.21	3658.159
588.8696	25.6825	25.65733	25.70383	5	1	4	69717.72	60202.51	127913.1
609.0182	25.787	25.76133	25.8135	4	0	4	35913.14	6198.201	12315.07
522.2566	32.03558	31.91233	32.07183	4	4	0	484642.6	149101	89961.35
691.4638	29.862	29.82517	29.90083	7	5	2	56163.44	422039.2	63104.28
320.2306	31.95858	31.94083	32.0005	4	0	4	1062675	570773.4	178850.4
338.1779	40.97908	40.96717	41.04333	4	0	4	35021.02	423058.1	80442.41
271.0871	11.00447	10.92607	11.09358	6	4	2	1020826	1144292	1431846
291.0866	18.12517	18.0555	18.1585	7	4	3	237289.2	1307685	790231.1
303.2323	33.15733	33.13983	33.17267	5	0	5	4510815	311212.6	273303.2
277.2165	37.44467	37.41033	37.44717	4	0	4	317002.2	370035.2	52565.64
369.2204	10.43718	10.43703	10.51042	3	3	0	62583236	17038707	28068704
238.1121	22.12875	22.08617	22.15117	6	5	1	122153.2	506398.4	247463.1
574.1162	33.17183	33.09067	33.20117	3	0	3	61110.74	8881.487	10710.87
333.243	36.4255	36.407	36.45633	4	0	4	4054711	112422.6	39293.71
481.1524	22.5615	22.50167	22.57717	5	0	5	978518.4	132907.8	73445.8
456.1482	24.22483	24.1945	24.23933	3	0	3	32299.8	3097.971	4280.318
235.1695	31.3305	31.301	31.34333	4	0	4	206338.7	188843.6	17284.04
419.1522	31.3185	31.31433	31.34333	3	0	3	73015.26	82775.35	39834.46
329.1118	21.7065	21.651	21.728	6	5	1	82018.3	490643.4	277679.8
414.2492	24.01533	24.00183	24.0475	5	0	5	1495865	285918.1	47638.15
345.1359	29.53483	29.4915	29.55367	4	0	4	54258.24	48738.52	36088.55
224.173	25.1765	25.12683	25.21183	5	0	5	123847.5	7639.788	11753.05
628.3279	19.57358	19.5405	19.64167	4	0	4	101009.6	31712.3	14141.22
639.9499	43.44017	43.411	43.44117	5	1	4	43754.47	104728.8	143184.7
350.2413	29.56833	29.52033	29.59333	5	0	5	1156915	334832.6	193614.1
411.1503	24.02458	23.80217	24.04767	4	1	3	70562.05	37337.93	40237.24
523.0923	33.17917	33.125	33.1875	4	0	4	128079.1	6022.521	5834.96
562.1193	33.16333	33.13983	33.1875	5	0	5	1128644	13722.68	13463.44
208.5979	33.20117	33.13983	33.2025	3	0	3	166486.5	1038.057	2321.165
303.2322	38.88283	38.86367	38.88633	5	0	5	5676818	153005.2	46304.03
186.0747	27.22067	27.20017	27.34017	3	0	3	26997.08	8401.81	7390.782
673.5303	33.54675	33.501	33.59767	6	1	5	243242.1	156032	190272.6
638.0161	31.34333	31.32883	31.3485	5	0	5	167717.9	28191.87	27322
478.2957	23.723	23.69267	23.73667	5	0	5	750581.9	281826	112834.7
333.4562	36.99867	36.945	37.113	4	0	4	79594.95	0	0
331.8352	37.0055	36.97717	37.00783	4	0	4	122218.5	31726.43	67982.81
177.0911	37.006	36.99117	37.03783	4	0	4	283715.3	369176.8	54860.35
164.0424	33.52317	33.49617	33.5675	4	0	4	114916.6	17829.67	4751.364
277.6316	31.06583	30.97867	31.088	3	0	3	38198.66	40160.87	57529.66
381.2277	22.9685	22.95983	22.97417	3	0	3	734096.9	96902.63	57143.76
1446.976	43.58967	43.57267	43.64533	5	1	3	59349.98	49642.35	70241.74
551.0313	30.777	30.73283	30.80633	3	0	3	84874.8	133740.1	180699.1

520.095	33.17183	33.13983	33.1875	4	0	4	81518.67	7409.639	8270.9
788.1904	30.25383	30.23533	30.26867	4	4	0	41453.97	180603.4	123064.6
321.243	27.37883	27.32817	27.38417	3	0	3	324210.7	462387.1	423200.9
561.1217	33.15583	33.11267	33.1875	4	0	4	41806.69	8242.966	5677.017
320.889	31.3095	31.301	31.34333	4	0	4	197171.8	91916.11	137873.5
391.1574	25.76983	25.70633	25.78633	5	0	5	853609.9	87956.87	47686.93
429.1264	20.959	20.77367	21.03617	6	5	1	69459.51	547618	220114.3
563.1037	31.30067	31.277	31.40117	4	0	3	68122.28	5263.231	5534.96
450.1298	27.32875	27.29967	27.3695	4	0	4	59288.36	2947.821	2875.505
289.0895	18.13383	18.06983	18.1595	10	5	5	435712	2535770	1549779
513.2999	24.32783	24.32783	24.328	3	0	3	90576.67	106065.7	30004.67
174.0689	29.522	29.4915	29.53483	4	0	4	37529.75	18016.33	11939
163.039	33.5305	33.49617	33.58317	7	2	5	1445403	161511.1	177270.6
250.0598	18.12933	18.09867	18.19983	10	5	5	301464.3	1659518	998831.7
334.6589	37.00675	36.97717	37.02017	4	0	4	125579.8	2347.863	2326.607
550.1196	23.58967	23.57583	23.62667	3	0	3	44735.96	6741.314	7178.964
458.3481	33.23642	33.19067	33.29117	10	5	5	2358471	5574883	5199680
523.3653	10.70066	10.63273	10.75237	8	3	5	2061107	2557974	3536135
398.2261	26.584	26.54117	26.62083	5	0	5	495032.5	179922.1	94499.59
207.1018	24.01533	24.00183	24.03283	5	0	5	1098498	113714	17879.38
495.8419	29.66617	29.66617	29.6815	4	3	1	113845.2	238750.4	130032.2
345.2065	22.53183	22.49	22.5335	3	0	3	316663.4	155806.6	71610.91
275.201	35.60683	35.56183	35.666	4	0	4	793535.3	73463.81	30703.88
586.2482	29.12433	29.111	29.12433	3	3	0	46023.76	123719.4	86009.77
642.3431	22.81258	22.73283	22.84617	4	0	4	364166.4	82823.6	47790.66
219.0573	16.18831	16.14437	16.22193	10	5	5	195509.3	202700.8	171587
335.2586	38.37	38.35433	38.403	4	0	4	5600287	122455.8	18510.26
443.0458	22.636	22.59383	22.67567	5	0	5	186376.5	31128.79	41798.89
471.0448	25.7215	25.67583	25.73	3	3	0	27711.46	61811.15	39635.88
309.1704	21.0345	20.96633	21.03783	5	0	5	225280.6	139902.2	58857.78
333.2428	30.4565	30.433	30.47117	4	0	4	1261835	64149.47	24358.33
305.0953	21.76967	21.6765	21.779	5	0	5	1214329	68720.52	50353.12
468.4232	39.77867	39.63983	39.816	3	0	3	4830146	22894558	9769332
153.9483	30.68117	30.679	30.71167	3	3	0	201788	2551239	1579206
217.1588	37.01408	36.97717	37.03467	4	0	4	177487	254204.9	100909.6
338.233	35.22017	35.09967	35.30933	5	2	3	61739.65	417787.2	141827
674.3335	19.50233	19.48167	19.58883	3	0	3	70498.28	2757.218	3362.953
355.2247	37.59692	37.56117	37.6065	4	0	4	673033.6	169001.4	68163.05
1156.795	43.60117	43.578	43.61617	7	2	5	119712.8	135787	185124.8
695.0196	29.56633	29.52033	29.60783	4	0	4	40970.94	2161.497	3200.27
414.173	31.6215	31.59783	31.656	5	0	5	988982.4	531739.3	150832.1
334.2462	37.58017	37.546	37.6065	5	0	5	3483673	3234466	695821.1
415.3252	33.2215	33.18917	33.251	7	2	5	263869.7	589850.4	442358.2
537.0873	23.62983	23.61883	23.64933	4	0	4	188988.3	37591.84	66634.36
335.2583	39.4495	39.384	39.46133	3	0	3	11023016	112452.6	39986.56
591.9384	22.943	22.938	23.03917	3	3	0	34713.45	97908.5	57784.9
414.3218	33.23417	33.19067	33.26167	9	4	5	1282188	2616534	2096630

400.9368	10.39563	10.28922	10.42228	4	3	1	393538.8	391972.7	370754.3
289.2166	35.60683	35.56183	35.666	4	0	4	521731.1	288349.8	81140.38
516.1138	30.44917	30.442	30.4615	4	0	4	58252.61	0	0
331.2382	27.26092	27.17183	27.31083	8	2	4	288027.8	132694.6	72496.3
203.143	37.02017	36.99017	37.02283	3	0	3	69459.98	91185.35	18639.53
333.104	37.11908	37.02017	37.24	4	0	3	58256.73	3302.051	5683.368
352.2567	30.93633	30.8885	30.97867	5	0	5	320732.1	21485.58	29018.2
324.2618	35.07017	35.02733	35.103	4	0	4	480457	172472.9	152982.1
247.1696	30.22233	30.175	30.28133	4	0	4	276377.8	182592.2	82487.44
381.2278	24.53683	24.52033	24.56433	4	0	4	805451.6	155015.4	73719.27
379.212	28.66925	28.65783	28.717	4	0	4	565616.3	292055.7	110500.6
389.1416	22.32617	22.27817	22.35567	5	0	5	618591.5	185164.8	293190.8
151.1118	38.85333	38.826	38.9125	4	0	4	188646.2	515216.5	81307.35
942.6379	32.4985	32.44333	32.511	7	3	4	169859.2	992104.1	705440.7
413.0687	30.43283	30.33317	30.47117	8	3	5	1168382	1635671	3006688
373.1668	33.15725	33.125	33.1875	4	0	4	260574.1	200479.4	91995.31
883.162	41.193	41.16333	41.23617	7	2	5	342341.4	396706.6	497369.4
855.1675	41.18558	41.1485	41.26517	6	1	5	69623.85	48543.3	74367.51
493.2735	24.25417	24.23967	24.28383	5	0	5	180671.7	68049.52	12012.85
552.4385	43.60183	43.57267	43.6335	7	5	2	123056.4	907916.4	546141.1
1206.744	43.60167	43.5575	43.6025	7	2	5	245909.8	169499	285795
283.1545	19.21975	19.205	19.26167	4	0	4	289490.4	493993.3	66418.29
562.119	32.74533	32.7115	32.74717	3	0	3	253941.2	19209.47	18988.65
341.2092	31.32867	31.301	31.36317	5	0	5	1282351	285481.5	80347.64
470.1527	20.62233	20.5745	20.64767	3	3	0	30967.66	141860.7	73793.22
435.1677	37.00533	36.97717	37.00783	5	0	5	275802.1	97978.32	42462.04
207.1019	27.32333	27.3095	27.3695	4	0	4	101177.5	103398.9	17060.24
1040.732	44.16667	44.0945	44.21283	6	1	5	61007.63	85537.43	121169.8
271.9166	2.526517	2.471067	2.557617	3	0	3	104326.2	1066891	254818.6
332.4796	36.99142	36.97717	37.03467	4	0	4	67534.46	1630.691	2232.962
397.5714	32.12167	32.0415	32.2235	5	1	3	122669.9	162824.4	364086.4
553.4684	33.57317	33.536	33.62667	4	4	0	40443.79	253943.3	120837.3
362.1854	43.61217	43.58667	43.6335	10	5	5	159103.6	1729758	991423.7
403.2113	43.59483	43.572	43.60817	10	5	5	468430.6	5682216	2636296
642.3431	24.1805	24.15067	24.1945	3	0	3	131546.3	64373.52	50848.46
864.627	44.8415	44.78133	44.92467	4	1	3	31009.42	39306.98	34969.59
351.2535	31.40183	31.38583	31.44533	3	0	3	860776.1	57225.23	36464.15
321.2429	33.8615	33.82983	33.87667	4	0	4	1141843	159360.5	112832.1
416.1886	32.72983	32.70167	32.7325	3	0	3	161568.6	126788.4	39104.22
318.5882	28.58067	28.52667	28.64283	4	1	3	47629.36	39508.7	83904.48
336.803	2.5056	2.48605	2.51995	3	0	3	218829.5	3374.284	5050.527
307.2273	35.63967	35.56183	35.666	5	0	5	3051339	229741.1	98819.1
715.1777	30.95217	30.94733	30.95817	3	3	0	88845.04	504482.1	347970.9
400.1278	19.68183	19.67567	19.70183	5	5	0	95049.8	424686.4	286050.9
812.5654	32.67817	32.63767	32.734	8	3	5	127663.3	966196.2	806028.9
460.2779	43.2335	43.15933	43.26333	5	3	2	29631.64	170609.7	63763.07
375.162	33.5945	33.57067	33.597	4	0	4	703112.6	115086.7	38955.63

177.0912	31.33092	31.301	31.35767	4	0	4	116933.1	300610	77543.74
374.15	31.97483	31.94083	32.173	5	1	4	289120.6	406930.9	93778.89
403.157	29.55367	29.5495	29.57867	3	0	3	96659.36	114344.4	61410.36
335.2495	37.00533	36.96133	37.00783	5	0	5	2305866	352367.7	84084.95
286.3109	33.01	32.9455	33.04317	8	4	4	32097.13	209245.9	82352.17
333.0559	37.12517	36.99117	37.143	3	0	3	45827.88	0	0
568.0979	31.33233	31.31433	31.6635	5	0	4	197045.2	234020.1	494817.6
355.2245	37.00533	36.97617	37.00783	5	0	5	3675107	204246.8	50342.02
179.1068	24.01733	24.01533	24.03267	4	0	4	250543.7	303220.3	43059.12
433.1674	37.00533	36.96133	37.00783	5	0	5	2869559	126714.7	43859.4
367.2486	22.01258	21.92583	22.03633	4	0	4	309799.7	291843.8	138321.2
447.8495	44.62175	44.58883	44.70217	10	5	5	150970.1	1460706	253712.9
258.8863	2.6521	2.450367	2.8541	4	1	3	213167.3	516611	223008.7
522.0957	33.1575	33.125	33.1865	4	0	4	320017.9	10707.03	7972.678
337.2377	23.58883	23.57517	23.60533	3	0	3	277992.3	391529.4	221093.8
854.5853	32.60175	32.57167	32.656	10	5	5	526948.3	4675246	3658295
217.1589	31.32358	31.31517	31.37217	4	0	4	116788	300910.9	99244.69
159.0454	37.014	36.96233	37.03467	4	0	4	95807.98	20636.95	14649.91
512.2874	23.20917	23.167	23.23833	5	0	5	829651.2	200483.9	118412.4
473.162	31.3345	31.31833	31.34217	3	3	0	117530.2	1491022	1090132
424.2057	22.1125	22.10083	22.159	3	3	0	82975.13	246660.4	176586
389.1623	25.76983	25.75883	25.776	3	0	3	54186.93	41712.73	15406.03
814.9334	26.57167	26.55617	26.65017	3	0	3	31854.36	4950.067	7373.399
284.2091	37.01333	37.00567	37.02283	4	0	4	76133.07	106172	20589.81
881.1671	41.19292	41.1485	41.23617	4	1	3	44847.63	19031.79	28162.9
349.2379	30.08617	30.0425	30.1135	5	0	5	2907616	97470.55	34725.29
661.963	43.31467	43.24833	43.33767	6	2	4	65395.71	154732.6	204660.4
578.2248	26.22192	26.209	26.24217	4	4	0	64154.2	241225	165805.9
417.1921	33.165	33.13983	33.1865	4	0	4	299351.5	123347.8	70928.63
303.2322	38.383	38.364	38.38883	3	0	3	458582.9	127711.5	10953.19
441.1341	31.322	31.30467	31.34333	4	0	4	147212.4	5332.113	3547.46
713.0104	42.94567	42.928	42.97367	10	5	5	118451.5	1102417	310726.5
630.2358	30.94008	30.91983	30.94733	4	4	0	68491.52	377193	272398.1
700.3425	31.34358	31.30467	31.37217	4	0	4	99378.39	10231.97	8606.302
336.2617	39.4495	39.39833	39.46133	3	0	3	2528626	131610.8	144433.4
336.0265	36.99875	36.99017	37.00783	4	0	4	62945.58	1391.212	1918.698
658.3388	20.61217	20.59867	20.7355	3	0	3	231057.5	14055.29	15723.35
293.0849	18.14192	18.11767	18.1585	4	3	1	156478.2	794178.2	482988.3
643.3464	22.83517	22.71733	22.87467	4	0	4	95091.98	21345.82	6836.815
319.5783	33.16458	33.13983	33.17267	4	0	4	86269.4	1907.933	3108.795
518.0792	31.32358	31.31517	31.37217	4	0	4	204348.2	5138.979	3193.271
280.0973	16.18831	16.14437	16.20643	10	5	5	999332.6	1045042	708424.2
310.2462	37.43567	37.42833	37.44717	4	0	4	155412.5	111137.8	54514.82
498.2721	20.255	20.24633	20.403	5	0	5	171100	45161.38	35951.75
596.0608	27.3245	27.31367	27.35483	3	0	3	44044.16	4881.6	6247.76
248.173	30.21925	30.16567	30.28133	4	0	4	37578.92	13006.16	10489.76
768.539	32.77258	32.69683	32.79833	8	3	5	186256.7	1401858	1166521

441.3215	33.23017	33.17583	33.26167	7	2	5	676123.8	1244019	1117365
714.1742	30.94842	30.93717	30.95817	4	4	0	231604.7	1332416	957803
576.849	22.13383	22.07783	22.24567	6	1	5	248312.1	504132.2	781940.3
335.2583	38.87067	38.86367	38.88283	5	0	5	44755772	116764.4	37351.96
785.2689	43.58733	43.54783	43.63067	6	1	5	350590.9	479318.9	815358.2
389.1419	25.75517	25.71833	25.77333	3	0	3	229378.8	123941.4	118617
637.0127	31.34333	31.3185	31.37767	5	0	5	543899.3	11890.44	6978.271
342.2125	31.32358	31.301	31.32883	4	0	4	261598.6	28555.96	24585.01
390.17	37.03783	36.99017	37.04933	3	0	3	46332.55	541076.4	123679.4
764.1742	29.19992	29.11167	29.20017	4	4	0	79111.42	284397.4	212162.6
264.0686	21.76967	21.6765	21.779	5	0	5	1670903	71746.69	30854.37
437.1634	37.0055	36.96233	37.02283	4	0	4	103097.7	71852.17	49730.4
793.4441	33.69717	33.657	33.758	7	5	2	19624.1	103211.7	41833.52
293.1751	33.51333	33.18917	33.579	8	2	5	6189169	1226119	1311196
966.7224	44.33025	44.29217	44.344	10	5	5	260387.5	1809876	708267.9
405.982	18.14433	18.1395	18.189	3	3	0	32757.04	157504.8	99681.15
336.2617	38.87067	38.86367	38.88283	5	0	5	10498578	57604.55	56112.84
545.0939	31.3185	31.287	31.32883	3	0	3	55256.98	2541.543	4285.98
750.3902	43.59742	43.58783	43.61617	6	1	5	206149	686868	290008.4
621.2485	30.94733	30.93717	30.95817	3	3	0	108707.9	621748.2	460437.7
347.2223	25.06633	25.04083	25.08583	4	0	4	518289.8	173339.2	195548.8
453.6854	9.152767	9.132617	9.173283	4	1	3	1794072	4002312	1332789
447.3478	44.62175	44.58883	44.70217	10	5	5	346622.9	3708920	585645.4
365.2331	25.68617	25.66283	25.726	5	0	5	2194490	134161.1	55430.56
407.137	27.333	27.29967	27.38417	3	0	3	36141.14	13667.33	13175.22
309.2427	37.772	37.74233	37.78317	3	0	3	439895.9	139436.4	10941.98
778.549	42.60742	42.563	42.6505	10	5	5	110229.3	899671	288871.9
558.2342	27.56633	27.45517	27.72183	4	3	0	40741.47	215266.8	144684.2
167.0342	26.952	26.9435	26.99917	5	2	3	71601.49	588498.9	322913.2
303.2323	30.44717	30.42817	30.4565	3	0	3	154435.4	249624.4	190170.9
322.9204	33.17183	33.13983	33.1875	4	0	4	88488.02	38884.23	33085.99
400.3787	38.1825	38.13917	38.383	8	4	4	37828.96	458331.3	80176.12
810.5592	32.68192	32.6525	32.71783	10	5	5	1228654	10235233	8187096
475.1613	24.99133	24.98317	24.99517	3	0	3	39942.08	45266.62	26069.21
946.5596	43.6025	43.563	43.63067	7	2	5	91949.2	119495.8	129091.7
693.3668	31.31517	31.30467	31.34333	3	0	3	327224.2	18944.73	12948.58
349.1315	29.51467	29.4915	29.53483	4	0	4	106881.4	26387.14	38311.96
190.9877	2.85205	2.846317	2.85275	3	0	3	91112.48	200959.8	132065.4
524.1339	23.127	23.10367	23.21033	3	3	0	37472.95	81827.06	60516.15
686.9408	30.80617	30.74767	30.83517	4	1	3	63009.47	31189.75	69742.4
303.2321	39.46083	39.384	39.46133	3	0	3	1185091	164609.4	43670.91
486.1263	37.86158	37.83283	37.934	8	4	4	55044.48	655425.1	151383.3
348.1263	24.60733	24.586	24.62383	4	0	4	43639.46	6360.52	4703.26
179.1067	38.8865	38.86817	38.89767	4	0	4	582864.4	532770.7	73053.82
302.7395	36.99017	36.9765	37.00783	3	0	3	21546.45	0	0
407.152	35.61425	35.56183	35.666	4	0	4	141082.4	89356.22	35077.27
356.2279	37.0055	36.99183	37.00783	4	0	4	821060.5	82482.92	44689.05

459.3514	33.249	33.20683	33.27383	7	2	5	603006.3	1104462	953419.3
504.1081	31.3435	31.30467	31.35783	3	0	3	82587.12	5731.908	7007.938
195.0847	36.99017	36.96233	37.02283	3	0	3	117699.2	1564025	189964.1
490.153	27.3635	27.3245	27.3695	3	0	3	29028.3	1237.729	1695.603
560.1034	31.66058	31.64017	31.94083	4	0	3	564301.5	57236.08	59566.59
534.2979	30.957	30.928	31.0515	6	5	1	111407.3	627353.2	365418.3
476.9239	22.13633	22.015	22.23133	8	2	5	481081.6	1270206	1756081
179.1068	33.17183	33.125	33.1875	4	0	4	368777.7	471314.2	27051.36
695.2505	23.01675	22.98967	23.03067	4	0	4	108120.3	7521.726	3743.505
649.4617	43.60183	43.578	43.63217	6	1	5	78988.93	141555	150028.8
301.2167	31.95858	31.94083	32.0005	4	0	4	840579.1	287248.8	54280.04
514.8616	16.2994	16.2228	16.31143	4	0	4	216521.8	573745	503134
410.2905	19.43767	19.3935	19.44267	3	0	3	47022.3	9206.084	11807.58
349.2015	26.07467	26.05033	26.07667	3	0	3	304532.3	79431.36	42411.18
590.9026	32.15417	32.044	32.2095	4	1	3	33491.86	36698.11	45829.65
780.0485	38.88283	38.86367	38.8975	3	0	3	53985.62	4007.292	5077.339
563.1226	33.16475	33.13983	33.17183	4	0	4	280810.8	6569.311	5250.657
246.5976	23.7785	23.76533	23.812	6	1	5	70494.53	51631.65	76447.62
331.2271	35.24283	35.15933	35.30933	4	0	4	269416.1	123456.2	45038.44
594.2297	30.95233	30.93717	30.96417	4	4	0	171787	1186680	896427.8
215.6056	38.88283	38.85333	38.88733	4	0	4	209650.2	2204.963	2139.911
608.2516	29.2135	29.18517	29.24733	7	5	2	333751.1	2021393	1313262
595.0779	26.57017	26.56017	26.62083	3	0	3	35291.7	5843.617	5728.935
491.1801	26.43658	26.39833	26.4595	4	1	3	44715.58	55722.44	67189.95
672.5265	33.55817	33.5305	33.58283	6	1	5	700486.4	597805	613479.5
246.0959	23.78483	23.76133	23.8115	7	2	5	317961.3	412862.2	587443.6
474.7109	31.31475	31.29983	31.3185	4	0	4	145511.7	26916.49	54839.68
350.1498	31.17383	31.1685	31.20183	4	0	4	36242.58	7271.854	10729.79
418.2806	21.91667	21.78383	21.93617	3	0	3	152831.2	138945.9	59475.06
736.9379	31.32933	31.31433	31.36317	5	0	5	425913.5	8140.874	7389.463
667.3327	43.59317	43.57267	43.6025	3	0	3	113862.8	235846.9	275199.5
337.0469	38.8755	38.86367	38.88283	4	0	4	160916.4	1137.167	1589.85
307.0631	19.08533	19.07017	19.10083	3	0	3	196889.9	11839.57	7026.602
489.0837	37.88033	37.8545	37.88767	4	4	0	41050.37	336321.4	201432.4
512.1641	10.68095	10.64782	10.75237	8	3	5	2919559	9122044	4750419
578.277	27.44817	27.43983	27.53083	5	4	1	88482.94	623992	295637.6
411.1836	21.04217	21.023	21.3215	4	0	3	378663.7	308545.4	144353.1
284.1578	19.20767	19.205	19.23183	3	0	3	33439.27	27931.38	8341.172
368.2606	22.035	21.94167	22.18317	3	0	3	70276.9	14801.17	18446.4
414.0723	30.41908	30.33317	30.44967	6	1	5	191337.5	238104.4	480181.7
779.0504	42.59267	42.54167	42.66483	5	2	3	57256.58	247172.4	72486.07
338.2694	33.1865	33.16333	33.2025	5	0	5	541648.7	62532.38	92534.85
363.2172	21.58658	21.45517	21.59583	4	0	4	531977.8	133054.8	26931.54
302.2197	37.59483	37.57683	37.599	3	0	3	280703.6	394511.6	53303.87
353.2692	26.11208	26.08517	26.15883	6	1	5	924353.8	222265.9	276582.5
764.0189	31.3185	31.31517	31.4155	3	0	3	73042.76	1799.884	4024.663
394.3318	38.88283	38.8755	38.88283	3	0	3	86072.13	20622.29	11974.89

568.0697	24.01817	24.00033	24.0475	3	0	3	38737.02	7363.692	11861.2
826.0209	10.67418	10.6177	10.77118	4	0	4	188373.5	84300.62	152239.7
333.4837	38.8755	38.86367	38.88283	4	0	4	163445	1814.298	2601.888
336.2619	38.379	38.346	38.403	3	0	3	1384880	56248.23	41508.35
606.2545	29.20675	29.19917	29.3435	8	5	3	593204.3	3851239	2589362
898.6117	32.5555	32.5135	32.581	8	3	5	373275.3	2196482	1471909
281.0476	14.23448	14.17657	14.25975	5	0	5	777953.9	228432.6	349598.3
618.426	43.60183	43.54333	43.64517	10	5	5	394831.1	2520992	1603305
403.1208	25.40208	25.393	25.4035	4	0	4	307440.3	242081.8	514326.8
691.367	31.32867	31.301	31.37767	5	0	5	3872541	20250.23	8142.72
375.2473	31.31683	31.31433	31.34333	4	0	4	59741.7	72186.6	25488.48
725.5153	32.82717	32.75017	32.84417	4	1	3	50776.19	100989.8	110344.3
429.3003	41.739	41.67167	41.7745	10	5	5	146569.9	1493405	238106.6
483.1131	44.30692	44.29767	44.30717	4	1	3	36527.45	25631.82	42752.67
262.0867	23.03933	23.01867	23.06	4	0	4	154464.8	49615.83	24364.27
391.296	16.36978	16.3671	16.3784	3	0	3	209889.8	3229906	1212908
368.234	18.72258	18.70033	18.74317	4	0	4	421207.9	207756.7	77151.65
307.2273	36.433	36.407	36.48633	4	0	4	233207.5	183163.2	38060.19
514.1609	10.66473	10.57787	10.77118	7	4	3	1723674	5053854	2942907
551.4355	43.59758	43.58667	43.6335	10	5	5	394439.2	3099838	1828736
331.2272	30.47283	30.45867	30.51467	4	0	4	543172.9	271809.2	189770.2
332.1563	38.12092	38.09867	38.14517	4	4	0	56147.42	361597.8	193260
601.0682	24.018	24.00183	24.03283	3	0	3	46360.01	10899.42	17683.9
581.0982	37.04358	36.97717	37.065	4	0	4	60502.29	6466.949	8716.637
321.9003	31.30467	31.301	31.34333	3	0	3	35092.24	56118.5	44964.81
237.1851	33.1865	33.17183	33.1875	3	0	3	110514.7	212351.2	71199.24
349.2375	38.85333	38.8515	38.88283	3	0	3	97886.21	137625.3	47614.27
338.2691	38.8535	38.83883	38.86817	3	0	3	40789.11	16032.66	15034.87
314.7584	30.41683	30.34733	30.47133	7	3	4	41677.67	79935.76	84939.81
404.7867	10.38887	10.36155	10.41848	4	1	3	163515.6	219652.7	246672.7
323.2584	34.65483	34.6225	34.68933	4	0	4	300791.9	133149.5	79550.15
482.3615	32.00058	31.96717	32.044	8	5	3	484530.3	2471504	1505914
383.1469	31.34333	31.31433	31.36317	5	0	5	227853.4	33405.21	21097.76
1449.005	42.81533	42.747	42.88067	7	2	5	63869.59	126985	124762.8
519.0971	33.17183	33.125	33.1875	4	0	4	157166.8	132490.7	115118.8
562.8697	25.697	25.60383	25.71367	5	1	4	56349.14	39949.26	62422.57
335.2223	24.846	24.82983	24.85883	5	0	5	1175670	304752.1	266370
379.2121	24.879	24.74117	24.947	6	0	5	2246685	238552.3	56982.69
492.346	31.64017	31.627	31.689	5	2	3	53663.07	339460.9	137817.4
606.2346	26.86717	26.849	26.86817	3	3	0	25971.79	102223.3	74524.19
319.2271	23.62667	23.6005	23.63467	5	0	5	683228.1	373847.5	355542.1
778.0474	42.59817	42.576	42.63367	10	5	5	247919.5	2033844	690979.5
307.0744	13.68223	13.59352	13.73812	3	0	3	53389.14	32453.78	51559.16
485.3477	33.21575	33.184	33.2765	6	1	5	649286.6	1512901	1377532
565.2037	23.22025	23.20917	23.23833	4	0	4	96593.85	6170.653	5119.903
381.1487	31.34333	31.31517	31.36317	5	0	5	476595.9	111035.4	152555
415.2523	24.024	24.00183	24.03283	4	0	4	282828.8	51293.84	13007.52

616.4289	43.60225	43.572	43.61833	10	5	5	774066.8	4891573	2922903
528.3021	43.6095	43.58967	43.71083	4	1	3	107654.4	2410147	590031.8
692.3703	31.32358	31.301	31.34333	4	0	4	1797282	169081.3	68868.66
606.2386	27.441	27.43983	27.45633	3	3	0	32820.15	153776.6	112331.4
708.8011	25.67808	25.65317	25.73317	4	1	3	50562.77	49432.17	108565.4
539.0303	33.51817	33.50617	33.5675	4	0	4	94278.18	16494.06	17458.52
522.0816	31.32392	31.29983	31.35767	4	0	4	93342.23	15549.23	10884.99
491.0817	41.71667	41.68767	41.74433	7	5	2	27482.09	282952	79395.74
372.1502	31.32883	31.31517	31.36317	5	0	5	266804.9	371227.8	396997
347.2583	38.515	38.51267	38.53	3	0	3	315303.9	38090.85	18335.11
480.6826	42.93242	42.88767	42.99867	10	5	5	119064.8	933259.2	246302.3
219.1744	38.88283	38.8755	38.8975	3	0	3	88859.31	44205.55	29300.26
199.6039	31.3185	31.25867	31.38667	3	0	3	69747.01	4753.435	3983.484
393.1729	26.9435	26.92167	26.94683	3	0	3	202989.9	160266.9	27351.38
374.1421	25.61867	25.577	25.64017	6	2	4	122185.3	233984.6	410040.4
445.2549	26.952	26.919	27.017	3	0	3	44917.97	119141.8	50886.82
294.1784	33.51083	33.49617	33.5675	5	0	5	1145677	272485.2	81594.96
747.1943	29.26633	29.2425	29.32917	4	1	3	113050.6	105542.5	121599.9
315.2322	37.01275	36.97717	37.02283	4	0	4	133549.8	319310.8	68845.7
264.873	2.504067	2.48605	2.526517	3	0	3	258773.5	39488.33	22007.62
627.3269	23.1515	23.136	23.23833	3	0	3	31672.54	15620.75	13436.16
347.2583	39.07675	39.05	39.10433	4	0	4	298523.6	54817.53	24852.46
243.1594	22.70417	22.70033	22.7235	3	0	3	52565.38	126090.6	73861.5
534.1252	33.1865	33.14233	33.1875	3	0	3	49971.24	3667.666	6360.329
339.2172	24.32967	24.29833	24.35767	5	0	5	503833.8	66378.49	19332.27
663.2295	25.726	25.71833	25.72967	3	0	3	44388.57	0	0
331.1107	21.71783	21.66433	21.744	4	4	0	61272.51	259827.6	155261.7
379.2121	26.10392	26.07917	26.13683	4	0	4	633563.4	143039.4	56724.48
328.2001	10.68362	10.63728	10.77118	7	4	3	192511	284165.1	137689
408.7878	2.648333	2.557617	2.806883	3	0	3	331231.6	519399.5	127329.8
786.2001	30.25317	30.23183	30.3055	5	4	1	34182.61	202712	98634.65
536.1036	31.20683	31.19783	31.216	3	0	3	68556.45	5704.643	4176.652
778.0326	37.01408	36.97717	37.03467	4	0	4	107721.1	2966.16	3039.431
304.2355	38.8755	38.86367	38.89767	4	0	4	1170846	1156306	207655.7
411.231	43.55983	43.5435	43.61617	5	2	3	84395.47	384153.1	95473.73
549.4021	43.87192	43.835	43.93067	10	5	5	352231	4062484	962005.6
597.3834	43.61092	43.58667	43.61833	4	4	0	81456.62	434673	310485.8
305.248	35.06333	35.0405	35.08833	4	0	4	612306.4	395615.2	317988.3
249.1488	23.76358	23.75067	23.7675	4	0	4	302213.3	56331.17	17403.69
284.1177	22.11725	22.05267	22.14983	10	5	5	133221.9	803879.7	444697.6
181.0497	33.5305	33.49617	33.58317	7	2	5	651265.9	159822.9	84273.2
519.3255	30.95217	30.943	31.0515	9	5	4	530510.8	3255652	2145176
604.2411	27.4605	27.441	27.51567	5	4	1	52792.11	363214.6	266080
352.2848	39.20167	39.172	39.25283	3	0	3	139285.6	18502.53	13958.3
335.6685	37.02017	37.00567	37.02283	3	0	3	30140.65	0	0
294.047	10.98168	10.83542	11.10782	8	2	5	613281.5	72891.17	75757.02
228.1313	14.2379	14.23448	14.2452	3	0	3	47583.2	15931.94	20024.39

676.2372	29.20017	29.18517	29.215	3	3	0	50179.21	258004.8	177701.5
338.2696	33.5675	33.54533	33.578	5	0	5	301992.5	28060.4	25989.98
290.2484	35.39858	35.327	35.45783	4	1	3	83693.34	668020.3	316825.1
591.0072	31.32867	31.301	31.34333	3	0	3	288504.2	4322.349	2984.076
435.0273	30.9935	30.96517	31.07967	5	1	4	84931.86	90316.62	196867.9
345.1827	35.62117	35.54583	35.666	3	0	3	30439.82	230445.5	82832.45
420.2972	10.30393	10.22325	10.33708	4	1	3	182979.7	113964.3	99143.27
587.0652	31.29983	31.287	31.35767	3	0	3	75325.94	17894.96	17027.44
566.1151	33.16308	33.11267	33.17267	4	0	4	67656.36	2580.123	3539.881
403.3616	32.65208	32.5785	32.71783	8	4	4	29109.64	187717.4	46700.79
467.0459	27.22633	27.186	27.252	3	0	3	32400.06	3756.328	5559.935
649.0354	31.35767	31.32867	31.36017	3	0	3	93278.66	44995.92	88036.06
241.5733	23.01883	23.01867	23.04483	3	0	3	81552.59	17290.43	19357.88
377.1778	35.09983	35.02583	35.11583	5	0	5	1198610	130027.1	51263.16
151.1117	37.61417	37.59483	37.62133	3	0	3	103018.3	288423.6	54281.04
343.1208	22.64358	22.635	22.66167	4	0	4	79370.88	41178.41	13314.2
448.9289	22.13633	22.02933	22.24567	8	2	5	317233.7	703787.8	989801
433.1676	37.59333	37.56117	37.599	4	0	4	504564.5	137214.7	57327.38
503.3776	33.23017	33.16933	33.26167	7	2	5	963352.6	1978928	1753629
716.1728	30.93483	30.91983	30.943	4	4	0	218552.3	1040702	836187.4
491.1843	23.79408	23.73017	23.8115	8	3	5	671169.3	975321.3	1461716
738.9384	31.333	31.32867	31.37217	4	0	4	143219.9	8604.543	4627.509
333.8381	38.87183	38.86817	38.88283	4	0	4	73178.72	3726.906	4284.803
704.1856	30.95867	30.943	31.07383	10	5	5	282596.3	2173999	879534
425.0109	22.11867	22.11533	22.12267	3	3	0	30321.15	200244.8	74789.38
395.2071	20.715	20.7015	20.7515	5	0	5	117988	109915.9	103487.7
357.2402	38.88283	38.86367	38.88283	4	0	4	2081445	309795	109025.4
791.2922	31.32358	31.301	31.34333	4	0	4	2194621	2204.162	3026.749
335.0151	37.599	37.59483	37.6065	3	0	3	65897.43	6160.566	4665.329
603.2466	27.45633	27.45517	27.4565	3	3	0	24479.03	107223.3	78771.43
712.1862	30.957	30.922	31.04533	8	5	3	193700.1	1264098	747027.2
518.3224	30.95867	30.943	31.07383	10	5	5	2192101	14791693	9733446
387.0783	30.84733	30.74683	30.88867	9	4	5	659394.3	4673956	2532941
431.1715	24.8385	24.8285	24.86083	3	0	3	76759.99	33046.13	14545.61
308.2306	35.6465	35.56183	35.68083	5	0	5	679862.4	291351.4	85835.27
659.4783	34.7515	34.72933	34.786	4	3	1	269379.6	504062.2	241879.5
510.3183	29.22575	29.163	29.27183	6	2	4	89386.8	595480.8	283590.2
153.9484	31.63542	31.34883	31.72167	4	3	0	247786.2	5183317	3226605
631.2575	29.11767	29.09717	29.149	6	5	1	188871.8	696317.3	535451.8
333.243	38.67683	38.42133	38.85333	5	0	4	2229177	86325.73	19563.64
654.2555	29.22225	29.18433	29.23017	4	4	0	72158.48	317505.6	251713.7
1207.742	43.58783	43.53283	43.602	7	2	5	187176.6	244914.5	349113.8
884.1652	41.193	41.16333	41.23617	7	2	5	142821.5	158762.1	199984.4
387.2941	28.94333	28.92233	28.995	4	0	4	79257.44	80090.95	68386.25
427.9813	14.25975	14.23448	14.28628	3	0	3	28559.48	3301.643	4011.855
389.1415	24.853	24.815	24.86083	5	0	5	411606	93664.7	94738.34
376.1502	31.31917	31.31517	31.32883	5	0	5	396792.2	658340.6	249532

695.363	31.32358	31.31517	31.34333	4	0	4	165058.9	13324.39	14020.31
471.1955	20.53883	20.47467	20.7355	4	1	3	134069.5	259460.9	159461.3
1445.973	43.60167	43.578	43.6025	6	1	5	100510.8	97415.96	133801.9
475.0871	33.1865	33.14283	33.21583	3	0	3	49764.63	9283.763	16467.05
486.3509	33.21133	33.15433	33.23667	4	1	3	159066.3	302510.1	165665.1
339.2538	21.03583	20.97717	21.0915	5	0	5	677388.1	36200.99	14904.84
598.4897	43.0185	42.98217	43.03883	8	4	4	53772.72	252291.5	96933.73
916.6002	43.58967	43.573	43.60167	7	2	5	167245.2	247194.1	231743.4
331.484	37.599	37.58017	37.6065	3	0	3	61703.8	912.7126	2040.888
161.0961	38.89767	38.88733	38.91233	3	0	3	147092	79531.97	11816.35
598.3622	9.36625	9.188017	9.387533	3	0	3	7642986	1672732	1458435
1054.775	44.03417	43.99667	44.04467	9	4	5	268279.1	1814664	822825.2
1361.956	43.08358	43.02517	43.10017	10	5	5	123955.3	523526	449633.2
855.5887	32.60833	32.571	32.65333	8	3	5	240861.3	2140906	1647071
512.2409	20.40917	20.3615	20.59983	6	5	1	91214.96	476813.4	282639.6
560.1036	31.32867	31.301	31.36317	5	0	5	1326447	79033.89	58428.14
305.545	23.19583	23.1585	23.20917	5	1	4	70208.33	63079.79	135829.4
579.0979	37.00658	36.97717	37.02017	4	0	4	544442.6	8152.464	2692.417
1000.504	43.58817	43.55817	43.61733	6	2	4	44597.86	73698.49	62867.08
551.1031	37.0215	36.97717	37.03517	4	0	4	121647.5	4203.965	2990.72
501.086	37.40483	37.40167	37.42333	3	3	0	30801.17	150140.2	112038.3
373.6481	31.32358	31.301	31.34333	4	0	4	150429.6	562.1375	1256.978
416.1736	31.61283	31.612	31.649	3	0	3	103566.8	124189.1	63746.14
217.5852	24.32783	24.29833	24.35767	3	0	3	35838.39	2601.303	3688.207
336.6875	38.87917	38.86817	38.88283	4	0	4	74960.09	1667.012	1626.623
336.2531	37.04375	37.00533	37.06583	4	0	4	80178.84	19239.26	6540.113
366.2475	10.67446	10.63357	10.77118	6	3	3	117862.5	257892.9	156908.7
636.0057	31.32867	31.30467	31.32883	3	0	3	91383.02	5000.713	3506.225
385.065	31.00858	30.93567	31.07967	4	1	3	106313.5	120216.5	257236.1
152.1151	36.99867	36.962	37.02283	4	0	4	63840.43	29571.33	13842.58
517.0506	37.45567	37.38067	37.47317	5	1	4	27403.28	48418.73	75765.9
364.2205	22.54708	22.49	22.54783	4	0	4	508439.7	756741.8	327389.7
1096.795	43.87933	43.8495	43.8995	10	5	5	1292830	8929329	4853770
335.2222	29.49083	29.448	29.49433	3	0	3	123320.1	165546.2	95719.3
335.2222	27.53083	27.50083	27.54533	3	0	3	196449.1	226075.5	53598.93
402.1267	19.68767	19.67567	19.69817	5	5	0	62584.59	242273.9	143883.2
213.1489	11.14173	10.90787	11.23985	7	1	4	507336.8	2160878	1607005
356.2277	37.59483	37.57683	37.599	3	0	3	153179.5	66188.43	28347.03
530.0936	25.79567	25.75517	25.80217	4	0	4	42977.94	5018.195	7649.751
595.2332	30.922	30.918	30.93483	3	3	0	60443.81	244080	197461.3
180.11	38.8925	38.88283	38.89783	4	0	4	50484.38	16023.6	10660.77
580.1009	37.0055	36.97717	37.05283	4	0	4	139609.7	3672.609	2270.68
376.1654	33.15717	33.13417	33.1875	5	0	5	1125076	932366	284110.8
367.2484	23.76683	23.736	23.776	4	0	4	333469.7	322843.8	159966.4
756.0342	42.71283	42.66967	42.74967	10	5	5	427366.9	3469592	1135816
323.2221	31.90025	31.854	31.92733	4	0	4	171088.6	261020.6	83811.58
243.091	22.09933	22.005	22.12267	6	5	1	74993.37	347790.9	164935.7

436.3064	21.44267	21.3015	21.45483	4	1	3	45638.71	335320.5	151681.3
269.2116	25.52133	25.50317	25.54033	4	0	4	417799.8	522478.5	333619.5
378.1004	19.21417	19.205	19.247	5	0	5	562795.4	131775.5	216121.8
460.8919	16.68417	16.63233	16.70467	3	0	3	27424.56	6562.43	6676.779
514.0231	30.777	30.64783	30.80633	3	0	3	37264.04	16904.39	24946.12
258.5604	33.2025	33.17183	33.21583	3	0	3	51526.33	606.5451	1356.276
223.9803	4.112683	3.966233	4.149983	3	0	3	455257.8	203220.3	148955.4
655.4776	31.32358	31.301	31.34333	4	0	4	197386.3	616.9501	1379.542
212.0832	9.529058	9.5169	9.751083	4	1	3	12469113	281895.1	200400.5
241.2039	10.19342	9.993883	10.27863	4	0	4	327960.4	36221.26	18888.43
364.2852	31.33783	31.31517	31.38667	4	0	4	57749.84	41421.61	61523.12
490.3007	27.16267	26.87517	27.19583	6	0	5	165778	214865.8	36290.51
257.5525	31.35775	31.29083	31.61283	4	0	3	109929.4	3943.717	4650.629
802.5907	42.33633	42.28867	42.3545	5	3	2	24683.78	86169.16	34936.48
351.2534	33.811	33.8055	33.89167	5	1	4	442728.8	146097.8	113408.4
305.2117	30.25358	30.23267	30.296	4	0	4	112898.1	210954.2	120630.3
792.2953	31.32358	31.301	31.34333	4	0	4	886595.3	122239.2	151799.1
214.9173	2.26015	2.175667	2.349233	3	3	0	33736.02	786518.3	617064.4
607.0641	24.03267	24.03133	24.03283	3	0	3	32444.42	3885.782	7251.291
757.274	43.53283	43.48533	43.63067	5	1	4	119959.7	74508.64	51694.17
633.2523	29.11133	29.10917	29.15467	4	4	0	122835.9	366642.6	284419.9
337.265	38.8755	38.86367	38.88283	4	0	4	1176633	179160	70914.7
251.0602	18.1435	18.1395	18.1595	3	3	0	32357.6	131409.1	78405.18
492.1878	23.80017	23.76133	23.82633	7	2	5	147529.9	190077.8	280940.4
579.0977	37.599	37.59483	37.6065	3	0	3	96480.63	4588.683	5659.719
192.9857	20.78867	20.62817	20.833	3	3	0	301659.6	3557803	2559577
365.9958	16.95067	16.94917	17.002	3	3	0	29116.85	105037.8	63312.48
349.2015	25.40217	25.35767	25.43183	5	0	5	588601.1	100430.5	84092.02
689.3717	31.32358	31.31517	31.34333	4	0	4	214327.8	12066.76	10216.12
598.2251	30.95575	30.93717	30.97317	4	4	0	92816.97	498172.7	411124.1
441.2507	18.37283	18.35983	18.41683	4	0	4	83698.17	92892.37	38133.89
738.1753	29.111	29.08283	29.12433	3	3	0	37134.05	124777.6	68660.27
353.2329	27.28717	27.271	27.31083	3	0	3	68925.5	161635.4	22703.25
635.0176	31.31642	31.301	31.35767	4	0	4	119715	7057.563	10914.76
483.2292	38.61517	38.6095	38.62717	3	3	0	48953.45	218066.8	168986.9
225.0465	18.1585	18.124	18.1595	3	3	0	46819.43	241896	146970.1
249.1488	24.20233	24.16483	24.21	4	0	4	267550.7	48433.09	16039.78
654.4743	31.31642	31.301	31.34333	4	0	4	485896.4	0	0
378.1658	33.1575	33.13983	33.1865	4	0	4	107327.8	1860281	590043.2
1233.735	43.58817	43.573	43.602	4	0	4	82713.29	40435.43	67875.95
295.2273	31.18825	31.15917	31.19817	4	0	4	564262.4	1336767	315202.2
349.2377	30.893	30.8175	30.89367	3	0	3	300390.3	63905.28	40607.29
374.9706	11.09684	10.9623	11.12732	4	1	3	61423.39	154800.1	142822.5
578.1144	23.63333	23.58517	23.63467	3	0	3	121394.3	30932.85	47635.8
563.1256	36.999	36.99183	37.00567	4	0	4	103434.1	9408.087	3664.423
201.0466	20.77333	20.75867	20.77617	3	0	3	261017.5	780558.3	280768.5
468.1765	23.78017	23.76617	23.78217	3	0	3	101470	135192.4	71599.37

1142.75	18.68583	18.67433	18.713	3	0	3	70007.53	39685.2	60130.43
772.5796	32.87917	32.85917	32.902	4	0	4	137923.3	300241.1	378257.9
807.6763	43.60283	43.60117	43.61717	5	4	1	165797	911603.8	658124.5
430.3894	37.28183	37.24533	37.51767	10	5	5	164218.6	1864240	273576.3
558.9993	30.41067	30.34733	30.4565	5	1	4	148260.6	222050.5	478871.4
340.2025	11.96353	11.94157	12.14663	4	0	4	3326933	112735.2	85156.29
599.0724	24.02408	24.00183	24.0475	4	0	4	114904.9	121190.1	166284.7
427.0623	25.68517	25.67417	25.697	4	1	3	48087.57	66212.76	124369.1
337.238	25.76133	25.72083	25.77333	5	0	5	636688.4	211378	95798.69
434.1707	37.0055	36.97717	37.00783	4	0	4	619932.3	680556.8	110055
303.1	21.7505	21.74033	21.77133	3	0	3	203048.9	975970.6	635183.4
406.1401	27.35433	27.333	27.3695	3	0	3	40624.29	21928.09	16943.26
910.2322	31.3185	31.301	31.32883	3	0	3	101928.7	4246.538	7264.248
384.2749	34.14967	34.12017	34.23067	4	0	4	480204	71536.83	39167.78
593.0228	33.16458	33.13983	33.1875	4	0	4	203074.2	1625.998	3635.842
184.9857	2.812242	2.628283	3.0323	4	0	3	624334.2	1010792	262780.6
790.1886	30.24258	30.23533	30.2605	4	4	0	34577.74	162634.7	136106.1
356.28	23.67442	23.66267	23.70833	4	0	4	102799.8	52200.8	62820.83
442.325	33.2355	33.2155	33.26167	7	2	5	149008.7	225943	187917.3
739.358	43.5875	43.54783	43.61617	7	2	5	110684	392060.2	370403.5
633.2726	30.24717	30.23533	30.2605	5	5	0	72826.92	364846.1	281028.2
619.4288	43.60267	43.52917	43.61717	6	4	2	133852.9	991606.5	656833.1
252.0586	18.12517	18.0175	18.1585	7	5	2	224939.9	972919.2	674923.3
1009.746	44.16825	44.14433	44.19833	10	5	5	830045.8	6244306	2957945
1444.973	43.60183	43.54783	43.61617	6	1	5	148355.4	68794.94	97044.65
288.1486	32.18492	32.12167	32.365	4	1	3	62892.07	69874.27	33692.26
448.2182	19.29075	19.25817	19.32017	4	1	3	29394.84	79868.74	49084.9
753.4411	40.5075	40.48667	40.52117	5	5	0	70116.25	469914.6	351037.5
437.1833	38.8865	38.86817	38.89767	4	0	4	119339.2	92713.18	64143.24
285.2217	33.17917	33.16933	33.2025	4	0	4	228862.3	382265.2	107141.3
560.1241	33.17183	33.17183	33.184	3	0	3	124413.5	44496.37	24181.27
371.2199	29.56833	29.52033	29.58383	5	0	5	490465.1	188493.4	66650.29
319.2274	33.09083	33.06617	33.09783	4	0	4	967980.2	266140.6	90366.17
265.0718	21.76967	21.6765	21.779	5	0	5	132462.4	30300.7	12698.28
740.2012	32.08817	32.07183	32.25117	5	4	1	93869.56	739063.5	601309.8
520.0725	25.60458	25.59033	25.67417	4	1	3	32836.77	20394.47	32836.8
789.2968	31.3185	31.301	31.34333	3	0	3	271255.7	768.2543	1717.869
323.0217	30.80633	30.7045	30.84933	5	1	4	130410.9	284010.1	593556.4
349.2377	32.50008	32.44333	32.55633	4	0	4	1107569	128236.2	53491.78
287.1567	22.70458	22.6485	22.73967	8	3	5	487301.5	232163	141498.1
651.3609	43.60167	43.57467	43.61567	5	2	3	57461.37	209882.7	135439.5
430.9183	22.136	22.015	22.21683	6	1	4	218240.5	651582.6	620049.4
323.2496	33.16458	33.13983	33.17267	4	0	4	336371.1	359146.2	250624.8
382.2314	20.55417	20.52533	20.64567	4	0	4	146393.4	143110.2	41939.09
568.4006	42.27675	42.2165	42.33383	10	5	5	64604.53	484168	111664
444.1471	23.46725	23.4595	23.48767	4	0	4	204445.2	7040.309	7688.945
426.2132	42.45383	42.3625	42.474	7	3	4	107655.3	1084583	338970.4

309.2426	35.6055	35.59333	35.69567	3	0	3	103162	181598.5	33402.19
394.3067	38.89025	38.8755	38.91233	4	0	4	107297.5	21165.25	13453.12
337.0739	19.20767	19.19883	19.247	5	0	5	156005.7	51053.19	87138.03
541.1505	43.52908	43.499	43.60817	6	2	4	168047.2	1400807	1853546
337.074	15.44312	15.42228	15.45395	5	0	5	306839.4	29208.78	24241.12
520.9139	22.1215	22.00883	22.15067	5	1	4	74812.9	134805	259644.8
275.2371	38.80933	38.80933	38.826	3	0	3	160802.8	134216.6	94054.62
463.1419	29.75042	29.73883	29.78317	4	0	4	67921.27	42557.65	52793.76
712.5092	42.95908	42.91283	42.98033	10	5	5	421266.1	3811638	1253941
547.1446	43.55717	43.52583	43.64533	4	3	1	100310.9	622884.8	745913.6
579.9286	43.74525	43.7325	43.76567	10	5	5	2083540	25211852	5665525
312.1706	43.61617	43.6045	43.64667	3	0	3	45505.36	266091.6	243043.1
534.1011	33.1575	33.08083	33.1865	4	0	4	71529.44	6169.025	11859.02
352.2848	38.86075	38.83883	38.86817	4	0	4	255779.5	63825.88	77850.48
322.5833	33.17183	33.17183	33.17267	3	0	3	32638.37	694.2804	1552.458
486.9083	21.76125	21.5865	21.779	6	0	5	146153.2	3096.525	3851.234
496.1647	26.60517	26.54217	26.66483	3	0	3	40188.28	21162.63	19951.45
1360.953	43.07167	43.017	43.11483	9	4	5	177085.7	767084.6	552161.2
271.1543	33.20683	33.19867	33.27417	3	0	3	257931.5	1033260	357709.3
202.0821	27.271	27.17217	27.31783	5	2	3	62426.26	53669.74	35085.18
279.0931	16.64823	16.58927	16.70467	5	1	4	188840.4	446471.6	245402.1
285.2215	38.89017	38.8755	38.89767	4	0	4	301179.9	479443.8	74193.08
794.0794	8.753233	8.533633	8.7798	3	3	0	104688.4	108532.6	86532.59
409.5639	29.23025	29.155	29.373	4	1	3	102381.6	83757.87	182657
667.3668	31.26283	31.2445	31.2855	3	0	3	92105.98	14034.22	14683.31
564.1191	33.15733	33.125	33.1875	5	0	5	174140.8	14364.01	12058.74
415.1764	31.63067	31.612	31.63617	4	0	4	189744.7	258735	218155.4
665.9232	10.06564	9.93755	10.08655	4	1	3	243317.9	46444.38	72830.77
553.0823	35.5775	35.574	35.69567	3	0	3	33504.28	7412.771	5849.194
421.3295	30.57083	30.51467	30.59083	8	3	5	121555.3	227388.7	93855.8
377.1776	35.467	35.46467	35.51733	3	0	3	165626.8	138645.3	69851.44
590.2437	28.5445	28.51733	28.681	6	5	1	87166.03	375196	302969
674.2404	29.2075	29.16983	29.21517	4	4	0	101865.9	440995.7	356989.4
592.3857	22.8305	22.80367	22.89467	5	2	3	45518.29	68195.87	37423.32
799.5589	42.485	42.45883	42.5495	10	5	5	173498.7	1443775	536022.8
371.1985	37.0055	36.99183	37.00783	4	0	4	546366	273493.6	28238.02
441.2758	18.078	18.06983	18.08867	4	0	4	255483.8	17893.39	21934.98
494.1725	37.41983	37.40167	37.45383	3	3	0	24191.61	89031	72592.17
553.1038	37.014	36.99183	37.02017	4	0	4	64923.89	4134.499	4957.648
450.4308	42.52083	42.47367	42.6505	10	5	5	160358.6	868904.7	149638.9
187.0768	31.31917	31.301	31.34333	5	0	5	292014.5	222293.2	61019.43
416.2701	25.08583	25.05	25.0985	3	0	3	112421.6	152855.1	73046.49
435.183	38.87917	38.86817	38.89767	4	0	4	1336761	115384.7	43744.59
358.2436	38.88283	38.8755	38.88283	4	0	4	394205.6	291215	51255.29
322.2462	32.7385	32.72983	32.74717	4	0	4	1262832	1665315	524888.9
337.274	40.80075	40.7825	40.86067	4	0	4	238886.8	346794	62859.74
309.2428	37.43033	37.3955	37.446	4	0	4	877663.6	160300.1	26700.01

527.071	31.336	31.3185	31.36317	4	0	4	310637.3	38684.53	68619.8
339.0898	17.28083	17.2395	17.3065	5	0	5	779396	125818.1	100114.9
381.2278	25.393	25.3875	25.433	3	0	3	472143.5	179928.3	83673.58
282.0507	14.23818	14.10212	14.25975	4	0	4	73447.38	51184.45	41729.03
409.999	21.77133	21.722	21.78433	5	0	5	1032530	190688.5	219909.8
1004.502	43.55983	43.54783	43.602	3	0	3	58300.49	103774.8	115754.3
437.1498	31.56117	31.55567	31.5705	3	0	3	32077.82	6821.408	8791.621
449.1624	27.23867	27.21433	27.2815	4	0	4	103120.9	360712	250797.8
373.2782	23.56133	23.56067	23.58883	3	0	3	41518.53	8725.833	6293.827
617.876	22.1655	22.09383	22.19217	3	0	3	85952.21	184067.2	341483
369.2641	24.96417	24.95417	24.97983	3	0	3	497845.7	74555.17	62580.33
593.8524	22.09383	22.03633	22.19417	3	0	3	43343.87	26917.07	47259.13
382.2496	21.62708	21.513	21.765	4	0	4	309244.2	176889	121554.5
420.5637	29.12633	29.10667	29.2115	5	1	4	66326.01	62126.32	136427.6
439.3361	44.63117	44.6035	44.66783	8	5	3	69264.52	589196.9	95047.31
352.2488	11.77789	11.76393	11.79172	4	1	3	63169.28	237429.8	141334.5
379.1783	35.06442	35.02733	35.09983	4	0	4	111505.7	229963.8	70289.23
392.8146	2.08755	2.062117	2.120333	3	3	0	39664.29	518981.7	224460.1
746.5909	44.97467	44.9735	44.97533	7	5	2	44488.41	145846.5	43328.89
448.3195	31.78383	31.73933	31.79367	5	2	3	72161.01	540099.6	171222
393.158	25.75517	25.74983	25.78767	3	0	3	82050.53	115858.1	34432.09
360.7036	37.02017	37.00567	37.02283	3	0	3	78550.23	0	0
447.7513	31.31483	31.28517	31.34617	4	0	4	131891.9	14461.22	20248.39
822.0737	42.38	42.34883	42.44883	9	4	5	91951.05	729790.6	278465.2
1405.982	42.96533	42.91283	42.9975	7	3	4	80018.26	267127	245948.5
261.9801	30.78433	30.474	30.84933	6	1	4	105781	179103	380898.1
630.2542	29.12433	29.09717	29.163	7	5	2	508101.5	2294708	1765807
293.2114	32.80367	32.78217	32.86433	4	0	4	895187.8	759108.7	665523.8
442.2795	18.08025	18.06483	18.08867	4	0	4	61706.14	8992.302	6791.922
366.3006	38.89025	38.86367	38.9125	4	0	4	105582.2	27884.46	16327.61
477.0883	29.52017	29.50583	29.53883	3	0	3	28914.02	4364.307	5351.437
471.375	9.20005	9.116917	9.243133	5	3	2	2326011	5272061	2790683
181.0865	10.78213	10.69263	11.0617	4	0	4	161306.1	296106.3	135473.3
309.0789	20.15375	20.1285	20.25267	4	0	4	165149.1	189839	125979.3
208.1051	24.02458	24.00033	24.03283	4	0	4	146397.3	12812.2	11645.29
393.137	29.49083	29.448	29.564	3	0	3	35927.01	8871.689	11370.32
414.2492	24.76583	24.757	24.76783	3	0	3	315465.3	382947.5	143765.6
247.6022	29.63192	29.57833	29.66617	6	2	4	125919.9	134268.6	258325.4
292.2852	28.22267	28.2065	28.235	3	3	0	723000.9	276788.5	173790.2
421.0624	30.45633	30.38217	30.48133	6	4	2	66127.63	294533.1	159755.9
369.1005	10.92227	10.86645	10.96525	3	0	3	417865.6	363052.6	601341.2
730.5692	35.54467	35.40133	35.56683	9	3	5	1351415	752034.2	856415.4
487.1182	23.03067	22.9965	23.048	7	2	5	583050.5	234963.4	354089.1
765.1759	29.2	29.19983	29.21517	3	3	0	32668.41	125585.2	89943.07
401.4011	10.39023	10.36242	10.51042	4	3	1	1899392	1741271	1482860
525.0147	30.81808	30.73283	30.84967	6	1	5	1784011	4292615	9231480
373.2142	38.8755	38.86367	38.9125	4	0	4	243943.7	148844.3	43627.44

301.7054	38.8975	38.86367	38.89767	3	0	3	20072.64	0	0
299.7052	31.31517	31.31433	31.3185	3	0	3	29454.32	1273.864	2848.445
338.0978	29.13725	29.09733	29.24117	6	1	5	98058.32	155900.8	327693.2
431.3224	25.272	25.18283	25.36217	9	4	5	189330.5	537180.2	655335.7
377.8183	34.83392	34.7925	34.85783	4	3	1	57328.85	63740.04	38838.16
909.2279	31.3185	31.31517	31.35767	3	0	3	161762.8	4452.963	6172.347
351.0095	22.10083	22.08767	22.12267	3	3	0	34194.66	106559.6	73918.04
378.3007	37.00567	36.96133	37.02017	5	0	5	438225.8	84750.53	95921.21
180.0382	30.79183	30.474	30.87433	7	1	5	225634.6	329314.2	679697.3
485.1121	37.42017	37.40167	37.44067	5	4	1	68423.41	368612.2	253924.2
1274.906	43.32317	43.30783	43.3665	9	4	5	113437.1	542167.9	375837.2
650.9556	43.20217	43.159	43.24883	4	1	3	35015.63	168684	36183.8
343.2247	33.16333	33.13983	33.17267	5	0	5	787097.9	300118	179432.8
338.0583	38.88283	38.8755	38.8975	3	0	3	36859.93	3351.442	3618.979
635.2686	30.257	30.23533	30.29383	4	4	0	69902.52	271115.3	228429.7
846.558	19.7645	19.73783	19.77517	4	1	3	64291.98	98443.37	118251.4
319.9108	33.17183	33.15733	33.1875	3	0	3	38887.2	89062.5	173164.8
538.0233	30.777	30.73283	30.80633	3	0	3	105643.4	166387.4	355287.4
377.1776	32.34575	32.33217	32.36517	4	1	3	73531.26	69471.28	34096.98
325.1467	26.44417	26.41383	26.44767	3	0	3	34109.67	19177.74	7985.08
334.4792	38.88658	38.86817	38.89783	4	0	4	42019.56	678.6731	1517.559
335.2222	25.45408	25.40883	25.46683	4	1	3	469371.3	191731.6	36900.92
379.2314	29.163	29.1525	29.228	3	0	3	57753.64	155857.7	84064.6
365.2328	31.15033	31.13067	31.19817	3	0	3	189457.3	123858.2	61519.76
564.1345	35.05517	35.02733	35.11767	3	0	3	166749.9	5433.498	4056.803
341.2058	11.97147	11.95635	12.119	4	0	4	763578.8	169704.9	96910.18
479.3568	18.65625	18.62583	18.682	10	5	5	284929.4	548258.8	511576.3
617.2235	25.726	25.70417	25.75883	3	0	3	64514.48	6596.29	8910.03
953.548	43.649	43.61567	43.651	3	3	0	41059.89	140424.8	84749.77
800.5626	42.50233	42.45383	42.54683	7	3	4	75214.86	481154.1	166483.8
351.2263	21.273	21.24783	21.288	3	0	3	1464606	160296.4	30795.69
345.2065	29.77183	29.74017	29.8125	4	0	4	271615.7	204760.4	116156
323.131	25.50667	25.48867	25.52567	5	0	5	378605.3	677802.6	1055731
742.1889	32.08	32.05883	32.10167	4	4	0	97663.55	578291.3	510169.3
321.2431	26.64567	26.57117	26.973	8	2	5	523663.2	1379905	1671066
738.9535	33.16458	33.125	33.2025	4	0	4	257967.4	0	0
470.7528	10.69294	10.63273	10.77118	4	0	4	713476.3	192790.2	348816.5
707.5446	10.20803	10.14115	10.24237	8	4	4	348271.9	551731.9	600304.6
450.1444	24.00317	24.00183	24.03267	3	0	3	36558.89	1711.295	2358.813
632.2696	30.25883	30.23533	30.32083	7	5	2	309701.8	1442303	1127673
682.5052	37.02017	36.99183	37.02283	4	0	4	888537.8	59090.17	34265.99
385.1364	31.3185	31.29983	31.37767	5	0	5	187114.9	11287.93	11048.29
492.2807	43.61283	43.48033	43.72617	6	3	2	117003.6	1302942	541549
397.2952	33.219	33.20683	33.2765	7	2	5	451101.3	1123708	1019566
531.0666	31.3435	31.3185	31.35783	4	0	4	122013.3	4721.675	4726.578
1228.874	43.48525	43.4575	43.52483	10	5	5	644927.1	4082760	2418062
601.1043	21.88767	21.81517	21.92183	4	0	4	77600.28	58613.5	68437.26

527.0144	30.7915	30.474	30.84967	6	1	4	193651.2	318845.3	654229.7
468.0043	14.22883	14.19772	14.2452	4	0	4	100996.8	13183.09	18293.65
380.2154	24.89608	24.86733	24.91983	4	0	4	467297.5	1167000	445439.4
527.2966	30.95117	30.94733	31.06583	6	5	1	428650	1690631	1439381
481.0167	42.91933	42.905	42.96933	5	3	2	46773.17	305832.6	89024.4
495.3578	42.818	42.77833	42.853	10	5	5	112275.3	1101967	133390.8
592.4613	43.58917	43.5415	43.60183	3	3	0	32788.05	141737.3	97664.96
287.8891	2.561783	2.410133	2.656033	5	2	3	3142514	889197.2	690976.9
373.1853	9.252367	9.193767	9.257833	4	1	3	18087742	34647583	25198821
683.5087	37.0215	36.99183	37.03467	4	0	4	377060.4	12820.33	6342.713
714.5378	42.65067	42.54167	42.67333	6	3	3	35124.54	156070	81662.13
287.8893	21.60467	21.50583	21.76833	5	2	3	6689400	76917256	1.04E+08
845.5547	19.7745	19.74833	19.86983	8	3	5	138300.3	309832.2	296035.6
731.5724	35.54467	35.4985	35.562	7	2	5	533842.6	266157	306716.8
398.2698	19.75908	19.74583	19.835	4	0	4	119750.4	37777.37	46687.27
409.066	29.228	29.2275	29.2755	3	0	3	59561.55	60742.81	114904.8
238.0529	16.62375	16.58317	16.66883	7	2	5	339340.5	175114.3	316968.3
597.2295	30.95725	30.90517	30.97317	4	4	0	56790.91	188472.6	158105.4
451.0256	21.7705	21.722	21.779	4	0	4	174418.4	9879.755	12601.66
526.1648	41.208	41.14833	41.25483	3	3	0	44989.96	97156.87	66678.71
943.6412	32.4835	32.43867	32.50617	7	3	4	97412.06	444606.2	316652.4
602.4435	43.60192	43.58667	43.63417	10	5	5	792401.4	8831983	1875066
426.9778	14.24293	14.22727	14.25975	4	0	4	199867.1	28046.83	45545.87
469.1	37.89583	37.82433	38.15683	10	5	4	37002.76	434280.1	121095
175.0755	24.01675	24.00183	24.0475	4	0	4	81524.48	69492.92	27825.13
465.0308	25.41017	25.3875	25.43733	4	0	4	47463	1966.866	2771.905
431.1719	37.00675	36.97717	37.02017	4	0	4	146491.3	142714.4	83513
529.1563	24.00333	24.00183	24.03283	3	0	3	45249.59	12619.77	5894.637
566.0414	30.82075	30.74683	30.86367	6	1	5	307830	537480.3	1189143
350.1985	43.60167	43.578	43.63217	7	2	5	130918.3	1202922	232328.7
515.3633	16.75408	16.69033	16.813	4	1	3	258375.2	1640793	1533911
272.9022	2.087617	2.032667	2.323083	5	1	4	104223	103563.4	231574.8
454.293	30.80117	30.78683	30.8205	4	4	0	162330.5	568900.9	216184.1
409.1681	20.59108	20.5545	20.6775	4	0	4	474631.4	176380.8	58648.78
467.1732	29.84142	29.81467	29.87917	4	0	4	65642.26	36665.18	12079.86
846.0557	10.41327	10.3949	10.49148	4	0	4	378226.1	199480.9	435983.5
581.1134	38.88283	38.8755	38.8975	3	0	3	293669.3	11086.2	12365.79
215.1796	35.62467	35.5775	35.68083	3	0	3	35433.39	458831.4	94518.28
403.9838	18.14433	18.124	18.1585	3	3	0	51201.65	300426.8	136800
996.7057	44.3555	44.31317	44.429	4	0	4	52794.79	71682.51	119959.5
1185.852	43.58817	43.57217	43.6235	10	5	5	595622.6	3764189	2160402
331.2273	33.35417	33.33533	33.3765	4	0	4	307113.1	169226.6	174478.9
360.2019	37.00783	37.00533	37.02017	3	0	3	226380.8	418388.3	66920.38
529.7954	30.94942	30.928	30.979	4	4	0	87236.37	207551.6	180138.9
925.4906	23.2155	23.20917	23.22367	3	0	3	52154.38	0	0
364.2848	37.02017	36.99183	37.03783	4	0	4	111532.6	180160.3	116471.3
592.2645	30.87583	30.84733	30.96167	3	3	0	45868.65	101437.9	66975.09

381.1365	20.14317	20.10683	20.15467	5	2	3	52298.34	33346.75	39983.61
384.2749	24.20992	24.17967	24.22467	4	0	4	249202.3	127756.8	130392.3
377.1776	34.6225	34.62233	34.6745	3	0	3	117870.9	111298.8	37703.3
693.3829	33.14283	33.1275	33.15733	3	0	3	66685.56	14176.55	12724.67
478.3534	18.6675	18.62583	18.69367	10	5	5	1181596	2298419	2104983
298.0827	37.40483	37.38067	37.43867	5	3	2	29561.89	222814.2	116085.6
745.5878	44.9745	44.97217	44.97533	10	5	5	181752.4	778545.3	177646.5
265.1803	25.41983	25.40217	25.433	4	0	4	223610.8	335730.2	291259.6
382.1442	31.3185	31.31433	31.35767	3	0	3	106425.6	28519.69	12899.12
349.2378	23.95717	23.9425	23.959	4	0	4	687352.5	282318.9	132499.6
1318.932	43.19592	43.17383	43.23317	6	2	4	82675.01	324067.8	258892
593.2786	22.08575	22.005	22.12217	4	0	4	164575.4	32603.62	26389.26
523.1081	35.05783	35.02583	35.09983	4	0	4	126553.4	9875.168	4663.904
320.2308	25.75883	25.70633	25.77183	5	0	5	423479.5	400719.7	103672.7
586.8326	21.779	21.76967	21.78583	3	0	3	96521.89	5197.705	8438.522
307.0957	21.7705	21.64633	21.779	4	0	4	234363.7	70158.62	83613.79
470.02	15.8805	15.85927	15.89117	3	0	3	195870.1	10969.77	12411.77
666.4312	9.433342	9.33635	9.510633	6	2	4	2290246	898109.4	818506.9
393.1728	23.66267	23.6415	23.8565	5	1	4	131996.8	242801	280955.6
734.9426	31.35767	31.34333	31.37167	3	0	3	100676.1	7029.852	9564.155
581.1013	24.018	23.972	24.03283	3	0	3	42104.82	2220.978	2456.159
418.1891	33.17183	33.13417	33.1865	5	0	5	314788.9	473085.4	132077.6
310.2383	29.522	29.477	29.53483	4	0	4	92785.55	107392.7	95460.9
488.1217	23.03925	23.03067	23.048	4	0	4	100919.4	13380.7	27770.34
396.2382	38.471	38.46817	38.474	3	0	3	155850.4	1770045	516772.6
528.7957	30.94517	30.93717	30.9495	4	4	0	142033.3	492629.6	435349.2
390.0783	30.84633	30.8325	30.86767	3	3	0	49512.09	212923.7	124527.7
538.091	23.62667	23.60417	23.67883	3	0	3	38350.48	5472.054	5115.996
432.0148	25.696	25.68383	25.7215	4	4	0	33414.82	138529	112414.9
208.0695	30.80633	30.73283	30.84933	5	1	4	745341.8	1120795	2279122
540.4208	9.321717	9.22595	9.3496	5	3	2	2085840	1038360	880268.4
698.2407	29.1115	29.09383	29.1395	4	4	0	65759.34	178704.1	156678.9
201.1639	38.8755	38.86817	38.927	3	0	3	29087.01	2464.658	2288.286
959.6222	43.58967	43.57283	43.61733	3	0	3	52611.9	60342.36	84286.2
324.2615	35.56183	35.46467	35.666	3	0	3	244499.8	37078.31	31980.74
153.9483	29.42558	29.40817	29.63633	4	3	0	226711.8	3042145	2220138
330.6105	37.02017	37.00567	37.02283	3	0	3	25335.46	0	0
458.2498	35.116	35.09967	35.23533	3	0	3	100091	330870.1	70205.97
384.275	23.786	23.76533	23.79683	4	0	4	424006	51458.21	53319.66
452.3046	44.91517	44.8855	44.9735	7	4	3	26568.04	175624.5	59624.37
404.8163	2.065733	2.0466	2.18535	5	0	5	162553.9	0	0
371.1513	31.95683	31.95533	32.015	3	0	3	97181.33	206124.1	50065.37
399.4058	10.42227	10.38373	10.44485	9	5	4	1171839	2600449	2584705
1216.734	43.59317	43.57467	43.60167	3	0	3	41968.07	49593.11	65743.83
1404.979	42.96892	42.938	43.012	6	2	4	114982.9	414573.3	335775.8
639.0283	33.16458	33.13983	33.17267	4	0	4	266930.4	24142.43	18967.98
630.3078	30.83192	30.8065	30.93717	4	3	1	67929.29	348668.3	248505

301.2165	38.67617	38.66767	38.67683	3	0	3	207641.4	375228	64343.17
690.496	43.081	43.05483	43.10017	10	5	5	567310.5	6374687	1457098
331.1737	30.42942	30.34733	30.51567	6	3	3	144994.1	207884.5	175353.4
390.1579	29.50558	29.46233	29.53883	4	0	4	27531.05	128505.8	45572.46
609.0182	31.34317	31.31433	31.36017	4	0	4	99088.84	3332.641	3265.298
838.5474	10.89825	10.86485	10.9188	3	0	3	139463.6	9718.352	17117.1
1061.513	31.31517	31.30467	31.34333	3	0	3	51577.68	0	0
362.1419	26.43183	26.39933	26.4595	4	0	4	47052.75	67911.9	72550.05
159.9691	2.353533	2.221533	2.413933	3	0	3	118330.9	0	0
683.0186	33.16325	33.14283	33.17183	4	0	4	65093.07	6730.514	2826.076
477.1873	34.29217	34.2135	34.46583	9	4	5	606117.5	6064733	4901760
367.221	14.03543	14.0132	14.10297	3	0	3	854426.8	831459.7	983719.6
443.0135	18.1435	18.1395	18.19	3	3	0	25773.79	168988.3	68074.2
315.1571	33.54042	33.49617	33.58317	6	1	5	585293.8	361207.2	60109.08
513.1677	10.7167	10.64867	10.77118	5	3	2	650434.4	1763322	1159394
378.209	44.32158	44.08533	44.3285	8	2	5	307092.8	1830905	376213.2
745.5378	19.16642	19.107	19.202	10	5	5	966540.8	2729511	2723533
436.1865	38.87917	38.86817	38.9125	4	0	4	210754.7	249883.3	83218.44
349.2377	34.80325	34.73567	34.85167	4	0	4	436528.5	141762	70873.73
411.9782	13.66793	13.59352	13.71072	3	0	3	53027.31	33009.21	44458.9
1052.769	44.02442	44.01133	44.0585	10	5	5	1513970	10701906	5239238
684.5115	37.03517	37.02283	37.04933	3	0	3	83231.17	15748.05	6355.909
459.0259	22.11867	22.08617	22.12267	3	3	0	37074.97	187455.4	161148.8
276.897	2.56735	2.4681	2.713283	3	0	3	261952.6	748192.5	233553.2
799.2863	31.3185	31.31517	31.34333	3	0	3	188751.3	765.06	1710.726
293.0732	20.74408	20.7015	20.77617	6	2	4	69000.72	78887	73274.06
528.0742	31.31433	31.30467	31.37217	3	0	3	67367.71	13616.18	14038.3
440.4469	35.147	35.0735	35.23533	5	3	1	16155809	20722990	29741710
346.6933	20.7515	20.7305	20.78767	4	1	3	46316.44	29444.11	33427.71
209.9646	3.79815	3.660433	4.112683	4	0	4	1438813	1311352	933853.5
668.9842	43.18117	43.168	43.21833	10	5	5	203238.6	2280885	409489.5
730.5685	42.51775	42.49767	42.545	8	5	3	65241.76	269640.5	154634.9
349.2108	28.4595	28.42583	28.48133	3	0	3	158264.8	119026.6	58696.86
668.9537	8.724867	8.479117	8.793333	3	3	0	53872.39	113372	96429.23
387.1937	23.00492	22.928	23.03917	10	5	5	1501490	2171131	1658550
599.3801	43.62017	43.60183	43.63033	3	3	0	35415.16	227363.6	188235
688.4638	37.02017	36.97717	37.02283	4	0	4	337723.4	98200.86	31133.88
908.6523	44.64767	44.60917	44.69967	3	0	3	35008.73	37333.05	56614.22
843.5855	42.2895	42.23283	42.33633	8	4	4	67809.44	414027.5	275986.2
856.5918	32.62625	32.55833	32.66933	4	1	3	64219.46	475408.6	427700.2
478.2952	29.03025	28.9805	29.06267	4	1	3	78553.13	366614.8	212998.9
1028.717	16.3082	16.26628	16.34058	3	0	3	82525.68	83368.66	66852.95
391.1419	24.853	24.84417	24.88917	3	0	3	53067.54	10324.44	11692.98
1316.926	43.20367	43.17417	43.21983	9	4	5	258858.8	1453102	1032747
694.3706	31.30467	31.301	31.34333	3	0	3	162406.7	94261.21	47727.16
399.4134	29.681	29.6215	29.72383	3	3	0	70507.63	51403.14	17629.19
704.1456	30.94733	30.922	30.97317	3	3	0	50346.63	172014.4	160220.8

564.8706	17.45667	17.38367	17.67783	5	1	3	42099.38	62194.76	49539.39
289.8893	2.084592	2.01865	2.114383	4	0	4	389034.4	0	0
524.3685	10.70015	10.64782	10.75515	6	1	5	573734.9	584491	881988.1
811.5625	32.6815	32.6525	32.73083	10	5	5	558529.6	4189959	3778766
628.0705	23.03067	23.00383	23.048	3	0	3	98770.47	15041.3	17252.93
379.0844	30.84733	30.73283	30.88867	9	4	5	9730280	28971375	54386905
485.0195	17.28575	17.2395	17.299	4	0	4	158818.8	7321.762	12747.18
404.62	10.4129	10.37933	10.43838	8	4	4	649487.8	1106144	1015508
651.0277	37.0055	36.97717	37.02283	4	0	4	149908.8	8767.256	6109.55
808.679	43.61717	43.60283	43.62017	3	3	0	103980.4	431296.6	362428.3
632.2508	29.1255	29.09717	29.1395	5	5	0	287331.9	1034335	810169.9
379.1037	19.23317	19.17433	19.247	4	0	4	67210.91	41064.7	54238.51
1450.009	42.82033	42.8015	42.89517	5	1	4	52070.26	95215.71	93996.77
365.242	24.00033	23.9735	24.02883	3	0	3	373570.1	90018.04	17335.3
629.2958	29.21367	29.18517	29.26133	5	4	1	99210.64	520235.3	375978.1
406.3533	21.6805	21.5865	21.72217	6	2	4	46228.59	50866.75	63863.57
453.1762	33.17267	33.15733	33.1865	3	0	3	112520.1	108391	62536.33
334.1532	38.14517	38.11367	38.14567	3	3	0	990033.5	645381.5	715806.4
289.0889	15.90318	15.85218	15.9636	4	3	1	97188.06	498923.5	295206.2
705.9782	22.1075	22.04383	22.17967	5	1	4	74117.52	53377.7	74606.3
447.2817	28.1175	28.05933	28.14683	3	0	3	33703.82	42042.94	18449.05
283.0633	15.88023	15.84463	15.89117	5	0	5	1600283	1646891	1959064
801.5241	10.43678	10.37933	10.44	6	3	3	4460545	3923899	3761627
1184.848	43.60325	43.57217	43.6235	10	5	5	981532	6011426	3539322
695.3981	33.17183	33.13983	33.17267	4	0	4	1291013	28168.64	16819.37
634.2667	30.25217	30.23533	30.3055	7	5	2	170005.5	697811	586473.5
455.2909	21.30833	21.19517	21.3215	4	0	4	219209.1	135139.9	65104.13
246.9338	3.782567	3.7603	3.86135	3	0	3	292582.8	432393.1	305979.5
509.0785	21.708	21.54233	21.71283	3	0	3	64830.4	58866.25	96644.07
182.0529	33.52067	33.51067	33.58233	3	0	3	38349.39	30602.33	5324.574
395.1002	23.01883	22.9375	23.059	5	0	4	57799.5	8473.328	5857.627
530.8978	21.79333	21.64633	21.81517	3	0	3	40944.34	14793.62	25042.54
251.047	36.60933	36.57717	36.62667	10	5	5	163439.9	1187138	426858.9
338.2546	18.27792	18.20533	18.335	10	5	4	59099.78	79454.83	26601.93
1142.828	43.71783	43.6595	43.74517	10	5	5	236680.9	1632836	900549.1
1063.507	31.32358	31.301	31.34333	4	0	4	422098.1	1185.61	2651.106
473.0416	25.71258	25.68383	25.7215	4	4	0	35813.35	75656.15	63565.4
643.9093	10.00593	9.924317	10.03782	3	0	3	194387	48494.33	72757.17
676.2592	29.11875	29.10917	29.1395	4	4	0	92202.33	291726.2	258133.4
354.3006	40.77517	40.767	40.79633	3	0	3	100562.9	207687.7	79770.51
726.4458	10.36523	10.3514	10.39373	3	0	3	284110.9	11902.95	17659.11
186.9564	2.776217	2.684017	2.837	4	0	4	236607.7	561061.2	53608.95
535.1296	28.96567	28.916	29.03267	5	1	4	36586.69	27579.44	52713.55
1360.031	9.463983	9.3803	9.584433	7	4	3	15005332	8203650	5650770
350.2411	30.07367	30.0425	30.1055	3	0	3	665035.5	553626.7	279656.5
382.2593	35.43158	35.38883	35.48767	4	0	4	119317.8	24213.94	14241.37
350.2178	43.64667	43.50017	43.772	5	1	3	122486.6	1011401	350773.2

404.2441	18.24408	18.2235	18.26283	4	0	4	41329.24	78590.67	48629.45
756.5356	42.71425	42.68533	42.766	10	5	5	191806.1	1469795	485575.1
505.1201	33.15725	33.13983	33.1875	4	0	4	207257.5	5084.18	5788.954
199.1694	24.24633	24.152	24.27317	4	3	1	490706.5	4049263	2510974
609.2634	29.20017	29.18433	29.27183	7	5	2	103786.9	582111.1	441637
767.2921	31.26283	31.2445	31.30033	3	0	3	63922.83	1887.471	2598.625
479.3122	20.84617	20.84117	20.87617	3	0	3	66343.38	14115.53	11309.54
378.0877	30.80633	30.48833	30.84933	7	2	4	208197	484441.5	803408.1
463.1419	27.3245	27.31783	27.3695	3	0	3	59831.47	73041.25	84551.65
582.1171	38.8975	38.8755	38.89767	3	0	3	75165.65	14350.98	26538.3
340.6191	20.36383	20.32967	20.43833	3	0	3	77712.78	6866.508	11288.82
625.2979	10.69325	10.6177	10.77118	3	0	3	446671.1	108439.5	195635.4
388.0823	30.83517	30.48633	30.874	7	3	3	98922.01	551871.7	373311.2
680.2328	20.40883	20.32967	20.51283	3	0	3	84874.38	18864.75	16893.06
703.4947	42.95017	42.92583	42.97367	10	5	5	95707.38	701407	289581.7
683.3098	29.953	29.951	29.96167	3	0	3	435466.8	16747.54	19156.47
964.7159	44.33025	44.29217	44.36817	10	5	5	1619445	12944863	5181723
796.3271	33.17183	33.125	33.1875	4	0	4	323752	3762.334	5694.262
1273.903	43.34417	43.2765	43.36683	10	5	5	297440.3	1801967	1269057
1317.93	43.20283	43.16967	43.2345	9	4	5	168791.3	982965.7	763020.8
409.1522	24.0145	23.82967	24.03283	8	2	5	182340.9	294142.4	336449.1
389.2555	18.153	18.13217	18.18483	4	0	4	73004.83	14277.17	3956.434
795.3232	33.17183	33.13983	33.1875	4	0	4	745226.9	3667.804	4349.94
294.6374	33.52067	33.49617	33.58233	3	0	3	23623.01	0	0
595.0956	27.22267	27.21433	27.2415	3	0	3	71594.31	16937.12	20603.34
342.0828	21.78433	21.76833	21.79333	3	0	3	67532.7	3955.675	7307.017
775.3203	31.3185	31.31517	31.34333	3	0	3	122284.9	2337.477	2160.402
362.1093	26.19933	26.16633	26.22483	4	1	3	46099.43	141872.8	140031.9
276.0944	25.69458	25.64683	25.705	8	5	3	366986.9	1432609	1265810
363.7899	2.11095	2.065733	2.23355	4	0	4	409539.3	0	0
821.572	42.37142	42.35	42.4345	10	5	5	120576.8	838445.8	366707.6
751.3867	43.58858	43.578	43.61733	6	1	5	109726.3	573125.3	562796.3
714.5377	30.8785	30.8175	30.91917	3	0	3	157078.4	189423.6	228554
472.0932	38.15375	38.1085	38.22217	6	1	5	79913.19	114744.6	237408.8
1039.494	43.59567	43.578	43.64667	4	0	4	86371.03	37216.88	68225.81
368.2803	36.472	36.47133	36.486	3	0	3	26706.26	2856.879	2860.83
680.4861	32.91833	32.85917	32.93283	7	2	5	236546.6	2040440	564960.4
690.9975	43.08425	43.034	43.1035	10	5	5	161845.8	1826433	423279.9
706.3646	43.6165	43.578	43.6195	6	1	5	146151.1	647532.6	170185.7
458.526	29.23517	29.20817	29.32917	6	1	5	251068	369747.8	823604.3
504.3578	42.69467	42.68533	42.69833	3	3	0	49832.16	285174.7	117286.9
202.9878	2.846317	2.821917	2.85275	3	0	3	116866.8	102978.1	93879.73
453.7299	2.11085	2.052283	2.194217	3	0	3	137928.6	0	0
610.2665	30.8195	30.80183	30.8445	4	4	0	70059.2	257605.4	215484.6
275.0989	20.773	20.716	20.8035	9	4	5	315349.4	474819.5	530102.4
430.6536	25.28183	25.19717	25.31933	9	4	5	459760.3	2396888	2187719
1230.881	43.48517	43.4575	43.51133	9	4	5	168274.5	920761.2	623439.1

642.9506	30.81775	30.73283	30.84933	6	1	5	226843.2	410236.5	895744.6
396.2433	22.11867	22.08617	22.1355	6	4	2	189676.7	658496	497182.1
281.6049	28.45267	28.366	28.49317	3	0	3	33733.96	6394.937	9463.844
385.2783	34.16475	34.12017	34.18617	4	0	4	100275	37914.52	18106.28
484.1977	22.65533	22.636	22.67933	3	0	3	76090.88	14180.68	8731.624
451.1613	31.32358	31.301	31.34333	4	0	4	230823.3	127939.2	69674.9
531.1341	40.29683	40.27583	40.347	5	0	5	31025.62	52603.73	70149.79
891.4895	23.12017	23.11583	23.13583	3	0	3	122724.9	5990.141	9789.68
306.0987	21.78433	21.70667	21.79333	5	0	5	118778	106065.4	142523.1
506.8981	18.155	18.1235	18.1995	3	0	3	99048.46	272490.3	350438.3
675.3932	9.526183	9.47815	9.596683	8	5	3	8215519	11479763	9858401
558.4168	43.87933	43.84967	43.91483	10	5	5	597966.7	6628890	1473189
315.0854	29.78767	29.72433	29.83217	8	5	3	80741.2	650399.1	392226.3
687.4604	37.00658	36.97717	37.02017	4	0	4	785854.3	18339.4	17764.2
318.5739	31.30467	31.301	31.34333	3	0	3	36712.11	0	0
372.2231	29.56633	29.535	29.59333	4	0	4	98487.55	64422.59	38571.02
371.1984	37.61417	37.58017	37.62133	3	0	3	90752.15	327804.9	67003.76
416.1664	33.1635	33.15717	33.17183	4	0	4	121325.4	159096.7	101772.6
684.5351	12.71698	12.68423	12.75808	5	1	4	81235.92	78715.37	116919.9
324.1345	25.511	25.48883	25.52117	3	0	3	47081.02	68831.07	92083.92
601.942	43.60217	43.57217	43.6195	10	5	5	2205350	26961858	5934469
336.9937	18.1435	18.124	18.14433	3	3	0	18754.22	95033.64	70151.23
527.7976	30.9495	30.93717	31.07967	5	4	1	260137.6	875637.1	789313.1
412.178	31.61242	31.5775	31.6635	4	0	4	45750.32	66347.12	36921.29
670.5	12.93202	12.91803	12.94883	4	1	3	37816.32	24669.33	34655.52
747.3915	43.595	43.55817	43.646	4	1	3	57489.34	106552	39715.62
890.4861	23.12108	23.11583	23.13583	4	0	4	213879.7	21935.88	21560.79
458.3221	32.54	32.48833	32.57233	9	4	5	210793	1521003	1066294
307.227	34.91017	34.879	34.96283	3	0	3	465770.6	206432.6	33508.01
353.0817	29.6515	29.57833	29.66617	7	2	5	317717.6	497765.4	960272.3
350.2413	27.29117	27.25683	27.35483	4	0	4	112981.5	358968.5	160196.5
388.1971	23.006	22.943	23.048	9	4	5	226859.8	394383.2	255009.7
617.4364	43.60467	43.51367	43.85333	7	5	2	282362.2	1516490	958472.6
307.1109	22.60117	22.57133	22.62167	7	2	5	156907.2	243702.3	325839.4
383.0802	30.83517	30.74683	30.84933	7	2	5	362364.1	889482.4	1604240
629.8577	10.39362	10.38373	10.44485	4	1	3	1069519	332057.4	619589.9
993.5095	43.59475	43.55817	43.6045	4	0	4	68912.54	62854.52	68079.68
516.1598	10.69368	10.64867	10.78962	6	4	2	1236159	2674619	1818351
274.0532	30.80633	30.73283	30.84933	5	1	4	412401.4	992488.4	1986608
261.0832	20.75867	20.7015	20.78867	7	3	4	88370.94	114679.2	105709.3
347.2223	25.47683	25.43117	25.4815	3	0	3	561408.3	180015.6	247511.8
483.364	31.9825	31.97167	32.01183	3	3	0	92092.98	503811.2	307456.5
497.0197	30.80633	30.474	30.86367	7	1	5	278896.6	641438.9	1069151
361.7945	2.250933	2.032667	2.2699	4	0	4	67518.68	0	0
496.3677	30.97867	30.91283	31.13067	7	2	5	688093.3	2806037	2016404
246.8626	21.58458	21.57917	21.76833	4	1	3	1846506	23148059	33674704
224.0634	37.42	37.40483	37.44067	4	3	1	27377.89	181542.4	80352.03

294.8839	2.749625	2.708217	2.837	4	0	4	167643.1	803400.3	157406.1
360.3478	28.23483	28.1905	28.23817	7	3	4	63561.15	95304.8	72674.05
797.3264	33.15767	33.1135	33.21583	3	0	3	93749.55	753.025	1683.815
542.4085	35.17633	35.14567	35.19067	3	0	3	79667.03	319490.2	209876
636.2642	30.24258	30.23533	30.2605	4	4	0	100078.2	418056.9	357704.9
248.0626	15.90162	15.85218	15.9636	4	3	1	132131.4	697522.4	534148.3
235.8702	2.207875	2.065733	2.292767	4	0	4	102496.4	0	0
411.0026	21.77133	21.76967	21.8075	3	0	3	97508.64	22976.55	24292.24
513.8889	44.17192	44.14433	44.21283	10	5	5	1038612	10511927	1909963
581.0775	22.5475	22.54667	22.562	3	0	3	390716.7	21823.36	22138.85
763.2105	32.14733	32.1315	32.22133	3	0	3	63869.29	12460.11	18987.58
577.1025	37.00533	36.9625	37.00567	3	0	3	72208.36	4567.676	3374.716
161.0961	33.17183	33.17183	33.17267	3	0	3	62335.45	91947.29	25978.29
464.3587	39.15875	39.10367	39.18333	10	5	5	481938.5	3537338	1033921
529.2934	30.94842	30.922	30.95817	4	4	0	133879.5	472482.2	389801.9
389.0753	30.84125	30.73283	30.90333	8	4	4	314807.8	2288002	1348655
1064.51	31.3185	31.301	31.34333	3	0	3	281476.9	0	0
555.2548	30.9425	30.86233	31.023	4	3	1	74205.86	186973.1	143588.4
333.1153	27.25733	27.20583	27.29617	4	0	4	41157.49	11410.25	8153.419
430.988	25.28633	25.19483	25.36783	9	4	5	338858.3	1914564	1686522
641.0442	35.042	35.0405	35.103	3	0	3	60737.79	1862.573	2840.754
609.2725	30.8295	30.8175	30.90517	3	3	0	84923.36	500619.9	398014
570.1135	33.17267	33.17183	33.1865	3	0	3	152435.8	12224.7	8071.43
651.8591	10.69328	10.67897	10.77118	4	1	3	614400.7	252990.6	508520.4
355.2217	15.18627	15.15077	15.2466	4	0	4	75374.88	54962.97	31143.97
757.3807	43.59142	43.54333	43.60167	6	2	4	70506.49	217473.9	154681.3
354.2183	15.22832	15.07047	15.34907	5	0	4	407056.4	203901.4	62445.51
291.7235	33.52067	33.49617	33.5675	3	0	3	23243.28	0	0
229.1953	35.6055	35.56183	35.6545	3	0	3	50268.8	33876.66	21003.95
675.3945	31.33092	31.287	31.35783	4	0	4	104386.5	15384.39	8777.862
332.9646	32.32733	32.2815	32.33717	3	0	3	727664.3	51782.15	71221.06
485.1663	24.03267	24.00183	24.03283	3	0	3	70540.3	39150.44	23504.03
383.9831	16.64823	16.60317	16.66883	5	1	4	218644.7	106216.5	215126
549.0874	32.68567	32.66767	32.70317	3	0	3	46874.48	6100.622	4101.492
651.9864	39.60417	39.54433	39.68433	3	0	3	88768.27	7003.928	4651.761
944.5863	11.28223	11.26468	11.28508	4	1	3	127670	28012.89	50235.14
489.6825	42.833	42.74767	42.88067	6	4	2	75191.55	452847.8	54409.55
725.006	42.833	42.79333	42.86617	10	5	5	65753.78	558794.4	116885
935.597	43.59625	43.51417	43.65983	6	1	5	68076.93	59229.69	63120.73
381.0848	30.84833	30.73283	31.15383	10	4	5	996600.1	2410850	4434972
319.1958	21.65942	21.54233	21.67933	4	1	3	90413.19	129882.7	72496.77
422.363	38.8755	38.83883	38.89767	4	0	4	80824.09	24201.68	19850.73
327.2242	21.50675	21.37017	21.54467	6	2	4	106665.9	159537.1	45017.45
417.9993	22.107	22.10083	22.11867	3	3	0	54263.84	317712.9	222266.3
734.5223	42.83025	42.79333	42.89517	10	5	5	266728	2385330	700628.4
600.4687	31.22958	31.11017	31.36317	4	0	3	909350.2	121139.9	116617.3
432.1967	31.30992	31.29983	31.34333	4	0	4	77702.69	92696.56	51835.36

669.4972	12.94894	12.93428	13.00585	6	2	4	80411.1	104663.5	164934.3
439.9974	28.216	28.16133	28.37983	9	4	5	339951.8	916584.8	487794.4
373.1833	38.1125	38.09867	38.20067	7	5	2	156896.4	811599.8	634999.6
278.0908	25.69217	25.6535	25.7215	5	5	0	163644.1	686855.3	635804.3
361.2084	22.92433	22.87467	22.98167	6	2	4	81147.84	97218.97	101522.3
432.8897	32.327	32.31267	32.366	3	0	3	87411.42	69267.04	46908.65
711.3631	43.61617	43.58667	43.6315	5	2	3	82283.73	481079	477260.3
296.6485	30.98658	30.9495	31.07383	8	3	5	695906	1765123	3298119
357.1831	31.31433	31.27167	31.32883	5	1	4	130701.7	158906.8	32809.64
512.2764	11.12732	11.1232	11.218	3	0	3	4590028	58150.15	29739.78
342.9567	16.64823	16.58867	16.6535	3	0	3	46858.37	22760.51	41870.1
1010.749	44.16217	44.10967	44.19833	10	5	5	244857.7	1793837	868299.5
687.5135	43.1035	43.01317	43.11367	3	0	3	91171.02	33137.15	15681.29
483.0037	19.23183	19.205	19.247	3	0	3	97647.59	8516.883	13475.73
513.3873	44.16633	44.13983	44.19833	10	5	5	1593619	19074898	3528397
1186.854	43.61042	43.57217	43.65367	10	5	5	239753	1426533	827374.5
668.2278	29.11167	29.111	29.12433	3	3	0	73554.35	150412.5	141707.5
317.2478	38.88733	38.88283	38.9125	3	0	3	65471.61	203699.2	62961.69
1140.822	43.72867	43.69733	43.77583	10	5	5	1141655	8035682	4467750
325.1316	25.5195	25.47683	25.54033	4	0	4	49661.13	58068.47	32135.01
460.1424	39.342	39.298	39.372	3	0	3	23616.35	2889.951	4211.963
1141.825	43.73417	43.68183	43.74517	10	5	5	674610.5	4801614	2601809
273.0384	29.81575	29.74967	29.83217	4	3	1	29738.44	190451.1	130247.6
575.1609	38.66075	38.61933	38.76517	6	1	5	52620	31451.86	53041.05
403.6078	10.43703	10.37933	10.45412	9	4	5	3089801	6694975	8440946
960.6273	43.5875	43.55983	43.60167	3	0	3	52117.76	54842.7	41202.31
517.3112	27.47933	27.45517	27.74633	6	3	2	85327.97	368292.5	253764.5
500.1242	43.602	43.5135	43.64517	7	2	5	241064.2	2331781	3082643
484.3398	29.63717	29.6215	29.696	3	3	0	35232.64	278950.1	150228.1
560.3884	29.97	29.89017	29.98267	7	2	5	50415.75	456130.9	77709.21
380.0876	30.82783	30.73283	30.85933	6	1	5	2021548	4682815	9441271
629.9732	40.15783	39.9855	40.17	3	0	3	90878.41	4683.665	8525.945
656.4956	28.74767	28.74283	28.8485	5	1	4	125621.5	76315.37	104634.6
689.9129	9.490325	9.401867	9.537367	4	0	4	1023350	479787.7	626355.4
379.2314	28.52417	28.49317	28.59983	3	0	3	163539.1	130972.1	46889.36
298.1448	30.97967	30.93483	31.07383	7	2	5	172108	370881.1	535884.8
1098.802	43.87433	43.84967	43.9055	10	5	5	262769	1785877	949522.7
263.0989	20.77308	20.716	20.81767	10	5	5	1171615	2040128	2315813
779.517	29.79142	29.76983	29.88483	6	2	4	26532.61	108010.8	17059.76
922.6958	44.47667	44.44433	44.537	10	5	5	189943.2	1719842	669979.5
230.9912	29.80108	29.74583	29.81717	4	3	1	22755.13	122464.5	82614.11
440.9023	21.78583	21.78433	21.79333	3	0	3	67463.4	9269.485	12923.38
342.09	9.515567	9.49235	9.565117	7	4	3	2015078	2950031	2247593
552.3988	33.59183	33.579	33.64	6	2	4	278869.4	368603.1	302684.6
849.636	27.5205	27.446	27.63433	8	3	4	80259.63	398958	560670.5
291.0892	30.76233	30.74683	30.80633	3	0	3	72181.68	118359.1	248703.3
457.0292	22.11867	22.08617	22.12267	3	3	0	40599.95	161665.5	152316

318.0427	30.79183	30.73283	30.86417	3	0	3	218088.8	429490.1	920277.2
332.1202	24.96125	24.91317	25.006	10	5	5	100177.6	511670.5	211328.1
345.6962	20.76583	20.7015	20.81833	8	3	5	122144.2	228887	281798.4
594.2385	28.52867	28.51733	28.58567	3	3	0	27129.63	93774.15	71055.59
899.6149	32.51575	32.4985	32.56617	8	3	5	184335.9	1149270	910335.7
1272.9	43.32267	43.30733	43.36733	9	4	5	408735.1	2584247	1705759
844.5892	42.30342	42.27217	42.33383	4	0	4	39924.26	113628.6	80917.53
680.2715	30.25383	30.23533	30.314	4	4	0	53381.34	206095.3	196270.5
432.1703	37.00517	36.97717	37.05283	4	0	4	81424.05	168016.1	56066.64
348.6991	20.76583	20.716	20.81833	8	3	5	120980.3	231087.5	279146.9
684.3132	29.953	29.93583	29.97683	3	0	3	189200.1	24300.9	12865.68
292.977	43.36717	43.2035	43.42633	7	3	4	23524.34	173503.5	50111.81
348.1962	20.77308	20.716	20.8035	10	5	5	18855412	45853699	51147375
659.4297	31.3185	31.301	31.34333	3	0	3	233264.9	19692.17	15364.63
331.1309	33.50617	33.49617	33.55283	3	0	3	72955.83	6427.665	6668.755
316.3214	27.96983	27.927	28.00933	10	5	5	2872416	9844492	5150249
280.0896	25.69217	25.6535	25.7215	5	5	0	132930.4	406133.4	357797.9
349.1467	27.19333	27.1805	27.20017	3	0	3	42738.45	63466.58	82247.58
308.0841	22.117	22.08317	22.12267	4	4	0	53647.39	130999.8	79937.98
506.1181	43.61842	43.5875	43.63067	6	2	4	104393.7	811071.9	834220.9
668.4524	8.724867	8.479117	8.780583	3	3	0	111460.1	251467.9	250062.9
651.485	39.62983	39.52983	39.69867	4	0	4	109659.4	18225.55	7328.751
637.3064	10.71445	10.6177	10.75237	4	0	4	326814.7	185212.5	310929.5
363.1725	36.6085	36.57717	36.633	9	4	5	52534.23	352147.5	144338.2
208.5712	30.80633	30.71867	30.835	5	1	4	150885.5	173966.8	361912
469.025	10.93657	10.85075	10.9508	3	0	3	117572.3	14424.69	22975.72
431.3929	37.27917	37.25233	37.51767	9	5	4	43455.15	382976.6	73762.16
675.3719	33.245	33.2155	33.24683	3	0	3	102548.4	24450.09	8594.547
458.9131	21.76967	21.75667	21.8075	3	0	3	64210.1	4848.654	4517.873
785.5827	43.2345	43.20367	43.248	5	1	4	16990.96	42303.95	19740.05
347.1927	20.77308	20.7015	20.8035	10	5	5	69825312	1.77E+08	1.95E+08
879.6726	44.61608	44.60317	44.66783	4	1	3	50764.69	242420.6	100464.3
451.4344	42.52617	42.4245	42.6505	9	4	5	48279.74	210234.5	58337.68
346.6111	30.99417	30.9935	31.07383	5	0	5	138108.4	256247.1	488116.2
297.6487	31.00858	30.97967	31.07383	6	2	4	132012.5	202528.1	328213.1
363.2174	25.72058	25.6755	25.74283	4	0	4	1140943	391658.8	293637.9
283.2059	37.00533	36.96133	37.02017	5	0	5	469494.9	1365363	144219.6
287.8975	2.076517	2.01865	2.316583	7	3	4	3304817	757259.5	433530.4
485.0213	22.928	22.92417	23.01033	3	3	0	64176	191309	174788.1
494.1404	30.96425	30.93717	31.088	8	5	3	42890.28	322788.2	166011.3
482.1545	37.42442	37.3955	37.47317	10	5	5	61575.7	465973.2	244309.9
262.0911	20.75867	20.7015	20.8035	8	3	5	247782.7	407805.2	469045.2
763.0435	29.6275	29.56383	29.66617	3	0	3	47776.64	27916.45	59786.23
445.6356	8.7119	8.479117	8.7677	4	3	1	124492.9	354012.2	295490.7
687.5398	38.87917	38.86817	38.89767	4	0	4	515262.8	95010.42	52028.8
686.5364	38.88283	38.8755	38.88283	4	0	4	1225143	301248.3	177790.9
577.3474	25.87667	25.83717	25.88817	3	0	3	152206.9	22290.58	7783.39

319.2275	25.77083	25.70633	25.88233	6	1	5	2330220	627619.1	670702.5
447.1175	37.41567	37.36567	37.5325	7	4	3	43106.16	384810.4	168179.9
463.3031	33.2215	33.21583	33.22817	3	0	3	54232.14	213852.9	157114.3
479.274	21.273	21.1695	21.29	3	0	3	53360.98	21440.19	6561.02
582.2537	29.111	29.08117	29.1395	5	5	0	165719	758148.2	590634.9
470.3479	39.375	39.3505	39.446	6	2	4	76804.13	723415.6	375381.1
407.3166	9.733067	9.61695	9.76485	3	3	0	585548.9	442140.7	244408.4
707.5088	10.12648	10.06057	10.14968	8	4	4	880830.9	929735.3	1079201
283.2061	31.3185	31.301	31.36317	5	0	5	278219.3	627465.6	146875.1
380.101	19.22808	19.205	19.23233	4	0	4	64441.93	66541.57	100068.3
894.4967	31.31517	31.30033	31.33233	3	0	3	170151.8	25277.1	10380.62
384.283	29.85533	29.81883	29.94533	7	3	4	218862.6	97648.52	41106.64
474.1702	37.00567	36.99017	37.00783	3	0	3	42874.35	36089.01	13323.92
724.2199	10.73325	10.60262	10.75042	3	0	3	278828.4	83988.15	133960.1
523.1314	23.196	23.11933	23.22467	7	5	2	148961.6	623363.7	552902.6
372.202	37.0215	37.00567	37.2755	4	0	4	93288.87	185408	47651.54
599.107	33.15767	33.11267	33.17183	3	0	3	58224.46	35563.76	38692.62
742.8758	30.78433	30.47117	30.84967	6	1	4	243255.3	321784.7	714464.8
349.0779	20.773	20.716	20.8035	9	4	5	319926.8	560580	664879.1
349.1996	20.77308	20.716	20.8035	10	5	5	2284690	4806321	5535568
317.3248	27.98058	27.939	28.00933	10	5	5	550751.5	1564499	858426
379.1547	43.59142	43.57267	43.61567	8	3	5	180087.9	1281369	1182474
595.4569	9.60945	9.45735	9.662833	6	3	3	1635002	1185328	560874.3
638.1184	23.8115	23.76533	23.86583	3	0	3	28593.72	17794.68	35484.15
345.3228	20.773	20.716	20.8035	9	4	5	323287.9	584435	701670.2
420.0452	16.18852	16.18	16.20485	3	0	3	60616.21	22950.96	38011.12
641.0292	33.1645	33.11033	33.1875	4	0	4	177026	15390.74	8763.098
523.0193	30.74767	30.474	30.83517	5	1	4	220539.9	474797.6	998138.4
394.1085	29.637	29.593	29.66617	7	2	5	191687.8	285339.8	537771.2
323.1309	28.42408	28.38817	28.429	4	0	4	59440.1	132548.6	56272.79
513.1194	38.1425	38.13483	38.20767	5	1	4	52169.48	80351.18	163782.1
417.1949	36.99983	36.99017	37.04933	4	0	4	87765.61	174573.8	76378.23
697.3978	33.17183	33.15767	33.1865	3	0	3	120795.9	17326.16	7564.973
1097.799	43.8745	43.85333	43.91483	10	5	5	717702.8	5504245	3286716
361.1721	12.59151	12.55797	12.63313	4	1	3	60820.98	111828.8	167904.7
297.1866	10.6528	10.63273	10.73325	7	4	3	139523.3	224691	106112.3
737.2313	41.19333	41.1635	41.25083	10	5	5	1261193	2191816	1863130
529.0678	31.34333	31.30467	31.36317	5	0	5	130404.5	4533.933	4299.458
389.1626	37.01425	36.96233	37.065	4	0	4	58761.64	103707.5	17740.79
286.8919	2.089042	2.032667	2.114383	4	0	4	242055	0	0
333.9679	32.31267	32.2815	32.3515	3	0	3	104570.6	5708.965	5441.664
513.0877	21.75275	21.63133	21.77133	4	0	4	167476	11841.56	13574.61
363.217	23.59292	23.56067	23.60533	4	0	4	1027914	223911.5	122186
854.356	23.02967	23.01883	23.03067	3	0	3	82150.59	9126.183	9532.808
591.0994	31.37167	31.3185	31.37217	3	0	3	51432.34	5370.975	3457.615
306.892	2.124917	2.06535	2.302	3	0	3	56184.45	0	0
403.1803	37.98867	37.97967	38.00883	3	0	3	23879.47	144590.5	56903.43

276.2044	29.522	29.4915	29.53483	4	0	4	84726.79	259299.8	96968.7
553.1185	38.8975	38.8755	38.89767	3	0	3	65497.38	5235.699	1495.076
412.0147	22.59633	22.57133	22.60683	7	2	5	194147.7	242018.4	378459.4
1009.154	31.33233	31.31433	31.35767	3	0	3	116231.7	2477.121	2293.69
697.3011	10.37652	10.36523	10.40805	3	0	3	505326.1	19563.9	37998.11
367.2483	29.84117	29.81467	29.88567	3	0	3	224213.7	168461.5	51017.61
293.1387	30.82783	30.74683	30.84967	4	1	3	94551.47	165617.6	293608.5
318.0428	14.64028	14.46898	14.7143	4	1	3	178183.5	348364.8	353920.1
1358.025	9.55075	9.444983	9.584433	7	4	3	43649380	28061948	20154254
590.8645	25.68758	25.64683	25.69883	6	1	5	211630.5	488509.2	1005788
415.069	30.4275	30.352	30.44967	5	1	4	77966.53	124935.4	222065.5
678.2747	30.238	30.23	30.24717	5	5	0	104875.9	383565.5	369048.7
379.0187	16.19252	16.17557	16.21732	6	1	5	212695.7	138087.5	234983.7
376.9992	22.12908	22.09383	22.1735	4	1	3	152867.5	246533.9	307556.2
171.9819	2.85725	2.837	3.1623	4	1	3	82415.06	99615.93	47148.02
709.9366	8.7523	8.497367	8.780433	3	3	0	725691.9	1112242	1159969
368.3525	42.5155	42.44383	42.60467	9	5	4	38721.7	178380.7	27495.71
515.3133	30.95017	30.943	31.03733	7	5	2	343150.5	1314042	1229995
477.8229	2.114383	2.105717	2.257733	5	1	4	668435.8	114110.8	255159.4
911.2285	31.31517	31.30467	31.34333	3	0	3	90388.06	662.7045	1481.852
699.3941	33.17267	33.15733	33.1865	3	0	3	56015.57	15273.8	12542.86
267.6473	30.97933	30.93717	31.06583	10	5	5	195840.3	1290952	558807.2
1215.734	43.60183	43.57267	43.6195	4	1	3	55281.34	86638.32	116031
369.2372	18.69983	18.6855	18.75817	3	0	3	82120.84	294941.4	59430.14
557.4137	43.87225	43.84967	43.9055	10	5	5	2811205	34829717	7268176
608.2698	30.822	30.80183	30.85917	5	5	0	118857.2	489293.1	380404.6
718.1692	30.94975	30.943	30.99367	4	4	0	87001.95	353266.2	365720.4
624.2942	10.72138	10.6177	10.75237	7	2	5	2906201	930060.4	1528428
529.0101	30.799	30.71867	30.84967	4	0	4	71526.34	97148.55	209080
404.2201	23.00492	22.943	23.048	10	5	5	927653.6	1236719	842046.4
691.4918	38.88283	38.8755	38.89767	4	0	4	401331.3	31146.91	11531.58
481.1565	37.42825	37.38067	37.46133	10	5	5	81416.35	655449.3	342870.2
341.0897	17.29567	17.2395	17.3065	5	0	5	93302.38	38705.26	60789.34
876.6632	44.61817	44.60317	44.68367	10	5	5	1454529	13261755	4349218
738.2347	41.20767	41.1635	41.23617	9	4	5	486136.1	779845.9	659851.6
274.0843	12.19882	11.94185	12.37677	10	2	5	84504.16	267537.6	134741.8
333.1528	23.58883	23.58183	23.616	3	0	3	46444.76	65299.33	53332.09
460.2655	36.4245	36.42317	36.47133	3	0	3	162264.3	325222.2	69301.32
755.5324	42.71775	42.68833	42.766	10	5	5	513274.6	4604634	1209248
307.1909	32.57767	32.50767	32.615	4	0	4	125203.6	159957.6	99325.48
628.2596	29.11167	29.10917	29.1395	5	4	1	202151.1	722990	485563.1
337.596	29.14692	29.1185	29.2115	6	1	5	368297.8	777273.7	1607703
360.5985	29.16633	29.14033	29.2115	4	1	3	88926.55	98905.59	212032
408.202	34.36767	34.357	34.4525	3	0	3	132227.6	1313636	457723.4
789.6145	37.431	37.3955	37.50733	7	2	5	945642.1	406303	426322
371.154	42.46833	42.45683	42.4845	3	3	0	23385.07	126387.7	47784.11
370.2133	11.2838	11.24202	11.48333	3	0	3	770166.3	455922.2	526637.7

696.4014	33.17183	33.13983	33.17267	4	0	4	549288	190126.9	83603.58
509.0422	30.82075	30.74683	30.84933	6	2	4	355691.2	899105.9	1603804
378.1347	21.71017	21.5865	21.74217	8	3	5	101279.2	351431.4	318234
698.1908	30.98625	30.87583	31.088	8	3	5	303860.9	608123.1	1083818
492.2947	22.51875	22.49	22.55683	6	2	4	53082.29	256799.6	45957.03
349.2209	15.66412	15.61342	15.68465	6	3	3	355404.2	304900.1	248397.3
529.0868	33.17183	33.15433	33.21733	4	0	4	129960	6098.83	8032.81
381.154	20.75867	20.716	20.75867	4	0	4	142620.9	335568.5	275224.2
587.0925	37.02017	37.00567	37.03633	3	0	3	71211.72	4166.945	2624.296
334.9605	32.32733	32.2965	32.33717	3	0	3	119838.5	8166.498	15451.76
524.7088	42.60467	42.576	42.64467	10	5	5	113802.7	936294.1	118166.7
628.2934	29.22125	29.2	29.32917	10	5	5	320512.7	1944130	1422170
385.5638	31.00133	30.9645	31.088	6	1	5	138827.3	272055.5	598556.9
568.0411	30.79167	30.74683	30.80633	3	0	3	52982.71	42760.46	92135.42
416.2699	27.85058	27.83583	27.87783	4	0	4	242986.2	137854.5	25720.37
525.3805	23.34592	23.31433	23.44617	4	1	3	103897	343596.3	404459.4
763.298	31.32883	31.30467	31.32933	3	0	3	51797.04	720.5099	1611.109
964.7162	31.40108	31.37167	31.63033	4	1	3	129189	590579.2	733472.4
960.5988	9.6616	9.60445	9.69565	4	1	3	1548161	458891.1	774898.2
536.4036	44.01575	44.01133	44.0585	10	5	5	472495.1	4694013	950894.5
225.1123	24.03283	23.98683	24.0475	3	0	3	90585.66	234005.7	46240.92
564.2623	9.187083	9.101033	9.243133	3	3	0	971659.8	1865585	1796441
306.1044	12.99214	12.9761	13.05043	4	3	1	30254.32	91449.98	66548.41
372.101	37.40867	37.38983	37.4255	4	3	1	52152.06	328013	201137.8
289.6405	28.6265	28.56767	28.65783	4	1	3	61822.54	83589.03	151311.5
150.0269	17.1305	17.02267	17.2135	7	3	4	58180.52	138746.4	157743.8
788.6111	37.46183	37.3955	37.515	8	3	5	2213516	1014293	1014601
289.9752	30.74767	30.71867	30.80633	3	0	3	46185.27	63006.45	126593.6
701.5639	9.529583	9.365883	9.6817	3	3	0	9802120	4713830	5269852
366.2364	25.69983	25.66133	25.7115	4	0	4	428808	598550.1	101449.6
1229.877	43.48967	43.4575	43.51517	10	5	5	423861	2717870	1669423
737.941	31.34333	31.3185	31.35767	3	0	3	148513.4	762.03	1703.951
380.3161	38.89092	38.86817	38.9125	4	0	4	356537.4	77806.84	33751.85
451.1629	29.57867	29.50583	29.62233	3	0	3	78198.37	197601.9	178968.9
622.4645	38.08575	38.01717	38.193	4	0	4	117779.7	10806.47	9713.299
399.9366	10.40915	10.34782	10.43838	9	4	5	628628.1	1358637	1769047
200.0007	21.708	21.57183	21.7275	6	2	4	146082.5	715502.6	556263.7
499.349	30.96483	30.9495	31.06583	8	4	4	175125	1112562	570828.9
562.833	18.1235	18.00283	18.24933	5	1	4	216486.7	733444	998458.4
576.3444	25.88967	25.83717	25.90367	4	0	4	445832.6	214599.3	81903.35
524.0312	19.22808	19.21983	19.247	4	0	4	173922.4	28253.96	35178.67
299.3143	29.73917	29.73883	29.74017	3	0	3	106827.9	422481.2	249198.9
522.1929	10.68033	10.56983	10.76447	6	3	3	892166.6	909545.7	816593.5
377.0891	30.80633	30.73283	30.85933	5	0	5	547844.2	1465884	2901898
528.2937	30.94942	30.93567	30.96417	4	4	0	214418.8	752965	575703
648.4408	29.883	29.8495	29.907	7	4	3	38550.44	180794	40108.96
319.1178	25.683	25.63267	25.7215	7	5	2	250424.3	944601.2	916083.1

391.1044	33.52517	33.50617	33.55283	3	0	3	33212.04	15368.06	21863.95
297.1471	30.97967	30.94733	31.07383	9	4	5	429539.5	1197647	1665136
548.8543	22.1365	22.1235	22.17817	3	0	3	69906.23	48596.74	97396.22
693.2041	22.04908	21.94167	22.079	4	0	4	99302.81	10693.88	14797.33
683.5323	12.72986	12.64	12.80027	8	3	5	437257.1	663579.8	1046822
205.0162	10.55712	10.27938	10.73325	4	1	3	988641	92575.27	135682.8
683.3098	31.23258	31.21233	31.24533	4	0	4	1580014	10137.09	8261.977
747.5444	18.65033	18.61117	18.6665	4	1	3	94980.98	169391	198710.8
444.3325	29.96483	29.951	29.9815	10	5	5	592170.4	5699224	1164429
700.2562	30.24533	30.23533	30.25317	3	3	0	53230.61	188902.5	199647
347.1093	31.00825	30.92183	31.088	6	1	5	173875.1	247342.1	509825.1
765.5897	9.52075	9.48745	9.571	5	1	4	1789763	755904.3	804134
261.0795	10.55548	10.25657	10.7506	9	4	4	5842353	835095.2	1309275
404.9939	21.708	21.557	21.7285	7	2	5	172605.7	201555.7	342239.2
417.1035	17.254	17.01433	17.29567	3	0	3	150827.1	5362.029	1865.475
965.7193	44.32567	44.29217	44.35267	10	5	5	794476.7	6581953	2349650
469.339	9.122908	8.9037	9.134267	6	5	1	2632593	9182646	6262358
482.0216	22.98608	22.938	23.01033	8	5	3	517977.1	1937644	1844681
418.2438	44.16567	44.04533	44.21283	4	3	1	68709.75	533641.7	144741.5
655.3125	30.24033	30.23183	30.32083	4	3	1	66414.73	233606.6	218770.3
379.2046	40.97617	40.93683	41.013	8	3	5	94343.98	532188.9	350501.5
642.307	16.29685	16.28187	16.32	3	0	3	44265.75	23548.33	6979.481
522.1571	10.68843	10.66397	10.77118	4	1	3	892166.6	1709399	1165679
626.3233	23.17983	23.167	23.181	3	0	3	74559.42	97795.67	74890.5
601.4404	43.60175	43.57217	43.6235	10	5	5	3243903	41668516	8844085
802.5276	10.4252	10.33325	10.45178	8	4	4	2313716	1601567	1609065
484.0187	22.97683	22.928	23.0335	7	5	2	252488.2	1080032	1028462
565.8572	18.13833	18.13217	18.16983	3	0	3	60929.3	78437.32	129239.2
337.6972	38.88283	38.8515	38.89767	3	0	3	19354.77	829.3783	1854.546
182.9919	19.01083	18.84883	19.14183	3	3	0	3800324	35456543	62261986
480.3604	18.63933	18.61083	18.65967	4	0	4	33097.41	39583.36	42126.17
350.0896	20.75867	20.716	20.78767	6	2	4	79319.97	109303.7	143120
623.2909	10.70767	10.6177	10.75237	7	3	4	8887913	3301190	5683438
431.842	10.74918	10.69342	10.8219	5	2	3	518753.1	533749.5	704444.3
641.414	10.88626	10.86975	10.8934	4	1	3	223073	315544.7	270837.5
369.013	24.97817	24.96417	24.99133	4	0	4	45392.62	91675.72	171983.5
250.0592	15.92938	15.85218	15.93323	3	3	0	85157.05	348756	265999.7
596.0615	8.753233	8.51555	8.7798	3	3	0	739725.9	570862	616985.8
901.5631	11.16608	11.09153	11.17027	3	0	3	83014.3	14903.85	24176.06
424.4064	38.09142	38.06833	38.25133	8	3	5	48623.69	134927.8	135596.8
270.1018	18.124	18.07617	18.17483	7	4	3	100536.3	593576.9	304959.4
346.1093	31.00833	30.9645	31.07383	6	1	5	539138.6	1134903	2481156
673.2503	32.07333	32.0285	32.10233	3	0	3	69491.64	27875.42	15324.43
478.1617	10.77118	10.68362	10.77882	3	0	3	224715.5	299471.3	402527.1
645.968	43.31567	43.30733	43.36633	10	5	5	1829500	24682327	6006729
838.3641	10.62083	10.599	10.69392	5	2	3	520924.8	457360.1	905884.1
710.0794	8.7458	8.497367	8.794383	4	4	0	530750	1051216	1133631

303.2237	31.3305	31.31517	31.34333	4	0	4	157021.6	235499.7	162259.8
349.596	29.2135	29.19917	29.32917	7	2	5	1547331	2711141	5703916
515.8146	30.9495	30.93717	31.0515	5	4	1	173325.7	646057	635299.4
681.003	31.33725	31.25867	31.37217	4	0	4	108037.2	20629.18	10999.87
340.0928	17.28575	17.254	17.299	4	0	4	109915.6	91908.41	167644.4
616.0656	23.187	23.181	23.1945	5	1	4	119972.8	174726.6	339986.5
419.998	22.11867	22.07167	22.1385	3	3	0	42263.37	170649.3	164275.1
281.0667	7.43585	7.316867	7.523667	3	3	0	539707.1	5117765	4744100
422.2065	22.10167	22.08617	22.14467	4	4	0	161420.7	382230.7	321031.7
486.017	22.97108	22.938	23.01033	6	5	1	154667.1	589285.2	585885
328.2492	17.50883	17.48667	17.53233	4	3	1	32687.53	74618.68	55714.16
714.9878	23.19508	23.181	23.2015	4	1	3	52378.73	66080.32	124499.8
430.1682	29.47617	29.448	29.50567	3	0	3	36546.1	67920.16	25648.74
683.3097	28.5355	28.53167	28.55283	3	0	3	386376.2	9139.3	6239.299
375.1801	38.12733	38.1125	38.21533	7	5	2	87320.23	468317.2	408394.6
267.1593	23.75067	23.74617	23.76617	3	0	3	174222.7	648306.1	499670.8
428.9935	15.87031	15.84463	15.89117	4	0	4	418355	194425.3	344492.3
524.949	16.19243	16.17295	16.23457	4	1	3	60673.13	22008.06	42863.82
674.2274	30.78442	30.71867	30.84967	4	0	4	75924.4	64688.83	140451
403.2096	22.53183	22.50633	22.5335	3	0	3	479830.9	120667.5	85097.91
674.4016	9.526183	9.460417	9.596683	8	5	3	27010112	34528719	29974153
644.2267	29.20683	29.19983	29.21517	4	4	0	86209.84	357245.2	380547.9
386.0422	9.699692	9.65795	9.751083	6	3	3	230516.6	113752	127914
361.2015	29.1535	29.064	29.18433	5	0	5	543949.6	1608985	1455909
584.9812	23.84758	23.79717	23.86983	4	1	3	41919.64	41111.44	80462.91
733.5191	42.82975	42.79333	42.8675	10	5	5	822660.5	7606359	2733674
357.3006	38.66833	38.6095	38.76517	10	5	5	99605.91	662285.6	381922.4
417.2735	25.0985	25.06483	25.101	3	0	3	39837.16	18363.69	18830.75
475.2357	38.67092	38.63517	38.7505	8	3	5	160338.4	302997	235594.4
757.3469	29.07158	29.05867	29.12267	4	0	4	1688498	2675.435	3666.586
736.9585	33.184	33.15733	33.21583	3	0	3	63652.57	4038.14	7386.671
227.1951	9.222183	9.116917	9.294367	5	4	1	14438665	3488892	5399238
204.1386	11.92745	11.89885	12.0772	4	0	4	148998.2	120972.3	88734.25
224.1002	17.13283	17.02267	17.19717	10	5	5	564614.9	1750457	1799011
746.5415	18.66192	18.61117	18.691	6	3	3	348838.3	884761.8	934019.7
258.9604	4.054217	4.039533	4.12145	3	0	3	1736134	4151289	5004112
462.9445	25.67708	25.64683	25.70383	6	1	5	205759.6	467612.1	995988.5
723.2163	10.72897	10.60262	10.77118	4	0	4	987310.4	246734.8	485984.5
296.1469	30.96483	30.93717	31.07383	10	5	5	2723328	7337547	13464850
478.0289	22.15117	22.02083	22.26017	5	1	4	163906.7	200062.6	338763.7
710.2234	8.7523	8.51555	8.780433	3	3	0	546640.9	824338.6	887411.2
830.622	34.79267	34.73667	34.82933	6	1	5	121045.6	248007.5	319511.7
462.908	18.13833	18.03083	18.158	7	3	4	445077.6	1639453	2186539
511.1193	38.13108	38.1085	38.21533	6	1	5	314291.3	459526.5	1003578
420.1845	33.17958	33.13983	33.1865	4	0	4	109130.4	384694.5	118936.6
495.0407	24.59283	24.56467	24.646	4	1	3	36323.31	22129.68	34313.47
394.2875	23.376	23.34067	23.4065	4	1	3	91216.61	273966.1	282854.6

531.3522	36.17083	36.16867	36.18533	3	3	0	20244.15	88981.62	43969.91
686.5209	38.61342	38.59433	38.631	4	3	1	1225143	1157711	758847.5
420.0875	30.80633	30.74683	30.84967	5	1	4	136597.2	406463.9	481053.8
294.081	20.76583	20.716	20.81833	8	3	5	353036.1	459280.2	535872.1
589.08	33.17183	33.17183	33.2025	3	0	3	79232.17	3363.861	2619.104
793.3282	33.17183	33.15733	33.1875	3	0	3	92414.92	860.7534	1924.703
355.1464	28.22208	28.21967	28.235	4	3	1	47909.66	236482.1	173020.5
1726.744	9.44975	9.43065	9.55075	3	0	3	7933632	2452011	4411350
656.2542	29.20017	29.18433	29.24433	4	4	0	59630.86	188097.6	189169.4
176.3732	17.10633	17.06583	17.14583	4	0	4	19899.21	21612.45	29948.9
509.407	10.41965	10.335	10.42607	5	2	3	240772.3	146309.7	143987.1
712.0076	42.9495	42.92583	42.984	10	5	5	979003.3	10059559	2841728
1008.743	44.16633	44.159	44.19833	10	5	5	1574674	12098035	6370893
643.9533	30.777	30.77517	30.82067	3	0	3	78644.76	72668.3	162491.3
422.7763	21.9755	21.87817	22.01283	5	3	2	88861.12	215691.5	299571.7
223.0639	37.42442	37.38067	37.48783	10	5	5	237823	1980150	915278.8
461.0243	22.12267	22.10083	22.1335	3	3	0	24445.43	110838.8	114270
428.1749	43.57217	43.57083	43.58917	3	3	0	66921.56	802655.4	242470.3
465.3621	39.15892	39.09017	39.18333	10	5	5	100008.5	744725.2	227967
692.4951	38.88283	38.8755	38.9125	3	0	3	194035.3	124344.9	54083.4
361.596	29.14083	29.11167	29.2115	7	2	5	600496.8	1337504	2716544
354.8021	35.24375	35.23483	35.25267	6	4	2	139502.4	110569.3	49443.78
397.2926	38.64067	38.62283	38.7505	7	4	3	87924.27	400792	346006.1
488.2696	44.75533	44.56633	44.97533	6	3	0	41994.14	525971.5	127438.2
866.8961	22.129	22.02933	22.17817	4	1	3	69416.82	57141.15	91981.61
186.9924	2.143425	2.11085	2.269767	4	0	4	250828.3	0	0
685.6978	9.546583	9.4881	9.596683	8	5	3	8240264	14879683	13953607
459.1392	39.37183	39.28383	39.372	3	0	3	101831.1	106551.5	66598.4
364.306	37.03467	37.01317	37.05017	5	2	3	44644.89	140603.1	107207.9
486.374	10.87166	10.78832	10.93685	6	3	3	157501.3	75311.53	81008.08
531.4922	29.23742	29.21333	29.32917	4	0	4	60701.79	73557.17	164478.8
398.5611	31.00108	30.9645	31.06583	6	1	5	102648.6	196628.3	439674.2
562.1907	26.12933	26.09583	26.13067	3	3	0	47466.46	113796.1	102909.5
348.2177	15.64867	15.5109	15.72248	10	5	5	1609029	2024217	1757732
443.2387	10.66402	10.43412	10.7264	7	2	3	353180.4	340711.2	340824.8
297.1151	22.62033	22.5785	22.66167	5	0	5	146471.1	278693.3	187390.4
527.1259	23.11883	23.11333	23.22467	4	4	0	65073.6	156833.8	143214.3
464.722	2.06535	2.052283	2.114383	3	0	3	247088.1	12154.71	7090.497
424.2344	13.68192	13.62433	13.71107	5	3	2	443812.3	192622.3	214009.6
661.233	30.799	30.74683	30.82083	4	0	4	59420.15	31843.8	59361.88
470.0929	38.13875	38.1085	38.20067	6	1	5	594354.4	871258.2	1839859
258.1936	35.59483	35.55833	35.666	3	0	3	41669.51	115507.2	47256.99
284.0667	15.86547	15.84463	15.89117	5	0	5	167511	150999.2	194725.2
681.0184	10.36968	10.22325	10.3949	7	3	4	1536976	1185761	1161255
371.1016	37.42108	37.38067	37.47667	8	4	4	270587.5	2129577	1329751
461.8507	44.5095	44.50417	44.52133	3	0	3	40821.73	171845.2	65134.9
391.074	30.84433	30.74767	30.90333	7	3	4	253719.5	1300829	890151.3

527.1032	15.87585	15.84463	15.8953	3	0	3	105703.6	7355.854	9863.264
514.2921	10.20952	10.08757	10.24568	3	0	3	725677.8	89040.08	115475
710.3598	43.60117	43.578	43.61683	7	2	5	232011.3	1530654	1439118
327.2363	31.277	31.10967	31.31433	5	3	2	124685.3	274110.4	222420.8
342.2094	12.00145	11.9422	12.1328	3	0	3	51453.4	19920.2	14160.82
304.7704	38.88283	38.8755	38.89767	3	0	3	19876.25	18845.21	11439.06
1359.028	9.489492	9.3803	9.584433	8	5	3	33728276	22378833	18888779
183.0617	14.44424	14.38968	14.56693	4	1	3	51849.95	473770.7	199553.3
401.2538	21.903	21.7995	21.92183	3	0	3	252472.7	1295636	693330.6
705.1873	30.9495	30.90333	31.06583	5	4	1	90761.8	511199.2	291540.4
658.4898	34.31067	34.27467	34.385	10	5	5	320190.9	1386984	664552.4
432.2574	23.19575	23.08917	23.25283	4	3	1	223199.1	482101.6	303321.9
866.3588	10.68129	10.64867	10.77118	6	2	4	856045.2	641410.3	714177.2
435.1406	26.15833	26.05033	26.353	5	1	4	216917.7	2450491	1634971
1053.772	44.01533	44	44.0585	10	5	5	809410.6	5974760	3109337
346.0781	10.97798	10.85052	11.11307	5	0	4	203890.8	30445.22	28234.66
306.119	30.80633	30.73283	30.84933	5	1	4	692410.3	672149	1372809
878.6694	44.62592	44.6035	44.669	10	5	5	201283.8	1514655	575494.7
391.1782	28.43525	28.41817	28.45267	6	2	4	130900.7	192811.3	306196.8
325.1061	21.08142	20.89033	21.14683	6	4	2	119154	724580.6	410832.7
633.8214	31.33233	31.301	31.35767	3	0	3	85487.7	609.7731	1363.494
346.3182	20.75867	20.716	20.78767	7	2	5	87080.09	146641.1	103627.7
398.9421	10.42832	10.36523	10.45412	8	4	4	3167270	6935971	8637088
447.1604	28.87867	28.86317	28.929	6	1	4	73824.83	116325.8	74657.17
591.2012	25.49633	25.43117	25.52117	5	1	4	43052.45	30830.8	36133.29
498.9166	30.95867	30.943	31.07383	10	5	5	70819.66	590889.1	247784.2
390.1368	24.594	24.5315	24.6095	7	2	5	108816	204150.2	335694.6
499.176	29.6515	29.57833	29.6815	9	4	5	2589408	5574978	10348861
681.3563	8.753233	8.51555	8.76595	3	3	0	687814.4	553908.1	601159.5
682.5283	12.71693	12.65432	12.78712	8	3	5	1127175	1967720	2675005
301.056	21.76967	21.75283	21.79333	3	0	3	108262.2	57113.91	48343.56
455.1377	24.018	24.00183	24.03283	3	0	3	91520.63	182041.4	389551.6
646.1101	29.62975	29.57833	29.66617	4	1	3	100124.3	105466.3	214338.6
266.0841	22.60933	22.57133	22.631	7	2	5	266478.3	342336.9	423147.4
645.4663	43.32267	43.30733	43.36633	10	5	5	2685988	36330921	8310098
651.4711	10.88625	10.81963	10.95503	8	3	5	162406.1	135679	174685.4
753.4739	10.26495	10.24568	10.30798	3	0	3	85304.84	35092.22	45194.71
287.6337	29.12592	29.09717	29.24117	8	3	5	1296262	3672693	6162153
334.2461	36.4085	36.407	36.47133	3	0	3	1001137	3678857	998365.7
430.3036	41.71667	41.67167	41.774	9	5	4	35677.31	340407	43946.03
163.6439	9.562183	9.500283	9.577667	4	3	1	529457.8	796383.5	434949.2
1213.734	43.56058	43.5435	43.58967	4	0	4	77251.22	74476.21	103375.3
524.3744	42.60617	42.58533	42.66483	10	5	5	149241.1	1153188	199773.4
554.257	30.96417	30.93717	31.06583	7	4	3	104131.2	375670.3	196415
375.1317	32.43958	32.37967	32.4985	4	1	3	71730.68	70079.61	102043.9
550.351	33.70683	33.68233	33.811	6	3	3	68178.05	414875.2	228394.8
645.1069	29.64233	29.57833	29.66683	7	2	5	385549	650121	1354134

373.1723	31.35783	31.30033	31.38783	3	0	3	227593.9	24064.37	7039.21
716.5172	27.005	26.9415	27.0465	6	2	4	51627.54	195736.1	245331.4
537.3021	9.243133	9.101033	9.460417	7	5	1	6790317	19457878	11267983
264.1022	20.77308	20.716	20.8035	8	3	5	154619.5	255155.7	293650.6
483.0038	15.41258	15.40755	15.46852	3	0	3	56007.36	8653.921	9030.44
1143.831	43.73267	43.70317	43.76917	7	2	5	73583.34	338618	208290.5
285.8936	2.152425	2.032667	2.1715	4	0	4	427921.8	0	0
961.6025	9.63195	9.591083	9.69125	3	0	3	510513.8	149706.9	212038.8
294.2147	32.79633	32.76633	32.86433	4	0	4	151919.8	268751.4	111851.6
607.4582	38.37433	38.2305	38.54817	5	2	3	155911.3	1007733	1107426
746.5413	19.15817	19.13767	19.2175	8	3	5	454209.9	1150679	1162400
684.3135	31.24492	31.21233	31.24883	4	0	4	640169.7	25886.21	18717.81
705.4885	43.0845	43.017	43.13017	5	1	4	68788.8	204589.7	222898.9
420.2097	22.1015	22.005	22.12267	5	4	1	244481.5	721472.2	603383.5
640.0317	33.17958	33.11033	33.1865	4	0	4	85795.26	91900.87	123142.2
385.2784	27.333	27.29967	27.42817	3	0	3	73835.19	45370.9	31198.03
758.3502	29.07875	29.05867	29.10767	4	0	4	744888.3	78937.65	38898.78
366.2182	14.03543	14.0132	14.04275	3	0	3	3282855	110955	52602.94
368.9725	21.78433	21.70667	21.79333	5	0	5	161631	199480.8	242674.7
249.11	14.23448	14.08735	14.2452	3	0	3	151786.7	74941.19	60141.47
464.1302	37.42333	37.3955	37.6275	11	5	5	162655.9	1217789	563012.9
365.1892	38.13017	38.08367	38.20067	9	4	5	1109704	2729592	4320629
457.5185	26.8915	26.834	26.92167	6	2	4	38396.04	31654.77	43452.04
701.3547	33.15717	33.14283	33.15733	3	0	3	92093.98	19688.16	14098.99
778.2582	41.19317	41.1635	41.25083	9	4	5	424456.3	652970.4	566224.9
410.3094	10.53443	10.4986	10.5518	4	3	1	104572	69137.09	53092.16
921.6928	44.46975	44.455	44.537	10	5	5	754316.3	6489394	2583990
541.1556	21.75275	21.61633	21.75667	4	0	4	417858.3	9482.748	11878.53
349.0899	26.90858	26.8555	26.93683	6	2	4	59926.85	60998.63	80597.37
440.1713	9.693383	9.61695	9.76485	6	4	2	775910.6	754162.6	773532.5
367.2216	17.52083	17.51667	17.529	3	0	3	2071053	565977.9	551057.2
580.4301	43.74425	43.7325	43.76567	10	5	5	746574.3	8207387	2501339
493.7839	30.96483	30.93717	31.07383	10	5	5	78951.59	596307.8	258230.8
403.1382	10.41965	10.37933	10.65043	9	3	5	1147380	3250114	2648957
406.2034	19.59592	19.56817	19.65933	4	0	4	8340602	253647.3	89235.66
345.1118	30.99417	30.93567	31.0515	5	1	4	61432.52	97508.85	95225.38
487.1631	15.48917	15.47945	15.5424	3	0	3	39421.95	17908.38	12671.06
621.2952	10.67863	10.6177	10.75237	4	0	4	406344.9	247810	327282.4
290.0925	18.16667	18.124	18.18667	4	4	0	46399.13	178858.6	140265.6
366.2184	17.51875	17.50183	17.529	4	0	4	8418950	132986.2	61190.93
591.2992	25.68433	25.66133	25.74283	4	0	4	88913.97	101016.3	106059.5
304.2357	33.15733	33.13983	33.17267	5	0	5	1020245	2176709	1394048
757.3468	26.42033	26.36383	26.42867	3	0	3	284503.4	9795.562	7019.605
549.0022	38.15417	38.09733	38.22217	5	1	4	66552.77	91376.93	188044.3
405.2235	23.0335	22.943	23.045	7	3	4	151581.4	161421.1	162956.1
576.3444	28.35917	28.1615	28.3805	4	1	3	182613.3	248603	74112.25
977.44	10.72183	10.69263	10.7264	3	0	3	781408.8	61114.44	100099.3

519.0064	38.13883	38.07783	38.21533	6	1	5	80750.38	67065.93	144188.8
333.028	36.9765	36.94767	37.02017	3	0	3	70502.88	0	0
320.2063	34.00967	33.938	34.05133	5	3	2	143983.5	932914.4	597113.1
544.9257	11.18841	11.10733	11.19912	4	0	4	65573.88	35340.37	55224.88
178.0583	17.14017	17.0515	17.1685	10	5	5	462621.1	1829724	1920556
288.1598	22.71733	22.70883	22.76917	4	0	4	71302.45	108901.4	26802.05
777.5457	42.59867	42.56083	42.66267	10	5	5	317431.7	2528760	967275.1
684.6834	9.526183	9.473767	9.596683	8	5	3	26083428	36400899	30232704
437.0025	22.136	22.02083	22.201	7	2	5	438944.8	846625.9	1206439
402.1972	10.45228	10.37973	10.4545	3	3	0	1678136	2217976	3019545
691.4988	43.09325	43.034	43.14367	6	3	3	49779.85	298043.1	127222.2
420.5107	26.24575	26.22483	26.28967	4	1	3	56327.84	67462.12	130105
299.6336	29.21433	29.18517	29.32917	10	5	5	6056262	10818958	18146922
467.1026	37.88033	37.8545	37.92033	8	5	3	67057.78	816632.6	213380.5
725.3628	43.63475	43.57267	43.721	4	0	4	55474.5	77698.27	54309.39
418.2435	44.50358	44.37867	44.6265	6	3	1	61033.36	628175.4	154458.4
646.4695	43.32258	43.2925	43.3515	10	5	5	747225.4	9803762	2463005
352.1844	22.06083	21.98917	22.06833	6	3	3	82699.88	375590.7	172207.7
786.5952	38.61317	38.5275	38.63283	3	0	3	29270.97	57620.7	66277.57
315.1231	23.59108	23.517	23.60533	8	3	5	121725.8	477008.8	414348.5
446.9335	22.12583	22.06433	22.15117	4	1	3	53822.14	119604	190685.5
324.1602	9.483542	9.43065	9.537367	4	1	3	2337850	1417214	2538715
300.1352	29.22083	29.19333	29.32917	8	3	5	1908342	3200406	5637600
500.1794	29.64417	29.57833	29.65167	7	2	5	503019.9	863244.3	1617151
1231.884	43.48517	43.44217	43.4995	3	0	3	61021.71	189668.5	137341.6
310.3302	35.154	35.14667	35.16167	4	3	1	19709.27	73131.13	54681.08
1383.987	9.44975	9.416233	9.537367	3	0	3	2867053	310273.2	681870.6
499.3684	8.8937	8.7127	9.003317	7	4	3	477688	1236473	968130
561.2639	9.215108	9.101033	9.26485	6	4	2	6601506	13803945	13631036
744.5844	44.974	44.94483	44.97533	10	5	5	465347.4	1984328	550412.1
379.1246	20.58967	20.411	20.63733	5	4	1	79378.44	327844.1	202752.6
566.2033	28.34867	28.32983	28.3815	3	3	0	103807.7	314595.8	319604.9
300.9925	23.26842	23.26017	23.32667	4	1	3	92193.47	90886.79	124421.8
539.9719	26.42033	26.36383	26.44317	3	0	3	153564.5	64728.57	83285.75
563.261	9.212583	9.101033	9.254883	5	3	2	3892002	7584961	7616831
1457.948	9.537367	9.506667	9.577883	3	0	3	3828002	1138636	893718.4
846.6534	39.22433	39.10883	39.3475	8	3	5	2521738	724895.2	794115.3
999.5015	43.58667	43.54783	43.64667	5	1	4	62845.96	130175.6	170415.2
554.1057	35.08833	35.07	35.1605	3	0	3	37444.28	3775.1	3513.315
716.326	41.25083	41.1635	41.267	5	3	2	34637.04	46121.25	32462.2
725.2108	32.2365	32.14983	32.26967	3	0	3	94945.91	77308.18	136855.2
278.8971	2.302	2.052283	2.307933	3	0	3	91167.83	0	0
828.2583	8.7393	8.497367	8.822367	3	3	0	382988.1	776372	850527.1
754.4447	40.49467	40.44783	40.5075	4	4	0	34883.49	194058.9	121415.9
407.2066	19.59592	19.56817	19.65933	4	0	4	2404246	69941.27	66276.62
407.656	41.178	41.16317	41.23617	7	2	5	103452	103257.9	128301.9
401.1644	20.61958	20.56783	20.66967	6	4	2	110233	807645.2	475752.3

557.9153	43.87958	43.85333	43.8995	10	5	5	1782848	21289151	4292965
801.2826	31.31517	31.30467	31.34333	3	0	3	98936.87	1041.843	2329.633
385.0474	9.684133	9.657717	9.751083	7	4	3	1037568	1027809	1157716
350.0976	29.24233	29.2135	29.32917	7	2	5	377456.2	755496.4	1624864
407.218	29.70967	29.66633	29.71	3	0	3	52441.99	34021.5	16487.27
321.1164	25.68733	25.64267	25.705	8	5	3	184304.5	641893.9	644957.1
377.0056	7.46635	7.26375	7.521283	4	3	1	1116442	10924702	10171597
381.1216	20.5745	20.42583	20.60717	3	3	0	39412.07	183962.4	128543.6
1099.805	43.84742	43.81967	43.8705	4	1	3	74901.45	348849.8	226078
265.1951	37.02875	37.0065	37.03517	4	0	4	65301.46	143662.7	26241.95
389.4707	9.671275	9.61695	9.71975	6	4	2	1015109	1184886	885501.7
565.1412	38.8755	38.85333	38.89767	3	0	3	53649.96	5252.405	2085.023
422.0838	19.1455	19.12517	19.203	5	1	4	87474.26	44075.53	65990.27
562.9613	32.13375	32.10667	32.173	4	1	3	38884.39	35086.37	78455.5
464.8478	33.879	33.862	33.92083	4	1	3	58934.24	66036.48	41525.02
286.1114	19.17433	19.1455	19.203	3	0	3	71225.95	32426.94	29735.89
412.1762	15.21732	15.20077	15.27622	5	2	3	54160.56	142703.9	168967.9
349.7092	20.76733	20.7015	20.7735	3	0	3	35374.75	27801.87	31701.19
747.0193	42.71217	42.67433	42.7805	5	2	3	47603.48	255796.9	90231.15
490.1166	29.69517	29.66633	29.72467	3	0	3	84759.41	15244.64	26349.19
382.088	30.78433	30.71867	30.86417	4	0	4	159397.4	345072	635063.8
459.1933	25.30742	25.28967	25.327	4	0	4	8007511	241988.1	85508.26
847.6567	39.23217	39.18383	39.2825	7	2	5	1247334	336277.7	399715.9
295.0886	20.716	20.59983	20.74417	3	0	3	52374.29	82930.34	55457.56
536.349	26.11683	26.09383	26.13383	3	0	3	9934112	170906.6	63733.18
615.0621	23.181	23.167	23.20917	7	2	5	423817.7	787454.3	1547580
536.0749	24.631	24.594	24.86733	5	1	3	32709.69	26803.7	57630.49
1724.238	9.468883	9.43065	9.55075	4	1	3	16783470	4099590	7453514
355.204	27.65683	27.62417	27.67733	4	0	4	45979.8	100314.9	57375.54
1275.91	43.31525	43.23317	43.33683	4	1	3	40412.01	77238.3	66931.04
498.3463	30.96483	30.93717	31.07383	10	5	5	2061373	16367498	7142236
470.2512	10.71462	10.63273	10.76935	6	1	5	1137443	623599.1	716209.9
524.0175	30.777	30.474	30.83517	5	1	4	203696.8	374338.9	837047.3
525.1273	23.11333	23.10367	23.196	3	3	0	106020.7	290810	304009.4
572.0933	31.34617	31.34333	31.35783	3	0	3	68102.7	4592.176	6005.714
510.3557	33.44417	33.3705	33.6115	9	5	4	540058.4	3784863	2448135
199.1693	24.8845	24.83167	24.93233	3	3	0	478440.7	3355999	2419870
464.8147	29.67375	29.66617	29.71233	4	3	1	70358.48	229688.9	159933.9
490.9394	25.67708	25.64833	25.69883	6	1	5	359003	885030.6	1926676
416.1874	29.33158	29.313	29.38767	4	0	4	1325297	99856.16	70279.84
856.5331	11.05106	10.9623	11.0843	4	1	3	149175.6	102520.3	150949.7
707.1825	30.96167	30.928	30.96417	3	3	0	67565.17	350796.8	215620
654.3091	30.24858	30.238	30.33317	8	5	3	203620.2	867204.6	804369.8
535.4005	44.02058	43.99683	44.04317	10	5	5	2274359	27300046	5505635
484.0725	11.09472	10.9623	11.14915	4	0	4	109730.8	8809.473	12624.58
423.1589	10.40133	10.37652	10.42227	4	0	4	2.48E+08	8.09E+08	9.1E+08
471.0963	38.1275	38.1085	38.20067	5	1	4	99285.54	148252.1	275670.5

307.152	17.299	17.2395	17.31033	3	0	3	51452.2	70088.31	30785.11
297.0828	37.42442	37.3955	37.47317	10	5	5	172867.5	1540002	740341.5
562.2658	9.187083	9.101033	9.243133	3	3	0	1809505	3133633	3282529
554.0596	42.39517	42.36383	42.42017	7	4	3	70112.93	693808.1	127067
431.1986	20.26167	20.246	20.599	5	1	4	2554592	137943.9	224164.3
789.4307	9.550042	9.515	9.596683	4	3	1	2520102	3216483	2129504
200.4222	2.14115	2.045917	2.18535	3	0	3	57468.17	0	0
470.5261	29.15575	29.14033	29.2115	6	1	5	128780.5	156885.3	338274
487.0203	22.943	22.938	23.01033	3	3	0	39501.11	89066.6	90112.94
349.2109	21.473	21.38433	21.49317	3	0	3	276191.4	60960.83	17440.9
782.1962	30.25525	30.23	30.26683	4	3	1	55526.61	210749.1	177325.9
298.6359	29.23517	29.19333	29.31467	6	1	5	306694.6	464925.5	853867.6
345.1773	20.15033	20.10567	20.25267	5	2	3	142601.8	264208.6	232561
327.6486	32.20633	32.146	32.20817	3	0	3	49697.01	36204.92	52953.96
255.5825	23.181	23.167	23.19583	7	2	5	267396.3	542406.6	875182.3
1724.739	9.487708	9.43065	9.584433	6	3	3	34531536	6753436	11776168
386.0627	29.24233	29.19917	29.3435	5	1	4	93060.66	116100.4	252758.2
322.2857	23.00417	22.9685	23.035	5	1	4	49878.87	47747.48	77313.3
334.1302	10.99651	10.89338	11.14915	4	1	3	101608.4	102458.5	101355.1
535.9021	44.03	44.01133	44.0585	10	5	5	1364052	16349940	3254380
639.2992	26.06483	26.02683	26.08883	3	0	3	186723.5	11145.89	5347.601
267.1958	27.20558	27.191	27.252	4	0	4	5944670	26722632	29156623
436.7272	2.100667	2.06535	2.2699	3	0	3	96214.73	0	0
483.0247	22.943	22.938	23.02483	3	3	0	117230	391083.4	395140
554.758	30.957	30.9325	31.07967	4	3	1	78318.76	226886.4	189288.5
471.9452	22.136	22.09383	22.1735	5	1	4	110559.3	350129.2	573892.5
537.3521	26.4245	26.36383	26.45817	4	0	4	13778590	8613.668	8574.694
624.4566	43.45533	43.44033	43.4725	10	5	5	817954.2	9857917	2300355
396.5636	29.163	29.12633	29.19683	5	0	5	83546.39	131534.6	270218.5
683.3752	19.912	19.89267	20.02417	3	0	3	185015.9	12318.3	10040.63
297.019	29.6275	29.57833	29.65167	5	1	4	58509.82	106136.7	207169
230.0239	22.034	22.022	22.07867	3	0	3	260023.1	245578.1	256668.1
877.6664	44.62175	44.58833	44.70217	10	5	5	676449.9	6132135	2196849
565.258	9.187083	9.101033	9.243133	3	3	0	2284965	4457110	4670506
385.5612	29.2425	29.22317	29.32917	6	1	5	272918.7	442478.7	962102.8
357.2756	13.0467	13.02208	13.12258	6	3	3	39613.93	77342.93	40779.18
1725.24	9.460417	9.3803	9.55075	5	2	3	40498600	7569728	13697269
324.2902	12.49137	12.45115	12.50232	6	2	4	78957.44	108758	131375.4
321.2129	33.28867	33.08433	33.30617	5	0	4	729206.4	144721	114734.7
442.9919	22.9815	22.928	23.01033	5	5	0	94774.13	307435.9	320684.4
310.636	29.14717	29.1185	29.2115	6	1	5	146523	242037.6	410294
719.7916	10.66473	10.63273	10.77118	7	2	5	504079.6	561589.8	583295.6
294.2243	28.1175	28.02967	28.208	5	1	4	21724404	96542732	1.09E+08
813.2223	22.9685	22.94583	22.97483	3	0	3	75383.09	1855.179	4148.307
354.1368	26.346	26.28233	26.35667	5	0	5	50712.19	110521.9	158262
317.0673	28.10267	28.02967	28.1905	3	0	3	35878.41	86891.19	57900.93
464.9084	18.12033	18.00167	18.22	7	2	4	179984.5	644240.9	764173.9

496.4211	37.82175	37.794	37.8535	4	3	1	77436.26	286086.2	88175.92
463.8066	2.11085	2.052283	2.114383	3	0	3	566682.2	0	0
513.2799	11.17266	11.1232	11.27893	4	1	3	1325386	33557.68	27254.31
275.6336	30.98217	30.94733	31.07383	9	4	5	1046047	2500089	4835522
628.3547	10.37991	10.36155	10.41848	6	1	5	4930913	1694045	2526342
473.1631	33.125	33.10517	33.17183	3	0	3	54768.4	574556.4	318232.4
382.2227	33.42333	33.4195	33.43533	3	0	3	189709.8	275134.3	116757.8
564.2072	28.34517	28.31117	28.48133	7	5	2	147576.2	597494.5	619025.1
374.2714	28.92183	28.907	28.95917	9	4	5	119250.6	299739.6	307058.5
783.3319	27.939	27.91167	27.95433	3	0	3	373318.3	3410.476	4714.612
220.0394	2.7754	2.767483	2.85205	3	0	3	483598.4	334128.6	60187.54
644.951	30.74767	30.48833	30.84967	5	1	4	127542.4	298231.3	635831.2
249.0659	18.15675	18.0745	18.17483	4	4	0	40271.52	174359.6	130918.9
646.9279	38.13875	38.09733	38.21533	4	1	3	88271.63	45688.77	93830.51
388.1403	42.48817	42.44567	42.636	3	0	3	54797.9	3250.831	3519.865
467.1155	22.74792	22.73233	22.81333	4	1	3	75561.92	33437.13	45525.25
317.1209	25.689	25.64683	25.7215	7	5	2	525201.3	2066429	1970933
288.1353	29.14033	29.1185	29.2115	7	2	5	352530	919141.6	1569796
408.5637	29.257	29.228	29.32917	5	1	4	248846.4	217075.5	484087.6
391.2962	13.83905	13.76993	13.93213	10	5	5	1827784	5455174	6275006
370.5482	26.2395	26.22317	26.30383	5	1	4	99646.44	101853.5	208852.8
345.0457	12.02803	12.01362	12.23855	3	0	3	98319.64	7857.049	11471.14
351.0981	29.228	29.21333	29.29983	5	1	4	86166.62	175432.7	242000.6
304.6293	29.21367	29.18517	29.26133	7	4	3	152338.4	570314.7	526135.5
359.0614	14.2308	14.19772	14.2638	3	0	3	432930.9	36041.25	66587.05
489.362	29.98858	29.951	30.01183	10	5	5	250758.5	2509529	520876.1
250.0866	39.433	39.34067	39.45417	10	5	5	85395.05	770895.1	224109.4
268.1992	27.2235	27.20017	27.252	4	0	4	784367.8	2442856	2717410
223.097	17.13325	17.02267	17.19717	10	5	5	3982680	18609098	18424713
696.3665	31.3185	31.31517	31.32883	3	0	3	66496	78388.21	20365.78
595.4074	10.00425	9.93755	10.02258	5	3	2	892753.5	237751.1	243762.9
177.0549	17.14017	17.03717	17.19717	10	5	5	4284314	22751080	22335327
580.9315	43.73517	43.68867	43.76917	10	5	5	172584	1717825	371330.1
434.3845	26.34067	26.308	26.374	5	2	3	35733.41	46410.75	39730.88
579.427	43.738	43.7325	43.76917	10	5	5	3180776	39482142	10778975
571.9169	43.74333	43.71783	43.78433	9	5	4	140049.2	1254560	244349.5
621.5703	8.76595	8.51555	8.808367	3	3	0	454695.8	568591.5	683267.9
392.2994	13.83913	13.77598	13.91533	8	4	4	383372	1003978	1155499
655.2785	27.67733	27.66933	27.74317	3	0	3	117812.3	13147.13	8998.479
579.1184	38.88283	38.85333	38.91067	3	0	3	38649.26	1864.126	2552.84
469.0616	25.52875	25.49183	25.5365	4	0	4	57948.38	65842.72	134008.9
598.4534	30.56958	30.562	30.57583	4	1	3	39916.15	42964.45	56913.18
867.3626	10.65001	10.63273	10.66922	4	0	4	472216.5	351468.4	371202.2
967.7268	44.33667	44.27733	44.65617	8	3	4	57196.09	329975.9	171415.1
434.9133	18.15833	18.047	18.19067	6	2	4	308234.4	943057.7	1293268
491.2992	27.15533	27.05833	27.186	4	0	4	54815.73	30905.58	6698.434
383.1563	33.15733	33.13983	33.1865	3	0	3	149312.2	220892	127733.1

460.1965	25.30192	25.28633	25.34183	4	0	4	2379173	37269.14	13405.87
748.2071	30.90067	30.86367	30.9455	4	1	3	54660.73	63050.95	79105.37
610.3864	24.52925	24.50683	24.56467	4	0	4	3349872	44187.99	22672.4
184.0735	30.96558	30.943	31.2865	8	5	2	186906.9	1684410	1024574
321.2279	18.28908	18.268	18.3265	8	4	4	62630.25	128748	76572.08
437.2732	19.80267	19.77133	19.81917	3	3	0	192505.6	690350.4	802229
363.1877	20.84625	20.82183	20.8615	4	0	4	176041.1	177283.7	71786.41
424.3094	44.91508	44.669	44.97467	10	5	5	59824.35	678887.6	155191.3
156.9949	21.69342	21.54233	21.7275	4	1	3	42649.42	76700.88	97070.34
254.9651	4.083433	3.980533	4.168433	3	0	3	1048819	1881065	2311249
472.3403	29.64442	29.56383	29.66617	4	3	1	56352.93	259007.6	131416.9
560.9031	28.92183	28.8925	29.064	9	4	5	224913.1	500558.5	429553
688.5427	38.8975	38.8755	38.89767	3	0	3	140823.8	104352.1	29449.16
744.8759	30.79183	30.79167	30.86417	3	0	3	76567.09	115401.6	254157.9
255.1571	17.05383	17.01983	17.06667	5	3	2	130000.2	487516.3	211635.4
589.3897	43.60117	43.563	43.6335	9	4	5	238450.5	921005.8	926475.8
334.0742	24.6015	24.57683	24.61617	4	1	3	48959.93	39349.91	75873.64
422.3998	38.07642	38.0535	38.25133	10	5	5	1419247	7583565	5747682
417.2734	27.87783	27.83583	27.89383	3	0	3	64719.97	15821.76	10981.77
745.5379	18.69017	18.641	18.69367	7	5	2	888355.7	2109601	2243287
436.3089	32.615	32.54567	32.656	9	4	5	202202.6	1638436	978020.4
418.1318	26.297	26.23883	26.34133	7	2	5	178983.8	286832.2	459880.3
759.355	29.05867	29.0215	29.0645	3	0	3	112974.7	20854.54	9587.756
827.9251	8.75955	8.497367	8.808367	4	4	0	259980	469882.2	535571.7
430.2076	43.61033	43.578	43.63067	4	1	3	90726.21	615072.2	149844.4
311.6337	29.12633	29.111	29.2115	9	4	5	2246805	6273730	10419027
235.0693	23.17025	23.10367	23.19433	8	3	5	647625.4	1333122	2063954
534.2408	23.58533	23.56067	23.6005	4	0	4	4459598	7402.759	8317.396
318.1381	30.23533	30.23033	30.24433	3	3	0	22376.34	50549.06	55031.13
394.1624	26.353	26.31167	26.37133	5	2	3	61530.3	317999.5	113522.5
888.6634	36.61667	36.49917	36.73167	7	2	3	95217.32	168251.2	214481.8
504.1307	10.7167	10.6789	10.76465	3	3	0	392321.3	580802.7	367092.4
828.4158	9.700183	9.65795	9.7372	5	1	4	3697476	403704.1	758298.5
800.0604	42.5005	42.45383	42.5495	9	4	5	168907.5	1274120	510252.7
376.0847	17.0075	16.97933	17.03183	3	0	3	35411.12	9360.273	8357.707
451.3284	8.933233	8.78305	9.028917	5	3	2	3729873	15368501	13212964
384.5637	31.00133	30.979	31.07383	6	1	5	310874	709068.4	1573165
287.8893	17.78083	17.327	17.9575	8	4	2	5212865	33302748	56230988
306.6207	30.82067	30.74683	30.84933	5	1	4	233959.1	197521.9	373773.5
480.3024	22.85933	22.84267	22.87467	3	0	3	58302.48	115964.7	67144.82
784.3355	27.939	27.927	27.95433	3	0	3	175085.4	2101.028	3021.091
515.2564	9.187083	9.101033	9.231383	3	3	0	1491274	3060880	2824941
652.2938	29.1255	29.09717	29.22633	9	5	4	266938.6	1048606	923261.5
675.4209	9.526183	9.463983	9.596683	8	5	3	10710675	16904851	15926936
384.9164	8.7936	8.551733	8.8441	5	4	1	87801.87	196922.3	117518.8
675.3459	32.80083	32.7855	32.80717	3	0	3	42969.24	13660.9	6294.373
727.3902	21.00667	20.98867	21.0485	3	0	3	54910.08	6894.158	5137.976

526.0179	30.777	30.48833	30.83517	5	1	4	328236.9	889607.8	1940058
435.148	9.173983	9.0693	9.21955	3	3	0	596786.5	907345.1	1014821
576.0992	22.36267	22.31133	22.38517	3	0	3	82783.15	39148.39	51783.99
833.6404	44.79192	44.76633	44.876	10	5	5	643014.9	5492470	1528698
422.1113	30.777	30.51683	30.83517	5	1	4	121105.6	347954.6	629729.2
946.0427	30.97975	30.93567	31.0825	4	1	3	59904.81	59097	132144.9
196.1123	11.66581	11.64133	11.74457	4	1	3	64459.46	130836.3	168094.8
790.59	36.89933	36.8225	36.932	5	2	3	485582	1071442	766027.4
235.5709	23.18142	23.16633	23.1945	6	2	4	156377.7	241739.5	426464.5
500.578	30.99333	30.93717	31.0595	7	4	3	46540.01	298425.6	184283.9
452.8504	40.9585	40.89067	40.97017	3	0	3	278782.3	66716.73	64390.33
1385.486	9.460417	9.013033	9.584433	9	4	4	83615648	23090682	40142449
1386.488	9.463983	9.365883	9.584433	7	4	3	44607660	11743631	20665514
726.9096	31.31433	31.301	31.34333	3	0	3	110056.8	2965.039	6630.029
290.2152	33.5255	33.434	33.59367	5	2	3	91959.5	643650.9	465030.1
740.8812	30.79142	30.73283	30.8785	4	0	4	55427.92	48022.82	107382.3
246.8624	2.535217	2.471067	2.665583	5	0	5	1250749	354138.2	128017.8
700.1866	31.00133	30.95017	31.07383	6	1	5	102214.3	201062.9	375185.4
568.2019	28.34517	28.33317	28.36683	3	3	0	66210.9	190291	211509.6
838.8645	18.13517	18.047	18.16983	4	0	4	57570.76	56703.07	95703.81
368.1973	13.79017	13.76793	13.79247	3	0	3	187297.1	145352.5	118015.1
630.2758	32.102	32.05883	32.17667	8	5	3	675667.8	3973284	4206751
410.2344	20.21583	20.19533	20.35917	3	0	3	285619.7	279997	181251
1725.741	9.455083	9.43065	9.55075	4	1	3	28583514	5445674	8154879
317.2118	25.73867	25.7145	25.76983	4	1	3	411575.8	829813.8	757392.2
708.5487	10.20198	9.970683	10.22823	7	3	4	146187.3	182838.2	180433.3
447.0092	18.17383	18.1395	18.17483	3	3	0	21199.24	71645.96	45147.66
364.798	2.40765	2.269767	2.535217	4	0	4	292890.1	17278.21	7034.181
460.3428	31.61592	31.54817	31.749	6	3	3	36346.7	170070.2	106726.3
652.196	25.949	25.92467	25.975	3	0	3	76794.05	4821.962	7018.105
647.2652	32.08783	32.07183	32.117	3	3	0	82987.73	367927.9	438319.6
564.389	32.798	32.68217	32.88433	5	1	4	119198.8	202883.9	62799.63
466.1258	37.41983	37.38683	37.43867	3	3	0	25491.32	127100.2	74804.42
759.3409	29.074	29.0645	29.09233	3	0	3	91231.69	9565.934	15150.98
779.2617	41.19308	41.16333	41.25083	8	3	5	159140.6	219396.1	188986.6
340.1172	9.549717	9.50195	9.59295	4	3	1	8987527	1327177	608592.6
693.4032	33.17183	33.17183	33.23217	3	0	3	72414.86	17920.65	7899.897
378.2184	17.24242	17.23833	17.25317	4	0	4	6315743	459399.1	154970.7
401.0309	18.09983	17.97233	18.14683	4	1	3	56160.79	126983.5	167162.4
432.2019	20.26167	20.255	20.3885	3	0	3	662624.4	68069.37	51060.69
411.168	23.55933	23.54633	23.56133	3	0	3	56570.94	40466.37	24697.74
397.5607	29.14083	29.12067	29.22633	5	1	4	95463.11	152891.7	326103.1
397.7889	10.41907	10.40455	10.45412	6	2	4	172087.8	320752.9	387342.7
350.6037	30.89283	30.84933	30.95983	5	1	4	190667.7	335117.2	733192.4
447.2575	23.1315	23.10367	23.18183	6	4	2	56272.1	271457.4	184270.5
177.7406	17.11983	17.03717	17.1305	3	0	3	19610.85	10888.02	15816.91
945.5566	43.60167	43.57467	43.646	7	2	5	133347.6	230319.2	298310

1055.778	44.01917	43.99683	44.119	5	1	4	82549.29	396665.2	199362
740.5528	43.38133	43.37083	43.39717	5	4	1	41851.18	334132	81250.41
375.2539	25.70417	25.70083	25.801	3	0	3	75524.45	15018.12	31216.64
604.2931	29.1255	29.09717	29.163	7	5	2	189494	640492.7	603334.6
536.3487	26.43175	26.36383	26.45817	4	0	4	37467436	232251.7	95277.38
361.2174	10.67933	10.62815	10.75237	8	4	4	454235.1	1706365	1945199
270.2149	25.50667	25.50317	25.5215	3	0	3	53340.1	62896.67	74779.15
510.3725	32.25108	32.2365	32.283	6	2	4	118172.8	327398.1	151651.9
347.1308	13.02205	12.9761	13.06607	3	3	0	40561.79	133760.2	107647.7
558.2533	30.95517	30.9495	30.96167	4	4	0	64671.11	225075.9	220684.1
847.6851	10.18593	9.946617	10.24898	6	1	5	304797.6	87065.64	74788.85
659.4931	34.32025	34.25933	34.371	10	5	5	109751.1	450500.1	270126.8
433.2837	8.87615	8.659567	8.919083	3	3	0	147206.2	456162.7	401660
345.1519	32.1595	32.13533	32.175	6	4	2	352373.2	1591337	1612741
324.5983	30.9935	30.96517	31.088	5	1	4	44613.87	72491	159448.9
384.7724	8.57005	8.5321	8.668683	5	3	2	221073.8	1493942	915242.7
640.9556	30.80633	30.73283	30.82083	3	0	3	58629.59	50429.32	112763.4
1384.985	9.460417	9.3803	9.64025	7	2	4	46696188	13519880	24229433
516.3323	42.63017	42.57867	42.6495	6	3	3	36895.97	126801.3	50694.59
632.2728	32.10017	32.05883	32.19133	7	5	2	372483.6	2028688	2196959
331.0309	10.87884	10.74052	10.9508	4	0	4	781463.3	63796.06	64563.44
195.0921	10.95518	10.86645	11.00872	3	0	3	8495932	2582815	2807143
916.5738	9.57085	9.5169	9.584867	4	1	3	1588549	836057.8	1230768
561.405	28.94	28.8925	29.0175	8	5	3	156813.6	341722.5	297012.6
349.2163	9.529408	9.444983	9.5571	6	2	4	2993107	2374526	2788453
485.0928	21.765	21.63133	21.76967	3	0	3	82470.27	20314.93	28823.19
454.3893	35.18292	35.1325	35.21983	6	1	5	160171	179426.9	340542.8
1386.989	9.489492	9.416233	9.5558	6	3	3	21398732	5995921	10889073
594.0919	28.03317	28.0155	28.07317	3	0	3	52658.27	3704.599	3729.283
444.9906	22.99133	22.928	23.02483	3	3	0	55897.57	165130.7	181783.7
327.5648	26.13592	26.12217	26.23333	4	1	3	40454.88	11585.75	25906.52
658.4478	34.71883	34.6085	34.74033	5	2	3	44614.57	236010.6	31155.25
752.8931	22.76842	22.73267	22.80117	4	1	3	69397.55	32008.06	64291.7
664.4303	38.0665	38.0225	38.1425	4	4	0	27581.54	116437.5	96027.35
1384.487	9.474117	9.43065	9.577883	5	1	4	4674204	1349600	2404492
711.506	42.95017	42.92583	42.99867	10	5	5	1272575	13736425	4033920
755.1296	9.537367	9.534967	9.560017	3	0	3	2659740	524718.7	916344.5
366.1354	25.31417	25.28633	25.327	3	0	3	812282.1	11917.48	12689.28
746.968	10.01907	9.9111	10.03047	6	2	4	545951	202527.6	332026.9
611.3899	24.51533	24.50683	24.54767	4	0	4	1276233	14606.74	9673.716
446.1194	37.43483	37.36567	37.50283	7	4	3	58128.97	521686.7	293012.2
668.2457	30.238	30.23533	30.24533	3	3	0	59030.21	190611.9	232101.1
558.3499	11.13852	11.1232	11.26877	3	0	3	193181.4	67014.07	79377.06
505.059	41.73483	41.58467	41.76183	7	5	2	25784.04	195450.6	153641.4
705.5736	11.60939	11.60367	11.62902	4	1	3	89928.33	41943.51	55357.99
284.0989	15.84883	15.81567	15.90678	4	1	3	33870.5	61903.52	94389.64
289.1802	33.2885	33.26167	33.28867	3	0	3	81120.03	334600.1	247066.6

387.1429	41.193	41.178	41.23617	7	3	4	145198.7	159025.3	170183.3
503.9347	18.155	18.10567	18.22	5	1	4	92005.49	308053.3	428225.9
518.3381	24.38808	24.37383	24.66167	4	0	3	3622459	153316.1	36486.14
311.5417	30.41683	30.34733	30.4565	7	3	4	42617.6	80992.84	77403.03
448.0354	32.20817	32.107	32.2365	3	0	3	91654.68	102442.6	229068.5
452.9796	17.14817	17.08033	17.1685	5	1	4	71449.91	111437.1	219242.8
650.466	43.61275	43.57267	43.64917	4	1	3	31779.81	35525.36	37096.32
305.6287	29.20683	29.18517	29.286	6	5	1	100062	335355.5	327679.5
251.0707	27.44817	27.32817	27.472	5	2	3	51189.24	198704.3	132570
201.0467	16.19033	16.16553	16.2049	7	2	5	231862.7	1698312	1534946
294.215	29.52367	29.477	29.53883	5	0	5	258459.4	669194.7	638057.5
503.2677	44.00667	43.98483	44.04317	5	1	4	39386.69	116617.3	24554.42
848.5162	9.982717	9.924317	9.991583	3	0	3	373898.4	112763.6	176910.1
438.2393	12.27682	12.25707	12.39008	4	0	4	15282463	84483.03	60953.62
540.0474	30.77708	30.74683	30.82083	4	0	4	61486.4	105822	228274.1
1045.233	9.482133	9.444983	9.599283	6	3	3	20702920	8352070	14959433
634.2708	32.087	32.05883	32.1315	5	5	0	237375.3	1199154	1321310
539.3845	42.49317	42.46683	42.5495	10	5	5	92900.56	785029.9	116896.4
379.2217	17.24925	17.225	17.25317	4	0	4	1563747	58053.88	31884.45
276.2042	35.616	35.574	35.666	4	0	4	132123.1	455549.1	86839.86
558.4732	33.71692	33.6795	33.82533	10	5	5	124478.8	493523.4	290927.3
502.3482	32.40933	32.34217	32.44333	7	2	5	162273.2	1114126	556566.7
508.9415	32.11825	32.07267	32.146	4	1	3	78379.05	48410.43	108249
307.119	30.828	30.71867	30.86367	4	1	3	98297.77	47588.41	96904.39
405.3118	15.49358	15.4711	15.51292	6	2	4	58585.3	128410.6	135522.4
162.9737	3.963658	3.78935	4.054217	4	3	1	396388	3724115	4281763
532.3851	29.98208	29.951	29.992	10	5	5	1705277	17685120	3533682
720.7834	10.66703	10.61858	10.77118	6	1	5	215330.4	191910.7	302711.2
487.084	32.15042	32.10233	32.21717	4	1	3	36094.5	42185.91	76522.2
350.2234	17.56633	17.5605	17.57467	3	0	3	2379348	308976.5	114180.5
609.0329	10.00425	9.9505	10.04445	5	3	2	436559.6	161431.6	222433.6
487.1884	19.95667	19.95417	20.05783	3	0	3	520509.3	65846.07	27347.68
440.9953	22.96783	22.943	23.02483	5	5	0	169536	648464.3	601110
312.0299	29.19475	29.17833	29.2705	6	1	5	92438.62	244995.6	424321.1
345.2402	35.042	35.02583	35.08833	3	0	3	97769.34	223136.5	88414.41
535.2439	23.58533	23.56067	23.6005	4	0	4	1652251	11611.97	6528.468
290.6282	29.23517	29.19917	29.31467	6	2	4	282774.2	513487.3	1019556
362.9837	18.15242	18.10567	18.19067	6	2	4	237945	596795.2	891113.2
456.2944	21.3145	21.18233	21.3215	3	0	3	58064.64	27914.36	5501.829
442.2493	21.43067	21.37017	21.46383	3	0	3	75924.55	46904.06	33343.3
550.328	23.34425	23.3375	23.369	4	0	4	2903430	263443.5	139557.4
1387.489	9.4622	9.416233	9.537367	4	1	3	10491251	2984663	4664596
1048.233	9.455275	9.43065	9.537367	4	1	3	18190100	6730663	8857544
653.2969	29.111	29.09717	29.1395	5	5	0	100989	283648.2	307653.1
591.263	30.94733	30.922	31.06583	7	5	2	183042.8	941170.1	822195.5
340.1058	32.13617	32.07333	32.19133	3	0	3	86448.99	117468	242747.7
333.3194	37.04267	36.93267	37.14033	4	0	4	231556.5	171014.5	126468.6

264.8729	2.109508	2.004783	2.26245	4	0	4	261927.3	0	0
684.5211	38.77433	38.76517	38.78	3	0	3	31609.41	16972.2	6666.769
472.1711	33.134	33.10517	33.1865	4	0	4	188135.7	190622.4	119746.7
441.2323	10.66594	10.58428	10.75237	10	5	5	10942902	17198879	27734707
415.2334	23.1955	23.08917	23.196	5	3	2	9654633	3501893	4348475
830.55	31.55667	31.542	31.586	6	3	3	73775.68	222065.8	184995.1
456.25	9.866317	9.845267	9.869583	3	0	3	455790.1	450871.4	622853.7
910.462	32.07183	32.05883	32.10267	3	3	0	67070.98	292607.8	361885.4
300.6448	30.90725	30.80183	30.95983	10	5	5	649291.4	1793754	3172751
544.3046	20.01958	20.00517	20.0975	4	3	1	45509.99	135196.6	87649.77
368.2339	12.99368	12.9347	13.06838	3	0	3	4133082	285762.2	283216.3
585.273	32.05883	32.05683	32.10267	3	3	0	88135.13	506988.4	569461.2
218.8674	2.229775	2.045917	2.4681	4	0	3	144634.9	0	0
318.064	28.05833	28.02967	28.176	3	0	3	31381.86	19218.33	29365.88
330.5008	28.21825	28.14683	28.26817	4	0	4	186484.2	479722	203776.3
498.3649	8.894167	8.7127	8.9755	7	5	2	2153199	5557524	4370876
920.5985	43.58875	43.563	43.602	8	3	5	289202.3	995191.4	1248152
576.369	8.767808	8.551733	8.85675	4	3	1	64474.86	162206	192678.7
402.7926	34.05633	34.0315	34.083	6	2	4	53254.07	41047.02	46431.31
542.0421	30.777	30.74683	30.7775	3	0	3	38295.57	30247.15	67634.68
1385.987	9.515	9.3803	9.64025	9	4	4	71058184	20774003	36316952
422.5611	29.24267	29.2275	29.3435	5	1	4	123955.8	103370.2	220913.4
454.4561	9.20005	9.048233	9.322017	7	2	4	3118812	2648386	2139326
203.1645	22.09	22.00767	22.12217	6	2	4	143126.4	241025	249117
664.1961	26.40683	26.36383	26.42867	3	0	3	76727.18	4206.514	3461.671
368.2254	17.52083	17.51667	17.529	3	0	3	177255.4	113684.2	54388.83
512.0189	22.99308	22.97683	23.01883	4	1	3	135650.3	62415.62	87516.33
652.2948	24.38867	24.34267	24.40483	3	0	3	54469.91	6761.692	4002.183
551.0782	31.32883	31.301	31.34333	3	0	3	175743.5	4752	4387.886
524.3349	32.59317	32.5745	32.66733	4	3	1	72631.38	392021	293997.2
364.1577	25.50492	25.40633	25.52567	6	1	5	148048.8	437667.1	218205.5
848.6589	39.243	39.12383	39.294	6	1	5	289371.3	44318.7	64403.67
514.317	23.19433	23.09983	23.22467	9	5	4	91932.16	522024.9	334813.7
376.1213	27.22633	27.186	27.30167	5	1	4	25733.28	32934.74	47039.02
283.0486	14.20512	14.13205	14.2452	3	0	3	40255.32	56510.17	47673.94
333.1022	22.12717	22.04383	22.15067	5	2	3	112245.5	119208.6	160008.3
185.0517	20.773	20.7305	20.78783	7	2	5	145772.5	297758.4	178402.3
547.0017	38.13875	38.1085	38.21533	6	1	5	135033.7	153961.6	328652.7
551.3312	23.344	23.3375	23.35433	3	0	3	947427.4	49890.61	21377.42
367.1895	38.12117	38.08367	38.21533	8	3	5	151471.3	606909.6	562657.4
472.3355	29.999	29.97167	30.10267	9	4	5	55460.32	376456.6	76108.94
515.1368	23.17692	23.10367	23.20917	10	5	5	2039539	5091977	8395926
459.0275	29.257	29.21333	29.32917	5	1	4	151953.1	148939.1	331115.2
668.4827	43.2015	43.1835	43.21983	10	5	5	658038.3	8836660	2511601
445.0831	18.11917	18.08867	18.155	4	1	3	87341.05	327567.8	223016.7
509.3207	22.47083	22.4575	22.5025	3	0	3	372574.3	46105.79	21288.34
388.254	8.7936	8.533633	8.8189	3	3	0	208312.1	1064229	1038436

481.817	2.100092	2.08055	2.316883	4	1	3	1118396	131523.3	294095
550.2773	28.48908	28.43983	28.52317	4	1	3	40178.2	127646.6	38853.95
470.3641	44.47483	44.44017	44.54117	9	5	4	77167.74	872700	132776.5
483.1686	18.9225	18.8935	18.92333	3	0	3	175114.3	291150.9	425539.6
575.0329	43.4695	43.4555	43.64533	3	0	3	225385.8	203994.6	346167.9
316.0639	26.30525	26.22433	26.3655	6	1	4	59368.26	50910.4	90787.66
465.1279	37.4255	37.38067	37.47667	9	5	4	109349.5	911744.5	414102.3
403.1798	31.32192	31.31433	31.33233	4	0	4	66927.75	144859.8	61804.87
401.1643	20.97783	20.94567	21.03617	4	4	0	117695.8	827247.5	384272.8
324.2075	12.52312	12.42927	12.58605	3	0	3	190264.3	138975.1	49433.57
505.2352	21.64283	21.513	21.66917	3	0	3	71975.46	19627.2	6823.496
681.5199	9.526183	9.459367	9.596683	8	5	3	6.31E+08	1.06E+09	1.02E+09
746.2286	41.20067	41.16317	41.27983	6	5	1	137318.6	513651.2	552103.1
414.0306	25.67917	25.64683	25.7215	8	3	5	3425371	8488732	18519471
710.3661	8.725467	8.497367	8.766417	3	3	0	380059.5	456136.3	558460.9
818.4543	34.85817	34.82517	34.9395	3	3	0	25701.89	85289.39	48976.38
428.2701	27.069	27.0585	27.08883	4	0	4	1227147	74668.08	61636.74
702.5371	37.06383	37.04317	37.173	5	2	3	831194.8	1363278	937231.3
926.5899	43.58717	43.573	43.63033	5	2	3	65153.58	190132.3	144979.8
424.2236	13.62485	13.56747	13.642	3	0	3	443812.3	439165.8	578693.6
329.3248	41.85308	41.81767	41.91867	6	3	3	75149.21	360691.5	337947.4
412.815	9.748967	9.63195	9.77715	5	2	3	872417.1	145821.5	193142.2
475.1267	19.8525	19.83067	19.939	3	0	3	354030.2	12838.97	18758.02
277.6125	28.3975	28.35217	28.50817	6	2	4	51641.89	37031.8	52098.1
624.3293	16.93083	16.9215	16.94717	3	0	3	399025.1	21396.43	8638.38
481.8711	42.545	42.47767	42.59017	3	0	3	356853.1	81015.53	92332.39
289.6315	29.14467	29.08283	29.2115	6	2	4	73817.15	139146.2	240570.6
920.6895	44.46967	44.45517	44.537	10	5	5	1623154	13639021	6494043
599.231	26.9065	26.89817	26.922	3	0	3	109870.8	16498.6	16247.1
289.1147	20.773	20.7305	20.78767	7	2	5	106748	102182.2	104605.1
419.1352	28.13233	28.05933	28.16133	5	2	3	56739.27	83458.04	102653.7
417.1907	29.33083	29.32783	29.34667	3	0	3	370920.6	111421.5	46153.29
538.3554	26.42033	26.10283	26.45817	5	0	4	2489314	10302.11	6443.673
618.4682	13.86532	13.76062	13.93213	8	4	4	201801.1	563839.4	554656.1
610.9399	22.99008	22.9685	23.01883	4	1	3	221191.3	137287.7	220837.6
625.3692	21.586	21.513	21.62517	3	0	3	364238.3	25621.72	7841.735
377.1783	38.09867	38.08417	38.11483	3	3	0	52776.82	306257.4	208963.5
784.5795	43.2345	43.21833	43.26283	5	2	3	34363.5	269565.3	87263.95
321.1793	23.75133	23.74617	23.7695	3	0	3	519503.2	174221.6	153751.9
642.2296	29.20683	29.19983	29.23017	4	4	0	104240.2	480434.1	397952
318.7921	2.114383	2.08055	2.16115	3	0	3	424597.2	0	0
350.2028	20.75867	20.7015	20.77333	7	2	5	116317.8	253173.1	94099.75
459.2	11.0085	10.97327	11.1665	9	4	5	148360.8	280444.1	308231.9
378.2544	26.56017	26.556	26.58533	3	0	3	300617.6	52946.32	68457.82
610.4432	43.60225	43.5575	43.64917	8	2	5	83080.49	219582.6	70149.98
1157.796	43.60117	43.58783	43.64517	5	2	3	58259.01	94006.38	168787.9
298.1332	25.68275	25.59917	25.7215	8	5	3	96095.4	366130.8	397471.1

333.0679	37.0065	36.99267	37.03517	3	0	3	123914.6	2623.181	5865.611
432.0327	32.12658	32.0875	32.18783	4	1	3	79153.27	31015.14	66036.87
514.8919	44.16958	44.12483	44.21283	6	3	3	60935.26	598807.9	126105.8
387.2303	32.09025	32.04317	32.11683	4	0	4	151481.1	240835.6	187020.9
277.8106	30.85433	30.73283	30.88867	10	5	5	289540.5	1127262	1000971
395.1643	36.99142	36.97617	37.00783	4	0	4	975982.3	155234.2	82140.02
635.2662	26.40683	26.36383	26.4725	3	0	3	145680.3	32659.37	17297.43
351.2363	17.54583	17.38367	17.57467	5	1	4	555901.8	86114.12	9402.548
283.9969	9.540167	9.444983	9.64025	8	4	3	1276465	3701140	2683990
338.2414	25.77875	25.76133	25.801	4	0	4	90431.34	135578.5	61384.02
348.2075	21.473	21.37017	21.49317	3	0	3	1376970	612819.2	304509.8
389.0032	18.148	18.11817	18.19983	4	1	3	58792.64	96885.44	101140.6
1047.233	9.482133	9.43065	9.5558	6	3	3	1.38E+08	49489023	83203965
509.0561	26.01842	25.99217	26.0485	4	0	4	33509.29	31301.05	53806.96
693.4996	38.8755	38.85333	38.927	3	0	3	52295.72	11570.72	10027.87
519.3428	24.40133	24.37383	24.67683	5	0	4	1289312	72312.14	39226.7
378.1087	28.13217	28.05933	28.16133	5	2	3	89451.21	150400.5	203502.7
744.191	29.22075	29.16983	29.32917	8	3	5	1842437	4321439	7799969
563.8346	18.19017	18.18233	18.21483	3	0	3	43902.06	67701.15	102801.1
713.3491	31.3185	31.31433	31.32933	3	0	3	72857.73	6198.103	7130.589
610.3958	23.66267	23.6485	23.7235	5	2	3	118385.5	83191.06	102278.2
459.059	19.43283	19.316	19.43767	4	1	3	71490.08	21417.05	34103.78
720.1911	29.12633	29.08283	29.2115	7	2	5	533425.8	1441833	2395165
886.1274	29.14717	29.10367	29.22633	6	1	5	98061.73	168985.4	317272.6
734.0209	42.82975	42.79333	42.86617	10	5	5	648205.3	5930369	1809574
525.1389	41.27983	41.223	41.50217	3	0	3	172529.7	423614.2	265225.3
478.326	12.20198	12.15812	12.23855	7	3	4	62270.09	116978	93104.23
498.2966	12.10555	12.07067	12.22863	3	0	3	988990.9	28650.96	13335.08
263.0801	10.73325	10.55748	10.77893	3	0	3	193780.7	123736	75107.16
438.3697	12.7426	12.69693	12.85362	9	4	5	175351.3	234342.9	257653.7
276.1353	31.0085	30.96417	31.07383	7	2	5	235837	602983.9	905265.1
611.2785	9.548692	9.534967	9.626317	4	1	3	2613905	659077.1	973533.4
345.1176	19.97067	19.9635	20.09133	4	0	4	2112408	36680.87	22225.53
621.3203	8.711883	8.497367	8.794383	5	4	0	229181.4	409055.1	486863.1
1022.759	33.22183	33.18917	33.2765	4	1	3	100227.9	454704.2	574392.9
262.0732	21.779	21.75667	21.78433	3	0	3	69457.84	122947.3	61344.07
485.1832	27.14667	27.142	27.1805	3	0	3	122354	58223	33318.44
624.3656	21.586	21.4985	21.6105	3	0	3	1073360	159637.2	102767
532.7617	26.42033	26.36383	26.44317	3	0	3	163904.8	9535.26	4456.814
429.2733	27.07883	27.07317	27.08883	3	0	3	375576.1	15756.21	11370.63
474.9283	22.13625	22.09383	22.20633	4	0	4	94356.62	275556.7	469420.6
331.5959	29.80517	29.78167	29.88483	5	1	4	116275	220312.3	465330.2
496.3643	15.68955	15.5742	15.69923	5	1	4	59447.37	138928.9	125581.5
574.2357	24.85917	24.853	24.88917	3	0	3	480300.9	11988.91	14728.16
286.2249	38.90575	38.88283	38.92717	4	0	4	58341.53	176381	47010.11
683.643	9.526183	9.473767	9.596683	8	5	3	10494681	18063703	15470440
387.0784	30.48833	30.38217	30.51183	5	3	2	644861.1	3015727	3226418

620.438	29.91892	29.89017	29.9285	10	5	5	2545462	25838814	4987790
631.2782	32.08725	32.05883	32.14633	4	4	0	186743.3	963625.1	1117021
281.6336	29.80333	29.76467	29.88483	7	2	5	386074	983416.9	1827971
790.6173	37.39983	37.38033	37.50283	5	0	5	236874.6	308208.3	106361.4
483.3177	9.15355	8.817733	9.236417	5	2	3	2343883	622410.8	476435.2
282.1353	29.8005	29.79033	29.91383	6	2	4	93490.84	183803.6	347329
535.3363	24.22833	24.16583	24.34483	5	2	3	232555.9	92319.04	96057.72
904.695	40.942	40.92133	40.95333	6	1	5	2683361	1065291	972990.1
271.0268	10.97963	10.83542	11.0617	3	0	3	127798.7	114418.9	176611.6
278.08	30.84967	30.73283	30.87583	9	5	4	122125.5	429017.5	417376.8
376.9514	30.78433	30.73283	30.83517	4	0	4	46650.39	113121.9	119586.9
316.6289	29.1255	29.111	29.163	5	4	1	79808.12	287605.2	273273.1
657.237	30.80633	30.474	30.861	7	2	4	1090278	1839696	3761103
430.2864	24.58308	24.5795	24.59133	4	0	4	2025540	93584.42	40281.94
414.1998	23.18817	23.17283	23.21	6	2	4	64086.87	227736.7	122940.6
621.444	8.7393	8.51555	8.76595	3	3	0	471346.3	625689.4	799643.4
257.9715	22.80408	22.76083	22.85067	10	5	5	1648834	3486086	3717404
1047.734	9.4622	9.3803	9.537367	6	3	3	50266404	19724974	32625451
689.9946	43.06933	43.034	43.10017	10	5	5	1276025	16512335	5045718
394.3344	18.92383	18.849	18.96767	3	0	3	13436735	51533716	49224068
599.3815	9.909908	9.895317	9.946383	4	1	3	345744.1	252257	255638.4
333.3916	37.05025	36.87067	37.06767	4	0	3	132847	522.7448	1168.893
905.6982	40.94383	40.87517	40.9675	5	0	5	1349124	474538.5	465976.7
661.5055	9.514858	9.253383	9.804217	10	4	4	12044148	15473586	15738406
583.4686	32.49567	32.41583	32.52367	4	1	3	37848.32	30778.62	38900.44
1046.231	9.515	9.43065	9.584433	7	4	3	3.39E+08	1.24E+08	2.27E+08
279.1389	22.123	22.08617	22.14467	4	4	0	59882.46	183131.5	82638.7
1011.751	44.15917	44.11483	44.2395	7	3	4	63339.52	362003.2	207285.2
499.2248	19.985	19.97167	20.10783	3	0	3	1451498	57935.88	29815.44
340.394	42.47675	42.43917	42.60733	10	5	5	70825.41	554359.3	129876.4
680.5162	9.515	9.459367	9.596683	9	5	4	2.97E+09	4.96E+09	4.45E+09
335.2059	38.86817	38.83883	38.88283	3	0	3	189314.1	166913	43951.41
320.27	23.01883	22.97417	23.04967	5	1	4	57952.72	69369.17	138426.8
742.1958	29.228	29.19917	29.31467	7	2	5	202381	429710.2	765682.4
779.204	30.24533	30.22083	30.33617	5	3	2	53573.07	183928.4	180928.2
693.2427	10.70767	10.70707	10.712	3	0	3	1106515	57798.11	75280.59
439.2426	12.2627	12.24235	12.39008	4	0	4	4272432	50325.07	34420.27
385.3312	43.993	43.92083	44.0145	4	3	1	146857.7	706244.6	743377.1
933.6478	9.391017	9.101033	9.460417	6	2	4	25417462	5613838	7247262
1045.73	9.518825	9.43065	9.584433	8	5	3	2.65E+08	1.07E+08	1.83E+08
316.0636	28.1175	28.04433	28.16133	5	1	4	261041.7	492026.3	683537.8
652.2564	32.08075	32.05683	32.11667	4	4	0	170284.3	911862.9	1182827
362.0977	29.14467	29.1255	29.2115	6	1	5	235065.4	418289.8	855976.9
351.0575	3.972267	3.83525	4.042867	3	3	0	453108	7907657	10258715
1046.732	9.518825	9.43065	9.584433	8	5	3	2.42E+08	97154891	1.67E+08
461.8654	40.99983	40.98783	41.02817	3	0	3	265842	36029.14	25568.1
456.3451	12.1935	12.05465	12.39008	9	4	5	240979.6	576528.5	458306.8

682.5243	9.546583	9.459367	9.596683	8	5	3	1.14E+08	1.04E+08	1.43E+08
258.6342	9.250667	9.101033	9.3081	5	4	1	1759520	3454256	3115457
318.2432	33.0405	32.97333	33.073	7	3	4	169289.1	1303981	669827.5
481.3391	9.799517	9.736067	9.848417	6	4	2	3171211	166150.5	69932.9
312.1353	29.12992	29.1255	29.2115	8	3	5	732223.3	1971265	3371772
617.4351	33.381	33.34	33.45267	7	4	3	282057.3	893636	881305.5
333.1751	10.01235	9.957467	10.05848	5	2	3	694779.6	234836.2	403035.5
333.4686	37.03783	36.93267	37.15533	3	0	3	54283.64	0	0
500.4012	29.5065	29.46233	29.54667	5	3	2	102018.9	114054.4	88593.01
343.175	13.82272	13.79633	13.98347	6	1	4	1188370	359643.4	358058.7
487.1296	37.8495	37.82733	37.93167	5	4	1	17240.56	70496.24	30130.99
677.3612	33.76533	33.7395	33.77733	3	0	3	33893.61	33208.16	27211.02
372.3116	28.22867	28.20033	28.24967	7	2	5	153284.9	943974.8	383038.7
1044.732	9.463983	9.43065	9.55075	5	2	3	13662828	4297941	7984951
484.1291	37.88917	37.8495	37.91883	10	5	5	87901.57	1107860	261368.4
425.3233	44.001	44	44.0145	3	3	0	100014.6	490926.6	546411.2
572.3127	12.63313	12.6302	12.73457	3	0	3	88071.63	16751.42	15475.57
497.1808	29.6365	29.57833	29.65167	7	2	5	118565.5	256276.4	402235.3
295.1492	31.01592	30.95017	31.07383	6	1	5	149479.2	354022.8	588654.4
516.1401	23.181	23.11833	23.20917	8	3	5	501046.7	1107943	1915911
362.1057	25.79883	25.72967	25.83017	5	1	4	175099.5	176314.2	351468
406.2855	31.4745	31.47167	31.5245	3	0	3	179305.7	108795.9	50001.05
279.0938	16.18315	16.14437	16.22193	10	5	5	4099297	7879691	5059012
727.5011	33.10567	33.04867	33.14283	6	3	3	73309.7	93133.26	112144.6
350.2232	21.253	21.1695	21.27833	4	0	4	6124667	208684	129520.9
562.2744	25.4315	25.37233	25.49633	4	0	4	393657.3	171316.4	64296.74
679.5133	9.515	9.459367	9.596683	9	5	4	7.47E+09	1.21E+10	1.1E+10
180.9515	3.801067	3.73085	4.024283	3	0	3	629177.6	288642.9	414136.8
396.1624	33.29142	33.25783	33.32083	6	2	4	183452.4	1302539	597146.2
336.8027	2.070625	2.032667	2.16115	4	0	4	246606	0	0
285.1862	10.70767	10.63273	10.75237	5	1	4	225799.5	495783.4	447374.2
708.4906	29.85583	29.82967	29.87017	10	5	5	2240124	21975880	4066627
585.1925	23.30442	23.26717	23.3685	6	1	5	78672.83	93672.7	204579.8
461.1777	24.26317	24.185	24.33283	5	5	0	87851.95	264409.8	297316.6
474.2852	23.128	23.09983	23.22367	6	4	2	44441.47	218092.1	142160.4
313.6924	8.930617	8.695117	8.96155	4	4	0	207015.8	281312.8	216713.3
348.5984	29.23517	29.19333	29.31467	6	1	5	151167.2	290250.1	610625.2
501.1761	29.64025	29.57833	29.71067	8	3	5	201728.2	497524.7	802376
768.9808	10.06338	9.93755	10.07255	5	1	4	612829.4	269474.2	424872.5
224.0633	31.553	31.47167	31.6325	5	3	2	57438.62	198181.5	128820.9
480.1576	37.42442	37.38067	37.47317	10	5	5	361430.3	2991485	1468068
651.3572	10.71447	10.67897	10.75237	4	1	3	907340.6	1461505	1513322
473.1351	10.66553	10.63755	10.77118	5	4	1	699641.6	1394542	1351095
474.2125	14.33282	14.33212	14.35518	3	0	3	469778.1	815884.3	1457839
471.1676	33.13367	33.09067	33.2025	4	0	4	750787.6	1012443	558429.6
923.6989	44.47233	44.40883	44.49933	6	3	3	47638.53	265015.7	166516.9
584.2697	32.10167	32.07183	32.19133	5	4	1	431889.1	2429224	2642965

323.4929	25.2765	25.2255	25.351	8	5	3	220688.2	921564	1202713
339.0742	15.42778	15.39283	15.45395	3	0	3	38606.03	56859.27	31935.18
446.2543	23.17692	23.10367	23.21	10	5	5	260317.5	1201355	788771.9
723.2097	32.1315	31.94183	32.20817	7	3	4	633209.6	1279348	2734403
259.9672	22.81358	22.76083	22.85733	8	4	4	166072	277518.8	293462.4
517.9505	22.12183	22.10867	22.16383	4	0	4	123225.8	374240.4	616742.4
792.439	33.68133	33.64533	33.757	10	5	5	55642.84	310405.3	131543.8
453.2605	18.54583	18.52133	18.56483	10	5	5	92320.73	278163.3	194393.6
416.0515	23.598	23.51717	23.66217	4	1	3	24872.15	32738.68	35965.43
304.2276	26.53817	26.48717	26.5875	4	1	3	40111.23	282412.2	142671.3
1030.257	9.441208	9.416233	9.537367	4	1	3	3183364	918267.5	1342877
392.0362	22.11867	22.08617	22.12267	3	3	0	52335.28	212157.7	110382.3
454.2241	21.85833	21.78383	21.88833	3	0	3	162689.5	28395.36	20669.7
613.0668	23.19075	23.16617	23.20917	4	0	4	45085.61	77801.11	143386.2
554.8994	28.00933	27.927	28.10383	5	1	4	46151.26	77955.43	55338.12
415.2464	21.57592	21.484	21.59667	4	3	1	5357479	799702.9	1023952
659.4682	43.20367	43.1835	43.2345	10	5	5	174739.5	1998290	543688
1493.032	42.73017	42.70617	42.7805	3	0	3	36830.27	72380.41	79899.7
682.2697	30.23183	30.22083	30.2605	3	3	0	36476.44	94330.06	99958.09
511.015	22.98525	22.9685	23.01883	6	2	4	922846.6	440981.4	619821.1
355.1098	31.77267	31.72517	31.868	5	1	4	77168.3	452761.6	351888.5
413.1963	23.181	23.10367	23.20917	9	4	5	262394.2	847667.1	1073630
717.0373	29.64692	29.57833	29.66617	4	1	3	72781.44	101362.7	204238
638.0212	33.1865	33.11033	33.1875	4	0	4	67247.05	69546.22	106456.9
325.5959	31.00108	30.979	31.07383	6	1	5	557249.5	1124742	2471577
780.1974	30.2605	30.22083	30.29	5	3	2	63571.4	292698.2	260762.5
667.4807	11.89058	11.82627	11.91327	6	3	3	110841.9	146141.4	193183.6
467.3487	17.14667	17.13017	17.20933	4	3	1	27761.01	97960.37	50291.47
628.8563	10.39228	10.34782	10.41848	4	1	3	16478637	1394894	2402251
827.0049	9.946733	9.845267	10.01642	4	1	3	351405.9	76845.89	108433
488.1918	19.95667	19.95417	20.00717	3	0	3	117947.9	20397.07	11689.81
431.2892	24.586	24.58017	24.59133	3	0	3	568631.6	57176.58	55170.02
268.3003	37.35267	37.30567	37.51767	8	4	4	27025.61	121692.9	43971.83
228.2325	10.06529	9.876817	10.10067	6	3	2	282063.3	447147.5	476413.7
328.5728	28.429	28.37133	28.47817	5	1	4	143955.1	87346.49	173839.6
299.6336	28.50125	28.48367	28.58283	6	2	4	904889.8	2527353	3973140
656.1382	28.3805	28.35217	28.47817	5	2	3	148548.8	162281.3	225174
449.162	29.98375	29.8685	30.1055	4	1	3	374763.4	1965171	2252815
436.2701	19.81275	19.78683	19.939	8	5	3	861538.9	3263592	4090738
292.629	29.111	29.08117	29.11167	3	3	0	52022.8	177400.5	192887.8
276.8968	2.10335	2.054783	2.323083	8	5	3	251068	693358.4	156523.7
550.0748	31.32867	31.301	31.35767	3	0	3	718055.1	7665.007	2938.362
339.2525	9.349892	9.317883	9.547767	4	1	3	2221487	2723735	1280814
396.1753	25.82975	25.81917	25.8665	4	3	1	104280.1	480168	287628.6
416.9028	18.15242	18.01617	18.18483	6	2	4	263895	859501.8	1140772
555.2873	26.71133	26.70683	26.74017	3	0	3	319672.9	71721.87	42998.09
384.5822	8.78185	8.551733	8.85025	6	4	2	166665.4	367144.1	205247.6

705.4768	9.4881	9.460417	9.5558	5	2	3	37482976	25997559	37439904
220.1992	22.1715	22.15883	22.18783	3	3	0	53734.7	176024.6	197648.3
341.1404	27.26708	27.186	27.28717	4	0	4	644364.8	47558	56918.4
722.2066	32.11892	32.059	32.20817	8	3	5	2030718	4525528	9091108
290.6102	28.4045	28.37133	28.46317	6	2	4	192080.8	226328.6	324689.1
519.1963	10.70763	10.4628	10.77118	4	1	3	512751.8	734953	836627.2
377.1052	26.30483	26.23333	26.34133	6	2	4	140496.8	210089.5	321282.3
462.9078	15.90678	15.84463	15.9394	5	1	4	168608.4	400335	784216.3
457.3382	8.767942	8.51555	8.8189	4	3	1	136291.6	476570.6	385667.6
446.5263	29.15083	29.12633	29.2115	4	0	4	87691.77	137148.8	297303.6
353.2423	19.27483	19.26017	19.30533	3	0	3	492019.7	87898.22	29166.46
412.0352	25.68033	25.64833	25.69883	6	1	5	384423.4	816379.3	1790197
849.018	9.991583	9.924317	9.992333	3	0	3	204208.3	126031.8	219860.9
444.9339	25.67642	25.66767	25.70383	6	1	5	143534.5	315885.9	692559
1180.73	9.899967	9.88085	9.91985	3	0	3	138274.2	77030.03	125306
773.5011	9.652592	9.188017	9.7372	10	3	4	12283450	2680248	3047625
630.2752	10.79328	10.7931	10.79782	3	0	3	423436.4	79172.63	129322.5
284.1291	26.23908	26.22317	26.31783	4	1	3	36483.14	51028.19	76940.51
378.228	28.53733	28.49317	28.59983	4	0	4	284825.1	1109094	355969.7
524.4467	34.44192	34.424	34.48167	8	3	5	384387.6	801477.3	813308.1
493.1466	30.95767	30.93717	31.07383	10	5	5	168213.7	1447253	650076.3
364.2386	24.00033	23.9735	24.02883	3	0	3	1645691	492173.3	141057.2
658.2405	30.79167	30.474	30.84967	6	1	4	374895	614482.7	1191597
278.6101	28.39517	28.36533	28.47817	7	2	5	917114.3	1453902	1997363
324.2253	19.01833	19.01117	19.02667	4	3	1	25976.23	128503.9	51673.93
310.192	14.90429	14.8622	14.92368	4	0	4	2203271	9669.577	8655.717
680.015	10.36217	10.1353	10.38373	8	3	5	12273537	17322505	21015832
395.1158	24.594	24.5795	24.61633	5	1	4	64578.04	104925	180192.3
673.2874	22.11533	22.1125	22.11583	3	3	0	122081.7	224195.5	285363.4
681.0705	8.7798	8.533633	8.808367	3	3	0	863315.1	1099633	1458489
709.4942	29.85917	29.82967	29.88483	10	5	5	893939.4	8077116	1644613
558.9183	43.88533	43.84967	43.946	10	5	5	180866.9	1513520	324270.1
617.1126	29.6515	29.593	29.695	5	1	4	58993.92	67972.79	137546.9
440.3319	28.23817	28.1175	28.3175	9	4	5	371682	1011302	406450.8
513.1415	23.181	23.1585	23.20917	5	1	4	88332.87	212447	350901.7
749.5836	12.39623	12.35018	12.50992	8	3	5	86641.1	174575.3	162046.1
362.7447	9.520758	9.4881	9.584433	4	3	1	2816470	4751536	4816275
310.0742	21.75667	21.6765	21.79333	5	0	5	127785.7	135516.2	166362.7
266.0928	12.74887	12.51493	12.85362	3	0	3	2093116	91610.13	51533.3
433.2606	23.1955	23.08917	23.196	3	3	0	88512.08	95783.17	77648.23
499.5651	30.9505	30.93717	31.07383	10	5	5	170733.6	1440646	649312
478.2708	21.2615	21.1695	21.2875	3	0	3	147834.4	265405.2	131187.3
537.3524	22.25817	22.21317	22.2965	3	0	3	490447	12885.42	14463.15
349.2254	27.52233	27.48933	27.547	5	3	2	363178.2	156900.3	154046.1
199.1696	25.609	25.56083	25.93383	7	3	3	188115.8	2377877	990972.9
267.211	33.17267	33.17183	33.2155	3	0	3	42786.48	306844.2	64499.47
1140.553	10.64958	10.599	10.77118	5	2	3	1192238	777876.9	649791.9

212.151	9.2651	9.168467	9.44975	3	0	3	41591636	36614.77	49451.79
281.166	30.83517	30.73283	30.90333	9	5	4	668046.4	2806507	2142928
265.1087	25.31417	25.30067	25.327	3	0	3	196811.2	68391.38	20361.74
320.176	23.76358	23.736	23.7695	4	0	4	2492518	420616.8	110958.5
862.1267	29.23517	29.16333	29.3435	6	1	5	190604.8	362851.8	755615.8
589.2607	26.42033	26.36383	26.42867	3	0	3	100002.9	51000.02	37366.72
463.1312	37.42442	37.38067	37.47317	10	5	5	593994.6	5587697	2557330
614.4485	34.93642	34.89567	35.009	8	4	4	113892.2	1266705	408810.2
405.1231	25.39825	25.3875	25.63817	4	1	3	25967.58	22307.46	36039.75
324.1625	38.12883	38.09867	38.20067	8	3	5	498063.9	1435115	1339937
514.1989	10.39262	10.37652	10.52447	7	2	5	452910.4	349523.6	351928.5
588.2064	28.36417	28.34517	28.36683	3	3	0	68049.04	169774	211538.4
397.3038	34.11558	33.88533	34.148	8	3	5	799310.4	1202989	1271541
461.3636	40.97833	40.9675	40.985	4	0	4	545738.4	154560.5	125534.9
592.8651	25.66442	25.62383	25.68617	4	1	3	47043.91	62611.07	136239.9
563.2395	19.897	19.89267	20.00717	3	0	3	329598.3	16583.56	19523.5
757.0373	42.7135	42.68233	42.77283	9	4	5	71847.1	424366.8	149079.1
296.1468	30.0325	30.01333	30.11717	5	2	3	778796.8	2167008	3996027
586.2658	32.08008	32.07183	32.117	4	4	0	246278.4	1307096	1457688
434.3277	25.911	25.8365	25.94617	5	2	3	97012.73	377722.7	350956.4
491.8757	44.322	44.307	44.36817	10	5	5	607012.6	6470778	1757680
438.2492	10.81963	10.68362	10.95503	3	0	3	7804329	113754.3	107248.6
774.5951	42.36933	42.3625	42.41167	7	3	4	60798.43	221998.1	129559.9
568.0138	19.15833	19.1455	19.18817	3	0	3	62692.5	21661.58	46715.65
794.4145	8.753233	8.533633	8.822367	3	3	0	492558.6	750490	1016933
355.204	32.09017	32.04317	32.146	4	0	4	137541.6	237078.8	215779.1
405.1954	33.15	33.11033	33.15767	4	0	4	57091.12	76206.03	35599.65
357.8964	22.80117	22.76083	22.84267	5	1	4	106078.9	124163.8	223094.5
532.3175	25.22833	25.19717	25.23667	3	0	3	400168.1	203199.9	93235.41
227.0642	14.83018	14.78792	14.83058	3	0	3	135889.2	354280	199569.1
359.1898	33.1865	33.17267	33.20117	3	0	3	140157.8	433401.4	172451.2
521.4069	11.73803	11.70048	11.93567	8	4	4	3175945	10594482	10071175
198.958	22.82667	22.77517	22.84267	7	3	4	146241.5	291752.6	333669.6
434.5259	30.99383	30.96517	31.06583	6	1	5	202151.8	490990.6	1090698
793.6024	10.55375	10.46653	10.66922	7	2	5	437432.8	498964.7	460768.3
361.0773	15.8805	15.85927	15.89132	3	0	3	1086393	40752.68	62467.3
313.1643	30.41742	30.24367	30.54583	6	3	2	155775.6	160735.9	95245.44
347.1395	20.76592	20.715	20.7735	4	1	3	241030.1	234818.6	282407.2
497.3437	30.95767	30.93717	31.07383	10	5	5	12147315	1.11E+08	44316998
499.2999	12.10555	12.07067	12.22863	3	0	3	284966	23039.54	19422.98
286.0745	15.87585	15.85152	15.93562	5	2	3	61206.75	119472	176970.9
561.0166	27.19383	27.1935	27.22933	3	3	0	80085.48	232104.8	278205.7
271.1519	9.278167	9.257833	9.44975	3	0	3	746349.6	507944.7	854168
346.1208	19.97167	19.96967	20.09133	3	0	3	424602	23581.43	21899.41
393.1001	30.76225	30.48833	30.82067	4	1	3	95439.44	210525	353469.9
320.219	22.76783	22.70033	22.79867	7	3	4	86201.62	367664.4	307070.6
279.2262	30.806	30.39767	30.96417	9	2	4	16886970	50633630	60940840

292.6074	30.543	30.5025	30.59083	5	1	4	81410.29	126898.3	243663.4
243.1382	31.6095	31.55617	31.69017	6	3	3	122698.2	426570.9	330056.5
628.9997	33.17267	33.13983	33.1865	3	0	3	154734.9	17333.49	16235.42
442.1715	23.19067	23.181	23.1945	4	1	3	84017.52	91003.97	119769.5
705.9777	9.4872	9.444983	9.584433	6	3	3	45169668	28760714	42940516
377.0893	12.72005	12.68802	12.80027	3	0	3	579586.3	32660.82	55082.36
473.209	14.34685	14.31912	14.35518	3	0	3	1463575	119815.7	213882.1
455.0573	25.6825	25.64683	25.70383	7	2	5	1562739	3613626	7863288
379.2123	44.32483	44.30683	44.337	4	0	4	65641.45	396248.4	172283.2
380.2801	24.93467	24.815	24.97667	7	2	5	546147	483066.9	556232.4
454.3172	18.54183	18.50633	18.5775	7	2	5	271145	1375181	1471603
521.385	38.88183	38.79533	39.001	8	5	3	137818.3	347503.7	363327.9
534.3331	24.66417	24.6535	24.67683	3	0	3	515098.3	184673.2	52141.03
794.4603	26.89817	26.85967	26.92167	3	0	3	88688.64	45736.57	20590.23
490.886	42.51833	42.50633	42.61617	3	0	3	451598.3	82422.05	92390.43
238.2282	12.18742	12.14343	12.36342	9	4	5	127210.2	339790.9	493037.8
485.9605	25.693	25.68617	25.69883	4	1	3	78704.5	184042.1	400886
659.2359	30.75458	30.5025	30.84967	4	1	3	110716.7	112944.1	224545.4
573.3254	42.8965	42.88067	43.02433	3	0	3	20622.61	84977.14	25468.81
326.0938	10.69557	10.64958	10.7506	4	1	3	831301.3	356233.8	511434.3
562.2356	22.93017	22.922	22.93417	3	0	3	418435	5639.133	7908.966
180.0384	17.1345	17.0515	17.23417	7	2	5	219107.9	417235.9	674524.4
1387.991	9.49235	9.473767	9.55075	3	0	3	4068321	1235917	1987588
220.0313	10.99628	10.92607	11.1221	4	3	1	2089817	2288979	2893014
348.2074	28.46133	28.41083	28.46717	4	0	4	863158.3	625540.1	80346.47
309.2277	9.848533	9.80805	9.932383	6	4	2	1355723	2068459	2688028
572.1598	10.64991	10.58428	10.712	4	1	3	777762.1	97285.25	178879.1
288.6414	32.12167	32.07183	32.20817	9	4	5	2765936	11386969	22224081
933.1465	9.416233	9.08515	9.5025	7	3	4	41545156	8789957	12683620
381.2694	16.91642	16.8785	17.01133	4	1	3	49249.18	64328.77	75606.44
366.7981	2.124233	2.032667	2.257733	4	0	4	237645.8	0	0
184.0059	20.43792	20.4255	20.56367	6	2	4	336233.6	1120590	1368165
330.1718	12.08832	12.07067	12.21482	4	0	4	20230956	86819.91	46400.86
747.5761	12.3989	12.35018	12.50992	9	4	5	897166.4	2645863	2704335
490.3845	42.53333	42.5035	42.54567	5	0	5	830773.8	339300.9	103617.8
539.0498	42.48583	42.439	42.53233	8	4	4	102236.8	880743	88668.23
454.2751	9.278583	9.2349	9.3081	3	3	0	6.64E+08	43572043	74087772
304.1252	32.16033	32.07333	32.16117	5	4	1	140818	503884.1	617281.7
423.4031	38.08333	38.0385	38.25133	10	5	5	372444.6	1915211	1522218
381.7715	14.66884	14.5922	14.79963	6	4	2	240810.5	361357.3	337266.9
478.401	18.887	18.8655	18.92333	6	3	3	298701.1	848627.1	690442.2
385.2146	31.03033	30.9885	31.06667	4	0	4	120063.2	467806.5	226401.8
517.2535	9.187083	9.101033	9.231383	3	3	0	1024329	1632779	1673789
488.2471	25.71342	25.6755	25.77767	4	1	3	48575.24	34673.87	59826.27
458.3243	29.63683	29.593	29.66617	4	3	1	40488.29	157291.3	70751.29
458.2446	21.473	21.37017	21.49317	3	0	3	216923.2	29497.52	18166.58
357.2429	36.15033	36.11267	36.15783	3	0	3	32293.84	197518.2	84478.24

348.1556	28.23433	28.20833	28.23633	5	2	3	818561.7	549385.6	224556
598.4184	9.321717	9.291267	9.3379	5	2	3	4667683	1469734	1001913
165.0548	26.293	26.22433	26.32633	5	2	3	32251.39	176698.4	19279.49
780.4081	9.565117	9.52075	9.596683	5	4	1	31669024	5802862	9420443
490.9757	32.13283	32.10233	32.14983	6	1	5	123403.6	304771.8	667936.5
322.192	14.26585	14.2638	14.28625	5	1	4	18170708	496822.1	414437.6
621.5156	9.928175	9.881933	9.9629	8	4	4	884757.3	864024.6	904155.6
335.2782	16.30746	16.29342	16.32602	4	1	3	128055.7	119968.8	157982.2
342.1719	13.80373	13.79017	13.81968	4	0	4	5018240	20051.32	17838.57
758.3506	26.42033	26.36383	26.42867	3	0	3	128834.7	41583.02	24185.4
583.4113	42.1605	41.99083	42.24467	8	3	5	40847.51	211344	124587.3
311.5803	26.25267	26.15833	26.31783	7	2	5	93025.72	146832.3	298884.9
794.2472	8.753233	8.533633	8.808367	3	3	0	355127.2	505605.3	709690
1726.243	9.455083	9.401867	9.55075	4	1	3	20096828	3916241	6442753
266.2121	14.79466	14.7437	14.81522	4	1	3	44712.89	111938	51608.66
332.2307	27.2355	27.2285	27.272	3	0	3	57349.19	229662.6	65273.85
617.465	13.86349	13.77598	13.91533	10	5	5	495281.5	1813276	1819920
570.4583	37.45567	37.41983	37.5325	5	2	3	760423.3	1070179	845565.6
482.1724	9.71525	9.6609	9.7788	5	2	3	1177523	317630.7	216860.3
500.2281	19.9865	19.96967	20.10783	3	0	3	477833.3	7119.995	5064.022
715.3206	41.19283	41.16317	41.23617	9	5	4	105818.2	303197.3	144576.6
588.3035	29.22967	29.16983	29.23017	3	3	0	97602.73	199042.3	186160.4
328.297	9.834067	9.503117	9.932383	8	4	4	143237.9	206392.3	214829
289.139	28.5705	28.5565	28.67283	7	2	5	242962.3	551084.5	921833.1
519.3419	26.43417	26.36383	26.44317	3	0	3	262520.4	124946.7	103993
458.8236	32.53417	32.527	32.57233	5	1	4	117147.9	694058.7	475078.2
656.2521	32.146	32.07333	32.14633	3	3	0	66564.66	306287.8	404017.5
477.3415	20.27583	20.27567	20.41717	3	0	3	23806.95	30882.12	25282.68
552.0904	33.16458	33.13983	33.1875	4	0	4	463001.3	24302.05	11944.8
562.2359	19.908	19.897	20.02417	3	0	3	1048421	13528.48	17908.67
840.1426	32.12167	31.99733	32.22133	5	1	4	212967.8	389850	863476.4
623.9551	43.45533	43.43333	43.49533	10	5	5	2166070	27447372	5321811
636.404	9.987517	9.730617	10.03782	9	4	2	3172247	2066153	2400605
455.1986	19.88217	19.846	19.956	3	0	3	587212.4	118707	67584.16
747.222	41.20067	41.1485	41.23733	8	5	3	191088.7	770439.5	860821.5
518.9706	32.12842	32.0875	32.1605	6	1	5	246580.6	551311.3	1117499
769.0322	42.636	42.5855	42.67333	5	1	4	25799.75	75014.92	14755.55
634.4373	39.3695	39.3575	39.38733	3	0	3	291741.1	184903.5	70567.3
329.2091	35.60858	35.574	35.666	4	0	4	205826.2	581129.5	301713.5
514.2703	18.83467	18.83417	18.863	3	0	3	116400.3	57335.83	18730.59
166.9858	32.29767	32.26633	32.366	3	0	3	75497.2	819974	329478.3
415.0339	25.67708	25.64683	25.69883	6	1	5	455799.3	893835.2	1951581
658.1672	20.4115	20.382	20.45217	5	3	2	91921.84	318060.8	332848.7
242.1836	24.312	24.272	24.33283	4	3	1	42348.66	120338.6	145813
352.2853	13.87932	13.82233	13.9023	7	3	4	397028.5	881840.7	1189295
1037.743	9.525517	9.444983	9.64025	8	3	4	7168234	6333575	4634141
471.0282	29.1535	29.1255	29.2115	5	1	4	66382.89	67828.19	149879.2

598.4536	26.44767	26.39317	26.52817	3	0	3	75933.63	36552.47	47246.64
908.6926	9.976267	9.8483	10.05848	6	1	3	386470.1	49192.55	76942.53
338.034	16.94233	16.92183	16.98567	7	5	2	37556.57	206645.1	89250.58
818.6219	42.199	42.1755	42.23333	4	1	3	36261.58	147160.7	78332.75
171.5901	28.23817	28.20567	28.264	5	2	3	64284.95	128736.4	226804.9
900.5585	11.15233	11.15068	11.18453	4	1	3	192499.1	85085.34	138011.4
345.9767	18.10408	17.98717	18.18483	4	1	3	87640.48	250734.9	287030.1
331.1309	23.03725	22.98917	23.09183	4	0	4	55302.25	64113.27	51619.74
632.261	22.11417	22.08617	22.136	4	3	1	260067	705544.8	874557
261.0958	5.652267	5.545033	5.76675	3	3	0	5567205	45760510	37169339
258.9747	22.81158	22.76083	22.82667	6	2	4	109978.8	156749.4	174447.7
395.1641	37.56533	37.486	37.59183	3	0	3	165863.5	140015.1	73336.81
288.1502	10.88871	10.86645	11.00872	4	0	4	56501080	556556.9	524125.7
704.5705	11.59961	11.5826	11.61482	6	3	3	193709.4	204817	288936.1
707.4759	9.500283	9.444983	9.584433	7	4	3	3.61E+08	2.76E+08	4.67E+08
921.5995	43.58875	43.5865	43.60167	8	3	5	141593.6	492286.3	672548.4
373.004	25.67292	25.64833	25.69883	6	1	5	564633.3	1354849	2949945
446.2906	21.38933	21.3015	21.4365	4	0	4	241190.2	104593	12534.19
390.1668	21.43608	21.31517	21.4795	6	4	2	176321	678951.2	746695.9
556.3046	31.56117	31.53817	31.61283	5	2	3	162411	564410.6	443525.7
259.8937	2.052283	2.0466	2.087617	3	0	3	222374.9	0	0
406.1388	31.56117	31.49917	31.61533	9	4	5	79297.57	452372.1	230529.3
259.6321	9.219458	9.101033	9.254883	4	3	1	881617.8	1796757	1685418
804.4904	9.905517	9.88085	9.96035	5	2	3	461204.8	232221.2	369909.5
307.2275	18.95317	18.93983	18.98183	3	0	3	223362.1	172337	88166.88
678.0435	9.537367	9.401867	9.572217	5	2	3	7749340	1530055	931924.6
416.1411	23.74567	23.73217	23.84167	5	5	0	98000.58	254545.5	317342.5
457.3622	12.21495	12.18742	12.3231	10	5	5	1810313	4707613	6134940
906.6748	29.561	29.43333	29.74967	7	2	4	168038.4	941557.5	1117314
456.3588	12.20066	12.17893	12.33633	10	5	5	6000076	17906018	21573757
291.0858	15.91033	15.85218	15.9483	3	3	0	45521.75	206678.9	179886.6
512.1225	38.15292	38.1125	38.21533	4	1	3	63402.92	86514.04	168073.1
489.3046	8.78305	8.690483	8.9587	3	3	0	2113755	12282882	9970063
489.2041	12.8356	12.78932	12.89353	3	0	3	1100269	143355.9	275562.9
286.636	29.163	29.1255	29.21267	5	1	4	76923.77	123212.5	230565.3
534.3329	23.29133	23.2845	23.29617	3	0	3	1279756	179550.6	87160.87
340.1615	32.15417	32.07267	32.19083	6	2	4	56817.43	426887.6	228007.9
351.2386	11.89957	11.84163	11.97495	7	3	4	157608.7	461121.9	540039.3
241.1915	10.40915	10.33325	10.43838	9	4	5	934732.9	2229609	2164347
599.4041	9.467675	9.321433	9.822867	8	3	4	3944809	5787779	3654759
411.1389	33.16458	33.15433	33.17267	4	0	4	469412.2	18263.69	8188.525
509.2579	10.69325	10.63273	10.70707	3	0	3	288680.2	136053.3	215996.3
403.342	44.00383	43.982	44.04317	10	5	5	1209669	6750599	7361915
324.8766	3.50025	3.418867	3.77065	4	0	3	1838008	65287.74	23509.8
484.788	8.8659	8.677417	8.9755	5	3	2	160835.3	258606	217731.1
316.1603	33.5085	33.49617	33.55283	4	0	4	76822.3	218953.8	55993.27
185.1286	22.50125	22.45817	22.53283	4	1	3	31787.45	111365.2	51436.23

453.0556	19.36892	19.32383	19.3775	4	1	3	38525.89	47569.49	55638.78
429.121	18.775	18.7595	18.80333	3	0	3	1061905	143146.5	100039
746.5638	36.96217	36.93783	37.06767	6	2	4	703343.8	1349504	1033482
400.3062	29.88567	29.56383	29.92167	11	5	5	283273.8	2318704	438947
846.6827	10.22917	9.946617	10.25657	9	4	5	602366.1	315659.5	403524.5
441.1823	23.6005	23.58183	23.6035	3	0	3	620068.4	221316.6	86546.51
422.2444	12.43634	12.39998	12.53633	4	0	4	4555109	74426.94	51991.71
386.0356	25.69158	25.68417	25.70383	4	1	3	50469.98	108498.1	236119.3
708.9738	9.515	9.173283	9.56285	7	2	4	26055734	13999049	21909895
518.3382	26.4245	26.3785	26.43	4	0	4	829670.4	544836.3	476830.3
453.0619	25.67708	25.64683	25.69883	6	1	5	149262.8	306941	673027.7
612.3929	24.5255	24.50683	24.56217	3	0	3	219508.9	45577.65	22033.77
543.0268	30.39617	30.3515	30.4275	3	0	3	49177.68	35052.7	67161.53
355.1671	12.72567	12.70077	12.84028	4	0	4	1910316	33405.78	19668.05
654.2533	32.08817	32.05883	32.11667	3	3	0	134300.6	523842.1	671177.2
835.5848	34.06117	33.9945	34.12667	6	3	3	95149.7	184498.1	86305.85
356.1889	32.10367	32.07333	32.14983	6	1	5	49809.7	96855.52	155326.7
460.2701	21.49267	21.47617	21.52233	8	5	3	342741.6	472096.5	234009.2
507.3293	33.17783	33.15433	33.2025	3	0	3	51010.15	264742.2	133884.8
338.5961	29.12633	29.06817	29.2115	5	1	4	89805.79	189939.4	362048.5
534.3333	24.31467	24.3145	24.34267	3	0	3	766634.7	189773	57553.16
423.1386	37.00675	36.97717	37.02017	4	0	4	765195.9	7924.047	3425.399
406.7227	30.89883	30.89217	30.9325	4	4	0	134098.3	355495.5	472268.2
442.2355	10.67149	10.6177	10.75237	8	3	5	2825232	4032958	5815134
774.9633	30.94733	30.93483	30.95217	3	3	0	100256.9	177588.3	246178.7
804.0982	31.00142	30.99333	31.0595	4	1	3	159600.1	48429.14	103057.3
305.152	20.6845	20.67083	20.71717	3	0	3	3599422	107886.3	76175.35
323.022	17.15642	17.0515	17.2135	10	5	5	3164099	8195953	15152649
607.3249	33.52067	33.51067	33.55283	3	0	3	100245	47720.96	43637.68
542.1933	10.40144	10.36523	10.43838	8	3	5	1574789	776719.3	885207.8
282.1313	26.22417	26.173	26.30383	8	3	5	593708.3	1452456	2168991
326.0981	27.03508	27.014	27.05417	6	3	3	423832.9	1427045	1787746
323.1953	14.27142	14.26493	14.293	5	1	4	3873493	52995.52	32044.96
563.239	22.93417	22.922	22.95983	3	0	3	126087.7	12349.16	13006.36
670.5108	42.8225	42.78533	42.83517	7	3	4	38632.52	190451.6	58442.51
1869.235	9.515	9.473767	9.537367	5	2	3	5852235	1697473	2515153
445.9705	8.711442	8.4609	8.742017	4	4	0	89149.63	238644.1	188787.9
481.0928	32.13233	32.07267	32.146	6	1	5	77073.32	162364	346594.7
571.4154	43.738	43.68867	43.77583	10	5	5	437981.3	4130632	974000.1
253.1952	25.89617	25.8365	25.90267	5	2	3	78942.33	307432.3	275260.2
469.361	44.47425	44.45483	44.52517	10	5	5	624124.2	7392992	1170164
444.0622	32.14542	32.0875	32.1605	6	1	5	125676.6	277719.2	562516.4
315.6309	29.12633	29.10917	29.15467	7	5	2	166208.4	571192.6	551017.7
768.7859	25.67692	25.61833	25.7185	6	1	5	49588.66	69617.79	137846.8
420.3689	44.00417	43.97383	44.01633	6	3	3	105155.3	498703.1	606531.1
440.0446	22.15017	22.02933	22.201	6	2	4	79833.8	200378.1	269545.2
706.4741	9.515	9.186383	9.584433	9	5	3	7.15E+08	5.69E+08	9.1E+08

626.9844	31.32933	31.31433	31.34333	3	0	3	195702.8	8221.304	3614.652
468.9519	17.14583	17.0515	17.18383	5	1	4	376636.2	738887.9	1582393
427.1053	17.71217	17.70317	17.72083	3	0	3	342505.9	62186.61	107621.5
618.8956	32.15417	32.12167	32.1605	4	1	3	117158.4	306716.6	674969.5
416.9023	15.90842	15.89132	15.92517	4	1	3	214540.2	191870.9	346769.5
687.289	9.537367	9.502483	9.596683	5	3	2	1606211	2182438	1982560
404.3014	24.12208	24.06017	24.13617	4	1	3	88166.69	266465.5	252437.2
721.1943	29.12633	29.1185	29.24117	7	2	5	175809.5	400455.8	762113.7
526.9869	19.15833	19.1455	19.18817	3	0	3	69571.91	35155.05	67463.4
570.4288	35.80883	35.67983	35.85367	4	3	0	37207.82	125954.6	95565.72
373.5614	29.11867	29.094	29.2115	4	1	3	57943.72	43126.1	93829.23
332.5955	26.25567	26.21033	26.28967	3	0	3	35481.3	40219.08	74722.93
338.2234	15.76693	15.76425	15.79215	3	0	3	704330.8	74890.21	40736.07
681.4818	43.07642	43.03983	43.101	10	5	5	131463.5	1377259	267373.1
221.1057	28.1615	28.07417	28.17683	5	3	2	4398399	2382452	3425772
560.0104	18.10617	18.07167	18.155	6	2	4	81393.95	171315.7	211540.4
679.6787	9.456067	9.446567	9.572217	3	3	0	18891242	4397300	5049679
366.2545	22.15317	22.10033	22.209	3	0	3	1054593	6321.42	4775.197
401.2647	10.42096	10.37933	10.5262	10	4	5	7.09E+08	2.11E+09	2.82E+09
368.2649	11.89553	11.84163	11.97157	6	2	4	195010	493448.1	588529.5
303.2321	37.00567	36.8225	37.02017	5	1	4	136082.2	444396.9	445752.6
282.63	18.775	18.71483	18.80333	3	0	3	132240.2	5187.417	6833.042
397.8054	34.14267	34.11267	34.148	6	2	4	295027.7	415280.9	461503.4
453.1581	20.55417	20.52533	20.65633	4	0	4	7742535	32485250	42462769
469.347	11.74298	11.68558	11.94995	7	3	4	214303.8	603295.7	514935.6
331.1752	12.0954	12.07067	12.21482	4	0	4	4308330	41122.04	17620.71
443.0792	29.32283	29.28967	29.38917	4	1	3	528437.7	1093552	1969146
667.9812	43.19625	43.168	43.23283	10	5	5	1678031	23068229	7267297
219.0995	12.09603	11.82735	12.17275	4	0	3	52296.02	67574.45	45330.92
620.2459	32.10167	32.05883	32.146	3	3	0	218905	1040711	1463436
345.2076	10.66614	10.58428	10.77118	10	5	5	630168.4	1939221	2466443
963.7402	42.55092	42.50633	42.563	6	1	5	1308586	293140.5	342279.3
747.5444	19.15917	19.13767	19.199	8	3	5	100921.3	240565.3	260543.3
293.6367	32.08	32.04433	32.12933	6	5	1	137697.8	716278.4	754535.2
779.4407	9.547767	9.4881	9.6125	9	5	4	89968072	56899734	87214939
522.4099	12.05893	11.94995	12.09955	6	2	4	248430.1	75771.27	103189.4
736.4713	10.26946	10.19577	10.27938	4	0	4	115425.6	62777.46	72658.81
351.594	29.24267	29.2135	29.31467	6	2	4	126168	189742.6	390272.2
342.1439	19.39867	19.3775	19.42283	3	0	3	215148.5	26733.73	30643.52
314.1472	30.44908	30.33317	30.4965	10	5	5	2515230	8748256	6207834
962.737	42.54625	42.49183	42.747	8	2	5	2555352	549946	563775.7
463.1716	31.45342	31.31833	31.63033	10	5	5	803267.3	11008224	14275346
287.6437	32.12167	32.08783	32.17767	5	1	4	184332.3	469357.4	956522.8
831.6256	34.74725	34.72133	34.76067	4	1	3	61740.32	53004.06	68558.81
801.4338	22.845	22.78167	22.88	3	3	0	115194.7	383005.7	544162
199.1888	21.66425	21.557	21.67117	4	3	1	129057.7	968831.5	589598.5
258.1324	9.199792	9.101033	9.280533	8	5	3	9136076	19190818	15070816

749.2203	41.21525	41.193	41.23967	4	3	1	120059.2	427117.7	509271
443.241	24.10667	24.08017	24.13883	5	2	3	50824.36	229549.3	161494.4
347.186	11.27073	11.24588	11.31883	5	3	2	87137.02	245517	249244.8
384.0042	18.12192	18.03083	18.155	6	2	4	732609.6	2676516	3535066
260.1309	9.215108	9.101033	9.280533	6	4	2	3851679	6327032	5876015
617.852	10.01747	9.981967	10.05848	6	3	3	107928.5	156225.4	233226.3
540.24	28.34867	28.34517	28.396	3	3	0	65315.62	147226.3	201010.7
595.409	10.85758	10.81753	10.88395	6	2	4	538679.8	772163.1	874304.9
706.9753	9.500675	9.444983	9.584433	6	3	3	6.05E+08	5.37E+08	7.92E+08
668.5126	11.13852	11.13642	11.14323	5	2	3	137632.2	127334.3	236373.6
541.0097	30.82067	30.777	30.84967	3	0	3	53725.35	78342.96	159716.1
388.1323	38.74817	38.72117	38.775	5	2	3	209036.5	138594	263811.9
780.4438	9.5558	9.4881	9.6125	7	4	3	31669024	21985766	33180824
289.1538	10.88161	10.86645	11.00872	4	0	4	11776681	96860.23	65196.29
872.5475	9.506567	9.459367	9.52075	4	0	4	2141019	1512823	1541206
496.3402	30.95767	30.93717	31.07383	10	5	5	43917796	4.08E+08	1.64E+08
580.422	19.94733	19.92333	20.0745	9	4	5	119178.8	241174	385199.1
206.5879	27.19583	27.15783	27.2815	3	0	3	20244.28	22403.48	29443.82
375.1832	34.71883	34.70717	34.73417	5	2	3	113043.6	361455.8	391030.1
306.2572	22.98833	22.98383	23.048	3	0	3	43257760	1.58E+08	1.69E+08
498.1786	29.6515	29.56383	29.65167	5	2	3	56204.98	80630.35	145468.2
440.2466	12.26254	12.24235	12.39008	4	0	4	597382.5	16943.64	14633.58
697.443	9.321717	9.291267	9.349817	5	2	3	980833.5	591415.5	705372.4
429.226	10.40805	10.34782	10.47002	5	2	3	6938484	3733017	6207125
371.1836	29.6295	29.57867	29.65167	4	1	3	105125.9	106594.1	40156.46
429.2235	28.89767	28.894	28.92183	3	0	3	36955.65	24127.89	12968.43
832.637	44.78242	44.76633	44.86	10	5	5	1509687	12633145	3669999
262.1805	25.85725	25.8365	25.887	6	3	3	99133.96	404348.9	297390.2
271.2828	24.66592	24.61433	24.67567	6	3	3	212444.4	222164.4	214905.2
367.7218	9.537367	9.4881	9.596683	9	5	4	4.66E+08	5.75E+08	9.45E+08
248.0219	17.1045	17.00833	17.1765	4	1	3	54611.66	99158.9	147692.4
488.1035	28.21967	28.2065	28.2495	5	1	4	100837	206032	394808.9
478.4012	11.08713	10.97798	11.20103	10	5	5	1481993	2253153	3031397
494.0328	28.6485	28.59783	28.67317	4	1	3	67839.73	64582.88	119433.1
303.2174	34.21983	34.10617	34.25717	5	3	2	336463.5	1220910	1564863
863.131	29.25183	29.21333	29.3435	4	0	4	91998.02	126040.2	278020.2
769.1948	29.14033	29.08283	29.22633	7	2	5	276321.1	746742.2	1187380
447.5338	32.12167	32.07333	32.2235	5	1	4	171933.3	485265.9	1085087
280.1913	27.32075	27.186	27.36317	6	3	3	93967.16	331582.5	279708.3
338.089	16.813	16.79183	16.84533	3	0	3	305415.3	137497.4	205258.4
681.2139	8.766517	8.533633	8.808367	4	4	0	775876.4	1165233	1670321
519.9072	44.05583	44.02433	44.10967	5	0	5	785903.7	139887.1	146242.8
543.4301	31.68633	31.66867	31.704	7	2	5	229239.9	160481.2	173949.7
236.2226	22.19467	22.18783	22.209	4	3	1	105230.9	465137.9	519215
866.1003	42.18092	42.09333	42.25983	6	3	3	38971.07	195719.2	113819
735.2362	41.193	41.14833	41.25083	5	1	4	65147.01	95989.66	54307.18
901.4499	10.38153	10.37652	10.39378	4	1	3	1542187	961045.8	1771163

336.2211	43.572	43.52883	43.60167	7	5	2	242436.9	1320464	709008.1
519.4055	44.07925	44.04017	44.10967	4	0	4	1299569	423856.8	270764.3
312.2328	12.68983	12.66875	12.78712	10	5	5	593354.1	1845089	2311410
350.88	9.500283	9.463983	9.537367	5	2	3	7979815	1684645	2308879
603.2103	22.31867	22.29433	22.35567	3	0	3	379777.4	24985.85	21639.65
453.8437	10.54903	10.25248	10.58333	9	5	4	2176946	2021313	2375039
589.2307	24.01533	23.9985	24.01817	3	0	3	332580.1	15245.91	19601.21
442.1857	23.58183	23.574	23.58517	3	0	3	136364	59752.17	21358.11
745.2255	41.1935	41.1485	41.25083	9	5	4	331616	1500787	1595350
381.2699	14.6373	14.51372	14.78443	7	3	4	470372.3	992076.1	887611.4
564.2519	18.775	18.7595	18.81833	3	0	3	468344.3	95190.15	48785.4
500.349	10.22048	9.970683	10.27065	8	3	5	122320.9	144452	136842.2
454.3686	29.7245	29.7105	29.76983	8	3	5	479865.9	914047	942397.7
509.1176	21.76967	21.765	21.77133	3	0	3	69865.76	37289.01	54197.75
584.3282	43.61042	43.58783	43.6635	4	3	1	104682	2214377	987199.7
228.1959	43.09708	43.084	43.12883	10	5	5	103719.5	1257412	186275.1
340.3215	38.06875	38.0535	38.25133	10	5	5	486925.6	2254901	1745308
700.1289	26.13683	26.06517	26.21917	5	2	3	58667.74	63029.49	96583.5
341.2447	10.42819	10.37933	10.55263	8	3	5	641743.5	1428820	819705.6
679.4081	9.579008	9.387317	9.722833	4	3	1	26321044	34999144	65972149
228.1959	42.2435	42.21617	42.25767	5	2	3	59984.68	696461.3	90027.17
551.3233	25.84783	25.80817	25.87367	3	0	3	231708.1	111786.8	45239.94
230.0937	10.40585	10.36523	10.4628	6	2	4	2633499	2049054	3900304
571.8779	18.69475	18.65533	18.77817	8	3	5	173199.9	362757.8	573978.3
542.1588	21.74217	21.74033	21.765	3	0	3	104381	2598.548	4374.882
509.0483	31.32883	31.31433	31.32933	3	0	3	288659.2	24044.83	49117.53
356.1511	14.11633	14.11493	14.11725	3	0	3	1147975	68362.39	85213.42
193.0861	24.03283	24.00183	24.0475	3	0	3	99006.09	248127.9	49031.5
568.1304	15.85927	15.84472	15.8953	3	0	3	41558.41	9824.4	17727.37
538.4008	12.16294	12.1357	12.29612	10	5	5	704228.5	1874895	2487454
988.6105	11.40008	11.38157	11.41437	3	0	3	66655.75	56613.05	83588.81
721.2598	41.19333	41.178	41.23617	8	4	4	196866.2	868409.4	907369.4
311.1954	14.8892	14.8622	14.90458	3	0	3	445418.6	84519.23	33227.14
932.6445	9.36625	9.101033	9.446567	7	3	4	38904676	7883024	11936159
352.2487	19.2755	19.26433	19.4025	5	1	4	2102118	1018487	772149.9
229.5977	10.41571	10.33325	10.4628	8	2	5	889766.2	1023498	1809480
397.9991	19.47875	19.43133	19.57683	4	1	3	43893.2	91304.61	159493.1
259.1309	9.210858	9.101033	9.280533	6	4	2	4998536	9293393	8245464
526.8871	44.023	43.99667	44.04317	10	5	5	600397.8	7130225	1861266
686.3648	31.31433	31.301	31.33233	3	0	3	72477.44	52908.08	20081.65
576.4114	29.95225	29.9205	29.97217	10	5	5	2382633	24086270	4404109
483.4525	31.69833	31.649	31.72517	5	2	3	40100.97	90970.27	97061.31
324.0252	17.14717	17.06583	17.23417	6	2	4	343181.9	814644.8	1466515
369.5996	28.0435	27.927	28.13083	9	4	5	116860.3	553703.5	534558.5
434.7803	8.699883	8.479117	8.780583	5	3	2	119540.6	445704.9	332201.3
419.1273	26.92883	26.87617	26.95533	5	2	3	46086.98	76220.59	83691.97
456.202	19.8525	19.846	19.99017	3	0	3	151841.5	44489.45	24097.67

498.4003	31.7265	31.70967	31.75817	9	4	5	897881.7	1144386	1201772
829.3509	10.69325	10.6408	10.7506	5	2	3	601672.9	788542.5	1072083
463.1747	24.267	24.2465	24.272	3	3	0	48863.48	120870.8	158068.6
316.6385	30.24533	30.23183	30.31867	9	5	4	141801.2	422176.5	428098.3
274.6358	30.99417	30.93567	31.088	5	1	4	71406.2	95759.97	208560.9
374.2914	12.38836	12.3356	12.444	8	4	4	259490.3	763844	681635.8
574.412	33.53817	33.5255	33.5635	5	2	3	104609.7	320931.1	193063.8
621.3944	9.935108	9.871633	9.977267	4	0	4	250608.9	174092.3	179814.7
529.3822	33.65567	33.56633	33.71167	8	5	3	821790.6	2563105	2763967
173.2615	9.473767	9.460417	9.537367	5	1	3	3320147	914300.6	895989.3
306.1219	32.175	32.161	32.20567	3	3	0	80641.24	246629.6	339293.5
468.8607	12.73435	12.65595	12.84028	3	0	3	38022.75	67264.21	145841.4
704.5701	20.31383	20.28117	20.45917	6	1	5	93910.41	153027.8	146534.8
613.2617	10.70731	10.6177	10.77118	4	1	3	960402.9	502672.2	687642.5
246.8622	2.093533	2.01865	2.14135	4	0	4	1406310	0	0
298.3108	28.59783	28.58517	28.65183	7	3	4	210720.1	205250.7	183285.2
622.2429	32.10925	32.07333	32.1315	4	4	0	195139.4	847719.4	1213026
335.0186	26.65017	26.64117	26.65383	3	0	3	56490.49	59990.02	82219.5
404.2433	29.70317	29.68083	29.97433	4	3	1	35944.05	129145.6	44356.09
445.1571	37.02283	37.00567	37.03517	3	0	3	52093.35	88190.45	43155.03
396.3593	11.03672	10.9623	11.1144	8	3	5	1068417	2515616	3002493
376.3143	38.65433	38.59433	38.7505	9	5	4	148620.2	1079386	638489.8
686.162	31.00108	30.9645	31.07383	6	1	5	669593.4	430338.2	861836.7
470.2656	10.12773	9.970683	10.23408	3	0	3	236068.8	60641.19	29214.39
559.4767	33.72817	33.6645	33.8395	7	2	5	42838.16	115388.1	93087.77
474.6725	42.92583	42.91283	42.97367	5	4	1	60083.79	470431.6	161427.4
330.2499	28.183	28.16133	28.22333	5	0	5	190845.1	699862.1	226013.7
345.3199	34.401	34.3555	34.424	5	3	2	20473.3	97057.29	59401.44
757.1996	29.25925	29.257	29.32917	4	1	3	69986.16	134288.7	118973.1
836.3501	10.65798	10.64867	10.7167	4	3	1	900021.6	1068066	1083595
313.1438	30.44583	30.34733	30.4965	10	5	5	12753119	47253842	33188047
315.1207	30.7775	30.7045	30.893	5	1	4	38280.53	75627.11	46813.19
331.1558	13.16914	13.13913	13.21922	4	0	4	2566301	44883.11	26556.83
281.0514	37.41983	37.3955	37.43867	7	5	2	46655.53	378781.4	206479.8
323.2497	32.734	32.72983	32.76167	3	0	3	88107.62	346220	148152.5
538.3004	9.204633	9.101033	9.432667	6	5	1	1435685	3766805	2960493
298.3109	29.759	29.71617	29.7875	8	3	5	296098.4	257914.4	226137.1
207.0799	26.31175	26.23883	26.32633	4	1	3	59173.18	97797.96	42875.03
462.3588	9.346017	9.050317	9.460417	12	4	4	17987484	1949448	1003379
450.1577	37.01275	36.99183	37.02283	4	0	4	96021.16	350673.5	93073.08
252.1273	25.68392	25.63817	25.7215	4	4	0	92201.71	246032	295563.7
334.2747	16.3274	16.25987	16.38455	8	3	5	808377.3	1005352	1218555
425.1351	37.00783	36.97717	37.03467	3	0	3	206807.1	18729.14	14922.22
277.6023	26.14433	26.11083	26.205	6	2	4	312849.4	311970	422698.5
676.1535	26.23875	26.18667	26.28233	4	3	1	79247.23	215895.7	256667.3
336.9295	27.67292	27.63083	27.705	6	2	4	208803.6	1317862	657184.6
712.1774	32.13617	32.07333	32.20633	5	1	4	403189.3	377580.9	782761.3

351.197	43.60225	43.57467	43.64517	10	5	5	106121.2	835650.5	558700.1
363.272	10.68373	10.63728	10.806	7	4	3	408623	837277.9	804899.3
499.2345	11.7754	11.72863	11.92125	3	0	3	2792834	37190.56	17532.6
835.0206	10.2073	10.18403	10.21925	5	2	3	292918.2	109727.9	175031.2
455.3778	31.74858	31.72517	31.77883	6	2	4	157371.3	223425.4	262942.2
324.2173	30.84733	30.74683	30.88867	9	4	5	313999.8	2377368	1008290
748.2257	41.22167	41.16317	41.22267	5	4	1	87117.37	322526.3	409925.6
509.1665	29.66617	29.57833	29.66617	5	4	1	69414.64	356263.1	271746
224.2012	13.48747	13.44668	13.56747	5	2	3	61565.23	48710.33	38577.99
331.7574	9.534967	9.474117	9.596683	7	4	3	3968869	7936290	6939637
462.8516	9.392917	9.351383	9.446567	7	4	3	11081822	3983802	6691142
338.6038	32.11417	32.0415	32.2235	6	1	5	727208.9	2666054	5910827
768.1912	29.13717	29.08283	29.2115	8	3	5	844742.9	2198551	3698308
233.2113	33.06183	32.99183	33.177	7	2	5	174343.6	234686.2	241704.5
779.5842	34.14117	34.12717	34.148	5	2	3	144364.5	147384	170216.5
674.5073	31.54242	31.277	31.63033	8	2	5	516991	298662.7	304857.7
406.3076	11.85697	11.81297	12.02113	7	2	5	47175.23	112184.3	112311.4
788.2477	41.1935	41.193	41.23733	3	3	0	41951.04	135468.7	185487.5
393.3114	38.8515	38.54817	39.003	5	1	4	50133.41	102077	29944.38
314.3424	35.44533	35.42017	35.45717	5	3	2	146265.7	486330.4	621756.2
320.2437	24.22367	24.17417	24.27317	7	4	3	1300986	5893238	7368553
270.2796	24.64667	24.61433	24.67567	9	4	5	1407896	2119871	2002519
732.5485	23.8115	23.68333	23.8955	9	4	5	406064.2	1852278	2430737
525.45	34.44825	34.41283	34.49633	8	3	5	125711.1	247679.6	234993.5
219.1747	14.98303	14.9334	15.00973	7	3	4	1626991	2507680	2463124
440.0662	32.12842	32.0875	32.1605	6	1	5	133682.3	354483.7	787870.5
490.2073	12.86173	12.8356	12.89353	3	0	3	329959.3	45455.46	82821.8
469.2453	12.29735	12.25648	12.40345	3	0	3	262716.5	26122.27	15256.18
708.191	29.80517	29.76717	30.01333	9	3	5	212709.6	447780.3	762176.3
411.2477	11.7754	11.77155	11.92125	3	0	3	811232.4	53986.91	45968.21
924.6989	9.41895	9.33635	9.435533	5	1	4	1965016	342075.2	518290.6
413.2304	29.66617	29.6075	29.7725	9	4	5	300790.8	391402.8	535123.5
532.3178	22.39467	22.35967	22.42883	3	0	3	663660.4	110413.1	50450.09
376.7048	9.541492	9.49235	9.571	4	1	3	4580800	794247.6	1137253
251.9415	10.16835	10.08757	10.24568	3	0	3	662100.1	311397.1	564751.3
220.1097	10.40232	10.34782	10.44485	8	5	3	931374.9	1740394	2046470
306.1244	21.2435	21.0945	21.24783	3	0	3	832671.6	15097.3	13716.82
623.5313	11.5928	11.5891	11.62663	5	2	3	152033.1	160305.1	222374.2
454.3743	31.74583	31.72517	31.77267	9	4	5	760446.3	1277388	1443787
438.7879	17.76617	17.7355	17.7955	5	2	3	45755.47	48830.88	56066.97
397.1626	36.99875	36.97617	37.00783	4	0	4	401448.7	354216.3	181000.4
342.1089	9.469283	9.444983	9.537367	4	1	3	3251472	3955876	4482972
213.0779	22.75808	22.71833	22.78383	6	2	4	212457.4	410479.8	248966.2
614.4843	37.31517	37.2845	37.4135	6	3	3	956162	1416282	1310158
497.2091	21.0525	20.98867	21.06317	3	0	3	106682	62517.39	35946.01
300.6337	29.22083	29.2	29.31467	8	3	5	929043.1	1845122	2751653
451.018	25.68617	25.63267	25.71367	5	1	4	115793.9	150097.8	311520.6

483.2756	23.2845	23.23833	23.3065	3	0	3	172921.1	110728.9	37447.81
287.0867	10.70263	10.60262	10.806	6	2	4	1213186	951298.6	1565822
825.5872	9.88495	9.832067	9.904433	5	1	4	845463.8	252660.3	452881
374.1656	33.15717	33.125	33.17267	3	0	3	100076.4	424212.4	119429.2
584.4387	9.044033	8.937917	9.128283	4	3	1	373357.8	588285.8	426872.5
553.8956	28.05133	27.98483	28.15283	10	5	5	179699.3	783278.7	433707.7
521.0927	23.85492	23.85083	23.87117	4	1	3	50409.2	58255.82	101008.1
508.3174	22.47083	22.4575	22.5025	3	0	3	1270194	229461.8	129446.2
338.2538	23.58233	23.5705	23.60417	4	1	3	48590.7	113451.4	33839.98
418.1383	23.772	23.74567	23.816	3	3	0	59771.55	96258.46	131702.5
494.3486	17.27867	17.254	17.308	9	4	5	226244.9	491855.7	440485.1
694.9257	9.709225	9.617883	9.751083	6	2	4	1391627	396848	616445.8
724.355	43.59125	43.57283	43.61617	4	0	4	80510.66	389053.7	93294.59
423.8441	10.19385	9.970683	10.25657	10	5	5	1262929	1071890	1045516
161.1541	10.69263	10.63273	10.75237	5	1	4	286041.1	307064.4	569093.5
409.1233	31.32867	31.301	31.34333	3	0	3	869552.1	52159.84	13805.51
702.9953	26.21033	26.181	26.2615	3	0	3	77179.79	161240.2	182205.6
275.1274	27.47483	27.446	27.546	6	2	4	492799.7	1716543	2283988
992.5447	37.54583	37.516	37.58383	7	5	2	23179.76	98213.29	27986.98
445.1206	37.42333	37.38067	37.47667	9	5	4	253799.6	2326950	1070909
460.2603	15.21587	15.2128	15.29097	3	0	3	518779.5	42971.09	26886.03
455.2449	14.7864	14.77317	14.83018	3	0	3	416528.5	40417.22	33216.81
523.4134	11.74128	11.68558	12.0558	9	3	5	106411.8	267488.3	272697
730.1811	29.06817	29.06633	29.111	3	3	0	73886.78	181789.4	211689.8
432.3437	10.82177	10.76538	10.83615	5	2	3	301770.3	167514	233277.1
736.2342	41.22267	41.208	41.29617	5	3	2	57259.15	114206.8	77604.18
328.3214	41.87783	41.84333	41.93283	9	4	5	406859.4	2290885	2104569
613.3881	12.08498	12.07067	12.08525	3	0	3	49274.31	35452.1	24239.84
701.4947	6.36855	6.223433	6.557917	4	3	1	7107768	25196238	35083939
624.9581	43.44817	43.42633	43.48533	10	5	5	214362.3	2335173	657039.6
724.2068	32.11917	32.07333	32.35	8	2	5	296995.6	677304.9	1106383
204.2365	30.79708	30.73283	30.83517	6	2	4	29460.28	46928.65	63219.67
680.9798	43.07642	43.04117	43.101	10	5	5	183556.8	1922767	366727.7
631.4832	31.60208	31.58383	31.63033	6	2	4	179789.4	62633.15	74113.3
675.5094	31.53467	31.47917	31.56267	4	1	3	139747.7	66826.56	75748.1
414.2646	10.08033	10.019	10.12338	6	3	3	712297.2	324090.8	258965.5
249.1635	8.65725	8.332483	8.780433	7	4	3	22824746	3.74E+08	2.37E+08
526.2404	36.44792	36.407	36.47433	4	1	3	128968	100770.6	93708.51
372.3477	36.71583	36.70767	36.76867	6	3	3	462315.9	2072221	2462996
476.961	10.95098	10.85075	10.96525	3	0	3	155916	19373.79	35027.1
356.1703	12.74887	12.71698	12.84028	3	0	3	399543.3	23664.69	22340.41
223.0638	31.564	31.48483	31.6035	10	5	5	444292.1	2436887	1339314
152.0068	30.79167	30.73283	30.8785	4	0	4	132033.7	163531.8	212628.8
494.3483	14.22727	14.1769	14.25112	7	2	5	67879.4	117843.2	77250.64
294.1604	10.14115	10.01733	10.2045	3	0	3	2051309	96861.34	112086.5
219.1746	13.15054	13.09513	13.44572	12	5	5	7835867	13484646	12333189
392.3458	40.75217	40.70033	40.815	6	2	4	39689.58	298865.9	187988.7

615.2916	21.12583	21.023	21.13433	3	0	3	223153.5	30302.78	8430.517
244.2639	21.22617	21.15667	21.27833	5	2	3	358978.1	682849	608757.6
346.1142	25.67708	25.6535	25.69883	6	2	4	161606.8	226840.4	409949.7
605.0086	18.07392	18.0555	18.155	4	1	3	119575.5	267627.9	357208.5
408.283	36.5905	36.56483	36.68117	5	2	3	43079.84	225773.3	118863.7
281.1108	18.12517	17.98817	18.18667	5	3	2	10582468	1019307	1202226
281.5289	30.80633	30.73283	30.83517	5	1	4	54053.09	117590	136954.3
528.3226	24.37483	24.37383	24.3865	3	0	3	377196.8	269243.4	150950.3
734.2997	23.70117	23.67733	23.73667	3	0	3	74443.71	8485.652	7850.562
578.3699	18.472	18.448	18.486	8	4	4	326448.6	482991.6	500999.8
228.2324	15.99058	15.9643	16.0048	4	1	3	4163520	16695991	21751894
345.9391	30.99967	30.9075	31.0515	8	4	4	528879	1148062	446260.4
696.3543	41.1935	41.1635	41.25083	9	4	5	98551.34	601079.9	513284
935.4995	10.65101	10.63273	10.67828	4	1	3	1997645	1521822	2733173
745.1953	29.228	29.15567	29.31467	9	3	5	581665.3	1416936	2591803
660.4332	31.3185	31.301	31.34333	3	0	3	116239.6	77202.56	43463.33
191.0403	7.553808	7.49685	7.613967	4	3	1	1111340	9101823	7241735
335.2267	38.88283	38.8755	38.94183	3	0	3	490588.6	106570	28469.44
1020.779	44.04692	44.0115	44.08533	8	3	5	2471175	352479.6	389114.4
463.3431	33.87608	33.80817	33.924	10	5	5	1292839	3376317	3734963
608.3711	21.4025	21.31517	21.4345	3	0	3	480570.8	114516.7	46122.3
360.1827	15.12756	15.08945	15.18693	4	0	4	857197.4	146939	71553.44
498.4905	37.446	37.40167	37.57683	9	5	4	80588.54	567291.6	354281.9
1021.782	44.04317	44.03733	44.11483	5	0	5	1378046	218840.3	264169.4
403.1354	26.17858	26.14117	26.22817	10	5	5	256388.6	1712356	1759249
536.3495	22.27483	22.22933	22.2965	4	0	4	1537297	236050	86072.5
554.4485	33.85467	33.81483	33.89017	6	2	4	69294.89	157501.1	145458.7
668.3484	41.193	41.16317	41.23733	5	2	3	147863.3	897074.8	670639.6
515.1368	23.88067	23.86867	23.9	3	0	3	193850.5	421782.6	813555.9
337.1779	26.65942	26.62017	26.68133	6	3	3	97007.89	297950.9	305569.5
468.3439	11.74298	11.71578	11.93567	9	4	5	910712.6	2864482	2528096
622.5278	11.6028	11.58718	11.73068	8	3	5	461717.3	487138.3	658458.5
289.143	32.11925	32.0855	32.19283	8	3	5	919088.7	3145558	6213566
413.1358	33.17183	33.125	33.1875	3	0	3	102333.9	15674.82	15770.82
471.1373	10.68753	10.63755	10.82177	5	4	1	1186570	2313374	2511651
396.0746	30.777	30.48833	30.84967	5	1	4	111870	325397.6	527037.9
550.3872	36.67767	36.63717	36.932	9	4	5	162108.6	987520.1	854326.9
828.5199	9.464458	9.392917	9.529483	4	1	3	1646849	1276254	1834117
720.2113	32.13575	32.08783	32.19283	6	1	5	219555.4	509444.3	838885.8
587.4249	38.52533	38.48417	38.6405	9	4	5	87631.7	259474.8	253602.7
447.0152	16.937	16.893	16.94617	5	1	4	130554.4	153085.8	301546.5
381.5876	18.70075	18.67017	18.80417	8	3	5	168197.3	297018.6	455274
454.2633	23.73683	23.71617	23.76617	4	0	4	3987138	11206826	15480726
601.372	33.49617	33.47733	33.50883	3	0	3	38238.08	35196.69	42926.28
347.1487	32.16075	32.13133	32.18933	6	5	1	154711.7	595807.1	773912.5
538.3508	33.90533	33.77783	34.03617	7	4	3	52477.54	226204.9	182006.5
194.5696	31.542	31.5415	31.63433	3	0	3	84949.75	23305.39	43623.28

326.0977	31.01592	30.9645	31.07383	6	1	5	118606.3	243806.1	531027.6
412.306	31.41708	31.37217	31.46433	10	5	5	569420.4	2502678	1864891
465.2954	19.763	19.73783	19.86983	3	0	3	193960.6	40587.22	19138.6
280.2637	39.17867	39.11717	39.20817	3	0	3	32484.21	50362.02	51799.74
372.2749	23.56733	23.55217	23.57583	4	0	4	187787.2	630480.5	121303.3
361.2018	10.5154	10.34868	10.66922	6	4	2	855385.1	1029582	797592.9
642.4057	43.60325	43.58733	43.75867	4	3	0	66861.73	317187.6	270895.2
312.6415	30.25883	30.23183	30.36167	9	4	5	1987587	5105247	9556943
279.1363	30.88333	30.763	30.93717	4	1	3	725386.6	1718870	1592824
401.0358	17.14125	17.02267	17.19167	4	1	3	251650.7	149561	277905.7
223.0641	15.66928	15.5829	15.6839	5	2	3	96514.8	856305.3	485800.4
403.1571	32.69683	32.66933	32.69867	3	0	3	65584.8	205431.8	44412.12
394.8866	32.32425	32.23883	32.365	6	1	5	2019795	20093.13	41556.76
826.5031	9.938475	9.858417	9.948533	4	1	3	377835.9	190500.1	294360.9
394.3682	33.51475	33.4565	33.5395	8	3	5	83610.45	206695.7	199876.6
750.224	41.20783	41.1935	41.25217	3	3	0	48910.93	144950.6	189606.4
509.1239	38.11967	38.0895	38.22983	4	1	3	33239.2	39785.16	73286.43
440.4103	38.79033	38.77633	38.899	7	4	3	101240.6	346636.8	198610.3
884.5965	29.72925	29.70933	29.76817	10	5	5	227558.9	2154752	417677
441.8316	33.96275	33.869	33.99433	10	5	5	616826.9	1334079	1460528
301.0764	16.20485	16.1947	16.21947	3	0	3	114968.2	103171.3	82681.71
731.1336	10.67897	10.62147	10.78962	7	3	4	476873.9	747294.3	977007.2
503.1719	29.6395	29.57833	29.65167	6	2	4	89191.82	183964.5	316772.6
425.2633	13.91909	13.91268	13.9571	4	0	4	1387157	25546.16	22015.23
332.1498	23.58183	23.50217	23.60533	9	4	5	127070.3	537707.8	475443.4
375.3111	38.65258	38.6095	38.76517	10	5	5	681227.8	5863517	3264938
667.4796	43.20267	43.1835	43.21833	10	5	5	2289691	32942513	8626126
681.5009	10.46588	10.36523	10.49625	6	3	3	1502916	2860041	2508503
508.0721	23.84017	23.83583	23.85583	5	1	4	83748.94	127525.9	273456.1
516.3227	24.61633	24.6095	24.6205	3	0	3	270597.4	103563.5	29297.56
746.2065	30.89133	30.84933	30.9455	6	1	5	362846.2	758560.1	1596550
291.2517	14.93588	14.91862	15.01628	7	3	4	103277.7	233241.2	262666.1
303.6307	29.21517	29.18517	29.31467	9	5	4	276234.6	1165907	1142116
505.2351	16.32922	16.31667	16.3492	3	0	3	523783	37778.47	49784.36
436.1713	37.00642	36.94767	37.03517	4	0	4	56031.41	170178.8	36261.19
574.8535	22.10767	22.09383	22.20633	3	0	3	67177.6	160973.2	315471.4
341.7675	12.71343	12.65432	12.78712	9	4	5	648144.1	1401246	1702820
464.2917	19.763	19.73783	19.8525	3	0	3	762450	152312.7	82141.15
495.1517	10.68843	10.6177	10.7931	6	2	4	955194.6	1027813	1899689
786.2523	41.21517	41.1935	41.23617	4	3	1	96388.45	331262.2	389133.8
1038.747	9.482133	9.444983	9.584433	6	3	3	5456949	7052401	6843093
567.4154	30.24533	30.24433	30.25	3	3	0	25248.89	64179.77	79552.54
430.2226	10.39097	10.34782	10.44485	7	2	5	1417309	1217575	1839279
219.0315	2.090058	2.004783	2.338217	4	0	4	207955.7	0	0
261.6178	26.23142	26.12917	26.30383	8	2	5	204722.7	375008.3	592230
478.2344	12.39988	12.32825	12.49625	3	0	3	348189.6	8317.033	9218.848
497.4191	32.19942	32.16167	32.26167	4	1	3	101044.2	43974.35	36724.09

418.0252	19.4445	19.423	19.46717	4	1	3	84266.44	38560.44	67250.97
350.2692	37.0055	36.96233	37.00783	4	0	4	214351.5	622098.3	562552.5
473.0592	32.13533	32.0875	32.1585	5	1	4	186506.4	159059.7	309566.7
469.1312	23.19067	23.16617	23.21033	6	2	4	94268.99	171122.4	301516.5
766.619	10.08869	10.08285	10.1147	4	1	3	168150.9	159260.5	286680.7
483.0882	32.146	32.07267	32.20367	7	2	5	810512.8	1987616	4246963
297.0829	31.56475	31.48483	31.58833	10	5	5	405954.3	2204031	1247720
646.9711	43.31542	43.27817	43.3665	10	5	5	211001.2	2461115	719995
507.4913	30.99417	30.97967	31.0085	3	0	3	80192.38	130444.4	284306.7
542.4267	31.69658	31.66867	31.719	8	3	5	987243.9	800586.5	855573.7
441.0417	22.11492	22.02367	22.21567	10	4	5	2406071	8064664	15596154
366.2233	9.553275	9.4881	9.626317	8	5	3	63957780	86906442	1.35E+08
756.1802	29.228	29.15483	29.2755	7	5	2	114045.2	544508.4	471669.6
408.3687	40.75467	40.73017	40.8145	8	3	5	116691	457529.1	307524.8
441.3299	33.9625	33.8905	33.99433	10	5	5	1318942	3186109	3512624
704.1668	27.459	27.441	27.47783	4	3	1	89564.03	457398.1	560767.8
600.2978	26.57117	26.56017	26.58533	3	0	3	262961.8	195903	93786.05
377.0893	14.56693	14.54208	14.6224	3	0	3	417086	17918.47	28635.04
579.2936	30.474	30.34733	30.50117	5	3	2	4444218	18779185	24402619
586.4532	31.644	31.6035	31.69533	11	5	5	700326.6	531626.6	602493.6
384.1824	13.10817	13.08047	13.15022	3	0	3	990503.9	29849.98	22601.63
452.3614	9.544758	9.49235	9.6125	8	5	3	6643725	16606700	11560627
779.1847	29.1255	29.11167	29.15567	3	3	0	65937.55	129966.6	141993.2
590.9915	32.40367	32.37967	32.4975	3	0	3	60192	49898.02	106177.3
737.4362	9.45735	9.278167	9.563383	3	0	3	1599709	437197.3	590269
552.0724	31.34333	31.32933	31.35767	3	0	3	201654.9	64575.74	31625.21
411.3055	34.05167	34.02067	34.24883	8	3	4	240742.9	465673	521886.2
636.311	23.5225	23.477	23.54467	3	0	3	158091.4	88711.36	56293.12
334.2461	38.67683	38.67617	38.68117	3	0	3	458140.5	2655238	535726.6
273.1832	32.41583	32.39533	32.51217	5	1	4	11536834	27133055	40073441
353.2887	13.87414	13.8378	13.88765	6	2	4	75138.61	135317.5	174531.1
419.8186	34.03867	33.95183	34.07833	10	5	5	596381.6	1014376	1153941
342.1918	21.41742	21.31517	21.44917	8	3	5	6242794	22662489	34602726
488.9441	25.6825	25.66283	25.71367	5	1	4	67418.2	148722.9	318357.4
388.7905	34.13417	34.08883	34.14333	9	4	5	349570.6	757351.9	878184.1
420.2285	11.61943	11.61482	11.7604	3	0	3	3247506	23919	20065.25
758.6617	9.529483	9.506667	9.626317	5	1	3	17378666	1035552	1103341
374.6058	28.92183	28.8925	29.01733	7	3	4	98064.74	178272	204786.9
502.9269	18.155	18.153	18.21917	3	0	3	70644.26	281935.3	336359.7
879.4919	9.180183	9.08515	9.266617	6	3	3	18035672	3165383	3983160
473.1105	14.07078	14.06243	14.13205	3	0	3	147354.2	18005.02	30493.95
479.822	2.114383	2.0466	2.126033	3	0	3	201001.5	0	0
634.4536	29.37533	29.283	29.4335	3	0	3	44747.37	30890.56	19020.16
419.3168	34.04242	34.03583	34.07833	6	2	4	1189175	3968100	3044983
292.6384	32.10483	32.07183	32.2235	8	4	4	253791.2	1328955	1304401
762.559	31.42833	31.416	31.44933	5	2	3	205494.6	79115.15	81961.85
568.735	42.28267	42.22867	42.34817	6	2	4	56654.8	458225	76009.52

592.3755	22.40983	22.39217	22.42883	3	0	3	558707.5	67203.93	25984.14
624.2685	29.17717	29.09717	29.2115	5	2	3	81648.97	214927.2	188701.1
707.9769	9.518825	9.444983	9.584433	6	3	3	1.52E+08	1.36E+08	2.45E+08
398.0197	22.10083	22.00883	22.21567	9	3	5	763568.2	2299356	4467505
588.2645	32.10967	32.10167	32.144	4	4	0	128860	761854.6	976390.4
244.2638	23.18817	23.15183	23.24467	10	5	5	1605952	3288742	2846723
848.418	41.19317	41.16333	41.23617	3	0	3	55304.26	32942.6	32856.53
336.2607	27.66333	27.45633	27.7845	11	5	5	1025040	5946384	6074111
213.1026	14.97753	14.9342	14.98237	3	0	3	2023261	395363.7	218158.7
267.096	12.85362	12.76328	12.85795	3	0	3	319306.3	234202.9	311233.5
337.1457	18.1235	18.06983	18.14	3	0	3	830713.7	33138.69	23403.93
750.1688	26.8875	26.849	26.89733	4	3	1	55463.88	123527.9	157104.3
530.9586	25.689	25.64683	25.71517	5	1	4	45975.77	85519.75	177010.1
454.1617	20.54117	20.54	20.66717	3	0	3	1733153	3283039	4281038
705.4888	33.18	33.15733	33.21733	4	1	3	89441.23	159861.9	182448
593.3413	30.25883	30.23533	30.32083	7	5	2	244112.2	803446.5	975527.6
495.0233	42.84725	42.8015	42.88067	10	5	5	167681.3	1636239	371942.3
382.3681	36.93333	36.90833	37.12783	10	5	5	133170.6	441461.8	348266.4
339.6039	32.13617	32.07083	32.20817	5	1	4	235615.5	678794.5	1420138
529.3606	10.1728	10.12773	10.1894	5	1	4	76763.91	91507.25	92310.07
558.0881	25.90925	25.89617	25.9325	6	2	4	148579.3	343021	692187.5
308.2705	9.184917	9.101033	9.294367	6	4	2	1254912	2310639	1645924
320.2438	24.856	24.83167	24.88917	9	5	4	2084117	8401420	10875910
383.0561	19.588	19.54383	19.67717	6	2	4	57490.26	67311.92	109474.1
748.5798	12.3989	12.3356	12.50992	9	4	5	393380.6	1174230	1117341
267.0795	13.63873	13.44543	13.76545	12	5	5	1535486	6134807	10172184
413.1927	18.64592	18.6355	18.67533	4	3	1	392900.2	561186.5	820556.8
460.0732	22.1235	22.10767	22.14983	3	0	3	54759.99	48638.22	70115.05
508.1659	10.66922	10.56983	10.77118	9	4	5	1365760	2769701	4100165
522.4102	11.72784	11.68558	11.7652	8	4	4	983063.4	2776332	2605792
289.1542	27.14608	27.11983	27.20883	4	3	1	123875.5	495886	486355.6
665.4215	10.0778	10.05612	10.10067	5	2	3	153598.1	99965.99	149327.3
373.1401	21.44717	21.3425	21.46	5	3	2	192130.8	619847.9	796742.4
245.2675	22.08983	22.005	22.1215	6	3	3	212783.2	332191.5	265154.7
470.3595	15.2318	15.15705	15.31638	9	4	5	138720.7	572088.2	545944.2
506.4326	16.64479	16.5765	16.68333	6	2	4	52857.87	97199.93	97889.11
279.0857	30.83533	30.82083	30.84967	3	0	3	766936.2	1838210	1840499
305.5697	28.429	28.38633	28.46717	4	1	3	88104.45	55913.49	61008.45
381.1257	32.51217	32.41883	32.56617	7	4	3	184102.6	597751.8	739367.3
551.3955	33.5855	33.50783	33.64	9	4	5	602585.8	2050904	2150729
510.4004	37.93167	37.88767	38.01767	9	4	5	82863.13	316062.4	308049
1187.857	43.59542	43.4705	43.63067	6	2	3	71931.08	257657.8	219584.4
543.2145	11.68208	11.65747	11.83458	3	0	3	1162806	20360.91	23706.5
377.1052	28.1375	28.04433	28.162	7	2	5	620561.4	1631192	2390274
442.0617	32.1285	32.0875	32.146	6	1	5	1434928	4118144	9009566
259.1099	20.6845	20.67083	20.69783	3	0	3	470261.3	18236.95	8380.078
671.8691	9.54735	9.444983	9.596683	6	4	2	1628938	1763341	854221

536.2472	23.58883	23.58183	23.6005	3	0	3	237005.6	338986	44453.58
349.1527	28.23083	28.20517	28.23817	5	1	4	127577.7	112878.3	129199
340.6017	32.11483	32.10233	32.19283	5	1	4	67199.45	208756.5	445740.3
291.072	22.13133	22.03667	22.1365	6	2	4	1235374	2540522	3445832
357.1852	19.35817	19.32383	19.3935	6	4	2	54613.38	270080	132546.4
778.1823	29.12492	29.09717	29.13483	6	4	2	120861.6	349520.2	365019.4
496.4155	32.20417	32.17667	32.2655	7	3	4	294262.9	196044.4	175900.9
568.3384	30.84325	30.81667	30.95983	6	4	2	364388.8	1264059	1469006
331.1554	9.47815	9.341517	9.537367	3	0	3	2563771	435522.1	493304.7
362.5961	29.14083	29.09717	29.2115	7	2	5	166903.4	315205.4	630604.1
696.1906	30.01767	30.01333	30.11717	5	2	3	708407.3	1398289	2662927
320.1907	22.14442	22.05267	22.201	6	3	3	100832	339113.4	209985.9
752.5172	29.82258	29.79967	29.84117	10	5	5	1849694	17260445	3413462
350.596	29.228	29.18433	29.31467	7	2	5	295674.1	736982.8	1459919
728.6147	9.455275	9.43065	9.537367	4	1	3	3919133	1458897	2987122
579.3734	18.46142	18.448	18.4845	6	3	3	87985.36	130786.9	152096.3
531.9662	25.68433	25.64683	25.71367	6	1	5	110876.9	228751	485089.8
507.871	33.72867	33.64533	33.78267	10	5	5	514237.2	1447042	1651792
208.8911	6.810033	6.614583	6.8313	3	3	0	865278.9	9266517	11157229
292.2641	17.884	17.88083	17.94167	5	2	3	166044.6	163876.5	179793.4
349.1479	32.175	32.144	32.19283	5	4	1	96123.66	325491.4	430133
689.4929	43.06883	43.05483	43.08617	10	5	5	1675717	23023080	6841965
791.5282	21.04308	20.96633	21.0505	4	1	3	42237.36	37352.04	43589.57
346.2381	32.708	32.62083	32.73083	7	3	4	106294	607787.3	438045
906.7013	40.97875	40.82	41.07417	4	0	3	349867.3	57222.14	68607.69
992.6792	30.9415	30.922	31.088	8	5	3	904155.4	2289692	2879506
878.5452	10.29373	10.26028	10.30798	3	0	3	200575	74460.15	106352.3
951.4604	10.77893	10.76447	10.78352	3	0	3	456661.3	221084.2	441176.9
444.2653	20.15467	20.13567	20.28383	3	0	3	208470	80314.56	12826.42
518.1865	10.69302	10.65117	10.77118	6	3	3	1646393	3317654	5805132
391.0026	21.711	21.63667	21.71283	3	0	3	1088444	4330525	5879141
456.0606	25.67708	25.63383	25.69883	6	1	5	243771.2	463191	1013362
718.5324	31.49383	31.48483	31.50383	7	2	5	331587.2	211800.1	202905.9
378.2646	21.52242	21.39833	21.53317	6	2	4	83499.55	129774.9	179345.8
324.0897	16.43977	16.38258	16.67783	4	1	3	266004.2	515857.3	848893.9
424.2599	13.91351	13.90905	13.9424	4	0	4	5002027	87810.52	87373.06
909.6573	33.877	33.8725	33.924	7	3	4	838142.9	1214351	1384099
316.1761	20.029	19.99067	20.09067	4	1	3	52622.36	184187.7	167522.8
513.2946	25.86233	25.82283	25.87367	3	0	3	73749.45	34582.67	12332.79
196.0954	10.9696	10.86645	11.00872	3	0	3	1251096	218211.8	213183
552.4508	9.536167	9.460417	9.64025	8	4	3	4542652	10409451	9669416
595.9236	33.44417	33.40167	33.51067	9	5	4	219099.9	662391.1	691587.4
213.1787	9.515	9.473767	9.596683	9	5	4	6159599	15095140	11725811
397.2014	31.49383	31.41417	31.55583	5	2	3	72228.1	438978.7	271640.1
481.3482	32.28017	32.21783	32.39533	7	4	3	125937.8	584037	588942.5
372.0203	22.14467	22.09383	22.16517	5	1	4	125340.4	357815.8	531185.8
530.3854	33.692	33.65567	33.71167	5	2	3	125979.2	404080.1	345340.5

227.1762	9.474117	9.187083	9.537367	7	4	3	19232762	56825374	39292669
654.3327	43.58	43.55567	43.6355	4	3	1	1438270	2992303	2875405
337.1579	32.146	32.0875	32.176	10	5	5	2680178	8539386	15503024
709.6698	9.4622	9.43065	9.537367	4	1	3	5323020	995754.5	1698250
821.6043	34.03867	33.98233	34.07833	10	5	5	2235264	3621041	4027072
229.0753	18.11417	18.08433	18.17483	8	5	3	62226.18	353340.8	183287.6
529.1299	23.94433	23.929	23.95733	3	0	3	158376.4	17100.96	30983.12
505.2358	19.18817	19.13767	19.19083	3	0	3	216521.5	13647.66	10425.16
735.1653	29.24233	29.228	29.35833	3	0	3	149471.3	62836.65	108840.9
385.121	32.52517	32.4985	32.55117	3	3	0	59975.44	159734.5	229360.2
550.1314	22.136	22.03667	22.1715	5	2	3	88191.59	104505.3	145204.2
175.5348	15.5826	15.5246	15.64342	4	1	3	51685.19	138593.6	235335.9
615.574	9.547417	9.537367	9.6125	4	1	3	1950894	756039.6	1607514
391.3421	40.7595	40.73017	40.83	10	5	5	107561.4	511679.6	395944.1
397.3626	11.02708	10.95727	11.04087	7	3	4	192654.5	455556.2	582339.5
279.2092	30.81158	30.74767	30.89283	6	2	4	57593264	1.21E+08	1.85E+08
525.1222	32.116	32.05783	32.146	4	1	3	96285.8	343348.3	357100.4
480.9106	25.6925	25.65317	25.7185	4	1	3	117897.4	54064.09	115457
371.307	10.4129	10.37933	10.43838	6	2	4	286737.4	874394.5	738771
337.606	32.18525	32.05633	32.2235	4	1	3	87982.89	237064.8	523359.2
499.4037	31.7265	31.711	31.749	7	2	5	200639.9	249630.4	282772
534.3496	9.322017	9.30105	9.337217	7	3	4	3848828	2173055	2215455
234.0468	13.71351	13.62433	13.76397	4	3	1	176755.5	1040257	876116.5
327.2366	14.81522	14.77322	14.92205	9	4	5	84521.53	250593.8	240188.3
453.1269	9.22575	9.10085	9.266617	7	3	3	5767404	4688882	3550280
820.6009	34.03867	33.967	34.07833	10	5	5	4878584	9005021	9966416
485.356	33.803	33.7375	33.94483	9	5	4	1104508	3231045	3728635
331.8518	9.475958	9.460417	9.537367	4	1	3	5848358	1420300	2783975
772.3576	22.29183	22.28917	22.31933	3	3	0	243171.5	785080.3	1172941
409.1756	23.0165	22.95767	23.05333	7	3	4	107315.6	110317.3	92478.63
270.0257	13.36306	13.22485	13.51647	10	5	5	336217.1	1267426	1487358
460.3428	21.51942	21.38433	21.54467	8	3	5	342741.6	842060.9	892919.7
506.2553	9.168508	9.161067	9.231383	4	3	1	1907762	1024492	535078.5
410.0821	30.80633	30.74683	30.83517	3	0	3	239524.7	69138.07	118611.8
364.2029	15.02162	15.01275	15.08275	3	0	3	298495.5	231795.4	129621.1
229.1952	26.05033	26.048	26.12933	5	3	2	122866.4	423691.9	501995.5
702.9413	9.898067	9.793617	9.946383	6	2	4	501643.2	241733.9	343556.2
455.2294	12.72005	12.70247	12.78712	3	0	3	255291.5	24375.88	17061.93
317.1152	30.48758	30.41067	30.52683	4	3	1	977622.3	5155618	5647119
754.1822	29.2135	29.16983	29.2865	7	4	3	139626.8	645700	566358.1
564.2511	21.657	21.557	21.68367	3	0	3	350881.8	142235.4	80748.31
357.1547	14.11493	14.10308	14.17657	3	0	3	216615.3	39320.75	21360.26
533.3211	22.39467	22.37583	22.44367	3	0	3	208399.3	62002.92	29977.55
312.0299	30.9935	30.9495	31.06583	7	2	5	163369.3	382986.9	779597.6
278.2695	28.21433	28.1905	28.235	4	3	1	63200.89	223980.1	253265.6
312.2175	11.48663	11.42127	11.73068	8	4	4	535116.3	2133587	2030611
445.3181	20.12067	20.10683	20.28383	7	3	4	317516.8	391540	549029.3

403.2709	10.42227	10.37933	10.45412	9	4	5	22248046	68201906	89352212
441.1615	37.02083	37.00533	37.02283	4	0	4	139863.6	332928.3	190928.1
219.1746	30.51792	30.4895	30.56083	6	2	4	375711	547020.6	466007.1
622.2815	32.11692	32.08783	32.20817	10	5	5	1269444	2726507	3725610
470.3427	8.979458	8.87615	9.163733	4	3	0	608940.6	1440495	1322767
551.8972	33.58317	33.57067	33.64	7	3	4	365806.1	1061845	1129940
366.1926	38.12175	38.08367	38.21533	8	3	5	191469.3	614894.1	529068.6
349.168	9.507758	9.444983	9.571	4	1	3	4523168	2120951	2681920
865.6309	33.965	33.906	33.99433	9	4	5	1328808	2179232	2468387
953.6838	33.80283	33.7845	33.8535	8	3	5	453945.7	682313.5	844929.4
345.6045	30.99592	30.893	31.03517	10	5	5	711917.7	2121758	731962.4
344.1921	16.41072	16.39732	16.4223	6	3	3	52291.4	123102.6	75360.66
552.2613	26.22483	26.21033	26.24233	5	5	0	51754.45	172049.7	139234.5
271.2828	23.31067	23.27267	23.325	5	2	3	146039.7	162862.1	163584.8
1131.852	10.12634	10.04878	10.1429	6	3	3	1300039	589251.7	884532.7
566.3228	29.21508	29.19917	29.29983	10	5	5	1586684	7208358	7989097
746.4661	10.01772	9.897017	10.03782	7	3	4	790626.7	410242.4	683911.4
285.1828	28.23633	28.20717	28.24967	5	3	2	83872.75	218604.1	251412.4
631.451	38.31458	38.277	38.427	6	2	4	48690.84	171964.1	131233.3
468.8454	39.17392	39.12233	39.223	4	1	3	64864.6	169917.5	179417.3
215.511	9.537367	9.52075	9.545617	3	0	3	2170453	678654	1364737
649.4506	34.39725	34.36367	34.408	4	1	3	110253.9	153653.5	114348.1
435.526	31.0085	30.99333	31.088	5	1	4	117119	189543.7	423832.7
520.9713	32.12658	32.07267	32.1585	6	1	5	95270.91	248554.7	508878.9
630.4799	31.58375	31.56967	31.63033	8	3	5	557461.8	402751.9	434314.8
776.5747	34.11558	34.06667	34.148	10	5	5	8673830	16057132	17673804
485.8578	33.79783	33.70233	33.8535	10	5	5	561420.2	1489827	1648790
200.2375	21.50483	21.4125	21.551	4	1	3	81595.36	108164.4	72424
304.8915	2.091658	2.052283	2.159217	8	5	3	212897.7	783659.5	323654.9
369.0556	30.76242	30.73283	30.80633	4	1	3	1053188	425348.7	674840.9
534.2558	22.30758	22.22933	22.349	6	2	4	46986.25	162384.9	64160.14
442.3331	33.96083	33.93567	33.99433	5	2	3	144816.7	343086.6	321508.3
491.943	25.66883	25.64683	25.689	4	1	3	52985.18	91082.87	195328.4
435.3684	40.66	40.64033	40.72183	10	5	5	126344.3	402735.7	340913.9
330.5085	9.469283	9.444983	9.537367	4	1	3	3259342	567005	1137844
600.4234	9.6081	9.5879	9.64025	7	3	4	3069214	2496591	1759870
732.1496	10.69534	10.64867	10.75042	4	1	3	176979.2	265469.1	317075.4
483.6464	8.894167	8.765467	8.9587	3	3	0	165769.1	286585.6	274102.9
614.4849	36.28558	36.26167	36.32783	6	3	3	442645.3	2764683	2689110
374.6649	9.526042	9.460417	9.537367	4	1	3	2770131	2856179	4469625
864.6275	33.9625	33.8995	33.99433	10	5	5	2817812	5224461	5950943
170.005	9.482133	9.3803	9.596683	8	5	3	16385483	12211859	14106566
357.2403	38.379	38.32433	38.38883	3	0	3	178462	289999.3	103644.6
642.5158	42.83833	42.82033	42.87467	6	2	4	45401.96	320597.8	100857.8
392.1783	18.15675	18.1035	18.1595	4	4	0	134176	373462.9	365889.2
543.3983	38.76458	38.733	38.86817	8	4	4	162223.6	318778.9	329651.5
713.5128	43.0025	42.96817	43.02783	3	0	3	38389	223776.2	65261.97

336.2079	18.094	18.06983	18.09483	3	0	3	1700274	595044.6	295049.2
291.6309	29.11867	29.07883	29.17717	6	4	2	138099.9	487041.7	489854
591.326	29.1395	29.11083	29.2115	9	5	4	374347.5	1141175	1378556
548.9003	43.879	43.8635	43.91483	10	5	5	615891.3	7776348	2293974
283.2829	39.47517	39.42633	39.52017	6	2	4	110659.6	644523.5	477066.7
481.3738	31.7265	31.69683	31.752	7	3	4	199904.1	218160.1	272835.4
702.1441	28.39717	28.36683	28.47817	6	2	4	218820.4	367988.5	498436.1
332.1592	13.1941	13.13913	13.21922	3	0	3	558080.1	136605.1	51251.74
768.4794	10.05975	10.05278	10.07255	4	1	3	571886.6	324902.9	538155.6
455.3719	29.73867	29.70133	29.76983	8	3	5	124403.5	255355.2	251383.1
248.9484	30.79083	30.74767	30.83517	4	0	4	88209.31	292172	575121.7
583.9441	22.996	22.98967	23.012	5	2	3	91811.72	334784.1	395681.7
636.4004	32.34217	32.29083	32.41583	5	2	3	54915.86	333825.8	183255.3
910.6606	33.90133	33.87667	33.924	7	3	4	198787.2	291225.7	382647.4
567.3263	29.21517	29.19917	29.31467	9	5	4	453489.8	1874284	2092956
908.6539	33.87683	33.8235	33.924	10	5	5	1667095	2768482	3174950
468.6936	10.67897	10.63528	10.7506	5	2	3	2746346	1566267	2955533
408.2289	12.92212	12.86173	12.98715	3	0	3	766295.5	222240.1	193752.9
507.3693	33.73242	33.657	33.78267	10	5	5	962381.9	3141614	3425310
252.2326	16.08674	16.02958	16.10027	8	3	5	111377.3	209942.4	202977.3
596.9448	30.76233	30.474	30.84967	5	1	4	132073.6	277406.4	606456.5
826.5912	9.888083	9.866317	9.918383	4	1	3	496746.6	202370.9	408862.5
244.2641	22.09275	22.02083	22.1355	10	5	5	1562017	3423776	2905435
336.5952	27.68017	27.62417	27.75583	10	5	5	662846.6	3823633	3870750
376.2125	16.72167	16.70383	16.743	3	3	0	876335.4	2763749	4094857
530.3223	29.78817	29.75533	29.87017	5	3	2	128063.5	507220.7	521459.1
420.1111	21.417	21.32883	21.46383	6	2	4	6239457	20509146	33078922
396.168	36.96133	36.94767	37.00783	3	0	3	178187.5	1349364	419092.2
497.3846	9.791017	9.7252	9.792833	3	0	3	196195.6	70272.85	132231.4
302.2331	27.67733	27.61717	27.707	5	2	3	44497.2	246409.5	110258.2
418.1319	28.12433	28.05933	28.162	7	2	5	300276.1	736319.4	1034406
672.4129	9.6609	9.6396	9.70935	5	2	3	1980775	692793.9	992693
498.4018	9.175408	8.988167	9.26485	4	3	1	731454.4	1836368	1147157
399.0922	22.77342	22.7225	22.80117	4	4	0	84038.62	247811	289113.4
321.2469	24.88633	24.81683	24.89	4	3	1	343529.3	1151611	1527881
455.3455	39.25692	39.1935	39.342	8	4	4	208727.7	335680.2	314052.2
378.2644	30.84733	30.79183	30.88867	5	3	2	67980.27	632839	416063
996.7065	33.7245	33.68233	33.78267	9	4	5	595880.3	757995	956675.5
623.2976	32.12658	32.07333	32.20817	8	4	4	290261.6	695815.8	972676.8
728.1854	29.11767	29.08283	29.163	6	4	2	134300.2	496808.8	500665.6
781.2004	30.24433	30.20633	30.24533	3	3	0	36892.54	110097.5	125372.4
414.1864	18.636	18.626	18.67533	5	3	2	722526.9	873150.8	1253615
561.9066	28.89692	28.818	29.04817	6	3	3	69524.91	79488.66	89847.48
362.37	37.33983	37.2845	37.5325	7	3	4	18649.01	69876.39	16430.53
215.6901	9.518825	9.460417	9.537367	4	1	3	7058330	2031274	4012068
606.3088	32.11667	32.05883	32.19283	9	5	4	614879.3	3390273	4057057
592.3385	30.26683	30.23533	30.36167	9	5	4	847485.4	2895953	3398561

511.3588	33.43	33.35533	33.54917	7	5	2	127795.8	803465.9	542856.1
463.8447	33.8915	33.82983	33.98133	10	4	5	571703.9	1517894	1730162
777.578	34.11908	34.05983	34.148	10	5	5	3700886	6449763	7144762
387.2505	9.657833	9.188017	9.7372	10	4	5	2.76E+08	6.03E+08	5.66E+08
207.0047	22.81925	22.76683	22.845	6	2	4	34188.96	53959.87	43507.53
472.8692	13.28545	13.23695	13.35967	3	0	3	99556.02	320590.6	683007.8
556.0126	30.75525	30.48833	30.83517	6	1	4	424321.7	109303.9	229703.7
401.1546	10.4163	10.36242	10.44485	4	3	1	6503439	7929669	10373230
445.0285	25.68617	25.64683	25.69883	5	1	4	292975.6	184821.1	380781.3
288.6134	25.67167	25.66133	25.697	3	0	3	48220.53	28088.83	62808.54
289.6416	32.13383	32.10167	32.17767	8	3	5	473640.9	1929292	2943796
234.1622	23.86342	23.77933	23.89933	8	5	3	613866.6	2317830	2900725
343.1535	22.107	22.079	22.13033	5	2	3	114437.8	154569.9	87281.43
561.1617	22.11867	22.10083	22.16383	6	3	3	217560.9	781543.5	978320.1
476.1368	9.460417	9.43065	9.7455	5	1	4	7398723	634558.9	1346196
330.6683	9.469283	9.444983	9.537367	4	1	3	5674760	1254103	2108329
866.6342	33.965	33.94983	33.99433	7	3	4	327939.3	521644.5	629916.3
486.3591	33.83283	33.78767	33.8755	6	3	3	132493.5	415627.8	399908.1
279.2322	28.88383	28.86333	28.92233	3	0	3	178349	1051945	234279.1
473.8293	29.68883	29.6215	29.74233	10	5	5	78729.1	386609.7	187599.5
338.1874	15.9387	15.93788	15.98288	3	0	3	130934.1	57721.33	34455.65
616.4645	19.48642	19.43133	19.58883	8	3	5	222927.2	1675452	1886114
529.3262	24.37483	24.372	24.38867	3	0	3	120496.5	57311.71	36209.82
324.3161	9.483542	9.444983	9.537367	4	1	3	1766359	1412509	2970078
564.3076	26.88367	26.85383	26.93283	7	4	3	117114.7	332690.2	347067.7
318.2069	17.07583	17.0515	17.09983	5	2	3	49761.25	370215.8	177449.6
340.121	18.47133	18.38933	18.58117	7	2	5	90134.62	173000.4	191853.6
333.6106	9.515567	9.47815	9.545617	5	2	3	13347642	3178855	5623667
173.3905	9.463983	9.444983	9.537367	3	0	3	1964503	1539167	2230156
357.1122	27.252	27.20017	27.27283	5	2	3	52428.81	140563.2	116578.2
434.3636	29.14083	29.094	29.18517	6	3	3	110557.1	120321.5	114645.3
730.3356	22.2675	22.18833	22.33417	4	3	1	927363.9	2966275	4709418
309.3268	35.16842	35.14667	35.20567	8	4	4	103872	578900.6	387210.3
464.2051	9.4622	9.416233	9.537367	4	1	3	1793104	736035.4	1428549
905.686	9.817433	9.591833	9.862433	7	3	3	9435741	10475641	13826736
499.8736	39.03317	38.95917	39.08967	5	2	3	92951.28	180668.6	193982.9
630.5069	40.145	40.07883	40.17467	6	3	3	318349.5	230206.6	128833
265.2359	13.13328	13.09513	13.17767	8	3	5	742855.4	916656.7	818572.3
656.0167	9.4622	9.416233	9.537367	4	1	3	6329733	1001335	1675386
478.489	9.463983	9.416233	9.537367	3	0	3	4643954	225987	491258.4
735.0718	9.448158	9.416233	9.537367	4	1	3	6504113	887723.7	1460708
1005.609	9.21455	9.101033	9.266617	5	2	3	6872832	1883063	2042076
520.395	10.99405	10.9416	11.1144	9	4	5	173640.7	300309.3	359905.3
159.5249	17.12658	16.97633	17.2145	6	1	5	86811.75	179356.5	295239.8
678.5129	9.48745	9.2722	9.751083	9	3	4	1.83E+08	23728529	36364459
283.0701	4.353917	4.2154	4.41305	3	3	0	3251329	1.35E+08	2.11E+08
500.2384	11.7754	11.74298	11.92125	3	0	3	829444.8	12144.07	9979.838

532.2565	31.3185	31.301	31.32883	3	0	3	52485.29	60484.78	20165.72
220.178	13.11878	13.09513	13.1243	6	3	3	1327971	1889589	1732086
865.5983	42.19625	42.10933	42.22883	4	1	3	51568.42	240827.6	127153.8
716.354	43.60158	43.55817	43.6645	8	3	5	83566.54	368757.4	210629.4
368.7225	9.546583	9.4881	9.584433	8	5	3	79949816	1.02E+08	1.48E+08
265.1955	31.324	31.301	31.37217	4	0	4	49579.02	146407.9	66797.45
732.5482	34.20883	34.152	34.2315	10	5	5	13103915	26080960	28313189
287.8893	18.47633	18.38883	18.61717	5	3	1	7600234	58932008	90096420
822.6074	34.03867	34.02717	34.07833	8	3	5	550264.3	834393.5	955972.3
573.9105	33.50883	33.43183	33.58283	9	4	5	308784.2	859446.9	926331.1
626.2754	22.12717	22.03667	22.15067	5	2	3	356800	748253.6	901653.7
485.3422	9.988417	9.93755	10.00747	7	4	3	348423.2	371581.7	433562.5
487.0832	26.16692	26.1375	26.18083	6	2	4	88836.13	105847.5	158985.5
236.1594	23.88408	23.79267	23.9295	6	3	3	160011.3	527585.9	663720.2
307.0494	17.14067	17.0745	17.1785	4	1	3	33164.68	101657.5	98338.6
804.9919	9.902742	9.895317	9.946383	4	1	3	384360.8	207101.3	349716
499.1878	22.51683	22.50633	22.54667	3	0	3	200594.2	56769.53	24334.17
1852.103	9.507758	9.460417	9.545617	4	1	3	4515107	647701.5	1391875
165.9781	22.81183	22.74667	22.82667	3	0	3	49606.05	57787.17	38169.98
292.0753	22.13133	22.05267	22.136	4	1	3	103934.3	150927.3	186316.6
485.0882	32.12117	32.07267	32.146	6	1	5	88128	234964.3	442033.4
685.7516	9.4622	9.43065	9.537367	4	1	3	16813316	13668897	14835111
441.1701	9.643992	9.43065	9.7055	8	3	3	62000760	81697701	1.37E+08
464.9083	15.88828	15.85965	15.95405	5	1	4	61464.93	135533.4	265700.9
412.8078	31.42133	31.37217	31.45333	10	5	5	301824.9	1010295	679504.6
942.492	41.2075	41.14833	41.26683	4	3	1	38156.12	90026.57	58226.36
587.457	31.64183	31.62617	31.66567	5	2	3	192728.9	132701.5	160018.4
667.2932	22.11583	22.05267	22.16383	5	2	3	168397.1	436602.9	586019.8
305.0876	25.67292	25.66133	25.6825	4	1	3	115956.3	220328.3	377991.1
564.0626	28.10267	28.05933	28.14683	3	0	3	43368.63	52010.97	97560.24
597.1198	24.35967	24.31317	24.38717	4	1	3	61512.2	66319.77	110592.6
264.2326	13.13351	13.09513	13.20888	10	5	5	4044303	6964035	6384611
778.2012	30.26283	30.23533	30.33617	7	4	3	124735	562278	502488.1
1010.498	9.448158	9.416233	9.537367	4	1	3	2193726	572141.5	1279347
867.1906	41.2005	41.1485	41.2225	6	3	3	47442.96	84713.81	79211.94
469.3874	30.53508	30.50483	30.57533	8	3	5	1702238	2167646	1966221
470.3906	30.53017	30.50483	30.57533	6	3	3	218861.7	234930.6	208809.4
411.8032	34.23067	34.19083	34.27683	7	3	4	61396.22	111253.6	124844.1
656.9134	9.4622	9.444983	9.537367	4	1	3	12845569	2133706	4582870
465.3383	9.4622	9.416233	9.537367	4	1	3	1991879	1627391	1398324
781.2634	31.32358	31.301	31.34333	4	0	4	905187.3	3501.997	3301.526
594.2824	22.06333	22.005	22.079	3	0	3	52274.08	51217.67	33499.92
550.0475	32.87817	32.80567	32.94583	3	0	3	37929.86	65375.01	69363.89
592.927	43.59542	43.572	43.63417	10	5	5	588926.6	6184632	1387724
237.1137	12.10555	12.05648	12.21482	3	0	3	396364.7	333467.3	222654.1
365.1712	18.62067	18.596	18.646	6	3	3	455483.7	775457.2	939298.4
299.0794	31.57083	31.49983	31.60233	5	4	1	40380.68	163179.1	91094.73

503.8872	27.664	27.609	27.8035	10	5	5	2063124	12578419	11648199
187.0753	31.65433	31.61217	31.69017	4	3	1	73462.51	273172.9	189901.8
734.4374	9.537367	9.444983	9.563383	3	0	3	18647486	15549108	27506045
468.3839	30.541	30.50483	30.61833	9	4	5	5104972	7385036	6706851
470.3711	9.20005	9.101033	9.280533	7	5	2	8624914	18483491	14356133
373.9835	13.7406	13.44552	13.75475	5	1	3	91946.67	242994.4	412781.6
576.2756	32.102	32.04183	32.20817	10	5	5	3633779	12705473	17285256
415.281	11.18192	11.13748	11.33565	9	4	5	187249.4	499803	586570.5
590.323	29.1395	29.111	29.22633	9	5	4	1514938	4183844	5046906
565.4115	38.63917	38.59683	38.7505	7	3	4	105842	373734.9	292744.3
526.2771	21.95658	21.84667	21.991	4	1	3	68935.86	250776	116339.9
410.348	31.75125	31.72517	31.81633	10	5	5	673990.4	1359223	1537170
302.1448	30.44833	30.34733	30.51617	6	2	4	795246.9	4417042	5120624
697.1939	30.98783	30.90517	31.07383	8	3	5	658019.6	1647707	3422918
1104.669	10.68129	10.599	10.77118	6	3	3	8055949	4948646	6256672
937.6891	39.13883	39.12233	39.223	5	2	3	124759.6	179180.6	238487.8
411.1204	31.301	31.29083	31.32867	3	0	3	211806.3	80725.92	30648.15
703.1474	28.42917	28.36683	28.46717	4	1	3	66455.27	75755.03	98783.73
413.2968	9.86295	9.73415	9.918383	10	5	4	3721798	2440305	3970346
444.2347	30.51467	30.5045	30.52	3	0	3	54901.84	79945.45	27728.78
297.6283	26.88483	26.834	26.919	5	2	3	34352.25	43969.2	61633.73
410.3117	27.546	27.51533	27.648	3	0	3	95959.87	227015.1	246702.1
734.5546	34.2125	34.1365	34.2315	9	4	5	1350434	1929927	2132666
410.8035	34.039	34.00583	34.06433	9	4	5	568283.3	1481094	1699561
290.2485	14.93581	14.89205	15.00128	8	3	5	682462.7	2019297	1949985
291.1301	29.25175	29.228	29.28517	4	1	3	103513.8	147083.8	245747.7
372.3307	25.19767	25.14933	25.24533	5	2	3	45064.5	218562.2	120706
339.301	30.36667	30.35117	30.4455	5	3	2	174058.9	255185.9	174539.3
302.1331	29.24733	29.19917	29.31467	3	0	3	113372.5	130354	215291.9
753.5206	29.82258	29.79967	29.834	10	5	5	681369.9	6533665	1174345
282.633	26.23842	26.202	26.31783	6	2	4	148466.5	314032.2	485460.2
368.4171	9.522017	9.460417	9.545617	4	1	3	7208776	2052886	4056983
542.323	29.12633	29.09717	29.22633	9	5	4	833925.4	2480435	3026945
379.1874	18.8655	18.849	18.8805	7	4	3	192178.4	327212.7	210075.8
415.0884	19.205	19.2025	19.22433	3	0	3	60655.29	74363.2	90377.53
754.6476	9.53435	9.52075	9.6125	4	1	3	3661837	1142291	2372442
517.0613	25.9055	25.90167	25.9325	5	1	4	82372.63	140164	283023.9
392.3166	22.888	22.85933	22.93817	4	1	3	60079.66	462630.3	184298.7
499.372	39.00217	38.98067	39.10433	6	2	4	189171.6	417123	367183.5
292.2642	15.70459	15.67685	15.77112	6	2	4	280850.5	249516.3	252532.1
556.177	10.72897	10.62815	10.75515	4	1	3	277206.2	260255.6	464967.2
336.2076	13.43883	13.40492	13.48825	3	0	3	655228.9	327581.5	168396.5
402.2681	10.42227	10.36523	10.45412	9	4	5	1.62E+08	5.11E+08	6.28E+08
332.1785	12.10555	12.09918	12.21482	3	0	3	387932.1	112794.4	43211.32
317.6367	30.23533	30.21567	30.2605	3	3	0	67542.27	181295.4	221385.2
469.9552	17.14917	17.06583	17.1765	3	0	3	57591.22	94994.79	184841.3
636.4795	39.8315	39.8055	39.89233	5	2	3	139058.3	1170881	1303454

344.2996	20.14467	20.103	20.3295	8	3	5	57263.2	147458.5	135427.5
731.3391	22.26017	22.21783	22.28967	3	3	0	380271.1	1150930	1866668
1132.855	10.11891	10.03768	10.1429	6	4	2	732904.5	380053	564879.2
991.6753	30.95083	30.93483	31.07383	9	5	4	1745811	4547354	5942693
790.5905	35.84433	35.82833	35.87767	6	2	4	277230.3	2111080	1713257
323.2421	25.24242	25.16817	25.30433	8	4	4	311136.9	1485077	1662049
313.2361	12.67882	12.64	12.82703	8	3	5	95994.2	276258.8	341982.2
182.0391	21.67925	21.5865	21.69633	4	1	3	49258.65	266156	234158.8
332.0986	22.13158	22.03667	22.14983	6	2	4	1106299	2315325	3126214
315.0932	24.93975	24.92217	25.0185	4	3	1	33313.48	103809.2	45847.74
1847.875	9.47815	9.416233	9.537367	3	0	3	3108912	300342.4	671586.1
325.3218	37.43775	37.40167	37.63617	10	5	5	90743.55	602272.5	362412.1
609.4383	38.41667	38.38267	38.53	6	3	3	73226.5	214697.9	165676.1
779.4037	9.5376	9.427233	9.584433	6	4	2	89968072	4626237	2676441
442.2904	8.913742	8.730367	8.9755	8	5	3	772307.8	1901757	1792921
636.1078	26.43675	26.416	26.474	4	1	3	53288.49	64201.77	88047.44
509.9781	17.14917	17.08033	17.161	3	0	3	46682.66	52433.73	115444.1
529.8842	33.64317	33.59667	33.71167	10	5	5	420508.7	1326815	1445462
452.3948	40.65108	40.62483	40.70633	10	5	5	411137.8	1081317	688309.1
340.2206	24.33633	24.31317	24.35767	4	0	4	80664.69	176163.8	93461.23
777.1888	29.11133	29.09583	29.13483	4	3	1	85650.4	189160.7	184443.4
834.6434	44.79867	44.76633	44.876	10	5	5	176996.3	1329666	364970.7
332.2594	9.508475	9.401867	9.572217	4	3	1	2268338	1027165	1047050
411.3515	31.74583	31.7245	31.78267	7	3	4	107536.5	208641.1	260715.9
639.9503	33.29833	33.2885	33.39433	6	2	4	141876	411035.2	424016.2
702.5375	34.12717	34.083	34.13417	5	2	3	585335.3	6645870	7214767
203.1433	13.12258	13.10973	13.13668	5	3	2	254132.1	404130.1	250827.7
583.377	8.917533	8.747883	8.96825	3	3	0	588209.1	1055685	1504631
463.0343	22.99917	22.938	23.01867	7	5	2	126090.2	454383	517176.5
247.2062	26.08983	25.99033	26.10283	5	2	3	143866.5	666445.3	622156.5
386.3996	42.79975	42.719	42.99867	6	2	4	20101.63	125303.9	36687.3
778.5811	34.137	34.10417	34.148	8	3	5	892355.3	1364985	1517655
383.122	32.52517	32.5135	32.55117	3	3	0	92343.3	303817.5	384767.7
687.3296	18.58858	18.56617	18.6065	4	3	1	495351.3	1812126	2995330
480.4085	19.68958	19.68733	19.8	4	1	3	34527.52	46479.68	52293.37
737.2664	9.463983	9.416233	9.537367	3	0	3	4792515	501806.3	857797.4
733.5516	34.20933	34.152	34.2315	10	5	5	5257362	10101677	11126348
387.7221	9.537367	9.4881	9.584433	9	5	4	9699433	8887341	13138607
270.2794	23.31133	23.27267	23.3685	9	4	5	1064678	1401519	1315460
734.1621	29.24233	29.228	29.31467	5	1	4	624089.6	255256.6	398598.3
419.2908	20.86083	20.817	20.91867	5	2	3	71193.74	548192.8	177609.6
419.2046	26.58467	26.531	26.62083	4	0	4	80365.2	72003.69	33440.18
401.2989	10.436	10.41848	10.47928	4	0	4	5.96E+08	2.01E+09	1.82E+09
456.4053	35.16892	35.147	35.20517	4	1	3	47121.95	61821.78	54610.58
426.1946	24.136	24.12	24.16567	5	1	4	63345.38	271425.3	92852.46
412.1893	18.63767	18.62583	18.67533	7	4	3	2179990	3223591	4935380
667.3384	10.02349	9.9897	10.04445	6	3	3	9542765	4066459	7373820

539.4044	12.1581	12.14913	12.18558	6	2	4	217240.2	594763.1	698152.9
634.2603	9.4622	9.43065	9.537367	4	1	3	3825713	2654165	5683552
395.8901	32.31267	32.2815	32.366	3	0	3	256553.4	4243.162	2578.861
954.6864	33.81767	33.80033	33.8535	5	2	3	150633.4	163652.4	212170
677.4998	9.4101	9.317883	9.591083	6	3	2	75162128	20839723	15673262
280.2277	11.97556	11.95348	12.119	8	3	5	757318.6	938506.4	1023684
615.9287	9.52075	9.5169	9.537367	3	0	3	2521847	1159382	2279572
263.3479	9.4622	9.416233	9.537367	4	1	3	5394014	610001.3	1334511
581.4254	19.93283	19.92233	20.09133	5	1	4	40168.91	56767.06	97556.16
415.2545	8.910642	8.677417	8.95155	4	3	1	386451.1	1140497	1315297
262.9801	9.4622	9.43065	9.537367	4	1	3	5497257	617267.2	1293215
952.68	33.80058	33.74783	33.8535	10	5	5	1023343	1487464	1743490
833.3501	10.67225	10.63755	10.77118	8	4	4	3642456	4375116	4569598
344.3164	27.05917	27	27.08917	5	2	3	1514619	3967990	6210237
1040.733	33.66942	33.6305	33.71167	6	2	4	308334.8	392965.3	525609.2
782.9788	9.862483	9.8518	9.932383	5	2	3	485132.2	264562.5	415769.1
602.9448	43.60225	43.55683	43.6235	10	5	5	184504.7	2221707	662220.8
341.1164	8.699883	8.608267	8.751467	3	0	3	3191425	546405.5	892762.5
388.1786	23.94433	23.836	23.9735	7	2	5	832736.9	205364.5	166545.4
616.4278	10.02258	9.981967	10.05848	5	2	3	852024.9	319831.9	337866.5
1761.086	9.469283	9.444983	9.537367	4	1	3	6834538	1457196	2880974
163.0755	12.93302	12.84737	13.10903	8	4	4	2995055	3703868	3107053
373.2862	13.83593	13.76062	13.85498	6	2	4	59404.53	121145.8	134678.4
668.3415	10.01235	9.9637	10.04445	7	3	4	2881833	1108336	2047138
565.9133	38.64808	38.612	38.7505	6	2	4	81935.73	161756.1	145601.4
366.0301	9.511783	9.460417	9.537367	4	1	3	6954658	2018265	4170409
227.064	21.30217	21.19517	21.304	3	0	3	1474394	380019.3	76190.73
1084.426	9.4622	9.416233	9.537367	4	1	3	3055420	1038821	2232698
782.4769	9.880883	9.866317	9.904433	4	1	3	674044.3	351842.1	438307.9
360.3629	37.34508	37.32033	37.50283	10	5	5	599242.9	6239163	1217809
774.0744	28.429	28.39517	28.52317	5	1	4	111246.6	97622.83	173735.4
652.6772	9.4622	9.444983	9.537367	4	1	3	16417399	2359827	5036786
577.0323	10.24898	10.12493	10.25657	5	3	2	179218.5	68590.36	80700.08
479.1083	22.10717	22.08617	22.136	4	3	1	94912.41	206098.5	260251.2
516.9426	22.108	22.06867	22.14983	4	0	4	71309.76	249808.5	329054.3
553.445	33.85075	33.81483	33.887	8	3	5	480271.9	1072105	1155357
1004.599	9.4622	9.416233	9.537367	4	1	3	4349877	1251206	2711825
278.104	26.15183	26.12217	26.205	3	0	3	76016.49	81966.38	76198.42
756.3044	9.53435	9.52075	9.626317	4	1	3	9381849	3370859	6723312
797.5472	29.79267	29.76983	29.80333	10	5	5	494283.1	3985490	550318.2
298.2383	21.44917	21.40183	21.47633	5	2	3	55193.35	220343	263982.7
432.1692	24.8385	24.8165	24.8735	3	0	3	240579.7	520012.5	595822.8
404.0017	25.68558	25.67167	25.69883	4	1	3	133900.8	64399.9	136752.4
702.4981	6.39755	6.026783	6.557917	6	3	2	2990669	15789896	25567922
425.3347	44.76708	44.73667	44.88683	10	5	5	91262.02	862647.1	127510.4
424.8474	10.21668	9.9231	10.25052	5	1	4	196059.8	72277.54	87940.91
434.1706	37.59183	37.58017	37.61417	3	0	3	124259.5	874145.3	140461.7

408.2287	10.98405	10.86645	11.00872	3	0	3	1478621	131191.6	96497.24
281.5758	9.455275	9.43065	9.537367	4	1	3	5390541	569996.8	1181718
350.4518	9.469283	9.444983	9.537367	4	1	3	3325039	1289822	1664682
735.5569	34.2135	34.18617	34.2315	5	2	3	180568.9	284781.7	336199.4
498.9944	9.455275	9.43065	9.537367	4	1	3	6156472	598896.6	1291032
936.6852	39.12783	39.094	39.223	8	3	5	278944.5	443470.6	536786.7
330.8287	9.47815	9.444983	9.537367	3	0	3	7498111	2566022	5557244
760.4501	9.53435	9.506667	9.626317	4	1	3	4901124	2169831	3574856
458.0145	9.463983	9.416233	9.537367	3	0	3	3050365	213518.2	454573.4
219.1747	16.35523	16.29342	16.41442	5	2	3	692387.3	1865379	2206070
215.943	9.548692	9.52075	9.598583	4	1	3	2724454	999942.9	870760.4
442.3475	10.03412	9.982717	10.06057	5	3	2	176215.8	218901.7	249718.6
325.1661	38.1675	38.09733	38.21533	4	1	3	68145.7	329893.2	50237.73
260.5818	18.10333	18.06167	18.158	5	2	3	78028.33	115935.1	156334.4
543.3262	29.11083	29.09717	29.1395	5	5	0	220832.2	532563.4	697576.4
416.0103	22.10083	22.04967	22.21683	9	4	4	57199.86	353210.3	186158.2
653.1222	9.463983	9.444983	9.64025	5	1	3	20096896	2998905	6337016
331.6506	9.4622	9.444983	9.537367	4	1	3	6786822	1596441	3043172
480.107	26.4435	26.42867	26.45933	5	2	3	126499.9	214097.1	291528.9
1667.22	9.541492	9.49235	9.6125	4	1	3	6693976	1596009	3230818
1085.762	33.59408	33.56383	33.64	4	1	3	114725.8	81939.57	134218
280.1759	24.41067	24.3575	24.452	6	2	4	264850	1210025	1155860
475.977	9.455083	9.43065	9.537367	4	1	3	8799526	826706.5	1688779
570.9136	43.738	43.71783	43.7605	10	5	5	639878.5	7259158	1522581
433.3327	39.41408	39.384	39.47567	4	1	3	228919.8	400824.7	210924.8
277.1286	11.47946	11.44367	11.65552	4	0	4	266868.6	342664.9	351180.4
301.6314	29.21367	29.19333	29.32917	7	2	5	274872.6	664401.1	1025523
1089.974	9.460417	9.416233	9.654	5	1	3	4315333	1099578	2458730
499.7901	9.463983	9.43065	9.537367	3	0	3	5591359	574600.4	1150756
727.4361	10.66553	10.599	10.77118	9	5	4	14198064	26724232	34251363
507.0366	22.76783	22.71633	22.80117	5	1	4	99392.6	101470.7	168201.6
554.3974	27.9995	27.942	28.13683	9	4	5	120844.1	521798.1	310016.4
700.522	40.13642	40.0945	40.17767	6	3	3	30193.69	102464.5	84598.6
384.1798	22.107	22.079	22.1365	3	0	3	86068.08	99825.17	116844.8
275.037	28.12492	28.04433	28.16133	4	1	3	56575.83	113708.2	176828.9
814.1267	31.00133	30.95017	31.07383	6	1	5	208494.2	564343.7	1197502
417.3238	9.178658	9.101033	9.280533	6	4	2	1502633	3331279	2260370
322.9714	16.95833	16.92767	16.97633	7	5	2	3164099	656691.2	319798.6
676.8031	9.4622	9.444983	9.537367	4	1	3	6999619	3991500	8185994
466.1765	19.817	19.79067	20.02417	5	4	1	37969.59	117198	117465.3
373.1311	32.48275	32.37967	32.56617	8	3	5	1765971	3706273	7349639
423.0044	21.72217	21.69833	21.72567	3	0	3	41255.83	35386.89	56819.24
331.5101	9.463983	9.444983	9.537367	3	0	3	15410211	3352471	7114413
282.1031	21.70225	21.69333	21.78583	4	1	3	37477.54	75641	80893.5
636.5072	10.43532	10.35103	10.45412	8	3	5	3755239	2714047	3986658
492.9396	25.68033	25.64833	25.69883	6	1	5	187424	412128.8	902637.1
218.0603	21.68167	21.57183	21.6935	3	0	3	31213.14	56850.44	13652.9

615.0302	17.20683	17.1625	17.2395	7	3	4	41119.52	124844.4	120704
266.22	26.08342	26.01917	26.17833	10	5	5	415954.8	1607488	1956898
396.885	32.32733	32.2965	32.3515	3	0	3	1174344	9993.832	14331.85
356.4745	9.483125	9.460417	9.537367	4	1	3	5826139	1775854	2836422
458.1831	20.64967	20.57667	20.76733	6	3	3	944519.5	964850.8	1128259
439.0462	22.1365	22.05267	22.1715	7	2	5	232258.8	836720.2	1319381
389.2923	34.13	34.11217	34.162	6	2	4	123113.2	280702.1	299608.1
427.3046	11.2544	11.14327	11.31892	9	4	5	292049.8	599855	668188.6
285.032	23.1945	23.1585	23.22367	5	1	4	62895.23	87588.86	107373.6
339.1054	32.12167	32.05633	32.20817	5	1	4	225232.8	893080.3	1314879
504.3889	27.66675	27.609	27.81933	10	5	5	1295683	7703388	6754642
279.1118	28.40525	28.35633	28.49317	6	2	4	215905.8	488001.9	309286.6
350.1025	9.507758	9.460417	9.545617	4	1	3	7135573	1536788	2943426
564.2513	24.42	24.41817	24.44517	3	0	3	221338.2	199677.3	95821.71
600.4084	9.457567	9.373117	9.584867	6	2	3	1130895	1970074	1660604
342.978	15.87564	15.75735	15.98467	4	0	3	33989.69	39482.94	78586.59
224.096	18.14925	18.08867	18.2155	6	4	2	73477.42	346048.9	245444.5
656.4647	9.500675	9.444983	9.5571	4	1	3	10684544	2615390	5469047
527.3888	44.01717	43.982	44.0715	10	5	5	327428.9	3898448	817242.7
585.9423	22.99133	22.928	23.01033	3	3	0	100153.9	320054.4	389427.9
477.1589	10.67382	10.56983	10.77118	6	2	4	1068995	1417425	2750450
521.0846	27.17867	27.16517	27.22933	5	3	2	91165.71	277066.8	406640
341.4747	9.537367	9.47815	9.5571	5	2	3	12252747	2970154	5076406
290.6393	32.12117	32.08783	32.20817	7	2	5	169844.1	630886.1	988813
1675.946	9.541492	9.506667	9.6125	4	1	3	4880974	1352797	2966796
621.4413	29.92258	29.90533	29.93117	10	5	5	861020.4	8432033	1703004
659.5496	9.463983	9.444983	9.537367	5	2	3	25244304	24651591	38615244
347.0906	16.92833	16.8745	16.96167	8	3	5	804414.4	1243291	2092949
386.9835	21.74033	21.72217	21.80067	3	0	3	502832.2	1091511	1529319
441.7886	8.904467	8.730367	8.9755	9	5	4	1562544	4341427	3908836
997.7101	33.73617	33.7135	33.78267	6	2	4	262281.5	382848.6	498311.4
216.4547	9.537367	9.460417	9.6125	5	1	3	3936344	1052236	1907262
535.0314	22.753	22.70183	22.78383	7	2	5	588561.4	843475	1291041
696.1909	30.97317	30.93483	31.07383	9	4	5	2170459	6219983	12296704
394.1471	25.9055	25.887	25.9325	5	1	4	79810.59	205898	263205.7
324.1987	14.26493	14.25112	14.2742	3	0	3	322918.8	122750.7	106487.2
636.9782	9.534967	9.43065	9.537367	3	0	3	1884859	1344388	2897019
445.1951	30.78433	30.73283	30.84967	4	0	4	147572.8	115555.8	181915
499.199	29.373	29.33233	29.37533	3	0	3	1481821	610243.2	1037100
331.158	10.75042	10.68362	10.77893	5	1	4	1535401	453340.6	595643.7
424.1738	13.28594	13.25417	13.31607	4	3	1	370918.5	1216352	1885819
429.7839	23.39817	23.325	23.42017	5	2	3	103969.6	243005.7	232042.7
342.2694	12.71521	12.66875	12.78712	8	3	5	222959.8	525115.3	613678
391.141	22.42883	22.37683	22.459	5	2	3	68854.96	123634.1	162210.4
652.2596	29.2135	29.18517	29.22983	5	5	0	123027.3	611554.5	475819.4
496.421	40.54367	40.52083	40.59767	10	5	5	980308	1810807	1121228
456.5373	9.463983	9.416233	9.537367	3	0	3	5588518	672459	1438272

438.134	30.82067	30.74683	30.84933	5	1	4	71416.35	247158.1	281392.4
304.0974	21.708	21.5865	21.74217	6	2	4	85424.04	279877.1	365819
338.4467	9.55075	9.47815	9.584433	7	4	3	3313802	5863335	8587127
477.8982	9.448158	9.416233	9.537367	4	1	3	13417115	1193058	2617318
702.1694	27.4565	27.43983	27.54433	5	4	1	157565.6	867803.5	1105635
422.2369	20.51167	20.496	20.59983	3	0	3	58378.18	211473.4	90218.81
702.558	9.455275	9.351467	9.537367	6	3	3	4.56E+08	1.09E+08	95124948
622.4901	17.20733	17.1625	17.21933	5	4	1	94337.62	276937.4	220459
1050.572	9.455083	9.416233	9.537367	4	1	3	8236144	743501.5	1573624
367.8225	9.533425	9.47815	9.545617	4	1	3	16900270	1139783	1364801
437.3844	21.70067	21.5865	21.74217	6	3	3	170950	234028.9	304407.2
461.3463	21.51333	21.39833	21.54467	6	2	4	89633.7	223179.4	203103
158.9741	21.6875	21.57183	21.7275	8	4	4	239445.3	1182098	1159659
281.5057	9.4622	9.43065	9.537367	4	1	3	6653781	765308.5	1561586
540.4473	40.40867	40.3865	40.4725	10	5	5	2161735	3272154	2040640
709.4748	9.507367	9.43065	9.596683	4	1	3	9970813	10326386	15942203
418.2032	19.6915	19.689	19.74733	3	0	3	246686.8	224267.6	70259.58
611.0579	9.527133	9.506667	9.6125	4	1	3	4007836	1340990	2726499
464.9193	9.455083	9.416233	9.537367	4	1	3	2734662	789913.8	1727818
374.7932	12.39623	12.3356	12.42868	6	2	4	123020.9	322844.1	267632.8
688.5217	34.29833	34.24933	34.31533	10	5	5	15671298	30252715	32670718
657.8662	9.500675	9.460417	9.545617	4	1	3	4157276	648665.6	1409160
369.9342	28.04383	27.999	28.07317	7	3	4	110386.5	323156.6	308845
520.8689	33.65567	33.62283	33.6975	7	3	4	187067.4	585689.6	656437.5
217.9901	30.51467	30.48833	30.79183	5	2	3	112695.5	290741.8	589907.3
703.4426	9.899967	9.88085	9.91985	3	0	3	212185.4	101784.8	141515.2
609.9078	10.05278	9.9637	10.05612	3	0	3	46179.35	33037.48	58929.23
622.4036	9.419225	9.279067	9.529483	6	2	3	4886721	2158092	2836619
870.53	32.0735	32.02983	32.08683	3	3	0	102054.6	334902.3	546511.4
617.937	33.39117	33.37667	33.45267	7	3	4	154928.8	552358.8	562212.3
1765.029	9.531333	9.47815	9.537367	3	0	3	3513265	410265.5	917381.6
506.9183	21.67867	21.65233	21.74217	5	2	3	48464.12	55515.13	72431.28
1084.759	33.58958	33.55283	33.64917	6	2	4	200765.4	194846.2	283457.6
321.0464	9.891217	9.805333	9.932383	5	2	3	1035527	711633.3	1141502
313.6317	29.13992	29.1255	29.22633	6	2	4	154007.8	306259.3	497648
375.1373	22.64733	22.61983	22.65117	3	0	3	81305.46	41171.1	47216.47
461.3494	44.46625	44.44833	44.5095	10	5	5	121563.4	1267307	209272
766.1694	29.21517	29.2	29.22983	3	3	0	105503.5	250091.8	212881.1
536.3127	21.93133	21.8625	21.991	3	0	3	408691.8	243435.6	112420.4
724.9545	9.957467	9.858417	9.977267	5	1	4	530486.6	262726.8	417690.4
614.7109	9.52075	9.5169	9.537367	3	0	3	6915688	3294657	6941713
219.196	22.18708	22.18317	22.20867	6	4	2	501455	2512576	2766417
655.9626	9.500675	9.444983	9.6125	4	1	3	36300968	5806951	12324112
387.152	33.42683	33.14283	33.5045	9	3	5	525040.8	1332283	2688286
408.1601	19.70183	19.68183	19.8	5	3	2	220245.5	349111.5	328662.1
624.242	32.11667	32.04433	32.146	3	3	0	98905.42	356520.5	594647.3
633.4605	9.995367	9.93755	10.09068	7	5	2	837119.3	1461238	2235013

758.1763	9.531333	9.52075	9.537367	3	0	3	2565142	937903.5	1929567
848.6329	39.38783	39.3505	39.47567	10	5	5	861882.2	1333410	1325050
256.0268	32.46458	32.39533	32.52517	6	2	4	258965.8	502280.4	1061523
707.9338	9.55645	9.471017	9.57335	4	3	0	3202103	5217359	7220808
457.0892	9.4622	9.416233	9.537367	4	1	3	6280554	641756.7	1349846
301.1353	29.238	29.21333	29.31467	7	2	5	218406.6	491874.4	715532
1672.077	9.497417	9.460417	9.537367	4	1	3	16025868	5359772	10969810
370.2429	10.41965	10.36523	10.46653	9	5	4	14890412	42975447	63575814
440.957	17.13542	17.11983	17.161	4	1	3	70563.92	100087.2	207739.7
289.1354	29.13483	29.11083	29.2115	5	1	4	93404.1	96447.95	154684.6
245.2671	23.18183	23.15183	23.22917	9	4	5	224755	343184.7	324085.8
704.8548	9.4622	9.444983	9.537367	4	1	3	20323856	3572028	7330113
760.1516	9.504625	9.460417	9.537367	4	1	3	7712194	3012614	6164730
537.1689	10.6177	10.58085	10.8219	5	1	3	186077.3	134631.3	142354.2
664.4643	29.88975	29.86	29.92167	10	5	5	2655114	26603685	6054772
784.4935	9.395833	9.257833	9.4564	7	4	3	5997772	2021232	3549000
1769.473	9.4881	9.460417	9.626317	5	1	3	14150111	2999317	6513683
709.1941	29.82467	29.78317	29.89933	4	0	4	59566.63	86344	157968.4
658.4898	33.85125	33.803	33.924	4	0	4	360762.5	3069332	3155787
519.9514	22.13642	22.09383	22.17817	4	0	4	65689.47	219227.6	300150.3
458.3657	12.20298	12.16393	12.2447	8	4	4	184516.6	440858.7	592843.3
834.5803	34.05858	34.02883	34.09767	6	2	4	161545.1	2123275	1919825
1025.741	38.92083	38.88083	39.001	4	1	3	65346.09	44960.2	69957.61
1773.688	9.537367	9.49235	9.545617	3	0	3	5750607	1153820	2544093
775.5988	42.38783	42.346	42.40583	3	0	3	22100.24	62938.7	35755.93
226.1804	15.64112	15.62787	15.65998	3	0	3	682547.3	4125344	4228238
757.4818	9.531333	9.506667	9.626317	5	2	3	20095418	7687860	15353814
348.1073	31.02683	30.99333	31.0665	4	1	3	64720.8	72507.3	162131.2
413.2306	21.023	20.9775	21.0485	6	3	3	584357.3	172615.8	146962.3
581.9468	22.99525	22.928	23.01883	8	4	4	195399	747666.4	814167.7
552.4416	33.85767	33.81483	33.89017	8	3	5	1343079	3310505	3625742
736.7334	9.463983	9.416233	9.537367	3	0	3	4821760	1005843	2094028
708.6021	9.463983	9.444983	9.537367	3	0	3	25183682	4865914	10477467
463.9123	18.12867	18.1235	18.2155	4	1	3	54483.57	106250	152332.7
457.2341	9.463983	9.43065	9.537367	3	0	3	7362192	1323601	2131011
683.9766	33.2105	33.15733	33.26167	6	2	4	137516.8	175012.2	195266.6
538.3859	12.04162	12.01037	12.21482	10	5	5	305357.8	930363	1011583
318.7573	10.43532	10.29972	10.45412	6	2	4	645005.1	442890.7	738297.2
613.344	9.529058	9.5169	9.6125	4	1	3	3439249	1577324	3156864
400.0146	15.8953	15.88828	15.90678	3	0	3	62641.18	153011.2	292343.4
772.4125	9.55075	9.4881	9.751083	5	2	3	5081191	2449891	3436071
267.2072	17.8545	17.79417	17.8785	7	3	4	49570.11	167772.3	90889.32
759.8444	9.52075	9.5169	9.537367	3	0	3	7131891	3283322	6983969
652.2335	9.4622	9.43065	9.537367	4	1	3	9427950	1691789	3401965
372.3474	33.47767	33.46617	33.58283	7	3	4	44735.05	383503.7	162366.4
593.0075	28.25317	28.23433	28.264	3	0	3	39674.98	47490.82	96144.55
499.398	29.50558	29.46233	29.54667	8	3	5	772108.4	1008259	1052097

522.2592	26.122	26.09583	26.14917	4	4	0	71592.74	174697	195373.6
850.6392	39.39858	39.384	39.46083	4	1	3	120530.1	101725.8	123775.9
331.9925	9.4622	9.43065	9.537367	4	1	3	5684075	1177369	2326488
417.0286	22.95133	22.922	22.996	5	4	1	104570.8	287199.5	321164.8
655.5151	9.4622	9.444983	9.537367	4	1	3	29441664	5506080	11636619
634.7377	9.4622	9.444983	9.537367	4	1	3	6311675	3479516	7503764
350.6259	9.5169	9.47815	9.537367	3	0	3	3533001	962342.5	2081806
595.422	33.44708	33.40167	33.52517	8	4	4	348567.9	1230346	1293999
477.5888	9.44975	9.43065	9.64025	5	1	3	11868138	1251810	2657880
808.5647	34.16675	34.09767	34.21367	4	1	3	115779.3	39904.87	64372.97
879.3674	9.55075	9.473767	9.5776	3	0	3	3219237	2089362	4314616
524.1305	22.12717	22.08617	22.15117	5	3	2	196033.7	560328.7	711252.5
397.2858	9.96035	9.858417	10.1894	7	3	4	666084	359669.4	600651.9
728.0891	9.4622	9.444983	9.537367	4	1	3	5337241	3153901	6739643
271.0033	17.9355	17.855	17.97517	9	4	5	314990.2	923236.3	1141924
363.6038	30.28425	30.24433	30.36167	6	2	4	148280	280117.6	592547.1
365.087	30.79175	30.73283	30.84967	4	0	4	71960.57	177458.4	120079.8
376.2125	13.11618	13.0931	13.15867	4	3	1	4979607	9942187	17176515
523.4207	40.4015	40.37867	40.45683	9	4	5	272472.2	445133	314471.8
565.1573	22.11867	22.08617	22.142	4	3	1	118708.6	279333.3	340726.8
496.1686	22.11867	22.005	22.12717	6	3	3	161403	380781.7	444688.7
710.6779	9.507758	9.460417	9.545617	4	1	3	2730031	466273	715665
892.6591	39.26317	39.22933	39.342	8	3	5	463473.3	795087.3	829007
1671.075	9.537367	9.506667	9.545617	3	0	3	1923600	694526.2	1461092
432.1841	25.7585	25.7355	25.78633	4	0	4	173866.5	333645.9	530337.8
512.2912	25.86233	25.80817	25.87367	3	0	3	233913.9	217504.9	80418.14
281.4358	9.463983	9.416233	9.537367	3	0	3	4783468	477250	966078.6
759.2658	9.534967	9.5169	9.537367	3	0	3	2054126	889273.1	1932253
577.2787	32.10167	32.02667	32.20817	9	4	5	915271.4	2994882	4232239
321.2427	34.8375	34.807	34.88117	3	0	3	1440925	430530	181295.6
1038.246	9.489492	9.3803	9.584433	6	3	3	11614154	12389318	14512163
738.952	9.768258	9.7121	9.820633	4	1	3	977093.9	411378.1	677287.3
348.2631	9.382483	9.17955	9.532583	6	3	3	1158816	1306011	458110.4
747.2096	30.89283	30.84933	30.9455	5	1	4	128440.5	243452.9	510148.2
498.3559	29.64442	29.57833	29.66617	4	3	1	2463547	211883	201222
885.5998	29.72617	29.696	29.76817	10	5	5	107405.7	941398.4	152358.7
383.2978	9.540275	9.5025	9.598583	6	2	4	4387129	2676139	3335005
388.2296	9.560458	9.47815	9.61695	6	4	2	5497543	1983919	2468432
395.2165	9.173633	9.0532	9.2529	8	5	3	4907945	17240250	16363873
653.6212	9.463983	9.444983	9.64025	5	1	3	40711468	6713196	13446955
1968.231	9.515	9.473767	9.6125	5	2	3	24894048	11975363	11279791
804.6062	39.5225	39.49717	39.60933	10	5	5	1834862	2251494	1999949
250.2169	12.60123	12.58263	12.66212	7	3	4	505680.2	290486.1	273802.4
471.3704	12.72837	12.69882	12.7723	7	3	4	90202.46	159204.1	235201.5
173.1327	29.52017	29.477	29.53883	4	0	4	26573.75	175048.1	45499.89
552.3434	22.67933	22.65533	22.73233	3	0	3	411371.8	188701.9	111624.4
364.3425	40.78792	40.76017	40.86067	8	3	5	90721.43	504669.8	388866.1

431.328	26.53283	26.48717	26.55617	5	1	4	69865.16	74790.4	108002.7
357.3353	9.500675	9.459367	9.64025	4	1	3	5903368	1332155	2366409
338.2162	10.42902	10.36523	10.54073	8	4	4	1336881	3520009	4118197
426.8229	35.042	34.99983	35.21983	8	3	5	88856.55	447756.5	271176.1
1105.672	10.67897	10.63273	10.77118	7	2	5	5483192	3393298	4124206
776.1856	29.14083	29.08283	29.17717	7	5	2	190802.8	703698.1	717400.1
485.2762	17.06	17.04867	17.08567	3	3	0	285860.7	727292.6	1199720
771.21	30.26683	30.24533	30.36167	7	2	5	279722	658747.4	1292440
647.2081	30.799	30.73283	30.84967	4	0	4	394314.5	86748.23	146217.3
730.9049	9.4622	9.444983	9.537367	4	1	3	9700003	5140658	10771083
769.558	12.39568	12.3356	12.444	8	4	4	144516.8	284655.2	329941.6
614.2041	9.53435	9.506667	9.626317	4	1	3	8156139	3559254	7116717
980.7117	39.01667	38.95917	39.08967	5	2	3	175992.6	242198.7	301133.9
472.3999	35.17592	35.147	35.235	8	3	5	115306.8	504605.9	334071.3
735.0078	9.463983	9.416233	9.537367	3	0	3	9616309	1268719	2676300
427.0256	15.89132	15.80385	15.92517	7	3	4	404630.7	1225063	2313963
746.5639	34.96533	34.92467	35.00867	6	2	4	849202.7	12777153	12991722
774.4968	9.671517	9.61695	9.71975	5	3	2	5220522	1077532	1729807
216.2284	9.52075	9.502483	9.537367	3	0	3	9188429	4606560	9658921
759.388	20.15867	20.13583	20.31433	5	3	2	560134.3	1351832	2168271
477.8603	39.13083	39.05983	39.223	5	2	3	92169.8	169734.2	142251
289.608	10.68843	10.63528	10.76465	4	1	3	688919.4	1211780	1814644
538.0464	30.77658	30.48833	30.82083	4	1	3	90708.01	204568	435940.2
1010.022	9.4622	9.416233	9.537367	4	1	3	3069576	1112616	2401868
761.031	9.537367	9.534967	9.560017	3	0	3	2147809	1193158	2513147
383.2046	31.08133	31.00267	31.12567	9	5	4	571869.8	2037045	2597666
859.5705	21.264	21.15667	21.28167	9	4	5	137971.3	335573.8	513950.9
526.8826	10.10657	9.9907	10.1429	7	3	4	420320.2	213738.5	377570.9
357.057	9.507758	9.444983	9.64025	4	1	3	6837124	1686983	2792241
464.422	18.75133	18.73317	18.77533	5	2	3	42017.4	53060.13	67587.59
683.2487	9.4622	9.444983	9.537367	4	1	3	9813224	5506531	11374940
1024.738	38.92667	38.89583	39.001	4	1	3	103632.8	127092.1	168387.7
659.4931	28.22033	28.13217	28.3175	9	4	5	316567.7	1343391	558960.1
537.3178	38.61517	38.6035	38.63167	7	4	3	416639.2	448060.6	393304.9
437.3478	31.74858	31.7245	31.77267	8	3	5	291072.2	563960.1	505813.3
602.2914	33.46308	33.38417	33.58283	4	1	3	48471.3	352815.1	97932.41
287.2012	26.56325	26.47217	26.5875	6	3	3	267926.8	1091846	990826
609.7954	10.6797	10.62083	10.72138	5	1	3	494791.5	336279.1	550771.2
1044.321	9.460417	9.43065	9.64025	5	1	3	28049092	3238353	7078755
484.3328	28.564	28.5135	28.74767	7	4	3	106965.9	377712.1	283443.5
432.1837	23.64933	23.61883	23.66267	3	0	3	8566479	13889990	17173626
632.0211	10.86477	10.81753	10.93685	9	4	5	611282.9	971426.2	1481645
440.3588	24.40133	24.33983	24.40717	5	3	2	52403.16	183989.3	322453.8
689.525	34.301	34.24933	34.31533	10	5	5	6175629	10954332	12000779
442.1735	9.65795	9.188017	9.7372	9	3	5	13243194	14055665	24336173
1004.625	9.675942	9.644783	9.7372	4	1	3	1108914	722667.4	1247853
760.1779	30.27592	30.25217	30.36167	4	1	3	216917.8	127542.1	235105.8

457.3067	27.45733	27.4245	27.47783	5	3	2	139789.3	81918.25	61756.68
490.038	9.460417	9.43065	9.64025	5	1	3	8828032	2427676	5298912
269.1909	10.69564	10.64867	10.77893	6	2	4	238008.5	708389.3	537625
639.4486	33.32317	33.296	33.3795	9	4	5	221956.7	702007.9	725694.8
587.5079	38.12892	38.11483	38.28783	4	3	1	30882.16	149508.9	131587.7
790.4927	10.10657	10.08285	10.1147	5	2	3	607514.3	258492.6	444153.1
327.1969	10.66787	10.58428	10.75237	9	4	5	946739.1	3155449	3689095
491.32	8.905742	8.690483	9.031133	6	4	2	13794502	57689346	71626995
508.3723	33.7435	33.728	33.78267	6	2	4	168129.3	342309.9	386690.3
313.6491	32.714	32.68583	32.84617	7	2	5	179769.7	409988.4	866787
404.3454	44.0005	43.982	44.05567	8	5	3	298862	1432147	1656846
657.1421	28.45267	28.40983	28.50817	3	0	3	43128.45	35059.57	52875.47
907.6785	29.55367	29.485	29.66617	5	2	3	74246.63	419042.7	521724
629.2969	31.45892	31.40183	31.4795	4	3	1	34554.59	115643.6	100999.2
661.9635	33.23417	33.19183	33.32083	7	3	4	119690.8	289866.4	331813.4
1668.217	9.515	9.460417	9.537367	5	2	3	42392296	12086992	24869840
750.7871	23.00492	22.97417	23.01883	4	1	3	84366.44	134565.8	287117.8
479.4045	11.09358	11.00948	11.20103	9	5	4	319798.6	549389.9	734011.4
288.2901	23.01975	22.97683	23.0335	10	5	5	2241093	8191932	7759140
981.7151	39.01208	38.9865	39.10433	6	2	4	102928.2	87157.98	144942.1
459.2801	8.972633	8.800333	9.04085	4	3	1	637901	1268504	1500744
672.8957	9.4622	9.43065	9.537367	4	1	3	4630151	2765146	5080965
389.2306	34.176	34.1715	34.23067	3	0	3	44229.04	37278.47	11038.98
457.3789	9.455275	9.416233	9.537367	4	1	3	5388793	673934.7	1434794
479.3944	40.5475	40.502	40.59767	9	4	5	190943.5	468519.4	318507.3
663.9675	18.11933	18.08867	18.16983	4	1	3	50515.86	46819.35	82341.52
770.2065	30.27267	30.25217	30.34733	8	3	5	775746.8	1927693	3797760
497.4247	40.53983	40.53267	40.5895	7	3	4	257628.3	406707	294145.6
362.6038	30.26633	30.24533	30.34733	7	2	5	630289.6	1290298	2807989
490.6517	9.4622	9.416233	9.537367	4	1	3	2973881	945967.5	2091223
650.487	9.892558	9.852767	9.932383	8	4	4	211569.8	248515.3	297605.1
542.8822	33.60467	33.57067	33.64	7	3	4	124392.7	388874	428240.7
654.0672	9.455275	9.444983	9.537367	4	1	3	49754420	9155909	18980956
654.5671	9.455275	9.444983	9.537367	4	1	3	46624092	8699942	17977448
432.8176	33.9645	33.7995	33.99433	9	4	5	585113.6	1618012	1813967
507.1702	29.65167	29.593	29.681	8	5	3	140930.9	651742.4	538721
445.1738	38.8755	38.82383	38.88283	3	0	3	39258.57	57234.98	29412.46
849.6362	39.387	39.36267	39.47567	9	4	5	383048.1	546231.3	574253.2
281.069	15.88591	15.85927	15.98467	4	0	3	1952199	8588277	12476749
790.9941	10.10978	10.08522	10.1147	4	1	3	432629.1	235340.3	395788
1042.416	9.460417	9.416233	9.64025	5	1	3	11262805	1105566	2169289
488.6539	9.4622	9.416233	9.537367	4	1	3	3310752	1360376	1918653
635.4771	10.77888	10.69405	10.81205	6	3	3	152664.5	221984.6	250427.2
369.7197	9.541233	9.48745	9.626317	9	5	4	20027472	29933149	47560591
733.4341	9.5393	9.4881	9.584433	6	3	3	49433932	48557205	89568727
760.3901	17.79417	17.76767	17.81067	5	3	2	1043897	3188290	5397178
806.6128	39.51625	39.50583	39.60933	6	2	4	178503.3	165511.7	174824.7

844.0869	42.261	42.2435	42.33	7	3	4	72529.02	424650.9	219156.9
439.1789	38.87183	38.80933	38.8975	4	0	4	40110.93	111396.2	34725.73
350.0812	9.4622	9.43065	9.537367	4	1	3	8894988	2107981	4233123
443.333	10.61111	10.51342	10.66402	6	4	2	174719.6	185333	237323.8
294.2434	12.79559	12.77303	12.89353	8	3	5	622739.1	955191.1	1012484
319.2729	8.98005	8.817733	9.031133	7	5	2	1249322	1630658	2120930
620.5121	9.948267	9.911233	9.9629	6	3	3	3260245	3572042	4430707
515.1375	19.75175	19.73317	19.77517	4	1	3	60885.98	48175.72	96847.26
366.4263	9.475958	9.460417	9.537367	4	1	3	29565742	8289931	16709538
694.5329	9.777783	9.73415	9.808167	9	5	4	708230.6	1278438	1681257
653.176	9.463983	9.444983	9.64025	5	1	3	25258182	4678959	9636277
420.1321	28.14283	28.04433	28.162	6	2	4	59987.84	124113.9	157820.9
1758.104	9.527133	9.506667	9.626317	4	1	3	2431428	2103078	4509386
288.6338	29.12592	29.05083	29.22633	8	3	5	236796.8	542951.2	828779.3
525.185	10.70767	10.66397	10.75237	5	2	3	513961.6	979871.8	1219244
759.3874	17.79542	17.7835	17.80417	6	3	3	2324178	7203480	12108947
606.4394	43.58967	43.563	43.63067	5	1	4	76143.86	297105.2	114038.6
349.9069	9.500675	9.460417	9.545617	4	1	3	13964573	3153064	6652242
1120.682	9.4402	9.209683	9.654	8	2	5	52659400	21151538	40884280
704.3557	9.463983	9.43065	9.537367	3	0	3	24748478	5640668	11234085
805.6097	39.52083	39.4815	39.60933	9	4	5	718615.8	921600	871766.6
459.5264	29.24233	29.228	29.29983	5	1	4	139557.3	196217.7	423916.1
455.8475	39.268	39.2555	39.327	5	1	4	87582.8	125555.1	142801.2
431.2919	21.25508	21.15667	21.28517	4	1	3	52522.63	58712.48	81675.01
1043.821	9.455083	9.43065	9.537367	4	1	3	22922362	2522460	5498198
374.1346	32.45725	32.37967	32.52517	6	2	4	222300.5	459397.3	904444.6
348.2255	28.894	28.8675	28.951	5	0	5	212769.7	634452.9	218442.8
709.6085	9.4622	9.416233	9.537367	4	1	3	11841486	2090712	4491638
343.5769	16.72233	16.67383	16.95267	7	2	5	422350.9	2729516	3975916
216.0487	9.515	9.49235	9.626317	5	2	3	19851158	8228310	16739263
686.768	9.4622	9.43065	9.537367	4	1	3	5326132	3418198	7330007
308.2073	28.162	28.02967	28.191	5	2	3	320453.1	1136718	1182292
598.4533	37.6575	37.622	37.78317	10	5	5	245598.8	1085043	1131913
1656.719	9.507758	9.444983	9.626317	4	1	3	23722328	7206065	14683282
331.831	9.4622	9.444983	9.537367	4	1	3	5270137	4373179	3016239
378.5351	28.39517	28.368	28.50817	5	1	4	101178.8	52129.71	116565.6
378.24	9.47815	9.444983	9.626317	5	1	3	8095666	4148375	4616266
489.2651	9.537367	9.44975	9.620217	7	2	3	7978670	4861537	4229632
407.2911	17.60433	17.60433	17.60433	3	0	3	142883.8	290722.8	372886.4
332.0936	26.24075	26.173	26.31783	6	1	5	108514.9	221039.5	403455
479.4044	19.69017	19.66067	19.7825	9	4	5	277316.1	695646.4	679970.9
609.9896	9.537367	9.506667	9.560017	3	0	3	2372175	513580.2	1118785
510.0334	42.70625	42.68083	42.77283	10	5	5	119611.1	1142134	280900.9
708.5122	10.12622	10.052	10.15928	8	5	3	308878.6	324973.2	405274.4
283.1192	28.9745	28.929	28.98033	4	1	3	34997.8	119692.3	63169.05
685.3503	20.22517	20.20567	20.374	7	3	4	84683.01	206727.8	222121
305.2392	33.15725	33.15433	33.17267	4	0	4	480272	1237144	1520324

391.1092	31.5645	31.48483	31.6005	10	5	5	158279.3	926021.6	505193.7
993.6797	30.93717	30.92133	31.0515	5	4	1	251254.5	565108.4	840363.9
659.9947	28.20567	28.14683	28.30183	7	3	4	285759.7	1036675	312671.3
599.4565	37.68333	37.631	37.78317	7	3	4	67223.53	283570.3	303666.1
658.4133	9.827958	9.7192	9.862433	4	3	1	849137.6	331860.9	449095.2
349.7112	9.4622	9.43065	9.537367	4	1	3	7086600	2013221	2793660
756.4886	11.22369	11.20932	11.22767	4	1	3	257286.8	178156.4	302033.6
760.5798	39.6695	39.63867	39.7435	10	5	5	3091612	3931427	3150540
551.2353	9.231383	9.079183	9.322017	7	4	3	1600379	2660601	3126259
602.376	11.30655	11.2838	11.31382	5	1	4	58472.34	91777.92	116763.9
782.2671	31.30767	31.29083	31.32883	4	0	4	470127.4	0	0
1986.07	9.523167	9.49235	9.537367	4	1	3	1769747	860306.8	892503.1
442.3382	11.77848	11.75558	11.99272	7	3	4	152169.6	659273.7	969831.2
686.288	9.4622	9.43065	9.537367	4	1	3	6714019	3979047	8416896
540.1797	29.62975	29.57833	29.66683	4	1	3	73049.63	53907.22	98069.18
377.744	9.537367	9.47815	9.545617	3	0	3	2023710	1330365	2158742
216.5002	9.536167	9.5169	9.6125	4	1	3	4922117	1465152	2829270
316.1648	9.534967	9.5169	9.537367	3	0	3	1989762	1712535	3107153
433.8339	39.384	39.3355	39.47567	5	2	3	103676.4	142342.7	71893.75
439.175	9.677742	9.43065	9.71975	6	1	4	2799799	3262885	4784226
363.092	10.61858	10.55978	10.74918	3	3	0	251384.5	247001.6	271451.5
637.5108	10.44323	10.36803	10.49713	6	3	3	1426928	829924.6	1471783
1119.679	9.455083	9.365883	9.654	8	3	4	90741856	35188353	68073950
253.4106	13.1116	13.09522	13.17963	4	1	3	18540.84	37156.68	46578.49
980.527	41.23733	41.22267	41.2675	3	3	0	43914.46	129911.5	159824
476.4109	9.448158	9.43065	9.537367	4	1	3	16145844	2249651	4294160
647.504	34.38008	34.36367	34.408	6	3	3	190459.7	208780.7	124896.7
1122.685	9.425808	9.33635	9.460417	4	1	3	8492306	2434925	4019612
498.3947	29.50725	29.46233	29.54667	8	3	5	2463547	3563434	3650136
386.3418	23.59067	23.561	23.63467	5	3	2	773254.8	699308.6	735006.3
824.3464	10.64867	10.58428	10.7167	5	3	2	577409.8	333665.9	316912.9
731.3801	9.4622	9.43065	9.577883	4	1	3	8097409	4940075	9219710
356.6759	9.507758	9.444983	9.64025	4	1	3	8231875	2171322	3292240
187.0418	21.68017	21.557	21.71283	6	2	4	112368.1	270561.2	132349.3
893.6622	39.25833	39.22933	39.342	7	2	5	201444.1	345477.3	389836.5
327.3014	26.72583	26.70883	26.7595	6	3	3	43432.81	179880.6	138534.7
416.2151	24.54242	24.38983	24.646	4	3	1	451510.2	2627145	2906608
357.8981	9.47815	9.459367	9.537367	3	0	3	6118426	1639283	3264769
468.1917	10.64343	10.63273	10.67897	4	1	3	4894972	5228957	9819990
301.1415	30.47117	30.34733	30.51183	7	3	4	4917737	28987249	31971050
423.2805	19.79	19.75333	19.887	9	4	5	328707.1	1171422	1678736
467.1681	17.1345	17.03717	17.1625	5	2	3	118880.6	181453.6	319709.3
573.4085	33.511	33.447	33.56833	9	5	4	468882.5	1589152	1694816
1981.074	9.496575	9.473767	9.537367	4	1	3	6206128	3907320	4607673
427.8064	11.25389	11.21977	11.27073	6	2	4	143704.5	258996.9	320204.1
443.3159	43.46283	43.41083	43.4785	4	3	1	50008.21	215051	125439.8
839.3709	10.69328	10.67897	10.77118	4	1	3	862990.9	1488529	2563708

1765.271	9.469283	9.444983	9.537367	4	1	3	16320946	3882230	8215710
573.3394	30.61667	30.56033	30.64267	7	3	4	84562.73	350405.9	287647.9
682.1752	28.58517	28.54167	28.67283	7	2	5	141119.2	387219.3	582979.4
377.2157	13.0931	13.08017	13.13715	3	3	0	1004085	1826144	3247520
1006.875	9.455083	9.43065	9.537367	4	1	3	7685295	2025701	4169518
499.2367	17.67042	17.64817	17.7365	4	1	3	56585.29	94063.65	119354.7
295.0268	21.40783	21.31517	21.4785	3	0	3	66292.91	195291.6	250317
520.135	22.11583	22.05267	22.1365	7	3	4	384920.1	1504214	1891904
331.1693	9.500675	9.460417	9.545617	4	1	3	18185620	5060411	7782624
395.7648	21.47633	21.3425	21.49983	5	2	3	104516	230195.8	251933.2
715.5217	34.2135	34.16617	34.24533	9	4	5	230971.2	497912	610779.7
650.8617	22.98917	22.97417	23.01883	7	2	5	342382.3	702445.8	1408574
478.4011	19.68833	19.66067	19.7825	10	5	5	1152485	2900928	2770709
471.3782	15.88777	15.82902	15.91743	6	2	4	37723.3	68909.85	73205.11
404.1161	21.96992	21.87817	21.979	4	1	3	97064.2	240247.8	327578.9
515.2059	10.38857	10.3514	10.40805	4	1	3	1395015	1099344	1546804
559.997	32.143	32.05867	32.1605	6	1	5	67963.74	145194.6	316719.6
473.4034	35.17517	35.103	35.19117	5	1	4	44888.41	69479.24	68358.42
1085.917	9.455083	9.43065	9.537367	4	1	3	7487823	2040234	4493127
350.2338	9.515	9.460417	9.608783	5	3	2	2715915	1629288	1213240
546.3858	28.19183	28.11883	28.2065	5	3	2	131100.6	333796.5	518533.9
451.7173	30.37042	30.36167	30.38367	4	1	3	156066.7	153068.5	326244.3
1004.127	9.4622	9.416233	9.537367	4	1	3	3540519	1193902	2495362
363.9906	21.6895	21.62317	21.69833	6	2	4	100690.6	107382.1	174332.9
512.4102	30.28883	30.2745	30.32317	8	3	5	652502.6	733283.1	717522.6
696.5201	9.2651	9.050317	9.444983	7	3	3	2002797	1972056	2337084
673.827	9.500675	9.43065	9.543383	4	1	3	10223439	5485443	11874920
330.8483	9.497658	9.460417	9.537367	4	1	3	8628539	1969059	4222252
390.1114	31.56475	31.48483	31.6005	10	5	5	222209	1328137	709298.2
633.8347	9.469283	9.43065	9.537367	4	1	3	3355433	2009432	4256317
1660.539	9.504742	9.460417	9.537367	4	1	3	57030628	18611970	36258222
1084.954	9.455275	9.416233	9.537367	4	1	3	2097201	716440.1	1582803
473.2776	23.07317	23.0335	23.07517	3	0	3	25324.52	38965.98	53570.49
489.4252	9.460417	9.43065	9.64025	5	1	3	10484446	2914112	6339594
1007.736	9.460417	9.43065	9.64025	5	1	3	7449043	2211085	4190493
602.2567	29.19958	29.16983	29.31467	6	3	3	172554.9	609617.4	522254.1
818.5857	39.51333	39.48567	39.62433	3	0	3	32067.61	186524.2	44123.25
330.1704	30.44908	30.34733	30.4965	10	5	5	700706.4	1596317	1519466
1008.684	9.455083	9.416233	9.537367	4	1	3	6807187	1891429	4140950
1581.49	9.483058	9.460417	9.537367	4	1	3	5980645	5266870	11077807
703.6014	9.500283	9.444983	9.626317	5	2	3	42763556	28755908	40437446
346.2107	10.68163	10.62147	10.77118	6	2	4	134870.4	308893.9	334157.6
349.5371	9.490442	9.460417	9.537367	4	1	3	11635583	3439235	6621969
360.3828	9.5646	9.444983	9.626317	4	1	3	1466279	504999.2	892996.8
309.1268	25.68575	25.64683	25.7215	10	5	5	5731003	16348507	29427883
489.8774	9.460417	9.43065	9.64025	5	1	3	6800483	1878833	4005649
426.2311	22.17483	22.10033	22.1945	6	2	4	440985	1597809	1780168

1761.978	9.541492	9.47815	9.64025	4	1	3	5756483	1149311	2449678
683.7253	9.4622	9.43065	9.537367	4	1	3	8475489	4951751	9383148
347.1522	28.22033	28.183	28.23483	7	2	5	665507.5	2197693	3581865
457.3042	29.66633	29.56383	29.70933	4	3	1	30430.33	130863.6	112299.7
385.2616	23.2995	23.28683	23.326	3	0	3	50808040	1.87E+08	1.84E+08
554.427	37.7985	37.73517	37.8885	10	5	5	132903.9	711214.1	741249.8
495.0874	18.64542	18.64083	18.66783	6	2	4	1508844	4398125	7424663
359.9962	9.483542	9.43065	9.537367	4	1	3	2806697	2308221	4327307
289.2935	23.01783	22.98717	23.0335	10	5	5	347557.9	1055950	1041559
675.4772	38.14917	38.0825	38.28067	4	1	3	31716.18	66014.94	52414.77
740.4666	9.240408	9.064433	9.392917	6	2	3	3188456	1906277	3275793
1766.166	9.531333	9.47815	9.537367	3	0	3	5170435	1072813	2332881
1121.683	9.438608	9.365883	9.617883	6	2	4	20797886	11032762	21624076
401.0185	22.1365	22.05267	22.18633	7	2	5	720298.9	2839418	4661291
501.3402	35.74642	35.71617	35.785	4	1	3	40766.98	218091.7	167096.4
301.6439	30.956	30.78683	31.12217	10	5	3	111518.5	229371.3	236108
216.0951	9.522017	9.460417	9.545617	4	1	3	7877437	2664540	4965341
388.2537	9.657717	9.188017	9.7372	11	4	5	58917056	1.2E+08	1.19E+08
291.0894	11.70939	11.68208	11.8781	4	1	3	133538.8	248645.1	468470.5
513.4136	30.30625	30.2745	30.338	6	3	3	197721	225814.3	222736.6
364.83	10.68877	10.63755	10.77118	8	4	4	190077.1	726287.5	863172.3
432.2808	8.879017	8.677417	8.9437	6	3	3	819533.1	2331992	2965490
374.3634	35.49167	35.4655	35.5595	5	3	2	240313.3	677019.3	1185124
882.5701	8.903733	8.7127	8.919083	5	3	2	928017.8	2072245	3135530
340.156	12.46995	12.32698	12.72132	5	0	3	327135.4	107551.9	64274.45
922.5907	43.578	43.55983	43.65967	7	2	5	92076.02	231417	301687.5
1767.252	9.504742	9.460417	9.537367	4	1	3	13326297	3221019	6831087
358.0904	9.490225	9.460417	9.537367	4	1	3	5072353	3992789	8230398
318.1497	18.11192	18.05717	18.1585	4	3	1	1254357	2286571	4591643
324.5882	27.463	27.44267	27.53083	7	2	5	548844.8	1800469	2503189
393.322	31.75125	31.7105	31.80183	10	5	5	403895.7	851088.8	1045175
258.2795	28.08783	28.07333	28.15283	7	4	3	203144.9	107423	31562.86
753.1886	29.228	29.18433	29.26133	6	4	2	102473.2	373692.8	363768.7
1087.943	9.460417	9.43065	9.64025	5	1	3	8858634	2347699	5067212
457.7873	9.463983	9.416233	9.537367	3	0	3	3073789	963306.5	1963892
633.0351	10.86477	10.78832	10.93685	7	2	5	213110.8	299198.9	438580.6
679.5128	16.95067	16.68417	17.1305	5	1	3	4613109	31040236	37022940
265.8862	8.969375	8.78305	9.0047	4	3	1	226265.4	322187.7	328130.3
690.5278	34.29483	34.24417	34.31533	10	5	5	1436534	2011376	2252289
229.3316	9.525933	9.460417	9.537367	4	1	3	9265071	3110790	6486975
641.4499	11.60209	11.56378	11.61237	4	1	3	40379.47	58353.98	69017.32
1736.392	9.483058	9.460417	9.537367	4	1	3	5595497	3760204	7984418
339.6979	9.503675	9.43065	9.537367	4	1	3	2693825	2207612	2075967
1005.929	9.460417	9.43065	9.64025	5	1	3	8295465	2379797	5202686
387.6818	9.552117	9.43065	9.65795	4	1	3	18613256	6115970	6403639
499.1948	10.40111	10.34782	10.44835	6	2	4	1931722	2245653	3257814
368.0176	9.515	9.460417	9.545617	5	2	3	28970814	7776086	15427556

380.1979	10.33698	10.27485	10.366	3	0	3	13759126	96881.96	52059.23
675.8091	9.4622	9.444983	9.537367	4	1	3	20400728	9104004	19015527
340.4069	9.526183	9.463983	9.584433	6	3	3	30606504	15431064	17421558
729.7277	9.4622	9.43065	9.537367	4	1	3	10479551	4293239	9132016
502.3083	21.45883	21.42667	21.49317	3	0	3	152484.5	108129.5	22435.26
378.5679	9.507758	9.43065	9.6125	4	1	3	5670584	1857555	3428903
780.9289	20.66967	20.61367	20.89033	5	2	3	66208.41	104905	182257.4
1860.83	9.527133	9.506667	9.626317	4	1	3	3291570	1826932	3860263
533.3884	29.97558	29.951	29.9975	10	5	5	467543.1	4799775	1002013
450.123	37.88	37.87833	37.96417	3	0	3	436607.8	2551.498	2367.624
716.5533	39.80525	39.77517	39.87733	10	5	5	4495489	5070646	3849615
482.3999	31.04	30.96583	31.1715	8	3	5	1904726	2592926	3147071
315.1509	30.442	30.33317	30.48	9	4	5	169112.9	476616.4	323879.8
413.7985	9.845483	9.7252	9.918383	11	5	4	1783049	1200179	1759994
178.9463	16.36023	16.14432	16.45722	3	0	3	2747539	9250356	12420461
652.7322	9.455275	9.43065	9.537367	4	1	3	10519308	1338312	2857983
453.3986	40.66217	40.63783	40.73733	7	2	5	81347.89	189463.5	145419.3
350.241	32.51183	32.4595	32.571	3	0	3	217319	1067208	391055.7
381.922	18.68742	18.65283	18.7195	6	1	5	118271.3	202362.8	320782.9
801.4094	20.08067	20.07783	20.28383	5	3	2	974573.5	3507789	6183160
519.3916	10.9813	10.9416	11.1144	9	4	5	601328.6	1267821	1433644
615.4178	9.537367	9.5169	9.549217	3	0	3	1583323	831778.6	1736891
253.1074	27.68242	27.55883	27.731	4	3	1	44134.3	218324	140728.8
216.3023	9.527133	9.506667	9.571	4	1	3	8113924	3483255	6837898
761.5831	39.65433	39.63817	39.75833	10	5	5	1335830	1481202	1214859
357.0351	9.531333	9.2572	9.7252	5	1	3	16661766	4115558	8587119
597.044	22.12717	22.08617	22.15067	5	3	2	115642.4	474068.2	591751.1
245.1515	25.14183	25.14167	25.18283	3	0	3	85575.23	70812.21	73931.47
764.5382	34.2315	34.2275	34.25717	4	1	3	165890.9	84200.97	110238.6
1106.784	28.0385	27.91133	28.07333	3	3	0	37113.68	71025.97	33151.52
612.134	9.52075	9.5169	9.537367	3	0	3	9245518	4791613	9958966
1041.917	9.493558	9.446567	9.545617	4	1	3	9187547	757975.3	1694884
585.4019	10.11463	10.04548	10.15697	4	3	1	186563.4	116056	131099.7
347.2223	13.00733	12.97645	13.06513	8	5	3	377735.9	1543772	1427544
600.2755	30.8785	30.81667	31.1685	9	3	5	954114.3	2776244	3827849
303.8837	2.101633	2.062117	2.1455	6	5	1	247870.6	1517916	436590.6
357.4168	9.527133	9.47815	9.598583	4	1	3	14184905	2938044	6172888
660.4642	9.463983	9.444983	9.537367	5	2	3	61148396	42009715	72323448
655.0135	9.463983	9.444983	9.537367	3	0	3	57467004	13836159	29469502
319.2459	31.30467	31.301	31.31433	3	0	3	14845450	129432.9	28350.38
378.9431	31.34883	31.257	31.3885	3	3	0	89783.14	258091.9	110794.9
263.0402	13.67426	13.43332	13.76545	8	1	5	907340.8	1931420	3469721
725.4295	10.67828	10.599	10.77118	9	5	4	1.2E+08	2.46E+08	3.2E+08
1674.055	9.541492	9.49235	9.626317	4	1	3	3963021	985189.1	1980703
541.4508	40.39875	40.36367	40.45683	10	5	5	637705.1	869282.4	559543.5
522.1314	22.119	22.05267	22.15067	6	3	3	282480.9	735781.8	937254.9
490.1987	9.455083	9.43065	9.537367	4	1	3	7263449	2243082	4479358

563.3136	29.18475	29.16983	29.23333	4	3	1	277082.2	628447.9	883693.2
632.6608	9.511617	9.460417	9.537367	4	1	3	2525537	2266955	4532382
837.3454	10.69112	10.64867	10.75237	4	3	1	1075318	1191259	1234622
755.8211	9.541492	9.506667	9.626317	4	1	3	8209820	3287981	6749752
447.077	28.20833	28.20033	28.23483	5	1	4	66187.73	187661.3	249850.5
612.9063	9.541492	9.534967	9.6125	4	1	3	1571437	573021.4	1132916
229.7248	9.534967	9.43065	9.537367	3	0	3	4665217	1637440	3430914
419.2182	13.34403	13.25417	13.38155	9	5	4	1894742	5844674	10057169
613.1226	9.53435	9.49235	9.626317	4	1	3	3693804	1360549	2835020
400.0151	22.12808	22.06867	22.18633	10	5	5	6467700	28488754	44832957
752.1855	29.21358	29.19333	29.26133	8	5	3	230832.9	1350661	1157443
676.4146	9.515	9.463983	9.57815	7	4	3	3546780	8283568	10026985
677.2557	9.531333	9.52075	9.537367	3	0	3	3575354	1807728	3064235
758.9678	9.504625	9.460417	9.537367	4	1	3	8829443	3968056	7632129
218.0904	25.90633	25.86733	25.9325	6	2	4	58969.29	174794.5	166557.1
233.0263	28.15483	28.05933	28.162	5	1	4	41051.67	52151.56	65337.16
324.5881	27.81208	27.765	27.85217	4	1	3	313586	990947.5	1413580
684.2018	9.4622	9.416233	9.537367	4	1	3	5008101	2799327	5686269
377.9557	9.537367	9.47815	9.545617	3	0	3	5865251	1120095	2266216
1961.282	9.496575	9.473767	9.537367	4	1	3	9614491	6023423	6916539
726.433	10.66922	10.599	10.77118	9	5	4	53536892	1.13E+08	1.46E+08
644.4953	34.38867	34.33583	34.401	10	5	5	20143634	32230874	34905630
281.2389	9.4622	9.416233	9.537367	4	1	3	7234955	1477292	2317405
525.3999	31.704	31.69833	31.722	5	2	3	134658.9	71763.35	81856.47
378.3714	9.455275	9.43065	9.537367	4	1	3	7021023	1586213	3219179
598.3189	30.26683	30.24533	30.33317	5	2	3	64412.1	206207.8	121266.8
1106.675	10.67191	10.66397	10.70088	6	3	3	2158395	1280359	1624318
1741.552	9.490225	9.460417	9.537367	4	1	3	12452665	10060938	21241758
363.9264	13.3176	13.25127	13.34403	3	0	3	183093.4	426933	821893.2
391.0574	17.60433	17.5895	17.60533	7	4	3	107154.5	472577.5	474821.9
612.2652	9.536167	9.5169	9.6125	4	1	3	1574519	535324.9	1028355
331.4896	9.500675	9.444983	9.6125	4	1	3	6444467	2235967	4558025
1663.377	9.5169	9.47815	9.537367	3	0	3	18435374	7338061	15059841
270.2123	28.235	28.21967	28.2495	5	3	2	109248.8	370925.5	474097.5
405.2278	14.3585	14.32238	14.45953	8	3	5	173853.5	848790.5	821334.3
584.4737	40.26883	40.24883	40.30817	10	5	5	3700244	5153206	3370479
761.3372	9.541492	9.52075	9.598583	4	1	3	2778504	1617191	2898180
341.9401	9.469283	9.43065	9.537367	4	1	3	4073082	2851415	6135965
672.5267	39.95192	39.92767	40.02617	10	5	5	5387120	5929581	4105267
242.1755	10.42108	10.36523	10.45412	10	5	5	26777338	75901193	1.02E+08
350.0591	9.463983	9.444983	9.537367	3	0	3	5653222	2165538	4360896
395.5852	17.59992	17.5895	17.60533	8	4	4	114177.9	461093.8	468716.6
717.5566	39.81758	39.77517	39.87733	10	5	5	1804084	1835557	1355610
251.0252	11.0511	10.9623	11.11307	6	2	4	307566.6	399989.2	659578.3
443.1496	33.17183	33.15433	33.1875	4	0	4	189423.2	272686.6	180869.7
613.8507	9.515	9.460417	9.545617	5	2	3	17382820	5903235	12141186
483.3624	44.32183	44.30133	44.3745	10	5	5	192896.2	2232444	583792.2

490.1767	26.4435	26.41383	26.474	5	2	3	206070	320715	427969.7
459.1803	10.41848	10.34782	10.46817	5	2	3	636332.4	1039313	1628836
587.9266	38.56117	38.47583	38.64733	7	3	4	53560.75	156843.2	144950.4
287.9883	8.690483	8.56485	8.79455	5	2	3	243707.1	313958.6	248865.9
217.0162	21.69767	21.57183	21.7275	10	5	5	739081.8	2108197	2146586
326.596	30.99383	30.979	31.07383	6	1	5	143211.2	313262	670646
370.2594	12.34048	12.25188	12.46995	6	3	3	149009.4	557345.8	521988.9
349.7324	9.500675	9.460417	9.545617	4	1	3	16890804	4184964	8073444
609.106	20.65483	20.55917	20.68567	5	2	3	106770.4	584203.2	709995.4
454.8297	33.88617	33.86017	33.924	8	3	5	505436.2	1505070	1659505
272.2952	27.15375	27.149	27.1935	6	3	3	528435.2	694864.2	619502.3
318.3011	26.23883	26.14367	26.28967	5	1	4	38543.34	103281.1	85120.74
673.8834	9.463983	9.444983	9.64025	5	1	3	11587702	5227508	10907498
598.26	29.21425	29.19333	29.31467	10	5	5	5734784	19198509	25588201
439.1345	29.56833	29.5495	29.62233	3	0	3	203567.3	9734.861	5979.346
1745.479	9.504625	9.460417	9.537367	4	1	3	5053205	3968995	8383066
408.1473	23.83067	23.73983	23.85583	9	4	5	643370.2	1593854	2607740
454.0252	19.56592	19.50067	19.79067	6	2	3	204387.9	473570.9	853485.4
410.3384	9.970325	9.93755	10.0025	8	4	4	3581594	4980213	6204607
373.7717	21.47325	21.35633	21.5575	6	3	3	123848.5	253285.3	309467.4
366.8231	9.4881	9.460417	9.537367	5	2	3	71056640	22198060	44110950
442.0451	22.1215	22.05267	22.18633	7	2	5	301391.8	1130016	1840175
235.1696	27.269	27.186	27.28717	7	2	5	208588.3	874170.6	715841.3
555.2921	30.37158	30.35267	30.476	6	3	3	86402.36	314167.5	319699.2
680.9354	9.532583	9.49235	9.618033	5	3	2	11158957	10026333	10461574
724.4528	9.94255	9.930567	9.988417	5	2	3	910282.9	388385	634578
341.3246	35.16167	35.13233	35.20567	9	5	4	117350	380645.2	307283.3
260.2053	10.42096	10.34782	10.45412	8	4	4	3722170	10445615	12073984
336.3112	28.43575	28.41667	28.45367	6	3	3	185185.8	252459.6	161051.8
686.2303	9.4622	9.444983	9.537367	4	1	3	9805482	4753290	9893992
488.8136	9.4622	9.416233	9.537367	4	1	3	4648382	1671918	3477573
338.5943	9.504742	9.460417	9.537367	4	1	3	4136066	3118991	6604787
254.2483	17.91433	17.88083	17.9575	7	3	4	136018.1	163964.1	187097.2
484.339	9.972942	9.90985	10.00977	8	4	4	1652692	2029935	2341196
486.2038	9.463983	9.416233	9.537367	3	0	3	1601465	723973.8	1104414
1568.361	9.537367	9.47815	9.545617	3	0	3	5828682	2043698	4481113
348.5882	26.869	26.79817	26.919	7	2	5	196190.8	426322.4	607007.6
425.1541	38.8755	38.86817	38.88733	4	0	4	160412.1	245492.3	121481.7
623.4534	43.45542	43.44017	43.48533	10	5	5	3145184	41741954	11463186
312.1811	11.91315	11.89148	12.0772	8	3	5	208564	590469.6	806624.4
669.3512	41.20783	41.17833	41.23733	3	3	0	50012.48	239866.5	206789.8
691.5304	34.30942	34.27767	34.31533	6	2	4	199040.3	285083	252249.3
342.2758	10.1429	10.0411	10.17218	7	4	3	246741.6	382370.6	411687.3
257.0883	22.11458	22.0845	22.142	6	2	4	80606.1	344904.8	330511.4
645.4988	34.39317	34.33583	34.401	10	5	5	7536764	10724277	11759187
349.363	9.497658	9.460417	9.537367	4	1	3	14868867	3427927	6455440
728.6759	9.4622	9.444983	9.537367	4	1	3	20163410	9334083	19513682

1764.188	9.527133	9.47815	9.6125	4	1	3	5982793	1350735	2935787
464.7711	9.455083	9.416233	9.537367	4	1	3	3584767	1230040	2568828
696.4396	9.321717	9.2866	9.349817	5	2	3	3816763	2684669	3510191
269.2091	28.21783	28.1925	28.24967	10	5	5	945383	4025986	4986228
512.2697	44.85983	44.83033	44.96	3	3	0	52136.89	466359.6	206694.8
574.3383	30.8485	30.74683	30.90333	8	4	4	909626	3124431	3224502
688.9754	22.1215	22.03667	22.18633	7	2	5	280875.7	684978.4	1237795
613.9814	9.531333	9.506667	9.537367	3	0	3	3220761	768245.5	1538786
198.1855	21.66425	21.557	21.6935	10	5	5	1162018	4766225	5859050
268.1	25.68575	25.63817	25.705	10	5	5	4794315	12398702	22985079
203.3944	9.515	9.460417	9.537367	5	2	3	3484497	3020369	2849748
674.817	9.4622	9.444983	9.537367	4	1	3	23524802	10792599	22170084
680.1384	28.3815	28.353	28.45267	5	2	3	83449.13	107588.7	148059.2
506.3964	15.5315	15.4711	15.60238	10	5	5	116712.2	450487.5	480007.5
535.0593	28.62875	28.613	28.6385	4	1	3	47319.51	47169.17	80087.38
671.4951	34.3045	34.24417	34.31533	9	5	4	424407.4	854326.3	959343.7
229.1417	9.515567	9.415217	9.537367	5	1	3	3603338	3010131	5825329
428.0459	28.96717	28.95033	28.97417	6	1	5	420594.8	641798.1	1327078
338.1613	32.13775	32.0875	32.20367	8	3	5	391834.1	1209714	1968432
1650.974	9.541492	9.47815	9.626317	4	1	3	13328043	4212807	8228885
470.2805	23.0275	23.01433	23.0335	3	0	3	640455.9	353418.9	201493.5
203.1279	12.0813	11.91327	12.26893	6	1	4	69702.81	193773	108273.9
356.244	24.32058	24.31317	24.34483	4	0	4	131258.5	256183.1	295411.6
454.8519	13.3597	13.28902	13.43433	4	1	3	103225.7	148097.1	217825.4
730.3151	9.4622	9.444983	9.537367	4	1	3	18773222	8807881	18380360
451.1604	9.67135	9.61695	9.7788	7	3	4	1191511	1544794	1328679
453.1081	9.227467	9.132617	9.290367	6	4	2	3471858	1817610	872589.4
273.1101	24.681	24.66817	24.75017	7	4	3	310764.4	921679.4	1447939
197.1537	24.03283	24.0235	24.07917	5	3	2	264286.3	1523445	1309019
1647.187	9.53435	9.506667	9.6125	4	1	3	5466832	2261950	4781760
757.7865	9.527133	9.506667	9.6125	4	1	3	4549180	2225522	4033192
574.26	29.12592	29.08283	29.24117	10	5	5	1408811	5448025	6964732
256.5826	23.17983	23.17283	23.17983	3	0	3	45477.09	64374.69	88341.08
585.4771	40.26775	40.23333	40.3155	10	5	5	1253182	1437896	872817.2
628.5002	40.11417	40.08033	40.17467	10	5	5	5156001	6210874	4464025
783.4797	9.8483	9.837283	9.869583	3	0	3	246074.3	161061.1	230925.6
438.8344	44.61833	44.58867	44.71883	10	5	5	126700	1589685	192615
312.6337	29.13333	29.09583	29.2115	8	3	5	374330.1	958343.6	1446991
179.1069	17.64808	17.5895	17.71217	6	2	4	129792.7	1007525	610498.9
673.5301	39.94992	39.93783	40.02617	10	5	5	2087888	1962613	1398444
514.3904	44.16633	44.15133	44.22817	10	5	5	258751.5	3151517	800558.3
272.1859	8.851508	8.641617	8.96155	6	3	3	977535.9	5560688	5257693
562.3568	10.10057	10.07575	10.19303	5	3	2	227931.5	84722.03	73429.51
357.2368	9.507758	9.446567	9.545617	4	1	3	11179987	3548363	5050161
735.0238	42.84458	42.81633	42.87517	10	5	5	100968.9	745670.3	266385.1
560.3135	32.11667	32.087	32.19133	5	4	1	164305.1	537093.6	760752.3
729.789	9.4622	9.444983	9.537367	4	1	3	23033556	10685694	22522325

646.5017	34.38275	34.33583	34.408	10	5	5	1646626	1715150	1900401
380.133	11.8809	11.83687	11.89957	4	1	3	41355.14	55966.4	66282.95
521.8869	38.934	38.85367	38.98633	5	2	3	81856.48	204710.3	210312.5
483.4031	31.03683	30.9515	31.12467	7	3	4	675662.6	752764.6	968355.2
554.4422	38.66333	38.6465	38.83867	10	5	5	1379550	7238626	4404788
516.3079	27.50175	27.425	27.9555	14	5	4	352087	1715928	1226495
505.1861	10.40169	10.36523	10.51155	6	1	4	731809.6	940663.9	1227011
242.2482	18.41408	18.402	18.47583	4	1	3	69992.53	83617.43	54369.16
376.3106	9.483058	9.460417	9.537367	4	1	3	12344853	10451631	20850059
412.3789	30.54317	30.52833	30.58883	10	5	5	1733094	3528101	3106533
369.1729	29.68667	29.593	29.71	7	2	5	176843.2	793923.9	1036311
480.041	25.75858	25.71517	25.83683	4	1	3	67243.68	60564.55	118910.4
599.2633	29.21342	29.19917	29.31467	10	5	5	1716716	5441141	7594147
340.9718	9.496575	9.473767	9.537367	4	1	3	30295320	18727597	21892226
496.4302	30.99233	30.84933	31.07383	4	3	1	645164.6	643006.4	687646.7
685.2727	9.4622	9.43065	9.537367	4	1	3	20277038	9091641	19176652
662.3881	9.469283	9.3968	9.537367	6	2	4	6717332	7237916	11984672
226.0687	23.24017	23.2015	23.24467	3	0	3	27578.37	50563.62	60964.82
1045.32	9.455083	9.416233	9.537367	4	1	3	10232122	1131182	2317649
298.6259	26.87017	26.81367	26.919	7	2	5	579556.7	1674478	2300587
888.1424	30.27992	30.251	30.36167	6	1	5	107010	184986.1	407843.1
216.5288	9.536167	9.5169	9.626317	4	1	3	3472939	1491887	2888979
311.6439	30.293	30.2375	30.36167	5	1	4	124675.6	223165.4	429678.9
367.6276	9.494192	9.47815	9.537367	4	1	3	71611016	24286160	48558074
741.3564	43.59883	43.58783	43.63067	4	1	3	49554.16	174237.9	162461.2
606.096	10.74336	10.6177	10.75237	4	1	3	544774.2	742853.4	1377836
757.3026	9.527133	9.506667	9.626317	4	1	3	3564350	1576895	3122987
736.1358	9.4622	9.416233	9.537367	4	1	3	11327567	2409050	5063758
632.4762	12.23346	12.1935	12.2605	4	1	3	30396.17	38461.89	37978.55
358.4562	9.483058	9.460417	9.537367	4	1	3	12621834	10664166	20756065
842.1224	30.03717	30.00717	30.1315	6	1	5	76943.64	125125.7	271527.6
615.4255	10.00425	9.805633	10.04445	9	4	5	7288646	3647956	4562960
346.1849	16.17548	16.12965	16.27868	5	2	3	34585.18	172898.7	53615.97
173.3296	9.455275	9.416233	9.537367	4	1	3	2362647	1051584	1014001
173.1538	14.47827	14.41085	14.5962	6	3	3	47234.73	123787.1	124660.9
212.0827	10.4086	10.34782	10.47727	6	2	4	6540952	1955892	3265912
625.4185	10.21408	10.16835	10.25657	5	3	2	125770.2	123307.8	145417.3
676.2879	9.4622	9.444983	9.537367	4	1	3	6359531	3253184	6949846
476.8437	33.78817	33.70233	33.8535	9	4	5	409611.5	1176136	1297328
612.9912	9.506667	9.502483	9.537367	3	0	3	19677836	11621814	23597540
735.5389	9.463983	9.43065	9.537367	3	0	3	6764993	1803735	2937991
760.4637	9.819583	9.7121	9.848417	5	1	4	1089803	609757.6	819287.2
204.1197	9.5169	9.506667	9.598583	5	2	3	3731135	3034674	2699188
600.469	34.47067	34.42783	34.50133	10	5	5	20806182	30407209	32992031
756.9974	9.529058	9.5169	9.6125	4	1	3	7241562	4441754	9360291
673.3606	9.4622	9.444983	9.537367	4	1	3	8053823	5588396	10521316
595.8294	9.511617	9.460417	9.537367	4	1	3	3378733	3376267	7221239

371.9832	13.72523	13.43332	13.76748	9	3	4	1533404	5646495	11356343
477.3587	39.15417	39.07883	39.223	8	3	5	197390.5	428236	432016
380.3375	34.79667	34.7655	34.82567	10	5	5	2441557	3950029	4241433
762.586	39.68267	39.60733	39.7435	8	3	5	286228.4	281764.9	272549.7
932.1837	41.20025	41.16317	41.23617	8	3	5	52561.19	89821.66	80854.3
306.1553	20.6845	20.67083	20.71717	3	0	3	532061.4	359920.1	212377.8
496.3815	9.792833	9.7758	9.834667	5	2	3	1301227	474904.1	736568.9
1884.919	9.517875	9.43065	9.537367	4	1	3	2886651	2670105	3236736
230.1907	11.93628	11.90973	12.10498	9	4	5	308599.9	863083.4	952331.2
658.549	9.463983	9.459367	9.537367	5	2	3	80144904	55838922	99537133
695.5357	9.79045	9.52075	9.848417	5	2	3	701164.7	207649.4	109302.9
279.6102	28.3815	28.35633	28.49317	5	2	3	88524.1	129338	158675.1
601.4372	30.39558	30.38133	30.4265	8	3	5	405831.7	800383.7	898088.4
607.1092	20.64267	20.62233	20.7015	7	3	4	229458	1147582	1279889
488.2698	41.342	41.31117	41.40883	3	3	0	39193.67	517878.5	251265.7
348.2145	31.32133	31.2855	31.34983	4	3	1	117678.3	521576.9	419052.4
1976.1	9.47815	9.460417	9.537367	5	2	3	17715382	11378980	14253341
359.3715	35.131	35.10167	35.19067	5	3	2	144674.8	395410.7	698446.6
372.3266	23.89008	23.83917	23.9305	6	2	4	167680.1	747544.5	593566.2
333.5893	32.12167	32.07333	32.17767	3	0	3	143037.7	68042.95	152148.7
533.321	25.23667	25.19717	25.2575	3	0	3	117502	182333.8	175948.2
686.7125	9.537367	9.463983	9.69125	5	1	3	4126443	3347323	5184357
350.2773	9.47815	9.43065	9.537367	3	0	3	5570098	2891699	6034029
728.2186	29.2135	29.16983	29.26133	5	3	2	85358.95	393220	319113.3
675.7629	9.4622	9.444983	9.537367	4	1	3	9839196	5233817	10391295
571.5076	30.35967	30.336	30.44717	9	5	4	135521.9	408877.9	334315.9
481.8056	9.192183	9.116917	9.2529	7	5	2	24079586	15290420	24811817
265.2166	26.08342	26.01917	26.13067	10	5	5	2199013	10430143	12137697
210.1574	22.32275	22.22933	22.33283	6	3	3	79756.78	301012.4	315491.3
702.9928	42.95033	42.928	42.988	10	5	5	129679.9	1211109	302247.3
718.5594	39.8315	39.7855	39.87733	7	2	5	370613.7	333173.1	282926.3
439.3464	32.32117	32.2815	32.35533	7	3	4	92030.35	246263.3	260350.6
420.2215	13.30844	13.25417	13.34655	4	3	1	398057.2	1221405	2226569
634.1989	20.397	20.3965	20.42283	3	3	0	27264.72	40358.33	39208.89
420.3474	37.00675	37.00533	37.0215	4	0	4	110206.3	1045368	261918.9
489.3476	42.84217	42.78533	42.8965	6	3	3	72527.19	575930.6	92149.94
637.9563	43.307	43.29233	43.3525	9	4	5	98903.17	903580.2	209683.9
389.101	22.73983	22.70783	22.78383	9	4	5	3107405	6842686	9256580
413.3822	30.54533	30.52833	30.5875	10	5	5	430358.3	714002.4	636850.7
601.4725	34.47067	34.41283	34.49417	10	5	5	7160821	9330215	10222795
443.0791	28.78033	28.67283	28.931	5	1	4	528437.7	1768947	3019085
738.2018	32.07292	32.05683	32.20817	6	4	2	90261.68	714336	438244.8
675.2948	9.4622	9.444983	9.537367	4	1	3	7813594	4480694	9183956
677.5152	9.518825	9.444983	9.626317	6	2	4	75162128	34458993	27581628
1664.371	9.531333	9.47815	9.537367	3	0	3	66039820	28183519	57073859
545.3417	32.1315	32.05883	32.19283	9	5	4	1006492	3778166	5771735
382.7884	12.68813	12.64055	12.71523	4	1	3	67327.48	130690.8	105420.2

303.6476	29.12492	29.09583	29.2115	8	4	4	92115.51	450900.8	348463.2
455.3354	20.44375	20.411	20.57583	6	3	3	69638.66	233963.3	199502
676.2657	41.22267	41.19317	41.23733	5	4	1	48543.05	211889.7	209568.6
320.2304	23.61883	23.6005	23.633	3	0	3	1280662	340075.5	82271.51
422.1267	22.46783	22.44983	22.4765	5	2	3	699208.9	1950967	3119225
514.8616	16.7075	16.62717	16.91433	11	3	5	422321	2191704	2809016
443.2776	29.563	29.4915	29.60667	6	3	3	109293.1	188091.3	140775.8
449.1714	9.209233	9.101033	9.47815	8	4	3	1341585	3068084	2222025
489.1473	29.6275	29.5065	29.66617	7	2	4	460243.6	151539.6	237507.6
681.4421	21	20.95533	21.03417	6	2	4	94623.06	178061.7	298353
1973.177	9.51595	9.463983	9.537367	4	1	3	59649560	34454612	47158840
694.1956	31.00133	30.9645	31.07383	6	1	5	263503.6	717078.7	1148220
368.6214	9.541492	9.47815	9.626317	4	1	3	16767605	4880165	9588309
386.5685	30.979	30.8785	31.06583	5	1	4	60418.39	84255.42	179663.6
367.2697	10.52054	10.49603	10.56858	4	3	1	346633.2	728306.5	830656.9
325.1782	33.49667	33.4485	33.519	5	3	2	56953.74	202943.7	195237.1
383.255	10.4144	10.34782	10.45412	8	4	4	3040013	8629941	10376285
732.1974	32.087	31.98583	32.17667	5	3	2	117692	806089.2	565531.3
216.1225	9.531333	9.506667	9.537367	3	0	3	7055435	4264335	8470752
386.9754	19.40817	19.33867	19.43767	3	0	3	40521.1	52898.14	85015.11
244.0938	9.722833	9.275233	9.822817	7	2	4	756516.3	204644.2	219001.4
643.1123	29.64433	29.593	29.6515	4	1	3	53518.45	64825.71	132538.5
674.5331	39.97717	39.91717	40.03083	9	5	4	428636.7	280799	247102
556.4425	34.56683	34.51967	34.58567	10	5	5	18369768	25961628	27896644
633.1884	22.49367	22.42483	22.58667	5	2	3	48420.43	64386.81	78519.86
709.1056	9.541492	9.463983	9.5571	4	1	3	20122700	4680875	10031556
272.0948	19.43283	19.41683	19.45233	4	1	3	138855.5	194135.5	184815.7
646.4745	26.07917	26.02683	26.1195	3	0	3	404077.8	28515.46	54176.3
525.0434	42.58783	42.545	42.621	5	2	3	50870.35	367189.1	85495.08
1988.129	9.47815	9.473767	9.537367	5	2	3	16212394	12459172	15586874
277.1415	16.69833	16.66133	16.74017	9	5	4	511259.2	2135983	2901586
473.3418	9.394375	9.33635	9.432667	6	2	4	1429394	1297339	1603372
378.0442	9.5169	9.47815	9.537367	3	0	3	13602851	4752522	9950642
497.4874	37.43358	37.3955	37.6065	10	5	5	674142.2	4881143	2872485
778.4089	9.5571	9.529583	9.57815	3	3	0	4768429	3860436	4818155
339.5525	9.515	9.473767	9.6125	5	2	3	30067016	19757341	23782287
623.9797	17.20733	17.1625	17.25317	7	3	4	45683.73	138219	136768.5
630.675	9.506667	9.460417	9.626317	5	1	3	2463431	2559061	5402273
683.4751	33.19075	33.17867	33.2765	6	2	4	119384.9	307134.7	337233.1
211.1096	27.14317	27.08717	27.1935	9	4	5	460419.6	2088728	2311051
612.7694	9.5169	9.49235	9.537367	3	0	3	7793925	4190402	8533852
690.5013	26.08217	26.05	26.16233	4	1	3	300930.7	33746.03	39464.59
710.4709	9.537367	9.444983	9.584433	5	3	2	9817900	13284874	9820518
656.6414	9.4881	9.47815	9.537367	3	0	3	4650310	7317080	10673920
684.3067	9.4622	9.444983	9.537367	4	1	3	8081662	4836151	8626004
376.1766	23.776	23.71433	23.84167	7	3	4	46556.96	290651.9	159099.6
792.3994	10.66473	10.64782	10.72217	5	1	4	1983203	1942559	3871718

332.2798	33.46467	33.40883	33.49667	5	2	3	164883.4	1535622	992000.4
230.2481	22.94567	22.91333	22.96717	9	4	5	2018052	343310.2	324495.5
421.2431	8.932258	8.730367	8.989483	4	3	1	365662.5	1067539	1328183
661.4249	9.463983	9.444983	9.537367	5	2	3	23369136	19901863	33451813
380.2801	18.36667	18.34517	18.40417	5	3	2	57750.61	134544.3	145007.5
369.2391	10.41848	10.34782	10.45412	9	5	4	75111736	2.48E+08	2.95E+08
602.4484	26.02	25.99783	26.06233	4	1	3	425229.1	56589.73	41222.42
378.1004	28.64275	28.59783	28.6585	6	2	4	103854.6	181770.2	276421.6
247.0631	21.69392	21.557	21.71567	8	3	5	434089.5	1039661	1316736
387.1373	23.13583	23.108	23.16517	5	1	4	68846.5	109033.7	123387.1
636.9815	39.86192	39.83333	39.89233	4	1	3	107598.3	833508.6	966148.5
611.4739	40.09817	40.08033	40.17467	6	2	4	260207.6	268984.5	163763.7
695.1938	30.99417	30.95017	31.06583	4	1	3	91067.22	183105.3	299601.8
543.8998	38.76	38.71333	38.83867	7	2	5	73439.32	189369.2	183269.9
365.1363	29.3845	29.28517	29.41067	6	4	2	1122773	5976931	5173933
922.6331	31.71233	31.70133	31.73933	5	2	3	47416.32	89806.71	132416.8
281.231	11.96602	11.94875	11.9864	5	2	3	91857.16	141762.4	95502.02
630.4163	43.61733	43.59317	43.65967	5	2	3	57683.75	193543.9	141535.7
412.1575	25.90217	25.838	25.947	6	2	4	132922.8	382036.7	545017.7
328.2876	9.173983	9.08515	9.239033	3	3	0	686728.3	1106746	1177913
492.3235	8.9587	8.78305	9.045083	3	3	0	3580335	13799688	18143216
349.8847	9.47815	9.43065	9.537367	3	0	3	7910464	3343566	7077270
791.4957	10.09471	10.05612	10.1429	4	1	3	189510.6	94530.03	155043.4
335.2438	24.9255	24.907	24.97667	5	2	3	361855.7	224688.1	274281.9
382.3167	25.60033	25.49183	25.62817	5	2	3	171200.1	85343.8	104597
1041.737	33.67683	33.62667	33.71167	6	2	4	172411.3	194674.7	262555.8
445.1651	9.7055	9.67135	9.71525	3	0	3	2766779	2925420	4171919
356.6541	9.47815	9.43065	9.537367	3	0	3	6994423	3491611	6052271
575.3416	30.86367	30.74683	30.918	9	5	4	302694.5	918673.4	913271.1
597.2689	30.96342	30.943	31.07383	10	5	5	1278332	4707384	6012700
156.8142	9.527133	9.47815	9.626317	4	1	3	4170797	1308902	2657311
629.5036	40.12375	40.09417	40.17467	10	5	5	1744469	1966047	1321852
276.6338	31.02317	30.96517	31.07383	5	0	5	109278.3	167915	296066.8
336.3112	34.75625	34.72033	34.77633	10	5	5	1728268	6023772	6556598
340.0521	9.51595	9.47815	9.537367	4	1	3	12231854	7785634	9342535
617.4679	19.49117	19.4725	19.58883	5	2	3	66910.77	476497	552561.2
566.4329	18.27833	18.24317	18.302	9	4	5	131570.9	396345.4	442986.6
452.1818	30.90817	30.90283	30.95083	3	0	3	76208.35	439954.9	256942.2
488.3588	30.00108	29.951	30.02683	10	5	5	1089573	11535107	2538802
338.2178	13.90905	13.782	13.99862	5	1	4	163509.1	417929.1	294367.6
584.2512	29.10917	29.0515	29.111	5	5	0	232993.2	390369.2	336759.8
191.1644	11.41238	11.39283	11.42893	4	1	3	279266.9	861751.3	1019139
484.3905	17.47217	17.429	17.48617	9	4	5	204719.5	547550.6	592945.8
469.8627	44.46975	44.4595	44.52517	10	5	5	329893.6	3623598	623975.7
348.094	16.929	16.8785	16.99233	5	1	4	79614.54	91202.91	154248.8
365.8273	9.557483	9.531333	9.626317	4	1	3	4955698	1307823	2640838
402.1918	13.331	13.25417	13.37348	5	2	3	1075564	2806525	5262756

590.1551	22.1115	22.03667	22.136	4	1	3	91814.88	166218.9	226104.8
385.238	37.53517	37.51583	37.56533	4	0	4	135640	599039.7	308982.5
512.4161	34.6415	34.59883	34.66683	10	5	5	13062260	19536185	21116755
229.7758	9.536167	9.5169	9.626317	4	1	3	8872668	3851809	8035625
216.7546	9.541492	9.534967	9.598583	4	1	3	1890454	487668.7	969835.3
373.1169	31.34333	31.29983	31.34617	3	0	3	13358825	87724.42	171823.4
584.4456	34.482	34.4745	34.4965	7	3	4	383140.2	355511.1	422486.8
340.1558	23.58183	23.53	23.6005	3	0	3	199874.5	244650.9	134066.5
359.7644	9.015492	8.9037	9.114417	6	4	2	826535.8	1329695	1658827
1585.052	9.514858	9.460417	9.545617	4	1	3	10298957	8877437	19574703
186.5541	21.43108	21.37017	21.47633	6	2	4	56709.45	100788.7	132551.1
229.579	9.534967	9.502483	9.537367	3	0	3	7935500	4315074	9143155
357.8144	9.462358	9.416233	9.537367	4	1	3	3176788	813833.9	1547655
192.0079	2.346808	2.302	2.3724	4	3	1	164188.7	1559368	1578018
398.2903	27.64267	27.57883	27.65667	4	1	3	44875.26	105025.1	103622
958.4867	41.20025	41.16317	41.23733	4	3	1	36799.07	148772.7	158046.5
552.4017	15.06512	15.01448	15.15037	10	5	5	80099.21	332579.8	367858.8
544.3381	32.11692	32.05883	32.20817	10	5	5	3533829	15333898	22949398
484.092	32.11925	32.0875	32.14983	6	1	5	122862.8	293911	628180.2
468.273	19.89583	19.89117	20.09133	6	2	4	98054.78	287863	256508.7
273.628	27.472	27.44817	27.56117	5	1	4	121666.6	320759.4	439921.8
499.1642	23.17983	23.11333	23.22467	7	5	2	86265.13	246495.6	265799.1
325.2015	24.83525	24.631	24.88817	4	3	1	506048.3	1118862	2045672
517.3724	39.32733	39.31233	39.349	5	3	2	67243.98	130942.1	108427.7
884.3744	32.13042	32.10267	32.16117	4	3	1	89018.48	240313.9	340215.8
481.0461	21.67933	21.57183	21.75667	3	0	3	97186.98	64831.86	69665.31
156.7032	9.47815	9.43065	9.537367	3	0	3	2544600	595043.2	1259057
460.3088	33.966	33.91533	34.00917	7	3	4	52805.96	344963.7	166852.4
790.5243	21.05067	20.9775	21.06283	5	2	3	100927.6	171849.9	195424
557.4459	34.56825	34.51967	34.5815	10	5	5	5708622	7412773	8144550
1993.15	9.518825	9.515	9.537367	4	1	3	4968202	2416619	2708315
357.9948	9.47815	9.444983	9.537367	3	0	3	4091074	1242703	2666180
296.1859	30.80633	30.74683	30.86417	5	1	4	88559.62	215462.8	230631.6
1044.82	9.498892	9.44975	9.545617	4	1	3	20134140	2364746	5194392
632.4165	43.6045	43.54783	43.64667	7	3	4	113246.9	402835.4	416610.6
326.2335	14.80558	14.77352	14.92205	10	5	5	445880.4	2370205	2313703
655.5001	39.96733	39.92767	40.02617	6	2	4	206878.6	184820.6	104047.3
805.2189	41.19292	41.16317	41.25083	6	2	4	39667.83	97683.53	90702.89
429.0665	38.14617	38.093	38.18617	6	1	5	75434.84	131186.1	155616.8
602.4752	34.48225	34.46183	34.49417	10	5	5	1429844	1311004	1553428
1654.774	9.531333	9.47815	9.537367	3	0	3	15249836	6821350	13686626
599.3144	19.01383	19.00017	19.041	3	0	3	187725.4	214514.2	326852.9
390.9939	16.91758	16.9035	16.96167	6	2	4	2433478	1687663	3047016
705.6681	9.489217	9.444983	9.537367	4	1	3	3130460	3766188	5464567
375.4866	9.475958	9.460417	9.537367	4	1	3	23782822	17897004	36457868
374.1056	26.953	26.9415	26.99883	7	2	5	150854.7	449663.8	536582.8
339.1583	32.146	32.0875	32.19083	9	4	5	424882.1	1437616	2056767

607.467	23.353	23.26583	23.3835	9	4	5	157888.3	607272	656357.8
578.4375	36.6275	36.57717	36.74517	6	2	4	135408.6	1337550	1130050
364.3142	34.79217	34.7515	34.82567	10	5	5	572346.8	983327.1	1114386
301.1298	18.06042	18.03083	18.1675	4	1	3	46861.8	131386.6	129688.1
468.3899	34.71467	34.67217	34.7335	10	5	5	9124292	12959166	13996949
453.2604	21.158	21.07017	21.17767	8	3	5	7550797	5128197	9325507
629.1346	29.63967	29.593	29.65167	6	2	4	79052.16	131580.2	193413.7
413.0468	22.13833	22.1365	22.14983	3	0	3	112016.4	225492.5	302580
277.1803	26.31033	26.23883	26.369	10	5	5	1375167	5338883	5476010
704.6578	9.489217	9.444983	9.537367	4	1	3	9076915	10567593	15965215
399.1785	11.28508	11.25705	11.30973	5	3	2	1645745	3422434	6489109
566.2619	9.173983	9.08515	9.231383	3	3	0	1276842	1459824	523158.2
216.3202	9.522017	9.474117	9.545617	4	1	3	4341745	2403531	4426675
335.1725	9.994792	9.93755	10.05848	6	2	4	355901.8	380088.6	640907.2
630.4582	29.96892	29.94433	30.01567	4	1	3	32582.71	56161.31	50921.8
543.1582	10.61336	10.59335	10.77882	4	1	3	670187.9	774122.9	1214273
567.4472	40.26525	40.22217	40.30817	6	2	4	279830.9	397591.1	256851.5
315.1632	43.58767	43.5575	43.63283	6	2	4	44146	326695.3	187824.5
340.261	9.5558	9.474117	9.869583	11	5	4	8.66E+08	1.7E+09	1.77E+09
413.0336	25.69158	25.64833	25.70383	6	1	5	156693.8	355174.5	746289.9
445.1829	33.29417	33.23383	33.296	5	5	0	241857.9	638163.6	1201720
670.4605	43.2335	43.21833	43.26267	5	2	3	26980.88	88830.45	46953.65
526.4775	30.19683	30.17217	30.27583	5	3	2	42383.81	174337.9	144413.4
660.2914	41.19333	41.16333	41.25083	10	5	5	397780.6	2008875	1494899
699.4907	9.562833	9.4856	9.7372	6	4	2	5301749	5157089	3752897
596.2657	30.96467	30.943	31.07383	10	5	5	5010493	19499798	24077933
652.9682	22.7625	22.71833	22.79867	4	1	3	46868.71	42332.16	69731.08
352.0616	22.10667	22.05267	22.13033	4	3	1	76645.91	204983.3	216397.6
451.9359	16.95033	16.84967	16.96167	4	1	3	37932.5	50689.2	97116.49
526.3809	10.07624	10.00045	10.1429	6	3	3	700992.3	386477.6	608854.1
369.4236	9.476383	9.416233	9.537367	4	1	3	1551595	1282610	2407372
358.3684	35.11675	35.08833	35.1745	10	5	5	672197.4	2043410	3432679
706.9493	18.09117	18.05967	18.155	5	1	4	61720.36	101585.6	174899.8
708.0393	9.4622	9.444983	9.537367	4	1	3	51429832	40650349	58359608
596.2656	30.03717	30.01333	30.1315	6	2	4	1509025	4404098	5506710
488.9737	9.4622	9.416233	9.537367	4	1	3	3734022	1036536	2109369
438.3335	11.38218	11.35277	11.41203	4	1	3	50051.84	91737.41	71649.77
347.316	40.78925	40.73417	40.84067	6	3	3	61229.37	384781	301010.4
290.9479	8.65725	8.56485	8.839167	3	0	3	1844808	502875.5	613768
514.3955	25.92017	25.8955	25.9855	5	2	3	506703.6	42440.92	58673.33
239.1758	27.05917	27	27.08533	7	3	4	74032.9	362741.8	294870.6
627.4688	34.38817	34.325	34.408	10	5	5	795259.1	1414015	1660838
768.2114	30.27817	30.24433	30.34733	5	1	4	92664.61	214244.9	358870
816.1269	31.03758	31.0085	31.07383	4	0	4	66398.27	113684.4	189182.7
216.4823	9.52075	9.43065	9.537367	3	0	3	3496339	2572083	5237708
1592.211	9.541492	9.52075	9.6125	4	1	3	3199406	2852992	5967588
338.2625	9.490317	9.460417	9.537367	4	1	3	1907670	1426091	2891809

613.4182	10.0083	9.93755	10.04445	8	4	4	1.11E+08	74203172	90627468
1959.278	9.496575	9.473767	9.537367	4	1	3	5590877	3285843	4317973
907.6893	9.832067	9.806167	9.862433	7	3	4	831552.2	1162240	1456107
381.3408	34.7995	34.7655	34.82567	8	3	5	460538.1	662174.9	677004.5
551.8406	18.19942	18.13833	18.24483	4	0	4	44674.32	93784.62	129939.6
241.1801	24.34267	24.28833	24.35767	5	3	2	433248.7	1581253	1788077
699.5269	39.80917	39.75883	39.87733	4	1	3	113232	91141.31	71292.24
389.8217	9.266617	8.8523	9.364433	7	3	4	1783567	1828951	2744270
420.8971	13.75177	13.711	13.78467	3	0	3	68851.77	190689.8	404677.5
489.5856	9.455083	9.416233	9.537367	4	1	3	8444640	2968028	6524473
577.4149	29.95408	29.9205	29.97217	10	5	5	742281.8	7141903	1614621
216.0851	29.87075	29.81467	29.9265	4	1	3	34660.5	71025.03	95705.86
513.4194	34.6415	34.58067	34.6825	10	5	5	3718956	5044069	5584015
430.2449	9.48745	9.31395	9.52075	5	2	3	2725543	4280272	5164616
389.2549	8.920267	8.690483	9.188017	8	5	3	4068902	1371790	1052015
281.1389	21.49783	21.37017	21.52233	6	3	3	200840.1	462702.4	336098
728.3642	10.87198	10.85052	10.93685	4	1	3	636619.9	653309.7	1189120
666.4708	29.8875	29.85533	29.90167	10	5	5	152264.3	1564314	344314.9
505.8771	44.182	44.14433	44.22817	7	4	3	89717.04	906743.6	56845.7
583.4423	34.46683	34.41633	34.48983	9	4	5	1447315	2071068	2305774
216.2748	9.5169	9.49235	9.537367	3	0	3	8584370	4952826	10131031
441.0647	32.12508	32.088	32.1605	6	1	5	58294.55	143752.4	299013.2
177.0088	19.35933	19.309	19.43083	5	2	3	75354.97	191829	229511.9
452.3319	8.946467	8.78305	9.14945	5	3	2	959930.3	3224096	3384594
599.4194	9.626008	9.577667	9.654	6	2	4	10732341	8920702	9693845
518.4048	31.01317	30.9075	31.10333	10	5	5	624816.3	2570281	1566036
529.2764	28.11733	28.103	28.20567	5	3	2	97060.51	259610.7	303445.6
252.1316	24.71383	24.66817	24.73533	7	3	4	141909	519201.4	614219.4
582.4733	43.0915	43.05483	43.26217	10	5	5	130932.7	872478.8	70781.24
227.0481	22.76317	22.73267	22.7825	5	2	3	77162.31	56803.02	62308.94
562.26	29.78242	29.76983	29.88483	8	3	5	302623.7	1024320	1223113
221.1176	26.31033	26.23883	26.369	10	5	5	2145795	8721537	8914973
728.4389	10.67897	10.58428	10.77118	9	4	5	2032174	3469977	4677816
658.5113	36.20942	36.15767	36.22733	4	1	3	431306.8	3029129	2891570
791.5944	25.78433	25.77183	25.822	7	3	4	106362.9	855253.2	1073024
424.3637	34.7655	34.73383	34.78	10	5	5	5807577	9179040	9958890
524.277	28.3815	28.2795	28.46717	7	5	2	288887.8	815374.6	1267198
363.3109	34.79217	34.764	34.82567	10	5	5	2867844	6164464	6706470
661.2953	41.20042	41.178	41.22267	8	5	3	62996.89	237948.1	184163.4
705.4137	9.537367	9.460417	9.64025	5	1	3	62149192	11473446	24207793
628.4726	34.39008	34.38167	34.408	6	2	4	240992.5	243013.8	295462.4
259.202	10.41848	10.36523	10.45412	9	4	5	28076110	83223026	1.07E+08
655.242	30.76958	30.48833	30.84967	4	1	3	74475.55	90481.45	202322.7
251.1862	9.30105	9.17955	9.415217	5	1	3	1536326	677181.6	489472.3
267.1753	10.67863	10.63273	10.77118	6	1	5	203294.6	775758.5	705263.8
546.4636	22.459	22.40867	22.4765	9	4	5	187100.2	715344.7	728018.9
621.4273	43.63283	43.60467	43.6335	3	3	0	103261.1	680986.7	251010.5

514.3504	10.79319	10.71577	10.9188	10	5	5	1399137	2051005	2804940
308.1897	38.11367	38.08417	38.19117	3	3	0	31739.08	169487.4	120117.8
590.3929	43.61617	43.60117	43.6195	5	1	4	105249.4	607614.4	246884.2
531.2744	40.20283	40.01267	40.2525	7	2	4	181935.4	1580434	1848056
212.4985	9.522017	9.460417	9.545617	4	1	3	2466760	2215429	4463093
471.5339	30.27992	30.24433	30.32083	4	1	3	140852.7	194266	434392.1
333.1252	9.47815	9.473767	9.537367	5	2	3	32299340	27421111	44009713
488.1971	10.73468	10.64867	10.79782	6	2	4	718154.3	2257837	1325176
710.4972	29.85242	29.83967	29.871	10	5	5	175427.5	1602460	286882.7
375.8983	9.475958	9.460417	9.537367	4	1	3	26834598	20764080	40930991
410.7025	10.63273	10.55548	10.75237	7	2	4	295487.8	302038.7	450555.2
656.6855	9.515	9.444983	9.584867	5	2	3	13733852	12753914	21260592
214.5803	10.68814	10.60902	10.75237	6	1	5	471124	574041.4	746689.7
212.1366	15.85238	15.82188	15.895	4	0	4	843577.6	15116.77	6811.624
563.8153	29.21392	29.16983	29.24733	4	3	1	172073.5	348377.9	569510.9
448.0697	18.6185	18.58133	18.63767	8	3	5	1097730	3101912	5185080
268.6256	28.583	28.5565	28.67283	6	2	4	89146.38	187676	342117.1
420.2832	24.91983	24.87683	24.947	7	3	4	124168.5	482754	350467.4
680.4387	20.99133	20.96633	21.01983	5	1	4	246449.1	587081.9	824694
225.1895	9.511617	9.460417	9.537367	4	1	3	2276385	1859993	3216601
343.2409	19.15933	19.12883	19.23467	5	2	3	263343	947633.9	1152055
539.4158	34.56717	34.50733	34.85617	11	5	5	1926992	3047895	3424318
606.4635	23.34267	23.271	23.3835	10	5	5	369683.8	1728637	1852215
435.2048	28.958	28.94617	29.0025	6	2	4	88664.18	236870.5	294090.7
366.3218	31.73375	31.711	31.78083	10	5	5	297950.3	842375.5	978634.9
815.1304	31.02333	30.9645	31.07383	6	1	5	83371.48	171636.1	358520.9
783.3893	9.527133	9.506667	9.6125	4	1	3	5883604	7274268	12586903
382.2266	43.60467	43.58733	43.63033	3	3	0	74215.89	1127742	259895.5
469.3932	34.71833	34.67217	34.7335	10	5	5	2429896	2943042	3263459
332.4386	9.47815	9.473767	9.537367	5	2	3	17411582	17038082	27045568
407.3249	23.28167	23.22467	23.32617	5	4	1	105512.7	279184.4	338142.8
705.9138	9.537367	9.463983	9.545617	3	0	3	50761064	10976053	22963129
618.4386	33.39917	33.3665	33.46717	5	2	3	68791.74	218689.2	94270.1
226.217	12.89718	12.87568	13.00055	8	3	5	589460.8	577746.9	191935.3
563.2637	29.80892	29.78167	29.89933	6	2	4	77046.48	201095.9	227225.1
635.6431	9.497658	9.460417	9.537367	4	1	3	4136990	2392058	5107345
229.5281	9.534967	9.502483	9.537367	3	0	3	10348502	6337077	12987390
215.8693	9.522017	9.502483	9.5571	4	1	3	17431844	12565830	26605241
678.2537	9.565158	9.506667	9.64025	4	1	3	7764884	3785366	4986612
318.1188	30.84067	30.73283	30.89783	8	5	3	169056.9	1315837	1383650
296.1312	32.146	32.0875	32.19083	9	4	5	1720376	5170784	10053369
236.0696	23.18767	23.14433	23.196	6	2	4	62768.4	110509.6	127001.8
425.3669	34.76917	34.73383	34.78	9	4	5	1374347	1733908	1897039
320.1766	18.22633	18.21417	18.24483	3	0	3	273459.3	266315.9	128675.7
396.2276	9.18575	9.0532	9.253383	4	3	1	758011.9	2103258	2111424
344.9726	21.6935	21.4985	21.7275	7	2	5	87801.93	214271.7	281484.8
518.1934	10.37933	10.34782	10.43838	7	4	2	1160027	1992628	2951266

429.7266	10.3949	10.37933	10.42227	5	1	4	1615651	1599210	2503358
558.4218	25.99217	25.95383	26.01533	5	2	3	549383.6	77796.65	99805.13
700.4467	9.463983	9.444983	9.537367	5	2	3	99919864	72617024	1.19E+08
677.0049	9.537367	9.531333	9.549217	3	0	3	5972538	2030400	3678450
358.8488	9.47815	9.460417	9.537367	5	2	3	26789204	20886807	40836026
443.0653	32.13575	32.05783	32.1605	6	1	5	237357.1	561507.6	1145774
719.4064	17.22208	17.1625	17.25317	8	3	5	190600.9	443218.5	722783.5
817.6267	7.179683	7.1138	7.220567	4	1	3	411073.8	124688.6	199102.3
614.4217	10.0083	9.93755	10.04445	8	4	4	39065608	24389459	30326548
593.9303	43.60167	43.55567	43.649	10	5	5	159049.5	1180164	354576.3
364.6021	30.26683	30.24433	30.30783	5	1	4	57609.18	87849.07	187032.4
795.6446	7.179683	7.09035	7.220567	4	1	3	247862.7	113908.6	185252.3
303.2489	38.85333	38.8515	38.89767	3	0	3	1776226	45128.86	13541.6
914.4607	41.22258	41.20717	41.2825	4	3	1	57031.25	240365	251241.4
313.6414	30.27292	30.24533	30.36167	8	3	5	293817.1	703375.1	1171313
306.2433	13.18253	13.15378	13.22525	6	3	3	223132.3	364463.2	154937.8
389.0244	9.697525	9.671033	9.76485	8	4	4	493316	469392.3	559960.5
239.1282	12.96948	12.84737	13.10903	10	5	5	7640791	7294649	7205547
454.1713	23.1945	23.10367	23.22367	7	3	4	101623.1	383991	349785.4
228.2689	22.39133	22.327	22.43817	9	4	5	510279.9	174732	136946.5
327.5938	31.00867	30.9645	31.09567	5	1	3	64074.36	82807.95	174581.3
203.8872	9.51595	9.49235	9.537367	4	1	3	4749754	4945483	4740249
347.9957	9.47815	9.473767	9.537367	5	2	3	36933784	31359570	50365781
415.181	15.29115	15.205	15.30375	3	3	0	321380.6	826519.7	1511855
729.8376	19.369	19.33867	19.37883	4	1	3	38206.14	31310.21	60116.92
358.8579	9.475958	9.460417	9.537367	4	1	3	9746555	8707543	17765771
496.3926	34.6415	34.63533	34.658	8	3	5	640430.5	867848.7	991082.6
823.6104	34.04908	33.9905	34.07833	6	2	4	90584.27	126693.4	158064.8
342.2981	9.483542	9.444983	9.537367	4	1	3	1890865	2090718	3306380
411.2077	22.119	22.03667	22.136	8	4	4	817779.3	2061286	2433862
543.3888	11.72863	11.68558	11.92125	7	3	4	1204140	2220839	2497775
549.1282	22.12592	22.03667	22.14983	6	2	4	360402.8	773486.3	1092513
426.37	34.74983	34.73667	34.77783	3	0	3	103908	93039.13	110132.2
335.2224	14.8621	14.8097	14.96778	9	4	5	383457.9	2074897	1992498
629.4717	40.12467	40.04767	40.12633	3	0	3	1744469	2053328	1258780
457.9291	18.135	18.03217	18.18483	4	0	4	113970.1	463633.7	718280.8
374.2277	9.541233	9.395833	9.819583	7	2	3	4304748	7304393	10838305
461.1961	15.68959	15.61248	15.71387	6	3	3	899277.8	2409965	4562058
657.6383	9.463983	9.444983	9.537367	5	2	3	41516608	31129257	55882962
462.039	21.16017	21.149	21.17	4	1	3	38061.91	37362.97	46833.72
461.2658	22.33283	22.27717	22.38517	9	4	5	125439.3	510737.3	530577.8
478.9243	22.14467	22.03667	22.201	7	2	5	172047.1	834102.9	1182540
1871.116	9.49235	9.460417	9.537367	5	2	3	7482528	8997332	13717432
726.8276	34.2275	34.19083	34.2315	5	2	3	58590.19	46579.94	63790.69
575.343	30.25	30.23	30.48633	3	3	0	101116.7	261842.9	486860.3
433.5184	27.516	27.41117	27.77533	7	1	5	129476.7	444395	657900.1
371.0087	25.693	25.68617	25.69883	4	1	3	62192.63	126441	250065.5

439.3172	13.06491	13.0354	13.17767	8	3	5	64172.49	219990.3	227446.5
448.8921	13.70376	13.63635	13.76397	6	2	4	108497.6	510125.5	1062824
350.2685	9.4622	9.116917	9.545617	6	3	3	9480323	3250511	5104273
553.3123	32.11658	32.11483	32.117	4	4	0	493835	1180536	2262088
245.0839	21.69533	21.57183	21.7275	8	3	5	310770.7	923858.6	1046853
479.8068	9.189283	9.101033	9.266617	6	3	3	9098724	5585325	5624070
432.2025	11.90403	11.87143	12.06333	10	5	5	1316158	4438217	6032084
675.4824	9.870633	9.858417	9.91985	6	3	3	560421.9	992963.7	1126164
517.9029	31.03117	30.93633	31.094	9	5	4	1178055	4504246	2312442
359.6187	9.500283	9.460417	9.545617	5	2	3	9282675	8437775	16528183
290.0515	11.05192	10.83542	11.1144	5	1	4	1409562	3024531	5395581
699.3998	9.482133	9.444983	9.537367	4	1	3	43406192	35382998	57359873
754.2337	30.25967	30.23533	30.3055	4	3	1	36129.73	133628.6	137497.4
712.5184	9.463983	9.416233	9.5558	5	2	3	5602392	4637617	3891889
280.1628	30.8495	30.73283	30.88867	10	5	5	11361287	61901564	44628868
367.4307	9.476383	9.43065	9.537367	4	1	3	6936412	2940972	4818476
468.0664	21.69333	21.67933	21.7275	5	3	2	90528.68	367682.2	440046
539.4175	9.291417	9.210417	9.3496	7	3	4	4253009	4854403	4087856
558.088	24.34283	24.238	24.35717	7	2	5	229075.8	536925.3	965082.7
342.6825	10.87918	10.86477	10.93685	5	1	4	553140.1	602504.7	1006595
156.9252	9.5169	9.49235	9.537367	3	0	3	3358888	1559335	3263647
401.0349	32.13283	32.07267	32.14983	6	1	5	217154.8	557442.9	1228080
511.3591	32.48992	32.43117	32.60533	4	3	1	106981.8	671092	537189.1
818.6301	7.179767	7.138117	7.235117	4	1	3	165816.3	45018.08	78072.63
641.2698	22.11558	22.02083	22.14983	6	3	3	276088.2	815815.7	1086760
1584.13	9.518825	9.460417	9.537367	4	1	3	2955017	2527982	5311009
545.3824	28.19175	28.11883	28.20567	6	3	3	512731.4	1161278	1934053
627.295	32.71783	32.6565	32.84617	5	2	3	78984.66	148494.3	248158.6
359.9924	22.12233	22.10767	22.14983	4	0	4	95966.48	263157.3	416567.6
479.306	9.236417	9.168467	9.266783	5	2	3	14227487	8840033	13924747
481.3753	9.77065	9.480383	9.817433	8	4	4	622601.7	916942.1	1220696
217.1803	21.13817	21.04633	21.15517	7	3	4	582984.4	2297188	1861654
562.9608	21.15267	21.12367	21.16317	5	2	3	113361.7	249133.7	356281.6
249.0248	11.06623	11.02277	11.09677	5	1	4	4174555	10468299	19761896
430.293	29.65167	29.593	29.66617	4	3	1	54156.2	222099.8	103945.2
628.4402	43.3445	43.30783	43.4255	4	1	3	52841.21	451127.4	99562.23
792.8997	10.67828	10.66922	10.67897	3	0	3	1262444	1164931	2376220
637.5389	7.23515	7.161867	7.281467	4	1	3	214541.8	59027.16	95142.1
243.1788	10.40915	10.0411	10.45412	13	5	5	3312814	10194930	11932920
389.1122	31.5575	31.48483	31.6035	10	5	5	1194670	7454485	3818819
312.1654	32.5195	32.38817	32.61133	4	3	1	50335.24	158822.6	237197.6
567.2086	30.2555	30.23533	30.33317	6	3	3	31403.1	124199.9	121951.6
340.2902	9.45735	9.43065	9.685033	5	1	3	6.52E+08	6.39E+08	1.3E+09
177.0549	24.70783	24.66817	24.75017	7	3	4	427846.1	2240437	2256097
305.2116	31.91467	31.86833	31.92733	4	0	4	179638.7	677377.1	701354.8
172.5947	9.463983	9.459367	9.537367	5	2	3	8584303	11793045	16803560
294.2069	26.31033	26.23883	26.369	10	5	5	2120741	8914563	9337438

390.1045	22.753	22.71633	22.78383	7	2	5	433173.1	708313.6	927755.5
300.1264	18.12142	18.04133	18.18667	10	4	5	400756.7	1209375	2147188
693.529	9.777783	9.738317	9.822817	9	5	4	2155579	3830042	4965679
693.4948	9.49235	9.471017	9.5558	5	3	2	18348826	11035643	8860055
337.2129	10.41907	10.37933	10.46653	8	4	4	7680092	25354067	30327875
290.1392	28.58517	28.54167	28.68783	5	2	3	38426.06	62547.89	105237.7
522.0548	13.02587	12.99103	13.05092	4	1	3	244444.5	205890.1	430944.3
342.1918	15.45593	15.44312	15.49818	8	3	5	47397.56	291254.9	178177.1
521.1598	10.65784	10.62195	10.78962	4	1	3	228623.7	704264.2	564738.7
512.3357	27.23967	27.22267	27.31367	7	3	4	102314.9	301414.4	142125.8
567.9337	10.08161	10.02378	10.14968	6	4	2	486127.3	671849.5	750964.1
456.1876	10.38373	10.33325	10.41848	5	2	3	1381782	1668256	3096290
698.4883	9.489492	9.186383	9.584433	8	3	3	20025566	38785170	45489966
737.4162	41.21533	41.17817	41.27017	4	4	0	40745.68	116468.3	140842.4
330.236	31.59733	31.51383	31.64483	5	3	2	44426.28	120771	95917.05
282.1946	10.86485	10.80215	10.95503	7	3	4	438888.4	500675.9	669206.6
380.2772	34.13283	34.11217	34.1575	5	2	3	73183.91	147526.5	155764.6
754.2005	30.819	30.81667	30.93717	4	3	1	57914.56	173498.4	146946.9
318.8512	19.36225	19.32383	19.37367	6	2	4	33689.66	117176.9	96299.85
667.3384	9.250667	9.101033	9.257833	5	2	3	7035255	4583453	7676432
359.4215	9.476383	9.43065	9.537367	4	1	3	2856334	3045110	3991655
168.0747	21.15267	21.082	21.44917	7	2	4	76428.69	112275.3	128711.5
623.8028	10.86477	10.81753	10.93685	7	3	4	249028.3	411283.6	618099.9
454.3381	26.55617	26.51633	26.577	5	2	3	464851.1	675852.4	690069.9
331.2558	9.537367	9.488017	9.866317	9	5	3	14445776	35097155	43218747
504.8905	27.67592	27.61883	27.83517	10	5	5	410209.2	2048306	1935716
375.8794	9.475958	9.460417	9.537367	4	1	3	9494899	9968003	16978676
629.441	10.86477	10.80383	10.93685	9	4	5	12228073	20998128	30043064
504.0233	42.72867	42.65433	42.75867	5	2	3	59097.34	534690.2	128926.7
642.4798	37.54142	37.49183	37.63617	10	5	5	250228	1322588	1339888
211.1695	25.04083	25.02783	25.12283	5	2	3	446329.9	3852363	5502352
196.0928	22.37017	22.27817	22.38517	7	2	5	128006	255245.5	366834.2
555.4455	38.66925	38.64067	38.86817	10	5	5	480916.5	2202784	1360572
694.4975	9.44975	9.394733	9.537367	5	2	3	5222444	3165830	1433242
314.3058	29.96358	29.93583	30.01183	10	5	5	752593.8	3608233	2206108
596.2647	29.21375	29.19917	29.31467	4	1	3	251308.8	926042.3	964677.3
409.3067	11.27315	11.26468	11.54758	7	3	4	233513.1	778629.8	794389.5
326.2635	9.537367	9.50195	9.584433	7	5	2	3457727	4255951	4909676
377.3303	9.504742	9.460417	9.537367	4	1	3	3008494	2287358	4466742
357.2172	9.314158	8.991783	9.5558	8	2	5	3246562	2507012	2714338
632.7019	9.529058	9.460417	9.545617	4	1	3	3493202	3430734	7126626
279.1594	30.8495	30.73283	30.88867	10	5	5	62928832	3.5E+08	2.45E+08
490.326	11.74213	11.68558	11.79652	6	3	3	263795.4	515215.4	534297.9
236.1649	20.97717	20.93367	21.00683	5	3	2	76041.5	283679.2	346464.6
274.6257	27.77533	27.765	27.84883	5	1	4	984992.7	4224951	5748258
414.178	15.27613	15.21587	15.37675	9	5	4	1723958	5140922	9413046
603.4775	34.48867	34.46633	34.49683	4	1	3	139938.7	123732.8	155843.3

452.3666	34.70333	34.69	34.72917	9	5	4	690645.2	1009562	1166522
459.2014	12.19923	12.18742	12.22837	3	0	3	31219.79	49742.11	32143.61
376.935	9.514858	9.446567	9.545617	4	1	3	5813956	4444633	8532105
470.3964	34.71475	34.704	34.74033	6	2	4	248174.6	284242.9	172111.9
753.3809	43.5725	43.4875	43.646	4	1	3	39741.09	121750.7	97589.63
576.0586	22.768	22.66833	22.79867	6	1	4	92821.02	117099.5	167938.4
658.593	9.463983	9.444983	9.537367	5	2	3	46743408	37446639	66468521
679.6088	9.488017	9.421367	9.596683	5	3	2	42496660	23639854	21450997
224.0999	30.49325	30.36167	30.5025	6	3	3	87426.73	355988.8	422012.1
340.2491	18.30483	18.25767	18.336	3	0	3	30746.81	156848.8	33667.47
358.9884	22.11875	22.05267	22.201	8	3	5	1116606	4568501	7768691
1983.128	9.47815	9.460417	9.537367	5	2	3	43519864	23145752	33546289
319.2847	34.75625	34.7185	34.77633	10	5	5	1469671	6516088	7164999
395.3274	21.36517	21.27433	21.39333	7	3	4	59094.13	141721.9	149040.4
558.4488	34.57	34.55133	34.58567	7	3	4	1054267	1438960	728098.7
554.394	42.3715	42.34217	42.39517	4	1	3	43005.07	278761.7	31903.6
594.2704	30.96517	30.928	31.07383	9	4	5	254957.7	883111.8	1127749
487.3593	29.64442	29.54933	29.66617	4	3	1	35233.32	114108.2	136485.8
357.1557	9.469283	9.43065	9.537367	4	1	3	3435494	2276010	2698508
280.1053	27.446	27.29967	27.463	5	2	3	48330.14	172843.2	170114.8
1588.624	9.53435	9.49235	9.6125	4	1	3	6895061	7390595	15817335
1966.203	9.474117	9.463983	9.537367	5	2	3	24628690	18075084	24220178
443.0314	31.51733	31.4425	31.53917	5	1	4	51495.67	116681	237896.6
400.3429	32.98008	32.93317	33.05117	8	3	5	92277.82	595657.9	257124.2
490.2911	26.21033	26.18667	26.27567	9	5	4	187863.2	648771	714514
686.5062	37.40408	37.37167	37.50733	10	5	5	222072.8	1239232	1304709
350.2176	44.44433	44.344	44.57383	5	1	3	56307.27	616064.5	208273.4
629.0754	19.57533	19.50067	19.5915	5	2	3	72142.27	113966.1	224459.1
567.4317	10.11443	9.828633	10.1429	9	5	4	3061560	3585455	4808342
457.1848	10.38171	10.36242	10.43652	6	2	4	1815574	2949756	4367992
278.0463	19.35933	19.32383	19.46583	5	3	2	70556.32	211017.7	272651.5
362.2699	19.15833	19.12233	19.20017	7	2	5	58384.38	111178.4	89714.16
607.3601	25.04083	24.9975	25.06317	7	4	3	262958.6	613222.8	761712.2
333.1949	10.84885	10.81963	10.88395	8	4	4	415436.8	376511.9	467781.7
699.5332	9.2143	9.116917	9.44975	8	4	3	5658264	2086161	1910499
1041.69	30.89133	30.87817	31.00883	4	3	1	321869.3	738186.2	1166189
462.3776	29.63717	29.59167	29.70967	5	2	3	192972.9	785459.1	791221.4
496.4841	37.43358	37.40167	37.6065	10	5	5	1928272	16529007	9264770
274.6372	9.212325	9.135433	9.236417	6	4	2	1695225	1444339	1524397
659.288	41.19333	41.16333	41.23617	10	5	5	1128994	6337218	4828571
540.408	12.14353	12.14225	12.18558	3	0	3	44952.9	58871.41	72729.71
203.5584	9.51595	9.49235	9.537367	4	1	3	9250196	8874436	9833627
282.2797	13.54925	13.51812	13.55272	5	2	3	49772.85	120334.2	154706.4
378.6562	9.47815	9.416233	9.537367	3	0	3	3147961	2404772	3859954
603.1461	23.89883	23.86133	23.91067	6	1	5	140289.6	296826.7	653994.9
391.998	16.929	16.8745	16.94617	5	1	4	299539.3	179803.3	351169.5
460.9129	18.13525	18.09117	18.155	4	0	4	90729.69	393693.3	570375.7

420.2383	10.37933	10.17218	10.45178	5	3	2	989244.4	1070883	1170563
471.6516	10.38173	10.22325	10.40528	4	1	3	378965	324680.4	478451.3
376.9156	17.44658	17.35267	17.5305	4	1	3	68269.06	173018.4	276491.6
637.4549	43.30792	43.29333	43.33733	10	5	5	246491.2	2651070	667754.9
621.4874	16.53952	16.47292	16.58867	10	5	5	411712.3	1758110	1485743
566.4286	10.11443	9.819583	10.1429	9	5	3	11108357	16512099	20827736
369.4817	9.49235	9.444983	9.64025	5	1	3	3253661	1476864	3114561
540.4189	34.56633	34.51967	34.5725	8	4	4	526425.4	690542.5	788494.2
373.0986	37.41033	37.38683	37.43067	5	2	3	33485.17	196303.2	133548.6
554.166	10.69564	10.59208	10.76105	4	1	3	296048.3	466760.1	649423.7
564.1645	21.68167	21.64967	21.7275	5	2	3	70477.34	51281.26	64448.43
395.0793	19.40083	19.29933	19.53217	6	2	3	370367.1	558876	831224.1
610.8428	9.541492	9.506667	9.6125	4	1	3	4974211	2762278	5802740
630.4442	10.84934	10.7482	10.9188	10	5	5	1449569	1862200	2469446
229.163	10.40063	10.37933	10.45412	6	3	3	350085.6	1025631	1112256
310.2439	16.54567	16.5303	16.58867	5	1	4	143284.1	606437.7	571433.2
478.179	9.463983	9.416233	9.537367	3	0	3	4195552	1713756	3634838
1052.227	9.551242	9.500283	9.584433	4	3	1	4842742	2180576	2621958
239.128	12.3485	12.28567	12.48778	5	2	3	1666489	3738637	2717817
379.0899	9.531333	9.47815	9.537367	3	0	3	3048943	1157394	2370444
451.3634	34.70933	34.68767	34.72933	10	5	5	2927967	5048688	5633730
245.084	25.68433	25.63817	25.69883	8	3	5	341405.1	746849.2	1289918
600.118	24.34275	24.2525	24.35717	6	2	4	112717.8	192639.5	350043.8
708.5412	9.537367	9.463983	9.545617	3	0	3	31226942	10874820	13652782
387.1058	22.75058	22.73267	22.79867	6	1	5	155054.8	261637.6	350778.7
568.4503	40.229	40.1915	40.30817	4	1	3	88234.26	70462.87	37653.16
395.2697	14.405	14.39035	14.50623	5	3	2	130177.5	415747.8	304646
227.6778	9.537367	9.5025	9.572217	7	4	3	2872272	7846029	8256412
481.305	9.218233	9.08515	9.266617	6	4	2	78155256	53164527	88398016
227.1805	10.41965	10.37933	10.45412	7	3	4	4037273	14920438	18736286
840.3765	10.72183	10.70707	10.78962	3	0	3	346701.2	637275.6	1156111
716.4411	9.7556	9.6898	9.948533	6	2	3	1657294	870472.6	1426952
429.0259	15.89132	15.83598	15.9229	5	2	3	418355	177391.6	338576.2
458.2999	29.63683	29.56383	29.65133	4	3	1	43794.9	170028.2	108167.9
695.3599	41.209	41.1485	41.25083	7	4	3	94088.69	385709.7	344272.6
488.1234	41.7035	41.6285	41.7295	9	5	4	33414.47	261654.7	99313.76
594.273	9.236417	9.101033	9.2529	7	4	2	3345234	3301810	2179323
596.3358	30.45767	30.4265	30.53333	6	3	3	92386.3	427281.3	298197.9
621.3731	7.114742	6.846833	7.210433	6	1	3	178900.5	200800.9	270704.8
891.4212	10.38515	10.366	10.39378	4	0	4	590654.6	549116.9	923966.1
375.593	9.514858	9.460417	9.545617	4	1	3	4041767	3475039	6655587
675.2626	41.20775	41.16333	41.25083	10	5	5	149023.7	688734.8	618752.4
422.9867	18.14992	18.0455	18.16983	6	2	4	903878.6	2677446	3627163
772.222	32.741	32.693	32.84617	5	1	4	94164.69	185609.7	403933.7
547.9945	18.6225	18.59617	18.6355	5	2	3	390477.8	957748.2	1667639
225.0324	20.44525	20.411	20.464	6	2	4	302584.5	635598.6	871200.9
718.1957	29.13992	29.1255	29.163	4	1	3	66802.79	154037.9	253795.1

566.2781	9.199533	9.08515	9.236417	5	3	2	1276842	1737536	721750.3
786.0956	26.26767	26.2395	26.36	4	1	3	35483.81	64122.11	89303.21
401.0119	10.4029	10.37933	10.45238	4	1	3	606330.6	1065082	576136.4
759.5481	34.13283	34.12717	34.162	5	2	3	146784.6	310159.9	359486.6
452.8002	9.4622	9.184033	9.537367	6	3	3	27478704	11086559	21697379
998.7139	33.728	33.69983	33.78267	5	2	3	93289.29	79813.7	118295.1
335.2963	38.824	38.78717	38.82417	3	0	3	32713464	52006.31	18687.46
183.1575	10.39333	10.36242	10.43838	6	3	3	287000.6	681498.5	685253.3
698.5278	9.208	9.116917	9.266783	9	5	4	32267210	13633242	11787814
599.115	24.34283	24.238	24.35717	7	2	5	361514.8	847978.6	1503802
973.4492	10.70953	10.67897	10.72217	4	1	3	1667699	1713383	3279646
547.3485	11.64327	11.63278	11.65528	3	0	3	71479.19	64077.97	87140.18
631.9526	38.32842	38.30067	38.41733	4	1	3	35147.98	108376.9	93680.63
434.2747	44.69533	44.64133	44.78567	4	3	1	49229.59	433778.9	83943.72
622.4443	29.92408	29.875	29.9365	10	5	5	179025	1309603	241024.6
389.7191	9.5667	9.529583	9.584433	6	4	2	5493325	6877456	8940740
314.7226	10.86485	10.80383	10.93685	9	4	5	1416855	2052538	2912541
658.9663	43.18975	43.17117	43.21833	10	5	5	250621.6	2918391	816621.6
781.4434	9.523983	9.506667	9.577883	3	0	3	6475157	7333980	9230412
348.7732	9.059967	8.9037	9.10085	6	5	1	1745911	3213285	2386407
358.4739	9.475958	9.460417	9.537367	4	1	3	11310082	10859703	21183051
696.5395	9.051367	8.9037	9.10085	5	4	1	1525328	2014202	2028998
340.7623	9.546583	9.473767	9.596683	8	5	3	3.68E+08	1.06E+09	1.38E+09
519.0613	32.43642	32.37967	32.527	4	1	3	303998.4	459275.6	820980.7
557.2164	28.40133	28.3145	28.49317	7	3	4	205395.5	485820.4	696281
340.6161	9.537367	9.463983	9.584433	5	2	3	73905976	45641202	60773236
539.1622	10.69325	10.5386	10.76465	7	1	5	1324896	1754025	3276406
533.3444	29.72733	29.71	29.755	5	2	3	55395.24	193804.6	145718.1
367.3236	9.5169	9.47815	9.537367	3	0	3	32806072	18411132	33287771
495.3895	34.6415	34.5835	34.65967	10	5	5	2492678	4241579	4825337
434.9128	15.89132	15.85152	15.9229	5	1	4	100627.4	355392	626993.2
475.916	22.136	22.10867	22.24517	4	1	3	65848.96	194877.9	315013.6
575.2634	29.12592	29.08283	29.2115	8	3	5	290137.7	1255824	1572266
986.6642	32.39467	32.342	32.42733	5	1	3	92482.14	510387.2	380002.3
331.2121	38.72092	38.6875	38.72133	4	1	3	30329.26	156695.2	96315.97
664.4561	9.416233	9.186383	9.463983	3	0	3	3.41E+08	1180646	1643032
477.8412	33.79433	33.74017	33.8055	4	1	3	367017.7	599984.4	702970.8
658.4748	34.76183	34.72033	34.78367	9	5	4	721358.2	1585026	564613
369.164	13.47472	13.4494	13.52492	5	2	3	95314.29	165028.4	91532.17
375.4678	9.490225	9.460417	9.537367	4	1	3	3745742	5266854	8119580
541.3292	32.11592	32.08683	32.17667	4	3	1	391792.9	937879.8	1753063
326.163	38.193	38.12733	38.21533	3	0	3	27019.58	52555.99	29725.34
493.3835	14.0943	14.08735	14.1612	3	0	3	68431.7	286265.5	291304.1
620.484	17.20708	17.17867	17.25317	10	5	5	4245543	20245591	16187437
458.0568	32.146	32.10267	32.21717	5	2	3	32239.48	64855.43	64004.57
450.1091	26.44417	26.44317	26.45817	4	1	3	41163.39	43816.26	59053.37
343.2963	20.14092	20.103	20.31433	10	5	5	347393.8	1226045	990302.1

298.0824	31.578	31.49983	31.61533	8	5	3	57238.89	258978	173123
411.9995	21.78433	21.73733	21.79333	3	0	3	55140.56	99443.69	129665.1
697.5436	7.272717	7.207417	7.307117	4	1	3	233396.6	69691.59	127925.6
372.2386	12.62077	12.53962	12.80027	8	3	5	65627.33	285339.7	145861.4
343.1887	16.41836	16.39732	16.46763	10	5	5	492635.3	1075317	855406.2
268.1757	27.14608	27.08717	27.2075	10	5	5	784367.8	3106411	3576848
498.8561	33.739	33.6945	33.78267	8	3	5	258778.6	958495.8	1085319
328.2853	13.78332	13.76062	13.88168	10	5	5	211317.2	821662.3	1009284
282.0791	15.32177	15.29043	15.37997	5	1	4	77541.87	248268.4	321458.2
406.2957	12.62075	12.5832	12.66212	6	2	4	98491.16	166772.3	234826.4
562.3702	25.02683	24.9975	25.053	7	4	3	118135.2	226130.3	256368.4
348.3461	9.47815	9.460417	9.537367	5	2	3	15144683	15073806	23465621
290.1062	10.66333	10.60657	10.74052	4	1	3	882546.9	683514.5	979691
256.1628	18.83667	18.80483	18.87783	5	3	2	385793.6	584343.1	909907.4
524.3711	34.956	34.91917	34.973	4	4	0	73701.15	475685.4	340628
376.2917	9.475958	9.460417	9.537367	4	1	3	11184688	10679528	21358331
339.2323	32.012	31.92633	32.0445	5	2	3	230425.6	405222.3	343294.2
342.1497	22.09733	22.005	22.12217	8	3	5	899616.3	1723143	2275101
309.2623	13.3869	13.36052	13.44572	8	3	5	380077.8	1452239	1851047
228.1599	9.671033	9.61695	9.751083	5	4	1	3084372	8221309	5472746
491.3252	9.340625	9.1639	9.460417	6	3	3	2462467	2178204	2227406
411.3196	39.52558	39.5005	39.60933	4	1	3	128214.2	292300.8	55876.59
439.0263	25.705	25.66867	25.70833	3	3	0	41776.84	93339.41	134509.9
407.3371	34.7655	34.73383	34.78	10	5	5	2629601	5323799	5976455
668.1595	26.23142	26.173	26.31783	8	3	5	329770.2	931135.3	1284714
734.197	32.10017	32.01533	32.19133	7	5	2	98139.44	639679.6	596985.2
359.3423	9.469283	9.43065	9.537367	4	1	3	4112276	4057681	6317872
320.2881	34.76183	34.72233	34.792	9	4	5	246323.6	943296.8	1056222
454.06	25.689	25.65733	25.69883	5	1	4	59224.89	98658.72	195414
499.1774	23.708	23.6545	23.76133	3	3	0	108880.8	226927.1	392528.6
554.4652	10.39209	10.335	10.40915	6	3	3	631381.2	667227.9	1021722
315.3092	29.96983	29.93583	30.01183	10	5	5	118189.8	512932.3	289893.3
218.0194	21.67625	21.54233	21.71283	4	1	3	33531.02	66670.3	61793.82
385.3827	23.26833	23.17983	23.31333	5	3	2	666728.9	616120.1	395370.8
232.0503	21.68025	21.57183	21.71283	8	2	4	81883.94	205394.1	111504.9
350.2048	25.405	25.402	25.44767	4	0	4	115916	276849.3	133864.5
1131.424	9.463983	9.43065	9.537367	5	2	3	25188752	11164442	22169534
452.4116	9.2076	9.08515	9.280533	3	3	0	5256000	6443022	8013956
468.2248	11.51077	11.50172	11.55333	5	2	3	869232.3	1703645	3435481
423.7822	19.78192	19.75333	19.8525	8	3	5	146176.3	546416.9	792962.9
316.6139	9.541492	9.52075	9.6125	4	1	3	1456479	1351307	2954350
431.116	11.28363	11.27452	11.30973	6	2	4	2567421	4430327	9458385
638.2822	22.15367	22.06867	22.1655	6	2	4	476526.8	1294769	1719060
485.2174	10.40915	10.34782	10.48317	7	3	4	1337678	3225633	3761706
535.0716	17.01583	16.76583	17.08467	7	2	4	326867.7	416875.7	858330.2
316.2853	29.68083	29.492	29.712	7	4	3	121213.3	713940.4	685616.5
203.7227	9.51595	9.49235	9.537367	4	1	3	11048391	10541549	12043764

439.2623	23.282	23.25383	23.3685	7	2	5	116823.8	260281.1	423405.1
417.9212	8.894167	8.695117	8.94765	7	5	2	215732	331176.2	245928.3
381.2908	10.08522	10.0679	10.12338	5	2	3	1496934	2871623	4517426
402.0691	10.38859	10.34715	10.49363	4	1	3	497392.5	675848.7	373099
643.4833	37.5525	37.51017	37.64467	7	3	4	88112.22	388519	421733.9
658.9482	18.14683	18.10567	18.16983	3	0	3	79360.2	183903.1	339212.5
583.477	43.09683	43.05483	43.21833	8	4	4	53846.25	267910.2	34054.91
378.3218	41.6255	41.58467	41.6585	7	3	4	50707.75	179431.6	210271.5
365.8496	9.47815	9.444983	9.537367	3	0	3	2871940	1537524	3145019
327.3008	23.4715	23.42917	23.55433	7	2	5	87500.58	238474.3	441588.3
339.1932	25.85433	25.8365	25.89617	3	3	0	171114.9	368856.9	662625.2
542.1608	10.69548	10.58085	10.77118	6	1	4	6840150	10374377	20038112
291.1813	28.14717	28.02967	28.22367	7	3	4	426270.8	1394331	1787583
338.9468	9.577667	9.416233	9.677167	5	1	3	1969901	1090940	1359421
390.173	31.18333	31.17333	31.19267	4	0	4	59411.05	260229.9	96006.54
702.5371	36.06033	36.0345	36.11267	6	3	3	463084.3	3147757	2947401
705.9897	33.17183	33.125	33.2025	3	0	3	56881.57	106592.9	115529
729.2007	9.490442	9.460417	9.537367	4	1	3	16323820	7567823	16176468
307.1314	25.68033	25.64683	25.69883	8	3	5	297682.4	707831.2	1385585
354.0766	21.44175	21.3015	21.4785	8	4	4	193635.5	177218.3	203233
341.2638	9.546583	9.47815	9.596683	8	5	3	79542464	2.3E+08	3.03E+08
332.1652	21.69342	21.57183	21.7275	6	2	4	179768.8	410579.2	292966.3
554.2727	9.217975	9.101033	9.254883	8	5	3	17934818	16799466	23011717
306.2641	35.07433	34.99633	35.147	5	2	3	38236.72	157765.4	76681.64
332.7974	9.47815	9.473767	9.537367	5	2	3	11464046	14032169	21414485
212.2516	9.522017	9.460417	9.545617	4	1	3	5898831	6532425	13152764
301.2376	37.69383	37.65333	37.72433	6	3	3	428797.2	478003.8	151944.6
333.1	17.01717	16.9865	17.05383	5	1	4	185931.8	337248.9	674103.7
457.2153	23.88067	23.77683	23.88533	7	2	5	755171.9	1861516	3272283
413.2368	27.20067	27.11533	27.3695	11	5	5	286117.7	378814.3	328385.8
329.3166	23.48042	23.4305	23.53733	4	1	3	55891.3	101555.4	215160.6
336.0535	21.44	21.31517	21.4785	5	1	4	68753.44	196849.3	265427.2
791.6203	44.97317	44.85567	44.97533	5	4	1	30628.51	80491.47	18170.15
276.9893	9.51595	9.47815	9.537367	4	1	3	5090838	3082713	3919621
447.3112	30.14117	30.0755	30.26133	6	3	3	82182.95	347908	331533.6
367.2037	39.19333	39.13083	39.20833	3	0	3	63051.36	184454.9	62097.92
503.1898	10.40805	10.37933	10.44485	5	1	4	2328529	3442616	5222507
730.7899	9.4622	9.43065	9.537367	4	1	3	3693813	2085546	3962889
277.0562	15.86077	15.83023	15.89552	7	2	5	802414.4	1905103	3153580
360.1934	9.504742	9.460417	9.537367	4	1	3	5418009	5726606	6898354
374.2754	19.15833	19.12233	19.2145	9	4	5	403961.4	972177.7	1288675
285.7429	8.6286	8.332483	8.636933	5	3	2	382177.9	933155.5	1267251
337.3144	34.75783	34.72233	34.78	9	4	5	272861.8	923392.5	1024467
602.2187	28.39517	28.35217	28.48133	5	2	3	58736.43	104871	136791
359.0905	22.76842	22.74667	22.80117	4	1	3	54687.55	61492.35	79556.65
322.0376	12.88377	12.64055	12.94688	6	1	3	51815.31	142405.5	270053.1
344.3165	32.09525	32.05867	32.1175	10	5	5	289396.3	1091126	1068680

310.1301	25.67708	25.64683	25.69883	8	3	5	1001973	2053638	3929969
458.2192	23.87825	23.84617	23.89933	6	1	5	160029.3	347481.6	615931.4
807.4701	9.897642	9.891217	9.932383	4	1	3	204164.4	160002.9	216847.4
320.2225	24.0625	23.9955	24.077	5	2	3	639536.8	350932	130699.5
457.0573	25.6825	25.64683	25.71367	7	2	5	171936.6	419246.6	831896
395.1282	18.93883	18.90983	18.95317	9	4	5	102360	420989.5	428099
834.3537	10.66922	10.63728	10.77118	7	3	4	1486345	1525289	1772313
721.4482	22.58917	22.57133	22.60567	4	1	3	52949.09	60877.81	106659
1006.402	9.531333	9.44975	9.64025	5	1	3	10283960	2895809	6274599
515.3199	23.10367	23.05067	23.196	3	3	0	37220.98	126273.5	100134
314.221	10.86477	10.80383	10.95503	9	4	5	4436113	6899103	9867276
755.5261	29.81942	29.79967	29.84117	6	2	4	32058.28	183291.6	43350.49
902.4602	41.208	41.20783	41.25083	5	3	2	55025.91	241258.2	239105.1
698.3304	43.60183	43.54783	43.6195	6	1	5	68478.8	166603.2	187019.5
492.3802	14.10532	14.03807	14.19172	8	4	4	243634.9	1227898	1196939
792.6	10.5964	10.4685	10.6408	8	5	3	1494452	1678448	1761155
790.4513	9.534967	9.257833	9.537367	3	0	3	1183552	1539923	1476441
351.0894	30.78442	30.74683	30.84933	4	1	3	100349.6	407971.7	243078.8
620.484	16.53952	16.47292	16.58867	10	5	5	2513296	12060944	9607037
553.2096	24.165	24.16483	24.19517	3	0	3	230631	918574.6	1000243
270.3157	32.58817	32.54567	32.61267	9	5	4	50159.32	456786.9	92045.49
291.2297	29.71692	29.57867	29.7875	8	4	4	146891.9	801671.3	918272.2
278.8071	30.76233	30.74683	30.79183	3	0	3	65012.6	156734	170723.7
266.1731	13.00762	12.9761	13.06513	9	5	4	867909.1	3124273	4298170
419.127	28.64333	28.58283	28.65833	5	2	3	51597.08	95666.71	120807.7
486.1263	41.70083	41.65733	41.7295	10	5	5	218441.8	2493105	367202
516.3692	39.3475	39.298	39.37317	9	4	5	230085.1	516806.1	377410.9
503.171	10.6978	10.61352	10.77118	4	3	1	480586.1	1288626	2194072
477.1214	11.28918	11.24107	11.29943	7	3	4	6847650	13245933	28547224
272.186	25.22183	25.156	25.227	5	2	3	237211.1	843686	1102917
201.0083	2.231583	2.004783	2.440967	11	5	5	359439.7	3991886	1617706
348.363	9.489217	9.473767	9.537367	4	1	3	17410656	18061881	28157965
294.207	11.51052	11.4717	11.73068	7	3	4	109753.4	509402.5	501848.9
339.0533	12.9152	12.83015	13.10903	7	2	5	4316565	3227837	5383857
212.4719	9.483542	9.444983	9.537367	4	1	3	2605026	2692050	5527779
226.1804	20.53067	20.4835	20.538	5	2	3	105949.4	406377.8	580751.1
220.1781	10.09795	10.07062	10.13852	5	2	3	108040.3	171553.8	247403.9
574.3376	30.284	30.24533	30.50117	5	3	1	1104393	2133679	4188900
430.0256	25.69217	25.63267	25.7215	5	3	2	31429.08	186548.1	108786.3
582.2286	29.48392	29.45417	29.57867	6	2	4	116687.5	183061.2	240732.9
520.0361	26.97558	26.927	26.99883	6	2	4	57705.22	156693.4	211830.3
587.3183	11.47827	11.44367	11.52992	5	2	3	110581.1	101756.5	108839.5
289.2129	25.9355	25.88233	25.976	5	3	2	50391.29	120106.6	88288.1
541.8302	32.14658	32.117	32.439	4	3	1	225794.2	514974.6	986928.5
693.795	34.31167	34.27767	34.31933	5	2	3	63214.08	63297.49	77963.83
390.1368	22.4205	22.35967	22.459	7	2	5	321649.5	988201.9	1330184
301.1466	28.22883	28.191	28.23633	6	2	4	97214.85	257923.2	372065.4

173.0963	16.86433	16.77733	16.89817	6	3	3	95504.5	404891.4	209081.4
353.2087	30.25	30.24433	30.2755	3	3	0	34723.16	125526.7	119148.2
1141.561	10.66402	10.6063	10.66922	7	3	4	3056310	4830991	8736259
408.3403	34.764	34.73667	34.792	9	4	5	587877.6	1004243	1059378
485.1326	41.70083	41.64883	41.7455	10	5	5	76471.6	849335.3	153217.6
614.9403	43.45583	43.4175	43.48533	10	5	5	503320.6	5170070	1370516
1578.101	9.537367	9.49235	9.545617	3	0	3	2452720	2563824	5351344
524.4243	40.36033	40.34183	40.47117	3	0	3	68358.38	105357.2	88179.13
561.3668	25.04367	24.9975	25.06317	7	4	3	343291.1	785179.4	921861.4
373.1311	32.88867	32.87817	32.9635	5	1	4	369529.4	1233624	2036917
471.3629	15.246	15.14128	15.27635	6	2	4	43985.41	104502.5	119922
398.5688	30.29	30.24433	30.36167	5	1	4	113141.9	202843.9	446093.3
234.1145	14.77343	14.73133	14.80373	7	3	4	99143.01	317314.3	405733.8
867.6365	33.9905	33.9655	34.03883	5	1	4	78877.04	62711.04	75960.72
659.9226	32.13233	32.0925	32.146	4	1	3	55157.55	76986.37	164394.6
1749.798	9.502483	9.47815	9.537367	3	0	3	23383768	24045355	49787898
536.9051	44.02875	43.96733	44.0585	10	5	5	109157.5	1031009	221942.7
611.7939	10.70244	10.69325	10.70807	4	1	3	1161684	1258554	2365783
424.8053	34.07392	33.98017	34.09767	4	1	3	40772.16	120527.9	137985.2
554.1973	26.14725	26.09583	26.205	8	4	4	262199.1	575615.6	735938.5
427.2458	38.09417	38.0685	38.12717	6	3	3	72765.54	284678.8	301052.4
379.2385	39.43308	39.35517	39.46667	10	5	5	140924.3	1636828	472965.7
218.1835	21.12033	21.04633	21.15267	3	0	3	48490.05	140592.5	101786.1
345.32	32.08017	32.063	32.08817	4	3	1	52987.69	142228.2	199217.1
317.1054	21.13642	21.05833	21.162	10	5	5	4886245	16514272	22733727
240.1316	12.9034	12.83283	13.0366	7	3	4	1032975	733459.2	702228.6
405.2731	8.788633	8.51555	8.881833	4	3	1	106356.4	181652.7	158090.5
701.9707	18.09117	18.05967	18.14	3	0	3	46819.51	61439.21	98504.19
1978.143	9.5169	9.463983	9.571	5	2	3	68635512	56123155	85096273
394.1808	9.648633	9.55075	9.654717	3	0	3	3689619	4551394	8001196
1581.652	9.541492	9.49235	9.6125	4	1	3	3878571	3789040	8468430
567.2856	9.225483	9.173283	9.2529	4	1	3	3304993	2394412	3907393
586.5049	38.14325	38.115	38.36833	10	5	5	70959.59	522864.4	343655.7
621.4874	17.20708	17.17867	17.2395	10	5	5	688463.9	3169420	2604372
607.4809	11.05533	10.9623	11.0843	7	3	4	190267.2	213177.2	264314.7
573.4004	33.05775	33.03667	33.12767	4	1	3	1097258	3469450	4416831
306.2434	9.961883	9.924533	10.00747	4	1	3	546495.6	1259663	1009038
411.3419	9.968133	9.93755	10.0025	7	3	4	692071.1	899636.6	1154860
153.5325	25.03692	24.96417	25.0795	4	1	3	175317.7	143330.8	309263
295.1876	33.52567	33.463	33.7715	5	1	4	96217.66	696375.6	1149756
923.6958	9.429067	9.351383	9.44975	5	1	4	4074464	1695791	3111514
570.3198	28.2215	28.16133	28.264	5	3	2	70010.54	257057.8	200295.5
595.0078	9.511617	9.460417	9.537367	4	1	3	2845660	2889184	6226929
649.241	32.16142	32.0855	32.23883	4	1	3	178004.2	143638.4	293689.8
635.4755	11.56863	11.52713	11.59793	6	3	3	69955.37	144515.9	183239
980.6744	33.66675	33.641	33.68317	4	1	3	42038.38	150258.3	178888.9
480.8051	9.20005	9.101033	9.2529	7	5	2	1.47E+08	1.15E+08	1.88E+08

347.2505	20.77025	20.687	20.84633	6	2	3	37003700	15862204	20714322
464.3462	33.90517	33.86183	33.93567	6	2	4	156843	537264	234978.9
350.2985	31.73617	31.6825	31.77883	6	2	4	86452.23	197366.6	219907.2
690.4999	9.460417	9.394733	9.547767	5	2	3	5691304	5113679	7542363
298.2077	10.87885	10.732	10.95503	10	5	5	1120080	1355538	2081913
343.1786	10.86473	10.80383	11.00872	7	2	5	668539.7	780552.8	1219946
217.1437	16.97667	16.93267	17.0075	6	3	3	46450.59	260443.2	153091.3
262.1326	8.959583	8.933233	9.022867	3	0	3	384555.3	278001.7	312266.2
322.8998	13.33215	13.23695	13.3587	3	0	3	169934.1	455854.9	825798.4
402.3581	32.63958	32.6175	32.68567	10	5	5	133308.7	1123415	165769.7
892.5447	31.07758	31.06583	31.10817	4	1	3	58972.25	161564.4	146289.4
387.1618	37.00567	37.00533	37.00783	3	0	3	52907.67	262651.8	138442.8
347.2628	9.489217	9.473767	9.537367	4	1	3	12444496	14751063	21906852
384.2584	10.39097	10.34782	10.44485	9	4	5	512249.5	1252731	1674934
406.2312	14.35027	14.3004	14.37585	6	2	4	42316.49	172710.4	129479.3
402.0669	22.98383	22.938	23.01033	5	4	1	145518.8	474784.2	688344.1
746.5276	34.37592	34.32917	34.41517	10	5	5	136109.2	1887671	451282
295.2386	11.13748	11.063	11.23492	7	3	4	160381	828601.8	858843.7
473.2102	17.193	17.16283	17.2105	5	3	2	185620.2	428137.7	747640
310.7457	17.22942	17.19167	17.254	6	2	4	115080.8	433999.4	426249.6
836.596	28.76083	28.74433	28.778	7	3	4	147737.2	432174.8	531749.6
371.1357	32.44567	32.40367	32.4975	5	1	4	363779	1123566	1858081
544.3921	11.72454	11.68558	11.7652	6	3	3	337234.2	585995.5	645064.7
549.2475	28.1615	28.07367	28.1635	3	0	3	81344.7	287558.4	379416.9
203.9549	9.526183	9.49235	9.545617	4	1	3	8483615	8374861	9475793
372.987	13.71142	13.46225	13.76748	8	1	4	134253.8	358786.3	710578
675.5099	21.76617	21.63133	21.8135	5	2	3	94596.78	665209.8	756101.3
226.1804	25.00125	24.9495	25.03533	8	3	5	220354.9	615655.1	941603.4
241.0498	27.18625	27.17617	27.24383	4	3	1	461970.3	2044592	3286478
461.9004	18.1645	18.153	18.18483	3	0	3	70478.58	376445.6	465892.8
373.2722	19.16675	19.12233	19.202	10	5	5	3584367	11684164	14086636
1748.539	9.497525	9.460417	9.537367	4	1	3	4397373	3279032	7073543
564.2958	35.00117	34.92267	35.01667	5	2	3	133806.1	606560.4	551808.8
365.2905	21.52233	21.39833	21.5665	7	3	4	235479.5	1279668	1697174
533.0363	22.78625	22.77183	22.79867	4	1	3	60853.71	69387.99	111731.5
317.2445	12.68802	12.6559	12.7294	5	2	3	53258.99	137949.7	167789
293.2478	33.635	33.6115	33.66833	5	1	4	244805.6	1471963	1530388
681.3547	10.86479	10.84945	10.88395	4	1	3	457157.7	488794.6	960002.6
347.6122	9.500283	9.474117	9.537367	5	2	3	3347448	6669550	7711013
508.9138	21.6935	21.5865	21.71283	7	2	5	290091.6	704843.9	975283.4
619.4805	16.54495	16.51863	16.58867	9	4	5	6363728	33999964	26591013
357.5377	9.47815	9.43065	9.537367	3	0	3	3505725	1679548	3297714
247.0961	23.79483	23.761	23.79717	5	2	3	78272.8	93939.95	91194.48
624.2757	30.26658	30.23533	30.36167	10	5	5	2345662	7641386	10780626
373.3144	28.23483	28.19167	28.2685	5	3	2	35434.07	108865.9	106458.7
392.3372	38.6465	38.5785	38.78	7	5	2	38842.23	246017.7	195947.8
342.1808	10.87912	10.80383	10.93685	7	2	5	1915451	2275522	3966367

443.2394	36.4395	36.4245	36.47133	3	0	3	34270.84	204152.5	125982.7
244.2276	24.48092	24.428	24.52033	8	3	5	137875.2	585306.2	591190.2
791.8984	10.67828	10.63273	10.77118	5	0	5	3465570	3621105	7362903
727.5652	9.490442	9.460417	9.537367	4	1	3	6649760	4707914	10109410
840.5701	29.75333	29.73817	29.77283	10	5	5	461270.9	4538898	652601.1
426.3132	44.42375	44.39583	44.51433	10	5	5	254811.5	999978.4	1505550
675.3407	9.500675	9.460417	9.545617	4	1	3	16813878	7596765	16355351
413.0098	13.71818	13.46225	13.76748	6	1	4	331821.2	1178945	2303025
230.1753	11.95501	11.9344	12.119	4	1	3	373172.2	1063282	684966
466.2287	12.42266	12.39998	12.49147	6	2	4	36298.95	107857.3	83430.33
366.1395	28.81542	28.7945	28.8925	4	3	1	419516.6	2114784	2943578
419.8153	32.798	32.78083	32.90917	7	5	2	141229.1	299463.9	253890.7
456.1681	20.65617	20.628	20.7015	5	2	3	199965.9	552780.9	468439.7
551.2681	22.31133	22.27467	22.37667	7	2	4	83418.67	261034.9	300414.3
267.1959	26.38392	26.346	26.43017	4	1	3	1248788	3785448	4805784
449.1734	26.654	26.65017	26.66483	5	2	3	39866.55	139121.9	154503
642.2473	29.1035	29.08283	29.163	4	3	1	96693.31	313433.5	301934.8
472.3582	8.892067	8.677417	8.96155	8	5	3	4313406	9438930	9608016
228.2323	32.342	32.327	32.364	7	3	4	278137.5	1249715	1391630
399.2032	29.72467	29.65167	29.74183	5	4	1	37519060	1209718	2199136
213.2409	27.926	27.89667	28.00783	7	3	4	61389.24	266549.2	138500
754.5234	29.82675	29.81067	29.834	10	5	5	155240.5	1474992	260211.2
581.2437	41.21517	41.193	41.25083	4	3	1	74081.79	366908.3	189830.9
341.2331	22.82567	22.81183	22.8565	3	0	3	189718.6	209312.9	75190.44
347.629	9.489217	9.473767	9.537367	4	1	3	32576156	30851223	50019488
791.3969	10.67222	10.66402	10.68362	4	1	3	3292430	3687477	7485380
310.1656	10.17194	10.03047	10.2073	6	2	3	223102.7	252144.6	321994
426.2909	39.729	39.67933	39.79133	5	3	2	28048.59	152824.1	110681.6
684.2595	9.500675	9.460417	9.545617	4	1	3	23132794	10534949	21718797
357.2316	37.00658	36.94767	37.04933	4	0	4	75494.94	309232.1	102976
328.1577	25.66767	25.63817	25.70383	7	2	5	129435	317637.4	466668.9
568.444	9.121875	8.988167	9.172217	8	5	3	311329.4	1089266	798281.7
314.184	15.64528	15.57568	15.70415	5	2	3	37682.15	79789.92	98274.99
514.4223	34.64367	34.63667	34.65967	7	3	4	554863.2	898983.9	442615
518.9066	30.99808	30.90417	31.083	4	1	3	218377.1	686559.8	426536.8
341.1182	9.526183	9.463983	9.545617	4	1	3	30909148	19243093	24656826
332.1118	9.500283	9.460417	9.545617	5	2	3	4841616	6531692	9655751
834.6164	34.786	34.76917	34.82217	5	2	3	444699.6	4179716	3847465
622.2604	29.12592	29.09717	29.22633	10	5	5	2572096	9766185	12476658
381.1733	35.042	35.02583	35.08833	3	0	3	41380.66	224267	99400.08
285.1028	13.65492	13.52028	13.76545	7	4	3	251362.3	1068986	959880.3
478.3534	16.18897	16.11055	16.22193	10	5	5	916881.4	2924825	3308754
361.6167	10.67574	10.63273	10.75237	8	3	5	207401.5	806046.7	825785.9
261.1102	12.96893	12.83283	13.1078	10	5	4	8100210	7492807	9141669
376.0048	9.497525	9.460417	9.537367	4	1	3	10234521	7823171	15417801
730.5323	37.28483	37.25233	37.3985	10	5	5	178880.2	977874.1	983434.6
372.9675	21.69433	21.67933	21.7275	5	2	3	91543.88	260832.8	356921.4

362.2981	30.65783	30.61667	30.70933	9	4	5	1717123	4088389	3610394
412.0051	22.12717	22.08717	22.16383	7	3	4	197282.2	966733.7	1031134
461.3744	29.62208	29.57683	29.70967	10	5	5	827395.8	3311619	3539504
656.089	23.876	23.83917	23.915	4	1	3	38153.74	42185.88	91899.79
468.2036	26.973	26.95617	27.01333	5	2	3	39098.64	179098.5	105973.7
606.4275	43.441	43.39683	43.4555	3	0	3	64147.76	329576.8	78908.67
695.7821	41.208	41.1485	41.25083	5	1	4	167615.3	63568.08	57569.13
428.0796	16.19133	16.17295	16.20503	5	1	4	127686.8	269650.8	484624.1
445.2214	10.84825	10.79637	11.07932	7	3	3	689726.1	1504693	1645497
245.1864	9.693142	9.602367	9.751083	6	3	3	2536385	3661662	2925500
464.0134	18.13217	18.089	18.18483	5	2	3	217135	619099.5	865229.9
577.3686	9.862483	9.817433	9.8904	5	2	3	406099.5	260919.7	345805.7
386.2177	31.235	31.00267	31.32617	7	2	4	83473.62	337381.2	374619.6
392.2282	43.62383	43.563	43.66167	6	1	5	340583.5	5722073	1560411
242.0689	15.85511	15.77802	15.88447	6	3	3	77110.87	243328.4	314156.6
261.0527	17.1625	17.03717	17.16383	5	2	3	53318.58	167260.9	131020.8
314.6409	30.26517	30.10267	30.34733	6	1	4	96992.59	230342.8	385808.4
628.1852	26.13392	26.11083	26.17883	8	4	4	348460.6	306044.4	223313.6
251.1281	24.69717	24.666	24.75017	9	4	5	1028537	5088054	5807151
225.0607	37.408	37.40167	37.41567	3	3	0	21800.6	166979	90944.76
269.1033	25.6825	25.64683	25.69883	7	2	5	513072.2	1266494	2293819
281.0455	22.0905	22.03667	22.1355	6	3	3	112362.9	430908.5	445071.1
438.3697	18.93842	18.90933	18.96767	10	5	5	594025	828482.9	659596.2
601.3717	11.29562	11.27393	11.30345	4	3	1	90058.77	282760.1	310964.7
349.2952	31.75125	31.69683	31.80133	10	5	5	506263.7	1434300	1713657
340.9078	9.527133	9.47815	9.598583	6	3	3	7347867	5217430	6674364
315.1095	9.8518	9.73415	9.91985	5	2	3	72453.74	130186.6	116704.9
372.7684	21.47717	21.35633	21.52367	9	5	4	1568012	3970086	4299229
299.1274	26.8765	26.85467	26.919	6	2	4	133982.7	434047.5	468284.2
347.2223	12.51305	12.49515	12.57518	8	4	4	440094.3	1915602	2173599
355.2238	9.687417	9.602367	9.7372	7	4	3	7930093	17216912	18318770
516.3756	11.1597	11.1221	11.18453	4	1	3	56611.81	92348.54	125947.8
504.9549	28.95267	28.9425	28.96567	4	1	3	44289.43	69176.25	130831.9
457.5746	9.209233	9.101033	9.280533	6	4	2	1063271	2208369	1647759
1049.729	9.500283	9.460417	9.5641	5	2	3	3634057	2689044	3141675
284.9905	23.00792	22.97417	23.01883	6	1	5	179106.3	462262.8	825661.1
276.7289	9.526183	9.474117	9.584433	8	5	3	58955140	1.99E+08	2.53E+08
314.2891	26.083	26.03483	26.11333	6	3	3	46520.84	150361.4	144538.6
470.3433	10.69263	10.63273	10.77118	5	1	4	635953.5	561426.1	792371.8
536.0678	22.44833	22.406	22.46783	5	2	3	43800.19	65132.23	89186.87
506.3608	33.2655	33.204	33.3615	5	3	2	105824.6	580249.6	714561.6
339.1534	14.78127	14.72912	14.90665	10	5	5	2680776	10321414	12918888
480.3038	9.186383	9.101033	9.2529	7	5	2	2.61E+08	2.09E+08	3.41E+08
653.4659	38.25808	38.20667	38.37433	6	2	4	44272.17	149933.4	137912
430.2229	23.18842	23.17983	23.19583	4	0	4	52004.34	100658.1	70432.41
355.2385	12.20061	12.18762	12.25337	6	2	4	59983.79	125897.5	139986.9
295.2102	26.31033	26.23883	26.38283	10	5	5	374874	1430979	1541946

200.1002	18.11917	18.02683	18.155	6	3	3	66972.44	370897.6	390695.3
389.1825	14.27528	14.2308	14.30768	7	3	4	195615.2	535422.1	972905.5
304.2638	34.63417	34.5945	34.6865	6	3	3	65933.03	367812.9	305871
639.7725	34.39625	34.37217	34.46733	6	2	4	76594.57	73176.7	97915.1
327.15	25.689	25.63817	25.7215	9	5	4	291659.6	946765.3	1320370
594.3548	32.715	32.64817	32.71567	3	3	0	150651.9	418757.8	736239.4
246.1031	28.22058	28.20033	28.235	6	2	4	24545.3	123093.9	86410.93
586.3576	42.69367	42.67967	42.75683	5	2	3	38979.5	96818.03	63910.2
442.5631	35.16167	35.147	35.21983	9	4	5	46077.29	155479.4	132477.2
511.2364	20.43833	20.4255	20.464	5	2	3	264880.9	576990.2	895209.2
465.1743	20.62283	20.58967	20.63733	4	4	0	52876.53	151150.6	91074.56
337.7054	17.2215	17.18383	17.25317	7	2	5	368178.6	698553.7	1016766
598.3519	31.64117	31.61217	31.65933	5	3	2	131496.9	363678.9	439892.2
452.2082	28.6525	28.6415	28.6675	3	0	3	122819.8	615059.7	218385.5
687.5099	37.42058	37.38983	37.5325	8	4	4	84445.43	412179	444352.5
502.1168	13.338	13.3133	13.38837	4	1	3	1078788	2479403	5445154
425.8364	44.80183	44.76767	44.86	8	4	4	52843.05	341554.3	75873.21
659.5056	9.463983	9.459367	9.537367	5	2	3	91729304	63001096	1.12E+08
680.4975	10.45783	10.36523	10.51178	8	4	4	7800815	12238510	11012667
759.3785	43.60925	43.54283	43.67883	6	3	3	44875.24	139632.4	59049.39
499.3424	39.99442	39.95467	40.0335	8	3	5	102199	233078.9	87941.47
511.9115	9.136833	9.037133	9.231383	5	3	2	2005413	1516825	1528326
196.1051	21.444	21.31517	21.473	9	4	5	179858	568685.5	561647.7
513.3454	26.87383	26.8395	26.89133	4	3	1	32300.82	90646.31	70816.16
409.0023	21.79333	21.76967	21.80067	3	0	3	147561.7	322531.7	452245.3
496.3847	35.76225	35.73217	35.80017	10	5	5	835671.3	3982648	4386147
261.0788	21.708	21.57183	21.7275	7	2	5	231895.4	789809.3	908366.3
327.1149	21.70367	21.67933	21.728	5	5	0	393474.3	953672.6	563787.3
365.2244	10.67574	10.63755	10.77118	8	4	4	2867880	11572538	10239181
671.2258	29.21267	29.199	29.29983	5	1	4	173497.4	330987.5	496632.4
466.3741	38.02233	37.96317	38.08317	5	2	3	48400.94	202149.6	174950.1
484.1293	41.70842	41.64283	41.7295	10	5	5	371808.8	4177264	527910.6
463.0356	21.13833	21.11167	21.15517	5	2	3	157175.5	323882	481100
553.7253	42.37883	42.35783	42.44883	9	4	5	84935.84	734227.3	76860.75
660.4967	28.23483	28.08833	28.29917	7	3	4	110864.6	277275	156139.1
498.3642	29.37375	29.358	29.38833	6	2	4	1489778	427819.9	415711.8
547.2998	29.18117	29.14083	29.215	6	5	1	187322	563589.6	615216.4
306.1969	17.93017	17.911	17.942	3	0	3	251018.1	293744.8	197469.2
401.0637	22.979	22.943	23.01883	10	5	5	933500.8	2957031	4287531
383.1765	22.1075	22.005	22.12217	7	2	5	369098.8	850985.6	922398.3
227.0983	10.40873	10.36523	10.5262	8	2	5	3085512	3430835	6831549
295.1	24.8905	24.88817	24.89633	3	0	3	27227.96	72884.32	41662.9
425.2448	20.469	20.43733	20.62317	7	3	4	77375.45	144503.1	113607
393.2646	25.71367	25.66133	25.726	3	0	3	77939.52	183344.6	152373.9
648.8669	22.9745	22.9375	23.0335	5	1	4	74298.51	92915.11	165257.4
638.458	43.33933	43.24817	43.36683	7	3	4	28592.51	99844.57	43940.26
585.3544	42.70692	42.66483	42.74367	10	5	5	119729.5	352778.8	337485.8

495.3523	17.282	17.26633	17.31133	6	2	4	75696.15	98007.38	136177.7
376.8306	9.514858	9.460417	9.545617	4	1	3	5409509	4683430	8748381
324.1457	28.95583	28.9125	28.96567	4	1	3	51090.44	105750.1	162070.6
501.0907	38.15017	38.1125	38.20067	5	1	4	57657.15	114228	235902.2
567.0451	30.777	30.5025	30.86417	5	1	4	110733.1	179090.2	393755.2
504.0623	21.1345	21.11167	21.15517	6	2	4	155113	353865.6	532728.4
345.1776	10.86437	10.80383	10.95503	6	3	3	362152.2	449530.9	545844.2
404.1471	10.40732	10.34715	10.45412	9	5	4	252745.3	632483	837237.5
205.0862	30.84833	30.73283	30.90333	10	5	5	6775726	44127692	34506586
362.983	21.69708	21.57183	21.71283	8	3	5	862439.1	2740735	3786556
793.5728	28.77533	28.7595	28.78033	7	3	4	124223.1	387658.2	475876.8
507.9058	21.67283	21.57183	21.7275	6	2	4	80475.39	239544.7	368987
405.0299	21.6935	21.54233	21.7275	7	2	5	296048.4	790876.3	1087786
391.0575	18.9385	18.90983	18.967	9	4	5	201930	1040473	1084018
252.2438	13.13119	13.09513	13.21922	10	5	5	5244764	26954990	30255311
654.9697	9.4622	9.43065	9.537367	4	1	3	2712737	2376079	4026050
203.7903	9.515	9.474117	9.545617	5	2	3	7278672	7913896	9405281
479.0093	26.96717	26.9415	27.01333	5	1	4	46990.51	67049.11	99684.77
403.1213	15.64528	15.55007	15.6926	9	4	5	185804.8	481868.6	912003
546.343	42.62292	42.57867	42.6445	10	5	5	122560.1	604707.7	401330.6
458.0569	20.43833	20.4115	20.56367	7	2	5	1074632	2634558	4101293
574.9559	22.99133	22.97417	23.01883	7	2	5	512828.3	1085368	1981167
313.1219	22.09458	21.9715	22.15067	4	1	3	348613.5	1391475	1318107
950.5984	43.62483	43.54783	43.649	8	4	4	61025.71	288499.6	77325.01
466.3172	15.80095	15.72362	15.90278	9	5	4	107243.7	403307.1	354780.7
345.9801	21.69633	21.67117	21.74217	5	1	4	80758.58	214605.9	296715.8
363.205	10.70644	10.62313	10.74668	6	3	3	99791560	60551523	1.08E+08
657.5939	9.482133	9.444983	9.537367	4	1	3	41516608	36117649	61458931
348.1467	9.5169	9.47815	9.626317	5	2	3	13200376	10271779	15355015
233.1111	11.70632	11.65528	11.93567	9	4	5	1319523	7040266	9242161
333.4692	9.515	9.474117	9.545617	5	2	3	12462712	13101276	20988882
348.7219	9.489217	9.349817	9.537367	6	3	3	5006343	7190404	11558100
469.0723	28.95767	28.88383	28.98033	5	1	4	147792.9	272643.5	516913.8
394.9554	11.06755	10.83542	11.13185	6	1	5	1751799	2927814	6126226
366.1819	9.5558	9.446567	9.845267	7	2	4	11553229	2427586	982077.9
533.9668	25.69067	25.64833	25.70383	6	1	5	64986.23	134082.3	285381.9
441.3119	11.50424	11.50023	11.5393	4	1	3	114719.2	168079.7	214876.2
313.2207	11.49257	11.48197	11.73068	5	2	3	71345.09	292670.3	237244.4
366.7236	9.55145	9.5025	9.584433	6	3	3	42365004	77434320	1.12E+08
698.9902	9.533475	9.444983	9.584433	8	5	3	14951906	31149205	39442356
648.1246	10.41003	10.37933	10.44485	4	1	3	760956.1	685500.7	1481145
485.2675	23.28158	23.25833	23.32917	6	2	4	101748.6	234815.4	331503.4
580.4235	9.85235	9.822817	9.876417	5	2	3	310350	303614.3	341615.2
218.6624	9.55215	9.500283	9.633383	3	3	0	754194.6	518222.5	445191
596.412	10.88867	10.84842	10.90023	6	2	4	248691	204487	330285.5
606.9616	22.76242	22.74667	22.78383	4	1	3	45533.17	66498.64	108463
300.1263	26.17467	26.15183	26.18083	6	2	4	89237.83	178205.3	267328.7

401.7526	12.39613	12.36512	12.44293	4	1	3	70403.52	158495.5	222381.8
325.0222	17.13392	17.0515	17.2145	6	2	4	201806.9	661532.5	464124.9
904.373	10.67897	10.64782	10.77118	5	0	5	1768852	2353748	4505651
376.2603	19.74308	19.71067	19.8	10	5	5	692019.3	2583932	3349241
216.1751	11.02708	10.97798	11.1665	7	2	5	260088.4	847738.6	976399.5
720.512	34.32017	34.26183	34.32917	4	1	3	145295.9	131911	147419.4
373.2722	18.682	18.61117	18.7065	7	4	3	1591264	4406781	5730702
495.1806	23.783	23.76533	23.82633	4	1	3	37198.94	61564.89	80386.99
517.3713	34.63667	34.6005	34.658	5	2	3	104058.9	129448.2	147921.2
623.2636	29.12633	29.09717	29.22633	9	4	5	739773.8	2750943	3552903
485.0683	13.02208	12.91827	13.12275	7	2	4	263528.8	353602.4	755733
356.1135	18.91	18.8935	18.9245	5	3	2	41176.87	108304.6	117366.6
498.3918	35.81233	35.748	35.87433	5	2	3	27200.31	48767.6	32251.12
601.2788	30.862	30.8175	30.9455	8	3	5	266214.4	731140.5	1065195
924.6482	28.73167	28.6585	28.74767	5	2	3	39131.39	47984.34	66440.98
408.2945	9.806167	9.7192	9.862433	7	5	2	215021.9	324198.6	445516.3
522.3261	32.10258	31.96183	32.2365	4	1	3	511736.4	1625775	1257117
903.3697	10.67897	10.67828	10.77118	3	0	3	3986139	5463483	10566244
705.58	32.16225	32.11683	32.23267	6	3	3	130712.7	186132.8	155834.6
308.28	35.3085	35.21983	35.39833	5	2	3	19503.27	37096.43	47545.01
1971.141	9.515	9.463983	9.5571	5	2	3	28737290	24773726	39893021
434.2748	44.04983	43.89533	44.14967	4	3	1	47363.38	511158.7	126876
395.3182	17.59608	17.5895	17.6205	10	5	5	808286.2	3277539	3167788
301.2934	36.218	36.19983	36.34183	7	4	3	67241.48	341588.8	216682.7
376.1091	9.531333	9.49235	9.537367	3	0	3	2355145	2385100	4880477
576.7771	32.1265	32.0855	32.17667	4	1	3	432163.9	510574.5	1036971
345.3111	23.48733	23.473	23.5315	4	3	1	45528.07	188631.9	205268.5
439.3731	18.9245	18.89467	18.95317	5	3	2	127647.8	136752.8	107069.4
341.3248	38.08417	38.0535	38.25133	9	4	5	89315.22	466489.3	270797.6
342.4671	9.519	9.460417	9.537367	4	1	3	1826378	1176862	2349109
166.986	22.79675	22.77517	22.84267	6	2	4	80482.84	679570.6	519832.5
465.0336	11.07286	10.93657	11.12732	4	1	3	884197.3	840236.1	1826088
333.2071	9.25415	9.168467	9.31395	6	3	3	2045830	1779672	1833346
798.5499	29.79317	29.76983	29.81883	10	5	5	110239.6	944058.6	165012.1
186.1854	21.25233	21.1695	21.32917	7	3	4	97657.49	376885.5	457106.9
333.8136	9.503675	9.473767	9.537367	4	1	3	3107043	4670424	6377311
628.4378	10.85045	10.81753	10.93685	9	4	5	58662696	1.13E+08	1.57E+08
424.3064	13.37198	13.3346	13.45013	9	5	4	86146.55	238488.3	205351.5
452.3586	36.10167	36.09517	36.12783	9	4	5	352725.3	1719781	1850309
588.4332	23.30983	23.2975	23.344	6	2	4	199764.6	204872.2	243543.8
308.259	13.38471	13.34987	13.4342	10	5	5	2041384	9842120	11833221
269.0798	13.711	13.5054	13.76397	7	2	4	292681.7	1220810	1749993
504.874	44.17233	44.14433	44.21417	10	5	5	513290.5	6431171	1050859
569.4609	40.67733	40.64033	40.8995	10	5	5	318475.1	2220095	1294103
477.3694	20.78867	20.75867	20.83167	7	4	3	66818.55	143683.5	129375.1
344.1315	24.32058	24.28833	24.34483	6	2	4	38504.91	73930.86	99178.18
387.007	21.6935	21.54233	21.7275	7	2	5	647697	2021258	2815045

395.5852	18.93867	18.90983	18.967	10	5	5	200875.6	1023264	1065160
546.1801	14.34685	14.3453	14.46363	5	1	3	53049.73	82095.48	163197.9
298.7094	10.86479	10.78073	10.89825	6	2	4	351220.7	350058.6	466782.9
484.8023	9.218233	9.101033	9.280533	6	4	2	4600449	4753025	7639170
235.1067	14.78242	14.74247	14.80298	4	1	3	32635.52	86399.83	99293.46
603.4113	29.92525	29.90167	29.93833	10	5	5	144547.2	1293599	153343.4
555.4301	37.82775	37.79533	37.886	6	3	3	49849.48	168575.4	189800.9
303.1485	21.70175	21.557	21.7275	10	5	5	203048.9	1305123	895612.6
379.1295	11.9015	11.8806	12.0492	9	4	5	210646.4	502224.3	704367.3
394.315	17.6005	17.5895	17.63133	10	5	5	6811685	36062767	32988945
476.3599	28.33667	28.283	28.35633	5	2	3	43718.91	93639.6	86157.37
286.2019	18.87883	18.86433	18.98183	3	0	3	89722.29	437449	397721.6
754.4823	9.65795	9.541233	9.70935	5	2	3	1170516	1230780	1597292
408.2099	19.61483	19.56817	19.67717	3	0	3	266396.2	711743.2	264772.6
500.1544	18.26325	18.2285	18.311	8	4	4	114750.8	268318.8	296423.2
559.0235	18.10567	18.089	18.16983	5	2	3	135185.7	294996	465564.4
226.0528	13.711	13.44777	13.76748	13	5	5	2532958	10162459	16831279
229.0962	10.40768	10.34782	10.44835	8	3	5	5878593	10480069	15763885
1737.45	9.541492	9.534967	9.6125	4	1	3	2590873	2859824	6161415
331.2311	23.78292	23.73983	23.8565	8	4	4	192063.2	484486.1	651309.4
345.1728	28.43317	28.42433	28.46717	5	1	4	111118.1	329095.9	208344.5
262.1197	26.23875	26.22817	26.28967	4	1	3	45660.72	78645.38	98436.83
1748.729	9.483058	9.460417	9.537367	4	1	3	4052328	4894654	10338355
472.9648	32.14108	32.07267	32.1585	6	1	5	79847.52	162624.1	359167.9
224.6209	18.9385	18.9085	18.967	5	1	4	103276.4	222549.8	304556.3
482.8029	9.218233	9.14945	9.387317	6	3	3	4906257	4046000	7492528
570.4661	40.68508	40.6315	40.79783	8	4	4	51253.47	260404.7	202280.9
396.9979	21.711	21.69333	21.7285	5	3	2	82547.44	368076.6	437007.9
648.9763	15.63703	15.61625	15.68465	4	1	3	44576.54	74367.09	154671.7
317.2119	14.8621	14.81905	15.01392	5	4	1	95646.45	458608.5	481329.4
428.2245	10.4086	10.34782	10.44485	8	3	5	23686772	36312752	61032551
703.1185	18.09467	18.047	18.16983	6	2	4	99873.94	166925.8	229367.8
182.1542	10.41965	10.37933	10.45412	7	3	4	3179416	12641437	12029935
158.1541	14.65399	14.51855	14.81483	8	3	5	176172.6	1545664	928748.5
417.0302	21.13833	21.05833	21.15517	7	2	5	959155.2	2427281	3681413
710.1383	28.36908	28.3175	28.46717	6	4	2	85476.97	184523.4	262838.8
398.827	7.179683	7.09035	7.235117	4	1	3	992167.1	318003.7	424959.4
625.2791	30.26283	30.23533	30.34733	9	4	5	723018.4	2221712	3208196
341.1494	14.77322	14.69997	14.80373	7	2	5	94613.98	242345.4	338163.2
369.6084	9.47815	9.416233	9.537367	3	0	3	2785678	1370088	2723778
393.3117	17.59608	17.57483	17.63133	10	5	5	26635426	1.46E+08	1.33E+08
424.2877	9.875217	9.763	9.904433	6	3	3	229413.4	236264.5	400742.6
419.0456	21.69667	21.557	21.7275	8	3	5	2268065	7039376	9691496
452.7406	9.239033	9.08515	9.290367	3	3	0	1190565	1290524	827980
266.1047	25.67992	25.6535	25.69883	8	3	5	243964	491853.9	974252.5
651.8648	23.006	22.9745	23.048	5	1	4	106181.3	141716.8	268680.5
722.1919	29.14033	29.05367	29.2115	7	2	5	93577.1	195882.7	365058.8

333.9552	9.518825	9.49235	9.545617	4	1	3	4770708	4115777	5517205
647.4425	21.52967	21.45517	21.53517	5	3	2	50236.03	67284.83	75392.91
347.3216	20.715	20.7015	20.75867	3	0	3	126494	135204.9	172081.2
554.2301	18.38758	18.352	18.42417	8	4	4	76060.76	210493.4	241797.9
546.0088	26.875	26.849	26.9065	4	3	1	23022.53	46697.5	51711.87
373.7739	19.16675	19.12233	19.199	10	5	5	1638144	5377561	6619931
313.2501	10.71058	10.63273	10.75237	8	3	5	362416.7	753832.2	916037.2
215.1645	21.48708	21.35633	21.5225	6	2	4	268651.2	1673265	773423.2
389.3203	9.013883	8.8523	9.0728	5	4	1	378186.1	732555.4	596670.5
620.265	29.14083	29.09717	29.24117	7	2	5	220407.1	776694.6	850452.6
669.4859	43.18125	43.15933	43.24567	6	4	2	52469.18	433686.8	179746.7
331.1883	25.5945	25.54667	25.627	5	3	2	192442.5	430851.3	815123.2
277.2305	9.532875	9.423983	9.596683	8	5	3	21082480	60281922	78803306
305.2518	33.46175	33.40883	33.5045	10	5	5	369939.3	1703054	1721714
479.3571	16.1777	16.0967	16.22193	10	5	5	225371.6	732045.4	820502.5
669.1634	26.23183	26.21717	26.30383	6	2	4	85851.16	196672.3	264127.7
674.5065	21.77517	21.66133	21.83617	8	3	5	283695.6	2165652	2381959
228.1597	10.42227	10.37933	10.45412	7	3	4	3736589	15445339	14468833
394.1787	25.84833	25.80217	25.88133	8	4	4	279330.9	906049.3	1100665
209.154	22.3295	22.22933	22.349	10	5	5	657553	3573477	3395975
529.3165	42.61967	42.59017	42.63867	9	4	5	93649.21	309205.2	179439.6
400.0632	15.37968	15.33533	15.3949	5	2	3	54762.93	159730.6	211063.5
369.2925	9.476383	9.401867	9.537367	4	1	3	5410326	3337055	4681210
615.9434	43.44733	43.41733	43.49983	7	5	2	122942.6	1102630	249599.7
596.4257	33.46175	33.43633	33.52067	6	2	4	76964.37	241577.3	211363.7
309.2177	10.43465	10.36523	10.4545	4	1	3	532162.8	1536950	1357639
413.1264	23.85575	23.8245	23.87067	4	1	3	47750.1	70693.64	138613.9
267.2514	17.59258	17.58967	17.60433	4	3	1	141587.1	557598.2	535498.3
377.349	9.537367	9.49235	9.545617	3	0	3	3067076	3888262	7924859
371.1309	29.75783	29.75333	29.78317	4	0	4	321544.1	942812.4	1705293
334.1724	10.01852	9.9637	10.05848	6	3	3	3733154	5240886	9115588
246.0553	21.6935	21.57183	21.7275	7	2	5	216972	636970.5	748525.3
587.297	29.15542	29.11083	29.21933	4	3	1	254913.7	443010.9	691251.3
384.3228	11.77673	11.7146	11.94995	6	2	4	47980.32	112490.7	155576.5
668.4977	11.08221	11.06503	11.20103	4	1	3	165232.9	170155.1	264128.7
441.1851	33.30317	33.279	33.30867	5	2	3	40526.05	209080.1	119303.6
857.364	10.65585	10.62083	10.69392	4	1	3	3248772	4435239	8407989
204.0319	29.19125	29.16967	29.26133	4	1	3	74214.27	152023	302974
530.9341	19.55517	19.51717	19.599	5	1	4	95168.46	212207	419056.1
240.2326	20.15075	20.088	20.3295	8	3	5	90795.16	298538.6	247662.5
301.1594	24.20217	24.16583	24.25417	6	2	4	64416.88	291973.1	239746.8
285.0664	15.86298	15.83023	15.89117	6	1	5	152656.7	505598.4	556512.9
586.2369	31.00142	30.93717	31.07383	8	3	5	628236.2	884122.9	695461.1
420.7308	10.41965	10.36523	10.45412	9	4	5	978369.3	2967695	3977200
636.9531	43.31525	43.29333	43.36633	10	5	5	351344.6	4026728	919821.2
328.9159	21.62892	21.32033	21.9075	6	2	3	1329745	14080817	21814380
860.5738	21.25683	21.15667	21.27833	6	1	5	88626.13	189524.1	297113.6

394.5379	23.39883	23.3875	23.463	4	0	4	68383.15	103914.3	152207.9
568.4576	40.67733	40.64033	40.91433	10	5	5	949149.6	7106186	4022503
683.2262	29.19475	29.18433	29.2705	4	1	3	90445.37	168034	295136.2
408.0092	22.12875	22.03667	22.15067	10	5	5	479258.1	2870831	3156179
429.2603	10.11792	10.08285	10.1405	4	1	3	254823.3	213536.1	165519.3
499.3054	9.2349	9.17955	9.446567	5	3	2	1218905	965783.4	1167208
390.978	21.6935	21.57183	21.714	7	2	5	1521565	5313758	7243622
337.2036	17.2135	17.17867	17.25317	8	3	5	953720.5	2353414	3423778
249.2066	14.5167	14.45605	14.67673	10	5	5	1204521	7503992	9298287
216.1598	10.09563	10.00593	10.2073	6	3	2	320146.6	926011.7	851260.1
573.9527	22.99258	22.943	23.01883	8	3	5	1860763	5088462	9503981
344.9727	18.13833	18.03083	18.1585	7	3	4	1342393	6507854	9775736
410.006	22.12492	22.03667	22.1365	10	5	5	260824.4	1322933	1484275
373.2701	21.47633	21.3425	21.53933	9	5	4	662122.8	1821111	2137138
922.6335	21.2905	21.20817	21.317	5	2	3	93076.01	268920.5	351226.5
500.9006	10.71478	10.63273	10.77118	4	1	3	158290.3	302455.9	594505.3
510.3558	32.48717	32.4095	32.60467	8	5	3	430323.9	2994514	2441589
635.2009	18.101	18.0455	18.13517	4	1	3	55659.32	67647.28	97624.07
613.2551	30.95083	30.928	31.0515	7	5	2	93938.32	603955.6	358016.9
338.2331	33.53808	33.49617	33.5675	4	0	4	98255.47	241771.6	123543.7
376.1246	13.0223	12.99103	13.06513	5	1	4	819255.3	969907.2	1566962
246.0216	12.67053	12.5098	12.84028	10	4	5	1091989	4068486	6834424
1740.301	9.5169	9.49235	9.537367	3	0	3	2141402	2129679	4469177
389.1289	28.644	28.59783	28.6585	5	2	3	104454.1	233030.6	198655.6
407.291	18.95317	18.90983	18.967	8	3	5	146630.9	631235.6	832349.7
273.1895	16.68525	16.64683	16.74017	10	5	5	481862.6	2910422	3045980
332.4544	9.500283	9.460417	9.545617	5	2	3	15321826	14598691	23769561
269.1906	14.52393	14.24182	14.66112	16	5	5	436825.8	1922500	2294760
371.1836	21.04283	20.9775	21.0525	7	4	3	187448.6	278308.3	230937.6
379.1313	18.26283	18.24317	18.563	5	2	3	44868.47	66307.98	83233.6
189.0213	11.04059	10.85075	11.14915	8	3	5	561688.2	1777164	3447904
301.274	34.658	34.594	34.704	5	1	4	112718.1	269926.8	327560.7
387.0191	28.96167	28.92233	28.97633	4	1	3	47949.09	78415.74	170804.5
538.6776	26.86775	26.849	26.89133	4	3	1	18922.81	43710.96	46856.1
376.3003	27.8535	27.76383	27.9155	7	3	4	310077.9	1757509	1965428
658.372	9.251833	9.192183	9.44975	5	2	3	1774079	927450.2	1414570
413.31	31.43025	31.34333	31.48083	6	3	3	80290.25	171702.3	115457.8
880.6227	28.7495	28.73167	28.7775	5	2	3	70381.2	167143.4	216398.5
383.1409	36.1875	36.134	36.218	5	2	3	199529.2	1229704	1954234
567.2263	26.23908	26.1715	26.2675	4	3	1	67336.6	125119.2	174081.9
499.0508	20.657	20.6415	20.687	5	2	3	120667.3	273918.2	410475.3
482.3013	9.225483	9.08515	9.363733	6	2	4	10300113	8343883	13103757
685.3499	22.62817	22.4645	22.64733	4	1	3	110442	357931.6	497874.6
453.3264	27.92467	27.83733	27.95633	5	2	3	1332496	1528642	1744948
289.2571	23.93742	23.83983	23.98317	8	4	4	122266.6	202444.7	218811.3
332.9225	9.515808	9.47815	9.537367	4	1	3	6853559	7514153	11844215
770.5621	12.38565	12.33628	12.41443	5	2	3	55441.79	99075.15	107245.3

581.2165	28.39517	28.37133	28.46317	5	2	3	68638.66	143492.7	178075.6
557.2653	9.2114	9.173983	9.280533	6	4	2	1347993	1423991	1467479
534.9657	20.43792	20.4255	20.49367	6	2	4	144547.3	329204	549212.8
219.9487	9.529058	9.502483	9.5571	4	1	3	2893962	3412450	7197814
246.651	9.238783	9.08515	9.2529	7	4	3	1748283	6115477	5073057
242.2119	20.56133	20.52883	20.68767	7	5	2	184395.9	626990.5	657296.8
389.1997	10.97798	10.85045	11.06623	5	1	3	542703	572625.1	1116472
612.2525	32.10467	32.08817	32.2235	6	3	3	423719.3	1029258	823739.3
511.3232	19.99217	19.96167	20.14067	5	3	2	51635.86	152374.3	154205.4
272.2952	28.25142	28.2135	28.2795	10	5	5	447487.8	1362733	605128.5
1142.565	10.66473	10.64867	10.6797	5	2	3	2254435	3187351	6079189
375.3013	17.60433	17.5895	17.63133	10	5	5	880620.7	4142700	4063411
647.1209	10.3978	10.37933	10.41848	5	1	4	2773430	3141319	6393794
790.554	34.20133	34.14267	34.24883	9	4	5	329226.6	2998166	3628753
411.3226	17.0625	17.02633	17.09267	4	3	1	51559.35	143759.2	138552.5
211.1097	26.5595	26.50167	26.61917	6	2	4	201711.1	869037.9	728766.7
562.6909	10.19122	10.07575	10.20198	4	1	3	213009.4	89620.02	145265.9
453.2614	9.2265	9.0532	9.279383	4	3	1	2.39E+09	1.89E+09	2.59E+09
416.0307	25.68617	25.63383	25.70833	7	2	5	234663.7	580443.8	1105383
541.4528	9.741367	9.704283	9.7788	7	4	3	1400749	1541660	2451707
548.301	40.16725	39.89267	40.23667	10	4	3	264256.8	1866733	2461896
627.4346	10.85045	10.81753	10.95503	9	4	5	1.6E+08	3.13E+08	4.29E+08
858.1178	30.97867	30.95083	31.10817	5	1	4	73777.87	129143.2	281252.2
247.0252	12.73136	12.4807	12.84028	6	2	3	81927.96	217861.9	376566.3
403.0021	18.12825	18.0175	18.17383	10	5	5	235572.8	1305413	1352559
858.3671	10.67222	10.60262	10.712	4	1	3	1464619	1968363	4010706
767.4621	41.2005	41.16333	41.25083	8	4	4	52085.18	228420.9	184788.2
431.0217	18.13833	18.0455	18.189	7	2	5	85760.09	341031.6	457575.1
697.5243	9.226017	9.116917	9.416233	9	5	3	87547840	38588643	33404847
451.3145	29.73275	29.696	29.75333	10	5	5	126005.7	1189085	366991.8
376.4174	9.507758	9.460417	9.545617	4	1	3	11498689	8826523	17360562
744.4552	23.87467	23.824	23.90083	6	3	3	44457.73	110078.6	161754.7
360.1811	29.37383	29.26133	29.4255	9	4	5	1129047	5171387	4663867
343.308	9.537367	9.47815	9.572217	7	4	3	16159346	52373750	57216241
631.8036	9.526042	9.460417	9.537367	4	1	3	5909978	6118593	12355759
389.2559	9.6753	9.459367	9.751083	9	4	4	7761280	6814477	4659604
768.2296	41.20783	41.178	41.25083	5	3	2	68474.52	80456.85	99370.9
611.2929	10.66438	10.599	10.69782	6	2	4	4327006	4406934	9326918
356.993	22.13033	22.10867	22.14983	5	1	4	124577.8	379242.9	597431.1
380.2097	44.32617	44.30717	44.34617	7	3	4	131583.3	1684291	1402895
671.7276	29.23042	29.21333	29.2705	4	1	3	109374.5	171689.4	349889.5
485.3264	42.68233	42.636	42.72583	7	3	4	87356.93	305804.3	152631.1
792.5697	28.77483	28.72767	28.78033	9	4	5	278848.8	1043925	1236854
257.2476	34.67583	34.65083	34.71883	4	1	3	171026.4	582304.9	501224.1
485.3937	17.46525	17.4525	17.501	6	3	3	60194.06	136593.2	154106.8
528.2731	28.11742	28.05717	28.19083	10	5	5	301575.3	1108170	1237671
573.3652	30.27317	30.23533	30.352	9	5	4	106564.7	459934.8	430172.1

239.0719	18.128	18.0555	18.1585	8	3	5	139967.7	1137328	529384
744.5304	21.48483	21.35633	21.52367	9	5	4	473757.7	1618015	1586775
417.03	20.43633	20.4115	20.45217	4	1	3	306133.9	662463.6	1069748
297.2401	34.691	34.67217	34.72917	8	5	3	493192.1	1539901	2607130
1116.607	10.67828	10.64782	10.712	5	1	4	1613474	1553634	3084307
606.2625	21.34592	21.288	21.41983	4	0	3	24957.28	39344.21	23449.2
790.5914	25.773	25.72083	25.8205	9	4	5	283633	2355563	2809802
199.1696	21.13642	21.05833	21.16083	8	4	4	859119.3	5123945	3079721
460.2697	23.17633	23.09983	23.21	10	5	5	814948.9	4463011	3050836
706.3294	26.74958	26.70683	26.79683	8	3	5	65136.8	220739.3	228604.8
298.1889	15.79183	15.76323	15.80702	4	1	3	32262.43	81803.28	90673.79
158.9737	2.08755	2.0466	2.167917	9	5	4	276249.8	881641	195796.6
369.2187	9.55075	9.4881	9.584433	9	5	4	60167972	1.24E+08	2.11E+08
505.3756	44.17192	44.1365	44.19833	10	5	5	295380.3	3204819	809044.5
319.1135	30.82083	30.48633	30.86767	7	3	3	76409.9	309345.7	303362.1
876.3795	32.127	32.11483	32.16417	6	1	5	353751.2	689496.3	1403291
404.2732	10.41377	10.36523	10.45082	6	2	4	1107960	3272426	4073162
377.1167	20.4375	20.4235	20.55133	7	2	5	1224428	4619307	6956640
764.1781	31.017	30.9645	31.06583	5	1	4	88976.74	155400.8	282836.8
480.1465	10.7321	10.6408	10.77882	5	2	3	149246.6	276283.4	156398.6
823.6059	31.41483	31.38667	31.46433	10	5	5	384020.7	1807077	917937.3
367.2206	9.55075	9.4881	9.584433	9	5	4	1.03E+09	2.42E+09	4.05E+09
255.1596	18.82283	18.80433	18.87783	6	3	3	2549356	5489460	8450406
453.896	9.4622	9.321717	9.537367	6	2	3	27126134	15689369	31423331
549.9038	43.87892	43.85333	43.91483	10	5	5	138272.4	1288627	253685.8
763.4685	9.563383	9.432667	9.626317	7	4	2	2166288	4569548	2391513
553.2695	9.186383	9.101033	9.2866	9	5	4	67945264	75871409	1.04E+08
340.1567	14.78127	14.72912	14.89145	10	5	5	549257.8	1747774	2398463
589.2507	10.75237	10.63528	10.7931	5	1	3	293347.6	252673.7	442249.6
376.3047	17.60433	17.5955	17.6205	4	1	3	197143	784219.5	758602.5
555.3549	9.7758	9.748017	9.834667	5	3	2	496243.1	309398	510001.4
417.0502	21.67933	21.557	21.7275	7	2	5	233489.2	599856.1	815646
443.3278	12.39328	12.35693	12.42927	6	2	4	46763.94	82415.33	126367.8
388.1296	26.63917	26.612	26.65017	5	2	3	33473.17	46037.21	52662.47
219.7644	9.511617	9.460417	9.537367	4	1	3	3453597	4624197	9927698
187.112	26.654	26.62717	26.67933	5	2	3	69680.98	325146.2	152968.6
210.2049	10.0792	9.934217	10.18403	9	5	3	873443.1	1794592	2447438
295.1108	18.77675	18.73683	18.83383	6	3	3	208753.3	811428.7	947942.9
223.0967	30.48567	30.36167	30.50117	7	3	4	1002519	4640124	5346669
462.1809	20.64767	20.58967	20.66767	3	3	0	31481.37	146312.3	74252.94
508.2669	9.199533	9.101033	9.2529	7	5	2	4754834	7163912	10747570
568.3906	32.5055	32.36383	32.52517	6	3	3	415965.5	997506.8	1759488
703.553	9.482133	9.444983	9.537367	4	1	3	52450568	46149081	76625276
332.8723	9.232742	9.1639	9.31395	6	4	2	3568840	3116778	3273215
364.2215	10.66553	10.63755	10.77118	9	4	5	29258146	1.31E+08	1.37E+08
449.0359	22.12267	22.05267	22.15117	9	5	4	226528.2	1212892	1321617
713.4823	35.33133	35.2805	35.339	4	1	3	58518.79	135397.6	162416

324.2174	30.48583	30.36167	30.51617	5	4	1	316991.8	2423624	2005414
438.3429	32.32075	32.2815	32.3405	10	5	5	398250.3	1622195	1746081
309.1861	10.66473	10.58428	10.75237	9	4	5	311392.4	1232926	1541211
649.2709	34.39883	34.379	34.408	5	2	3	81705.93	97653.5	100858.9
336.0902	20.464	20.4255	20.55133	7	2	5	765391	2547912	3893847
758.5639	42.50633	42.46683	42.53083	5	2	3	28544.2	130425.3	84938.83
300.2046	25.90167	25.85367	25.92017	7	4	3	219685.5	513443.9	642395.6
349.2745	9.068567	8.9037	9.10085	3	3	0	2490855	1931409	1317596
363.218	10.66787	10.63755	10.77118	9	4	5	1.26E+08	5.72E+08	6.02E+08
195.1019	21.45217	21.31517	21.47633	10	5	5	1629969	8071316	7932810
458.0567	21.12917	21.09667	21.1485	6	2	4	548986.7	1523998	2209654
253.2471	13.13351	13.09513	13.21922	10	5	5	891510.8	3881910	4509659
186.9562	2.120333	2.062117	2.23355	5	3	2	143440.5	395920.3	376475.9
227.0958	14.90458	14.87452	14.92368	5	1	4	135889.2	316383.1	182016.6
570.5039	30.37033	30.35267	30.433	10	5	5	1072092	3280066	2648989
695.0231	42.83033	42.7515	42.939	4	1	3	87586.32	592318.1	632711.9
848.6328	27.54592	27.47433	27.59133	8	3	5	176166.4	1487405	1723056
326.9389	13.34265	13.22265	13.34552	5	1	4	655021.9	2804586	5243767
323.1421	28.96575	28.95033	28.97417	6	2	4	496599.6	1254990	1904721
774.5585	37.18408	37.14667	37.29367	8	3	5	120293.8	683171.9	672671.8
524.4219	19.84883	19.83067	19.973	9	4	5	179311.5	566094.2	656972
444.0408	13.02587	12.94742	13.12275	6	2	4	618973.7	807985.3	1734899
426.9987	15.84472	15.84463	15.8805	3	0	3	404630.7	1028664	1958608
602.4409	30.387	30.36683	30.4265	8	3	5	124084.3	301262.6	279735.2
574.9191	32.10983	32.09217	32.17567	4	1	3	82773.45	167143.7	133853.7
550.4056	10.04334	10.02258	10.1147	6	3	3	107392.1	107636.6	146950.8
660.9434	18.128	18.09117	18.16983	6	2	4	269851.8	917285.9	1577075
454.2652	43.60308	43.43333	43.646	6	3	3	175751.8	3223955	1651989
551.2742	9.225117	9.0693	9.2722	7	4	3	3298439	3069658	3660243
384.5532	26.88283	26.84083	26.919	5	2	3	45999.29	51647.8	87424.76
356.2273	9.7175	9.671033	9.751083	6	3	3	1071065	1791325	1671727
461.1474	31.0665	31.00267	31.09517	5	1	4	112215.6	218073.2	299942.3
482.8607	44.32892	44.30683	44.36817	10	5	5	372071.1	4611959	1274985
493.2365	17.60425	17.58967	17.6205	6	2	4	672965.1	1701579	2550598
172.723	9.463983	9.394733	9.654717	7	3	4	5344785	6242544	9754871
280.2641	25.86008	25.8215	25.88917	6	3	3	250587.8	727896.4	909987.9
311.186	20.20567	20.16467	20.3445	7	4	3	368517.5	2018272	1644590
1115.104	10.67828	10.66473	10.77118	5	1	4	5389360	5530896	11309488
416.1395	20.94433	20.84833	21.01983	5	1	4	103819	396621.4	458332.3
525.4746	30.19167	30.16417	30.23267	9	5	4	132732.7	672206.9	500792
273.1854	30.45083	30.36167	30.51183	10	5	5	567513.4	1887965	2017103
697.3566	41.20783	41.16317	41.2225	3	3	0	42333.64	201638.7	129920.4
407.2796	36.59825	36.59217	36.62033	8	4	4	164332.2	848698.2	788964.3
338.7802	9.490583	9.444983	9.537367	4	1	3	1659112	2877581	2864175
769.4115	9.540167	9.488017	9.584433	8	5	3	70697992	93039429	1.48E+08
278.0595	18.13217	18.089	18.1725	5	2	3	164478	375760.9	518560.6
554.2183	28.40933	28.35217	28.49317	4	1	3	45339.31	83720.92	114062.5

340.2851	35.06333	35.0405	35.08833	4	0	4	525649.7	2397150	1830473
540.4265	36.30017	36.29117	36.45567	10	5	5	1916046	10376017	5495825
341.1528	26.16058	26.14117	26.17883	6	2	4	212185.9	629525.5	499845.4
614.2822	30.45967	30.36167	30.52683	7	4	3	220725.5	820479.6	969489
459.2743	43.2335	43.15933	43.26167	7	3	4	111420.8	407321.9	253384.5
310.1466	35.1615	35.15933	35.2055	5	2	3	45533.45	111655.9	171314.7
363.3111	39.56008	39.48567	39.57967	10	5	5	1783725	10044949	9938535
414.3009	30.25917	30.24717	30.296	3	0	3	26637.78	62705.01	33498.43
1043.706	32.11692	32.0855	32.20817	6	3	3	992408.3	2027228	3872642
376.5216	9.541492	9.49235	9.5571	4	1	3	5100994	5484749	11301168
562.1193	23.88408	23.8565	23.89183	6	1	5	171813.9	445230.9	966586
311.2948	37.4995	37.43483	37.53033	4	3	1	330318.7	3401639	3405578
493.1845	23.786	23.7675	23.8115	6	2	4	92957.13	243528.2	320980.2
818.585	37.06383	37.0115	37.173	9	4	5	70428.27	349818.4	346961
295.1883	32.97683	32.86217	33.01367	7	4	3	665952.4	2716923	3663498
358.5801	9.483058	9.460417	9.537367	4	1	3	2227541	1861975	3232308
608.4743	43.86233	43.83483	43.91333	6	3	3	44110.69	266202.1	82431.94
426.1367	24.03467	24.03033	24.0625	5	1	4	72398.11	172086.6	328684.7
391.5075	18.93883	18.90983	18.967	9	4	5	79465.78	415175	415619.4
941.6711	30.29333	30.25917	30.41917	4	1	3	41714.5	65104.33	14299.9
222.1209	26.308	26.23333	26.369	9	4	5	287384.3	904469.2	980314.4
471.2079	20.65033	20.61683	20.9775	8	3	4	386486.2	386980.3	397090.7
444.1473	15.63077	15.61248	15.65558	4	1	3	93992.23	270548.1	432765.2
455.1845	10.40118	10.34782	10.42227	8	4	4	9204637	13848514	24958061
275.6258	27.76567	27.76017	27.83733	3	0	3	179324.6	575547.9	772795.8
643.2951	19.70183	19.67333	19.765	5	2	3	301115.8	634954.2	1127937
365.1364	28.84267	28.70283	28.9245	10	5	5	1873907	11816314	15950582
433.2059	11.9058	11.88455	12.0492	7	2	5	254718.4	942445.3	1145904
653.4167	9.2651	9.1639	9.3081	5	3	2	1303860	1411516	1308629
341.1537	32.13958	32.0875	32.19083	8	3	5	149352.6	542195.8	667876.2
358.0043	18.10333	18.03083	18.13833	5	1	4	188319.3	554744	675768.2
245.0475	21.66425	21.557	21.71567	4	3	1	79853.73	198473.5	221077
259.0999	18.12058	17.985	18.1725	8	3	4	164458.6	517629.8	738790.8
381.2985	32.326	32.283	32.36517	6	2	4	189448.6	663716.7	932206.7
814.3054	22.11867	22.05267	22.14983	6	2	4	320773.4	525516.4	823550.3
287.9091	13.32787	13.23695	13.34552	5	1	4	543132.6	3699654	3839087
623.4504	10.03463	9.9637	10.04445	5	2	3	359179.4	699069.9	792177.3
613.2782	30.45808	30.37583	30.511	8	4	4	621311	2370051	2960287
392.0522	18.93867	18.89467	18.95317	8	3	5	52702.9	215101.6	239999.6
327.0176	17.14917	17.0515	17.18383	5	1	4	59602.68	221018.6	94205.49
427.026	18.13833	18.06983	18.16983	9	4	5	1918917	10761915	15907506
419.0302	21.13642	21.082	21.15517	4	1	3	86844.66	192408.2	317688.7
600.331	22.75225	22.71633	22.78383	6	3	3	777059.9	1541621	2837509
254.0156	12.69562	12.59692	12.7257	4	4	0	72664.71	276470.5	220175.7
477.334	9.226217	9.08515	9.435533	6	4	2	53569320	1.87E+08	2.71E+08
387.0028	18.13833	18.10567	18.158	7	3	4	830401.6	3625040	5411178
777.4453	9.519625	9.502483	9.55075	4	0	4	3382082	7934360	7888684

534.3915	29.9815	29.95767	30.002	8	4	4	70723.92	553834.2	108455.6
567.3873	32.5055	32.37967	32.53617	8	4	4	1373112	3456616	6188934
521.0965	18.10342	18.07617	18.158	6	2	4	683899.3	1588101	2314896
228.0531	13.72558	13.46017	13.75177	6	1	3	91733.8	255727.7	419579.5
304.6553	30.2645	30.25217	30.34733	9	5	4	103387.3	339950.1	345122.3
556.2129	28.37133	28.335	28.47817	9	4	5	1025202	2493016	3194317
936.6485	33.78792	33.76533	33.811	8	3	5	127120	547306.1	656757.3
562.3746	22.54708	22.49	22.57533	10	5	5	2443230	7633270	9689909
494.9351	25.689	25.67733	25.69883	5	1	4	48462.96	105573.6	234510.8
301.9971	13.30095	13.18293	13.37392	4	1	3	121955.1	385976.9	660573.6
532.9264	22.99625	22.87217	23.01883	8	2	5	375718.2	860471.4	1660259
199.097	18.13975	18.01233	18.1595	10	5	5	1094679	6820513	7251489
322.2594	19.52583	19.50233	19.541	7	3	4	130174.9	355940.9	465786.5
474.0277	22.98233	22.943	23.01883	10	5	5	5450367	18556075	26909380
280.518	30.8495	30.73283	30.89783	10	5	5	272470.1	1349876	1333753
586.9087	33.48858	33.42917	33.52067	4	1	3	60476.76	161304.2	197202.7
385.9994	18.1415	18.06983	18.18483	10	5	5	6183412	38878363	56687061
420.0494	21.67933	21.60133	21.7275	7	2	5	254087.5	614268.3	845841.9
676.3881	9.558733	9.44975	9.565117	5	3	2	2395755	3250793	4528934
420.3325	39.74742	39.64917	39.77817	10	5	5	586418.4	4737980	2243129
451.0871	28.95767	28.95033	28.97417	3	0	3	37032.1	76275.05	93721.57
304.2486	33.46175	33.40883	33.5045	10	5	5	2289282	13062413	12469298
454.1421	9.121667	9.100467	9.243133	3	3	0	2521205	2068584	3426545
254.0842	18.76033	18.73683	18.81833	5	2	3	162614.9	695321.5	850052.9
322.2955	31.63525	31.59783	31.6595	8	4	4	264079.6	1152812	1222889
421.3071	22.0495	21.81517	22.1075	7	3	4	143129.7	380270.4	513066.9
266.2483	17.6005	17.5895	17.63133	10	5	5	1024655	4809557	4670982
228.5981	10.43778	10.36523	10.7506	10	4	5	10322009	17442305	33188800
364.3062	39.99683	39.95183	40.015	5	3	2	424064.6	1921246	2015040
582.4225	24.37483	24.32533	24.45017	6	2	4	104384.7	629238.9	772115
348.218	20.54	20.48283	21.00683	11	5	4	815565.9	859674.6	805825.4
711.9716	9.540167	9.460417	9.584433	4	3	1	3304031	5398929	3856464
205.0161	21.69383	21.5865	21.7275	6	2	4	149974.7	479838.3	578620.7
609.9392	38.51958	38.4235	38.5445	4	0	4	47937.37	107118.9	100441.9
382.3169	21.51508	21.4125	21.53717	6	1	5	233998.2	1407931	1866412
378.3301	37.95933	37.8165	38.08317	3	0	3	25608.37	40302.44	46408.58
165.0548	28.14717	28.10267	28.1765	5	3	2	53564.48	230148	83864.97
402.2904	34.06033	34.05067	34.06833	5	2	3	99174.95	294873.9	196784.7
559.385	29.947	29.9205	29.97683	10	5	5	158863	1637479	216422.8
546.4638	20.04883	20.04033	20.20517	5	2	3	87168.17	207879.2	236479
631.2593	10.70707	10.63273	10.75237	5	0	5	923271.1	1548072	1970426
256.1629	16.69	16.65583	16.724	10	5	5	481412.5	2733869	2909140
356.2076	32.07333	32.05783	32.1315	3	0	3	49809.7	83069.83	132506.9
430.2881	21.25817	21.1695	21.29767	9	4	5	299813.1	763274.7	1243787
468.1369	18.14	18.01233	18.16117	7	3	4	97708.5	311661.5	389826.6
696.1347	9.500283	9.473767	9.5558	7	3	4	5285952	15890134	22801377
398.3253	7.210433	7.09035	7.271517	5	2	3	2194792	803916.1	1481289

500.104	18.08433	18.07167	18.17383	5	2	3	202650.5	283406.8	358821.9
974.4517	10.69325	10.67828	10.74052	3	0	3	1002619	1229952	2452141
394.2495	20.47867	20.47467	20.59983	3	0	3	102181.6	164418.5	117737.7
337.2035	16.53952	16.53025	16.58867	6	2	4	501289.7	1271722	1636981
619.4806	17.20708	17.1625	17.25317	10	5	5	10762998	59843289	42574284
835.5844	31.81283	31.805	31.84417	7	3	4	102066.9	388661.5	468561.5
571.9575	22.99133	22.9685	23.01883	7	2	5	250951.9	485063.4	902506.3
385.4871	9.684133	9.61695	9.751083	9	5	4	494811.2	645798.6	569690.4
446.0573	32.13233	32.044	32.17517	4	1	3	42381.29	107397.1	128715.3
330.1157	26.96967	26.94683	26.99917	5	2	3	32253.6	75020.93	109330.6
793.1017	10.60532	10.43785	10.66553	8	5	3	1259571	1290931	1390353
332.7813	9.518825	9.47815	9.545617	4	1	3	36812772	34939242	57062587
340.2604	10.95518	10.87913	10.99405	3	0	3	2932208	6783635	5423475
384.0037	15.90692	15.83023	15.92517	5	1	4	174146	693545.7	1374885
446.0567	26.18158	26.16633	26.19367	4	1	3	52885.76	127986.4	82838.47
325.2016	25.25508	25.21	25.28633	6	2	4	287547.1	1478404	1336096
610.2907	10.67897	10.63273	10.75237	7	2	5	12118991	17774585	35442623
246.0821	17.11925	17.0515	17.1625	6	3	3	115526	430604.1	450353.2
580.2131	28.39517	28.34517	28.46317	7	3	4	280015.3	696307	930851.8
515.0122	18.11767	18.1035	18.18667	5	2	3	185257.3	491496.3	851007.8
513.9921	32.13533	32.0295	32.173	5	1	4	60131.34	94146.6	207584.5
373.7244	9.537367	9.47815	9.584433	9	5	4	14308447	22452663	22387673
335.1625	32.1255	32.0875	32.14983	6	1	5	146859.6	505512.5	525439.6
262.0165	11.5731	11.3126	11.71572	4	0	3	52899.14	107537.4	186866.9
713.462	43.42567	43.29183	43.4645	7	4	3	79154.48	358633.7	350199.8
224.0202	15.55713	15.40755	15.66645	9	4	5	156707.9	1190363	1281438
262.1134	12.97667	12.85795	13.0366	6	4	2	1151637	1044324	1276783
702.4991	9.5025	9.463983	9.596683	9	5	4	8.63E+08	2.09E+09	2.79E+09
500.3799	13.97497	13.82875	14.06478	6	1	4	107936.6	784848.2	909592.7
380.2285	43.60467	43.55817	43.64533	5	1	4	243420.8	5265720	1037939
608.2659	29.79417	29.77283	29.89933	6	2	4	101219.4	312572.4	220677.3
315.572	19.36883	19.32383	19.38567	6	2	4	34808.08	97035.37	128504.9
311.1624	32.4975	32.37967	32.53617	9	5	4	425666.9	1197243	1880582
296.1915	32.51217	32.39533	32.54567	9	5	4	719875.1	2113177	3424961
314.6495	32.74017	32.678	32.894	4	1	3	28125.78	38623.22	62932.7
282.2797	15.29043	15.23665	15.37675	9	4	5	252573.5	1154821	1409889
647.0228	33.17183	33.15433	33.21583	3	0	3	74494.8	561749.4	116642.5
295.2469	12.78497	12.77257	12.8356	5	2	3	90192.33	159615.6	128407.3
539.1015	22.10733	22.05267	22.12717	4	1	3	104799.1	248199.7	289827.2
852.6406	35.04083	35.002	35.12933	9	5	4	66051.64	483453.6	270722.3
178.9463	15.27613	15.21732	15.48917	3	0	3	4687924	13686903	19212759
540.4494	9.733967	9.6898	9.7788	9	5	4	5215849	5892793	9142968
599.3272	22.75433	22.70783	22.78383	9	5	4	2739620	5982210	11254820
353.0097	16.95508	16.893	16.99967	6	3	3	52981.73	162689	228604.2
639.2633	29.215	29.2	29.26	5	4	1	112523.3	391941	483521.9
312.2176	20.7285	20.7015	20.74433	4	1	3	119504.9	316671.5	229493
383.2123	9.517242	9.49235	9.5558	4	1	3	6446816	13832128	18486190

666.297	22.1215	22.1015	22.1365	5	2	3	338259.8	638951.2	972528.8
456.1883	24.32308	24.2525	24.40183	6	2	3	56882.42	158760.7	179257.8
436.9136	18.1655	18.10883	18.20533	4	1	3	43663.54	103079.7	154740.3
226.0879	26.65017	26.601	26.67933	7	2	5	246446.1	569042.3	759449.7
517.133	27.16925	27.12633	27.215	10	5	5	1056122	3531982	4864259
453.1678	23.17692	23.09983	23.21	10	5	5	451196.6	1809142	1583952
430.9154	16.9135	16.86417	16.96167	4	1	3	37672.11	128034.7	49094.66
196.5219	19.3495	19.25617	19.38317	5	2	3	44056.55	122713	71640.88
358.7172	9.537367	9.4881	9.837617	9	4	4	15325971	33581257	57179539
395.2265	11.28918	11.24107	11.29943	5	3	2	987508.8	2005190	3888357
440.5262	29.8025	29.76717	29.827	4	1	3	34350.73	51028.97	109624.1
316.2123	8.76	8.551733	8.905933	6	4	2	4286361	42202595	23015424
305.239	38.8975	38.86367	38.927	3	0	3	367428.8	1072473	1261620
502.1933	10.40118	10.34782	10.42227	8	4	4	10631235	14651934	28692137
377.1163	19.5845	19.54683	19.61483	3	0	3	155895.2	570400	867726.4
572.3796	18.71283	18.67017	18.73683	8	3	5	94266.48	258460.3	419955
645.0078	31.34333	31.31433	31.36017	3	0	3	149651.7	509437.5	1117399
534.2555	18.92383	18.86433	18.93883	9	5	4	88201.04	295989	308704.3
781.6428	9.522017	9.460417	9.545617	4	1	3	2624521	2462297	5302456
738.4274	41.19317	41.16333	41.25083	9	4	5	202905.9	1123365	713495.3
813.3015	22.12592	22.03667	22.14983	6	2	4	666589.4	1340265	2034126
720.4092	17.2225	17.153	17.2395	5	1	4	82361.16	168942.1	271299.7
359.7362	9.519925	9.474117	9.596683	8	5	3	11409418	31331056	29535747
766.1962	29.149	29.1255	29.2115	5	1	4	105503.5	348756.7	309428.7
256.0036	31.00108	30.96383	31.0595	4	1	3	47520.32	78336.05	158337.4
230.0238	21.68167	21.66517	21.71567	5	3	2	178853.8	508279.2	623837.7
268.083	30.80633	30.7045	30.8525	9	4	5	413564.8	1840184	1741754
363.5942	29.1535	29.14083	29.19117	3	0	3	70392.52	76465.01	167441.2
277.7319	9.5571	9.500283	9.572217	5	3	2	2714047	5319997	5265328
473.3451	34.70975	34.68833	34.71883	6	2	4	231529.4	270446.5	267895.2
376.3984	9.490217	9.460417	9.537367	4	1	3	4361030	3797340	6231835
296.1941	23.80217	23.73983	23.84167	5	4	1	153596.5	489970.3	626331.3
326.1608	42.44225	42.37333	42.51133	8	4	4	81622.36	523567.1	447469.7
472.0324	22.99917	22.97417	23.01883	7	2	5	254243.9	739687.5	1120988
461.2688	36.4245	36.407	36.47133	3	0	3	27834.39	81546.58	25704.33
658.2378	29.14083	29.09717	29.2115	5	3	2	229042.2	247945.1	383165.5
327.1997	23.11458	23.0165	23.12483	6	2	4	106095.5	380566.7	333652.8
739.4313	41.20783	41.13333	41.23733	8	4	4	88922.98	403192.7	298163.6
327.1321	22.75375	22.70783	22.78383	8	4	4	322523.3	1046861	1319472
819.4775	29.64442	29.57833	29.681	4	3	1	388402.5	810624.6	1616199
377.8245	9.47815	9.444983	9.537367	3	0	3	8012770	6513543	13784157
338.2241	37.53517	37.4705	37.56533	4	0	4	53170.06	314413.9	119700.4
428.7261	10.40805	10.34782	10.44485	7	2	5	10463512	15908693	26851504
333.1738	16.68817	16.66133	16.69967	6	2	4	271709.7	515929	640104.9
330.2148	32.70317	32.6365	32.73083	7	3	4	165755.4	809385.7	856779.1
233.1112	14.78578	14.71445	15.08275	11	5	5	971573.3	4002544	5296407
598.7615	29.21333	29.15517	29.29983	6	2	4	352279.1	825153.5	1448854

267.1724	27.13167	27.08717	27.19183	10	5	5	5944670	30333796	35369184
703.1762	22.142	22.05267	22.15067	5	2	3	329717.2	764405.7	1056727
298.1316	32.13917	32.0875	32.1585	6	1	5	87462.5	211696.1	357582.2
282.1156	28.97267	28.95033	28.98033	7	2	5	286893.9	667543	1110936
282.2797	39.465	39.223	39.54983	11	5	5	634989.9	4803665	5064234
441.3443	10.03438	9.94255	10.05278	6	4	2	1279509	1956534	2877758
497.3882	35.75383	35.72383	35.785	9	4	5	194469.1	895932.3	1010749
395.0011	21.708	21.6855	21.72567	7	3	4	132809.6	731042.4	857552.2
250.2098	14.53196	14.46898	14.58152	8	3	5	125597.4	710195.6	804901.3
212.4264	9.52075	9.502483	9.537367	3	0	3	3654970	5271600	10797267
371.0634	31.32358	31.301	31.34333	4	0	4	447311.3	1150830	2057549
491.3616	29.02458	29.00517	29.1375	8	4	4	106338.1	487698.2	569419.8
274.6258	26.67458	26.63917	26.98233	8	2	4	376285.1	1472487	2237431
443.1702	9.678275	9.435533	9.939067	8	3	3	8942006	13889329	23381581
350.7553	21.8135	21.64633	21.83617	5	2	3	53993.04	98422.01	145054
608.3638	25.04083	24.9975	25.06317	5	2	3	90986.55	255307.7	189352
202.1074	8.821183	8.730367	8.94765	5	3	2	128026.2	596431.6	435764.5
316.1995	14.02403	13.91735	14.144	8	4	4	139005.2	578418	651208.9
305.269	31.63417	31.612	31.6625	9	5	4	341077.9	1404318	1516679
491.3287	11.73803	11.72045	11.74298	4	1	3	66390.22	139236.9	108614.2
257.0597	11.06731	10.85075	11.09677	6	3	3	175509.3	581668.8	960670
539.4031	12.04908	12.0203	12.2138	8	4	4	92373.57	264452.3	258252
626.2914	32.72958	32.708	32.83033	8	3	5	214146.4	748529.9	880349.7
332.472	21.01067	20.9345	21.03617	6	3	3	35630.29	87411.55	113549.1
355.2262	19.806	19.79	19.887	4	1	3	25768.12	90665.18	69813.05
570.2719	9.221592	9.163733	9.266617	6	4	2	1370913	1442098	1404388
505.3793	30.4565	30.41283	30.48633	7	3	4	160515.6	284243.9	358929.5
361.3301	19.29067	19.27917	19.30917	7	3	4	65549.62	160449.2	189881.6
428.3529	31.61592	31.542	31.70567	6	3	3	89679.63	303049.7	349323.2
610.2483	29.2075	29.06817	29.24117	6	4	2	161062.2	705718.9	520672.5
638.4103	43.60183	43.57217	43.62017	3	3	0	67094.35	562616.3	138998.3
660.9778	20.64217	20.58467	20.7515	5	2	3	56801.18	96630.81	124564.2
488.1735	13.02823	13.00105	13.05133	4	1	3	311976	783716	1564608
506.1667	14.00334	13.97622	14.04275	4	1	3	179828.1	459200.4	846827.2
396.5972	18.93842	18.90983	18.967	8	3	5	53317.31	205404.9	237317.5
295.1908	23.82683	23.71633	23.85583	9	5	4	1087342	4020838	4520582
672.5026	34.30692	34.13417	34.32567	6	1	4	125310.7	212925.2	245513.5
452.1721	26.65383	26.601	26.67933	7	2	5	171732.3	1046083	466981.6
371.3273	25.17525	25.14933	25.26	10	5	5	142274.7	496365.7	445134
626.2837	30.29	30.18683	30.31867	5	2	3	72461.55	177263.7	80427.88
544.0617	19.6915	19.6445	19.7185	7	3	4	176613.7	386796.4	643029.3
730.2009	32.1095	32.05683	32.20633	10	5	5	206836	1563675	1151254
515.137	21.50583	21.48717	21.52233	6	2	4	888472.2	1422787	1968422
593.3884	10.09363	10.04878	10.1429	4	3	1	4499735	6322947	10084728
254.2486	11.13961	11.12325	11.16482	6	2	4	67230.69	109798	145423
712.4793	35.329	35.29567	35.3705	9	5	4	148529.9	353703	431885.4
611.2366	10.72217	10.68362	11.01127	7	2	4	9182726	14080757	29662405

624.7976	10.87202	10.86477	10.88395	4	1	3	91029.77	77081.32	145700.4
562.1233	18.12917	18.09117	18.158	4	1	3	113857.9	271469.5	403001.6
564.8953	33.50775	33.3915	33.58283	6	3	3	94525.83	268978.4	317689.6
396.2668	21.45825	21.35633	21.52233	4	1	3	59007.29	111807.4	122672
339.1014	28.6435	28.598	28.66667	4	1	3	40678.58	137221.8	65519.57
267.2517	18.93842	18.92367	18.96767	10	5	5	305139.4	1346753	1330905
317.1054	20.43833	20.4115	20.56367	7	3	4	3593566	12195920	17025758
400.3213	33.99575	33.966	34.02433	6	3	3	350437.4	1564313	2161763
486.3564	29.62508	29.57833	29.68167	8	4	4	152466.3	638104.5	640015.2
610.7923	10.67149	10.62815	10.75237	8	3	5	8498367	12798566	26522134
408.9885	21.68942	21.66433	21.71283	6	2	4	212224	653401.6	911310.5
322.2859	14.49297	14.2379	14.5373	7	2	4	378937.2	1441530	1801269
272.1864	18.11942	18.02683	18.1595	10	5	5	1387225	8277715	9091958
658.469	23.17983	23.133	23.196	7	3	4	240264.6	323014.9	441345.7
368.2251	9.5571	9.4881	9.85235	9	4	4	2.65E+08	5.55E+08	1E+09
330.2279	23.82875	23.71633	23.85583	10	5	5	1131115	3551321	4435204
563.1617	21.69392	21.57183	21.7275	6	2	4	314194.1	466922.5	640595.9
380.3375	39.55608	39.48567	39.60733	8	4	4	192448.9	912025.4	909444.2
730.4631	40.65242	40.62583	40.67817	6	3	3	27627.77	182761.4	96290.82
341.7658	9.5558	9.47815	9.617567	7	4	3	8457062	12603560	11548035
372.2747	24.05183	24.04667	24.109	3	3	0	250080.9	1066826	803382.2
1577.025	9.522017	9.473767	9.5571	4	1	3	2462352	3671015	7903727
358.2155	9.553275	9.4881	9.584433	8	5	3	43105568	99045285	1.71E+08
299.626	26.86958	26.849	26.919	6	2	4	82456.78	193291	260247.3
352.1211	20.941	20.905	21.00533	6	2	4	100382.6	184303.3	287368.1
394.2316	8.905375	8.7127	8.9755	4	3	1	1149008	2033173	2944837
382.2943	10.08403	10.0041	10.12872	6	2	4	334570.9	680501.2	899788.5
540.4111	35.46825	35.42017	35.50117	10	5	5	1567479	8458013	9466656
306.275	22.98833	22.97483	23.0585	3	0	3	43257760	1.58E+08	1.69E+08
382.311	39.5105	39.4565	39.53067	6	3	3	419130	1369940	2306548
515.1367	22.76108	22.74667	22.77767	4	1	3	385889.6	1150793	1662817
765.4312	24.84417	24.824	24.86083	3	0	3	39351.51	42372.95	61602.82
1107.117	10.66553	10.6177	10.67828	5	2	3	856601.3	709395.8	1252056
261.1101	12.30735	12.2709	12.4731	5	2	3	2400115	4028668	4451991
312.1811	15.02647	14.97753	15.09133	7	3	4	85720.8	326539.5	421720.4
365.1868	9.534967	9.4881	9.5558	5	1	4	5470685	7672262	12682530
376.2141	16.969	16.96183	17.00117	4	1	3	75308.92	322250.9	151805.1
615.1673	25.95217	25.931	25.976	4	1	3	47177.92	67821.54	123224.6
285.2217	36.78467	36.77217	36.8095	7	3	4	199443.3	2531681	2858909
185.081	31.07333	30.97417	31.1105	4	1	3	59644.81	361223.8	130634.3
343.7013	8.82215	8.58785	8.919867	6	4	2	120811.7	277228.5	301848.3
746.1916	29.228	29.16333	29.32917	6	1	5	242915.7	658943.5	1086879
451.0325	22.09967	22.08617	22.1215	6	3	3	109272.8	464636.7	524096
642.4337	16.60609	16.55567	16.63332	6	2	4	42403.87	113864.5	72641.02
525.4253	19.85025	19.83417	19.99017	6	2	4	58366.55	156027.4	179958.3
1116.105	10.66922	10.599	10.77118	5	1	4	3509467	3411177	7027440
474.2601	23.1115	23.09983	23.1535	4	4	0	36808.92	139053.3	63071.05

568.2343	26.22575	26.173	26.30383	10	5	5	791422.7	2673786	3277646
440.41	35.16183	35.147	35.21983	10	5	5	28469580	1.36E+08	90968249
766.4588	41.20783	41.178	41.23617	9	4	5	130980.9	643527.3	441670.7
732.9074	26.66483	26.59933	26.69733	7	2	4	73192.36	114559.4	163632
937.6523	33.79542	33.77133	33.81983	6	3	3	63505.11	238574.7	303158.3
385.0021	15.8805	15.85927	15.92517	5	1	4	74311.55	278477.5	521143.7
390.137	27.35433	27.271	27.3885	6	2	4	88602.58	274299.5	332073.3
348.2344	11.64615	11.62662	11.6697	5	3	2	133051.7	322823.6	383366.6
445.259	33.54	33.50883	33.54917	5	3	2	119360.4	471178.9	670858.2
512.4339	34.61558	34.5525	34.63667	4	1	3	2728252	5566403	8214481
354.0064	22.98917	22.96517	23.01883	7	2	5	234822.4	657501	984321.5
420.1108	15.466	15.45395	15.48917	3	0	3	55629.02	119785.5	194922
315.0796	19.35933	19.29933	19.37867	5	2	3	70925.19	158816.8	250154.4
433.3321	22.28942	22.262	22.37033	8	3	5	113780.2	457648	394567.3
253.1953	20.98083	20.935	21.00683	6	3	3	161632.7	601747.3	619626.3
341.7325	9.52075	9.472433	9.55215	5	2	3	1693465	2900466	3834018
622.2713	22.13158	22.05267	22.14983	6	2	4	729781.9	1481212	2032661
314.0147	15.59293	15.48072	15.65342	4	1	3	60563.04	194318.5	367839.4
371.2583	44.9745	44.91517	44.975	7	4	3	232784.5	932414.6	844794.1
598.3883	33.96525	33.935	34.07833	6	3	3	59829.52	167141.8	230103.2
662.9923	21.02133	21.0085	21.0485	3	0	3	129478.8	525266.8	707740
414.0305	22.30383	22.26717	22.349	5	2	3	648631.3	2589460	3709539
311.2699	13.09522	13.06597	13.15133	7	3	4	72951.46	190200.3	221809.3
500.1925	10.37793	10.34782	10.44485	6	1	5	1020025	1680520	2212681
283.07	7.6215	7.261583	7.720817	5	3	1	5107805	1.14E+08	90126244
212.0373	11.05192	10.86645	11.0843	9	4	5	4646645	20568458	36310267
478.4009	16.98467	16.96683	17.00833	6	3	3	86417.13	259246.7	268350.5
416.0095	14.56161	14.44873	14.62537	4	1	3	71632.88	186339.1	342772.8
184.0735	30.0325	30.00317	30.146	7	3	4	184991.4	1218306	847107.6
415.2121	24.6	24.53833	24.63833	8	4	4	1819705	10420972	11273612
603.4158	21.37625	21.3015	21.42217	6	3	3	53910.5	95387.99	128325.5
467.361	9.472467	9.2866	9.515567	6	3	3	1351488	1879617	1944514
424.9986	17.28058	17.196	17.3295	4	1	3	84515.41	215044.1	350204.6
309.0911	21.76967	21.66133	21.8075	3	0	3	170849	727624	884840.7
306.2724	31.62867	31.59783	31.66567	5	2	3	50504.2	158449.7	179255.2
559.138	16.92925	16.9075	16.94367	4	1	3	67520.89	135495	239171.5
389.0073	21.67933	21.57183	21.7275	6	2	4	154775.1	506082.1	681160.1
437.2653	23.80075	23.75067	23.812	6	2	4	156676.6	393611	636362.3
612.2398	10.71462	10.69325	10.75515	4	1	3	2226975	3693969	7483418
792.2669	28.96867	28.95917	28.9805	6	3	3	105335.8	462357.3	545985.9
526.3953	32.24633	32.2195	32.28017	10	5	5	1579999	6558274	7411107
429.3188	34.77183	34.73667	34.81033	7	3	4	369837.4	392881.8	433162.7
453.9315	16.9465	16.89217	16.97683	8	3	5	383735	1172724	2401051
329.2443	10.26028	10.00747	10.30878	5	1	3	161511.7	266638.2	350071
200.0917	9.496317	9.473767	9.537367	4	1	3	2611595	3035071	4960188
266.2483	18.93883	18.90983	18.967	10	5	5	2072256	10317891	10064396
348.7842	27.272	27.26683	27.316	5	2	3	88649.54	217367	283115.5

371.1311	21.0525	21.0505	21.07733	3	0	3	1064780	4160900	4594954
634.2487	29.228	29.08283	29.31467	11	5	4	388063.9	522088.5	419464.4
665.4677	29.88433	29.86	29.92167	10	5	5	935688.3	9323053	2203990
748.1864	29.228	29.2135	29.29983	5	1	4	98844.89	234149	426263.5
790.5902	34.879	34.8415	34.91717	7	3	4	627122.4	6819805	6632282
425.2051	9.6753	9.602367	9.7372	9	5	4	5685549	3912176	4639833
331.1887	9.531333	9.463983	9.537367	3	0	3	6773055	7208595	11595625
332.1945	15.64082	15.59763	15.7074	10	5	5	339787	1732368	1574516
348.29	33.33767	33.32417	33.3555	5	3	2	97488.06	451744	534715.8
949.595	43.62317	43.53283	43.6355	10	5	5	142422.1	1304313	258595.1
272.1862	16.69558	16.65583	16.724	10	5	5	3335095	23471256	23771067
277.0563	18.12058	18.08433	18.1585	8	3	5	2044588	7151626	9661538
452.3144	27.35433	27.33233	27.374	5	4	1	96709.02	324881.5	317824.7
355.0414	15.62983	15.5829	15.68498	4	1	3	86819.53	321342.4	642755
334.6742	10.02349	9.9637	10.04445	6	2	4	939792.4	1493568	2605608
501.19	10.40768	10.37933	10.43838	8	3	5	47714160	76235780	1.37E+08
399.2511	29.64058	29.57833	29.68167	10	5	5	47707200	2.11E+08	1.88E+08
1112.68	29.17008	29.14083	29.28517	6	3	3	398962.3	624122.8	1041466
172.1698	19.41808	19.4025	19.48333	10	5	5	378628.7	1110245	1049453
325.0899	27.472	27.4605	27.52983	5	2	3	140043.4	543805.8	628388.8
299.0821	22.10083	22.07917	22.1385	5	3	2	1376647	5200845	7026530
255.0682	11.06992	10.8821	11.28918	9	3	5	496426.8	1789361	2976709
490.3228	9.26545	9.1639	9.322017	6	3	3	2323096	2586764	1596145
1111.631	10.66553	10.64867	10.69263	5	2	3	2618626	2302297	3042686
482.369	32.29433	32.26967	32.32267	8	3	5	688556.9	3026154	3355366
375.3015	18.93883	18.90983	18.967	10	5	5	1970210	10375606	10195141
312.0899	16.9865	16.965	17.0075	5	2	3	114324.6	445916	784868.9
331.0845	21.99225	21.8625	22.034	4	0	4	49441.17	102889.8	131864.6
240.0686	15.89645	15.7262	15.939	11	5	5	2827419	15639596	26078487
624.2007	28.39117	28.3815	28.48133	5	3	2	67716.76	155628.5	257153.4
311.3791	16.95033	16.893	16.96167	4	1	3	27101.86	57090.34	113890.5
485.3711	10.86477	10.76473	10.93685	9	5	4	445516.8	764502.4	1095317
215.0572	18.094	18.07617	18.12517	3	0	3	59982.56	273689.2	79744.58
283.2387	12.10948	12.06322	12.13527	6	3	3	53418.13	119485.3	122039.6
219.1748	10.0997	10.0778	10.12872	5	2	3	1124067	2254872	3312348
303.181	22.542	22.48433	22.55217	5	3	2	55734.05	188973.4	180082.8
322.0547	22.66567	22.60367	22.70883	7	4	3	78608.53	295719.6	317798.3
780.2586	41.208	41.193	41.25217	7	4	3	115905.7	257195.2	212694.6
282.0986	15.85185	15.74115	15.95042	8	3	4	222715.1	906991.7	1638965
313.1805	15.63063	15.59763	15.6926	9	4	5	196141.8	717348.5	932390.4
1114.602	10.66922	10.66397	10.77118	7	3	4	4647543	4282527	9047165
507.2634	9.187083	8.904467	9.2529	9	5	4	26401334	37044389	54545770
387.2538	44.65717	44.5865	44.70333	8	3	4	400408.1	456425.2	342118.5
733.5518	23.83917	23.7675	23.86133	7	3	4	177793.8	902700.1	1069451
363.6114	32.72633	32.693	32.84617	5	1	4	62256.95	109841.2	242347.7
244.2276	12.87255	12.84582	12.9364	7	3	4	255798.8	592135	428997.8
774.1836	22.98917	22.943	23.01883	7	3	4	1186037	2544960	3909666

338.8086	9.50875	9.463983	9.565117	6	2	4	1659112	3252303	4675103
731.5361	37.314	37.26917	37.39983	7	3	4	75109.13	343462.2	374176.2
358.132	20.43792	20.4255	20.56367	6	2	4	268744.4	727289.7	982200.6
429.3013	29.76767	29.74033	29.78817	10	5	5	142120.6	1250325	414707.6
695.1782	27.4675	27.45867	27.54433	6	2	4	229387.4	924202.6	1247029
790.6169	44.95917	44.90083	44.97467	10	5	5	98739.48	809798	206108.3
717.4902	9.3496	9.272433	9.602367	7	3	3	16234672	8468790	9975300
566.9302	10.11891	10.02378	10.17413	8	5	3	8488522	11256364	14190411
614.4845	35.26567	35.2495	35.3105	7	3	4	894204.8	10813928	11098055
441.4135	35.16183	35.147	35.21983	10	5	5	8542213	40051118	27297113
575.2971	29.18083	29.16983	29.228	4	3	1	294622.1	744582.3	1161666
207.08	29.51983	29.419	29.53567	6	2	4	466951.2	1217539	2320677
270.9424	30.42225	30.29017	30.44967	4	1	3	112817.7	170216.7	318181.6
583.1198	33.30233	33.2885	33.32083	5	1	4	189351.8	474801.8	1024363
383.3471	10.06267	9.78225	10.08522	4	1	3	102594.7	163303	194449.7
342.32	31.0515	30.93633	31.16467	7	3	4	283683.5	3443486	2234925
489.2055	19.893	19.8625	19.956	5	1	4	46646.23	82584.67	112544.4
383.8125	10.08403	9.9637	10.1147	8	4	4	1034459	990961.5	1687236
381.2355	30.777	30.73283	30.83517	4	0	4	46652.39	188659.8	87091.66
415.2122	21.496	21.39833	21.52233	10	5	5	5357479	16012642	14095463
893.6259	33.93158	33.92033	33.938	8	3	5	166726.2	707246.1	866121.7
1292.639	41.20783	41.16333	41.23617	9	5	4	562475.3	1398147	1921401
206.0896	30.848	30.73283	30.88867	10	5	5	919056.6	5422027	5243483
437.3414	9.178	9.101033	9.280533	7	5	2	2794980	7676315	5362659
385.9992	15.90618	15.80118	15.93323	8	4	4	2067142	8522417	16685267
453.3622	36.11283	36.06767	36.13	7	3	4	74903.11	246782.1	288516.3
279.0679	30.73358	30.67617	30.8325	4	1	3	766936.2	2123758	2480447
371.2275	8.7798	8.551733	8.83155	3	3	0	3918797	885060.1	892779.4
256.1912	17.43792	17.31183	17.50383	10	5	5	210247.1	1446673	1479290
531.2917	30.4955	30.47117	30.59083	9	5	4	320169.3	1155650	1251168
441.1	25.98183	25.949	26.04517	6	2	4	56894.76	127791.6	221596.6
1176.7	9.445533	9.3968	9.463983	4	1	3	12451402	11130237	22537147
923.5936	43.60158	43.59317	43.61617	4	1	3	63213.34	174329.4	237592.8
315.217	28.916	28.8075	28.9365	5	2	3	45591.45	192391.3	113305.6
343.9755	18.09967	18.0455	18.153	4	1	3	63766.78	173779.1	241409.2
247.1657	16.93758	16.88917	16.96917	10	5	5	1071609	6066747	5172776
640.4525	33.32758	33.279	33.42333	6	3	3	82282.61	94085.99	104602.9
325.5883	27.46742	27.427	27.53083	6	2	4	114480.4	449179.5	617719.3
560.0881	25.91917	25.91633	25.926	4	1	3	37688.83	67070.48	112694.8
266.233	14.53727	14.49833	14.69188	7	3	4	92758.02	464809.4	467124.2
321.264	25.44892	25.40883	25.47683	6	2	4	203853.1	242047.9	300315.9
239.0311	14.07078	13.81973	14.20757	11	3	5	200834.9	980775.4	1020070
569.2378	26.23933	26.15833	26.30383	8	3	5	180316.3	542469	672874.2
319.0792	27.27075	27.17183	27.28633	6	3	3	166608.7	783800.5	801478.6
385.0374	26.879	26.80717	26.92883	5	2	3	51525.05	102131.7	163878.4
622.5193	9.967367	9.917283	9.988417	4	3	1	151796.6	154904.5	235569.3
469.3403	10.69392	10.6177	10.77118	7	3	4	1104059	1710960	2030786

669.9574	43.21692	43.15883	43.2185	4	3	1	43511.09	255741	87390.95
696.9019	9.71975	9.6609	9.7372	5	2	3	596545.7	565539.9	1106922
388.9826	21.70217	21.67933	21.7285	6	2	4	145497.2	485783.2	665698
310.2073	33.488	33.40883	33.534	6	3	3	84847.69	290067.3	351342.8
343.2596	31.30775	31.216	31.373	10	5	5	810024.4	2717623	2605866
878.4042	30.21808	30.11717	30.23533	8	3	5	49535.27	185612.4	200554
418.0265	25.68983	25.65733	25.69883	5	1	4	84294.02	184219.9	402503.5
282.4684	18.11767	18.09117	18.158	5	2	3	46008.23	153621.8	233324.1
395.128	16.6685	16.64683	16.73567	5	2	3	58412.89	261073.2	327577.3
586.2599	29.18433	29.14083	29.25583	6	2	4	234723.2	587644.4	704691.9
531.3318	38.75033	38.70017	38.81317	5	3	2	27214.32	57834.42	35742.6
512.2699	43.57083	43.4645	43.7415	3	3	0	80389.24	1386406	365811.9
297.1856	15.75743	15.6928	15.81567	10	5	5	160944.1	681973.5	606890
257.0349	11.063	10.9623	11.0701	5	2	3	2740472	2512583	5258074
318.083	18.13075	18.06983	18.16983	8	3	5	1254357	4356248	5814255
294.2361	20.071	20.0255	20.18917	6	2	4	132748.2	254399.8	321589.3
291.2324	24.48167	24.428	24.50533	5	3	2	125512.2	581145	672926.3
340.7929	9.515	9.412217	9.654	5	2	3	2.57E+08	46065425	55802273
530.2882	30.49833	30.47117	30.59083	10	5	5	1236095	4850853	5298229
408.3324	36.50467	36.50083	36.531	7	3	4	106906.2	588097.2	414577.6
394.3434	9.70325	9.65795	9.718267	4	1	3	587293.1	793198.2	1158868
198.1491	10.10742	9.993883	10.25052	6	2	3	677893.9	2528052	2823388
271.9004	32.4975	32.39533	32.55117	7	3	4	121854	455820.9	239127.6
690.5043	10.36217	10.1353	10.42607	8	3	5	1470175	1387930	1488793
547.467	22.45817	22.4105	22.49083	9	4	5	81123.48	226725.6	237320.6
364.9803	9.47815	9.444983	9.537367	3	0	3	3889489	2239984	4433433
1290.632	41.19333	41.16333	41.23617	10	5	5	2025389	5421656	7611439
435.3587	28.56767	28.483	28.59617	7	3	4	120293	516062.3	647404
760.187	29.228	29.2	29.26133	6	4	2	77131.28	427179.9	163717.4
449.6983	10.67897	10.599	10.75237	7	2	5	5506596	9966526	20179753
245.0789	17.14017	17.03717	17.19717	10	5	5	1139736	5597955	6273738
544.3797	11.22369	11.20932	11.22767	4	1	3	40875.54	91880.88	96743.07
452.3292	20.40942	20.3965	20.588	6	3	3	66717.27	269763.1	242262.9
567.4366	18.26283	18.253	18.302	5	2	3	53387.54	124564.2	147555.6
320.2226	15.37911	15.36078	15.39463	4	1	3	33745.62	131394	72193.45
397.9892	18.1395	18.08867	18.1585	5	3	2	174764.3	1022236	1019816
281.0953	15.90863	15.80118	15.9483	10	5	5	1952199	11019216	18067671
739.1969	32.12658	32.10233	32.19133	6	2	4	85636.22	235972.6	196503.3
358.2957	24.882	24.8735	24.91983	5	1	4	85657.91	364849.8	449539.4
523.1062	29.11617	29.08083	29.1255	4	3	1	34199.59	85097.69	114088.1
405.301	28.7755	28.7495	28.7945	5	2	3	72899.66	223805.9	212692.7
498.1245	18.10333	18.047	18.14	4	1	3	121290.2	310184.8	500761.7
305.7366	23.027	22.97417	23.06783	6	2	4	44135.07	107914.6	134658.1
552.0622	18.43225	18.38883	18.47767	6	2	4	81913.63	242358	383607.4
1291.636	41.19333	41.178	41.23617	10	5	5	1464723	3931489	5603922
280.6552	32.10983	32.05883	32.17667	6	4	2	188512.7	1089076	1064627
315.1962	14.02533	13.93198	14.11172	10	5	5	811194.5	3978433	4486382

1064.678	29.17	29.14083	29.21933	4	3	1	217678.2	372960.6	690147.7
749.5466	28.7875	28.75783	28.795	8	4	4	229983.9	953942.2	1149017
834.5803	31.82667	31.81083	31.85467	9	4	5	237882.8	1058074	1197485
686.5212	38.21483	38.1115	38.35367	4	1	3	73622.11	492648.6	105382.2
429.6423	23.18175	23.09983	23.21	10	5	5	61303.02	244402.5	240115.7
486.2985	9.20005	9.101033	9.266783	5	3	2	4345875	3024347	4989630
739.2316	41.22283	41.193	41.26683	7	4	3	143701.9	359686	307760.1
433.001	22.98233	22.938	23.01883	10	5	5	3628233	12091067	18041003
267.1033	25.66967	25.6535	25.69883	6	2	4	72708.3	221175.9	174124.7
743.8786	30.74758	30.474	30.80633	4	1	3	75760.62	133187.8	289909.6
289.1063	10.66473	10.58428	10.76465	7	2	5	2570570	6153078	11777973
400.2546	29.64058	29.57833	29.68167	10	5	5	9824407	42838321	38438455
660.2528	30.27317	30.23533	30.36167	7	3	4	209147.1	281154.7	291449.6
517.1783	10.6638	10.59208	10.75237	8	4	4	483010.2	1313854	1370352
510.163	10.72198	10.6177	10.77118	4	1	3	235834.3	302003.9	486430.8
516.1296	27.16158	27.12967	27.215	10	5	5	3556674	12945232	17135313
488.9462	22.06392	22.00883	22.1365	4	1	3	46754.18	168477.5	197586.7
1135.676	29.12633	29.111	29.2705	5	3	2	255013.1	327939.8	586571.4
798.5086	9.71975	9.685033	9.7372	5	3	2	964801.8	838903.2	1461945
271.6126	10.68883	10.58428	10.75237	8	3	5	1066448	2408656	4339224
304.7409	23.048	22.97417	23.073	9	4	5	181103.8	762482.5	887697.8
544.4063	23.19125	23.0745	23.22367	6	3	3	212063.1	259471.8	323312.1
524.3336	17.64233	17.63367	17.65867	4	3	1	53547.16	136258.6	131361.9
332.28	39.58658	39.5005	39.606	6	2	4	113949	907825	300638.5
556.0726	26.65383	26.586	26.6795	7	2	5	262768.6	748759.4	1022146
285.2907	20.26667	20.2315	20.403	5	2	3	31365.24	57767.81	68507.17
331.1911	15.64102	15.59763	15.7074	10	5	5	1940737	10905346	9418044
810.3147	23.12017	23.09333	23.13033	5	2	3	149525.1	378113.4	636095.8
724.4116	41.20767	41.16333	41.23617	9	4	5	320530.1	1655738	1119308
395.3202	32.2625	32.2235	32.29083	5	2	3	53009.72	112773.1	124531
468.9977	42.95933	42.89083	42.988	4	0	4	20718.35	80927.34	12112.47
212.1649	11.11091	11.08068	11.28568	6	1	5	145722.6	427465.7	459153.2
613.1312	26.99883	26.952	27.04417	5	2	3	36524.51	85568.79	114128.9
710.9728	9.537367	9.43065	9.584433	7	4	3	6334846	11923906	9308514
301.2015	25.92817	25.87667	26.0005	7	3	4	191976.8	577877.1	657494.3
317.2052	19.36892	19.32383	19.4025	10	5	5	9021395	38716831	43781353
435.1735	25.90825	25.90167	25.947	6	2	4	87194.28	245182	340239.3
696.5397	7.281467	7.184817	7.3246	5	2	3	694149.6	353132	688764.4
878.6074	21.20083	21.1315	21.24967	5	2	3	138499.8	491736.9	564117
631.0982	10.85758	10.80383	10.93685	8	3	5	245564.9	416046.5	643790
234.1144	11.75985	11.65528	11.92125	7	4	3	137568	514172.9	745424
279.1912	30.805	30.48833	30.93717	8	4	3	47162904	24943406	54801229
514.1404	22.119	22.04967	22.16383	8	3	5	533274.7	1677164	2276398
604.0958	10.76465	10.70767	10.77882	5	2	3	1967187	4246329	8536849
296.1363	26.99325	26.95617	27.045	6	2	4	61127.36	169857.3	233602.7
702.5008	34.5665	34.51967	34.58817	5	3	2	615775	4694583	6436973
432.2025	15.0387	14.98237	15.1654	10	5	5	1868250	8493478	10489036

520.2368	15.83088	15.78005	15.90278	7	2	5	97366.24	241876.9	450886.2
461.2731	23.17283	23.09983	23.22367	9	5	4	210125.9	1019619	678434.2
294.2281	17.66533	17.63367	17.71	10	5	5	84626.19	411369.6	194430.3
195.1382	16.70425	16.65583	16.74017	8	5	3	312088.5	2115102	1899161
402.2876	10.42228	10.31842	10.62195	5	2	3	1.33E+08	1.19E+08	1.44E+08
432.2388	21.50183	21.39833	21.52233	8	4	4	3822915	9698412	8203117
394.2231	11.28632	11.21035	11.38502	10	5	5	4656883	9909036	19106142
572.0672	15.62175	15.61248	15.65558	5	1	4	211073.9	578252.8	1159279
244.2275	21.02542	21.00017	21.05067	4	3	1	663089.3	2120215	2298300
624.2626	42.62267	42.59017	42.636	3	0	3	36525.14	139643.7	23274.41
345.1816	16.17522	16.14437	16.22193	10	5	5	213568.9	848538.6	692677.2
762.9413	9.822817	9.777783	9.862433	5	2	3	231244.7	307269.6	474331.8
786.1966	9.52075	9.5169	9.537367	3	0	3	1293356	1637323	3192218
285.9122	13.32273	13.18458	13.34552	6	2	4	504035.2	2037034	3688373
295.1882	32.5	32.37967	32.53617	10	5	5	4165952	15518530	22457921
397.406	29.637	29.57833	29.6815	9	5	4	72990.04	286420.1	285091.7
455.3317	10.03463	10.02378	10.33698	5	3	2	969985.7	1908784	2319447
283.2831	15.28328	15.2308	15.30603	4	1	3	36761.09	150066.9	155170.8
897.4181	25.6135	25.5895	25.64467	7	3	4	176463	503654.8	667743.3
328.2127	27.64233	27.54433	27.69233	6	2	4	44277.75	217246.1	220371.9
1111.675	29.18442	29.15517	29.2705	6	3	3	682725.1	1065138	1764212
565.4217	29.11133	29.11083	29.22633	4	3	1	44407.08	118112	134183.5
743.1956	29.24733	29.198	29.2705	3	0	3	100126.6	202474	332380.1
310.7595	9.952725	9.915283	9.988417	6	3	3	128057.5	148431.7	210765.1
371.1891	22.12217	22.05267	22.14983	7	3	4	310606	612270.4	801278
425.0305	18.10567	18.089	18.16983	5	1	4	201016.4	988200.2	1390023
437.1626	17.18508	17.1775	17.196	4	1	3	319706.2	939261.5	1616185
456.1943	15.00965	14.922	15.0897	9	4	5	144172.7	472636.3	659969
301.217	18.113	18.11017	18.14967	3	0	3	70282.7	274933.2	149630.7
842.5764	29.75617	29.72467	29.77283	6	3	3	55212.75	458672.5	69395.06
775.1872	22.99133	22.928	23.01883	7	3	4	488477.4	1077792	1679027
518.3248	27.088	27.06833	27.15783	9	5	4	724580.6	4509186	4162134
352.106	16.68717	16.64683	16.70467	7	3	4	152256.1	762283.7	959502.7
736.2111	29.215	29.2	29.25767	4	4	0	232535.4	251219.1	125421.2
287.2221	33.46175	33.40883	33.5045	10	5	5	1502642	9300451	8975853
538.3209	42.67542	42.57867	42.76333	6	3	3	558876.5	1351460	725562.8
255.1596	16.69	16.65583	16.724	10	5	5	3277117	22605568	22714965
349.1103	27.3695	27.28533	27.40283	5	2	3	45770.96	115219.7	169339.5
341.6823	10.85763	10.80215	10.93685	8	3	5	4680428	7161297	12627301
227.056	13.67483	13.46135	13.78467	8	2	4	208670.2	715141	1037079
454.599	9.195542	9.101033	9.280533	4	3	1	1573036	1498128	792810.7
395.318	18.93867	18.90983	18.967	10	5	5	1601073	8083606	8115614
183.0364	20.75867	20.629	20.80217	5	1	3	4158220	7479495	11539059
554.2884	30.3745	30.34033	30.4615	9	5	4	341397.9	1221373	1323667
555.3221	19.76117	19.725	19.887	8	3	5	165658	475999.1	533918.5
569.5008	30.37033	30.32533	30.433	10	5	5	3509073	10828521	8558629
352.306	34.66817	34.5805	34.6865	5	2	3	33468.91	127540.4	152191.8

351.2591	19.54383	19.49117	19.56167	9	4	5	249072.9	437602.6	668745.3
331.1578	25.967	25.92817	26.00483	6	2	4	46016.35	108184.7	128312.2
356.2291	22.37775	22.27817	22.4	6	2	4	43340.78	93494.05	107659.1
559.0913	24.32792	24.22367	24.34267	6	2	4	60619.34	105195.7	186658.5
289.2377	35.07917	35.0125	35.11767	6	2	4	57579.39	350703.1	195699.4
387.9993	15.90678	15.81567	15.95405	5	1	4	100243	413718.6	689264
184.1698	15.13518	15.1133	15.25612	8	3	5	101441.7	517006	589517.3
358.1319	21.12367	21.11167	21.15517	5	2	3	205872.5	527019.4	702772.9
182.1545	9.565117	9.444983	9.596683	5	2	3	2759037	10281486	9054546
283.1315	26.22817	26.173	26.30383	7	2	5	135766.6	258213.4	202528.7
151.0755	25.78725	25.71833	25.822	6	3	3	117588.2	375170.5	254969.4
333.2662	9.518825	9.47815	9.545617	4	1	3	15462685	14420572	23286425
358.2018	30.43342	30.34733	30.48133	8	3	5	99718.73	370454.2	188987
312.9797	22.97467	22.928	23.01883	10	5	5	2273202	7500981	11447479
292.155	10.12157	9.970683	10.1405	4	1	3	130511.6	328140.5	402488.4
167.0705	21.4455	21.3015	21.4785	9	4	5	377128.2	1692032	1533035
516.9762	32.107	32.0875	32.19283	5	1	4	43576.64	71356.96	134582.5
464.6716	30.91467	30.8925	30.9515	4	1	3	569303.4	985148.2	2106210
433.2421	21.50383	21.46017	21.52233	7	4	3	975835.8	2075203	1764877
583.2395	22.136	22.1015	22.14983	5	2	3	1013603	2094827	3241087
332.3163	23.3125	23.25133	23.326	6	2	4	79008.98	121230.6	105342
482.0203	20.45217	20.4115	20.47867	5	2	3	536829.6	1652895	2801929
542.0928	33.29417	33.22817	33.32083	5	1	4	136962.5	334498.6	725353.8
400.4023	10.39901	10.34715	10.4545	6	1	5	412484.4	729651.7	794587.8
592.8936	10.14666	10.0312	10.15697	4	1	3	195221.6	192550.1	295580.7
279.1596	26.984	26.94683	26.99883	5	2	3	257509.7	1971011	642101.7
325.1916	11.37145	11.298	11.42132	5	1	4	77444.83	125114.8	106965
348.5142	9.518825	9.47815	9.545617	4	1	3	15358108	13356582	21389443
297.1345	32.144	32.07267	32.175	7	2	5	236135.3	607178	962599.2
541.4299	36.30717	36.29117	36.45567	10	5	5	595418.5	3043729	1699792
511.1651	29.66617	29.593	29.695	5	4	1	49509.15	191445.1	171566.9
302.2695	25.3755	25.32617	25.43733	8	5	3	531406.1	1340049	2128024
819.5598	10.60902	10.55748	10.63617	5	2	3	394850.9	317299.3	505268.6
389.2693	30.50875	30.48583	30.597	6	3	3	57746.02	171493.7	198123.4
273.2985	28.23633	28.168	28.27067	7	5	2	68789.55	150004.6	89055.32
217.1048	7.130092	6.861183	7.270233	6	3	2	722770.7	7540946	5440006
658.3451	41.23733	41.178	41.23783	5	3	2	43903.18	107866	81499.09
341.1807	10.85052	10.80215	10.93685	9	4	5	11946241	21412244	37387943
491.2997	9.193308	9.101033	9.266617	8	5	3	20680220	71561822	65980629
416.8215	44.80508	44.78667	44.97217	6	2	4	49551.02	420855.1	97511.2
570.422	32.18933	32.16233	32.2205	10	5	5	2387648	10663707	12112661
394.3148	18.93867	18.90983	18.967	10	5	5	13436735	75649723	72512136
541.1574	10.7167	10.64958	10.75237	7	3	4	26237608	62301114	1.29E+08
498.1246	11.05848	10.86645	11.13185	4	1	3	191412.9	368859.6	754198.4
576.2939	29.18433	29.1255	29.18517	3	3	0	177339	267254.1	382864.7
475.0308	22.98383	22.928	23.01883	9	4	5	1310105	4148910	6309802
918.602	31.469	31.4335	31.51383	6	3	3	41478.32	67842.12	47686.94

530.84	16.95933	16.929	16.96783	4	1	3	129967.9	408451.4	858126.7
317.1365	19.51717	19.3355	19.53167	9	5	3	351762.8	1793242	2336973
651.105	10.69338	10.63273	10.77118	4	1	3	289894.8	309449.7	602150.2
605.1479	22.99367	22.9685	23.01883	6	2	4	161415.8	520973.8	721756.9
511.4095	9.14945	8.823117	9.231383	9	5	2	3627413	3265644	3384202
430.168	14.84508	14.83243	14.87695	3	0	3	76045.46	224677.1	388942.8
243.2318	23.764	23.69233	23.80217	4	4	0	57695.68	256387.9	375115.6
285.2542	15.55714	15.53405	15.6324	10	5	5	355732.4	1192033	1509031
572.2448	27.09533	27.03167	27.135	4	1	3	72603.71	273270.2	366426.5
741.2272	41.17825	41.1335	41.23617	6	2	4	55686.36	131220.2	100871.6
186.5667	29.5	29.432	29.58383	8	2	5	547675.6	1417012	2915018
1115.605	10.67828	10.66473	10.77118	5	1	4	4872741	5504328	11234087
527.3987	32.24275	32.2235	32.28017	10	5	5	346229.6	1522088	1810425
530.3813	10.95068	10.91052	10.98405	7	3	4	120449.1	275108	250832
402.291	28.717	28.68767	28.71933	5	2	3	66567.24	219560.9	177040.4
717.4703	9.489217	9.3803	9.596683	8	5	3	38287736	80875712	97749056
685.3911	8.802525	8.58785	8.86925	4	3	1	102049.3	154003	203707.6
318.2085	19.36892	19.32383	19.41817	10	5	5	1769582	7368894	8585502
368.2119	18.09383	18.06167	18.1585	6	2	4	74272.2	255483.1	236605
340.1407	13.0153	12.93312	13.05092	5	2	3	157423.1	242214	433689.6
594.8936	9.405933	9.36625	9.43065	4	1	3	3700989	2979014	4019253
468.3692	20.12425	20.07783	20.3295	4	3	1	54861.14	150085.4	192659.9
552.4171	12.59692	12.55463	12.6188	5	2	3	39477.41	82852.53	102704.1
745.5338	21.47717	21.35633	21.50867	7	4	3	238672.8	661591.2	677450.1
315.1963	14.57787	14.55197	14.67673	5	2	3	271624.5	1471584	1752140
212.1649	15.1499	15.10643	15.25612	10	5	5	247864.9	1254682	1404902
396.1305	19.7045	19.522	19.74033	5	2	3	40365.63	119354.1	169128.2
472.3042	20.4135	20.3615	20.59983	8	5	3	137834	479162.8	462982.4
680.2178	30.9645	30.95817	31.07967	5	4	1	51422.59	251512.9	113011.8
269.2479	30.54367	30.44717	30.55967	5	2	3	265113.8	2012886	1251870
412.2331	23.48783	23.399	23.48867	3	3	0	67182.48	204424.3	262087.2
312.1615	22.74708	22.70783	22.78383	10	5	5	652828.1	1888444	2874064
623.8912	10.84331	10.7482	10.93685	8	3	5	224268.6	289003	431707.4
310.2439	17.2135	17.17867	17.254	9	4	5	366846.4	1459806	1499584
334.4787	8.699883	8.4609	8.7677	5	3	2	170737.9	406845.9	492300.8
659.9702	43.20167	43.1435	43.23317	9	5	4	76509.98	658102.7	132107.4
239.1644	17.43833	17.35567	17.46833	8	4	4	340856.6	2690257	2684789
337.1051	23.58183	23.49167	23.61983	9	4	5	509009.7	1477559	2037168
782.1514	9.511617	9.474117	9.537367	4	1	3	3475942	5637687	12368070
848.5967	36.69575	36.65217	36.74517	4	1	3	20692.41	60833.9	14103.86
853.6036	11.26257	11.2505	11.29537	4	1	3	143647.5	141516.9	206891.8
385.0024	18.13833	18.07617	18.16983	7	3	4	296673.2	1523765	2182022
350.7087	9.081967	8.954783	9.142017	3	3	0	219654.3	309062.4	367973
790.5539	31.88425	31.86833	31.90567	10	5	5	665544.8	2931729	3313914
688.1604	31.023	30.92133	31.07383	4	1	3	181308.3	363506.2	191341.4
515.354	10.79319	10.7553	10.82177	6	3	3	268697.1	479397.3	663422
892.6222	33.92558	33.869	33.95083	10	5	5	341117.8	1627853	1974945

555.0227	27.17867	27.11533	27.20067	5	2	3	99641.23	323445	441588.8
459.2472	23.78017	23.68533	23.79717	9	5	4	622034.8	1465391	2699593
841.5734	29.75917	29.74033	29.80217	10	5	5	188061.9	2108042	425202.4
725.415	41.19317	41.13233	41.23617	10	5	5	127389.7	572825.9	476449.5
360.2443	22.3475	22.31083	22.37883	5	2	3	62877.96	310890.9	202262.5
249.1829	21.54983	21.484	21.58117	5	2	3	135273.4	619946.9	704557.1
416.2156	21.49983	21.39833	21.52233	9	5	4	1372133	3591529	3192961
344.1578	29.34433	29.24733	29.38067	7	3	4	338475.3	1941223	1802107
317.231	25.90217	25.8205	25.9325	8	4	4	186765.5	522508.4	715723.5
393.3116	18.939	18.90983	18.967	10	5	5	51547500	2.99E+08	2.85E+08
275.2373	28.55267	28.49833	28.59983	6	3	3	115168.8	422977	381569.6
593.8918	9.43065	9.186383	9.55075	7	2	4	31969794	34448120	58959462
376.3048	18.93883	18.90983	18.95317	10	5	5	425364.5	2039393	2044690
480.3091	31.15833	31.07283	31.2445	4	1	3	137138.1	764623.8	566941.3
698.9691	9.510517	9.473767	9.537367	4	1	3	12897901	20564819	29056118
334.2748	19.49408	19.46033	19.5185	8	3	5	518378.8	1388727	1697526
207.1857	24.586	24.57617	24.61617	5	2	3	37177.57	131488.6	112271.6
411.239	9.663817	9.365883	9.76485	6	5	0	2236736	2756938	3039475
433.3192	34.068	33.84567	34.11217	9	3	5	306647.6	977349.2	1265281
1063.675	29.17742	29.15517	29.2705	6	3	3	434937.9	726591.5	1240137
228.0447	21.69342	21.57183	21.74217	8	3	5	197734.3	652667.3	791944.4
268.0633	11.8806	11.84128	12.02113	5	2	3	550556.3	1588616	3116131
298.1106	13.0223	12.96243	13.12275	9	4	5	1699880	2993805	4926876
563.378	22.54725	22.49	22.57533	10	5	5	864353.1	2308066	3128455
375.0072	18.1585	17.9835	18.1995	5	1	3	107450.5	439842.4	436944.1
432.3426	39.25567	39.20833	39.2825	4	0	4	211086.9	990730.5	222448.9
520.3331	9.068567	8.92085	9.114417	7	5	2	3816972	6611098	6461450
307.2487	18.30492	18.25767	18.34183	10	5	5	1187707	6727012	8259773
643.4694	17.237	17.22383	17.254	3	0	3	51398.95	92902.94	85732.83
314.281	9.329158	9.08515	9.377433	6	3	3	1549968	2752925	2680688
415.0348	21.15208	21.13817	21.17683	4	0	4	93719.13	237915.4	274825.4
437.2074	29.65433	29.57833	29.712	8	5	3	107487.5	566246.9	481551.3
391.9519	12.75845	12.71343	12.84028	5	1	4	402314.2	1046634	2248033
736.1601	29.24258	29.19917	29.31467	4	1	3	232535.4	207568.6	53140.15
1087.676	29.18517	29.16983	29.23333	5	3	2	771673.3	1790452	3016928
928.623	29.68158	29.66617	29.72733	10	5	5	97714.05	936811.5	193099.9
360.7673	9.185883	8.9037	9.2529	4	3	1	1186962	1887877	3248035
183.0217	21.43525	21.31517	21.46383	6	2	4	2757988	3490717	2667919
507.1735	10.70398	10.63273	10.78962	8	3	5	839092.6	2077406	3405514
434.8768	10.99405	10.85075	11.09677	3	0	3	104788.7	189274.3	364778.9
352.3582	22.37025	22.31083	22.3935	6	2	4	43227.82	91017.01	122760.3
225.6128	9.531333	9.52075	9.537367	3	0	3	4753363	3589508	7261580
295.1755	9.49235	9.473767	9.5558	5	2	3	1952050	2564132	3572626
339.1372	13.03677	12.96243	13.12275	9	4	5	1490349	2655004	4393812
393.2869	19.73675	19.71067	19.8	8	4	4	590501.6	2099839	2662558
238.0731	15.86583	15.80735	15.89132	5	1	4	150422.9	590579.2	953807.8
253.064	11.05917	10.8821	11.1144	8	3	5	2408659	10068122	17337755

334.2384	20.97267	20.846	21.0485	11	5	5	9403262	49964644	43529426
533.0232	18.12058	18.07617	18.158	6	2	4	265554.5	636560.6	1113132
350.0827	19.35375	19.30917	19.37883	6	4	2	43377.07	204221.5	146273
341.6097	29.25708	29.199	29.2755	4	1	3	71841.88	209856.8	252233.9
533.0088	30.777	30.474	30.84967	6	1	4	236032.6	598817.7	955407.7
562.3758	19.18383	19.1455	19.20017	5	2	3	39611.48	83314.54	114209.1
412.1575	24.34283	24.267	24.3575	7	2	5	232322.9	708335.6	955394
494.1001	18.13192	18.089	18.21483	6	3	3	167819.4	485084.2	738405
554.3083	25.47575	25.43583	25.51083	8	3	5	344627.8	775114.1	1402125
389.023	22.10392	22.08717	22.14433	6	2	4	70041.05	229707.9	260118.5
399.0181	22.14983	22.05267	22.201	7	2	5	276878.6	1286205	1812733
715.3347	33.728	33.68233	33.75883	5	3	2	54551.82	128775.4	175402.8
444.0772	28.015	28.01383	28.02867	5	2	3	47298.73	109944.4	166042.8
848.5959	34.07067	34.00583	34.083	10	5	5	889944	4234952	5124139
442.3895	34.5655	34.51167	34.58683	7	5	2	23651.02	94625.29	50637.72
464.249	43.63033	43.57217	43.7805	5	3	1	86947.38	1456665	695710.7
373.2933	33.92083	33.89583	33.936	5	2	3	88468.64	268816.9	369207.3
191.1644	11.70925	11.57727	11.89242	8	3	4	453837.5	1070598	983678.5
312.9801	16.94642	16.87717	16.98567	10	5	5	6782609	28524010	47705725
392.2074	11.91279	11.8855	12.119	6	1	5	115358.1	477209.7	469206.8
418.3166	40.31183	40.25067	40.3475	7	3	4	691619.2	3632358	3981463
811.3806	23.72775	23.6145	23.7675	6	4	2	111979	308040.7	393493.3
1088.679	29.18433	29.16983	29.31467	6	3	3	456745.3	1042575	1704497
614.4486	32.1255	32.10233	32.16117	10	5	5	2801236	12392431	14296904
342.301	17.53842	17.529	17.5895	6	2	4	99849.16	319443.5	385603.5
411.0084	22.10083	22.03867	22.13033	3	3	0	50145.46	88708.18	121146.1
594.2961	10.70276	10.65043	10.77118	4	1	3	308252.9	445297.4	758055.7
234.2149	24.944	24.86167	24.97667	5	2	3	48675.68	137933	179855.5
284.1862	16.47208	16.40767	16.51398	8	4	4	78295.99	468625.8	442960
500.3797	23.0705	22.98717	23.09017	6	3	3	137213.8	258268.5	302873.4
254.2504	13.11545	13.09522	13.16655	7	3	4	38899.13	130522.3	143830.1
494.2404	17.60433	17.58967	17.6205	5	1	4	128643.1	351039.2	509130.4
517.1369	23.18175	23.10367	23.196	8	3	5	299537	882587.4	1227570
570.4584	36.412	36.36867	36.472	5	2	3	386178.1	3029064	3202669
406.132	18.42417	18.38883	18.45433	7	3	4	329329.8	1349545	1859769
484.3005	9.20005	9.101033	9.236417	5	3	2	13339558	10168299	17360969
170.1654	13.13668	13.10962	13.23298	9	4	5	163140.4	565534.2	692846.7
824.6095	31.41058	31.37217	31.46433	10	5	5	164556.5	836539	430217.1
389.9945	15.9387	15.86012	15.95405	3	0	3	37007.51	98848.95	156514.8
322.2859	18.967	18.9085	18.98483	9	4	5	311404.9	1135213	1295659
280.1628	30.47117	30.34733	30.50117	7	2	5	11766427	50849477	64442295
549.3044	40.2055	40.0165	40.23733	6	4	2	100758	580914.8	678082.3
545.173	10.68608	10.63273	10.75237	6	2	4	437746.8	1090354	1785855
291.1998	10.02258	9.93755	10.049	5	2	3	179038.2	145754.5	171358.2
590.0532	22.13317	22.05267	22.14983	6	2	4	171233.8	382035.1	689934.3
151.1482	21.54983	21.44083	21.6105	7	3	4	75294.49	423601	394413.4
495.8897	31.19783	31.13967	31.2305	3	0	3	87926.27	129414.2	62248.62

211.1525	10.41965	10.3514	10.45412	7	2	5	2868243	10062187	8745494
418.2593	22.58292	22.26717	22.70883	6	2	3	135911.2	568558.7	118926.7
351.2497	8.6514	8.3878	8.66985	5	2	3	304343	862990.4	1067821
549.4021	10.07062	10.01772	10.08285	7	4	3	281459.3	556336.1	784456.8
557.0762	26.653	26.626	26.699	6	2	4	75278.73	130580	193881.1
659.5142	35.1325	35.09967	35.19117	5	2	3	319740.8	3255974	3368573
565.2087	29.12633	29.11083	29.18217	5	2	3	63851.19	173963.5	178013.4
354.0066	16.943	16.88917	16.98567	10	5	5	2432645	9684114	16264611
404.139	26.17883	26.1145	26.22817	5	1	4	42868.18	201003.9	136429.5
1106.616	10.66397	10.64782	10.66922	5	2	3	847254	587631.4	932449.2
426.1371	15.66027	15.61342	15.7074	9	4	5	390446.3	1250345	2143625
250.238	24.93467	24.86333	24.94967	7	3	4	185274.6	537786.5	755796.9
242.0841	21.14367	21.10917	21.15517	4	1	3	54328	115026.8	160645
450.1666	27.24158	27.208	27.35483	4	0	3	30859.67	92987.44	49473.69
366.1367	11.48274	11.45732	11.7007	4	1	3	141651.9	437128.8	646411.6
770.1917	29.12633	29.08283	29.163	5	2	3	135309.2	315800.5	465520.4
531.0404	15.64528	15.59717	15.65558	5	1	4	212553.4	625666.1	1253817
538.3494	26.99883	26.97067	27.03083	9	5	4	135375.3	483493.5	465413.8
228.0959	10.3978	10.33325	10.44835	9	5	4	47839612	93813134	1.64E+08
470.1997	26.65233	26.60517	26.6795	6	2	4	52111.79	88544.06	116796
575.2677	30.93633	30.8925	31.017	5	1	4	191694.3	671590	638286.3
359.0892	24.5985	24.56467	24.66767	4	1	3	47569.8	138172.6	172697.6
437.1891	33.28425	33.25783	33.32083	8	3	5	758107.5	2359439	3812438
277.2163	29.95333	29.90533	29.95983	4	3	1	413743.7	1430731	738576.8
412.7672	23.18183	23.09983	23.20917	9	4	5	43642.38	197258	174249.7
362.2431	9.541233	9.474117	9.572217	5	5	0	7426318	13167087	15178846
543.3763	11.20929	11.17687	11.30227	8	3	5	144566	480088.7	423396.6
348.1807	35.08083	35.02583	35.1035	6	3	3	52449.4	454250.5	317761.3
376.3135	34.3555	34.33717	34.4685	7	3	4	1083883	2640385	1226063
271.087	22.12067	22.107	22.1735	8	5	3	95055.2	221919.3	151716.6
625.2696	22.12592	22.05267	22.14983	6	2	4	2150009	4370504	6790164
304.2641	16.34058	16.30098	16.39957	5	2	3	252813	780729.5	1039365
333.91	16.93567	16.893	16.96167	4	1	3	66002.53	167700.8	304581.3
530.1451	31.6715	31.56967	31.69283	7	3	4	138014.7	427192.1	629534.3
291.1958	35.76767	35.66867	35.785	5	2	3	39128.91	227192.3	67501.7
268.0827	13.73812	13.63752	13.76748	5	1	4	143863.2	517960.2	848530.2
658.4749	32.07258	32.04317	32.08817	10	5	5	2504934	12019342	14026893
543.1385	22.11867	22.03667	22.14983	6	2	4	267728.4	794741.8	1145812
546.4637	21.769	21.64633	21.77133	5	2	3	108186.3	329034.4	337819.4
415.2119	23.54475	23.4435	23.56717	6	4	2	3328445	14511438	16627772
558.4223	16.89217	16.84967	16.9155	7	2	5	138728.4	1343283	1487759
279.1595	30.47117	30.34733	30.50117	7	2	5	65211452	2.85E+08	3.58E+08
362.7998	31.13633	31.08133	31.48817	11	5	5	2318621	5693407	5960259
491.3026	8.745408	8.4531	8.85025	4	3	1	4555565	15473002	21726772
389.9951	18.13525	18.07617	18.18483	6	2	4	149227.7	790650.9	1058092
851.6378	35.04025	35.0145	35.15933	10	5	5	126488.6	991375.7	490174.3
418.0337	21.1455	21.13467	21.15517	4	1	3	103832.1	235427.3	347513.7

537.3174	42.67667	42.59283	42.73217	8	5	3	1832895	4204300	2958148
541.4145	35.47067	35.42017	35.5025	9	4	5	444201	2185815	2490033
672.4933	10.86473	10.806	10.87913	5	2	3	643809.4	822191.6	1342166
465.3427	32.29125	32.26967	32.32533	8	3	5	142632.3	488788.7	541315.5
925.2808	10.68993	10.63273	10.75237	6	2	4	993352.6	2178019	4425699
430.7897	21.25975	21.1695	21.2755	8	3	5	185139.1	391233	650975.4
287.0819	21.68633	21.5865	21.7275	6	2	4	375906.9	1626329	1633914
350.1063	31.00867	30.979	31.06583	5	2	3	103761	173471.3	269526.3
633.0612	34.96208	34.9395	34.99983	4	1	3	23931.05	82809.56	85153.57
621.2699	29.14417	29.1255	29.18433	6	2	4	57996.71	115612.3	164233.6
313.1921	14.55006	14.46363	14.59203	6	2	4	61817.25	137127.4	160252.6
332.2226	14.02423	13.96152	14.0592	4	1	3	127242.4	745677.7	581667.6
474.298	38.61817	38.61683	38.62683	3	0	3	78896.63	177024.3	28458.41
511.1812	10.40768	10.37973	10.66553	8	4	4	572519.6	828624.4	809370.7
431.1159	15.65998	15.59003	15.68465	7	3	4	128049.5	433459.6	812976.8
294.207	14.80298	14.76275	14.90665	7	3	4	101397.8	541871.3	494550
328.9358	13.34403	13.22265	13.35967	7	3	4	431019.6	1695331	3034167
285.0788	19.57117	19.515	19.58533	7	3	4	110557.6	470314	598963.2
499.9367	16.96	16.893	16.96783	6	2	4	196265.3	585811.1	1221704
369.2714	9.52155	9.4881	9.5558	4	1	3	5410326	8494028	13319160
401.29	40.31083	40.26633	40.363	8	4	4	521417.9	2578664	2895238
426.3945	32.88858	32.85867	32.94183	8	3	5	95111.09	305592.5	311322.7
327.2855	9.187083	8.9705	9.460417	9	5	3	11750120	27779533	20437661
592.2398	28.533	28.5135	28.571	3	3	0	52774.25	204747.7	176660.7
646.4805	25.24067	25.109	25.3595	7	2	4	160778.3	799452.2	879682.4
526.2936	29.064	29.01	29.12267	5	2	3	680286.8	2551797	2563007
834.5809	21.082	21.04633	21.12583	5	2	3	169350.7	780954.1	855454.2
602.4121	21.39517	21.31517	21.4365	9	4	5	181426.6	496533.1	595921.1
217.1803	20.43817	20.3965	20.56367	7	3	4	513114.7	2251602	1526748
496.364	19.93558	19.9225	20.05783	10	5	5	406118.8	1276844	1341561
593.3902	9.391058	9.186383	9.460417	6	2	4	47056296	54234980	96316542
431.0057	22.99025	22.98083	23.01883	6	2	4	149605.3	445507.2	701903.4
280.2638	35.68933	35.67817	35.714	9	4	5	176293.5	694769.9	809721.5
239.1281	24.59625	24.5315	24.60883	6	2	4	335756	1769690	996668.1
433.1317	14.54815	14.27835	14.61573	9	3	5	1176753	4647381	8169235
384.5565	27.50967	27.44283	27.52983	4	0	4	40895.29	105232.6	152115.1
514.3597	21.06517	21.02017	21.08183	5	2	3	111590.6	415084	476352.4
718.5217	7.281467	7.207417	7.29805	5	2	3	468090	328510.5	329824.9
406.8399	9.6661	9.3228	9.751083	6	3	2	719981.4	583029.8	652470.9
665.2934	22.12592	22.05267	22.14983	6	2	4	935619.3	2079139	3186419
398.1659	37.00783	36.99183	37.03467	3	0	3	91129.93	448732.1	141124.9
209.1653	9.187083	8.904467	9.280533	7	4	3	7204398	21864044	14729499
519.139	42.74367	42.67717	42.74867	5	2	3	76028.9	524178.7	216706.9
505.3141	28.79	28.76083	28.81017	5	2	3	33989.05	85352.15	77716.84
242.0532	22.98233	22.928	23.0335	10	5	5	656698.4	2333484	2709768
630.7653	16.943	16.9215	16.97683	4	1	3	73670.29	181824.5	385917.1
724.5932	30.65475	30.61667	30.66617	6	3	3	838465.6	1712030	1219878

305.2116	33.0595	33.05117	33.1135	4	0	4	720965.9	2663993	3489162
615.4419	43.45942	43.44017	43.50017	10	5	5	303605.5	3448148	925628.2
441.1276	13.20193	13.16952	13.22683	7	4	3	87700.32	321822.4	349942.3
896.4157	25.60925	25.57583	25.64467	10	5	5	437016.5	1222899	1598597
771.4081	9.534967	9.488017	9.57335	5	2	3	16703601	28803763	42171787
536.3716	34.3025	34.234	34.41283	8	4	4	318958.6	1936298	1374105
286.1081	14.67448	14.62222	14.79963	10	5	5	1606935	11765704	11462507
470.3751	15.87836	15.82778	15.92422	8	3	5	204644	389981	492700.2
314.2696	26.81708	26.77933	26.87017	4	1	3	69020.21	374196.3	352383.2
255.0706	19.23467	19.21983	19.24367	5	3	2	43291.44	143125.4	91573.26
359.807	9.527133	9.47815	9.543383	4	1	3	6542891	8886630	17490855
457.1977	15.0017	14.96548	15.02647	4	1	3	41112.88	75130.76	73913.49
434.3317	23.17983	23.10367	23.19433	5	2	3	29098.52	100325.4	72063.05
313.9835	16.93092	16.893	16.97683	8	3	5	965423.8	3405901	5987859
413.2781	13.84645	13.79135	13.8838	6	2	4	178572.7	555865.2	654744
311.1581	22.74633	22.70783	22.78383	10	5	5	4835268	17208709	24026031
356.1978	28.11783	28.04433	28.14683	5	2	3	47753.85	106456	132222.6
224.1192	18.9245	18.90983	18.96767	7	2	5	437606.3	1573165	2068667
682.3643	41.193	41.16333	41.25083	9	5	4	194644.4	1336812	977473.6
351.1738	35.19083	35.14433	35.22067	7	2	5	101540.1	354478.2	432066.9
375.9857	9.52075	9.473767	9.537367	3	0	3	8180356	9666365	19441616
504.3062	28.3985	28.34867	28.52867	9	5	4	206971.8	588342.6	771922.2
319.201	19.36417	19.32383	19.39583	9	4	5	360313.2	1181228	1362140
503.2434	20.42283	20.382	20.59983	5	2	3	82968.3	80688.46	92933.89
484.9183	22.07917	21.7505	22.136	7	3	4	70912.45	127055.5	99281.23
244.2639	25.61292	25.577	25.62817	6	3	3	48106.96	111448	119628.3
370.2595	13.5386	13.45678	13.58083	6	3	3	160649.8	769091	683315.5
395.9904	18.153	18.1035	18.16983	9	5	4	237408.6	1305205	1389411
365.3095	39.98342	39.89267	39.99683	6	2	4	68785.63	308221.2	238188.2
530.9937	32.1315	32.07333	32.13533	3	0	3	59836.91	77442.5	167983.8
506.1704	10.69325	10.58428	10.77118	7	3	4	4388379	12266457	21450786
556.4493	38.66917	38.61683	38.77433	7	3	4	65191.48	270581.7	141436.5
387.126	26.63917	26.601	26.69383	7	2	5	160455.5	578188.6	763739.3
622.8988	10.84151	10.7482	10.9188	10	5	5	628137.7	975251.7	1445818
330.9566	13.7406	13.6964	13.782	5	1	4	310703.4	1026589	2038663
350.1056	18.83467	18.7745	18.87783	7	3	4	1867043	3315205	6920330
476.3375	20.29067	20.28117	20.43133	5	1	4	90536.16	350051.8	155084.5
350.2333	14.55197	14.48403	14.66112	9	4	5	461813.4	3072440	2937700
833.4755	9.395833	9.337217	9.543383	5	3	2	737920.2	567001.3	629752.3
1007.772	27.649	27.40283	27.76167	8	3	4	186722.8	1465286	1409946
437.7399	35.17592	35.147	35.21983	10	5	5	104791.3	461954.5	406734.3
224.2189	15.63067	15.62647	15.67423	3	0	3	27227.17	107649.7	119589.3
300.2902	36.23975	36.19983	36.3255	10	5	5	391015.8	2484828	1494453
410.3382	18.93917	18.90983	18.98183	9	4	5	247065.2	1034999	955592.8
287.1115	22.48925	22.4575	22.542	6	3	3	48123.78	209009.2	90663.94
730.1387	30.51367	30.45967	30.562	5	1	4	84175.46	112593.2	223482.5
702.5375	35.07	35.03033	35.09983	7	3	4	1031589	10803749	11459796

407.2914	9.778292	9.7121	9.925233	8	5	2	878199.1	1957344	1934331
504.9551	11.05848	10.8821	11.1144	4	1	3	101724.6	160501.5	349610.3
363.194	38.14633	38.093	38.22217	6	1	5	62420.97	228074.9	81423.58
734.9819	22.15117	22.1215	22.17817	3	0	3	72152.34	163547	305387.9
322.0252	17.14583	17.06583	17.16383	3	0	3	65456.35	166647	121070.1
645.4772	25.24708	25.168	25.33417	10	5	5	555852.5	2863659	3333908
436.2545	43.61692	43.57467	43.651	4	1	3	208316	3990879	827946.8
402.259	29.63942	29.57833	29.6805	6	3	3	109179.5	278051.5	192499.4
559.3896	21.24083	21.1695	21.28517	5	2	3	41946.66	73835.35	101987.6
371.299	33.17417	33.13983	33.222	5	2	3	212517.4	4036321	3127940
748.5434	28.79	28.75783	28.795	9	4	5	603058.4	2749928	3253669
316.2277	25.88608	25.80817	25.9325	10	5	5	1052256	3495059	4662851
442.4167	35.16858	35.14667	35.235	10	5	5	1206488	4926964	3715471
454.8491	9.91125	9.837283	10.08655	8	2	4	653945.6	815330.7	1060850
386.3811	23.25558	23.23817	23.31067	4	1	3	207372	425909.2	482373
214.09	15.63641	15.51292	15.78272	10	4	5	353210.3	2071444	984238.4
239.184	25.78433	25.71833	25.822	5	3	2	67667.81	255005.4	164469.9
746.5276	31.94242	31.92633	31.9765	10	5	5	1365376	5970686	6853265
235.1268	19.36892	19.32383	19.41817	10	5	5	814010	2911653	3437799
571.4981	29.111	29.09717	29.22633	5	3	2	64636.02	158986.6	183287.8
271.1141	10.72183	10.6177	10.76105	7	2	5	1672518	4062623	6778881
360.1812	28.795	28.66667	28.95133	9	3	5	935872.6	8886824	11890434
892.42	27.53033	27.4865	27.59083	4	1	3	38198.13	87097.01	107939.7
553.0031	19.35092	19.28517	19.37217	8	3	5	304734.1	923832	1495537
564.3815	22.54783	22.47367	22.58667	9	4	5	124787.4	290741.3	390578.7
591.3093	10.63273	10.59208	10.77118	5	1	4	621035.1	436620.7	635199.7
515.0458	26.63983	26.601	26.67933	7	2	5	193729.9	632186.7	855589.5
335.2448	9.208883	9.101033	9.266617	6	4	2	1273394	2895030	2165393
302.2694	24.21	24.195	24.29617	5	2	3	115263.1	854500.3	978036.2
163.0755	29.36933	29.2755	29.41	8	4	4	2158859	14088854	11833721
315.1099	20.44333	20.4255	20.6345	6	2	4	169596.5	457777	623456.9
493.2613	23.29708	23.26583	23.32617	4	4	0	36490.58	86541.44	67021.92
270.151	16.928	16.89817	16.94617	6	3	3	65461.16	160177.2	202822.1
421.3163	32.32075	32.2815	32.35533	6	3	3	92659.53	369932.9	343423.9
559.0913	20.93317	20.599	20.99367	7	2	4	440549.4	2832628	4229269
344.9725	15.89331	15.85927	15.90558	6	2	4	313801.9	1368800	2696268
290.8895	2.165333	2.004783	2.440967	9	5	3	175102.7	1294988	576677.6
572.3358	30.57367	30.56033	30.66183	10	5	5	269947.8	1240987	1177745
429.0263	18.153	18.089	18.1585	7	3	4	203811.9	1108514	1450500
466.025	17.28083	17.2105	17.3295	5	1	4	112328.2	382028.1	758871.9
681.9836	43.10142	42.97317	43.174	6	3	3	65840.43	386466.5	207194.7
910.43	28.94408	28.8675	28.98033	4	1	3	60411.64	133409.9	185968.5
493.2977	9.197542	9.101033	9.21955	4	3	1	974094.2	3092096	2620389
458.1644	10.70767	10.63273	10.75237	5	1	4	373832.9	958249.3	1557964
217.0525	15.87836	15.78665	15.90692	8	3	5	188906.7	1022984	1440489
478.1895	24.49217	24.41317	24.50533	6	2	4	67377.23	172918.3	252876.5
274.2535	19.42292	19.41317	19.46583	8	3	5	159611.2	470448.6	548217.1

315.1099	21.13817	21.07017	21.17	7	2	5	239218.4	696854.8	977170.4
387.9996	18.1435	18.089	18.16983	7	3	4	395167.8	2267221	2971659
342.2434	25.14167	25.1035	25.18283	5	2	3	64764.88	184599.6	232110.5
584.0775	13.22147	13.1811	13.23695	4	1	3	76263.09	164972.2	342404.2
376.3137	34.8445	34.80733	34.952	10	5	5	2565517	7476249	3427014
425.7852	10.41382	10.39345	10.45412	8	3	5	927162.8	3512390	4076958
363.188	12.76533	12.70247	12.80665	4	1	3	123726.3	539037.8	479325
314.2387	28.43133	28.40317	28.44683	6	3	3	120777	391422.2	505909.4
395.1002	33.51817	33.50617	33.58233	4	0	4	56365.76	171045.3	193948.5
349.1937	9.506667	9.43065	9.537367	3	0	3	2661689	6274046	7332991
393.2419	18.9985	18.96767	19.0115	3	0	3	186111.3	521661.8	514843
394.3167	32.28383	32.23883	32.30833	10	5	5	177379.9	821206	903554.1
213.0405	11.07457	10.8821	11.09513	6	2	4	336979.2	1044353	1963066
376.8155	34.841	34.80733	34.952	10	5	5	1283225	3284962	1550028
288.2541	22.327	22.08617	22.51933	11	5	4	1489740	2345608	1722664
410.2353	9.6609	9.61695	9.7372	5	3	2	33974288	55810763	62281378
396.9459	29.64058	29.57833	29.6665	10	5	5	135649.9	730753.8	665954.7
335.2417	20.988	20.846	21.03617	11	5	5	2084760	10156679	9236335
597.4706	9.055217	8.9037	9.089017	5	4	1	648473.1	942419.8	799311.6
582.2498	28.56208	28.50517	28.67283	10	5	5	317681.8	1281947	1573103
412.9045	16.973	16.893	16.98333	5	1	4	100312.2	274287	553255.8
458.9108	16.95233	16.9075	16.98333	7	2	5	295840.3	961806.1	1993833
276.2176	21.769	21.69167	21.82167	7	3	4	73313.17	361961.7	249218.6
457.0983	30.79167	30.74683	30.82083	3	0	3	100730.7	494142.5	152710.2
493.2366	18.946	18.90983	18.96767	8	3	5	1188634	3422273	4657846
549.3157	32.1315	32.10017	32.19283	7	3	4	1498563	3260787	4210036
513.1667	17.97217	17.91433	17.99933	7	3	4	73019.66	156272.4	163705.4
324.2753	18.31425	18.27233	18.35017	8	4	4	229977.4	1106575	1416979
537.3748	34.29217	34.234	34.44067	7	4	3	82911.84	411221.7	316313
469.2564	18.13625	18.04133	18.14683	4	1	3	104988.2	279630.1	362113.2
314.3057	38.91133	38.87283	38.94433	4	3	1	53220.34	383468.6	343547.9
297.1857	14.02048	13.93198	14.11172	9	4	5	105308.6	398049.8	509266.9
461.1479	10.67897	10.64782	10.77118	5	2	3	521892.8	1248745	2073791
391.1013	22.753	22.71833	22.79233	7	2	5	161421	437129.1	544245.3
335.1123	19.34483	19.326	19.37867	7	3	4	116761.6	481389.2	551912.4
632.9821	26.6545	26.65017	26.67933	6	2	4	109573.5	264180.3	361883.7
676.4856	9.905517	9.858417	9.918383	5	2	3	209815	381476.5	496990.6
517.1373	21.51408	21.48933	21.52233	4	1	3	134911.8	226467.3	320173
523.8027	29.14083	29.111	29.22633	7	3	4	84485.27	294708.4	307477.9
578.3779	9.415217	9.387533	9.474117	5	2	3	1989298	2211082	2589778
465.6727	43.07333	43.01	43.101	8	4	4	59010.23	459461.3	89345.55
850.6022	34.07483	34.068	34.083	7	3	4	102931.3	392912.9	505198.1
151.0325	11.69103	11.6697	11.72923	3	0	3	130478.4	678613	778563
683.3678	41.1935	41.14883	41.25083	9	5	4	82591.2	380306.1	358917.3
166.0865	14.67755	14.62222	14.78443	10	5	5	625385	4454213	4631995
545.1538	10.65043	10.63273	10.69263	3	0	3	536001.8	1162811	1804380
450.1999	10.69086	10.63273	10.75237	6	2	4	3196782	5058633	9839523

849.5992	34.07067	34.00583	34.08933	10	5	5	376021.9	1830397	2263638
476.174	19.83067	19.78817	19.939	7	2	5	206527.3	505349.4	809858.3
303.1967	10.68849	10.63273	10.75237	8	3	5	701741.1	2597481	3463035
352.0111	16.93967	16.87717	16.97683	8	3	5	108608.3	338335.6	634053.3
433.2058	15.04007	14.98237	15.1654	10	5	5	406346.3	1673146	2112382
521.3363	9.084708	8.92085	9.2572	6	4	1	775076.7	1371751	1278024
212.2967	9.537367	9.52075	9.545617	3	0	3	5898831	9152041	18896058
407.1056	17.25867	17.2395	17.28367	4	1	3	36239.32	91753.24	171857.8
603.3421	8.848567	8.641617	8.989483	3	3	0	95814.09	241480.7	258527.9
492.3033	9.210858	9.101033	9.280533	6	4	2	4195275	14635525	12154623
313.2855	26.07042	26.02683	26.09767	10	5	5	361338.9	1164718	1163217
723.5899	30.662	30.61667	30.71367	8	4	4	1851327	4210431	3100215
729.3667	20.64217	20.61367	20.71717	5	2	3	137059.2	342527	471043.5
286.2575	15.56165	15.55713	15.5829	4	1	3	41995.78	112042.9	136775.5
483.1447	19.57992	19.54383	19.65933	8	3	5	403311.7	1029679	1557718
347.2796	33.01367	32.9965	33.082	5	3	2	124020.9	324567.8	459756.3
511.9766	19.33717	19.28517	19.37867	7	2	5	303182.1	823809.5	1359672
280.5181	30.47117	30.34733	30.48583	5	2	3	233851.7	961542	1265316
335.2782	19.49483	19.48167	19.536	6	3	3	98419.92	211515.1	254245.7
652.5009	43.71275	43.69117	43.73267	6	2	4	57752.05	399496.5	135304.9
1034.801	30.96567	30.9325	31.13867	10	5	4	358414.9	1337883	274227.7
422.2364	29.6515	29.55367	29.681	7	3	4	235951.7	1099067	1012901
301.2166	33.02217	32.989	33.073	9	5	4	633566.8	3005423	3478014
413.2189	22.119	22.05267	22.14983	6	2	4	421040	1059436	1375846
313.9831	22.98917	22.97417	23.00417	7	2	5	295770.1	753559.6	1151697
421.3358	39.74258	39.66433	39.79133	10	5	5	119661.2	914156.5	418961
415.1745	23.19817	23.181	23.20917	3	0	3	13005713	29426399	31012432
339.9403	17.72183	17.61917	17.7365	5	2	3	46467.55	198034	207069.8
665.5006	41.40775	41.252	41.50483	6	2	3	114655.8	1266637	650834.4
354.2642	23.38158	23.2955	23.41283	6	4	2	455732.7	2252563	2849802
624.2665	22.1215	22.03667	22.14983	8	3	5	6406509	14459962	22234200
392.2701	29.07117	29.03567	29.08867	4	0	4	155046.7	615088.8	105014.4
490.1717	20.7015	20.61367	20.97767	7	2	3	847240	2562260	3556695
409.3363	36.51967	36.50117	36.55267	5	2	3	22708	65756.38	35229.47
244.6325	18.93883	18.92367	18.967	7	2	5	171744.1	511836.6	702907.8
373.2343	9.173633	9.0693	9.2529	8	5	3	18087742	54527293	44233805
556.2905	26.72533	26.70683	26.7255	3	0	3	103477.7	237156.9	134767.2
1006.769	27.637	27.48767	27.83517	11	5	5	349800	2623245	2598726
279.102	27.446	27.31367	27.50333	9	5	4	281108.3	1256037	1403568
348.2257	12.52748	12.50047	12.68145	4	1	3	83913.79	349019.5	339463.3
401.5765	29.63675	29.57833	29.68167	10	5	5	135714.3	715857.8	662416.7
510.437	43.29183	43.24817	43.3375	7	3	4	29991.84	160038.4	50616.61
650.2529	43.35233	43.32217	43.39683	4	1	3	12895.16	49676.67	5080.456
261.1812	22.80408	22.70033	22.85733	6	2	3	49779.52	130461.6	112557.2
779.3501	10.67863	10.66922	10.72217	4	1	3	818167.5	1710108	3059975
371.2464	10.43412	10.36523	10.45412	9	4	5	824302.3	2685563	2745406
361.0712	24.92217	24.846	24.95883	5	2	3	66200.56	315716.6	385955.6

402.2073	18.09608	18.06983	18.1585	6	3	3	311272.4	395555.6	493713.5
221.0882	9.68585	9.657717	9.7372	8	4	4	7086041	5655365	9336426
516.913	29.12633	29.09717	29.22633	7	3	4	86942.56	298328.9	301425.3
659.4784	32.05875	32.04317	32.08817	10	5	5	797617.1	3683885	4330692
200.2445	9.515808	9.49235	9.537367	4	1	3	4787066	6412945	9918102
554.1763	42.74217	42.67917	42.7635	10	5	5	1138356	8449315	4036358
279.6474	29.11183	29.11083	29.149	5	3	2	75293.27	274418.3	293425.7
898.4657	41.21525	41.17833	41.25083	6	4	2	53455.94	226854.5	197846.6
499.1911	10.70707	10.63273	10.77118	5	1	4	185149.4	276826.2	486070.3
284.2588	35.356	35.26533	35.36733	5	3	2	53661.24	205005.1	205153.5
596.2505	27.48225	27.4605	27.54433	6	3	3	102972.4	543220.4	496501
377.2636	19.72808	19.71183	19.8175	8	4	4	133183.8	440820.1	572624.2
328.2488	30.10033	30.001	30.12383	6	2	4	65309.26	247591.6	244544.7
552.2661	15.89845	15.8809	15.9483	8	3	5	67229.24	276732.7	197617.3
426.0287	18.10625	18.0455	18.155	4	1	3	68476.71	281733.3	420210.7
702.5013	31.99908	31.982	32.03	10	5	5	1914875	9345439	10812530
411.0942	31.51092	31.47917	31.57267	4	4	0	113650.6	122970.3	68496.85
287.1114	14.67017	14.57787	14.79963	9	4	5	246780.5	1347730	1416151
645.979	25.24417	25.1385	25.33417	10	5	4	439280.6	2258459	2698469
417.312	24.53683	24.502	24.5795	6	2	4	77475.68	156189.5	284775
381.0536	14.68502	14.65523	14.71322	5	1	4	143422	485099.9	855594.2
521.2845	27.48667	27.475	27.53083	5	2	3	226823.1	739063.7	1034769
453.1842	24.34267	24.2465	24.35717	9	4	5	1330743	4655575	6521712
361.0715	27.14675	26.84917	27.20067	10	3	5	509320.9	2093680	3079740
511.4344	33.3325	33.30233	33.37067	7	3	4	208500.1	513135.4	431060
324.0357	12.72863	12.72005	12.7294	4	1	3	133533.9	330323.7	604547
660.4813	32.05867	32.04317	32.08817	7	3	4	156077.1	595463.2	726589.6
555.1674	22.1215	22.05267	22.14983	8	3	5	350941.3	1263582	1724393
461.2805	22.89483	22.82617	22.92417	8	3	5	273666.5	785295.7	957322
491.1751	20.65667	20.61367	20.74433	5	2	3	179030.8	706394.9	945060.6
334.2461	30.4435	30.433	30.47117	3	0	3	222983.4	1615186	743930.5
482.2655	7.091367	7.04415	7.112467	5	2	3	673698.9	668267.2	1273223
508.3765	33.06792	32.98233	33.23217	10	5	5	750555.8	4384451	4442857
549.8173	32.117	32.10017	32.19283	7	3	4	786118.2	1858891	2444453
367.2966	13.45343	13.41623	13.50592	6	3	3	44037.92	145466.4	175432.8
241.0718	15.87604	15.80118	16.16075	8	3	4	269695.1	1280396	1922802
408.9706	13.6964	13.41887	13.76545	7	2	4	499748.9	1556559	3366791
233.0474	21.69342	21.57183	21.7275	6	2	4	111434.7	572074	642743.6
388.3941	41.71667	41.68367	41.7745	9	5	4	41820.15	321046.1	75098.01
290.1894	8.722833	8.4609	8.822367	7	5	2	318242.3	892151.5	886546.7
842.9673	29.19917	29.16983	29.32917	5	2	3	153683.3	369717.9	534406.6
473.0197	22.9685	22.938	23.01033	5	3	2	146911.5	452893.4	607520.9
424.25	10.41965	10.36523	10.45412	9	4	5	56377488	1.84E+08	2.92E+08
532.3275	42.35	42.3245	42.37433	7	3	4	40572.42	201886.3	66488.59
695.5102	9.275633	9.17955	9.394733	6	3	3	4590543	7423606	7760772
483.328	28.56208	28.5135	28.67283	10	5	5	1037658	4790062	4369482
355.0101	16.93567	16.87717	16.96683	8	3	5	348285.1	1230534	2158794

402.3414	21.41017	21.3425	21.50817	5	2	3	67623.02	213231.7	145260.6
571.4253	32.1895	32.16233	32.20567	9	4	5	693518.6	2840195	3371644
625.9307	43.42633	43.411	43.47067	5	3	2	40821.05	343517.8	143805.2
332.2227	26.65392	26.601	26.68133	10	5	5	568423.7	2078788	2372391
467.1636	15.64528	15.59763	15.6775	9	4	5	360372.7	1159389	1975058
624.2813	32.13142	32.10017	32.19283	6	3	3	230157	1064229	924781.7
299.2011	25.88817	25.83717	25.9325	9	5	4	1132526	3892547	5040141
433.8207	34.03158	33.99417	34.07483	6	3	3	133814.4	389687.4	528623.8
277.8107	30.474	30.34733	30.50117	5	3	2	240761.9	1009726	1310103
518.1402	23.181	23.13517	23.20917	5	2	3	75688.61	166713.8	235446.8
486.8077	9.186383	9.101033	9.266617	5	3	2	1743293	2073558	2197753
428.1111	22.4695	22.4575	22.55683	5	3	2	76242.81	224573.3	288398.3
541.4302	28.19167	28.13367	28.20567	7	3	4	249125.3	881525.5	1150323
240.0687	18.12375	18.04133	18.1595	10	5	5	16038013	77255750	1.06E+08
344.3164	34.38275	34.35283	34.45467	10	5	5	124232.4	757440.6	353001.6
626.4845	42.9675	42.939	43.05417	9	4	5	34623.45	173949.7	109109.3
537.1493	42.74733	42.67917	42.75883	8	5	3	50430.3	241204.7	169029.9
301.1045	22.1355	22.06867	22.15067	7	2	5	176287.9	598150.5	721572.4
336.1058	27.26383	27.186	27.28633	8	4	4	124244.9	580082.6	634615.7
573.3752	32.71533	32.6605	32.84617	10	5	5	1097258	4696818	5073479
464.0139	15.84518	15.80735	15.8805	4	1	3	95814.44	199239	268077.4
401.1093	29.637	29.57833	29.6815	9	4	5	79837.4	294295.8	289981.1
494.9576	16.95833	16.8785	16.98333	5	1	4	62633.72	155307.2	315418.8
775.5621	37.215	37.13367	37.27867	5	2	3	55183.06	245414	278716
547.8016	29.12633	29.09717	29.19683	5	2	3	71320.23	151401.7	215077.8
303.2324	23.83625	23.79267	23.87067	4	3	1	97391.63	429791.6	452098.7
468.3455	29.54667	29.52117	29.68067	7	5	2	53606	246807.9	117149.9
458.3675	22.56267	22.51233	22.61883	4	3	1	80588.15	447209.9	559967.3
312.2902	33.50017	33.481	33.54867	4	1	3	26146.06	90065.16	81277.13
546.8769	32.30083	32.2335	32.3515	5	2	3	78549.02	188447.5	141109.7
297.0732	22.92325	22.87467	22.96717	6	3	3	84783.67	351503.8	356403.1
387.0026	15.89552	15.81567	15.9394	5	1	4	162356.4	641436.5	1270373
238.9929	18.12058	18.1035	18.155	6	2	4	54082.73	245972.2	351229.4
310.9847	16.92833	16.89217	16.96683	8	3	5	329329.9	1162286	2076555
584.2216	27.52983	27.48667	27.53083	3	0	3	100437.1	139178.8	178260
496.8853	27.49267	27.4605	27.52983	5	3	2	26006.47	88555.78	98794.8
704.5168	28.79167	28.77283	28.809	10	5	5	1338453	6254892	7372696
434.0043	22.99525	22.928	23.01883	8	3	5	723075.4	2171846	3326126
527.2967	29.0205	29.01	29.0365	3	3	0	180627.4	587704.4	631129.5
593.4288	43.59433	43.57083	43.6235	10	5	5	389054	3977537	1293550
480.3456	28.3815	28.32717	28.50817	9	5	4	135768.2	806743.1	876027.9
289.274	37.8105	37.782	37.8885	7	3	4	510951.3	2759685	2881997
429.8031	29.75333	29.73817	29.7875	9	5	4	71266.85	460791	140097.4
278.1837	26.308	26.24733	26.369	9	4	5	214657.2	875509	647708.2
257.0715	18.1325	18.05717	18.19	9	5	4	373824.3	681200.7	919130.2
472.1081	34.70642	34.679	34.7435	4	1	3	43530.14	87211.52	169873.3
393.1406	19.70183	19.67333	19.7825	5	2	3	170016.7	485868.5	674656.5

432.2466	10.43996	10.33325	10.4813	4	3	1	1495657	928505.7	797794.1
241.0499	22.97467	22.928	23.01883	10	5	5	4316619	22169480	27010770
428.0479	11.06757	10.7506	11.1144	6	2	3	1057541	2470103	5378829
437.2364	8.864275	8.641617	8.933833	6	3	3	1500736	6285084	6875588
350.1419	27.843	27.808	27.86817	6	2	4	67356.8	164696.6	225629.5
211.1121	25.00658	24.96417	25.04833	8	3	5	1788077	4081488	5618131
814.5543	36.78883	36.71217	36.8375	4	1	3	17892.11	45988.93	36739.33
533.1299	18.1435	18.089	18.16983	5	2	3	101398.9	350635	473380
394.2901	19.73783	19.70183	19.8	7	2	5	116533.3	377914.4	459265.4
321.9772	16.98033	16.95067	17.018	3	3	0	65456.35	163244.5	118563.3
356.2801	29.78242	29.755	29.80333	10	5	5	214405.5	1794406	428657.8
395.2209	43.59567	43.563	43.6335	10	5	5	2577247	20120012	19856148
454.4358	9.166275	9.048233	9.322017	6	3	3	15560891	5313836	5730799
377.3083	18.95317	18.90867	18.98233	7	3	4	49900.08	110599.4	107686.6
447.0715	30.763	30.50117	30.84633	5	1	3	61179.5	206780.1	174619.4
467.3234	9.188767	9.116917	9.294367	6	4	2	2846876	4996588	3096948
526.2918	7.224617	7.138117	7.244283	5	2	3	918001.9	811599	1394143
303.1258	28.01417	27.98517	28.02867	6	2	4	83897.32	235721.4	340006.1
310.2092	30.86767	30.7045	31.15383	9	5	4	105904.2	572379.1	330801
1110.628	10.67828	10.64867	10.77118	7	3	4	7714763	7590593	10354297
540.4268	28.19167	28.1485	28.20567	7	3	4	809426.9	3101497	4029011
417.0178	22.1145	22.06867	22.1735	10	5	5	186119.4	800133.1	882313.7
469.164	15.66027	15.59763	15.6926	9	4	5	174110.5	689166.2	987711.2
313.2698	23.495	23.3835	23.597	6	2	3	41792996	26797814	37147713
443.1048	35.17592	35.13233	35.21983	10	5	5	103630.6	455875.2	403967.5
703.5048	31.99892	31.9845	32.04183	10	5	5	714504.7	3086298	3642996
936.9746	18.10333	18.047	18.16983	3	0	3	57867.11	85473.85	127757.5
377.3171	34.8405	34.80733	35.1145	11	5	5	307491.9	650793.4	344611.1
461.8577	9.26545	9.09275	9.325783	6	4	2	2062797	1671274	1950143
334.2341	22.75442	22.71633	22.78383	10	5	5	283878.4	1216751	1388852
585.4407	35.20667	35.15933	35.23583	10	5	5	948929.8	4669882	5487967
587.3396	7.464433	7.425917	7.47935	4	1	3	1181405	903430.1	1937723
589.086	25.68433	25.64683	25.70383	4	1	3	81647.59	107086.6	232718.8
226.1999	15.64116	15.58673	15.72248	10	5	5	784108.3	5321401	5776516
619.207	18.11058	18.06983	18.155	6	2	4	288254.3	522119.9	833018
612.4691	40.693	40.64233	40.71517	4	1	3	22367.19	79860.81	71699.7
327.2648	12.55797	12.52555	12.58962	5	2	3	29501.97	92413.92	72026.94
973.4867	41.20783	41.178	41.23617	5	3	2	421014.3	745463.4	1276576
385.367	23.26733	23.17283	23.40183	7	3	3	666728.9	885834.9	634265.8
273.2213	23.37067	23.2955	23.3925	3	3	0	90558.34	292526.4	265412.2
569.013	18.13608	18.089	18.158	6	3	3	97345.69	368954.5	512242.9
615.452	32.1315	32.10233	32.4835	11	5	5	816202.5	3551706	4316008
652.4133	9.26865	9.1639	9.302183	8	4	4	5338044	5777221	4756763
269.086	27.8825	27.749	27.93117	8	4	4	130259.6	512958.5	505770.6
476.2569	9.44975	9.2433	9.537367	5	1	3	31505746	24440327	29090955
418.3319	28.58517	28.483	28.60983	5	3	2	180311.1	1011850	1067725
519.9015	32.10167	32.08783	32.17667	5	3	2	72942.23	299174.5	401097

384.1838	15.85185	15.84463	15.90992	6	3	3	158279.8	512528.1	967611.8
284.2951	43.79917	43.76917	43.818	10	5	5	123814.5	1119502	347020.2
346.1762	10.84825	10.81753	10.86477	3	3	0	106009.7	166005.2	193284.1
460.0487	22.50833	22.441	22.52717	7	2	5	172095.1	487320.8	706295.3
274.1891	30.441	30.36167	30.51183	6	3	3	79395.49	352276.9	212258.3
509.38	33.05817	32.97683	33.21733	9	5	4	190143.6	999517.6	1027877
510.4009	20.64217	20.605	20.7355	9	4	5	182818	564543.4	585601
299.1624	29.64058	29.57833	29.68167	10	5	5	2051206	9647034	9386404
580.2972	30.8495	30.73283	31.088	14	5	5	1716941	8490878	8142113
476.1346	23.86883	23.80833	23.90083	6	3	3	76315.98	226105.5	305983.2
347.2679	9.7801	9.730617	9.834667	6	4	2	297283.9	590775.2	689036.7
238.0734	18.1315	18.0555	18.1595	10	5	5	889591	3708143	5472195
455.1134	17.67508	17.663	17.70717	8	3	5	291892.1	899207	1328249
336.2256	24.84417	24.80033	24.853	5	0	5	211360.5	848043.7	281980
548.4685	28.1905	28.17683	28.235	5	2	3	91612.8	98344.75	117381.5
443.2392	33.463	33.43817	33.50883	3	0	3	51296.1	283433.5	213159.6
475.3256	9.199533	9.101033	9.266617	7	5	2	1.36E+09	6.2E+09	5.98E+09
934.4982	10.66553	10.58428	10.77118	7	3	4	12371830	14716843	31650383
432.2385	24.58358	24.53833	24.631	4	3	1	1581111	7155412	7291396
492.3522	6.723817	6.609117	6.754383	4	1	3	130371.6	276438.7	546594.5
282.1665	30.74758	30.48833	30.80633	4	1	3	59664.38	160245.3	187535.7
633.0396	22.12217	22.1215	22.1355	3	0	3	96227.87	193194.2	286997.6
629.3855	26.654	26.63517	26.67933	5	2	3	139348.3	319320.8	456603
320.1313	31.06625	31.017	31.11333	6	2	4	118094.7	261079.6	508939.9
497.2361	7.091367	6.947317	7.138183	5	2	3	321696.9	330893.4	511449.2
375.2172	9.311775	9.304633	9.48745	4	1	3	2829714	5762191	6411427
747.5311	31.94025	31.92633	31.9665	10	5	5	503445.7	2121911	2500067
356.9926	19.34483	19.28517	19.37867	5	2	3	87868.8	272906.1	398000.9
790.5547	20.30983	20.24633	20.47283	7	3	4	234038.8	658932.7	699858.1
507.4718	10.73577	10.63273	10.77118	5	1	4	157181.2	319122	676478.4
270.6125	10.68801	10.58428	10.75237	10	5	5	5721799	17336382	31372806
173.0963	11.38005	11.13642	11.56305	7	3	3	112566.8	348505.9	347724.8
540.0779	20.65617	20.61367	20.7265	7	2	5	1183898	3387939	4858406
715.4752	9.479858	9.3803	9.4881	4	3	1	6005557	8664446	8945257
225.1966	15.64753	15.6121	15.72248	10	5	5	5471225	44004711	44912138
629.9123	19.34483	19.31383	19.36417	5	2	3	77381.88	180501.8	327956.3
268.0828	27.8825	27.76383	27.94633	10	5	5	1309642	5446625	5990821
251.1282	14.95883	14.87973	15.07448	8	4	4	224434.2	1350819	1131966
432.3573	9.201983	9.101033	9.290367	4	3	1	1852071	2261525	2123502
166.0407	21.43333	21.42217	21.45483	4	1	3	30376.27	84536.21	83446.43
336.2749	33.7715	33.71167	33.78817	7	3	4	91943.38	402041.5	454671.3
451.2075	19.5725	19.561	19.64167	5	3	2	115560.4	292985.8	382985.9
719.4168	9.730617	9.6898	9.7482	3	0	3	316269	377976.4	590511
416.2157	19.75742	19.7335	19.8175	6	2	4	68631.69	149805.9	85482.55
295.2273	25.50067	25.47417	25.54083	5	2	3	295549.2	2136487	2778785
733.2353	21.07967	21.05233	21.106	5	2	3	238215.8	288627.6	456118.2
312.1264	21.05058	21.03767	21.106	6	2	4	141038.5	550917.1	730396.1

451.8162	29.73867	29.71067	29.75333	6	3	3	74802.3	557482.6	186755.4
369.2197	32.06817	32.04317	32.146	4	0	4	61882.47	207133.4	78701.22
548.0724	20.628	20.61367	20.6525	3	3	0	73725.92	205654.7	231766.7
550.2598	30.95867	30.91283	31.07383	10	5	5	1124028	2555499	4668365
804.5695	34.21683	34.183	34.25717	10	5	5	2168182	10617816	12909857
354.2644	24.48167	24.41317	24.49083	5	3	2	611422.9	2376177	2830401
234.1129	16.16553	16.14437	16.1881	5	2	3	51896.55	266392.2	182185.6
878.6079	31.77767	31.74583	31.89733	10	4	5	84606.62	393345.8	436889.4
805.5729	34.22942	34.173	34.25717	10	5	5	908044.1	4254121	5227036
365.1659	9.53435	9.47815	9.5571	4	1	3	5470685	5932258	8555627
440.3587	28.76167	28.75417	28.78417	10	5	5	4268443	20090880	22501316
548.1302	17.54583	17.50183	17.60417	7	3	4	97919.8	244944.2	331319.9
445.3359	29.964	29.90533	29.98683	10	5	5	145597.8	1190001	313359.7
300.1657	29.6365	29.593	29.681	9	4	5	272803.7	871198.4	813822.1
293.1097	16.589	16.58317	16.60673	5	2	3	44874.69	176774.8	129837.3
341.2439	30.45567	30.36167	30.50017	4	1	3	55125.18	250677.8	64587.98
401.194	17.67975	17.6625	17.71	10	5	5	615042.9	2880154	2626416
487.3421	41.44733	41.4245	41.49817	8	3	5	47040.52	186054.2	126252.6
382.2058	23.791	23.66117	23.82633	7	3	4	196811.7	386231.4	607451.4
248.1689	16.93758	16.893	16.957	8	3	5	81707.45	424914.3	371326.7
557.1732	42.73675	42.6495	42.7635	10	5	5	76224.08	258546.5	226166.1
455.3324	33.94033	33.84033	33.95033	8	4	4	250734.8	944798.9	1255899
889.1457	30.29975	30.24433	30.39767	4	1	3	45270.52	62832.41	137247.5
243.0884	9.7455	9.696633	9.834667	7	4	3	932576	2727628	2744420
330.9903	16.92767	16.86417	16.96683	5	2	3	96271.84	203446.7	140915.7
315.1747	34.64883	34.5525	34.67233	8	4	4	459168.3	1481285	1784493
1035.804	30.93483	30.91917	31.03733	9	4	5	252818.9	820612.7	360119.3
791.558	31.8845	31.86833	31.921	9	4	5	257603.7	1140418	1313031
498.0491	13.73948	13.68192	13.83137	8	3	5	281082.7	845793	1717855
244.1912	15.14996	15.09967	15.25612	10	5	5	449462.7	3006572	2911370
705.5203	28.79167	28.77283	28.81017	10	5	5	522100.9	2030840	2446391
434.1354	14.53248	14.51855	14.55197	4	1	3	198343.6	866028.3	1633724
373.2204	11.89736	11.85592	11.9864	6	2	4	846874.1	2737070	3307109
415.3172	25.935	25.8955	25.976	10	5	5	893720	3220405	3674107
584.4374	35.20583	35.15933	35.23583	10	5	5	2955600	16811951	19205369
692.1799	27.53	27.44817	28.07317	10	2	4	90578.7	338190.1	453569.5
528.4111	28.80783	28.78783	28.82533	10	5	5	4736406	22890777	26115503
432.2051	10.68813	10.56983	10.77118	8	4	4	2094675	4046070	8203974
451.5492	9.193308	9.101033	9.280533	8	5	3	3842527	8449586	5429456
517.0614	20.94833	20.89033	20.99083	5	2	3	400713	2082863	2906208
555.2691	9.187083	9.116917	9.2529	7	5	2	3064920	5114554	5207725
550.7612	30.97967	30.9495	31.07383	6	2	4	550853.4	889437.8	1689858
361.3662	37.34408	37.32033	37.48783	10	5	5	134038	1358024	273460.2
320.2306	25.13117	25.12733	25.14167	3	0	3	1318426	2259379	2574601
512.395	31.89817	31.8845	31.94283	9	4	5	132211.5	581507.8	537033.3
412.2156	22.1215	22.05267	22.14983	8	3	5	2319062	6350403	9045921
315.1363	28.13117	28.04433	28.1765	8	4	4	162032.3	653466	724359.3

776.4542	40.65942	40.6315	40.672	6	4	2	34657.23	175014.9	92814.55
484.3848	28.79292	28.77283	28.81533	10	5	5	4707948	23289637	26231993
407.2256	8.991775	8.92085	9.142017	4	3	1	499888.8	1442646	1940163
246.1493	9.187083	9.101033	9.266617	7	5	2	7157084	30840211	24238751
493.3067	17.58967	17.55117	17.619	9	4	5	226131.8	884075.5	1010648
627.4497	9.915283	9.88085	9.91985	3	0	3	757558.1	328065.5	415897.1
616.4641	28.81208	28.78783	28.82533	10	5	5	3157889	14997790	17451824
877.3828	32.13192	32.11483	32.151	4	1	3	219442.2	278107.8	600801.9
747.5326	34.34017	34.148	34.3985	7	3	4	44850.08	493758.7	140606.2
933.4961	10.67828	10.62815	10.77118	7	3	4	15163837	17636720	37166664
362.2981	31.13233	31.08133	31.172	10	5	5	4640603	14397061	14315235
423.2469	6.401875	6.223433	6.54365	4	3	1	14883742	12886422	20071104
585.4015	13.12235	13.09522	13.16097	4	4	0	40713.05	70108.9	87244.81
288.2537	23.93408	23.81117	23.9735	10	5	5	935473.8	1960355	1803713
538.0824	20.6415	20.61367	20.7015	5	1	4	130592.9	306796.9	445162.8
346.1471	33.9485	33.91533	33.9655	6	2	4	126211.1	290322.5	543998.5
340.3213	35.16183	35.147	35.21983	10	5	5	661451.9	2612492	1970492
320.2042	19.36708	19.33467	19.40017	6	2	4	55441.36	233636	49364.66
351.761	19.5215	19.46717	19.5535	6	1	5	98911.24	177268.5	241941.9
453.8483	9.82	9.155983	10.05278	14	4	5	16053604	24903443	35032084
483.3729	32.30608	32.26967	32.32533	8	3	5	148985.6	645250.3	761238.2
519.1327	23.18808	23.17283	23.1955	6	2	4	109554	355566.8	380255.2
307.2127	10.0083	9.9505	10.04445	8	4	4	1706156	2741589	3985551
634.9975	20.65617	20.64217	20.7015	3	0	3	272965.2	945698.2	1333524
392.169	25.13117	24.87367	25.14167	3	0	3	88162.64	644930.2	259180.5
313.2166	30.25883	30.22083	30.2755	5	3	2	204851.2	871464.7	816160.4
227.2008	35.45583	35.42017	35.5025	5	1	4	328095.8	2251943	2206236
206.1667	31.62867	31.5415	31.69017	8	3	5	75230.95	306038.2	316935.5
516.1361	22.12217	22.1125	22.14983	5	2	3	165961.3	572441.5	795796.5
618.3495	27.36067	27.33933	27.43167	4	1	3	50094.09	264447.9	114268.3
972.9851	41.208	41.207	41.23617	5	3	2	649869.3	1328844	2235617
599.1151	21.03583	21.02167	21.07733	5	1	4	519096.3	2303501	3274690
478.1869	18.18142	18.113	18.189	4	3	1	70268.71	160312.5	178739.1
298.2747	15.99013	15.94805	16.039	9	4	5	164028.4	659010.7	749604.6
347.7796	9.531333	9.49235	9.5571	5	2	3	5024112	7815895	12503898
539.3667	29.5495	29.30117	29.6225	7	3	2	36973.81	207852.3	106342.6
294.1145	22.12217	22.05267	22.15067	7	3	4	211442.2	815978.1	1023489
746.5281	20.1785	20.16467	20.3445	4	1	3	234555	845453.4	896760
182.962	2.179775	2.108667	2.383717	8	5	3	115690.8	1270446	764029.5
380.295	32.342	32.322	32.36517	9	5	4	700452.6	2651489	3920581
495.3282	26.66483	26.63917	26.96717	8	4	3	725074.9	5244013	5432331
342.9772	18.11767	18.05983	18.155	5	1	4	114000.3	552205.3	812408.9
330.9566	13.4618	13.43072	13.46398	4	1	3	330096.9	706097.1	1428949
687.2711	30.26892	30.24533	30.32083	4	3	1	35442.21	121416.3	143010.4
315.9487	23.486	23.44383	23.53733	7	3	4	38380.54	165673.6	198357.3
437.1839	22.37383	22.29433	22.3935	6	2	4	220046.9	609517.6	831324.6
482.3247	27.59008	27.56233	27.6755	6	3	3	595142.7	3824261	3047254

331.0998	26.74042	26.66117	26.7905	10	5	5	244975.9	914630.5	979116.5
797.4392	10.87198	10.81963	10.87918	4	1	3	343091.4	330653.6	672356.8
346.8969	9.515	9.474117	9.545617	5	2	3	2606252	4279425	5797419
429.1561	26.66483	26.63517	26.69383	5	2	3	40683.91	72606.82	75693.67
279.7327	18.11767	18.09117	18.158	5	2	3	44758.96	175420.6	269866.8
331.3291	9.455275	9.43065	9.537367	4	1	3	8850917	9255841	12507541
617.081	25.68617	25.64683	25.69883	5	1	4	262029.3	447174.6	992136.6
438.1971	23.1945	23.10367	23.22467	9	5	4	390076	1429276	1794226
433.2023	10.69325	10.64867	10.75237	7	3	4	714677.2	1449976	2650425
572.4375	28.81767	28.78783	28.82533	10	5	5	4093514	19836892	22852924
344.2629	31.30117	31.18767	31.34983	7	3	4	146012.5	410517.8	415715.1
268.2276	29.12417	29.064	29.16967	6	3	3	158295.1	686492.9	835741.5
549.3751	33.42433	33.34	33.55383	7	4	3	152546.8	706425.1	759167.2
735.4075	7.464433	7.40945	7.4933	4	1	3	1391667	1394406	2988379
470.2869	18.8525	18.57733	18.89383	7	3	4	85614.84	176687.3	86943.27
556.4141	28.8225	28.778	28.83717	7	3	4	106532.3	437783.2	512296.4
234.0717	23.17283	23.16617	23.22367	3	0	3	40865.48	70172	45368.55
313.3667	23.45817	23.40183	23.49167	5	2	3	237988.4	541903.8	709978.1
271.1694	23.53658	23.47267	23.56117	4	3	1	129715.7	965322.4	740827.2
245.175	27.63333	27.50083	27.68517	7	3	4	140704.9	501667.1	507751.9
374.2124	34.4775	34.39883	34.51567	6	2	4	141536	738542.9	481841.5
282.0987	18.13892	18.0555	18.1595	10	5	5	1490385	7146413	10082616
404.011	22.1365	22.02083	22.201	7	2	5	188370.7	632133	889425.5
393.9935	18.1395	18.07617	18.1725	9	5	4	438148	2802228	2917260
662.4967	28.80783	28.77283	28.823	8	3	5	132797.7	495607.7	622260.7
311.2701	18.50633	18.49033	18.51683	7	3	4	49724.26	101561.9	88884.3
197.0808	40.32533	40.26633	40.34167	5	2	3	67957.42	597418.7	151953.7
333.2261	26.66483	26.62017	26.68133	7	3	4	90587.25	325927.2	372330.9
576.0989	14.9039	14.86205	14.95307	3	0	3	42028.06	96766.66	210772.7
343.1994	8.821183	8.58785	8.919867	7	4	3	428505.8	1126138	1018075
300.2441	18.43258	18.38883	18.49033	8	3	5	113546.7	371720	353562.8
455.2951	23.78558	23.68533	23.812	10	5	5	1029820	2694950	4412313
497.3674	19.94108	19.91983	20.0745	8	3	5	130184.6	304238.6	336604.9
357.9691	11.07922	10.72217	11.12732	7	1	5	2036579	7022582	14729885
972.4841	41.19317	41.1925	41.23617	7	4	3	590854.8	1129241	1876514
597.4426	31.51625	31.50283	31.63033	6	2	4	216353	514974.9	701520
367.6003	9.47815	9.473767	9.537367	3	0	3	26325242	30852667	61652349
291.6473	29.21517	29.2	29.32917	9	5	4	185058.7	869078.1	825387.1
355.1944	28.1345	28.05933	28.17633	8	3	5	229825.2	866816.4	995239.3
443.4203	35.16842	35.131	35.235	8	4	4	71006.7	197941.3	145029
526.8514	32.117	32.07083	32.20817	5	3	2	61898.56	290462.5	391252.1
329.2115	32.69692	32.62083	32.74567	10	5	5	854857.4	4346118	5160066
406.8822	11.03735	10.83542	11.1144	3	0	3	74055.98	157992.1	330696.6
407.4	30.1495	30.07333	30.1695	7	3	4	67812.53	205679.9	252332
227.5977	10.3978	10.34782	10.41848	5	2	3	972873.9	1710208	2811676
272.6104	10.75027	10.599	10.75237	5	2	3	344431.8	743296.1	1200804
376.3428	28.34667	28.3045	28.38817	6	2	4	65799.2	237855.4	199592.3

285.1855	24.01533	23.93533	24.06217	7	3	4	373546.7	1967608	2202265
486.1142	27.909	27.85217	27.94167	7	3	4	75442.29	296622.9	340348
217.0527	18.13892	18.0555	18.1595	10	5	5	1268051	6259161	8400773
529.4145	28.80783	28.78783	28.823	10	5	5	1280947	6003953	7056318
402.1974	17.66317	17.64233	17.71217	9	4	5	94128.6	361661.1	291503.6
541.0809	20.65642	20.628	20.71383	6	2	4	247922.1	698719.6	1032123
385.0115	21.67933	21.66517	21.7275	5	2	3	69279.96	181332	254958.4
633.0725	9.5169	9.506667	9.537367	3	0	3	2622263	4632169	9981714
401.3097	29.90525	29.86	29.91383	8	4	4	128005.8	504817	214887.1
353.3417	42.8835	42.7805	42.92583	10	5	5	191461.1	2476627	933678.4
383.1567	23.28875	23.25383	23.353	10	5	5	202023.3	917989.3	1008803
913.2275	22.1215	22.03667	22.1365	5	1	4	189776.3	361436.3	629609.8
581.4325	29.11083	29.07917	29.1375	8	4	4	98671.77	356061.2	359571.1
199.1694	33.46117	33.40883	33.5045	9	4	5	2463178	16221096	14000402
561.0185	18.13292	18.089	18.1585	8	3	5	771259.1	2681826	4325468
562.0209	18.13233	18.07617	18.155	4	1	3	132930.9	483348.9	764246.6
584.1231	33.306	33.2885	33.32083	4	1	3	59513.73	130040.5	253244.8
348.3112	23.59425	23.50217	23.63333	10	5	5	395985.7	1065222	1367630
469.314	39.16367	39.07683	39.22517	9	4	5	65883.3	399978.1	204792.3
307.7146	10.02687	9.957467	10.0476	9	4	4	518448.3	742830.1	1153657
481.8741	27.96158	27.883	28.06933	8	4	4	112632.8	417245.4	435767.7
200.4708	9.522017	9.500283	9.545617	4	1	3	3832861	4945269	7698347
273.2063	32.49733	32.37967	32.53617	10	5	5	13022801	73947279	74703609
508.3467	23.44217	23.38433	23.46133	7	4	3	94124.98	456561.7	371208.9
561.0547	22.136	22.05267	22.14983	7	2	5	251016.8	559854.3	985078.6
584.2081	30.53608	30.48633	30.59083	6	2	4	64772.88	184079.2	259692.8
335.0582	23.91067	23.80967	23.9295	3	0	3	35185.54	78002.72	101329.3
231.1595	22.04908	21.92583	22.2915	10	4	5	307535.1	1824739	1393204
409.3077	10.56941	10.48317	10.63528	8	5	3	481507	1017906	908967
288.2254	33.47033	33.40633	33.5045	10	5	5	233273.6	1202705	1211557
307.5386	23.03933	22.97417	23.074	8	3	5	69378.01	286396.9	343960.2
660.4905	28.80467	28.78783	28.823	10	5	5	2241289	10193235	12117907
341.1374	13.03677	12.97682	13.10903	7	2	5	237842	486677.5	657630.3
309.1265	24.66167	24.63833	24.683	3	0	3	329428.8	1616540	2501991
547.3495	29.2135	29.18433	29.29983	9	4	5	196148.4	1078133	905836.9
347.2311	11.65072	11.62662	11.66192	6	3	3	941772.4	2108456	3301566
679.513	16.32723	16.1361	16.42825	4	0	3	9385317	17470513	13002469
497.3437	30.01767	30.00117	30.1315	9	5	4	2823494	19348119	10624139
176.0086	19.35233	19.29933	19.37867	7	2	5	560860.3	2115656	2886141
508.4673	29.7105	29.68667	29.75267	5	2	3	43839.1	114848.1	97569.96
351.2723	36.99117	36.94733	37.00533	3	0	3	47541.24	213239.7	64133.02
471.3071	14.36816	14.34647	14.40448	6	1	5	135320.3	516761.5	709582.7
483.2035	29.64433	29.593	29.66617	8	5	3	124559.1	384836	341629.3
553.2272	18.39892	18.35717	18.42267	10	5	5	535889.1	2557835	2786189
874.5754	31.51383	31.47067	31.532	3	0	3	42113.04	176737	121232.3
480.0407	19.90767	19.889	19.93883	5	1	4	171005.6	353453.1	783837.3
402.1187	23.50767	23.4585	23.54633	7	3	4	98586.77	349676.1	434830.6

727.3604	10.87912	10.80383	10.93685	9	4	5	1373583	1844037	3673861
481.2621	7.096917	6.9714	7.112467	5	2	3	3739611	4424177	8013585
445.0975	21.69433	21.67867	21.711	5	2	3	110609	457221.6	253315.7
452.2495	43.61733	43.57467	43.64533	3	0	3	179623.5	3753978	736282.7
494.24	18.93883	18.89467	18.967	7	2	5	221925	679768.7	923209
413.055	19.341	19.29933	19.37867	6	2	4	233535	704244.9	980038.8
784.6297	9.529058	9.502483	9.6125	4	1	3	3743059	5764372	12454000
200.0372	21.711	21.52767	21.74217	5	1	4	86491.41	255673	300288.3
241.1777	21.70392	21.5865	21.74217	8	3	5	361724.5	599996.5	530461.1
474.6576	32.11583	32.05783	32.17667	4	1	3	109726.7	172506.1	382130
359.1673	29.2135	29.19917	29.32917	5	1	4	110665.1	192747.1	149205.6
401.2573	29.637	29.57833	29.69667	9	4	5	1440955	3995502	4142792
452.3347	44.45967	44.39033	44.52517	4	1	3	38541.69	271764.3	84178.28
454.1875	24.34283	24.2525	24.35717	7	2	5	323468.8	946446.8	1304541
934.4386	29.1255	29.08083	29.149	5	3	2	61687.39	125013.3	140857.7
1109.624	10.67828	10.599	10.70088	7	4	3	11483904	11442614	16649248
726.9305	9.957467	9.90985	9.988417	5	2	3	307507.8	227870.3	327704
574.4439	28.82083	28.79333	28.82533	7	3	4	177009.6	678254	804242.9
200.1729	21.13833	21.05833	21.15517	5	2	3	97215.13	420122.2	235843.8
334.109	19.35375	19.32383	19.37867	10	5	5	1099891	4510156	5332612
558.0882	20.9775	20.687	21.01983	7	2	4	1907916	12280824	16678466
353.2629	21.63983	21.52767	21.70933	5	2	3	46755.63	57877.66	74253.88
432.3038	18.90108	18.84967	18.96767	6	2	4	66851.94	134737.4	93427.79
309.2039	33.47767	33.39433	33.511	9	4	5	614542.6	2518393	3243804
248.3592	28.235	28.20833	28.2495	5	2	3	21722.16	89292.09	107579.9
293.1967	10.49603	10.4685	10.58333	5	3	2	642078.8	1659631	2393869
406.1319	21.02133	20.96633	21.0525	9	4	5	657685.9	2149615	3182274
478.3298	30.97175	30.922	31.03733	4	3	1	231306.8	907593.2	468948.7
431.0334	25.6755	25.63383	25.70383	7	2	5	69705.76	288941.7	296604.1
350.2331	14.0132	13.96163	14.11172	7	4	3	366985	2300629	2190998
701.4481	9.50125	9.412217	9.596683	6	2	4	52564908	65038034	1.04E+08
330.2432	30.26133	30.24367	30.29067	7	3	4	104473	538502.9	477951.9
781.1995	29.17717	29.14083	29.2115	3	0	3	43379.55	101318	99300.2
387.5475	23.28183	23.25383	23.353	10	5	5	194972.1	903465.9	992229.4
464.1464	10.69782	10.59015	10.77118	9	4	5	2453186	6724736	12275996
644.462	10.86473	10.81455	10.89825	5	2	3	276340.9	410192.6	502149
552.2238	18.39542	18.35717	18.41967	10	5	5	1989274	9459350	10244978
354.3011	35.25267	35.23467	35.42017	9	5	4	120966.6	354517.8	187999.6
750.5496	28.7925	28.7755	28.795	5	2	3	57345.26	192640.5	236208.5
758.5639	25.80633	25.79083	25.8335	4	3	1	105009	301997.1	392294.2
498.8038	9.236842	9.15355	9.325783	6	4	2	2053501	2055858	2206785
440.2241	10.41848	10.335	10.45412	7	3	4	863380.7	2460374	2748305
423.2941	10.38529	10.30387	10.47928	4	1	3	8252499	9653479	16124249
266.2205	8.9587	8.800333	8.99255	3	3	0	109808.7	84810.99	92087.31
308.2225	28.14683	28.05933	28.20033	9	5	4	232683.1	1074860	1183305
734.3614	26.44767	26.39933	26.509	7	3	4	71969.05	256696.5	260742.4
326.1054	15.22385	15.20227	15.2466	4	1	3	86774.1	276117.1	453082.6

492.103	18.10883	18.09117	18.1585	7	3	4	359120.9	1093700	1565744
328.2639	34.0535	34.03117	34.06033	5	2	3	46380.32	170526.2	236685
447.1702	10.65827	10.63728	10.75237	6	4	2	548877.8	1178797	1145187
628.5111	29.54667	29.47633	29.60783	5	2	3	41074.65	145781.4	183968.6
388.1504	33.4195	33.40633	33.50417	5	1	4	73173.63	340171.6	239510.4
320.2956	21.1995	21.119	21.23533	7	3	4	60616.28	192187.7	210811
933.9974	10.66738	10.62815	10.77118	6	2	4	16857752	21007714	44455434
434.8583	23.16975	23.09983	23.20917	10	5	5	61550.08	250662.8	235160.4
457.0224	13.73958	13.71057	13.76793	4	1	3	70669.9	193278.1	358475.3
370.1506	42.45883	42.3625	42.52617	9	5	4	115827.5	750808.7	654828
484.1482	19.58708	19.57683	19.6	4	1	3	76219.46	135782.5	208026.3
435.0205	18.13117	18.047	18.1595	8	5	3	145002.3	822487.6	914543.2
308.2952	31.64442	31.59733	31.7145	6	3	3	495728.4	2533229	3067072
370.2163	9.52075	9.48745	9.5558	5	1	4	4252813	11924388	13025376
393.1325	16.68233	16.64683	16.72017	8	3	5	144382.1	790702.4	991616.1
666.248	29.21083	29.19917	29.31467	8	3	5	154091.8	818218.1	879677.7
442.329	10.61707	10.52882	10.64958	8	4	4	1044053	2132416	2676488
201.2045	26.18083	26.14117	26.19367	7	3	4	97403.16	277848.9	332513.2
333.1365	24.92608	24.90433	24.944	4	1	3	50156.09	132312.3	122056.5
233.8527	9.52075	9.444983	9.537367	3	0	3	2619291	1866939	3968855
241.0525	21.77133	21.76967	21.779	3	0	3	101464.9	364531.6	239834.2
642.4662	16.54502	16.50318	16.58867	8	3	5	182553.4	660809.5	599933.3
240.196	23.36492	23.31033	23.3995	6	4	2	66343.7	282226.9	238579.1
362.2778	28.3815	28.34517	28.46717	5	3	2	73811.88	242924.2	262792.7
336.2537	30.33342	30.29383	30.34	4	3	1	83330.82	300743.5	325312.7
571.8673	16.97433	16.87017	16.99883	4	1	3	72582.34	124626.5	262158.2
241.1519	18.12083	18.09117	18.155	6	2	4	54498.67	273501.8	253810.2
171.1381	17.678	17.66633	17.70317	5	3	2	125596.5	1333372	355653.7
661.4939	28.8075	28.77283	28.823	9	4	5	719414	3181430	3758518
270.0786	27.88	27.7785	27.96167	7	3	4	81407.4	280844.3	324168.1
796.5437	29.79733	29.76983	29.812	10	5	5	1054211	10878340	2290861
350.2904	34.4805	34.39883	34.50133	7	3	4	95226.26	404054.5	400536.8
354.2397	9.192183	9.101033	9.266617	7	5	2	2501318	5078255	3639390
346.0743	14.96628	14.95053	14.97883	6	1	5	137250.2	471521	840155.6
338.2036	17.22258	17.2045	17.26767	6	2	4	135427	337114.4	338461.7
240.0151	17.73342	17.60433	17.789	10	5	5	387755	2655159	2781638
570.9316	17.98717	17.91433	18.03433	7	3	4	279451.7	1089551	1610340
485.3881	28.79175	28.77283	28.8075	10	5	5	1294944	5590128	6498244
473.3277	29.696	29.63633	29.72533	10	5	5	115689.5	943245.1	247506.4
322.2859	17.531	17.48717	17.564	7	3	4	284115	1082262	1263920
332.2227	21.14992	21.0945	21.192	6	3	3	63745.97	340986.8	205116.8
254.1356	9.193308	9.101033	9.2529	8	5	3	2.02E+08	4.05E+08	6.27E+08
163.0755	27.27067	27.20017	27.31367	7	3	4	403728.1	3036366	2478234
396.3324	28.69658	28.67617	28.70417	10	5	5	3883046	19867798	22061644
622.2803	30.26683	30.23033	30.36167	5	2	3	102141.5	416116.6	362635.1
606.4639	22.666	22.65217	22.70433	5	2	3	206336.3	738264.6	830843
294.1706	15.04007	15.00692	15.1654	8	4	4	101716.7	379596	435710.1

468.3892	31.94283	31.907	31.95667	3	3	0	112978.5	890698.5	568692.2
357.1365	17.72133	17.67367	17.7365	8	3	5	290132.6	814198.5	1162761
618.2478	30.96917	30.93717	31.07383	10	5	5	186520.2	1138280	823690.7
502.1124	22.1365	22.11583	22.17967	5	2	3	140382.6	327723	516232.9
573.441	28.81758	28.78417	28.82533	10	5	5	1293687	5585804	6622646
224.0735	21.149	21.1235	21.18467	3	0	3	35563.67	108890.6	111332.9
469.2362	25.94208	25.9055	25.976	6	2	4	82063.2	234788.8	307884.3
438.3792	35.59092	35.55833	35.60933	6	3	3	387508.4	4586045	5229334
523.1607	10.69158	10.57912	10.7931	6	0	5	288230	616435.8	835052.6
601.0439	17.67025	17.6485	17.71217	4	1	3	50112.18	96467.33	154652.5
172.1333	33.8725	33.84717	33.88167	5	2	3	171679.7	561766.7	752556.7
437.1938	23.17692	23.10367	23.22467	10	5	5	1984845	6756551	8214812
396.2191	7.408425	7.352633	7.421633	4	1	3	378389.3	346125.9	692476.1
753.893	10.68129	10.63273	10.77118	6	1	5	4292802	5962522	11833104
337.3582	35.20567	35.15933	35.22067	6	3	3	26367.41	87264.64	85773.71
345.1365	31.97867	31.95533	31.98583	4	1	3	46609.28	112733.9	135534.8
256.8506	8.577575	8.545983	8.668683	4	3	1	471204.9	949896.5	230106.1
269.248	29.69633	29.60783	29.75717	10	5	5	3025370	20226198	19808625
343.1545	29.345	29.24733	29.39583	7	4	3	1770584	12002671	11299387
332.3315	32.77925	32.741	32.82017	10	5	5	5568119	38544987	20668405
256.2637	36.60042	36.57717	36.64933	8	3	5	507620.8	2101912	2182895
511.4844	36.26933	36.21617	36.37617	8	4	4	25131.68	123069	107268.9
385.2928	34.792	34.7655	34.81033	6	2	4	155816.4	299246	323749.2
343.133	13.03291	12.99103	13.07942	4	1	3	82509.49	153721.7	212676.7
224.119	17.58967	17.5815	17.6205	6	2	4	289935.5	949074.8	1194930
556.1731	42.74217	42.67917	42.7635	10	5	5	273631.6	1731182	985329.6
687.5103	21.41975	21.32883	21.43217	6	3	3	91075.78	182414.7	216399.2
258.0793	18.11625	18.06167	18.1585	8	3	5	522790.6	2579975	3382197
253.0877	22.11875	22.05267	22.14983	8	3	5	197476.9	915521.8	1002924
793.2705	28.98917	28.979	29.00517	7	3	4	62305.33	192334.8	231035.5
433.3295	36.51617	36.48817	36.54983	5	3	2	85780.91	189148.6	81356.21
522.229	26.242	26.18667	26.30383	5	2	3	64489.28	109299	148271.3
270.3159	26.1955	26.1375	26.24233	9	5	4	561401.2	1272370	2410573
535.072	20.64917	20.628	20.67267	4	1	3	443749.3	1478664	2178067
549.0585	29.228	29.18517	29.32917	7	3	4	48909.04	213008.5	222597.4
550.0813	30.84933	30.80267	30.9455	5	3	2	29221.45	89576.64	114892.9
352.3063	28.61208	28.59217	28.61483	10	5	5	2236161	11587269	12781230
367.2749	12.15684	12.12773	12.28258	8	3	5	63761.03	213925.5	273432
659.4781	19.89117	19.86017	19.89467	3	3	0	48934.67	121270.2	155865.4
551.7615	31.01917	30.93633	31.07967	4	1	3	152550.6	181186.4	356556.8
332.096	9.515	9.444983	9.537367	5	2	3	2798573	5497404	7273997
214.0377	11.06623	11.00837	11.25197	7	2	4	206781.5	683137.8	1126258
492.2798	44.06858	43.88017	44.13467	4	3	0	73051.48	579203.1	217299
330.5803	32.77958	32.76067	32.82017	6	3	3	20085.7	93375.15	77471.9
167.0899	14.66947	14.6373	14.71452	6	2	4	42462.71	285160.1	166256.5
381.3119	18.59642	18.55183	18.6225	6	2	4	118366.2	356249.9	364677.9
586.4435	35.20575	35.14433	35.2955	8	4	4	137785	619818.4	747326.9

659.4722	23.17983	23.16267	23.19433	5	2	3	93791.48	139596.3	187952
395.2922	10.72091	10.66322	10.78962	8	3	5	407515.6	1042803	1352689
226.1919	9.217975	9.08515	9.266617	6	4	2	7467735	16900591	12391970
398.2195	43.60167	43.55983	43.64817	8	3	5	183777	1606232	707146.8
519.1326	21.5225	21.50817	21.53517	3	0	3	65307.13	91941.1	47690.83
572.4287	32.17592	32.1585	32.21817	6	2	4	106916	465701.4	325082.9
326.1966	23.08233	23.03067	23.12483	10	5	5	783976.4	3255399	3583160
912.2889	28.27817	28.23083	28.29333	5	2	3	56276.48	187676	237270.7
564.4291	29.13292	29.111	29.22633	10	5	5	142323.6	491499.2	495412
806.5766	34.22525	34.2125	34.25717	8	3	5	215281.5	924674.6	1174068
364.2698	29.34508	29.2755	29.3745	6	2	4	63757.49	236385.4	240173.4
313.2373	28.42533	28.14683	28.439	9	4	4	789217.1	3248425	4497361
415.2892	21.689	21.57183	21.72217	4	1	3	35637.2	94927.06	71024.56
475.8494	33.17867	33.13983	33.2515	7	3	4	52898.3	184101.4	203828.2
466.3749	20.46908	20.44917	20.59983	8	3	5	148457.6	450055.5	480112.7
357.9913	22.1365	22.1215	22.14983	3	0	3	74673.97	179178.5	263159.4
330.1741	16.36868	16.34268	16.37577	6	3	3	86410.5	282613.4	301009.1
323.2988	31.6215	31.58383	31.67417	5	2	3	47224.89	164245.6	112619.4
432.2026	17.27333	17.2395	17.327	10	5	5	2913778	13620131	14636502
380.2955	25.801	25.72083	25.80717	9	4	5	499004.3	1562861	1895599
669.2748	30.26	30.23533	30.36167	8	5	3	85923.72	309770.7	341195.2
310.1104	23.25383	23.24017	23.26717	5	1	4	111739	195349.6	309416.3
457.1706	9.199533	9.101033	9.266617	7	5	2	3711263	8297133	5462508
639.4532	9.463983	9.43065	9.537367	5	2	3	19004494	17396997	34025964
368.0076	27.88842	27.76383	27.89667	4	1	3	36984.86	68724.11	97108.85
333.1406	9.503675	9.444983	9.537367	4	1	3	29234076	24760499	49697150
416.3207	25.935	25.89767	25.9615	8	4	4	196353.5	514298.8	586040.5
398.1152	22.97417	22.938	23.01033	7	4	3	275332.8	671013.6	892869.2
344.2954	26.7405	26.669	26.79067	8	4	4	225972.1	1114506	1303285
1050.231	9.526183	9.460417	9.64025	6	3	2	5457578	3889528	3311892
792.5607	31.8835	31.8555	31.91233	5	2	3	63312.77	216072.8	268985.2
385.1102	15.68943	15.65882	15.71387	5	1	4	98228.48	266948.9	436530.1
436.3379	9.21175	9.101033	9.280533	8	5	2	37248004	92474698	66563251
283.9968	9.206367	9.101033	9.254883	4	3	1	1256422	4188864	1824365
934.9993	10.66513	10.61352	10.77118	8	3	5	6226709	7723626	16040816
703.5024	9.500283	9.463983	9.584433	9	5	4	1.89E+08	4.55E+08	6.22E+08
235.0633	18.12058	18.07617	18.1585	8	3	5	294319.8	1277450	1650578
482.3246	28.56208	28.51733	28.67283	10	5	5	3978530	21334760	17996739
271.2061	20.96275	20.89867	21.03417	10	5	5	573225.8	2727534	2910439
686.5067	21.41392	21.32883	21.4795	8	4	4	286093.4	642658.9	727582
253.138	9.199533	9.15355	9.2529	7	4	3	12546882	22716819	36412438
274.0955	22.12617	22.05267	22.15067	8	3	5	166374.3	635062.2	829357.2
299.1063	18.07167	18.0555	18.11817	5	2	3	201932.7	1344289	800815.6
503.0894	32.43083	32.40367	32.5285	5	1	4	67132.23	204452.4	361703.3
460.8476	44.47225	44.43883	44.52517	10	5	5	231867.2	3021082	708233.4
616.4546	32.144	32.0875	32.16033	5	2	3	139606.9	486496.8	644932.4
455.4296	37.44717	37.38533	37.50067	5	3	2	30517.43	77018.54	53684.12

570.3472	29.13992	29.11167	29.22633	10	5	5	2360107	8200768	8130116
323.8627	8.862433	8.695117	8.906683	5	4	1	242310.8	306033.6	312529.6
234.0853	15.683	15.62787	15.68943	6	2	4	130008	404568.5	394992.2
302.2196	33.06283	33.04317	33.0685	3	3	0	102387.1	538655.3	436724.9
283.1495	30.27817	30.228	30.336	5	2	3	80716.47	287119.2	280878.8
255.1045	32.13283	32.07333	32.14983	6	1	5	166203.2	535591.2	685288.3
692.4683	29.8685	29.83217	29.887	5	3	2	25567.36	88744.42	17685.4
236.0565	27.888	27.76383	27.93117	10	5	5	642592.8	2842109	3226158
486.391	28.80608	28.79	28.81017	6	3	3	135463.3	459587.7	564707.9
704.5076	32.00233	31.98567	32.04183	8	3	5	147571.8	553965.3	644455.5
412.0518	19.34483	19.29933	19.364	9	4	5	1653607	6160722	8524031
384.348	25.782	25.70633	25.8205	10	5	5	479061.8	1290258	1550044
427.154	9.190992	9.0532	9.257833	8	5	3	9054193	9880376	15024464
475.3476	33.2055	33.13417	33.2765	9	5	4	134151.5	396143.9	405225.9
477.7399	9.209542	9.101033	9.2529	6	4	2	2042857	9639008	10226621
480.3091	31.97667	31.937	32.05783	8	5	3	305358.3	1438772	1752493
233.1536	35.23483	35.09967	35.25017	5	2	3	86759.76	439035.5	429675.7
311.1272	25.67167	25.6535	25.7215	9	4	5	1161651	3348614	4813575
610.7617	29.18375	29.15517	29.2705	6	2	4	301795.1	537829.1	935759.9
593.217	10.40805	10.34782	10.46653	7	3	4	1811284	3136308	6195094
417.6785	23.181	23.11833	23.20917	9	4	5	43690.7	178729.7	186612.4
707.537	9.463983	9.444983	9.64025	5	1	3	87666480	1.08E+08	2.03E+08
410.1476	23.8245	23.74567	23.98833	7	3	4	85913.79	262080.6	319209.1
433.704	10.70767	10.61352	10.7363	7	2	5	346792.5	550509.3	963062
226.1803	31.124	31.09517	31.21283	7	3	3	42331.44	150709.4	133008.5
380.1527	15.51133	15.48555	15.56615	6	2	4	134780.4	546503.7	246794.4
678.203	27.48583	27.44817	27.74617	5	3	1	51473.16	151664.1	191767.4
294.068	18.1415	18.08433	18.14433	4	3	1	66607.18	246330.1	107345.8
265.2571	28.20608	28.17683	28.232	10	5	5	700685.3	3180958	3715379
712.0117	9.4622	9.401867	9.537367	4	1	3	3304031	3578176	3840198
525.1379	32.117	32.087	32.19283	9	5	4	96285.8	493836.5	563107.3
486.3543	9.791017	9.730617	9.8518	7	3	4	592611.4	1338248	1449030
340.3213	31.14183	31.09583	31.1955	7	3	4	111404.7	238480.3	211388.6
518.3744	44.04017	44.004	44.08933	7	3	4	70768.02	462148.4	95376.96
589.0497	22.136	22.05267	22.14983	7	2	5	726946.6	2409625	3880203
729.4752	9.547767	9.416233	9.5558	5	1	4	3323371	3388661	5853831
311.0943	17.13083	17.105	17.18383	4	1	3	91701.73	299731.3	278197.9
232.163	21.99908	21.92583	22.0495	4	1	3	35756.79	90494.12	26814.82
401.2876	28.70325	28.69817	28.71783	8	3	5	324895.5	1271435	1350032
274.0509	21.67933	21.557	21.711	3	0	3	35313.84	103407.7	88682.62
182.0722	21.4365	21.35633	21.4785	7	2	5	106801.3	247459.3	316603.5
415.048	17.0165	16.965	17.08467	4	1	3	78240.15	147249.3	200258.8
964.4406	31.65633	31.58383	31.70567	8	3	5	132591.5	435765.8	550721
581.3002	30.89833	30.74683	31.05317	10	5	4	224878.3	1154874	910930.2
761.1814	29.2215	29.20017	29.27167	6	3	3	79080.67	223811.4	198710.8
314.1295	9.88495	9.88085	10.00593	3	0	3	57071.04	83293.29	98962.07
325.1399	23.76533	23.66983	23.812	11	5	5	403656.8	949798.4	1524549

253.2645	25.03817	25.01267	25.07083	5	2	3	94299.91	264966.3	328325.2
196.5713	16.69025	16.63858	16.72233	6	2	4	90141.53	278326.2	375783.7
473.3076	20.40192	20.335	20.588	6	2	3	36081.35	74277.52	70345.77
245.1945	15.15585	15.12537	15.27123	7	3	4	54382.67	236975.7	240940.1
413.1635	25.481	25.3875	25.49183	5	1	4	84983.79	177859.9	104974.8
456.3538	22.90917	22.79633	22.93083	7	3	4	101352.6	247100.3	292623.8
383.2796	29.8975	29.86	29.93983	7	2	5	86447.49	832210.7	147472.8
383.1764	18.1215	18.06983	18.1595	10	5	5	1650765	2579971	3431942
507.3432	23.43567	23.38433	23.44817	8	4	4	364402.2	1618693	1735680
255.2108	37.01483	36.99117	37.08017	4	0	4	53696.39	655024.1	79920.6
981.4715	10.64958	10.6177	10.77118	5	1	4	431374.5	574608.7	1178763
775.4505	40.66017	40.62667	40.681	8	5	3	81947.77	583387.8	199393.1
252.913	22.136	22.1015	22.14983	5	2	3	67898.98	173760.1	245411.7
580.2729	32.12933	32.02967	32.17667	5	3	2	91163.71	379647.6	194199.2
271.0997	20.4375	20.411	20.56367	7	2	5	280716.8	936687.4	1093665
184.0735	28.48308	28.42183	28.568	6	3	3	234293.3	884092.2	912957
410.142	26.652	26.601	26.67933	8	3	5	331274.9	1162449	1555319
199.0732	29.65158	29.593	29.6815	10	5	5	357467.4	1504049	1493636
355.9727	11.06577	10.83542	11.1144	5	1	4	180083.7	545914.2	1104528
643.2594	29.21367	29.18517	29.2705	9	4	5	189375	860414.5	843852.6
509.3691	32.2465	32.22133	32.26167	7	3	4	234043.8	805623.4	931126.1
397.2932	32.37983	32.30083	32.408	7	3	4	389811	1500308	2004468
730.5334	21.48483	21.39833	21.551	5	3	2	195059.7	394462	474611
1187.57	10.70765	10.63617	10.77118	4	1	3	326192.5	227020.8	470634.4
509.2639	9.186383	9.08515	9.2529	7	5	2	2884157	6181143	7799926
370.1287	34.02142	33.97483	34.06833	8	3	5	82952.88	274853.5	442923.8
274.6257	27.46175	27.427	27.53083	8	3	5	1695671	9129966	12595863
369.2428	38.33	38.277	38.3635	7	4	3	130463.3	446809.7	372544.7
249.234	28.2065	28.1765	28.2495	7	3	4	45446.05	191348.9	189576.2
690.2481	29.14075	29.09717	29.19683	6	3	3	146038.3	429437.8	561620.1
402.2934	40.32683	40.25067	40.363	7	3	4	106010.2	580793.1	504763.3
599.0784	27.882	27.808	27.89517	5	2	3	477824	1595240	2166985
556.2966	44.76833	44.62467	44.975	6	1	3	72177.18	809491.8	180321.9
717.0065	25.67167	25.66133	25.689	5	1	4	118291.8	217850	482675.1
525.2884	7.224617	7.161867	7.244283	5	2	3	3913134	4634851	7921799
326.2773	33.12417	33.06983	33.15883	6	2	4	232495.5	1862256	2003270
488.2698	41.79517	41.6295	42.046	5	3	0	39550.68	536805	320835.4
377.2694	20.97917	20.91933	21.02167	7	3	4	99077.25	611770.1	646914
434.2121	33.20117	33.17183	33.2025	3	0	3	60834.06	298156.9	70400.98
502.4038	9.2647	9.1639	9.463983	6	4	1	2200867	2127716	2765188
724.5628	9.482133	9.444983	9.537367	4	1	3	47795164	39585245	70118686
362.1058	18.57433	18.55817	18.60767	6	2	4	72100.57	167046.9	257249.5
399.9976	22.6695	22.60467	22.6955	7	2	5	235484.3	793287.9	1164785
318.1089	20.43792	20.4255	20.55133	6	2	4	446293.7	1474793	1620374
167.9937	27.8825	27.76383	27.94633	10	5	5	1013597	4983540	5637135
723.4614	9.482133	9.444983	9.537367	4	1	3	41395744	35159202	62712185
163.1331	22.363	22.29433	22.37033	6	2	4	140420	883371.7	545895.6

275.1606	19.713	19.666	19.74733	8	4	4	229651.3	745374.1	1022497
420.3478	27.07583	27.045	27.1	5	2	3	55989.73	268821	116989
327.2169	40.31183	40.25067	40.363	7	3	4	602773.1	3252763	3314150
457.1799	24.33042	24.2525	24.35967	6	2	4	87921.95	355576.8	342604
492.0773	33.95033	33.938	33.9655	5	1	4	93937.61	170885.5	380704.6
210.1606	10.41382	10.36523	10.45412	10	4	5	24150638	85949057	90985491
752.3902	43.573	43.55817	43.65367	5	1	4	62783.09	264132.1	117292.8
455.3329	27.11617	27.10417	27.20017	7	4	3	60484.16	272272.5	212747.7
274.2097	32.49733	32.37967	32.53617	10	5	5	2143186	11865403	12343271
253.1955	30.186	30.14533	30.23533	4	3	1	61114.38	338974	285625.4
363.997	16.94917	16.93417	16.98567	3	3	0	35735.86	217999	106338.2
617.4676	28.81308	28.78783	28.83117	10	5	5	985790.9	4465981	5308573
828.3601	10.66438	10.6177	10.78962	6	2	4	1031795	1898095	3483138
265.1002	21.13833	21.11167	21.16733	5	2	3	58626.76	103523.1	92409.33
322.9791	10.97298	10.81963	11.0085	3	0	3	96334.61	275637.4	490552
460.1972	34.27167	34.20383	34.29217	5	2	3	32895.73	129804.9	138578.1
226.5896	26.654	26.626	26.67933	5	2	3	45342.29	101897.4	137504
217.9903	10.07062	9.911233	10.0778	5	2	3	2181965	4755113	9661684
329.2326	31.57583	31.4565	31.644	7	3	4	239363.1	969553.9	734868.9
641.4626	16.54502	16.48962	16.58867	10	5	5	585800.4	2063122	1803940
200.173	20.43833	20.411	20.53867	5	2	3	78456.23	320526.4	160261.4
461.2879	28.76167	28.76083	28.76633	4	1	3	35623.48	115075	107248.3
274.053	19.3495	19.28517	19.364	5	2	3	62595.29	160263	252367
456.319	12.23491	12.17783	12.25648	4	1	3	240979.6	576090	268063.4
297.9785	30.415	30.36167	30.49533	4	1	3	97559.03	152758.2	314339.9
600.2681	29.21333	29.17833	29.29983	5	1	4	153858.1	611829.5	387357
585.2611	29.11875	29.066	29.16967	4	4	0	61539.94	121360.5	58365.23
568.4578	34.82767	34.80733	34.8435	4	3	1	35464.91	46442.37	30875.16
316.1943	23.02467	22.95767	23.048	6	3	3	131641	352592.4	499697.7
210.1497	9.215108	9.08515	9.432667	6	4	2	24741416	98949204	93996230
451.1687	26.64692	26.601	26.68133	8	3	5	891880.7	3278213	4300502
236.1731	27.26683	27.211	27.28717	5	2	3	25396.99	72725.83	77718.93
456.1581	9.193308	9.101033	9.280533	8	5	3	14031081	33076589	21975646
501.4019	19.74542	19.7225	19.887	10	5	5	4993251	20081064	21956016
319.1058	20.43058	20.411	20.53867	6	3	3	185682.7	603591.3	786209.2
441.362	28.76167	28.74283	28.78417	10	5	5	1003809	4338072	5050970
472.2153	20.64217	20.61367	20.77617	7	2	5	214737.5	692283.8	925654.2
216.1387	15.8511	15.81567	15.93323	8	5	3	91876.84	399615.2	357473.3
269.1476	16.93158	16.88917	16.96917	10	5	5	659263.6	3045580	3494973
502.9054	9.194167	9.116917	9.302183	4	4	0	1309755	1421496	1689433
458.1914	14.99495	14.96272	15.01173	5	1	4	49850.73	106032	175262.5
382.296	23.29908	23.28083	23.33983	4	1	3	35918.48	93018.59	108410.2
692.2631	30.26683	30.25	30.33317	6	3	3	95652.41	335853.1	366892.5
380.2953	23.13275	23.10367	23.1535	6	3	3	56839.45	159581.1	188678.8
272.2095	20.9775	20.94433	21.03417	5	2	3	74300.02	376275.1	342353.1
484.1087	15.88583	15.84463	15.92058	6	2	4	217126.3	685746.7	1473133
500.2042	24.75925	24.69583	24.78533	6	2	4	61170.18	239327.4	291730.6

646.4387	21.5295	21.44083	21.56533	8	3	5	118714.5	391535.6	480033.4
305.2692	28.11767	28.04433	28.16133	10	5	5	410893.7	1556914	1879506
333.1705	22.05833	21.98917	22.09317	5	3	2	83916.5	187125.8	199950.4
541.3737	10.97941	10.92607	10.99405	6	2	4	105470.1	244360.6	293287
161.0598	23.88467	23.83983	23.93767	9	4	5	134521.6	609817.5	674074.2
255.2322	27.51833	27.39967	27.56233	7	3	4	395621.6	2835517	2624272
569.3148	7.364667	7.352633	7.393067	5	2	3	3948260	4955885	8532271
176.5104	19.34175	19.326	19.3495	6	2	4	61542	177433.3	250548
456.0771	13.711	13.44777	13.76545	7	1	4	227381.6	593907.8	1287702
306.3328	22.99917	22.97417	23.09333	5	2	3	42455224	94484181	1.61E+08
785.182	29.11083	29.09583	29.12433	5	4	1	48675.7	100670.3	78811.04
221.1541	25.79267	25.71517	25.83717	10	5	5	1498988	6737509	6120089
308.2519	18.2975	18.27233	18.335	7	2	5	141310.1	767287.7	978352.1
232.1698	31.76333	31.62617	31.8165	8	4	4	108973.9	444822.4	436256.7
389.589	8.90875	8.730367	8.980533	7	4	3	446180.8	982459.7	520172.2
543.0439	22.13708	22.03667	22.16383	6	1	5	150903.1	331604	507465.3
559.408	16.44117	16.42682	16.49523	5	2	3	39251.82	61918.38	89956.3
162.0996	28.10917	28.05933	28.14683	3	0	3	40059.64	106631.4	106090.6
535.0381	32.9305	32.91833	32.94183	3	0	3	46333.77	111843.3	128470.2
519.5963	32.10233	32.07183	32.19283	9	5	4	94017.59	498769.1	554838.4
526.3129	24.5785	24.50433	24.635	6	3	3	79685.85	352465.1	312110.8
325.3217	31.40483	31.35767	31.47067	10	5	5	823385.3	5205984	5419779
652.9479	27.17583	27.14367	27.208	6	2	4	107811.9	310934.9	454566.3
724.5121	9.482133	9.444983	9.537367	4	1	3	38670888	33019818	59571798
428.9394	12.52435	12.50022	12.74887	4	1	3	157357.7	579564.8	957310.8
307.8524	23.04517	22.97417	23.074	9	4	5	177761.3	868666.4	768959.6
340.1395	29.34942	29.30383	29.41867	6	4	2	165653.8	317213.9	331463.5
960.4547	10.70994	10.63528	10.77118	4	0	4	494759.6	472079.9	902655.9
325.1436	28.04383	27.926	28.07333	5	3	2	74532.11	321032.3	318755.6
313.1801	37.713	37.6765	37.7365	5	3	2	85331.11	337834.7	119827.6
662.9925	20.65667	20.65617	20.687	3	0	3	166374.8	697777.7	979668.7
216.0192	21.70958	21.63433	21.75667	4	1	3	53044.08	153378	152914.5
453.6045	9.187083	9.135433	9.322017	3	3	0	5971598	6498340	7565476
251.0685	11.0508	10.89807	11.13185	5	2	3	106086.3	390075.4	561682.7
444.1172	35.14717	35.147	35.20483	5	2	3	31963.86	85152.55	96409.55
654.2469	10.85052	10.83477	10.87918	5	2	3	284171.3	294338.9	503723.8
379.187	26.44483	26.41383	26.47767	7	4	3	214268.9	512644.5	597519.1
316.9413	11.0656	10.83542	11.09677	4	1	3	385615.4	1381765	2699987
770.9575	10.06564	10.04143	10.07255	4	1	3	194059	155243.6	221237
392.1375	19.68733	19.67333	19.8	9	4	5	1000885	3376609	4816113
194.0095	30.79183	30.67617	30.83717	9	4	5	265510.5	1556691	1490380
423.1757	17.663	17.60433	17.67783	5	3	2	50875.1	122199.7	96902.83
397.1117	22.98233	22.938	23.01883	10	5	5	2941447	12235366	14250021
618.4703	28.81933	28.79017	28.8375	7	3	4	162056.5	624422.7	754398.4
572.9448	16.68417	16.67583	16.72017	5	1	4	92717.79	220523.3	429008.1
461.3742	28.63342	28.52083	28.681	10	5	5	1694157	13083000	14128952
420.2752	12.41884	12.37127	12.54948	8	3	5	189062.4	709304.3	769289.5

291.2534	28.42717	28.3955	28.439	10	5	5	6118279	32502226	35604125
748.4155	10.67828	10.599	10.77118	9	5	4	7989954	12535547	18671235
319.2483	33.757	33.726	33.7735	5	2	3	44171.76	204365.5	100638.5
426.0211	25.69217	25.61933	25.7115	7	2	5	83877.32	242489.4	359164
333.0968	26.74017	26.6765	26.78117	9	4	5	142085.1	497678.6	544825.1
175.0644	19.5535	19.515	19.58533	7	2	5	133520.6	431693.1	545027.7
563.0187	18.13833	18.09117	18.1585	7	3	4	232817.4	787340.9	1145850
604.4142	29.907	29.875	29.92583	7	5	2	60893.73	361208.9	89031.12
313.1052	19.4745	19.428	19.52583	5	2	3	111106.3	291499	145876.5
394.1327	19.7045	19.67333	19.74733	8	3	5	347399.6	1069547	1569436
822.1203	30.98692	30.95017	31.0515	4	1	3	77732.96	200733.2	355010
219.1747	19.87817	19.87483	19.99017	5	2	3	614038.4	2819520	3543388
162.9736	5.600083	5.545033	5.737783	3	3	0	221800.7	1879470	618822.2
569.4762	9.574775	9.500283	9.792867	4	4	0	735056.4	1056952	1151436
394.3111	28.1615	28.12433	28.19167	7	3	4	58893.26	276029.1	312265.1
597.0805	27.87992	27.76383	27.9155	8	3	5	999885.5	3349135	4556213
166.0946	25.8135	25.71833	25.85433	5	3	2	31815.27	82518.36	72307.49
786.5233	31.59083	31.55767	31.63033	8	4	4	64700.57	350226.2	226617.2
398.0832	13.00105	12.90555	13.10817	5	1	3	28828.48	54006.85	54857.86
446.2242	16.4716	16.47097	16.50995	4	1	3	37902.13	118295.3	76195.22
542.4331	36.30758	36.29117	36.45567	10	5	5	82204.09	378229.7	218696.6
405.1961	39.38667	39.298	39.40183	3	0	3	22012.97	45938.48	22629.62
476.3287	9.186758	9.101033	9.266617	6	4	2	3.85E+08	1.76E+09	1.65E+09
163.1331	10.07312	9.631183	10.12338	8	2	4	187583.1	387914.8	395055.6
493.1584	10.36339	10.3514	10.42227	4	0	4	4752101	6707785	10798472
760.5432	34.39342	34.35167	34.41517	10	5	5	3906721	20192082	24337585
318.0829	15.89132	15.80118	15.91033	5	2	3	1003744	1615609	1828562
392.0924	30.80625	30.761	30.87583	4	1	3	70557.71	204604.1	276137.6
537.346	26.98583	26.922	27.05917	10	5	5	372449.1	1774054	1638873
304.0669	13.5054	13.43332	13.73835	5	1	3	398875.7	1407747	2658810
355.0846	23.72183	23.70667	23.75267	3	0	3	52183.06	187686.9	188986.7
177.08	21.1365	21.05833	21.17	6	2	4	177943.2	531839.7	335279.1
435.194	33.284	33.24683	33.31783	4	1	3	35825.1	121176.2	130856.1
430.317	20.19108	20.15467	20.35917	8	4	4	91215.68	312325.1	324350.1
393.21	8.786833	8.51555	8.864233	6	3	3	1070590	4678909	4696011
510.2857	10.2133	10.12773	10.23408	5	2	3	110663.8	212765.8	275521.9
269.1905	26.58533	26.47217	26.60417	6	3	3	125431.7	954437.8	949391.7
403.103	13.73835	13.71057	13.78467	5	2	3	56538.12	174027.3	166717.9
330.2124	35.58967	35.5775	35.666	3	0	3	39253.21	183448.2	42369.15
353.2653	37.70433	37.66133	37.721	5	2	3	78397.55	206563.7	82139.98
277.1288	11.17027	11.16608	11.18192	3	0	3	172413.2	365151.4	464321.6
492.2805	42.988	42.83033	43.27817	7	3	2	49586.93	573703.6	171546.1
472.8197	9.192183	9.101033	9.280533	7	5	2	6826406	8737784	9838927
879.6107	31.76825	31.74583	31.81	6	2	4	43468.3	149330.5	186160.3
502.9645	22.142	22.03667	22.1655	5	1	4	60862.76	181390.3	270440.5
459.0529	25.69158	25.6755	25.71367	4	0	4	79125.35	119433.2	251080.4
415.2123	19.74583	19.727	19.835	7	4	3	217892.3	973821.4	749703.5

428.0294	18.13925	18.1035	18.189	6	2	4	213346.7	1069801	1599417
305.1202	33.94567	33.90033	33.9655	6	2	4	125275.9	292172.9	569377.8
397.3358	28.70233	28.69183	28.72133	10	5	5	865173.1	3938120	4518381
356.3167	20.58017	20.544	20.66717	9	4	5	139449.8	507765.5	583272.8
330.2341	18.32133	18.23833	18.3815	5	2	3	75800.67	276685.3	379543.9
290.2328	32.49733	32.37967	32.53617	10	5	5	1152823	5395966	6145948
572.4015	17.6205	17.60433	17.67767	5	1	4	101525.3	920586.7	1033940
241.072	18.1315	18.0555	18.1595	10	5	5	1545404	7846444	10543833
305.1711	16.53956	16.5011	16.589	4	3	1	31181.08	74487.25	54990.2
570.4581	35.371	35.33783	35.4005	6	2	4	855244.7	9274904	9984855
312.98	27.17975	27.12967	27.22267	6	2	4	58499.94	122299	190360.5
329.2689	40.27933	40.21933	40.2965	5	2	3	66400.63	316636	320404.5
724.5929	31.13233	31.0805	31.18367	10	5	5	1312508	3777091	3548298
303.2172	17.711	17.70633	17.74283	10	5	5	172516.3	718082.5	624287.5
240.1657	20.453	20.411	20.55133	5	2	3	62388.96	254738.6	207216.4
318.0427	30.4565	30.38217	30.48833	5	2	3	365486.4	1008458	2097512
694.1751	27.4655	27.427	27.53083	8	3	5	741310.3	3347728	4492831
393.337	18.92317	18.89467	19.02567	6	2	4	43555916	52613999	61917331
360.3267	19.29067	19.2755	19.30533	9	4	5	243658.5	947799.9	1079100
499.8548	33.7205	33.71467	33.726	3	0	3	54044.79	179539.2	209272.3
412.9986	19.54367	19.4575	19.63	6	2	4	86580.83	247692.1	467748.7
711.5002	29.87742	29.8495	29.91617	6	3	3	40384.99	163796.1	52110.11
252.1319	14.95072	14.93573	14.97753	5	1	4	28026.38	81716.75	87500.96
559.0914	25.92308	25.91817	25.94567	4	1	3	48947.45	79923.49	159829.8
205.0861	41.70892	41.634	41.73483	8	3	5	94454.38	1311449	404482.2
485.298	9.199792	9.101033	9.243133	4	3	1	5435859	5966889	7621005
277.2014	17.68642	17.63367	17.71	10	5	5	94037.2	558462.5	288673.2
427.1245	19.70183	19.67333	19.8	5	2	3	323038.7	793478.4	1283375
357.2616	28.61283	28.59867	28.62833	10	5	5	361471.4	1264595	1648769
425.2748	10.41202	10.36557	10.45178	5	3	2	5389078	8419903	15234841
155.0027	2.180517	2.06435	2.377483	8	5	3	185816.3	1590386	820474.5
462.3584	20.84367	20.80517	20.86083	10	5	5	4829135	18251416	21693157
466.3298	21.844	21.7995	21.93617	9	4	5	145313.3	609744.3	535093.1
222.1574	25.78833	25.71517	25.8205	8	4	4	185061.9	651361.9	608696
373.2589	36.66717	36.66433	36.69483	7	3	4	157300	701849.3	552159.2
276.6339	9.182542	9.101033	9.243133	4	4	0	1732510	3272326	4478043
257.2671	23.6645	23.64933	23.70667	5	2	3	52575.45	147089.4	181026.7
518.8754	44.01725	43.99667	44.03417	4	1	3	47820.55	279251.6	67171.53
421.3435	23.74467	23.72033	23.79483	6	2	4	128998.4	252342.3	256185.6
399.2702	29.67367	29.6215	29.72567	4	3	1	41978420	57499804	1.23E+08
163.0755	28.86417	28.67283	28.98683	12	5	5	1875958	21978219	26215301
511.4229	15.85152	15.74832	15.91817	7	3	4	88722.57	183830.3	264568.6
515.4174	22.43183	22.39567	22.473	6	3	3	50011.73	149359.8	149423.1
558.3857	21.23192	21.15667	21.264	8	3	5	148785	569212	688664.2
496.3607	44.17967	44.15917	44.25667	7	4	3	52060.79	515564.5	174781.8
434.2749	44.37108	44.31617	44.4925	4	3	1	53554.96	488024.4	82715.08
287.7543	22.73833	22.71633	22.78383	7	3	4	50496.07	176630.1	257277.6

572.3625	30.26775	30.23533	30.36167	10	5	5	1205732	5697120	5013570
489.3399	28.8075	28.80467	28.81017	5	2	3	67328.36	212119.8	247501.8
445.2206	16.47748	16.44078	16.51398	10	5	5	202424.8	874498.9	761760.4
290.2485	19.76525	19.74833	19.86983	8	3	5	102392.1	525657.1	302798.2
433.2059	17.27333	17.2395	17.327	10	5	5	656406.5	2856482	3144587
287.0636	10.40814	10.36523	10.43652	4	1	3	690977.5	861116.1	1660731
548.0451	29.20675	29.18433	29.32917	10	5	5	168424.6	896114.4	775842.1
654.3885	41.1335	41.10383	41.25483	5	2	3	421720	1226112	1213342
490.3655	29.98683	29.92967	30.05683	7	4	3	35571.51	212104.5	48280.98
335.2797	28.6105	28.58283	28.61483	10	5	5	4315863	22630299	24866930
340.9551	9.518825	9.444983	9.549217	4	1	3	11542694	13302510	22139590
667.2602	29.11858	29.08083	29.16833	6	4	2	164317.4	339577.7	393099.6
572.929	17.95667	17.855	18.004	4	1	3	129271.1	382379.4	583281.4
694.1748	27.77533	27.7505	28.07333	7	2	4	473433	2053591	2773673
654.8346	41.19317	41.1635	41.23617	9	5	4	459512	1365180	1792300
471.1795	14.0009	13.96152	14.05753	7	2	5	178562.3	559839.5	1041179
334.099	22.13175	22.03667	22.14983	4	1	3	121071	352878.4	484260.7
358.9394	9.49235	9.401867	9.537367	3	0	3	9746555	8830173	18038255
359.2051	25.99525	25.947	26.04517	8	4	4	289331.7	1038465	1207632
387.1046	23.282	23.25383	23.3375	9	4	5	85557.59	356330.2	390662.5
436.3063	25.18233	25.11233	25.23083	9	4	5	124615	622340.1	508897.2
650.4942	41.20783	41.1635	41.23617	7	3	4	41702.66	189837.2	120767.6
233.5986	9.537367	9.534967	9.545617	3	0	3	3383500	2746997	5831568
465.3817	26.238	26.18667	26.33183	5	3	2	22718.25	78266.19	81104.65
237.1851	31.716	31.58383	31.78267	7	3	4	522090.6	1773717	1699137
407.2965	11.45451	11.31883	11.65552	8	4	4	448681.1	1475979	1997682
281.0955	18.13892	18.0555	18.17483	10	5	5	12732430	69828043	90362305
306.3099	23.022	22.99917	23.06267	4	1	3	43257760	1.5E+08	1.9E+08
422.2488	17.81475	17.76617	17.85483	6	2	4	52160.71	266367	127257.2
273.2063	32.95233	32.87817	32.99867	9	4	5	2647254	19488968	17622164
480.3447	32.36175	32.21783	32.55467	10	5	5	582592.3	2909418	2779656
391.2385	34.49483	34.385	34.51567	5	2	3	36945.3	158437.3	142679.5
423.3321	28.76258	28.75417	28.78417	10	5	5	1989163	10733022	12260850
443.0418	22.12567	22.05267	22.1715	8	3	5	284261.6	1308887	1786765
404.2362	35.0285	34.91017	35.044	5	3	2	34943.25	307950.9	104724.7
424.358	19.44267	19.418	19.48333	7	3	4	81158.4	187613.5	226758
219.1746	11.94053	11.9344	11.95635	4	1	3	1099178	3479350	5258863
825.3556	10.68813	10.599	10.77118	8	4	4	24049278	55782901	1.14E+08
293.1391	23.39058	23.3445	23.41417	4	1	3	26407.25	62580.78	50418.26
742.1755	26.87017	26.81367	26.919	7	2	5	203472.9	722272.7	981019.6
825.612	31.44883	31.39017	31.45333	5	5	0	47932.76	156042.9	75795.64
523.3845	35.47067	35.42017	35.49033	7	3	4	57748.55	289529.4	353243.3
503.4086	19.75275	19.74033	19.887	8	4	4	142197.2	442596.1	493161.6
225.0608	31.58517	31.50383	31.61533	4	3	1	31890.53	105412.2	30807.36
427.1401	15.67018	15.54255	15.6747	5	1	4	66476.49	210015.9	378834.9
286.0742	18.13833	18.07617	18.158	7	3	4	269880.2	1231181	1651718
392.116	17.5455	17.50183	17.5815	6	2	4	196633	624481.7	1086036

306.2919	23.0335	22.728	23.06783	11	5	5	43257760	2.28E+08	2.43E+08
335.2224	16.0231	15.9643	16.039	6	4	2	453648.2	1653100	1692560
258.0802	22.119	22.04233	22.14983	8	3	5	362281.8	1263196	1665052
378.0978	25.02808	24.99383	25.07817	8	4	4	302801.4	1034204	1424581
725.616	9.482133	9.444983	9.537367	4	1	3	45763580	37984489	68113907
552.2709	9.178	9.101033	9.26485	5	4	1	2775028	6274760	2220576
235.1219	25.93025	25.91633	25.9615	4	1	3	37975.58	88198.61	71898.85
544.3404	29.20675	29.16983	29.31467	10	5	5	40659568	3.03E+08	2.79E+08
359.2152	9.537367	9.3803	9.63195	5	1	3	29429998	76854254	95430546
157.0837	5.744642	5.50905	5.820367	4	3	0	526484.4	5142803	5844636
555.176	42.73592	42.67917	42.7635	10	5	5	456097.9	2621937	1635176
684.6552	9.515	9.473767	9.57815	7	3	4	5473177	12951192	9730880
350.2408	34.7655	34.74983	34.8665	3	0	3	79273.85	491726.8	164349.3
320.0922	18.12142	18.09117	18.14367	6	2	4	168230.4	506040.3	669740.4
286.1889	24.853	24.83133	24.88917	7	3	4	123214.5	416311.6	524160.4
582.2959	29.215	29.16967	29.23017	5	5	0	58947.73	220578.9	184853.4
714.5381	25.82192	25.74983	25.88917	8	4	4	200670.7	528134.5	682061.1
749.4186	10.69263	10.64867	10.78962	7	3	4	1757487	2618583	3403985
587.3045	21.07242	21.0115	21.0915	6	2	4	1110755	1999338	2758817
503.122	12.42175	12.35715	12.4731	3	0	3	31034.78	68237.88	99998.86
631.4475	10.86975	10.86473	10.89347	3	0	3	142112	121269.7	218162.3
777.6974	15.46852	15.41618	15.48337	7	2	5	86772.97	331392.2	439728.2
413.3165	32.36517	32.31667	32.4155	8	4	4	336825.3	1238185	1782120
384.2961	23.10517	23.05983	23.13583	9	4	5	239528.5	947960.5	1064130
552.0623	21.02875	20.93383	21.0485	6	2	4	140987.9	328935.4	515306.2
254.637	9.199533	9.101033	9.2529	9	5	4	61610144	1.16E+08	1.83E+08
365.6834	9.534167	9.4881	9.5558	4	1	3	3793524	4338708	7463091
283.1359	38.14225	38.093	38.22983	6	1	5	57589.89	262379.4	96085.95
318.1087	21.13817	21.05833	21.17	7	2	5	878343.1	2120338	2173673
400.8448	10.43611	10.3779	10.52207	4	1	3	376626.5	670226	721772.1
366.1004	20.28483	20.28083	20.29067	5	2	3	76765.23	252801.6	288987.4
512.3881	28.80817	28.77283	28.823	9	4	5	178092.6	821890.9	987528.8
445.0373	22.11158	22.03667	22.14983	6	1	5	105290	416462.1	545381.1
288.2425	11.20343	11.02648	11.21608	6	2	4	131841.2	425222	440169.4
279.1439	30.80633	30.784	30.84967	3	0	3	770746.3	2271934	2107655
250.1609	6.193717	5.9699	6.371333	5	3	2	5259234	64111019	56221711
538.4317	43.27758	43.248	43.30783	4	1	3	21488.71	86713.84	35882.06
529.1434	22.11417	22.03667	22.14983	8	3	5	209902	932417.3	1203594
316.2278	30.12017	30.02733	30.13367	7	3	4	160063	644840.8	715297.9
321.2906	23.10367	23.0875	23.1535	5	3	2	50046.84	122485.7	150863.6
747.5208	42.71042	42.636	42.74967	6	2	4	35877.07	158568.2	63806.81
526.4376	23.6865	23.6715	23.707	6	2	4	48487.19	152235.3	198338.7
175.5563	16.69283	16.63858	16.70467	5	2	3	29339.52	60998.48	81277.01
548.2442	28.08833	28.07333	28.1785	5	2	3	394645.8	1836648	2347235
236.1647	29.7555	29.69567	29.79767	4	1	3	56459.95	163920.6	166650.2
572.3716	32.71533	32.646	32.83033	10	5	5	3125222	15436991	16128114
459.3216	32.50425	32.4595	32.55117	8	3	5	159408.2	676958	783383.8

810.3776	23.74767	23.639	23.79683	9	4	5	230064.2	858861	1058286
460.0568	20.44133	20.4115	20.47867	4	1	3	127110.3	330911.5	479595.5
466.3289	10.93871	10.91052	10.9508	6	2	4	76198.19	111136.2	97712.14
894.6292	33.92717	33.90133	33.98017	6	2	4	38140.51	142070.7	181610.5
402.337	23.81375	23.72383	23.8255	6	3	3	241169.8	1420777	1691417
228.1035	24.49708	24.48167	24.50533	4	1	3	42166.9	87482.31	149384.5
913.2925	28.27817	28.25117	28.29367	5	2	3	29171.97	79957.51	98704.49
354.2857	22.36908	22.29433	22.38517	10	5	5	9685774	43467251	47087302
319.1609	43.6335	43.58917	43.64817	3	3	0	39070.96	542529.6	119686.4
363.2381	8.853533	8.747883	8.90875	5	2	3	310006.3	305403.5	301702.4
599.1155	20.6555	20.62233	20.7265	8	3	5	2126713	8164113	11406770
541.6663	29.21342	29.18433	29.31467	6	3	3	46304.41	216028.2	208723.2
718.4742	9.500283	9.473767	9.596683	9	5	4	12517078	30691204	32763287
815.3272	10.70767	10.63273	10.75237	7	2	5	2486614	6778553	11915666
454.3729	9.206217	9.132617	9.2938	4	3	1	21079678	19600771	20666201
315.2243	10.87195	10.83142	10.93685	4	1	3	168967	251733.3	332402.4
570.3185	7.3759	7.352633	7.378933	5	2	3	833287.6	1086265	1897805
482.2651	8.955617	8.78305	9.275233	6	3	3	417074.3	797892.5	866118.2
274.2745	24.646	24.56567	24.683	9	4	5	174867.8	596949.8	660617.3
219.1961	10.95827	10.82627	11.20103	8	4	4	250585.7	669396.6	778865.8
1142.063	10.67446	10.66473	10.69263	4	1	3	1086135	1070973	2383057
257.267	36.61017	36.57717	36.63333	5	2	3	59921.47	232499.4	266077.7
450.5554	9.199533	9.101033	9.280533	9	5	4	14179035	33214222	22274999
416.6898	32.13083	32.10233	32.13233	4	1	3	148938.1	252625.4	553388.4
485.3333	9.134867	8.92085	9.178	5	3	2	2791413	3106510	3181963
467.3583	28.79292	28.77283	28.81533	10	5	5	1458865	6843500	7937267
451.0504	33.96258	33.924	33.98017	4	1	3	41901.59	80585.89	178449.1
343.0166	22.11567	22.06867	22.17817	10	5	5	94581.92	584376.6	549246.4
305.0504	23.04517	22.97417	23.06783	7	3	4	70821.07	305950.9	353132.8
346.2535	22.385	22.29433	22.43817	5	2	3	601791.5	3273747	3406754
475.0068	42.97408	42.928	43.0025	4	1	3	61865	351260.2	95192.25
298.2463	26.85267	26.76533	26.8685	7	3	4	109047.6	583581.9	663898.9
386.2695	38.32192	38.29233	38.3375	8	3	5	254516.8	794877.9	718794
581.1046	20.64217	20.628	20.687	5	2	3	98107.94	230820.9	331969
316.9759	22.9905	22.97417	23.01433	6	2	4	83866.1	331294.7	413445.8
424.3354	28.76367	28.74283	28.77533	10	5	5	451107.6	2062944	2402871
378.1812	35.07092	35.0405	35.103	4	0	4	198378.4	1525383	439550.6
351.0531	14.95307	14.92117	14.99768	5	1	4	92338.09	263789	479005.4
177.1123	28.77017	28.7325	28.7945	6	2	4	99742.88	662451.2	472084.3
307.294	23.046	22.97417	23.06783	10	5	5	9277092	47153169	50676209
470.1823	14.02387	13.991	14.06243	4	1	3	99523.48	246433.1	470122.3
282.142	23.17983	23.10367	23.20917	9	4	5	86186.24	370736.7	304486.1
544.3314	26.87017	26.79817	26.919	9	4	5	192483.2	776123.6	635468
584.303	29.18433	29.14083	29.24117	5	2	3	240499.8	741623.1	626614.1
343.1208	16.76283	16.7435	16.78133	5	1	4	95037.3	224888.8	336336
285.1857	22.09017	22.005	22.107	8	4	4	583890.6	1859486	1945617
706.5233	28.80508	28.78783	28.823	8	3	5	92658.63	361217	465085.1

328.2641	31.95133	31.88283	31.97133	7	3	4	205491.5	814157.5	1007749
461.3503	23.4305	23.38433	23.46133	9	5	4	841230.1	3775753	4149757
310.2101	25.61258	25.53183	25.63	8	4	4	458919.3	1401226	1739521
316.9304	17.9705	17.87	18.0795	7	3	4	550332.1	2397315	3665525
405.1004	22.04383	22.005	22.06467	5	2	3	69783.72	136297.4	206797.8
329.0002	18.1585	18.0745	18.19983	7	4	3	106086.1	439846.7	373605.4
511.1429	22.13925	22.03667	22.15067	6	2	4	281047.3	861219.4	1209189
363.3015	31.13325	30.87817	31.1955	12	5	5	452937.5	1123088	1284199
261.2427	31.5405	31.49917	31.58833	10	5	5	895027.4	3937796	4395569
341.2883	35.06517	35.0405	35.09983	4	0	4	93017.78	613489.6	195097.8
309.1263	23.0335	22.92367	23.06	5	2	3	824082.5	5428311	9152452
319.1211	10.9938	10.85052	11.20103	5	1	4	745624.8	2087879	3361066
363.1116	30.40333	30.25217	30.51683	6	3	3	219372.5	1102723	1246790
218.139	16.79567	16.73383	16.844	8	3	5	227100.5	1388752	1343224
476.3727	7.436833	7.40945	7.521283	4	1	3	2824868	2118523	2894644
547.3468	42.621	42.58783	42.6495	7	3	4	41577.89	206299.7	131793.2
385.2742	28.385	28.33317	28.47817	8	4	4	104032.4	353457.7	416754.4
491.3277	23.77808	23.76617	23.79683	6	2	4	54045.01	170680.5	183793.3
578.4179	29.95658	29.9205	29.97433	10	5	5	98961.38	983915.5	255315.9
397.2361	27.54075	27.4865	27.59317	8	4	4	60629.49	297268	261983.3
297.0827	42.74367	42.69367	42.75433	9	4	5	74383.79	523464.2	280907
342.2281	24.60117	24.535	24.63833	7	2	5	176599.8	615588.5	765916.2
355.9891	19.3495	19.29933	19.37217	9	4	5	988646.8	3868102	5453300
513.3987	31.89617	31.841	31.95133	6	3	3	43125.95	109295.6	122560.1
496.331	27.45867	27.43983	27.53083	9	4	5	502159.8	3030291	2996852
313.1343	22.10242	22.05267	22.1365	10	5	5	348613.5	1919500	1397336
451.1684	23.181	23.17983	23.20917	5	1	4	42406.17	68640.9	97785.12
363.2584	10.69508	10.6035	10.86473	5	2	3	1.26E+08	2.61E+08	4.24E+08
256.6349	9.186383	9.15355	9.2529	5	2	3	2780633	3987638	5606738
400.8321	10.45238	10.35103	10.4628	3	0	3	455364.3	819901.6	755458.4
830.3544	10.69345	10.6177	10.75237	4	1	3	316570.6	631504.7	1157075
301.2081	20.64217	20.599	20.7355	7	3	4	79623.71	302495.7	250704.6
279.1001	18.13833	18.06983	18.158	9	4	5	703132.7	3333036	4325022
608.3869	9.203767	9.101033	9.2529	8	5	3	5653461	7777460	5421267
398.7935	11.4726	11.39747	11.64007	7	4	3	280635.9	865532	1206097
370.0271	18.12375	18.0745	18.1585	8	4	4	147303.6	787178	693547
184.1699	18.21758	18.1645	18.24417	6	4	2	96558.14	368387.8	359030.6
205.9723	19.3495	19.32383	19.364	5	2	3	50446.55	164661.7	233457.5
488.1739	12.50022	12.4807	12.68145	5	1	4	265626.2	775748.8	1547347
256.0848	22.11725	22.03667	22.14983	10	5	5	1004007	4085814	5359144
319.1059	21.13833	21.05833	21.17	7	2	5	248749.2	876822.2	1087616
233.2114	24.92267	24.87683	24.94967	10	5	5	488268.6	1769223	2151671
324.97	16.957	16.84733	16.98783	7	5	1	201806.9	390050.6	207055.5
532.1972	21.2755	21.22133	21.32917	5	2	3	42050.73	96613.27	112559.2
300.1103	22.13317	22.06867	22.15117	6	2	4	139027.7	530072.7	660877.4
1179.538	10.67828	10.64782	10.74052	3	0	3	442368.9	732152	1087890
295.1545	19.54033	19.52933	19.5465	5	4	1	172236.9	856929.1	770107.8

412.1577	20.985	20.94567	21.32917	10	4	5	2907602	18978786	24905909
621.4607	11.06503	10.95727	11.0843	7	3	4	102270.2	159024.9	202152.4
541.175	25.6825	25.66133	25.69883	5	1	4	300668.5	473076.4	1022105
222.075	28.16133	28.05933	28.176	7	3	4	129324	388192.4	372224.6
273.1154	22.12717	22.11583	22.14983	5	2	3	127417.1	430841.5	523009
396.1083	22.98233	22.943	23.01883	10	5	5	12642668	55854600	61326330
244.2063	12.60474	12.5681	12.73457	8	4	4	504933	1242555	1906195
415.6898	32.12658	32.11483	32.16417	6	1	5	627995.7	1105867	2424660
348.8823	9.537367	9.47815	9.560017	5	2	3	6807139	9331899	15542938
583.2573	29.09583	29.08283	29.16983	3	3	0	1108293	1546001	3134005
384.1516	23.28142	23.25383	23.31433	6	2	4	53951.1	174389.4	195524.1
422.3479	19.03317	19.01383	19.10083	4	1	3	62105.71	118935	85964.88
571.2708	10.53752	10.52038	10.65043	6	2	3	2787133	2376548	4323234
683.5258	9.591083	9.48745	9.9111	5	1	3	9246927	10884639	11379665
179.9938	17.735	17.54583	17.75183	8	4	4	132261.3	868798	957249
838.625	32.79425	32.741	32.84617	10	5	5	123242.4	284918.7	290338.8
223.0055	12.7426	12.5098	12.84028	5	1	3	94688.79	270885.3	353223.2
356.0069	22.99917	22.97417	23.01883	5	2	3	74238.35	189705.2	260325
597.3854	10.08485	10.02378	10.1429	4	3	1	123274.3	116502.7	80918.57
504.17	10.67897	10.63273	10.75237	9	4	5	45635312	1.56E+08	2.9E+08
435.2495	26.4285	26.40217	26.5035	5	2	3	78323.55	190176	212610.3
415.2464	19.81933	19.802	19.939	7	3	4	186117.5	651992.5	478602.4
229.1438	14.49297	14.39572	14.5705	7	2	5	302494	2826066	2716332
214.2534	22.12983	22.03667	22.17	9	4	5	271494.1	982389.6	1003542
298.2746	24.5265	24.45033	24.59417	7	3	4	104670.3	364386.9	432360.7
522.3469	29.1325	29.09717	29.22633	10	5	5	968979.8	3494062	3538738
729.458	40.65875	40.61117	40.681	8	5	3	78773.71	541239.2	209412.1
381.1478	26.22483	26.16633	26.238	7	2	5	171006.7	940565.6	1255054
759.0533	18.10458	18.10333	18.155	4	1	3	238039.1	653696.9	1169532
315.1789	10.41245	10.27417	10.65043	6	4	1	1578711	5505159	8432031
292.2568	28.42583	28.3955	28.45267	10	5	5	1040214	5161076	5879507
348.1218	31.63183	31.61217	31.67417	4	3	1	64116.54	154916.3	197680.4
265.084	13.6958	13.60817	13.73812	4	1	3	74092.71	399699.1	673964.3
453.1844	20.64342	20.58967	20.7355	10	5	5	7742535	35240521	46066162
906.6859	9.899992	9.817433	10.049	8	2	4	2927112	4954320	6556675
398.4064	22.98917	22.943	23.01033	5	2	3	47432.77	134090.8	214066.7
316.3216	27.02833	27.01267	27.05417	6	3	3	837314.6	2506517	3154728
286.0942	18.11767	18.07617	18.18483	5	2	3	190880.8	626059.1	823340.8
752.2183	29.12583	29.096	29.18217	5	3	2	149582.7	239177.6	180349.8
467.1999	26.98317	26.95617	27.01333	6	2	4	149572.8	555056.9	694674
761.5466	34.39317	34.35167	34.401	10	5	5	1676809	7938163	9782803
655.4422	10.0024	9.960633	10.03782	5	2	3	374760.7	630743	1018055
700.428	23.82317	23.7885	23.84167	6	2	4	36475.41	138376.5	90257
1069.492	28.77508	28.70233	28.78	6	3	3	82291.08	276335	329192.6
381.2025	23.78558	23.66983	23.8115	10	5	5	956807.7	2471021	4009072
506.3253	27.02783	27	27.08717	8	4	4	70124.36	414880.3	325253.4
993.4725	10.6858	10.66922	10.69392	4	1	3	336830.5	495246.7	1012193

423.2466	10.41848	10.34782	10.45412	9	4	5	2.48E+08	9.94E+08	1.27E+09
440.219	30.84933	30.83167	30.8645	5	1	4	143704.9	283291.7	385137
199.1697	20.42825	20.3965	20.56367	8	4	4	688177.1	4961397	1641308
254.6275	10.02141	9.9637	10.03463	4	1	3	261661.5	548834.3	786128.2
807.5783	34.228	34.21783	34.2455	5	2	3	52078.29	110532	189559.4
332.1864	16.28672	16.24337	16.32	4	3	1	34113.27	186333.3	77993.99
628.464	34.97842	34.92267	35.009	10	5	5	5028156	26371002	31465717
454.2918	23.7825	23.66983	23.8115	10	5	5	3987138	11791705	17833845
429.0497	28.96367	28.908	28.98767	4	1	3	47992.41	56188.11	113974.7
355.2891	22.36908	22.29433	22.38517	10	5	5	1820470	7515761	8452231
716.5168	34.57133	34.535	34.58683	10	5	5	5215443	27029980	32449989
712.902	19.69233	19.67567	19.7165	4	1	3	64254.73	110623.2	226222.6
673.2487	27.72633	27.71967	27.74633	6	3	3	89790.35	551659.1	609713.4
639.3128	41.19333	41.178	41.23617	10	5	5	297718.5	1620596	1143839
488.1556	26.65017	26.63917	26.69383	5	2	3	42826.95	81964.85	105140.5
360.3308	22.38925	22.327	22.4055	6	2	4	63707.4	195265.1	188708
543.3949	26.65383	26.63517	26.66483	5	2	3	56496.2	158005.2	198472.5
233.1751	17.03717	16.97933	17.06667	10	5	5	224654.4	1344402	838084.6
224.2124	23.046	22.97417	23.07817	10	5	5	714823.2	3217914	3548658
581.1987	25.67708	25.63383	25.69883	6	1	5	520381.7	891189.9	1977478
752.4434	41.208	41.11967	41.23617	7	3	4	101995.6	361159.3	177623.3
161.0809	32.50483	32.37967	32.54	10	5	5	950828.9	5073066	5314778
424.3455	10.23778	9.946617	10.25657	8	3	5	1409688	968517.5	1155891
187.1118	35.58967	35.53	35.65117	3	0	3	40870.07	362161.3	57191.29
644.2658	28.498	28.492	28.568	5	2	3	101474	343604.4	343498.6
366.148	15.59958	15.57163	15.65882	4	1	3	73662.09	312092	424467.4
241.2721	32.79183	32.741	32.835	7	3	4	46676.54	184773.3	115631.8
576.3905	24.74217	24.73033	24.79483	9	4	5	159974.5	448931.1	623905
245.1303	9.2076	9.178	9.2529	5	3	2	7537442	14634977	20682043
381.2989	25.801	25.76133	25.82183	7	3	4	111994.8	320253.2	386799.6
518.3196	36.595	36.535	36.71167	5	3	2	29717.09	148572.2	70264.88
595.3754	22.77183	22.71633	22.7825	5	2	3	99583.22	209469.6	354317.4
311.0908	11.05192	10.97798	11.1665	3	0	3	119257	482246.1	419719.5
672.4902	34.7655	34.72133	34.786	10	5	5	6027859	30442513	36328318
276.1026	18.09833	18.04133	18.1585	4	3	1	94201.13	228761.7	240886
298.1148	22.12617	22.05267	22.15067	8	3	5	368700.8	1636678	2092346
525.8381	32.11683	32.05683	32.19283	10	5	5	232528	1292855	1403344
463.3616	20.84367	20.82067	20.86083	10	5	5	1471289	4986990	6141414
228.1598	9.186383	9.08515	9.243133	5	3	2	1573944	5457661	3393743
283.0956	15.87101	15.81567	15.90692	8	3	5	300591.9	1738681	2120789
568.3194	29.13283	29.04817	29.21517	4	3	0	37330252	52129954	71983520
434.2089	17.29183	17.22267	17.30967	5	2	3	62749.23	204020.7	106886.2
314.342	37.63942	37.6125	37.71217	6	4	2	20361.05	149498	40301.03
371.2173	9.532875	9.473767	9.584433	8	5	3	19308994	65287745	39950857
383.3718	36.93217	36.91383	37.065	5	3	2	31776.65	71883.56	61022.38
381.2517	20.69375	20.65667	20.7355	4	1	3	78103.05	191024.3	235675.8
373.2378	41.76	41.686	41.777	9	4	5	32236.8	302335.8	44445.8

360.1323	21.14133	21.13467	21.17	5	3	2	96527.73	232462.8	310694.3
483.3914	18.42267	18.374	18.47633	9	4	5	158369.3	583302.8	621558.8
442.3444	10.79546	10.7246	10.82042	8	4	4	764975	1236032	2003852
702.1786	22.13133	22.05267	22.1365	6	2	4	427415.8	748571.3	1146524
264.1048	19.55083	19.51717	19.58533	4	1	3	91055.75	340540.4	482925.7
498.3795	30.63583	30.63167	30.7045	4	3	1	112391.6	493164.9	412705
299.1186	18.12058	18.03217	18.1595	10	5	5	1342007	3996512	4462836
293.6454	22.13158	22.03667	22.14983	6	2	4	56994.73	205485.7	293693.7
321.1013	21.13092	21.07017	21.17	6	2	4	104715.2	270216.8	354828.7
336.23	9.199533	9.101033	9.515567	9	5	3	14940275	37583774	28151554
829.6105	43.0995	43.02783	43.10017	3	0	3	15203.76	44542.96	18185.23
299.3506	30.7775	30.7485	30.874	7	4	3	249997.8	381935.7	349021.7
269.2479	31.138	31.03117	31.15433	4	1	3	219920.1	2323504	1623081
723.5898	31.12525	31.08133	31.172	10	5	5	3108831	8998554	8511891
328.082	27.18292	27.11533	27.22933	8	3	5	92562.55	375775.5	373502.9
435.3345	9.187083	9.101033	9.280533	7	5	2	1.49E+08	3.85E+08	2.74E+08
677.9472	18.1235	18.00283	18.19983	5	1	4	74526.96	163577.2	255131.1
571.8018	29.19917	29.16983	29.29983	7	3	4	878429	2866386	3860513
356.293	22.35883	22.27817	22.3935	6	3	3	74814.59	177073.5	194616.3
528.1571	26.91183	26.84583	26.94067	6	3	3	100128.9	372153.8	458761.8
398.306	27.22325	27.1775	27.25833	8	4	4	243390.5	838705.8	923864.2
525.3648	32.117	32.08783	32.19133	7	4	3	294093.6	1191958	1404618
540.1718	25.67708	25.64683	25.69883	6	1	5	1408177	2421366	5303446
275.2566	19.45233	19.44267	19.48333	3	0	3	23658.41	38266.01	42031.69
586.7619	29.21267	29.18433	29.24117	5	1	4	165567.4	340106.3	564949
200.1727	33.48075	33.40883	33.5045	8	4	4	326845.8	1779699	1620427
377.1966	24.97383	24.93717	25.02533	10	5	5	251140.6	933176.7	1219281
502.4053	19.74658	19.7225	19.887	10	5	5	1278260	5116959	5734844
752.6242	34.82767	34.82217	34.88117	7	4	3	685893.3	2358302	1197020
333.3348	32.7825	32.741	32.835	10	5	5	1366301	9191383	5084975
632.1727	9.529058	9.474117	9.545617	4	1	3	1648478	2213059	4601155
482.0566	24.34375	24.267	24.35767	6	2	4	79590.11	241433	365101.2
641.4628	17.20567	17.18383	17.2395	10	5	5	578843.4	2691357	2338369
288.2902	21.96133	21.87817	21.99517	10	5	5	1936710	7502269	8140715
382.3435	10.05089	10.02378	10.12338	8	5	3	508257.4	1075269	1843511
554.3136	19.795	19.745	19.90433	4	1	3	110176	171303.8	188157.8
247.1785	15.62142	15.57163	15.66007	7	3	4	109780.2	645870	785999.3
379.3059	28.70025	28.67617	28.70567	10	5	5	2811520	15326154	17107715
427.1871	16.638	16.59617	16.67783	9	4	5	166517.7	637909.2	689891
295.1958	8.917533	8.7127	8.989483	9	5	4	1022326	2330023	1909175
753.3919	10.66922	10.62815	10.77118	7	3	4	10898045	16409516	34244420
564.3598	9.1345	9.020933	9.184033	8	5	3	4973090	8224873	6557631
401.1161	10.33661	10.30387	10.42227	4	1	3	956570.8	1766528	2004409
554.007	19.3495	19.32383	19.40817	5	2	3	73250.45	137189.8	237111.9
299.1835	17.67367	17.63367	17.7365	9	5	4	90356.48	390078.4	341040.3
493.1776	10.68373	10.62147	10.806	5	4	1	213981.9	346933.1	248819.2
571.35	29.14033	29.09583	29.16983	7	4	3	526645	536145.1	475956.4

299.2014	29.55367	29.50583	29.56833	3	0	3	1910557	6888074	7216414
590.8086	10.60763	10.56983	10.77118	7	2	4	1270804	1137822	1997281
299.107	22.12467	22.05267	22.14983	10	5	5	1376647	6293951	8122727
752.3895	10.67897	10.599	10.77118	7	3	4	20265508	29931454	62792710
369.1255	34.03325	33.989	34.083	8	3	5	444232.7	1828074	2456371
365.3895	39.83133	39.729	39.9665	7	3	4	33195.93	105994.4	95469.85
717.5201	34.57133	34.52267	34.58683	10	5	5	2066831	9928949	12236980
456.3532	9.210858	9.101033	9.266617	8	4	4	9033667	18869342	13673390
361.2742	28.3815	28.32717	28.47817	9	5	4	342434.4	1248075	1477657
316.1995	26.64758	26.61617	26.68133	10	5	5	770940.6	3016785	3417663
701.4959	9.525517	9.463983	9.596683	8	5	3	2.05E+09	6.3E+09	9.59E+09
548.3714	33.42067	33.32533	33.79317	9	4	4	541244.8	2756825	2847283
311.7182	23.50233	23.42917	23.58517	10	5	5	182352.8	1111162	1236739
419.2797	24.90892	24.87683	24.94967	10	5	5	473927.7	1708353	2048467
548.2442	27.76017	27.731	27.84883	7	2	5	1037833	4852780	6125467
417.1366	20.9615	20.93383	21.03417	10	5	5	3674343	25830311	34095937
619.2595	10.65813	10.56337	10.73325	6	2	4	503241.9	805674.5	1607946
165.0913	25.79883	25.71833	25.83717	7	4	3	467235.4	2153148	1713000
601.0371	18.141	18.05717	18.16983	4	1	3	68747	180383.2	255729.8
496.3403	30.0245	30.00317	30.1315	10	5	5	10375080	73908189	40272724
327.0089	20.09758	20.04883	20.23717	8	4	4	242441.9	1752053	1313730
202.1802	8.690483	8.51555	8.69725	3	3	0	4230425	39080657	34930375
347.2212	20.74483	20.72933	20.84833	5	2	3	69825312	66328131	1.34E+08
375.2108	16.968	16.937	16.99633	10	5	5	307307.5	1125877	1292188
567.9104	31.31508	31.16467	31.33367	4	3	0	92627.73	449165.1	281924.5
643.4637	28.80858	28.78783	28.83383	8	3	5	87367.09	316660	387407.1
454.023	13.89312	13.8347	13.94133	6	1	5	148678.5	570057.2	1018253
418.2434	43.69433	43.51133	43.80233	5	3	0	69037.09	630993.8	224718.2
291.2361	32.5135	32.37967	32.53617	5	3	2	171372.9	619698.4	728571.8
360.2567	9.197192	9.116917	9.266783	6	4	2	3673167	6229264	9070584
415.2119	23.86883	23.77933	23.9	8	4	4	1249443	6046128	5731853
396.2513	24.97383	24.91317	24.98317	7	4	3	218022.3	501431.6	774898.2
464.3649	20.84617	20.80517	20.86083	9	4	5	152437.7	460414.4	580797.3
213.0577	22.13033	22.06867	22.15067	7	3	4	216746.8	660405.5	746103.4
380.1985	36.58258	36.57717	36.64183	4	3	1	124570.3	471754.6	499987.7
300.29	35.16125	35.147	35.19067	6	3	3	133945.3	654578.3	428441.7
253.6372	9.196992	9.116917	9.257833	8	5	3	3849627	7879525	10558335
380.2438	23.15033	23.13033	23.1515	4	0	4	82114.14	526734.4	288588.3
500.0488	13.73298	13.6964	13.76748	4	1	3	47058.1	144783	247958.9
198.1855	13.02208	12.97645	13.06513	7	3	4	205994	448278.2	469900.4
1068.489	28.78417	28.7325	28.816	9	5	4	144005.7	595529.1	633265.1
389.1417	21.00667	20.96383	21.0485	7	4	3	496533.2	2633691	3511058
255.6372	9.217975	9.15355	9.278583	8	4	4	8147538	13137490	19554519
655.3083	41.1335	41.1185	41.33767	5	2	3	3849134	13991373	13126152
299.2012	21.03583	20.9615	21.0915	9	4	5	992722.5	5049211	5092099
468.3616	28.79333	28.77483	28.8625	9	4	5	319261.7	1379918	1633734
573.5303	30.24875	30.23533	30.34733	6	3	3	30087.74	112267.8	122453.9

278.1909	11.7002	11.6697	11.89242	7	2	5	147873	524456.6	485552.8
410.1238	27.79158	27.73433	27.83883	8	4	4	129004	631460.9	650718.6
453.3747	9.14945	8.98005	9.584867	7	3	2	77027776	46007186	39303209
317.1154	30.84833	30.74683	30.88867	10	5	5	1264917	7901293	5834697
349.1217	19.5465	19.50067	19.64533	7	2	5	104104.8	339341.9	498514.8
422.2905	39.53083	39.471	39.59083	4	1	3	57140.27	403829.5	139633.7
524.3621	32.10967	32.07183	32.20817	10	5	5	3106364	17231546	18318927
621.275	32.10267	31.942	32.26833	9	3	4	184909	1014774	1103447
338.1084	23.56967	23.4875	23.58417	5	3	2	82729.63	196175.9	274475.7
396.3265	30.34833	30.33317	30.3545	4	1	3	41745.45	119321.1	94700.1
229.2164	28.76475	28.69817	28.78033	8	4	4	131963.8	697791.5	756335.2
278.2693	31.52108	31.49917	31.58767	8	4	4	381162.3	1666642	1820632
541.2625	7.235117	7.161867	7.244283	5	2	3	387739.4	487989.2	860980.7
357.2904	18.95217	18.9245	19.02667	5	2	3	50377.09	128148.4	111381.3
476.2552	19.9865	19.985	20.10783	3	0	3	146308.4	524633.6	534226.7
701.1758	22.13133	22.03667	22.1365	6	2	4	1122086	2400229	3794878
748.5338	31.94217	31.92633	31.9665	6	3	3	96860.98	413525.5	515529.1
573.4171	43.58733	43.527	43.63283	3	3	0	62985.41	225663.4	58140.26
827.3597	10.67897	10.63273	10.77118	7	3	4	2746051	6182306	11935919
542.6686	30.84733	30.806	30.95983	5	3	2	30329.85	100108.6	119617.4
396.2901	32.37983	32.31667	32.408	10	5	5	1481691	6223031	8081367
357.0102	16.95158	16.9075	16.96683	6	3	3	66576.31	171576.9	209326.6
826.3586	10.67863	10.58428	10.75237	8	4	4	12230486	26718464	54103658
291.2536	19.47867	19.4575	19.5185	8	3	5	99544.52	501558.3	421013.7
241.056	19.6185	19.58717	19.64167	9	4	5	208114.6	886167.1	910359.4
425.2877	39.74383	39.66433	39.80883	9	5	4	144056.1	886644.4	514830.6
460.3429	23.19433	23.17283	23.22467	5	2	3	512856	809418.9	897988
611.4074	11.02411	10.97327	11.08012	6	3	3	156278.6	446353.3	569597.3
293.0147	9.225117	9.065617	9.3075	5	1	3	6440379	8652645	14967831
399.1261	20.65483	20.605	20.7265	9	4	5	986068.2	3665196	4896457
157.0837	6.116867	5.9699	6.344883	4	3	1	744719.6	3767812	3431419
379.2963	22.55683	22.48433	22.57717	5	2	3	50923.49	140375.3	115164.2
463.1432	10.69325	10.54903	10.77118	9	3	5	12277923	37287696	67845301
246.1336	9.222183	9.160333	9.297233	5	2	3	3531968	6094922	3667009
285.0915	15.89331	15.85218	15.92058	8	3	5	91542.8	492506.4	633501.3
472.9294	9.1803	8.85025	9.266617	6	4	1	2026694	9369905	9534965
377.25	17.54567	17.414	17.55933	3	0	3	53251.84	151761.7	127522.8
312.1814	17.27442	17.2395	17.3235	8	4	4	128003	539182.8	606832.9
641.522	31.4795	31.43467	31.52733	5	3	2	50713.99	210017.2	223112.6
530.3247	31.88283	31.847	31.93083	7	4	3	186058.3	597554.7	776657.5
501.1118	18.11767	18.0555	18.1585	9	4	5	288328.9	1212723	1428798
296.5881	22.13133	22.03667	22.1365	6	2	4	58153.41	196456.3	285685
484.1092	18.13833	18.06983	18.158	9	4	5	7113638	26562388	42138335
407.7984	11.47543	11.33502	11.50023	6	3	3	195206.2	698247.7	868657.8
331.0027	20.08267	20.06317	20.11383	5	2	3	70065.83	372086.6	257672.7
393.9932	15.88558	15.82215	15.90692	4	1	3	82095.25	375632	443042.2
594.3764	33.71317	33.64183	33.7715	3	3	0	34159.21	142040.9	136201.9

366.8447	9.504625	9.460417	9.537367	4	1	3	9569030	9675892	15433824
265.1915	14.84613	14.79143	14.90665	8	3	5	49753.39	211160.7	250528
384.3143	10.09275	10.03412	10.1147	6	3	3	318447.7	335251.7	587924.3
347.2567	21.88367	21.87383	21.889	5	3	2	456041.3	2267996	2408163
510.3197	19.99158	19.9375	20.15683	8	4	4	168465.5	789796.8	676603.8
350.2176	43.03133	42.66967	43.0855	7	1	3	42618.79	461821.6	103069.2
399.3586	27.29892	27.25033	27.34783	10	5	5	3411088	14638017	15989593
314.1058	25.68575	25.63383	25.71367	6	1	5	100750.2	252913.1	306051.3
332.3165	27.64408	27.594	27.67517	8	4	4	1269660	3490778	5223154
525.1358	18.128	18.06983	18.1585	8	3	5	1799054	6268969	10137889
431.3751	24.61133	24.57617	24.63383	10	5	5	2298208	11362758	13098472
224.2379	16.49343	16.46872	16.53408	4	1	3	26310.89	39095.05	48767.55
238.1607	9.181633	9.101033	9.2529	6	3	3	2491263	7700913	10366841
377.2902	32.2765	32.23883	32.31033	8	3	5	125013.5	484255.4	543763.8
715.511	9.791017	9.7455	9.808167	7	4	3	837795.5	1670981	2627320
439.7171	30.85667	30.83133	30.8645	6	2	4	241973.7	404294.7	836976.2
392.3164	37.00658	36.93267	37.02017	4	0	4	99856.42	919118.9	145603.5
341.2666	34.76183	34.73667	34.77183	7	3	4	189553.1	823673.8	788643.3
831.413	9.5169	9.472433	9.549217	3	0	3	2437549	3965151	7602468
505.1731	10.68777	10.63273	10.75237	8	4	4	12961649	42270875	80853325
453.3539	9.199792	8.881033	9.2866	10	5	5	4.59E+09	1.1E+10	8.03E+09
353.146	15.5205	15.48072	15.60238	10	5	5	131551.9	575439.2	387747.1
310.21	27.50133	27.38533	27.547	9	4	5	84636.7	367205.5	382391.1
561.3694	33.966	33.93033	33.995	9	5	4	405742.5	2434686	2191714
375.2155	22.34083	22.262	22.3935	5	2	3	53987.2	143015.4	138533.1
472.3753	20.18008	20.16367	20.35917	8	4	4	154561.4	530754.5	590633.9
375.7212	9.3198	9.266617	9.547767	6	2	4	1202434	1723329	2331770
238.0524	27.8655	27.7785	27.91233	6	2	4	41763.36	146131.7	184236
173.1731	23.49417	23.44383	23.55217	8	4	4	101971.5	401405.3	455274.9
402.0152	22.12592	22.06867	22.201	8	3	5	347734.1	2003468	2761529
555.0038	19.35933	19.28517	19.37883	5	2	3	63762	140490	209181.1
314.9375	23.50233	23.42917	23.6005	10	5	5	178219.3	1077370	1203122
374.0208	22.13633	22.09383	22.16383	4	0	4	64719.38	138998.5	193761.9
245.1945	13.02219	12.9761	13.12275	10	5	5	437517.6	1498664	1533807
197.1539	20.18342	20.15683	20.29917	4	1	3	157524.3	1051920	883899.8
752.8911	10.67828	10.62815	10.77118	7	3	4	18554856	28892055	60526456
259.1656	29.9975	29.93583	30.02217	3	0	3	191741.3	504150.7	608059.3
332.2133	9.871867	9.845267	9.899967	4	1	3	665112.9	1703443	2687911
598.2083	22.50667	22.4695	22.55683	6	3	3	48722.53	144867.2	168455.2
488.1049	18.12142	18.089	18.20117	6	2	4	123541	372103.1	638519
360.2743	23.73808	23.6485	23.83067	6	1	5	364571.5	2224772	2389140
263.6844	8.646958	8.3878	8.657033	6	4	2	357565.7	845409.7	1237447
378.2129	9.50195	9.44975	9.577667	5	2	3	4501321	10131397	16590939
308.28	28.42483	28.3955	28.45267	10	5	5	4310498	23368582	26425967
166.0865	22.52058	22.4575	22.542	6	3	3	65404.56	217911.4	235511.9
402.2073	22.1075	22.107	22.15117	3	0	3	80922.57	136824.5	62300.57
367.3325	29.7425	29.72533	29.76817	9	5	4	108717.4	444597.7	456112.6

428.9233	22.16517	22.1215	22.1655	3	0	3	50077.66	98418.82	119943.5
280.1549	24.85883	24.8165	24.903	7	3	4	43058.33	166154.6	110455
814.5907	11.46403	11.35	11.65552	9	4	5	888704.3	3333005	4309658
648.177	20.42417	20.397	20.51167	6	2	4	109069.7	246450.8	387984.5
300.2046	20.63708	20.605	20.7355	10	5	5	990174.2	4957477	5206806
268.2637	25.11808	25.09317	25.13417	4	3	1	46975.29	224993.8	237389.1
415.2461	19.17483	19.168	19.24833	10	5	5	135069.1	509540.1	440346.4
388.5594	23.295	23.25383	23.31433	7	3	4	50934.57	170289.4	205585.9
451.1888	24.33283	24.28167	24.34483	5	2	3	69008.01	192577.4	241881.9
305.2884	22.76783	22.73733	22.79233	9	4	5	995404.4	2700074	3580497
559.4474	31.62058	31.59733	31.66967	8	3	5	187127.7	767033.3	748684.9
837.6215	32.79567	32.75733	32.835	9	5	4	197929.5	676932	661566.6
312.127	19.3515	19.31383	19.364	10	5	5	491016.1	1744234	2111937
357.3117	24.07917	23.96717	24.1065	5	3	2	44341.6	142744.3	160972.4
312.1307	25.67175	25.623	25.70383	8	3	5	139944	308694.5	453828.7
365.2336	10.0792	10.07575	10.10067	5	3	2	158565.5	291861.5	316138.9
599.4379	28.81375	28.78783	28.82533	8	3	5	189464.9	797745.1	957196.8
237.1853	18.866	18.80433	18.9235	7	3	4	312742.8	2391330	2368632
1082.505	31.89417	31.78233	31.927	5	2	3	78220.58	249457.8	323502.9
242.2846	13.65305	13.56747	13.69718	8	3	5	545598.3	2647262	4171372
673.4936	34.76325	34.72133	34.77783	10	5	5	2275381	10511191	12927074
518.9083	32.12117	32.07183	32.20817	9	4	5	237227	1288505	1400176
300.126	15.88568	15.84463	15.9229	4	1	3	96703.4	572605.5	854629.5
439.0159	18.14125	18.10333	18.20117	4	3	1	71360.86	257407	268506.7
401.2892	10.40886	10.32773	10.66397	8	3	4	4.76E+08	5.12E+08	9.19E+08
358.0024	16.9445	16.893	16.98333	8	3	5	122938.9	627993.4	758654.8
657.3422	41.19308	41.1635	41.23733	10	5	5	266498.8	1478755	1107864
269.1573	30.3165	30.24367	30.336	5	2	3	236546.8	341121	264427.3
226.1806	13.01485	12.9761	13.12275	10	5	5	2264658	8953255	9138493
280.2639	31.3345	31.27067	31.34333	5	3	2	80736.05	330194.6	345224.4
482.3772	31.73917	31.71233	31.75367	3	0	3	59858.79	98096.16	58489.63
236.1249	9.21955	9.163733	9.3063	7	4	3	7055262	11862644	18770856
569.4073	11.0333	10.9416	11.04118	8	4	4	1143988	3743240	4626230
314.142	22.107	22.05267	22.14983	9	4	5	450975.5	1470827	1995853
432.7064	10.70088	10.63273	10.77118	9	4	5	1032668	2088416	3807066
555.4108	28.80467	28.7685	28.82533	10	5	5	442314.4	1798045	2144454
485.1122	15.90678	15.80118	15.90992	3	0	3	41176.86	74761.41	159183.7
359.2198	25.76358	25.74717	25.78767	4	0	4	159706.7	211958.5	262702.8
1008.777	27.67475	27.637	27.73917	4	1	3	81147.52	441361.7	436866.6
443.1257	13.2128	13.13668	13.3172	7	3	4	105286.5	361458.1	379443.8
326.1421	19.3935	19.37867	19.41317	3	0	3	66975.73	109449.3	155887.9
336.283	28.61117	28.59867	28.61483	10	5	5	819066.4	3996171	4588317
482.1138	18.128	18.08433	18.158	8	3	5	835399.9	2673331	4294726
595.2681	30.84933	30.50117	31.06583	11	4	5	211022.9	1088540	504534.7
662.9439	18.14683	18.03217	18.16983	3	0	3	58787.14	136692.6	240115.7
387.2115	31.0515	31.017	31.08133	3	0	3	64675.83	160468.7	64755.06
792.2676	25.74175	25.71833	25.7875	8	4	4	168150.3	619461.7	730551.3

587.0546	22.14317	22.1015	22.15067	4	1	3	142552.3	401670.1	660856.2
596.2445	26.87017	26.81367	26.919	9	4	5	606445.8	2233523	2815286
241.2165	25.45725	25.424	25.51083	6	3	3	377072.2	2980410	3152582
425.2529	10.42227	10.36557	10.45412	9	5	4	5477887	19868686	29199371
657.4451	34.71883	34.5945	34.747	7	3	4	89726.2	439320.4	522480
560.088	20.9775	20.87517	21.01983	5	2	3	162609.9	823336.2	1121800
474.1579	14.5373	14.25975	14.6458	9	3	4	287941.4	1059091	2051158
437.1937	24.56133	24.53833	24.631	3	3	0	451878.7	1549751	2027803
751.8949	10.69302	10.66553	10.77118	4	1	3	1062283	1349814	2689228
650.4534	43.16658	43.15433	43.2035	6	2	4	44750.52	239323	74554.32
264.2538	28.20583	28.185	28.22033	10	5	5	4575885	23231177	26062582
326.2329	31.30775	31.19267	31.3345	8	4	4	389970.5	1838466	1851361
393.2794	18.88133	18.879	19.0115	5	2	3	51179404	68401774	1.07E+08
369.3845	35.10183	35.04083	35.1745	10	5	5	52385.81	387267.4	109914.9
269.6148	10.73577	10.6177	10.75237	5	1	4	324485.3	706341	1176081
499.3587	33.692	33.58283	33.811	6	2	3	94715.8	277691.7	301901.8
267.1724	26.54708	26.50167	26.63533	6	3	3	1459260	7588907	7559916
192.1385	13.51873	13.34575	13.62822	11	4	5	379415.9	3104610	3376339
294.2068	28.14233	28.04433	28.16833	10	5	5	21724404	1.2E+08	1.26E+08
240.175	12.24061	12.19923	12.24983	4	1	3	50213.77	128771.8	220866.7
198.1494	15.54664	15.51557	15.60127	8	3	5	133998.3	445707.8	636495.8
688.5117	37.49233	37.38983	37.5325	4	1	3	20570.47	68857.62	16459.7
268.1781	24.83908	24.80167	24.8845	6	3	3	47996.79	148561.7	179173.6
414.7092	30.9075	30.90517	30.93717	6	2	4	1251125	2755649	5134009
451.1782	21.69633	21.67117	21.71283	5	1	4	80170.92	241123.7	326129.9
441.0876	18.11767	18.09117	18.18667	5	2	3	143379.9	335840.5	655819.4
965.4436	31.6215	31.56967	31.704	5	2	3	58035.37	147096.6	186150.5
308.095	19.5555	19.50067	19.58883	8	3	5	787083.7	3196781	4604961
227.677	9.173983	9.08515	9.2076	3	3	0	3793146	4976592	5145427
287.72	9.513933	9.473767	9.63445	6	3	3	6048924	13642976	21077946
329.3247	36.63425	36.63267	36.63717	4	1	3	35653.7	209981	228657.3
601.1149	24.33867	24.2525	24.372	6	2	4	53949.44	117595.7	166557.2
226.2168	24.54067	24.49983	24.57133	7	3	4	60929.66	228522.4	260198
328.2202	40.32683	40.25067	40.363	7	3	4	107833.6	506771.1	545179.7
267.1747	24.83883	24.8165	24.8845	9	4	5	340779.4	1350624	1632908
380.2437	29.75333	29.74017	29.8125	3	0	3	222855.3	1086241	554182.8
788.6109	44.95842	44.90333	44.97467	10	5	5	1309647	8604541	2041100
758.2419	18.11058	18.09117	18.14	4	1	3	105865.3	207932	357903.4
699.1807	22.11733	22.03667	22.136	6	2	4	184031	352202.4	582503.8
646.1719	30.41683	30.37583	30.45083	9	5	4	223370.2	1027392	1161458
463.0512	25.697	25.6755	25.70083	7	3	4	140498.3	386719.1	594265.2
311.9993	19.335	19.29933	19.364	5	2	3	96736.52	289692.4	424260.4
588.3077	21.07833	21.0115	21.11117	6	2	4	353002	583077.3	772192
259.1907	39.57967	39.51517	39.606	5	2	3	234672.3	929169.6	970232.7
484.395	18.4095	18.40333	18.47633	5	2	3	53096.19	96536.55	115469.9
702.0486	9.5169	9.33635	9.537367	3	0	3	5789342	3890277	6159200
244.1912	13.01485	12.9761	13.12275	10	5	5	3135695	14218671	13984231

928.5876	43.59758	43.58717	43.61567	4	1	3	48653.81	129957.4	97768.36
569.0698	42.24767	42.21783	42.28867	5	2	3	32580.31	176705.3	36144.52
369.204	28.9115	28.8075	28.98033	4	0	4	57535.85	176697.6	59570.39
577.2847	10.73325	10.6177	10.75042	3	0	3	308238.5	456273.2	910828.2
1143.566	10.67222	10.66402	10.712	4	1	3	870970.6	1328366	2595171
406.3321	37.03467	37.0215	37.06767	3	0	3	41868.73	193695.9	86028.38
570.3414	28.1545	28.11533	28.25317	6	3	3	41936.56	210669.3	61433.68
323.2223	19.02592	19.01083	19.05567	8	4	4	143387.5	744159.6	567237.2
656.3391	41.19333	41.16333	41.23733	10	5	5	2314547	14010900	10690400
255.2111	33.07075	33.007	33.07733	4	3	1	63798.68	466365.4	260208.7
372.2494	8.905617	8.7127	8.955867	4	3	1	1127348	1332909	1508202
280.2451	30.84092	30.74683	30.87583	8	4	4	1307636	3326658	6246078
545.3438	29.20675	29.16983	29.31467	10	5	5	12896786	88508556	82590319
511.3845	28.81175	28.803	28.82533	10	5	5	853168.5	3776642	4431039
253.1801	23.063	23.01583	23.08217	7	3	4	307228.3	1734305	1420208
878.643	34.70633	34.679	34.75783	6	2	4	311616.3	4853400	5912637
666.2304	29.11167	29.10917	29.12583	3	3	0	118192.1	430899.2	436192.4
317.2118	20.97917	20.96383	21.03617	5	3	2	359911.4	1979246	2314798
361.2227	31.08933	31.00267	31.12567	10	5	5	843733.2	4323231	4157625
906.6378	25.21217	25.14933	25.24283	5	3	2	126062.8	432241.8	612267
551.1411	43.57275	43.41083	43.61617	6	1	5	54814.79	286378	284120.6
348.1102	16.6925	16.65362	16.72017	6	2	4	65064.97	246489.4	371788.8
535.2742	18.08158	18.04267	18.155	6	2	4	168284.2	361904.6	583194.8
419.3637	27.62083	27.57883	27.67517	10	5	5	1193161	5395542	5861778
438.2398	8.8715	8.659567	8.94765	4	3	1	302238.7	786284.8	880655.7
415.1412	20.9775	20.93383	21.01983	7	2	5	204116.8	1117300	1467466
397.2858	15.5127	15.48555	15.51307	5	2	3	79194.37	179718	208881.7
762.5492	34.385	34.35167	34.408	9	4	5	367569.1	1624869	2025240
184.0735	29.17708	29.15567	29.21933	6	3	3	275868.1	1332203	1265479
365.1054	22.39133	22.34083	22.41483	5	2	3	76340.35	213190.3	307309.5
379.1685	11.64735	11.62662	11.81957	5	2	3	699865.4	817327.4	1623692
373.2151	9.55075	9.488017	9.584433	7	5	2	6851500	22585258	18459302
717.3313	10.86485	10.81963	10.88395	5	1	4	552520.8	741787.4	1225211
195.1229	28.6145	28.60983	28.6295	5	2	3	325443.3	2603390	1208429
294.1707	17.2765	17.2395	17.2935	7	4	3	175145.8	600364.6	651775.6
600.1193	20.64217	20.628	20.7265	7	2	5	603130.2	2127845	2923443
510.3468	29.78817	29.76717	29.89933	7	4	3	128644	633083.8	437560.9
333.3197	28.53283	28.5015	28.553	10	5	5	359534.9	1720556	1403961
527.2969	28.3805	28.32983	28.47817	9	5	4	516312.7	1825933	2295703
588.4217	11.02217	10.95727	11.0556	9	5	4	1771549	5891450	7177114
468.1667	15.64568	15.6059	15.65998	5	1	4	92064.29	263651.6	404909.9
331.2486	19.95667	19.9375	20.09133	7	3	4	109584.9	537115.5	611762.8
309.2066	31.15383	31.04533	31.18883	5	2	3	163270.4	826171.1	661449.6
270.2795	38.76517	38.718	38.80817	9	5	4	731822.3	2655805	2234607
599.2223	18.1035	18.06983	18.155	7	3	4	219905.6	638432.1	779860.6
403.233	35.02933	34.908	35.04317	7	3	4	183310	1295817	796246.7
559.8018	29.18433	29.111	29.2705	7	3	4	340616.6	968338.7	1317904

309.2066	27.50225	27.38533	27.547	10	5	5	612453.6	2949090	3111431
303.1045	30.86433	30.84583	30.87817	4	1	3	94082.39	276007.6	319916.2
193.1954	20.378	20.33083	20.51283	8	4	4	79629.9	346545.8	323409.9
335.183	23.78708	23.74567	23.855	4	3	1	134619.8	364024.9	575475
310.1654	30.80633	30.74683	30.83517	3	0	3	88097.78	654839.5	264386.8
334.3381	32.79183	32.741	32.8405	10	5	5	119333.1	700149.5	377176.4
464.3145	20.35467	20.30983	20.52567	8	3	5	145157.4	571510.9	550805
228.2325	29.68083	29.6275	29.74033	7	3	4	63294.34	285489.2	281452.1
274.2097	32.96433	32.86217	32.99867	8	4	4	426215.9	2792885	2600975
305.1865	23.91433	23.8555	23.959	7	3	4	49639.04	162258.1	166877.9
575.9527	22.9965	22.97417	23.01883	7	2	5	276763.6	942716.6	1351524
299.2013	20.63708	20.58967	20.7355	10	5	5	5196160	28323452	29452300
704.5059	9.489217	9.3803	9.677167	8	4	3	17500046	51994891	82482863
289.2529	33.77133	33.749	33.7735	5	2	3	109139.1	591918.5	608061.8
574.3787	32.72067	32.64617	32.84617	8	4	4	160857.9	574737.3	638792.2
547.1342	22.1075	22.06867	22.136	5	2	3	49216.29	77920.61	86759.77
742.4964	31.63417	31.60233	31.67483	7	5	2	63425.58	296219.2	259616.2
382.3436	19.96317	19.94033	20.09133	7	3	4	58792.79	193904.1	221421.6
199.133	32.9465	32.86217	32.99867	9	5	4	986767.1	5935485	5418641
371.1015	42.73592	42.67917	42.7635	10	5	5	773343.6	5783234	2651816
370.2959	25.57767	25.54667	25.59917	7	3	4	155718.5	544594.7	541696.4
569.3441	29.13267	29.11167	29.22633	10	5	5	12482910	49760459	46212366
440.3359	27.3255	27.27983	27.36317	7	3	4	110016.1	391381.5	422296.7
329.0687	14.5143	14.41903	14.65548	7	2	4	258217.2	1329683	2489416
553.3953	32.1895	32.16233	32.22167	9	4	5	237218.1	932630.4	1120252
407.1352	18.43167	18.36533	18.48633	3	0	3	65837.58	168961.8	237008.5
283.1753	34.70542	34.56833	34.72917	4	3	1	301683.4	1816394	883804.5
541.4699	26.68017	26.64117	26.7235	7	3	4	55959.57	199810.5	193473.9
270.2068	24.94908	24.91983	25.006	6	3	3	99991.85	324339.6	338029.9
360.9884	22.06433	22.05267	22.12217	3	0	3	66674.9	249804.7	330406.2
718.523	34.5725	34.535	34.604	9	4	5	416854.5	1875883	2353661
458.3958	19.04017	19.0115	19.086	7	3	4	73375.32	175474.7	185495.6
358.2018	26.0025	25.949	26.03217	10	5	5	1396912	5955452	6911567
893.341	10.64838	10.61352	10.67897	4	1	3	1032751	1731833	3212033
719.5256	34.57083	34.53717	34.60117	7	3	4	60449.89	225967.2	318446.3
399.2602	8.925958	8.730367	9.0047	4	3	1	594265.1	704085.9	555045.7
328.1213	15.95405	15.63063	16.00043	7	2	3	1027273	6985537	10179904
327.0962	21.1285	21.1045	21.14683	4	4	0	75513.74	508816.2	284874.9
629.4675	34.98433	34.92267	35.009	10	5	5	1699464	8531454	10437827
972.6493	29.65117	29.535	29.68667	9	5	3	58212.7	257190.9	79014.72
460.1645	10.6487	10.60657	10.77118	4	1	3	153974	336863.9	432127.8
550.4042	43.85208	43.82333	43.8905	4	1	3	48467.01	191032.7	38391.92
380.3092	28.70233	28.68267	28.70933	10	5	5	600797.2	2838189	3285529
315.1959	38.376	38.3675	38.45983	5	3	2	45508.54	288341.1	112815.3
587.4182	11.03025	10.9416	11.1665	9	4	5	5104820	18479220	22531062
334.7297	8.7119	8.479117	8.754817	4	3	1	161675.6	237409.5	256617.2
275.1414	27.17183	27.11983	27.1805	3	0	3	29369.83	68369.13	76249.35

635.2518	29.15467	29.08283	29.29983	5	3	2	116930.7	160109.6	110839.5
596.2342	32.13383	32.0875	32.14983	6	1	5	299452.6	514610.5	1129355
641.2648	30.80433	30.74683	30.86417	4	1	3	64677.03	146060.6	171785.1
577.3939	24.7515	24.726	24.79483	5	2	3	54563.26	121261.5	172810.8
150.0268	30.84108	30.71867	30.90333	10	5	5	519288.4	3417493	3982177
221.1176	28.14617	28.04433	28.16833	10	5	5	8016686	48540493	49874985
520.9504	18.14683	18.1235	18.22983	3	0	3	32809.51	135160.6	147312.8
356.0071	16.93567	16.893	16.96167	8	3	5	394412.9	1907579	2388324
548.3624	30.84783	30.8325	30.95983	10	5	5	353216.3	1890947	1622413
674.4968	34.77433	34.73567	34.792	10	5	5	411253.2	1793042	2272948
413.1611	20.98525	20.95533	21.0485	6	2	4	688937.4	3717622	4893408
295.2103	28.14233	28.04433	28.1765	10	5	5	4156781	22426270	23866292
551.2631	31.05217	30.90517	31.11633	5	2	3	317407.7	507963.1	926467.4
421.2784	12.3941	12.37127	12.42385	5	3	2	54024.98	114799.1	130978.3
1837.517	9.483058	9.460417	9.537367	4	1	3	9491711	10022808	20355077
620.1759	22.35567	22.262	22.37883	7	3	4	83717.77	227238.4	260288.5
544.3165	7.450158	7.441983	7.535167	4	1	3	401395.8	422073.5	829036.9
420.1294	13.75314	13.69598	13.80607	6	2	4	71358.05	348089	357942.4
646.2661	29.21333	29.16983	29.32917	7	3	4	134902.6	542617.3	559511.8
185.0963	19.55567	19.50233	19.58883	7	3	4	55044.96	366668.8	200558.9
196.0696	16.6925	16.6415	16.72033	8	3	5	419936.8	2128661	2820025
315.1962	26.64692	26.601	26.68133	10	5	5	3688107	16020359	17245661
289.2378	33.36183	33.30233	33.38417	5	2	3	93513.7	505467	355376
367.7578	9.5169	9.337217	9.577667	5	1	3	4857129	4220643	8303255
1186.161	28.9205	28.8525	28.9805	6	2	4	52398.9	160061.4	210478.5
209.2085	10.07678	9.9907	10.18403	6	3	3	6980993	27098689	39915721
540.6732	29.21425	29.18433	29.31467	10	5	5	161739.4	899756.9	769407.4
323.5282	8.87615	8.677417	8.919867	7	4	3	417008.8	804158	587524.6
365.1415	26.06317	26.01917	26.11683	5	2	3	129478.4	298272.8	512608.8
557.1627	22.15117	22.1125	22.17967	5	2	3	143210	341452.2	489472.1
374.2377	9.178	9.0693	9.239033	7	5	2	3085700	7917722	7687383
577.9482	23.004	22.97417	23.02483	6	2	4	102188.8	249292.4	419396.1
402.5883	29.6365	29.57833	29.65167	5	3	2	31987.72	95404.83	107160.8
349.2014	33.94758	33.89583	33.988	6	2	4	45221.31	224675.9	172043.3
471.317	10.36155	10.22325	10.37953	5	2	3	608831.8	706489.9	1061006
454.0521	32.1775	32.05867	32.26167	6	3	3	32885.15	63672.77	102467.3
423.1126	43.37025	43.26217	43.402	10	5	5	88174.66	1000038	232505.2
458.1634	20.63708	20.58967	20.7265	10	5	5	2475825	9864400	13011919
485.1125	18.128	18.0555	18.158	8	3	5	1559945	4986630	8279503
650.4658	41.19333	41.16317	41.23733	10	5	5	51261	248653.7	209899.4
368.2801	22.85933	22.845	22.89467	5	2	3	55199.01	139188.5	155224.6
679.5127	15.50173	15.37532	15.59742	4	1	3	3041151	18903740	14562098
598.2652	30.96467	30.943	31.07383	10	5	5	311396.3	1660599	1098113
533.222	10.72138	10.70767	10.77308	5	1	4	2755051	7133515	14319971
565.3634	9.151067	9.004633	9.2493	7	5	2	1118681	1655624	1040048
454.3298	27.11592	27.063	27.20017	10	5	5	345442.8	1483442	1251326
725.5967	31.14183	31.08133	31.172	7	4	3	260241.9	769398.2	688722.1

225.08	15.63075	15.61248	15.64528	6	1	5	167414.1	517105.3	620811.4
266.1391	22.93883	22.889	22.98967	6	2	4	68679.42	292635.5	279720.9
323.2892	17.51508	17.4725	17.56	4	1	3	69666.23	149430.3	184276.5
393.3809	18.9315	18.83817	19.04167	6	2	4	169821	449789.3	584984.5
559.4076	18.822	18.81617	18.89383	7	4	3	86481.02	272176.3	255920.8
443.0828	18.12092	18.08433	18.17383	8	3	5	1428535	4411799	7274008
567.4107	35.22	35.15933	35.25083	7	3	4	110770.1	428261.5	539948.4
426.9341	20.09908	20.06783	20.11383	4	1	3	38024.57	91655.12	182255.2
284.3316	32.9765	32.91833	33.02017	9	4	5	53980.72	339709.3	76778.68
763.5264	26.789	26.7375	26.8115	5	2	3	29731.41	76035.82	91916.17
655.4638	34.76917	34.73567	34.7925	5	2	3	110825.8	399920.3	534403.4
274.0529	30.38875	30.34733	30.474	4	1	3	522751.5	1250186	2584799
326.9392	12.93202	12.91803	13.00747	4	1	3	659021.4	2597850	4863355
503.2968	28.37133	28.32717	28.47817	9	5	4	1676845	6826730	8380334
571.0341	16.93417	16.9035	16.96167	7	3	4	409575.5	1026159	1907476
497.5299	27.45958	27.44817	27.53083	6	3	3	50883.8	266936.9	247946.1
401.3574	20.50958	20.498	20.64567	6	2	4	50206.43	139137.1	164081.4
315.1957	23.8845	23.81117	23.9305	3	3	0	192516.8	689571.2	833908.9
523.1403	18.13633	18.09117	18.189	6	3	3	200637.5	548366.1	961782.5
630.4703	34.97983	34.77183	35.009	10	4	5	301167.4	1292355	1629048
660.5076	9.47815	9.173283	9.537367	5	1	3	55537848	39836585	79444047
312.3629	37.82933	37.782	37.98867	9	5	4	30850.33	203906.2	44789.42
297.1116	22.12808	22.05267	22.14983	10	5	5	3717592	17546120	22449300
326.3785	35.01625	34.998	35.07	10	5	5	1190509	5076866	2821873
259.1907	29.50567	29.40433	29.56183	7	3	4	485433.8	2066368	2286051
236.13	19.36233	19.32383	19.38567	6	2	4	79983.3	259752.4	253144
444.3396	9.833883	9.804217	9.869583	5	2	3	309654.7	397918.1	523363.8
495.3281	27.45958	27.427	27.53083	10	5	5	3844509	29225429	29684482
372.2902	33.93033	33.869	33.938	9	5	4	406545.2	1354951	1926716
524.3017	30.9645	30.9325	31.07383	7	4	3	328601.2	899854	898138.5
309.2834	28.42175	28.3955	28.45267	10	5	5	772272.6	3571750	4297190
394.2746	30.61733	30.543	30.63583	7	3	4	86297.35	331927.7	339077.2
411.3419	18.95317	18.92483	18.967	6	3	3	57585.99	173542.2	170735.8
483.3913	20.487	20.46167	20.6345	10	5	5	479547.9	1998540	2174705
553.0224	27.17158	27.1105	27.20067	8	3	5	1174609	4098959	5798217
697.4642	9.904433	9.866317	9.948533	5	2	3	302669.6	325941.8	513125.9
330.0047	27.89517	27.76383	27.94633	7	3	4	492842.3	1737995	2354835
385.3427	23.28875	23.23917	23.353	10	5	5	51862636	2.7E+08	2.76E+08
318.2642	32.41883	32.39533	32.46033	3	0	3	101362.7	602195	471004.8
483.3436	15.81155	15.72362	15.90278	10	5	5	90422.16	313669.8	274470.6
554.0259	27.17767	27.12967	27.208	6	2	4	296894.8	1054192	1505068
457.0598	20.43792	20.397	20.464	4	1	3	41499.54	90810.99	127251.5
400.1295	20.64217	20.61367	20.687	6	3	3	171327.3	565312.1	770195.9
301.1591	31.11008	31.04533	31.1565	8	3	5	341634.8	1406349	1563978
333.2765	36.6405	36.60717	36.82833	5	4	1	135896.8	544407.9	695774.7
376.2853	28.13233	28.04433	28.176	7	3	4	71622.04	280487.1	259285.2
524.3877	35.44525	35.38883	35.47267	4	1	3	23363.78	76405.73	79058.27

812.0798	22.99025	22.97417	23.01883	6	2	4	348519.9	985578.9	1339154
691.006	10.36155	10.20952	10.38373	7	3	4	851890.3	1479018	1872769
256.1334	9.186383	9.101033	9.254883	9	5	4	11656182	22523681	33085835
297.243	26.8375	26.76533	26.88367	9	4	5	706197.7	4442323	4640878
813.5872	11.48481	11.38147	11.67042	10	5	5	1914611	7896307	9726915
816.3299	10.6783	10.599	10.75237	8	4	4	1175947	2330660	4259486
341.5827	9.483542	9.43065	9.537367	4	1	3	2030895	3900244	4572293
353.3096	28.60858	28.58283	28.6295	10	5	5	419885.8	1983224	2319720
657.1328	18.10333	18.07617	18.14	4	1	3	100873.3	205542.5	335957.3
728.3636	20.66375	20.61367	20.7355	6	2	4	320442.4	804405	1023254
236.6267	9.186383	9.15355	9.2529	5	2	3	1907719	2461584	3689097
361.2856	27.22325	27.17183	27.24383	6	3	3	60166.68	246625.2	240201.9
529.4331	24.124	24.066	24.1805	5	2	3	63926.09	173098.1	219142.6
270.2067	12.96105	12.85795	13.00802	5	3	2	43015.25	132839.7	129610.9
289.2935	21.95883	21.87817	21.9935	8	4	4	313526.3	987191.6	1097644
411.3257	31.5875	31.5775	31.69017	4	1	3	35193.05	146386.8	116936.5
494.7781	30.96717	30.96417	30.97633	3	3	0	31241.38	75627.24	50193.28
298.3472	30.79542	30.74683	30.85917	10	5	5	1216259	2482938	2472111
308.0902	14.65217	14.63045	14.69875	7	3	4	102373.8	589743.4	735625.7
983.4558	27.22267	27.186	27.25533	7	3	4	96948.08	289488.4	299233.1
275.2131	32.4975	32.37967	32.53617	7	3	4	119039.9	451268.2	468868.1
321.6741	11.03635	11.00837	11.04118	5	2	3	147789.9	371983.9	643124.7
270.2513	29.69533	29.59333	29.74033	9	4	5	580869.5	3210204	3354709
479.3585	35.76317	35.748	35.80017	6	2	4	36111.02	133546.5	160408.6
328.2125	19.276	19.258	19.53217	5	3	2	234092.5	1285495	1222035
309.2067	25.61342	25.54033	25.6385	10	5	5	2431900	9842847	11886385
631.4725	34.95583	34.896	34.99983	6	2	3	50821.24	146554.1	194962.6
560.4508	31.63033	31.59733	31.66967	5	2	3	74070.1	274947	225186.4
277.1804	28.13858	28.05933	28.20033	10	5	5	1164543	6695466	6938286
579.0212	22.1215	22.09783	22.1355	5	2	3	135681.5	323299.9	497771.6
630.444	20.10992	20.01083	20.23717	8	2	5	121316.7	1290926	1452929
378.1518	9.537367	9.47815	9.545617	3	0	3	7767808	9443314	15567422
244.0099	22.65025	22.60467	22.69	8	4	4	97163.25	325752.7	319216.5
415.2119	23.17692	23.10367	23.20917	10	5	5	13005713	72621239	58409247
583.2534	28.58517	28.5565	28.65783	5	2	3	82495.36	300051.5	361734.1
332.2227	14.55019	14.53727	14.57152	4	1	3	122551.5	776175.1	719707.4
493.3069	19.937	19.91883	20.05783	5	1	4	41692.97	132203.5	140850.7
642.4662	17.20708	17.17867	17.25317	10	5	5	191301.4	889832.4	805150.6
513.1797	10.41531	10.39262	10.45082	4	3	1	368288.6	785690.5	674062.9
411.2195	36.63517	36.6005	36.68217	5	2	3	40976.37	186465.4	124959.2
462.3536	23.4275	23.399	23.44783	7	4	3	229951.8	901918.8	1004589
255.2639	22.1355	22.11583	22.1365	5	2	3	61754.71	180870.2	265930.2
950.6642	25.24225	25.17983	25.28967	4	1	3	70104.64	216125.5	298523.2
301.1629	10.03431	9.90985	10.14115	4	1	3	571537.7	1210010	1522790
174.149	11.90233	11.82847	11.92673	4	1	3	30106.01	69909.74	82545.64
687.5439	25.609	25.51417	25.65733	7	4	3	283711.2	1009242	1193590
249.1853	27.36608	27.271	27.42483	8	3	5	682857.3	3259918	3576229

386.3461	23.28875	23.23917	23.353	10	5	5	12999051	65419050	67254094
770.4151	9.547492	9.47815	9.5571	6	3	3	25918224	50143860	91513837
697.1263	9.4881	9.3803	9.55075	5	2	3	4555505	6294364	10484989
444.2138	16.64746	16.60533	16.6685	10	5	5	231522.1	818364.9	840562
329.0059	20.09017	20.04883	20.22117	8	4	4	260808.1	1598105	1096429
428.1528	26.654	26.62717	26.68133	7	3	4	163094.7	659884.7	724886.5
700.3987	9.482133	9.444983	9.537367	4	1	3	97153144	67737010	1.35E+08
584.261	23.707	23.67733	23.70833	3	0	3	43199.72	158661	76395.47
422.2908	38.09842	38.0475	38.12717	8	4	4	135899	744510.6	591704.8
453.1843	21.02017	20.97867	21.06283	5	2	3	3600955	22821469	30234854
371.1311	20.63708	20.58967	20.7355	10	5	5	2271697	8917454	11738295
583.1978	25.66467	25.62817	25.689	4	1	3	80585.17	121263.3	253483.5
630.4437	29.345	29.29983	29.37383	5	2	3	45618.77	173518.6	183583.2
360.0047	18.10883	18.047	18.16117	5	1	4	68566.82	292631.6	353675.8
313.1677	43.60817	43.55817	43.63283	7	3	4	131827.8	863077.5	716809.3
256.2638	23.6495	23.57567	23.69233	10	5	5	366440.8	1346608	1549331
348.7308	9.515	9.43065	9.537367	5	2	3	2839960	5304828	6688950
530.4174	28.81408	28.78783	28.82533	8	3	5	160292.3	681792.2	799446.3
454.1876	20.999	20.95283	21.06283	8	3	5	946732.1	5301807	7118234
443.1584	37.02017	36.99267	37.04933	3	0	3	68852.8	360444.1	220743.4
271.9163	2.091	2.032667	2.134067	7	4	3	117960.2	718917.4	465708.1
304.3003	27.94117	27.88167	28.02533	10	5	5	6468487	35274156	31766958
250.1886	27.3695	27.271	27.42483	5	2	3	96578.54	349040.6	368379.7
521.3438	28.29492	28.2685	28.395	6	3	3	873207.6	4111715	4094409
658.2347	41.20767	41.16333	41.25083	9	5	4	48808.96	243916.5	224969.2
227.2008	32.2565	32.20817	32.28917	10	5	5	999581.8	6673348	6807908
739.1947	25.62758	25.59233	25.6595	8	4	4	112537.6	433535	520696.2
464.3288	9.192183	9.101033	9.266617	5	3	2	1890011	3479175	4438571
523.3593	32.11683	32.07333	32.20817	10	5	5	16759946	1.05E+08	1.02E+08
255.196	18.8525	18.79	18.93733	9	4	5	608879.6	4948318	4095744
322.2461	33.85492	33.84033	33.86767	4	0	4	230029.7	1532242	416773.1
548.2441	27.45958	27.427	27.53083	10	5	5	1609769	7376051	9373234
238.1885	25.79258	25.4595	25.83717	10	5	5	634558.3	2312608	2242851
356.3353	31.10333	31.06667	31.11333	5	3	2	56148.07	289564.5	182855.8
494.3609	30.679	30.5885	30.8175	7	4	3	73191.34	276140.4	272280.3
688.4861	22.31083	22.26733	22.49083	5	1	3	105060.9	988977	1156186
489.3805	24.10525	24.06283	24.12133	8	3	5	241073.5	975571.7	1171342
308.8634	23.01967	22.98833	23.06783	6	2	4	67417.54	211543.7	38481.95
302.7505	23.666	23.635	23.707	5	2	3	29905.92	87097.29	101527.5
643.4834	21.3125	21.2555	21.344	5	3	2	73937.84	200334.8	260912.7
411.2149	19.55667	19.54033	19.65933	6	3	3	40429.72	137142.1	121451.2
343.2599	11.09468	11.05533	11.31892	7	3	4	223733.7	927229	720548.6
367.1882	10.39373	10.36523	10.43838	5	2	3	5110987	8620459	13910563
395.1409	33.50758	33.45	33.51917	4	3	1	56365.76	175292	214437.1
294.1381	32.13617	32.0735	32.16417	7	2	5	67469.02	223150.4	299648.2
351.1812	22.06567	21.98917	22.0925	10	5	5	410057.5	1618901	1689505
247.1736	14.56677	14.4543	14.66978	5	3	2	43001.86	246345.6	276260.3

544.3406	29.96725	29.91617	30.146	4	1	3	1239200	4680466	3475908
369.7769	9.534967	9.4881	9.5641	5	1	4	2507556	3306849	6062095
455.1846	20.98483	20.94567	21.0485	6	3	3	1913860	10658600	13474146
491.1612	10.4086	10.36523	10.41965	6	1	5	16825948	28541334	44897368
447.2934	11.7851	11.71578	11.85133	6	2	4	161871.3	910690.1	995903.1
552.2237	21.73208	21.60133	21.754	10	5	5	568760	2653561	2725764
454.3379	29.3745	29.34667	29.393	5	2	3	237503	666508.8	340682.7
291.1835	22.74817	22.70417	22.79867	7	3	4	68468.12	213238.8	211985.6
526.1393	18.11767	18.04133	18.158	7	2	5	389958	1176102	1905078
655.3361	41.19333	41.16333	41.23617	10	5	5	11137387	69359617	48198505
534.3431	43.41858	43.36733	43.43333	6	3	3	43372.74	240269.9	159335.6
256.2637	32.62967	32.574	32.6565	7	3	4	149622	569850.6	682612.4
546.3466	29.21342	29.19333	29.31467	10	5	5	2305064	13353053	12010727
208.0795	11.119	11.02605	11.27893	4	3	1	54693	53167.39	32817.22
191.1068	25.98917	25.9325	26.01533	5	2	3	82356.61	433048.7	377605.5
542.3909	26.63983	26.601	26.66583	9	4	5	222621.7	803770.4	945167.2
345.2068	17.14517	17.10717	17.18083	5	3	2	156119.1	617598.4	660520.2
468.3523	20.4155	20.3765	20.588	9	5	4	118280.6	385125.3	395784.6
286.2746	29.7105	29.60783	29.74033	7	3	4	242411.6	1553314	1499315
295.6771	28.14233	28.04433	28.1765	8	3	5	76279.28	373384.4	423325.9
495.0408	19.71183	19.63017	19.74033	6	2	4	301013.8	778580	1681662
472.3638	29.89533	29.87917	29.95767	5	1	4	60137.57	311592.2	192471.6
592.2986	10.69263	10.56983	10.77118	7	3	4	8381423	12626273	27059594
583.8018	29.16983	29.15517	29.2705	7	3	4	607566.4	1725829	2301379
542.3907	29.359	29.33233	29.36467	6	3	3	109226.2	234060.5	309579
743.1789	26.88283	26.84017	26.919	7	2	5	71258.88	203393.3	276105.5
396.3324	34.15708	34.09217	34.16183	4	1	3	39196.84	161076.9	112024.8
249.1853	26.45883	26.3845	26.5405	6	3	3	350540.1	1785246	1739405
237.1852	25.12975	25.06783	25.1385	8	4	4	965493.9	2227991	2064938
294.8836	2.148567	2.08755	2.24535	5	3	2	182952.9	640576.6	622153.5
200.0835	30.777	30.71867	30.79183	3	0	3	60934.34	180698.7	164739.8
239.1623	20.44175	20.40683	20.56367	10	5	5	698946.2	3369724	2927772
157.0837	6.972383	6.601917	7.2078	7	4	2	1063915	12702168	22413602
252.1057	23.53733	23.4595	23.57583	7	3	4	79639.17	283705	317096.8
721.4188	20.4375	20.411	20.56367	5	2	3	84885.56	212826.3	283617
627.5093	10.86975	10.86473	10.9188	3	0	3	2836735	1955147	3195809
905.6833	9.187083	9.101033	9.319483	5	3	2	6736834	4192747	6794402
747.5672	34.952	34.9395	34.95867	5	2	3	324549.8	5780673	8125855
295.1908	24.59133	24.5315	24.62383	7	3	4	357614.5	1495936	1339864
638.3032	19.14875	19.09167	19.17367	10	5	5	116733.5	483610.9	445527.4
297.2069	18.14717	18.09867	18.21483	5	2	3	120463.2	758229.5	665913
211.1697	15.99818	15.92467	16.07195	4	3	1	348863.7	3372327	3795538
355.3324	31.11017	31.09517	31.14133	9	5	4	273911.1	1655390	1244997
426.3582	33.94983	33.91533	33.99433	7	3	4	82638.59	599747.9	453197.3
427.1242	22.42967	22.37583	22.44833	3	0	3	63424.66	131072.6	189928.9
431.2046	10.68129	10.599	10.75237	8	4	4	7802204	19825285	39762402
702.1146	9.537367	9.473767	9.59295	3	0	3	1356789	1452988	1370906

516.3618	29.98758	29.93983	29.99667	8	4	4	58957.57	482685.6	75688.61
652.1722	20.44917	20.3965	20.51167	5	2	3	107596.2	275002.4	374244.9
557.3031	12.43629	12.26405	12.50992	4	1	3	254017.5	520822.2	1076209
225.4213	9.537367	9.534967	9.545617	3	0	3	5461584	5103191	10382751
255.136	9.182542	9.101033	9.2529	8	5	3	37120424	67243655	99999296
316.9759	16.943	16.893	16.96783	8	3	5	256277.1	1155608	1453825
498.355	10.9508	10.91052	11.0617	9	4	5	312687.1	886069.4	973951.7
543.2405	9.193217	9.08515	9.2529	8	5	3	41129296	60422974	1.08E+08
496.0358	16.68517	16.63858	16.715	6	2	4	246707.6	867155	1599972
461.0931	18.11058	18.07617	18.16983	4	1	3	88062.19	214932.5	411014.5
272.1919	14.48628	14.4441	14.61075	5	2	3	71724.23	452981.9	521073.6
384.3476	35.15392	35.11767	35.17633	4	1	3	51171.22	207100.4	125026
465.3365	26.4735	26.416	26.5035	5	2	3	30636.12	89854.69	81159.62
507.2456	20.4375	20.3965	20.588	7	3	4	111389.8	346579.8	441029.1
292.1912	21.008	20.93367	21.04283	5	3	2	64061.73	169825.5	53464.25
690.4652	21.66417	21.57183	21.69633	7	3	4	109894.1	258343.4	325873.8
534.3564	31.21283	31.1955	31.553	5	3	1	82965.52	528297.9	396945.8
485.37	9.231217	9.132617	9.280533	8	5	2	5170667	6894849	6272691
902.4688	32.10233	32.0735	32.14733	5	2	3	116134	480928.8	472065.5
235.1905	13.66915	13.50832	13.73937	5	2	3	32771.14	260050.1	120543.2
288.1669	11.72017	11.68558	11.72705	5	2	3	150031.9	302551.9	296868.2
594.3718	22.73833	22.71633	22.79867	7	3	4	439495.5	950751.2	1666435
271.2828	38.75325	38.733	38.7795	6	4	2	121581.1	341602.9	292870.8
359.2586	26.13067	26.0805	26.205	7	4	3	101353.2	279671.4	295464.2
692.4592	33.31783	33.29417	33.33533	6	2	4	247757.2	2326238	2329941
624.7773	30.27317	30.2605	30.34733	5	2	3	82028.44	119323.7	200415.5
760.0563	18.10342	18.07617	18.14	4	1	3	96230.37	193346.2	336028.8
368.3527	39.70683	39.6695	39.922	10	5	5	73116.95	500952.3	250770.1
492.3092	26.32733	26.30517	26.40217	9	5	4	237858.8	1022746	1029172
378.3161	28.08075	28.018	28.11733	6	2	4	74509.45	371012.4	419610.7
654.3327	41.19333	41.16333	41.23617	10	5	5	30295118	1.9E+08	1.3E+08
400.362	27.31225	27.25033	27.3635	10	5	5	817585.6	3173530	3524986
472.3329	9.2076	9.101033	9.3228	7	5	2	4007591	15015441	19737887
340.285	31.55567	31.47383	31.63033	9	5	4	328322.6	933817.5	1045325
414.9912	18.1585	18.1395	18.17483	3	3	0	43139.31	155390.7	107177.3
714.1752	32.16492	32.0855	32.22133	4	1	3	150341.8	494286.3	318329.7
927.6649	9.83015	9.807617	9.862433	6	3	3	4134444	5014294	7685774
562.373	33.965	33.93567	33.995	9	4	5	131685	830061.6	711262.2
426.2773	8.793992	8.551733	8.892017	6	4	2	242108.8	501690.2	367735.3
182.1539	9.173983	9.08515	9.243133	3	3	0	2444396	6548616	4847422
517.3163	36.62	36.59217	36.68117	8	3	5	87979.99	425872.3	321451
450.9778	14.96775	14.93573	14.9924	5	1	4	89641.52	257823.9	551402.9
450.0561	32.14983	32.088	32.21817	7	2	5	106333.3	293537	478753.1
278.1214	20.79108	20.75867	20.8175	6	2	4	52290.89	146903.7	175030.7
417.2188	21.52033	21.47633	21.551	5	2	3	99870.17	255380.1	224480.9
481.2619	8.972633	8.78305	9.031133	8	4	4	1906368	4981632	5307019
403.2961	22.46875	22.42483	22.4975	8	3	5	671256.4	1566680	2547839

647.1756	30.41183	30.36167	30.4275	7	3	4	93381.93	385033	454480.1
811.0764	22.98917	22.928	23.01883	7	3	4	703906.4	2198171	2985600
351.275	22.48867	22.4575	22.51933	5	2	3	58274.46	150786.6	181083.1
571.3001	29.19917	29.16983	29.28517	7	3	4	1390981	4838005	6291128
273.1682	9.321717	9.210417	9.427233	7	2	4	7266538	14170953	21656345
416.2969	18.93867	18.90983	18.96767	10	5	5	1412853	4731609	6071852
418.1401	20.97258	20.91917	21.01983	8	3	5	781531.2	4930960	6518464
522.3559	32.11683	32.07183	32.20817	10	5	5	56350200	3.61E+08	3.44E+08
416.2154	23.17633	23.10367	23.20917	10	5	5	3512601	18418999	15015077
385.2928	39.54983	39.48567	39.56533	5	2	3	42318.99	172057.7	161106.3
233.2267	29.68083	29.57867	29.72383	5	2	3	91219.73	526532.2	435475.3
570.3557	31.54008	31.48917	31.586	4	3	1	1664152	8390689	8424403
455.3502	9.193308	9.101033	9.280533	8	5	3	2.06E+08	4.55E+08	3.35E+08
321.1724	11.02247	10.97798	11.04118	6	2	4	463205.1	1227450	2061678
674.4702	26.7375	26.6765	26.7595	9	4	5	191939.2	732750.6	869724.8
410.3113	29.38767	29.33233	29.395	5	3	2	60060.87	187289.8	235697.5
354.1497	15.52753	15.48072	15.57203	5	3	2	31303.75	86100.06	60358.45
326.325	31.41492	31.35767	31.4565	8	4	4	145696.5	845758.8	897862.4
420.3671	27.62083	27.594	27.708	10	5	5	320248.1	1178894	1301454
409.2015	10.57492	10.55548	10.62195	6	2	4	4964292	4956205	7834997
207.0319	11.06623	10.86645	11.07922	3	0	3	64465.84	193509.6	288697.5
570.38	28.1455	28.04433	28.16133	9	4	5	1453378	4819812	6429443
308.2974	23.04808	22.97417	23.074	10	5	5	838757.2	3670459	4058850
191.1069	16.85267	16.73383	16.8995	9	4	5	220386.9	1771160	1755542
302.7654	27.94067	27.88167	28.00783	7	3	4	24519.75	96520.86	79774.43
427.0076	22.11867	22.107	22.12983	3	3	0	38631.33	187642.9	110762.4
469.3284	9.804217	9.763	9.806633	3	3	0	198812.2	448027.5	561287.2
475.8278	9.837283	9.763683	9.862433	5	3	2	1241518	1455579	2295887
288.2812	25.0265	24.9975	25.053	5	2	3	52263.59	133066.4	155810.8
743.2222	25.68575	25.64683	25.71517	4	1	3	128044.7	139894.7	312814.1
718.4966	26.74417	26.69167	26.78117	9	4	5	132676.3	484815.3	581582.8
455.8284	33.93425	33.93033	34.03617	4	1	3	138547.5	432765.8	571438.7
948.5913	43.61592	43.53283	43.6335	10	5	5	288094.9	2518629	461318
408.1363	22.51733	22.441	22.56233	7	3	4	77198.14	228500.7	253056.8
233.0786	10.12311	9.932383	10.14115	4	3	1	324032.4	757989	1382705
288.6884	8.7798	8.533633	8.8441	5	3	2	193038.7	216067.2	303026.5
583.0763	42.144	42.12433	42.21883	5	3	2	44762.85	362121.5	69613.51
452.3224	27.94067	27.85217	27.97717	7	3	4	201307.4	1203473	842559.4
503.1794	10.73612	10.64782	10.80753	5	2	3	480586.1	1138125	1925922
400.3542	20.51158	20.48283	20.64567	10	5	5	209242.8	759507.6	783119.2
193.1386	8.88125	8.7127	8.9755	6	2	4	251385.6	526470.8	327580.4
537.005	30.80633	30.74767	30.83533	3	0	3	103667.5	438020.6	763306.4
500.3711	29.62267	29.57833	29.681	5	3	2	102018.9	324549.2	297855.9
340.6815	10.87918	10.87913	10.92662	3	0	3	199642.4	250382.1	391500
284.0779	19.76008	19.744	19.8525	10	5	5	128184.9	587555.8	616932.3
519.0335	42.59217	42.578	42.65883	4	3	1	41943.16	255079.5	51810.83
519.3281	27.1075	27.08917	27.15783	6	3	3	153470.7	722880.6	613930.7

709.1827	30.95817	30.90517	30.96717	3	3	0	62426.09	229008.4	99382.85
371.719	9.5393	9.473767	9.596683	8	5	3	7689798	25818275	21395266
475.3361	7.4501	7.3532	7.670483	7	2	4	1.74E+09	6.48E+09	1.2E+10
452.2779	26.52583	26.49467	26.56233	4	3	1	77221.93	255533.1	225918.1
526.2935	28.36908	28.32717	28.47817	10	5	5	1917333	7346471	8975476
494.3247	27.45958	27.427	27.53083	10	5	5	14321549	1.11E+08	1.12E+08
473.3783	20.18733	20.16467	20.374	5	2	3	35468.43	107787	127021.3
439.222	10.41848	10.33325	10.65043	11	5	5	4785167	15654271	20638717
706.3298	23.13667	23.08917	23.20917	7	3	4	81061.95	196101.9	204133
453.8664	9.445533	9.168467	9.47815	4	1	3	4187805	4918070	7323192
214.1804	23.28875	23.25383	23.353	10	5	5	3687449	18356928	18795199
491.3426	28.3465	28.32217	28.39117	4	3	1	40214.89	85643.58	48223.56
227.1838	13.02208	12.97682	13.12275	9	4	5	287819.6	1197164	838803.7
527.4178	20.305	20.29517	20.49967	5	2	3	49696.61	102279.5	125313.6
673.1436	32.13283	32.088	32.146	4	1	3	99764.3	145608.4	323824.4
302.0688	22.64983	22.57133	22.68083	7	3	4	66364.48	251793.8	261800.8
776.4544	32.13425	32.12933	32.176	8	3	5	553463.6	1599961	2174782
300.7007	8.868067	8.677417	8.96155	9	5	4	748106.9	2252091	1811661
213.6802	9.512733	9.44975	9.572217	6	3	3	1712042	3533202	3623305
285.0666	18.11592	18.05717	18.19983	8	4	4	987920.8	2871385	5469806
412.1578	20.64217	20.61367	20.7355	5	2	3	3829608	16252597	21306937
224.0574	13.60817	13.46225	13.76545	5	2	3	124295.8	691186	1115910
340.0274	14.68537	14.6596	14.71452	5	1	4	77371.05	272116.3	475810
415.1209	26.64758	26.63517	26.67933	6	2	4	115789.5	402419.7	493101.9
451.1891	20.64217	20.628	20.74433	7	3	4	413776.7	1728066	2246770
369.185	38.13483	38.1125	38.21533	7	2	5	82583.85	342368.3	242130.7
203.626	9.51595	9.506667	9.537367	4	1	3	4590520	7199209	9410077
688.211	30.94008	30.91983	30.96167	4	4	0	181308.3	515874.9	239610.9
348.1882	16.15892	16.1215	16.20503	7	3	4	91734.34	457022.3	354103.6
497.1842	21.68783	21.57183	21.72217	6	1	5	113415	343771.6	416353.3
305.8466	27.92492	27.88133	27.96933	6	2	4	22898.09	65748.23	82465.81
426.3218	35.055	35.02933	35.32417	11	5	5	210760.3	852389.8	665437.5
408.1238	27.12692	27.07317	27.17217	6	2	4	306431.7	679711.3	1053501
299.111	11.49257	11.43633	11.5928	5	3	2	210322.9	361350.1	535666.8
274.5216	32.4975	32.37967	32.53617	7	3	4	51181.04	232747.3	287562.8
498.3644	26.60617	26.54567	26.6345	9	4	5	130567.8	482116.9	587336.9
392.2082	11.29537	11.28345	11.51602	5	1	4	148664.9	591326.4	468320.4
478.3488	9.188767	9.101033	9.459367	8	5	3	4030053	18756165	20551536
552.4168	16.98783	16.9155	16.991	3	0	3	33694.94	59419.2	63949.72
353.1732	15.64568	15.59763	15.7074	9	5	4	98442.76	521770.1	541909.5
302.1393	26.91167	26.8155	26.9455	6	3	3	46699.85	136612.3	147214
613.3423	9.177425	9.116917	9.2529	6	3	3	2595968	5645947	7774569
464.3352	9.82	9.503117	9.862433	10	5	5	6084281	10252308	16662099
525.2883	9.0414	8.9037	9.100467	5	4	1	2937071	6713062	7629354
270.1004	25.68433	25.63383	25.69883	8	3	5	256187.8	662442.4	1048975
280.0987	18.1235	18.089	18.158	7	3	4	124171.9	526613.3	607456
474.2813	33.86	33.76867	33.877	6	3	3	108836.2	509856	447129.3

344.311	9.550108	9.463983	9.584433	6	3	3	3023892	7631605	8357026
650.1013	10.7506	10.60763	10.80753	5	1	3	1242477	1960776	4099868
271.0752	13.66674	13.44668	13.75177	6	1	4	92887.38	603953.4	888083.8
842.5348	9.777783	9.76325	9.805317	5	2	3	327286.6	354214.5	661097
672.2459	25.716	25.66283	25.73317	10	5	5	524309.9	2219366	2490165
227.201	21.16317	21.08233	21.19667	5	2	3	504673.3	2966158	2618740
497.4073	20.3935	20.353	20.52567	5	2	3	50655.61	161724.3	191717
369.9879	13.6964	13.49057	13.76545	5	1	3	162788.1	804195.5	1738235
368.2799	25.16542	25.14933	25.18617	4	3	1	80211.01	262596.3	360429
326.2811	9.236417	9.101033	9.565117	9	5	2	66844236	1.71E+08	1.26E+08
385.1531	33.15717	33.125	33.15733	3	0	3	94977.73	552273.4	430534.1
672.2454	27.73108	27.66933	27.7375	8	4	4	256690.5	1634660	1784876
292.1924	8.894433	8.730367	8.96155	7	4	3	799704.3	1148732	980657
592.7987	10.68095	10.599	10.75237	8	3	5	3686336	7189307	14697505
750.0979	20.45075	20.397	20.51167	4	1	3	69311.41	167689.3	260242.5
356.2285	28.71833	28.681	28.74433	4	3	1	49491	147381.8	134528.7
203.107	28.14617	28.05933	28.16833	10	5	5	1429078	8785383	9157289
454.1878	20.64217	20.58967	20.7355	9	4	5	2128861	8738618	11624251
367.0974	27.13417	27.08717	27.15767	6	2	4	370167.2	840300.9	1353144
559.3002	29.18317	29.14083	29.2705	7	3	4	585998.6	1763875	2276516
432.2385	23.17633	23.10367	23.20917	10	5	5	18036434	93779460	76170862
642.4801	21.3395	21.261	21.39333	8	3	5	244315.5	890377.6	1128171
777.4579	32.13192	32.12167	32.146	6	2	4	243711.8	630511.4	866722.3
421.2331	29.65158	29.57833	29.6665	10	5	5	1385753	6966602	6822063
339.3017	20.496	20.469	20.6345	5	2	3	37880.36	105482.1	120866.5
381.3119	29.941	29.90933	29.97217	9	5	4	87238.06	434084.4	408015.7
535.3387	16.47889	16.44078	16.49852	8	3	5	197720	930650.3	836899.8
412.143	23.84167	23.7885	23.87067	5	2	3	58474.41	106814.3	142397.3
929.6711	9.835583	9.823017	9.862433	4	1	3	506887.2	600082	943841
366.2858	26.293	26.23883	26.32733	5	2	3	44742.23	69561.69	89408.93
454.9346	16.94367	16.8785	16.97683	3	0	3	55007.23	118237.1	241796.8
449.0789	21.69708	21.57183	21.74217	8	3	5	93583.41	330333.4	377773.7
371.0312	27.882	27.81883	27.89517	5	2	3	205048.3	664071	893124.1
499.1509	18.27833	18.2235	18.302	9	5	4	394080	1539825	1665296
416.1888	23.88208	23.8565	23.88533	6	1	5	262612.8	1357787	1313788
747.4119	10.67897	10.62147	10.77118	9	4	5	17492666	33378019	46749818
483.3515	24.25417	24.12583	24.28383	7	3	4	85305.88	340324.2	417251
510.4309	33.34133	33.2945	33.37067	8	3	5	721783.7	2169010	2287641
483.1116	18.1005	18.089	18.158	6	3	3	259894.3	730144	1234357
597.2478	26.86917	26.81367	26.919	8	3	5	172828	565152	737853.3
408.1325	21.02792	20.98867	21.0505	4	1	3	123705.1	339950.7	488860.5
565.014	18.10333	18.07617	18.155	4	1	3	87635.1	210529.7	341827.4
433.3151	20.43342	20.3965	20.59983	8	3	5	102176.4	425452.5	413165.5
809.384	10.69325	10.64867	10.75237	7	3	4	806737.2	1258758	976827
286.2381	30.21917	30.11917	30.25217	5	2	3	51192.68	212627.9	127655.2
377.089	30.40383	30.36167	30.48833	4	1	3	581311.6	1561116	3208467
352.27	24.95242	24.907	24.97983	8	4	4	339170	1221481	1896256

344.1052	27.20108	27.11533	27.22933	6	3	3	67855.27	175860.3	191157.8
397.2161	43.59542	43.57217	43.61617	10	5	5	999530.3	7588210	7932238
473.325	9.152625	9.004633	9.250667	4	3	1	1382317	4892354	5765276
319.2272	28.70358	28.63667	28.73267	4	3	1	394740.9	1573324	1885951
251.1259	14.4294	14.40428	14.50782	5	2	3	213945.3	1146215	1575980
393.8302	22.9685	22.95767	23.01033	5	3	2	47364.34	130778.5	191335.3
369.1359	20.65483	20.62817	20.687	5	2	3	115913.8	375464.5	473231.3
550.3173	32.12417	32.10017	32.2235	6	3	3	353484.8	718590.2	639672.3
222.1209	28.14217	28.05933	28.16833	10	5	5	1160817	6426304	6848164
249.1853	26.81917	26.77933	26.87017	5	2	3	701371.1	2437319	3438721
425.3014	10.42169	10.3779	10.45412	6	3	3	3471129	6890886	13654537
401.3381	21.404	21.3425	21.49367	10	5	5	279846.6	972342.8	1089789
248.2012	27.637	27.61883	27.6465	5	2	3	36090.55	114525.1	128622.4
293.0391	28.16133	28.05933	28.162	6	3	3	35348.3	141548.6	175471.1
542.0567	21.72567	21.708	21.7505	5	2	3	101284.8	287152.7	402422.9
279.115	30.76792	30.69017	30.8785	4	1	3	766936.2	1640367	2230070
896.4375	10.68813	10.67897	10.69392	4	1	3	4416022	7872332	16313442
200.2012	26.16958	26.1	26.21033	10	5	5	1195901	3401690	4076613
414.3011	20.42042	20.3615	20.588	10	5	5	364845.3	1500399	1450076
240.1211	16.79533	16.69033	16.82267	7	3	4	130437	737139	847453.7
520.3405	28.29283	28.24783	28.38817	9	4	5	3248128	16332498	15963615
195.1383	11.18057	11.04118	11.51602	9	4	5	460770.8	4553597	5560414
585.4965	30.16133	30.12883	30.24717	10	5	5	265620.7	1302982	1019670
521.3441	29.12492	29.09717	29.22633	10	5	5	6422739	27662310	25176835
351.0997	30.45633	30.36683	30.52667	8	5	3	284234.1	1239077	747253.8
335.1673	40.69183	40.65783	40.71283	6	2	4	43976.58	364271.9	164911.1
649.417	10.85045	10.81753	10.95503	9	4	5	77138200	1.13E+08	1.75E+08
469.3281	19.70317	19.67617	19.8175	10	5	5	263837.8	913755.2	1009211
432.3783	24.5995	24.56467	24.63383	10	5	5	578426.5	2768105	3247324
895.4342	10.69263	10.6789	10.69392	5	2	3	8323920	15787520	32778812
315.1598	16.28199	16.24337	16.30538	8	3	5	71767.56	296756.8	278344
252.1597	31.31433	31.216	31.32617	7	3	4	112028.2	318006.5	306061.6
436.2574	26.45208	26.41383	26.47833	8	5	3	1304169	3791915	4735676
610.4534	29.347	29.32983	29.41717	4	1	3	42808.32	208736.7	235237.8
647.4379	29.88525	29.871	29.90883	10	5	5	96981.51	820084.4	160657.8
352.2207	26.57092	26.531	26.62083	4	0	4	122082.5	554802.6	230786.2
273.1153	32.13042	32.0295	32.14983	6	1	5	60725.8	162667	243001
407.1354	21.02133	20.96633	21.03783	5	1	4	88614.27	332691.5	468415.1
278.0672	29.63642	29.52033	29.66617	8	4	4	224669.8	967284.3	1037071
586.4168	29.34733	29.33233	29.3605	5	2	3	72848.1	244468	277620.6
242.2845	27.472	27.42867	27.58117	9	4	5	245128.7	968825.3	873304.9
651.4236	10.8426	10.78832	10.86975	8	4	4	4729004	6165779	9608283
316.285	22.762	22.67817	22.79733	6	2	4	67973.95	250874.5	267444.9
229.1995	15.95405	15.75162	16.07195	7	2	3	378024.8	3518980	4726805
389.2522	10.55748	10.5346	10.56898	5	2	3	1091974	4643426	5716803
593.0456	22.1355	22.12217	22.1715	5	2	3	96126.89	245659.4	391652.3
423.2719	40.30983	40.25067	40.3475	7	3	4	92607.23	473478	459346.5

364.1835	43.602	43.53283	43.6335	7	4	3	130256.2	1215510	495272.3
743.5173	34.39567	34.34333	34.408	5	2	3	65559.53	193359.4	279028.7
259.1656	22.75367	22.70783	22.78383	10	5	5	5471250	26817752	29536486
498.119	26.63917	26.531	26.68133	7	3	4	124392.7	509666.2	605489.6
459.1669	20.65367	20.61367	20.7265	8	3	5	502896.7	1964400	2505668
231.1941	11.93243	11.89515	11.97157	4	1	3	71955.63	96732.54	54268
498.3792	31.47383	31.435	31.51383	9	5	4	274258.7	1445847	1354753
571.3834	28.14717	28.04433	28.1765	7	3	4	523805.8	1599037	2165958
433.2419	23.17692	23.10367	23.20917	10	5	5	4732030	24369280	20118974
325.2016	26.278	26.205	26.297	5	2	3	160493.7	885029.6	647463.1
570.3185	9.121117	9.004633	9.169933	5	3	2	613131.6	1354590	1387346
384.0428	22.13475	22.0845	22.14983	10	5	5	150326.8	782259.2	719859.2
650.1726	20.42575	20.39183	20.588	8	3	5	998011.4	2983700	4286351
241.1802	16.81675	16.76283	16.8325	6	2	4	170693.5	1011564	863332.3
533.2577	18.06167	18.05717	18.11017	5	2	3	120855	281059.9	407580.6
336.2454	20.95983	20.91433	21.03617	6	4	2	128718.3	731624.9	487253.6
371.2048	12.33628	12.32863	12.48778	5	2	3	138351.4	514848.1	474672.9
414.1935	33.17183	33.15433	33.1875	4	0	4	66634.61	485372.6	173326.9
270.1493	26.308	26.24733	26.32633	5	2	3	45042.3	116458.6	146507
520.3407	29.12492	29.09717	29.22633	10	5	5	21993160	98697403	88400593
348.3266	24.06133	24.0165	24.1045	8	3	5	526818.1	1898681	2550290
666.3951	10.87913	10.81753	10.88395	5	2	3	343473.2	276960.5	420638
568.3406	28.49058	28.43717	28.568	6	3	3	3907616	19479737	20053290
436.0048	22.99133	22.96	23.02483	5	2	3	63189.14	192523.2	253545.7
349.7673	9.208	9.116917	9.278583	7	5	2	5402321	8959651	6868584
455.0094	16.6885	16.62375	16.7075	6	2	4	177748	562561.2	1066420
520.3636	40.4365	40.39167	40.45683	10	5	5	181110.3	1053444	750763
284.0991	18.13833	18.089	18.1585	7	3	4	243314.5	1105168	1364653
524.3712	35.92342	35.90967	35.966	4	3	1	213583.4	505003.8	372626
597.4218	32.13617	32.10233	32.14633	7	3	4	186676.7	658981.9	818739.2
223.1241	28.15425	28.02967	28.176	6	3	3	53280.29	187892.1	99184.88
348.9672	13.71118	13.66637	13.75177	4	1	3	94267.79	338827.3	667564.9
292.7477	28.13942	28.04433	28.1765	8	3	5	87032.61	400879	441496
417.1922	23.88408	23.82683	23.9	4	1	3	51481.96	106649.4	102383.3
403.3058	39.73183	39.64917	39.80883	9	5	4	63690.57	476677	233862.3
801.1011	22.12567	22.05267	22.15117	6	2	4	297247.5	637555.8	1168570
745.1659	22.13033	22.09783	22.1365	5	2	3	104708.6	196344.4	320599.5
474.606	7.507108	7.458333	7.6215	4	1	3	508347.8	458176.6	639044.8
446.1456	20.7295	20.68167	20.76733	7	4	3	74379.3	268263.5	250309.5
571.3595	30.26258	30.23533	30.36167	10	5	5	6243880	35185090	28861221
241.1781	10.9623	10.8406	11.0843	9	3	4	878840.3	2191707	1805438
391.2961	15.52753	15.49798	15.55728	5	2	3	348033	3571541	2231298
659.1287	18.1035	18.0555	18.1585	7	3	4	630792.3	1679380	2935858
451.3257	20.41717	20.3615	20.588	10	5	5	810300.6	3266387	3199745
283.0959	18.13117	18.0555	18.1595	10	5	5	2482765	14279743	16832232
385.1878	18.13058	18.09117	18.155	6	3	3	211793.3	775591.3	915432.7
620.4242	43.60467	43.5875	43.6335	5	4	1	245861.8	1635150	790069.4

258.0599	19.35067	19.30917	19.3935	7	3	4	90477.72	365748.6	369636.3
566.4233	30.26775	30.23533	30.34733	8	4	4	66448.8	331465.6	294585.1
612.3193	20.91967	20.85167	21.0485	5	3	2	83588.09	410970.7	381397.2
479.0273	23.006	22.96	23.01883	5	2	3	58428.47	127138.2	177633.5
306.2512	35.02733	35.02583	35.11767	3	0	3	122730	603135.4	633836.9
299.1622	26.32633	26.23883	26.38467	7	4	3	99469.02	283962.6	327763.8
440.1528	20.64917	20.62817	20.687	4	1	3	91418.74	317167.9	332122.8
586.4173	26.68017	26.61617	26.70833	9	4	5	225584	988730.9	1175153
416.1915	32.11483	32.0875	32.13233	5	1	4	214944.4	507380.1	810906.5
267.973	19.33775	19.29933	19.35933	6	2	4	200229.4	662624.3	946162.9
672.8699	16.68867	16.66283	16.72017	4	1	3	56739.71	146298.4	322527.2
614.3464	9.186383	9.1237	9.211383	5	2	3	724217.8	1072295	1424239
815.5936	11.49065	11.47827	11.9058	6	2	3	231607.8	841221.5	979136.8
398.3272	29.48492	29.4335	29.75333	8	3	4	76604.53	409074.2	327746.6
522.4388	10.04445	10.00425	10.06338	5	3	2	211890.3	569227.6	909848.3
378.228	29.18217	29.149	29.228	3	0	3	252807.3	2265156	745656.6
823.3598	10.67897	10.599	10.75237	6	2	4	1054706	2725354	5390195
306.3006	37.82467	37.782	37.90067	6	2	4	417150.8	2286874	2334755
281.1387	23.17633	23.10367	23.20917	10	5	5	638290.9	3109027	2410082
295.1112	22.12492	22.05267	22.14983	10	5	5	18367640	76614253	1.03E+08
208.1698	12.99297	12.9617	13.06513	7	3	4	116436.9	304600.8	321449.7
715.5408	25.83742	25.80617	25.84783	4	3	1	71152.95	161003.3	219478.7
457.3641	22.60683	22.48433	22.6455	9	4	5	302802	2743811	3089388
275.6259	27.47642	27.45867	27.546	6	2	4	247933.4	1457632	1963797
331.0159	17.161	17.11867	17.18083	5	4	1	59475.43	295130.4	147126.4
651.1758	20.44917	20.411	20.59983	7	2	5	274083.1	776018.7	1109191
209.1539	18.45367	18.43167	18.50167	7	3	4	275924.5	1380142	1156124
254.248	33.89108	33.82933	33.90133	6	4	2	163398.5	754481.4	867570.2
604.1492	23.85617	23.83917	23.88067	4	1	3	40608.2	68761.56	149963.1
550.3881	25.27117	25.19483	25.30433	5	2	3	91012.19	259847.7	350447.5
445.3139	28.76483	28.74617	28.97633	7	2	4	144325.3	528979.5	623907
260.6395	9.196767	9.101033	9.250667	6	5	1	1080307	2563894	2166920
383.593	23.282	23.25383	23.3685	9	4	5	89039.97	393882.8	432443.6
456.188	20.98442	20.963	21.0485	6	2	4	444036.7	2326807	2970350
582.4587	25.78433	25.779	25.8335	3	0	3	153060.5	429231.7	551792.9
339.2017	17.196	17.19467	17.2225	3	0	3	44741.93	93971.72	105940.7
504.2417	20.42242	20.3615	20.588	10	5	5	2351062	9115061	11668699
451.3305	9.186383	9.163733	9.446567	5	3	2	7513665	6417183	7687044
372.101	42.74125	42.67917	42.7635	10	5	5	159278	1088228	542581.6
405.2638	38.10258	38.0825	38.12717	6	3	3	89977.19	522931.9	447365.3
208.0793	21.02017	20.95533	21.05783	9	4	5	141017.9	507228.1	564143.4
597.1198	20.64242	20.628	20.7015	6	2	4	218868.3	860977.1	1241519
727.5271	23.45133	23.34133	23.62017	6	3	2	1271331	881550.4	1306237
314.9805	16.943	16.893	16.96167	10	5	5	797019.2	3888312	5051694
695.5585	27.29342	27.2355	27.36317	6	2	4	93129.61	390962.1	515297.7
285.1855	24.83867	24.81333	24.88817	8	4	4	769987.6	3109079	3983984
284.2953	27.44817	27.42817	27.4705	5	3	2	60560.72	252893.5	249014.8

296.1945	19.81717	19.802	19.92167	6	3	3	80143.95	318747	338375.4
254.0844	22.12492	22.05267	22.14983	10	5	5	17334626	70157325	95778275
304.285	22.77583	22.73733	22.79817	10	5	5	5382024	17190587	21079996
336.1291	30.442	30.31867	30.4965	9	5	4	141942.7	639047.4	492201.9
409.2325	9.637333	9.188017	9.7372	10	5	4	1.72E+08	2.83E+08	3.21E+08
687.5435	26.3195	26.30383	26.59167	6	3	1	147886.5	593874.6	624117.2
569.315	9.134567	9.004633	9.183583	6	4	2	3096576	6461649	8386774
305.3036	27.94117	27.88167	28.02533	10	5	5	1534640	7597421	7137646
630.4437	26.70933	26.631	26.73767	9	4	5	246640.3	949578	1107955
170.1541	22.385	22.327	22.40867	7	3	4	98360.02	355149.5	368436.6
464.0459	27.85242	27.84883	27.86817	4	1	3	36214.54	39425.33	63391.48
232.0928	10.43838	10.34782	10.4628	7	4	3	604976.7	1309038	1193577
657.3686	9.251833	9.178	9.294367	5	3	2	2008288	3773792	5884812
191.1796	21.54467	21.44083	21.59583	5	1	4	251691.2	1391929	1353846
413.161	25.90625	25.89117	25.9325	4	1	3	40217.19	112569.2	68990.12
427.1786	15.87585	15.84463	15.90992	3	0	3	50167.69	102124.1	118905.5
687.3361	21.00675	20.94917	21.03417	6	2	4	840655.8	4026833	5430539
470.3157	26.23342	26.18667	26.31783	8	4	4	181748.7	556452.8	429969.5
319.1913	18.42483	17.95883	18.45067	8	4	3	87707.19	300119.2	206949.9
910.4381	29.228	29.19917	29.28517	5	2	3	72629.22	206641	224960.9
432.3118	20.41275	20.3615	20.59983	10	5	5	450562.3	1952657	1878844
286.1079	22.50142	22.441	22.542	10	5	5	408356.9	1492981	1619290
672.2267	29.22325	29.199	29.29983	4	1	3	109751.8	179093.2	321654.7
317.2035	26.66483	26.62017	26.66583	5	3	2	43789.37	159438.3	164546.1
428.0096	15.26123	15.2609	15.36515	3	0	3	44575.11	89438.64	166238.6
279.2945	30.74042	30.52917	30.7775	4	0	3	88080.58	229609.1	226361.1
235.063	15.90272	15.89132	15.95433	4	1	3	54274.42	196058.7	290912.7
347.8172	2.076517	2.054783	2.092317	5	4	1	49899.09	472154	210556
529.3125	29.47033	29.45583	29.57867	9	5	4	178407	636336.9	684696.2
310.2872	28.42825	28.40983	28.47467	6	2	4	41069.08	115232.5	155433
321.0791	25.77808	25.71833	25.822	4	1	3	184766.1	639536.7	452486.8
306.2028	22.75583	22.70783	23.06417	12	5	5	954757.3	3122935	4596751
161.0963	28.14717	28.04433	28.1615	9	4	5	479294.1	2532792	2612248
244.0645	18.13833	18.089	18.1585	7	3	4	242656.3	1033503	1260295
368.8913	9.52075	9.444983	9.537367	3	0	3	3069976	3408276	5381499
363.112	30.85533	30.73283	30.88867	8	4	4	217818.5	1397428	968268.3
167.9937	30.41183	30.31867	30.47133	6	2	4	144693	810960.9	813685.1
713.1811	30.97317	30.94733	31.0515	7	4	3	93664.15	543243.4	415981.1
462.3775	28.64308	28.52867	28.68783	8	3	5	431330.2	3410518	3670603
329.2306	18.32133	18.2975	18.36533	7	3	4	657035.9	2703140	4027566
302.1605	22.155	22.05267	22.19417	8	3	5	359540.4	1481609	1530176
331.21	9.80475	9.63195	9.932383	6	1	3	8941157	10629374	16867521
268.1	22.25642	22.21317	22.27733	6	2	4	1168100	6163877	8245061
415.3045	20.4245	20.382	20.59983	6	3	3	71483.4	297683.5	283189
512.2696	41.79942	41.50167	41.9365	6	3	0	34788.97	450933.7	172269.1
231.0684	22.12267	22.03667	22.14983	9	4	5	1450402	5134897	7160066
575.252	10.72897	10.72183	10.74052	4	1	3	3086915	8638773	18212848

456.3328	22.24883	22.18067	22.479	9	3	4	107629.2	342235.6	327914
380.3015	22.75217	22.50833	22.807	7	3	3	67934.05	249576.8	362608.7
619.1725	22.3475	22.27817	22.37883	9	4	5	218344.1	809133.9	908764.6
398.8272	8.95155	8.78305	9.0047	9	5	4	3618235	6504136	5322429
367.121	19.71183	19.66317	19.8	8	3	5	356055.1	944329.3	1709123
599.2693	30.99417	30.92133	31.07383	9	4	5	90020.84	406068	269729.4
504.125	20.89133	20.86317	20.94767	7	3	4	80165.3	227256.1	227338.1
415.2935	18.939	18.90983	18.96767	10	5	5	5749004	22956466	28892590
536.3325	10.80752	10.79157	10.81455	5	3	2	469663.8	873686.6	1358898
445.2599	38.39117	38.35433	38.44567	9	4	5	92138.64	454514.8	420395.6
611.2613	29.20267	29.15567	29.22983	6	5	1	147593.4	391134.2	371062.9
502.2934	28.37642	28.32717	28.47817	10	5	5	5895857	24462184	28014359
570.3561	30.26258	30.23533	30.36167	10	5	5	18594376	1.08E+08	86744209
545.3438	28.4975	28.45233	28.58283	7	3	4	3075050	14420612	14640718
762.5232	26.774	26.76533	26.79583	7	3	4	67010.85	238931.9	297513.2
354.2224	19.79983	19.763	19.86983	7	2	5	104720.1	478662	481896.9
326.2332	27.50317	27.371	27.56233	7	4	3	100387	468434.8	517858.5
508.3403	29.78567	29.757	29.88483	10	5	5	3516280	22455984	17592352
414.2812	13.85224	13.7991	13.85837	4	1	3	44727.02	85015.64	119747
312.7139	23.48767	23.44483	23.55217	7	3	4	44809.52	176523.9	223598.8
687.3364	20.65667	20.61367	20.7355	5	1	4	720133.5	2460621	3374252
869.3151	20.64908	20.61367	20.7265	6	2	4	220987.3	575707.3	810130.8
254.0672	19.24233	19.21983	19.27617	8	4	4	437857.1	1743635	2029342
474.348	44.29167	44.27733	44.29767	3	0	3	51985.1	512313.4	88703.73
494.1819	17.39142	17.35567	17.3985	4	1	3	37462.14	104506.1	127099.6
292.4433	8.919667	8.747883	8.989483	6	4	2	439557.6	841838.6	657401.2
751.6209	34.36567	34.33717	34.4685	8	3	5	994131.1	3202429	1716909
439.3211	41.87633	41.86233	41.8925	4	3	1	79894.53	237916.3	146409.8
437.1532	21.70933	21.60133	21.74033	7	2	5	229554.6	907053.2	1073727
486.0514	26.20767	26.173	26.2475	6	2	4	110447.3	408513.8	585987.8
562.4009	43.7555	43.71267	43.79117	5	2	3	57287.65	444897.7	84576.1
422.0249	25.68617	25.63817	25.705	9	4	5	233913.4	720835.3	1075406
228.2323	31.65667	31.59783	31.704	7	3	4	286888	1319791	1453093
681.047	9.463983	9.387533	9.577667	3	0	3	5631616	7847539	9797693
372.1345	20.65367	20.628	20.74433	8	3	5	387536.4	1498600	1939183
327.1259	21.57692	21.45517	21.6105	6	2	4	393474.3	2288822	1903261
357.1734	22.11425	22.05367	22.12217	4	1	3	59819.91	149316.7	84525.68
444.1476	12.42978	12.32863	12.50232	4	1	3	54688.14	185563	395046.6
225.2158	23.048	22.96	23.06783	7	3	4	92129.02	313332.6	283826.5
357.0317	25.66767	25.623	25.69217	7	3	4	69910.89	215672.4	301533.3
407.2881	29.80608	29.755	29.81767	8	4	4	53447.13	412916	200009.5
439.3325	27.32708	27.26517	27.37883	10	5	5	448283.5	1765047	1960481
568.3406	29.13267	29.11167	29.22633	10	5	5	37330252	1.51E+08	1.39E+08
620.2866	32.2235	32.07333	32.2365	3	0	3	71992.5	173421	83993.6
369.2391	9.657717	9.435533	9.71975	5	3	1	60167972	77573292	1.22E+08
544.3404	28.48433	28.45233	28.58283	8	3	5	9815331	49217371	48400440
387.3502	23.3115	23.23917	23.5905	13	5	5	1563090	6461337	7012740

349.5883	26.90283	26.85467	26.92417	6	2	4	60106.3	89136.49	152243.2
720.3457	24.81142	24.7635	24.85467	8	4	4	71214.89	311733.6	358820.3
385.1798	35.07	35.042	35.103	3	0	3	44054.24	213846.4	112593.4
431.7061	10.67149	10.599	10.75237	8	3	5	3625770	9826798	19577177
428.1527	14.00578	13.99132	14.12805	7	3	4	264873	876526.4	1689531
278.1836	28.1455	28.04433	28.1765	9	4	5	192052.8	1132591	849493.5
278.0689	21.701	21.67933	21.71283	5	2	3	55333.24	187022.6	219850.1
326.2333	25.60483	25.56083	25.64017	5	1	4	160544.6	518069.8	709737.9
240.1097	4.372683	4.141683	4.41305	4	1	3	800412.3	6871448	4307856
295.0606	25.68042	25.64683	25.70383	4	3	1	36569.32	143432.4	62099.21
359.4828	8.809292	8.58785	8.85675	4	3	1	167736.2	191172.7	146584.5
242.0691	18.124	18.04133	18.1585	9	4	5	766059.1	3504438	4339530
271.1885	14.5167	14.41085	14.7077	10	5	5	738515.5	4232888	6374785
461.2952	23.73017	23.6485	23.75267	7	4	3	96976.8	552074.6	576953.4
486.3736	9.2114	9.132617	9.280533	6	3	3	1043533	1451329	1240932
236.0564	30.441	30.34733	30.45967	6	2	4	86294.98	443679.1	469923.9
394.2957	28.68775	28.681	28.689	4	1	3	81175.16	340496.1	369541.5
570.4113	11.03025	10.92607	11.13185	9	4	5	343630	1054532	1539436
509.1841	10.41848	10.36155	10.49713	9	4	5	1159193	2674359	2400852
319.2832	19.88558	19.8615	19.99017	8	3	5	266344.1	617822.6	943500.5
526.1563	22.183	22.0845	22.19217	6	2	4	559679.8	1866217	2855147
469.1789	14.05264	13.98623	14.21977	8	2	5	494139.5	1676845	3123658
195.1383	19.56983	19.51717	19.58883	7	3	4	289729.9	2323364	1639637
699.4903	34.57392	34.55133	34.604	8	3	5	86944.55	329453.9	448064.5
538.1767	25.68333	25.67167	25.689	4	1	3	152566.8	243199.7	466251.2
311.2949	36.621	36.60133	36.63833	10	5	5	1303723	10595246	8462091
286.2745	23.89833	23.824	23.91067	7	3	4	581478.3	2879245	3262655
248.2305	28.218	28.1925	28.23483	10	5	5	1004717	5684069	6038030
398.3255	8.95155	8.78305	9.0047	9	5	4	8361379	14745248	11113142
286.1107	25.689	25.6755	25.726	5	1	4	59841.67	138260.6	255859.4
390.2854	36.68058	36.64933	36.69483	6	2	4	164735.8	709689.1	712957.2
547.3594	30.86167	30.83133	30.9455	10	5	5	2426768	14871657	11955883
412.2852	22.64283	22.574	22.66467	4	3	1	81458.41	310141.4	286913.6
406.1292	26.91467	26.86317	26.94067	7	3	4	126657.2	538196.5	614690.3
312.181	19.52025	19.50167	19.5465	4	3	1	81164.49	432002.3	402383
401.3344	10.4545	10.37973	10.53643	5	3	2	5.96E+08	1.51E+09	2.55E+09
637.3059	41.19333	41.16333	41.23617	10	5	5	5686128	31850923	21364013
572.0365	16.92767	16.89217	16.96167	5	2	3	110826.2	243203.8	489532
536.0675	19.69667	19.65883	19.7825	8	3	5	1633344	4050802	8445976
401.2509	12.37087	12.3356	12.41443	5	2	3	1210926	3486997	3148187
219.1746	24.04467	24.00183	24.07917	6	2	4	314937.5	1477851	2013581
928.6678	9.823017	9.777983	9.862433	7	4	3	1907520	2352187	4131074
432.184	21.76967	21.6765	21.779	3	0	3	205486.2	331034.2	235477.7
523.8017	30.96517	30.93483	31.07383	9	4	5	1033778	2762632	3374555
279.0406	30.761	30.56083	30.9075	5	1	3	62276.67	134342.5	155851.8
442.8013	29.72333	29.69567	29.77283	6	4	2	59708.35	383008.1	97255.55
679.513	18.21025	18.14683	18.2975	4	1	3	3299731	17104497	8065485

567.1831	22.17658	22.10033	22.24517	6	2	4	181949.7	492516	830431.2
379.14	31.33092	31.301	31.34333	4	0	4	420679.2	822762.6	1552719
638.3097	41.20058	41.16333	41.25083	10	5	5	1869657	10113034	7083465
726.0091	42.82933	42.81533	42.8875	4	1	3	36205.45	160047.4	25331
278.1859	8.9449	8.78305	9.031133	5	3	2	186900.4	284948.1	210868.1
228.1597	21.301	21.20817	21.35033	4	0	4	59941.43	197003	171606.3
431.2887	11.27073	11.26468	11.32252	5	3	2	173383.4	357796	426905.2
346.2097	29.74017	29.72433	29.827	3	0	3	43814.41	284705.9	125570.7
400.981	10.40009	10.36803	10.45082	4	1	3	595934.9	1541900	1593637
280.1856	8.9903	8.817733	9.031133	4	4	0	182241.4	224788.7	133168.5
360.2382	9.52075	9.459367	9.565117	7	4	3	1858924	5738031	6740826
846.4445	23.17983	23.10367	23.20917	9	4	5	1099009	2279091	3025430
740.3618	43.59583	43.578	43.64517	4	1	3	49890.12	320798.2	122493.6
425.1095	43.35292	43.2475	43.41183	6	4	2	56797.83	601850.2	105782.4
667.5139	37.41567	37.38683	37.5685	7	3	4	46016.85	224446.5	229578.5
428.3094	29.96575	29.951	30.02217	6	3	3	37494.78	234610.9	70243.85
364.1154	30.82075	30.73283	30.861	4	1	3	37271.11	126841.2	132524.6
519.3673	42.62992	42.578	42.70617	4	1	3	25015.05	77738.92	17281.16
385.3512	25.77375	25.74717	25.78767	6	2	4	96456.66	229657.6	305887.3
351.0531	24.71217	24.66817	24.75017	7	2	5	383464.4	826035.7	1684634
746.528	24.28592	24.19517	24.416	6	2	3	84773.27	654995.9	826570.8
437.2608	26.44483	26.41383	26.46317	7	4	3	246851.9	698658.5	852664.6
507.4639	29.71892	29.69533	29.7725	10	5	5	116061.7	544899.2	390717.3
468.4416	39.69758	39.66883	39.922	10	5	5	5564297	42300440	16715168
287.0887	18.13075	18.07617	18.155	6	3	3	85952.55	500452.5	365446.6
359.2402	9.489217	9.33635	9.584433	8	4	4	29429998	1.17E+08	1.44E+08
201.1962	23.4715	23.44483	23.53733	5	2	3	50351.5	176359.3	203649.9
290.6087	22.75733	22.71833	22.78383	7	3	4	48799.04	165147.3	244833.2
860.112	26.87317	26.864	26.891	4	1	3	31149.05	58732.53	82073.34
245.0476	18.1585	18.09117	18.16983	5	2	3	75570.3	334469.1	371965.7
464.8306	9.14945	9.101033	9.280533	5	3	2	1186243	1191768	1340630
359.2409	22.37667	22.31083	22.41483	9	4	5	407118.8	1748939	2117043
365.5606	9.537367	9.52075	9.545617	3	0	3	3092154	3113765	5343797
523.2999	30.95767	30.93717	31.07383	10	5	5	2062035	5375747	6723577
194.0095	13.41414	13.30308	13.53058	6	2	4	75148.77	625929.1	427796.9
249.0791	22.12875	22.05267	22.14983	8	3	5	264950.3	588938.8	780809.4
490.3835	24.09975	24.07833	24.2995	6	3	3	69052.48	249465.5	284692.5
526.4109	34.21783	34.18167	34.24567	8	3	5	89777.29	491606.7	208022.9
449.3276	28.76083	28.74617	28.78	5	2	3	65688.74	177239.5	156857.3
414.0524	19.344	19.29933	19.364	8	3	5	212841.5	793221	1016191
245.1064	21.69342	21.57183	21.71567	8	5	3	129728.9	428693.5	311978.1
982.4519	27.23733	27.17617	27.25833	9	5	4	185775.4	675570.6	687546.7
323.2222	28.34825	28.26817	28.35633	6	3	3	141591.7	650246.4	585965.2
508.3361	9.7788	9.730617	9.866317	5	2	3	440866	902611.3	1164232
548.3079	30.92908	30.8905	31.017	6	2	4	429186.5	1170029	1281785
544.2438	9.19665	9.15355	9.2866	6	2	4	7155754	11487619	20311869
689.282	36.87858	36.85667	36.99267	6	2	4	212269.5	1038972	938615

538.4326	25.3805	25.34317	25.40217	8	4	4	210311	529459.6	695197.4
477.3103	8.800333	8.780583	8.972583	3	3	0	18832520	59051943	90893490
543.3283	26.86858	26.81367	26.919	10	5	5	1533662	6675135	6227911
513.0278	27.12667	27.08717	27.164	6	2	4	151148.8	306896.7	503233.1
488.2698	42.70817	42.62283	42.865	4	3	0	37215.82	355400.1	155467.8
574.2488	10.72884	10.68362	11.02648	6	1	5	11483314	34239916	70674910
772.1871	29.14792	29.12383	29.17717	4	1	3	61090.02	116858.3	159526.7
447.0632	21.13833	21.12633	21.15517	5	2	3	133281.3	527346.7	545466.2
579.2937	30.84833	30.73283	30.88867	10	5	5	4456586	23588368	23584790
534.072	19.70433	19.68733	19.7255	4	1	3	161846.2	378959.9	815066.7
601.1154	20.64792	20.61367	20.71717	8	3	5	306003	1044071	1423856
588.4108	10.1429	10.11443	10.14968	5	2	3	525903.6	517384.2	836616.3
255.0877	22.12492	22.05267	22.14983	10	5	5	2025497	7281475	10283741
419.1371	20.9745	20.94917	21.01983	4	1	3	102746.1	453898.7	577765.4
482.4055	35.50667	35.49583	35.55017	7	3	4	555899.1	7835749	7581456
359.2047	11.298	11.27073	11.36423	5	1	4	657194.3	1802771	1466913
251.2009	28.29283	28.1635	28.30833	7	3	4	204862.9	1085860	919960.6
295.191	19.82133	19.772	19.92167	9	5	4	533377.6	2814919	2403585
425.7754	8.793992	8.551733	8.877983	8	5	3	502237.9	1348256	990289.2
752.6239	34.36567	34.3555	34.37217	4	4	0	457921	1424882	779723.1
501.2812	26.13433	26.09583	26.205	9	5	4	501147.8	1335604	1470447
348.2825	27.29617	27.25033	27.37867	9	4	5	223883.6	792996	944987.1
278.0673	20.25667	20.22267	20.403	6	3	3	102278	510111.4	571010.7
424.0214	25.68575	25.65983	25.71367	6	2	4	112209	286347.2	508873.5
281.0512	42.75867	42.7395	42.77833	5	3	2	27670.83	147217.2	68246.78
414.2959	32.6535	32.60533	32.6705	4	0	4	115835.8	919514.1	713267.5
582.257	20.42283	20.411	20.57583	5	2	3	123020.7	350399.2	316065.8
174.1492	15.01578	14.97883	15.0541	4	1	3	39789.86	89268.8	97352.44
328.3004	27.029	26.98533	27.06967	7	3	4	254440.1	1106857	1277334
364.0255	17.077	17.03717	17.14583	4	0	4	35735.86	178323.7	67045.53
396.0833	19.34258	19.3205	19.3935	6	4	2	60839.66	213599.8	117710
408.2288	20.21608	20.21033	20.3445	4	0	4	70095.39	317450.7	172234.7
657.9071	19.33667	19.316	19.40817	4	1	3	79198.8	63460.84	83501.29
238.1886	18.8655	18.83417	18.93733	3	0	3	44000.21	223604.6	242905.8
334.0967	32.77958	32.72633	32.835	6	3	3	21475.12	84498.93	67968.77
523.3594	31.25	31.22767	31.32933	6	3	3	1639219	14219556	11759812
346.2535	21.88017	21.70667	21.904	10	5	5	1748511	10317559	10439799
799.5485	23.23833	23.207	23.26967	7	3	4	1414824	2824000	3837613
267.1746	28.76908	28.70933	28.81933	6	2	4	284948.4	2244317	2748628
583.3003	29.18317	29.15517	29.25583	7	3	4	1108293	3088221	3945824
659.2176	41.19308	41.16333	41.23617	10	5	5	101812.1	599253.7	396642.8
622.7621	29.14467	29.12633	29.2115	4	1	3	91877.83	158887.1	267877.3
325.9885	16.949	16.9035	16.973	4	1	3	42271.12	122955.1	138857
648.3966	19.05475	19.026	19.086	8	4	4	71971.85	210449.9	244150
408.2232	43.5875	43.57467	43.60167	3	0	3	214372.3	3676299	591903.5
365.5931	29.152	29.12633	29.198	4	1	3	79780.69	192003.1	289658.2
250.1651	6.81415	6.59705	6.874467	5	2	3	6408270	1.03E+08	1.69E+08

566.2393	26.238	26.202	26.346	5	2	3	40139.61	100805.6	118618.8
575.7691	30.93658	30.87817	31.017	4	1	3	138140	197100	413125.1
380.0877	30.43367	30.34733	30.50117	6	2	4	1866529	4942617	10081379
502.2464	20.4375	20.3965	20.497	5	2	3	134209.3	396759.3	520223
313.1226	25.67292	25.63383	25.69883	8	3	5	388541.2	1522734	1420207
467.3489	20.42042	20.3615	20.588	10	5	5	380229.9	1795220	1688716
447.2744	40.4405	40.40733	40.4725	9	4	5	72784.11	398697.2	249068.2
450.3222	21.15617	21.14417	21.264	5	3	2	622213.4	2893049	2598067
301.0761	22.65975	22.5875	22.69	8	4	4	98678.04	425547.7	431578.9
368.3012	22.48267	22.441	22.51817	5	2	3	74958.1	236962	269474
386.3423	24.99383	24.95233	25.00367	7	3	4	385260.4	1371858	1687392
203.107	19.56983	19.51717	19.599	9	4	5	298538	1988840	1948578
469.445	39.69825	39.66883	39.922	10	5	5	1893546	12919877	5523786
347.1775	35.089	35.0125	35.11767	9	4	5	265423.9	1134364	1331432
440.2468	25.67708	25.623	25.71367	6	2	4	352372.6	533570.4	911282.4
311.1648	27.516	27.39967	27.547	7	3	4	95152.29	432130.9	348058.8
240.1961	21.40183	21.261	21.4345	9	4	5	103624	546732.9	549532.2
667.4571	34.74575	34.72133	34.7925	4	1	3	24377.53	77190.88	121475.1
464.837	9.837683	9.763683	10.06338	10	4	4	3073877	4607836	7794731
286.2746	25.03108	24.9975	25.053	10	5	5	5242168	20820998	23363067
652.4261	10.86477	10.82042	10.89825	5	2	3	496395.3	545554.9	852319.5
582.202	25.689	25.64683	25.71367	5	1	4	139466.4	211291.5	468930.8
484.3637	29.25717	29.243	29.3435	5	3	2	59480.12	230051.5	226185.9
518.325	26.70308	26.684	26.76533	6	2	4	495202.8	1948005	1863773
402.3372	25.21225	25.17983	25.23083	6	2	4	258896.2	974506.7	1025415
546.356	30.86908	30.83133	30.9455	10	5	5	7901944	51083303	39587537
398.3058	30.01392	29.98567	30.02767	8	4	4	161792.8	893868.8	947388.3
526.2916	9.029692	8.9037	9.0867	4	3	1	565479.8	1207924	1431157
878.6069	33.94667	33.90033	33.99433	5	2	3	105820.2	714010.2	713179.7
648.4461	43.293	43.29233	43.33667	5	3	2	31055.24	136926.4	48592.1
482.348	24.22467	24.097	24.269	10	5	5	356394.9	1491382	1566834
521.7859	27.48667	27.4605	27.56117	5	2	3	118058.7	300831.9	404281.7
393.1331	18.85133	18.81983	18.8935	5	1	4	140078.8	378016.7	417628.6
328.1999	9.059967	8.92085	9.100467	4	3	1	353270.6	463794.1	697484.9
594.9658	19.71067	19.69017	19.7225	5	1	4	167166.4	393568.4	827894
296.1144	22.12067	22.03667	22.14983	10	5	5	2426586	9809269	13525557
422.3482	38.0715	38.0385	38.11267	4	1	3	135899	375716.3	306493.9
290.2847	27.48867	27.472	27.53733	5	2	3	34235.21	87726.86	110314.9
274.5978	22.129	22.06867	22.21567	6	2	4	148237.1	296202.2	586760.8
491.2911	22.51933	22.4575	22.56017	9	4	5	168705.9	685169.4	775300.7
437.2632	11.20218	11.13748	11.22767	4	1	3	97777.12	201854.5	270407.7
346.2536	21.44658	21.31517	21.47	8	4	4	1362632	7037805	7089567
1016.674	29.62192	29.6215	29.6665	4	3	1	26688.08	62315.52	18958.84
179.0172	7.318133	7.191067	7.7073	7	5	1	18190336	1.08E+08	1.13E+08
929.6264	29.68417	29.65917	29.72433	10	5	5	49571.53	400914.3	75257.87
410.1624	21.0085	20.963	21.0485	5	2	3	156390.3	1094825	822382.7
478.315	25.03817	24.99133	25.05017	9	4	5	186561.4	724865.3	786072.5

549.1519	10.6797	10.63273	10.7167	7	4	3	635149.6	1881548	2381754
303.0894	21.2115	21.18583	21.22083	5	2	3	60607.83	186006.6	231604.3
495.3407	29.66633	29.629	29.68067	8	4	4	74360.88	651556.1	175732.6
288.2902	25.53383	25.50067	25.58433	6	2	4	61048.35	187038.3	216510.1
499.3826	31.50158	31.47917	31.5415	4	1	3	78703.84	366619.1	343800.3
326.2526	11.64675	11.62662	11.65747	6	3	3	613798	1075739	1673576
582.4356	29.09725	29.07833	29.1255	6	2	4	48029.72	101732.8	103640.4
395.2267	20.94633	20.93317	21.09433	4	0	3	56767.26	174827.4	215125.7
266.1731	15.12812	15.09967	15.18693	7	3	4	50874.88	255185.1	243814.4
586.4997	30.16875	30.13483	30.24717	8	4	4	71997.45	345357.6	266160.1
260.0797	18.128	18.07617	18.1585	8	3	5	216368.6	1032234	1029719
410.1714	23.56033	23.54633	23.58183	4	0	4	96998.15	313845.4	156099.8
411.1455	26.652	26.64117	26.67933	6	2	4	85947.44	252730.8	228860.6
637.2617	32.13575	32.0875	32.146	6	1	5	133236.2	231680.1	467207.2
471.3613	8.926225	8.677417	9.30105	8	4	3	9390553	20609957	16171798
422.2386	44.73817	44.39067	44.975	7	1	3	61300.64	748582.2	185358.1
506.2419	20.43342	20.39183	20.588	8	3	5	412882.9	1494112	1836704
327.3376	24.57917	24.53233	24.60117	7	3	4	94763.73	425430.8	476236.2
394.2959	27.75192	27.705	27.76567	8	4	4	134682.5	718566.5	735230.3
499.1451	25.689	25.64683	25.69883	5	1	4	201670.5	327125.1	717316.7
788.2648	20.64908	20.62817	20.687	4	1	3	221372.5	601661	837941.8
541.4047	29.22133	29.18433	29.31467	8	4	4	66452.58	341833.9	320697.4
236.0565	19.22917	19.205	19.26167	7	4	3	139681.5	491640.7	582957.1
736.1779	29.111	29.08283	29.12433	3	3	0	97117.63	186620	92359.06
425.386	18.27483	18.24817	18.28683	7	3	4	51618.14	108089.7	123712.3
350.2072	9.094733	8.954783	9.155983	6	4	2	636441.3	1210980	1175437
591.2432	7.464333	7.425917	7.4933	5	2	3	907113.6	1281537	2707186
384.1842	18.128	18.06983	18.155	8	3	5	1402102	4777025	6956070
508.2378	20.44092	20.382	20.59983	8	3	5	144911.4	494454.5	605853.3
413.1611	20.64217	20.61367	20.7355	5	2	3	756064	3266243	4251202
477.2646	18.94583	18.92367	18.96767	4	1	3	41610.09	132752.4	124705.2
164.0788	28.83383	28.795	28.95133	5	2	3	195485.2	1756443	2064527
323.2416	28.14683	28.04433	28.1615	7	3	4	92254.56	380759.3	285890.6
342.2283	26.28333	26.20983	26.33733	7	3	4	75460.09	351732.5	353510.8
649.5019	41.19333	41.16333	41.23617	10	5	5	106503.2	599895.2	408291.8
439.3651	19.65667	19.6445	19.765	8	4	4	67950.51	236505.7	247976.4
502.1746	10.66322	10.56983	10.77118	9	4	5	2275975	7137997	14299373
203.0367	13.6964	13.47668	13.76748	7	2	4	230413.4	1342033	2462901
471.398	39.69917	39.6695	39.77033	9	5	4	19239.67	84565.49	42263.39
246.1704	14.56693	14.4543	14.6547	9	4	5	470646.9	3810229	4140131
429.2256	19.57458	19.55817	19.64167	10	5	5	1906408	8806565	8423197
221.5898	9.688608	9.65795	9.733967	4	1	3	1754514	1554549	2882650
509.3437	29.78533	29.757	29.88483	10	5	5	948163.9	5619438	4652460
240.1314	24.5795	24.5465	24.61617	5	2	3	36325.17	112138.9	126046.2
862.6115	25.166	25.1385	25.20667	6	2	4	151287.4	730946.8	966925.5
241.0763	21.6935	21.557	21.7275	7	2	5	94641.8	387155.8	268195.2
216.1405	9.534967	9.5169	9.537367	3	0	3	2883327	4260020	8472877

167.9938	19.23883	19.21983	19.27617	10	5	5	496691.5	2100129	2472329
415.2937	17.60425	17.58967	17.63133	10	5	5	2017676	9606954	11055840
458.2396	26.4475	26.4285	26.47767	7	4	3	143077.8	394315	556581.8
274.2746	20.41658	20.39167	20.55133	10	5	5	175051.3	645073.3	683106.7
391.1321	16.68233	16.63858	16.72017	8	3	5	237958.7	915429.6	1333006
382.3155	16.55955	16.5226	16.59778	7	3	4	35920.89	93819.99	105000.4
210.969	16.95033	16.93633	16.98333	4	1	3	65208.29	255550.5	366514.3
435.3449	34.183	34.15783	34.31533	7	3	4	55224.64	247830.9	117128.7
792.3673	28.596	28.56717	28.61483	8	3	5	79232.87	286546.6	274144.5
438.3223	13.4196	13.40133	13.43332	5	2	3	31746.06	138123.4	51434.24
595.3009	29.16633	29.11167	29.2115	6	2	4	371803.8	914813.5	1199830
223.0544	10.93657	10.73612	10.9966	7	4	3	667906.4	3124903	2985084
800.552	23.246	23.2155	23.255	6	2	4	596648.2	1334225	1823123
378.2492	31.06583	31.00267	31.10333	7	3	4	420173	2818173	1552608
504.3226	25.07083	25.05	25.12733	3	0	3	179266.8	643227.5	852492.6
313.1218	19.42592	19.414	19.46717	6	2	4	167467.8	654669.2	157318
725.3206	10.66402	10.6177	10.69325	3	0	3	530073.5	507408.5	557032.9
466.2651	43.60167	43.572	43.62017	5	2	3	170627.4	2976462	581837.9
243.2879	27.45608	27.38417	27.49267	6	2	4	36179.07	81161.4	94060.89
326.3252	23.27692	23.23917	23.282	6	3	3	45199.06	131549.2	132446.4
366.6596	9.548692	9.52075	9.6125	4	1	3	23149504	27229519	44919589
435.2958	27.94233	27.851	27.97	7	3	4	58595.73	239777	179893.4
333.264	32.23167	32.17767	32.28017	7	3	4	71287.32	285260.5	311904.4
300.09	22.12617	22.03667	22.15067	8	3	5	349195.1	1083491	1484546
310.985	22.97567	22.93017	23.03917	6	2	4	91332.25	250273.6	419851.6
454.3499	9.199792	8.881033	9.280533	8	5	3	1.28E+09	3.04E+09	2.25E+09
327.0786	27.2005	27.10133	27.23967	10	5	5	753902.5	2873033	2713005
443.3965	18.113	18.0645	18.155	10	5	5	302411.6	1201410	1164995
357.9572	17.97975	17.88483	18.02	6	3	3	194594.2	835861.8	1326540
457.1801	21.00583	20.96633	21.0485	7	2	5	742877.1	3950854	4958683
429.2734	9.837617	9.73415	9.869583	7	4	3	281466.4	577635	803402.3
233.0914	10.39378	10.36557	10.43838	5	4	1	272277.6	426668.7	317982.7
437.3125	32.60467	32.5415	32.627	3	0	3	34423.45	109929.3	33974.98
310.2384	31.8845	31.7965	31.92367	5	1	4	23773.01	70158.19	48044.21
251.2007	33.82917	33.74017	33.84733	5	2	3	185822.5	864167.7	771524.7
350.2907	32.21867	32.18017	32.26167	7	2	5	119055.5	536864	571686.5
295.1181	23.181	23.11333	23.20917	8	4	4	144248.7	495074.5	453678.7
388.9664	11.02951	10.8821	11.07922	4	1	3	258490.3	546554.7	1108238
289.1762	22.75367	22.70783	22.78383	10	5	5	14003690	62974427	73429740
285.1127	26.909	26.79317	26.95533	5	2	3	39884.76	137450.1	89533.08
314.6128	23.48767	23.4305	23.616	9	4	5	78853.48	439804.3	501599
451.2531	9.17875	8.931167	9.211383	4	3	1	7513665	10455192	14725515
294.8613	8.917533	8.7127	8.9755	9	5	4	2171645	4931440	3791151
434.2451	23.17633	23.10367	23.21	10	5	5	625640.4	2228119	2110720
397.9412	29.65167	29.57833	29.696	6	3	3	27673.25	107713.6	114187.4
213.0776	19.35658	19.32817	19.37867	10	5	5	340808.4	1631728	1626781
257.2227	19.78767	19.7165	19.86983	4	1	3	33936.05	66916.29	56469.31

719.5001	26.76533	26.74017	26.79583	5	2	3	46167.14	151422.5	195188.9
349.385	9.49235	9.473767	9.537367	3	0	3	3969847	4333029	8404042
213.1489	19.5725	19.5465	19.59933	7	3	4	210856.2	1535870	1215022
538.0673	19.689	19.66317	19.7255	7	3	4	163855.7	414584.9	726944
332.3164	28.52792	28.48633	28.55183	10	5	5	1965090	10741716	8579805
426.1371	20.54117	20.498	20.56783	5	2	3	99003.6	267571.9	356268.8
553.2271	21.737	21.60133	21.77533	9	5	4	174131.8	750888.7	777291.8
295.3816	28.15425	28.04433	28.176	6	3	3	36092.1	140823.1	167749.2
225.0914	20.58483	20.55583	20.6345	5	2	3	77366.67	501314.7	354504.4
494.3246	28.091	28.02533	28.1785	6	3	3	2731691	22443767	20290057
773.0701	32.12608	32.10267	32.1585	4	1	3	68672.94	80950.04	165647.5
641.4487	32.05867	32.05633	32.08817	5	2	3	111696.9	396742.8	478837
323.0946	21.39033	21.24767	21.41983	6	2	4	178567.5	682992	710879.7
349.2656	9.2132	9.116917	9.266783	9	5	4	17522582	26733916	21776263
571.4614	35.35267	35.326	35.37333	5	2	3	232833.2	3787435	5009970
191.0857	26.49617	26.40217	26.572	6	3	3	48482.36	195928.1	169389.2
426.3067	31.81642	31.7965	31.868	6	2	4	65117.68	219096	247462.7
369.2654	10.4282	10.37652	10.47077	6	2	3	992506.8	1478501	1765452
374.1744	9.451617	9.30105	9.506667	6	2	4	2657172	4386836	5654480
229.1994	27.29617	27.24267	27.34783	7	3	4	43216.88	134361.5	136946.3
417.3001	18.95333	18.92367	18.96783	5	3	2	95936.34	293409.4	376137.4
425.3386	28.77533	28.73167	28.82533	5	2	3	43435.73	114282	94915.01
600.441	28.81017	28.80467	28.823	5	2	3	51245.07	221690.7	259566.9
398.2915	11.47827	11.4274	11.48722	7	4	3	626993.5	2337613	2737359
168.9972	27.86817	27.76383	27.90983	5	2	3	55525.68	193276.3	205049
404.2995	22.47383	22.42483	22.4975	5	1	4	163225.8	401756.8	436821.8
631.134	18.12117	18.089	18.13517	4	1	3	67823.86	102403.6	211562.2
274.2019	9.763	9.726917	9.862433	6	5	1	228972.6	629967.8	1020184
496.3307	27.76083	27.72183	27.84883	5	3	2	276683.8	1351154	1154200
351.1093	16.6695	16.53923	16.715	10	4	5	189136.9	781570.6	1143286
342.2696	34.74933	34.708	34.78367	4	1	3	24801.52	79655.55	41864.96
547.3329	9.147883	9.004633	9.172217	3	3	0	524250.1	676214.6	474872.6
414.2857	21.68025	21.5865	21.72217	10	5	5	196328.7	682196.6	641361.2
327.3819	35.02058	34.98317	35.04317	10	5	5	237004.9	907817.3	564384.5
403.002	15.90558	15.85218	15.91817	5	3	2	54554.74	332515.2	408771.5
666.3134	25.68617	25.66133	25.69883	5	1	4	289682.7	375999.5	797582.2
376.3217	19.61792	19.599	19.69467	8	3	5	98054.26	477058.6	327144.6
196.097	31.31617	31.20183	31.35667	7	3	4	176360.3	734266.1	701792.8
1289.95	25.24192	25.2255	25.28967	4	1	3	106399.3	462990	828776.9
592.2093	10.40667	10.38048	10.46653	6	3	3	2491413	1114114	1757000
332.28	23.19325	23.1585	23.21067	8	3	5	193741.8	501081.3	549281.2
426.9756	22.08917	22.00883	22.15117	4	1	3	38631.33	114184.3	35248.79
318.2799	19.88917	19.8615	19.99017	8	3	5	1179300	3748784	5441891
455.1844	24.34267	24.267	24.35717	7	2	5	232200.4	919373.5	1049136
338.263	24.89183	24.853	24.903	5	2	3	60560.58	184476.1	232332.2
207.1382	29.56408	29.52033	29.58317	4	0	4	466951.2	1220083	2287444
853.6288	9.4622	9.3803	9.515	6	3	3	5203824	9348215	16784217

316.2489	17.7365	17.72083	17.76583	7	3	4	78378.6	335039.8	267771.4
234.0952	20.3595	20.33883	20.48633	9	4	5	107136.3	509041.3	513032.7
847.448	23.18042	23.09983	23.20917	8	4	4	540897.2	1164133	1586865
865.6533	36.51383	36.46917	36.53483	6	4	2	64730.25	190742.2	127758.2
600.2622	31.00867	30.918	31.10217	9	4	5	202660.7	668099.8	536235.4
306.0916	31.62325	31.5415	31.70567	8	3	5	119099.7	507231.7	573017.5
341.3168	31.0155	30.918	31.24883	10	4	4	1453923	26863618	17270573
292.6937	8.913142	8.747883	8.96825	4	3	1	259744.5	199911.1	154364.6
494.3249	26.66517	26.586	26.94067	12	5	5	2888034	20357629	21609996
293.1159	22.12717	22.05267	22.15067	9	4	5	996349.7	3833727	5288901
293.2605	28.42358	28.3985	28.45267	6	3	3	45727.73	151765.6	180276.1
675.4993	34.75883	34.73567	34.81033	6	2	4	67129.34	215436.7	298197.7
286.1889	22.06808	22.005	22.1075	6	3	3	99060.07	236947.2	252251.8
307.2486	22.21625	22.1325	22.24883	6	2	4	71771.3	180163.6	195746
410.0564	19.3495	19.29933	19.37867	5	2	3	93726.26	229838.1	331402
465.5129	39.69017	39.66883	39.74733	8	5	3	19981.93	79447.77	48594.65
327.0899	16.67767	16.62683	16.72017	8	3	5	259500.4	1106267	1458252
672.2453	22.61567	22.57133	22.65083	10	5	5	769332.8	3520324	3916220
351.7535	9.489217	9.365883	9.584433	8	5	3	72318248	2.06E+08	3.73E+08
442.3649	28.76083	28.73767	28.79017	7	3	4	85380.59	266243.5	319002.8
383.2261	33.42067	33.4195	33.42333	3	0	3	34631.99	108413.4	63495.2
455.1848	20.65483	20.5745	20.7355	9	4	5	2847205	14159583	17794770
594.1616	27.652	27.588	27.66333	7	3	4	119819.6	597061.8	535197.5
587.421	26.68133	26.655	26.723	7	3	4	76066.31	251909	320382.7
313.1801	25.533	25.48517	25.54083	4	4	0	258407	801266.3	1038395
661.2542	22.12717	22.03667	22.136	5	2	3	235495.7	455410.4	620166.5
456.1481	26.65383	26.6355	26.67933	5	2	3	59472.05	141984.2	190710.7
372.2157	9.537367	9.473767	9.6125	9	5	4	11146540	30803139	19333588
471.3322	30.00108	29.96617	30.01717	10	5	5	192368.8	1991774	394743.2
496.1384	10.66397	10.56983	10.77118	5	3	2	946315.3	1607702	2939793
370.7179	9.525933	9.394733	9.55075	4	1	3	2628015	3835861	5449763
362.2259	31.08092	30.9885	31.11333	8	4	4	143339.2	848812.8	582323.8
399.3097	27.22383	27.208	27.24383	5	3	2	50720.82	180363.8	130629.5
313.3216	23.49492	23.42917	23.58517	10	5	5	47911996	3.19E+08	3.3E+08
301.1414	30.84833	30.73283	30.90333	10	5	5	4707116	39105504	25548945
420.2021	23.5155	23.4585	23.56133	7	3	4	110630.9	469587.7	398680.3
660.2322	41.20783	41.1635	41.23617	7	3	4	43182.72	173008.2	149329.6
239.0625	22.10083	22.09783	22.12267	3	3	0	69841.78	501437.8	253281
591.7969	10.67828	10.599	10.77118	7	3	4	11119885	21272560	43925956
359.2549	16.00662	15.9803	16.01928	4	1	3	87729.42	226612.3	309390.9
285.0912	18.1315	18.08433	18.1595	10	5	5	987920.8	5079481	6167334
688.3396	20.65617	20.628	20.7015	5	2	3	325399.4	940542.7	1291015
494.4057	25.31533	25.26333	25.372	7	3	4	141751.3	402433.5	539060
270.7283	9.748592	9.7252	9.7788	6	3	3	344237.6	518965.2	915008.4
753.6272	34.83525	34.81217	34.88117	6	4	2	145585.6	551866	338269.4
464.0459	22.82667	22.76417	23.02483	7	3	4	94541.39	208285.6	296242.1
325.2492	11.65528	11.62662	11.80495	7	2	5	3094807	6824339	10801086

321.0264	17.14042	17.06583	17.19917	6	2	4	195386.9	1034584	659286.4
634.9974	20.99217	20.89033	21.0485	5	2	3	224553.8	1325171	1827952
334.0745	19.69017	19.65883	19.7825	7	2	5	244161.9	636440.6	1183830
789.614	44.94333	44.91	44.975	10	5	5	485459	3211176	1483796
442.1317	21.7175	21.57183	21.74217	6	2	4	123767.5	357468.7	486196.9
444.086	18.10342	18.07617	18.155	4	1	3	190767	517399.2	839405.5
846.6176	42.2	42.1605	42.262	3	0	3	19860.93	100354.5	53606.4
720.4154	20.45075	20.411	20.588	6	2	4	206572	570049.3	734425.6
537.0707	19.70183	19.67567	19.7185	5	1	4	351008.4	750139.6	1564828
293.2883	34.71333	34.67483	34.71883	8	4	4	251222.9	1044727	1252957
395.1159	19.68733	19.6445	19.7335	5	2	3	129223.3	289071.6	521500
434.2564	11.4726	11.36578	11.67042	7	3	4	954490.9	2599591	4836185
247.2272	28.21783	28.1925	28.23483	10	5	5	6497417	40482637	41533808
491.3275	26.25567	26.23333	26.31183	5	2	3	55074.9	188622.6	168589.5
210.1572	18.45825	18.40333	18.51233	6	3	3	28783.88	83139.35	81388.47
516.0543	20.6415	20.61367	20.74433	5	2	3	77777.45	263160.4	359593.6
320.0416	19.625	19.5915	19.65933	10	5	5	248484.1	1137449	1248741
289.2016	16.78417	16.75333	16.793	8	4	4	75879.68	353602.8	292063
223.112	23.92567	23.86867	23.959	5	2	3	330121.7	1072125	1085233
553.1478	10.67828	10.62147	10.7363	5	3	2	238049.3	505915.9	525856.8
542.325	26.86817	26.81367	26.919	10	5	5	4963915	23222469	21363470
347.2568	21.444	21.32883	21.46	5	2	3	294095.6	1472004	1484295
312.2981	36.61967	36.60717	36.6405	7	3	4	289412	1884226	1636556
398.3633	24.1655	24.0315	24.17967	5	2	3	47459.29	204140.9	250306.4
302.1448	30.84833	30.73283	30.88867	10	5	5	829445.8	5276709	4185208
401.4561	10.42883	10.36557	10.49363	4	1	3	1899392	2447822	2406952
385.2001	10.67342	10.63755	10.77118	8	4	4	8787765	32292913	39252398
365.346	40.76017	40.75133	40.82583	5	2	3	19808.28	89020.37	21397.81
344.3358	22.3995	22.34333	22.42333	9	4	5	216735	838503.6	916660.4
382.3152	22.905	22.88667	22.9175	6	2	4	44812.31	135183.9	140109.7
609.4001	11.02217	10.95727	11.1665	9	4	5	3005239	10530763	12956618
434.2747	44.97467	44.94467	44.97533	3	3	0	44357.95	261239.6	69124.15
400.2854	22.01283	21.94167	22.0505	7	3	4	104113.2	321209.5	346767.9
461.2115	23.86858	23.84333	23.9	6	2	4	54643.54	173971.6	215017.9
444.4002	18.113	18.08433	18.158	5	3	2	84076.21	199908.2	190701.9
436.9968	23.00492	22.97417	23.01883	6	2	4	127579.3	402005.3	547994.4
273.1852	28.74617	28.65783	28.76483	5	3	2	175936.8	846582.9	810582.8
314.151	32.75808	32.693	32.838	4	1	3	61248.15	142850.9	231063.8
256.0643	19.3515	19.32383	19.37867	10	5	5	2481397	14589026	14199656
422.3483	21.6545	21.44083	21.87883	9	2	4	47052.32	133046.2	114714.9
459.2157	23.86133	23.79267	23.89933	7	3	4	150991.5	694745	706876
572.2648	29.159	29.09717	29.24117	6	2	4	61251.3	347317	169478.4
277.144	19.51625	19.341	19.57117	10	5	5	1222971	6383579	5401349
300.199	8.906483	8.677417	8.9755	8	5	3	2397293	7769343	6283069
262.246	31.52775	31.49917	31.57083	8	4	4	114555.8	543541.8	458554.2
603.1108	20.65667	20.599	20.7015	5	2	3	115800.9	351232.7	487015.2
542.0103	19.34717	19.33867	19.3495	4	1	3	66193.65	126716.6	171832.1

171.1381	39.744	39.64917	39.79133	6	3	3	132539.9	1505683	333786.2
468.3091	26.21758	26.15833	26.30383	10	5	5	6433913	32479324	28919842
399.333	8.905742	8.6058	9.0047	8	3	4	903814.4	937398.9	1214348
444.184	27.01333	26.97483	27.03167	5	2	3	32117.65	117072.4	108053.4
431.0129	22.14592	22.05267	22.15117	6	2	4	408974.5	1137942	1715102
381.3117	16.57595	16.55567	16.59778	10	5	5	166617.3	785163.5	735693.9
486.1091	18.12083	18.01233	18.158	8	3	5	432237.7	1164044	1927849
268.0998	23.06083	22.99133	23.07517	4	1	3	615110.1	4013520	6651770
502.3147	20.11383	20.10683	20.1235	5	1	4	80242.95	252729.4	431619.2
381.3115	22.90833	22.88367	22.92417	10	5	5	245666.2	879552.5	904760.5
635.4006	10.00425	9.93755	10.04445	7	4	3	17798376	20994941	30191011
540.3872	43.8635	43.8495	43.879	9	5	4	75725.73	615845	117770.7
848.4514	23.19442	23.16617	23.21	6	2	4	135687	295845.3	387283.5
580.4005	29.89275	29.88567	29.89933	4	1	3	26619.44	74946.02	81419.31
300.0728	22.6605	22.60367	22.68083	10	5	5	943101.4	5233490	5354289
673.2487	22.60833	22.56283	22.65083	10	5	5	293823.8	1269529	1423922
548.4075	33.13417	33.099	33.1875	5	0	5	541244.8	1824467	1611778
476.3292	7.457217	7.3532	7.670483	6	2	3	4.87E+08	1.87E+09	3.43E+09
214.07	19.3495	19.32383	19.37217	9	4	5	118702	514347.3	465661.3
435.0012	23.00017	22.943	23.01883	8	3	5	296677.8	1186313	1562424
238.1885	31.716	31.55617	31.76383	5	2	3	54361.02	162119.1	154334.3
412.068	20.0025	19.96167	20.10783	7	3	4	89582.88	423089.6	466055.2
314.325	23.49492	23.42917	23.6005	10	5	5	10199564	67036270	69738398
519.0591	22.75517	22.70417	22.79867	6	2	4	78274.6	292252.8	249025.9
319.1872	22.16775	22.05267	22.19417	10	5	5	649244.3	2573366	2952656
362.987	8.9449	8.765467	8.99255	5	4	1	532300.1	547185.8	279174.5
306.3069	27.94167	27.88167	28.05717	9	4	5	117494.8	498138.6	482547.1
652.8622	23.00258	22.9495	23.01883	6	1	5	106692.6	244557.7	433578.2
504.3092	29.98758	29.97433	30.059	6	3	3	56582.21	234736.6	214891.4
535.0055	30.76225	30.48833	30.84967	6	2	4	141624.9	336218.3	646427.4
494.277	24.269	24.23967	24.269	3	0	3	60839.38	319740.4	97292.08
337.2322	9.193308	9.101033	9.280533	8	5	3	2107322	5237410	4089096
238.1887	25.1385	25.08833	25.1525	5	3	2	103363.6	234998.4	226639.1
673.2489	25.71983	25.68983	25.73833	8	4	4	170258.1	791082.7	921249.5
658.511	35.1325	35.116	35.20567	7	3	4	949065.8	18640121	26890681
407.1059	12.95803	12.87568	13.05475	5	1	4	71097.53	167086.3	331314.1
388.1418	19.69725	19.66317	19.8175	8	3	5	337575.4	930288.7	1639762
771.3838	41.20783	41.16333	41.25083	9	4	5	75525.92	347656.2	266800.2
697.2031	9.500283	9.473767	9.645817	5	3	2	2704279	8807498	12135073
360.9551	21.72217	21.68167	21.7275	3	0	3	60177.27	220599.1	300953.5
290.2773	37.82467	37.782	37.8885	6	2	4	80746.22	349400.5	403416.7
505.2449	20.42608	20.3965	20.588	8	3	5	623569.9	2150440	2800453
660.1315	18.11058	18.07617	18.155	4	1	3	177212.6	446334.7	758536.3
397.0952	22.74708	22.71633	22.78383	6	4	2	941396.6	990840.7	1052987
278.1472	19.43825	19.29417	19.5465	8	4	3	163922.2	659966.7	716216.7
631.4472	26.71033	26.699	26.73967	7	3	4	79121.46	272371.4	340889
275.2584	34.71467	34.679	34.72933	10	5	5	2621771	14672394	15493982

818.5857	24.46392	24.44267	24.52033	4	1	3	155524.1	574310.1	763447.4
1154.526	30.14875	30.07333	30.17	8	4	4	87361.29	365701.7	371036
212.0743	19.3515	19.32383	19.37867	10	5	5	3252822	19832504	18871509
476.1583	14.55192	14.5226	14.60108	4	1	3	41125.54	170308.8	175810.6
774.2019	30.27883	30.24433	30.30783	4	1	3	49571.88	85939.05	136551.8
312.2539	29.64233	29.6075	29.65167	7	3	4	190659.4	1093000	855302.1
815.5266	29.63683	29.57833	29.66617	6	3	3	651678.6	1187727	1669456
224.1729	21.38017	21.261	21.40517	9	4	5	143005	675146.9	692966.6
595.8019	29.14033	29.11167	29.22633	5	2	3	234906	595114.9	793097.1
527.1357	18.11767	18.09117	18.1585	7	3	4	206768.3	734872.4	1102135
472.1171	22.136	22.05267	22.14983	5	1	4	260151.1	585589	940564
383.1673	29.15192	29.11083	29.19683	4	1	3	52509.37	119342.1	60641.99
314.9801	22.99025	22.928	23.01883	8	3	5	275470.9	1015060	1363093
365.9622	11.01367	10.81963	11.09677	6	2	3	102749.5	283771.8	356963.2
228.2042	21.578	21.45517	21.60283	10	5	5	352764.4	2016367	2010487
267.2108	38.86808	38.8515	38.89767	4	0	4	65443.26	258707.4	27124.41
389.0327	16.96167	16.9075	16.99883	7	2	5	135222.3	470369.1	866873.2
477.3459	33.7825	33.75883	33.86767	6	2	4	182041.3	739958.1	954783.1
427.306	29.96917	29.9205	30.00317	10	5	5	140626.1	1484698	340485.7
329.3038	26.609	26.54567	26.65017	5	2	3	72597.18	384313.7	489051.4
494.3245	28.8315	28.8055	28.894	7	4	3	1788361	4160006	4366602
326.3251	37.41183	37.40483	37.52267	4	3	1	18364.57	82043.24	54473.25
531.1287	10.6789	10.58428	10.77893	7	3	4	2355303	3722562	6680533
175.112	28.13233	28.02967	28.176	5	2	3	109639	531761.1	481763.5
437.1939	21.48058	21.39833	21.52033	10	5	5	383038	1158981	829122.4
814.5234	29.637	29.57833	29.6665	9	5	4	1722573	3218821	4474276
418.2553	8.891942	8.695117	8.9437	4	3	1	110053.1	142271.3	79704.91
355.2249	28.717	28.65783	28.753	10	5	5	295337.3	1198109	1204315
162.0842	32.51217	32.3575	32.52517	5	2	3	50638.66	180667.8	220029.2
372.717	9.54735	9.47815	9.596683	6	4	2	4903386	14692007	6392173
691.2212	30.41325	30.34733	30.47117	4	1	3	136557.6	208528.3	441283.3
729.5266	10.2045	10.1582	10.2073	3	0	3	263643.3	178955.1	289727.2
386.3421	24.03942	24.0235	24.04767	4	1	3	244920	1171678	1257541
337.2872	28.61467	28.568	28.62833	6	2	4	51730.01	145760.1	179685.2
879.6113	33.92275	33.90517	33.94467	4	1	3	61123.4	204134.9	179441.7
526.4318	35.434	35.42017	35.48767	7	3	4	786438.1	13596564	20921557
453.169	26.65392	26.586	26.68133	8	3	5	195107	764466.8	920713.1
436.1426	19.70283	19.69017	19.71067	4	1	3	67511.51	151420.3	292640.1
557.0903	20.65483	20.59733	20.716	3	0	3	88611.9	244113.2	347909
414.3698	22.71633	22.65483	22.73267	5	2	3	47827.87	70519.71	78293.39
321.1669	30.54367	30.4615	30.59067	7	3	4	103866.6	414243.1	410260.8
450.3224	20.42042	20.3615	20.588	10	5	5	2889636	13262801	12616871
377.2294	41.00267	40.96717	41.08867	7	3	4	33031.71	276516	117817.3
270.1493	24.59133	24.56467	24.653	7	3	4	113608.2	392569.6	451038.7
351.2519	9.500283	9.473767	9.584433	7	4	3	1.84E+08	5.63E+08	8.96E+08
328.3214	36.61133	36.60133	36.65217	7	3	4	180962.8	1391977	1303405
639.2731	32.12933	32.10267	32.16167	5	3	2	128785	466419.4	507837.2

397.2013	23.18217	23.10367	23.1955	10	5	5	158179.2	678607.7	576918
327.1962	32.07183	31.95683	32.08817	5	3	2	46778.05	212290.4	111198.3
478.0234	22.98758	22.928	23.01883	8	3	5	277431.6	1055838	1405359
458.348	24.12925	24.021	24.19517	10	5	5	186510.1	715804	764433.4
209.1538	26.338	26.24733	26.38283	7	3	4	422946.9	2249827	2221324
204.1103	28.14717	28.05933	28.1765	9	4	5	183567.2	936082.4	840222.7
364.2042	10.76447	10.64867	10.85075	5	1	3	21104736	25252401	40028454
344.28	23.23867	23.21	23.322	9	4	5	90900.73	338987.5	361148.2
390.1371	19.68942	19.67333	19.7825	10	5	5	6315277	19578124	33532229
456.1881	20.64217	20.605	20.7355	9	4	5	672581.6	2764066	3468949
461.3743	27.736	27.7015	27.80367	5	2	3	297166.5	1881188	2005586
611.4375	34.98383	34.93717	35.00867	7	3	4	115215.1	501164.1	634876.6
316.2568	39.577	39.52983	39.606	6	2	4	141550.6	596962	701304.7
512.1405	22.1215	22.05267	22.14983	8	3	5	8707132	24913941	39531576
309.1267	22.26717	22.21317	22.28967	7	2	5	1412846	9440167	12390226
491.1501	27.46833	27.43983	27.7505	6	3	2	53902.54	278878.9	249494.1
258.2067	19.666	19.64317	19.73	3	0	3	27625.64	74107.75	61386.03
515.3343	29.80792	29.78483	29.81883	6	3	3	48177.34	188828.3	186418.4
498.0155	19.03583	18.76583	19.08533	4	1	3	37072.13	72145.9	99328.1
307.2062	22.74267	22.71833	22.78383	7	3	4	116730.8	323377.5	422954.1
836.5731	11.48722	11.38147	11.55502	5	2	3	176510.1	630328.7	844480.2
679.5629	31.53483	31.45917	31.62867	6	4	2	87276.31	249219.3	281879.9
283.1755	28.7755	28.7625	28.78033	5	2	3	185041.7	1408418	736963.4
287.278	25.02592	24.9975	25.053	10	5	5	944633.7	3271542	3849834
508.2551	23.195	23.16267	23.26733	6	3	3	60239.63	229524.7	153973
568.4127	31.28733	31.1835	31.33367	4	3	1	65014.69	290489	166040
336.1261	24.34375	24.25583	24.359	8	3	5	326156.3	1086469	1450089
399.1784	38.86817	38.83883	38.86817	3	0	3	49505.11	214480.5	93071.86
499.277	26.44483	26.41383	26.47767	7	4	3	237048.9	624739.5	778612.7
525.2977	30.979	30.92183	31.07383	5	2	3	79838.77	187769.6	221175.4
241.0499	26.903	26.86317	26.95817	6	2	4	330560.6	1447707	1731143
534.0648	20.96633	20.91867	20.99367	5	1	4	97036.09	440166.4	624454.4
359.1158	21.76617	21.7285	21.83617	7	2	5	96024.07	303006.5	403111.7
472.3486	22.67567	22.62467	22.71033	7	2	5	143422.4	542698.8	516762
457.1802	20.64217	20.61367	20.7355	9	4	5	1033850	4810366	6158990
434.7579	11.48722	11.4717	11.64007	5	1	4	494042.9	1312288	2283837
380.28	24.13	24.066	24.15	6	2	4	128586.5	424578.6	492784.6
315.1456	22.15025	22.11583	22.15117	4	1	3	69843.25	144439.1	178370.6
196.1416	19.538	19.51717	19.57117	6	2	4	30927.1	113630.9	95714.22
341.7515	9.483542	9.444983	9.537367	4	1	3	4249719	7795398	4521852
416.297	17.5955	17.58967	17.60533	7	3	4	403268.5	1795468	2048406
471.3799	25.55567	25.48867	25.86233	11	5	5	839826.7	4466227	4791628
463.3263	10.04878	9.972517	10.0679	5	3	2	1005216	1363332	2411904
317.1418	18.1035	18.04133	18.1725	7	3	4	66873.36	305177	394682.9
535.2812	7.4501	7.40945	7.465517	5	2	3	2643505	3899796	8237785
517.354	29.6365	29.61417	29.66617	7	4	3	60026.16	431846.6	92163.59
533.284	7.4501	7.40945	7.465517	5	2	3	8617697	15108892	30219648

478.3535	22.49367	22.45467	22.52717	7	3	4	164791.2	484710	570931
295.1909	22.42883	22.35967	22.45317	7	3	4	219377.7	1318130	1037843
666.5103	37.41183	37.38067	37.6065	8	4	4	110367.6	561863.3	552493
591.0502	22.1355	22.03667	22.142	7	2	5	220301	878885.8	1220151
572.3029	29.199	29.12383	29.2705	7	3	4	335712.7	1118679	1210395
448.3202	20.51067	20.4835	20.62317	5	2	3	80674.7	241544.3	142772.5
395.2987	27.74833	27.74317	27.76167	4	3	1	42773.25	144909.3	162880.3
367.739	9.56285	9.537367	9.603217	3	0	3	3.26E+08	2.65E+08	3.66E+08
705.828	9.50155	9.435533	9.577667	6	3	3	2484169	7736899	11477726
577.4222	10.11443	9.759183	10.1429	9	5	4	2147942	2281326	3508391
495.328	27.76292	27.724	27.84883	6	2	4	2352822	13684860	12048562
356.1895	43.59542	43.57267	43.63067	8	3	5	123845.2	892361.1	870064
472.3178	9.20005	9.101033	9.266617	7	5	2	11939454	18369193	20871541
454.3291	10.03412	9.957467	10.05612	5	3	2	11083470	32737671	54024820
417.1975	7.421633	7.37795	7.4376	5	2	3	563456.1	778024.5	1535449
393.1007	22.77475	22.70417	22.8605	6	2	3	54989.7	128512.6	174879.7
395.2992	21.3145	21.22133	21.3215	3	0	3	53961.75	117051.4	105131.1
317.2339	22.965	22.8985	22.996	7	4	3	108431.8	515966.5	523163.7
548.2713	21.12033	21.03467	21.15517	9	4	5	149374.6	607279.1	583975.2
451.1127	9.214225	9.101033	9.429067	10	5	4	7147561	17505934	12128718
521.3676	40.43133	40.40733	40.50383	9	4	5	59370.4	283790.9	212131.6
692.225	30.41067	30.3515	30.48567	4	1	3	64296.53	73832.05	157696.6
314.2482	29.28517	29.23333	29.30117	7	3	4	71870.16	263694.3	284847.4
241.0499	22.48317	22.441	22.53283	7	3	4	1347969	6586305	6893876
496.396	30.9645	30.81667	31.26483	5	3	1	688093.3	1416400	1643893
575.4213	32.17525	32.1315	32.2465	4	3	1	69158.16	148527.1	109638
532.3407	29.712	29.70933	29.8265	9	5	4	155768.3	735262.5	683125.7
325.3217	23.28875	23.244	23.353	10	5	5	251510.9	965251.1	1028240
363.3089	10.68325	10.63755	10.7931	6	3	3	358762.8	703672.2	603835.1
300.2902	27.639	27.59983	27.66717	9	4	5	141760	679374.8	565283.4
433.3817	24.61117	24.56467	24.66767	6	3	3	63534.15	237196.4	289775.3
793.2712	25.728	25.69217	25.76267	6	3	3	78277.2	278007.7	347762.8
277.2378	25.21225	25.1645	25.25183	8	4	4	212311.2	752653	906717.4
252.0892	22.12592	22.05267	22.14983	8	3	5	999607.2	3521880	4923046
237.0598	27.8825	27.79317	27.93117	6	3	3	61916.76	284748.2	187363.8
472.3832	25.53583	25.474	25.5705	9	4	5	201568.7	977469.4	1087521
458.3384	12.84528	12.81465	12.90078	4	3	1	102031.1	176932.1	305417.1
864.9959	22.99025	22.97417	23.01033	6	2	4	209260.8	494444	697258.5
470.4482	39.69758	39.6695	39.922	10	5	5	208358.2	1503997	697131.6
398.0585	25.68417	25.63817	25.70383	7	3	4	86478.15	269275	365691.5
290.1796	22.75367	22.70783	22.78383	10	5	5	1959888	8444845	10252625
492.3457	21.32033	21.24767	21.33217	5	3	2	76618.48	290320.4	189828.5
656.4675	34.7595	34.73667	34.7925	4	1	3	41391.16	109916.3	157020.6
179.0641	9.282383	9.148317	9.335967	6	3	3	641329.7	2755043	2936740
431.2676	18.94583	18.92483	18.98233	8	3	5	125848.3	483554.2	510015.7
175.0756	27.1315	27.028	27.1935	6	3	3	49643.83	230744.4	189793.9
399.2235	29.60292	29.52117	29.637	4	1	3	45457100	23010103	39325256

397.0337	16.91617	16.84967	16.957	4	1	3	45516.04	132930	155917.9
332.2312	23.78217	23.72133	23.8255	3	0	3	42148.86	156708.3	40116.53
459.3517	24.16483	23.99933	24.19517	7	3	4	43886.38	119836.4	156087
223.1697	21.39475	21.261	21.42917	10	5	5	1356733	7219573	7249452
886.6038	29.7195	29.66617	29.7425	7	3	4	32239.49	171991.4	25195.99
588.9127	10.11891	10.0301	10.12872	4	3	1	334687.6	282505.4	463337.3
310.2019	24.416	24.3855	24.47583	7	3	4	92542.58	342824.2	372812
240.2688	32.77633	32.741	32.835	10	5	5	335598.4	1807282	1102072
362.2696	20.84608	20.83167	20.86083	6	2	4	63894.44	165346.4	185648.6
553.2269	23.52967	23.4585	23.53733	7	3	4	138542.9	527630	607370.7
553.2268	24.1465	24.09433	24.17983	9	4	5	186497.1	1000764	1123081
322.2384	19.4025	19.38317	19.46583	10	5	5	115698.9	411435.2	395935.3
430.2288	19.57992	19.55283	19.65933	10	5	5	335684.8	1310084	1241026
179.0172	6.800333	6.778533	6.933267	4	3	1	12985670	1.15E+08	1.4E+08
401.9943	18.1585	17.998	18.1995	7	3	3	173907.5	609117.3	588641.4
526.1505	26.90408	26.85967	26.94067	10	5	5	2193454	10822363	12443171
349.3299	24.06875	24.00183	24.07917	6	2	4	101578.9	354739.4	483557.4
431.0798	16.957	16.893	16.97683	5	1	4	41084.28	108509.9	162172.8
706.2347	32.1315	32.08683	32.20817	5	2	3	120103.4	389357.2	345661.1
280.249	21.799	21.66133	21.83617	7	3	4	74642.79	240675.5	206804
257.0675	19.35425	19.32383	19.37867	10	5	5	271728.6	1276488	1258848
387.093	16.6775	16.64683	16.6995	5	2	3	301370.6	679182.4	994767.2
215.1837	23.29608	23.25383	23.353	10	5	5	436781.3	1882791	2005681
254.1835	23.04808	22.98833	23.06417	6	3	3	57202.85	175218.5	177662.9
597.8179	30.27992	30.24433	30.34733	6	2	4	130781	356107.2	483871
645.4324	10.04113	10.02042	10.05612	4	1	3	239476.8	314748	482582.7
290.5908	8.923	8.747883	8.96155	5	3	2	183933.1	297507.5	242264.5
296.1972	28.483	28.40317	28.51283	7	3	4	105260.7	489596.4	540252.2
267.28	25.68383	25.66133	25.70383	7	3	4	139786.8	528183.6	635183.7
467.3672	29.52017	29.448	29.57683	7	3	4	49838.95	183117.7	233397.9
791.4356	9.551242	9.529583	9.584433	4	3	1	1530513	1478081	1434611
524.8025	30.98067	30.93483	31.07383	6	3	3	139860.2	329234.4	316318.6
228.2041	32.24267	32.20817	32.2625	6	2	4	126049.3	708329.8	637071.3
331.2487	16.72167	16.67383	16.76283	7	3	4	61243.37	236802.9	193160.1
324.6207	8.7798	8.551733	8.8441	3	3	0	197704.3	169107.1	141514
357.9896	19.34175	19.31383	19.364	6	2	4	139429.1	393874	518166.7
604.1665	21.1795	21.14133	21.264	6	2	4	71309.13	203050.4	282063
551.172	22.13133	22.05267	22.1365	6	2	4	394449.4	819561.7	1274682
973.6528	29.6515	29.59383	29.68933	5	3	2	28671.09	122348.6	47379.02
228.2323	34.18108	34.1575	34.2425	8	4	4	117704.2	570741.2	565750.1
787.2619	20.64217	20.628	20.7265	5	2	3	492369.1	1478795	2063268
583.1725	19.7095	19.69567	19.765	7	3	4	58368.93	202821.5	228037.6
168.1021	31.30117	31.19267	31.38067	7	3	4	113392.1	362146.9	344939
414.692	32.11583	32.10233	32.14683	4	1	3	67364.81	108486.3	239779.4
498.3653	7.076433	6.9957	7.125333	5	2	3	297443.1	483840.9	878685.2
343.1545	28.83383	28.67283	28.971	11	5	5	1776635	13380195	23059957
616.428	18.36533	18.35983	18.426	3	0	3	37300.55	180379.9	157916.7

552.2234	24.13517	24.0865	24.18033	9	5	4	685202.4	3714184	4183291
286.2381	32.549	32.4915	32.5835	5	1	4	80374.79	326265.8	320002
364.3144	39.57583	39.5005	39.68383	7	4	3	357972.1	1958574	2060417
511.1783	30.75492	30.474	30.82067	4	1	3	95487.27	164120.2	320062.7
220.1664	28.16133	28.05933	28.1765	7	3	4	27994.16	139237.5	136495.2
462.2839	22.90067	22.84617	22.93817	7	3	4	82924.54	254068	193658.6
484.3947	20.49792	20.45233	20.64567	8	4	4	139771.9	441354.1	494839.9
751.621	34.8445	34.80733	34.9815	10	5	5	1455382	5920054	3045537
675.4742	26.72883	26.69733	26.76667	7	3	4	66151.69	229084.2	292599.5
229.0731	22.14983	22.1015	22.15117	5	2	3	48231.34	172607.3	83145.31
1168.542	33.17183	33.1275	33.2075	5	2	3	71157.07	187019.5	255222
469.3125	26.21758	26.15833	26.30383	10	5	5	1591844	7366562	6760590
321.2063	37.99158	37.97833	38.00883	4	1	3	42447.27	276253.1	178570.5
406.1292	22.4995	22.45467	22.542	10	5	5	3962357	20135234	20817761
605.241	9.206417	9.132617	9.2529	5	3	2	1014561	2743052	4457062
263.2221	21.7825	21.69167	21.83617	8	4	4	146654.4	560076.4	611174.5
461.3745	26.59933	26.52633	26.63983	9	4	5	521808.4	2184194	2289889
272.095	22.119	22.03667	22.15067	8	3	5	525666	1901761	2610966
651.4469	20.65667	20.61367	20.7355	5	2	3	395011.1	1346862	1651545
391.952	12.51222	12.46632	12.52932	4	1	3	414228.2	908971.2	1913192
397.2592	21.67117	21.60133	21.72217	9	4	5	95846.3	179070.4	195718.3
583.2225	18.128	18.07617	18.1585	8	3	5	1033731	2503586	4367498
452.1076	9.236417	9.101033	9.266617	7	4	3	1663476	4100470	2462610
616.4551	10.34642	10.3327	10.3654	4	1	3	377851.2	409869.3	504509.9
392.1609	25.75517	25.733	25.77333	5	0	5	150597.5	810137.5	210194.3
592.0534	22.1215	22.1075	22.15117	3	0	3	52815.23	89962.8	117566.4
299.1185	15.89388	15.85123	15.9636	8	4	4	199581	778888.2	1036554
681.4338	21.737	21.686	21.8075	7	4	3	42461.48	116825.4	125065.8
444.3092	29.637	29.57833	29.69667	9	5	4	213650.5	1011768	814999.8
464.1327	10.68362	10.59208	10.78962	3	0	3	2453186	5833925	10003277
207.1237	9.5169	9.488017	9.537367	5	2	3	2416773	4445183	6846991
325.2783	18.31233	18.292	18.33067	3	0	3	42331.47	117016.2	172173.5
438.1978	21.47717	21.38433	21.50817	5	2	3	77298.4	237886.7	157202.4
272.1612	32.46817	32.39533	32.52517	5	2	3	23771.22	89481.05	75585.52
227.0734	25.66967	25.64333	25.689	6	2	4	129420.7	484475.4	396472.7
528.3756	25.24183	25.1465	25.30433	5	2	3	119778.5	323180.7	515249.4
477.0313	22.99133	22.88367	23.01033	7	3	4	175200.5	606285.9	792537.9
283.009	12.6259	12.51447	12.85362	7	1	5	445171.3	2022971	3691736
554.0773	26.63733	26.63517	26.65383	4	1	3	32781.55	65447.07	91019.67
213.1853	18.91675	18.8495	18.98233	8	4	4	187586	1820760	1644290
623.2252	31.02317	30.95017	31.07383	5	1	4	255268.5	649333.8	859614.3
417.2185	23.16917	23.10367	23.21	10	5	5	388059.9	1540795	1326278
224.2131	10.83302	10.77882	10.97298	7	2	5	263861.1	718810.6	974954.8
335.1819	21.48092	21.4455	21.52033	6	3	3	108122.7	482819.1	461870.3
315.2535	39.59017	39.5005	39.62267	9	5	4	874805.3	3976185	4822869
582.2192	18.12092	18.06983	18.14367	8	3	5	4036978	10276316	17545247
542.2895	18.77042	18.74483	18.80483	4	1	3	43668.89	72959.03	50234.29

305.2885	23.6495	23.5775	23.69233	10	5	5	1526990	6071240	6647994
353.3418	43.64483	43.53283	43.68883	7	3	4	101517.4	1638785	767714.2
510.1452	22.12717	22.05267	22.14983	7	2	5	950414.5	2587745	4202988
230.8898	2.065733	2.0466	2.218533	7	4	3	148425.3	962137.3	763057.7
341.8316	9.51595	9.49235	9.537367	4	1	3	6336970	10793026	14533528
391.1415	19.6915	19.67333	20.01633	11	4	5	1277008	3629767	6611899
304.2851	23.6495	23.57567	23.69233	10	5	5	8366869	37867098	40583237
415.212	22.74667	22.71733	22.77767	9	4	5	2111672	13005093	11374569
259.1655	27.17558	27.11533	27.24383	8	3	5	51131.91	206681.6	144973.5
644.2632	32.09358	32.05683	32.2235	8	4	4	217700.3	1000460	916384.7
273.243	28.77533	28.69767	28.809	7	3	4	112262.9	527329.6	514665.2
281.2955	30.37742	30.33717	30.42017	10	5	5	58252.41	235430.6	110725
348.2151	14.80297	14.77097	14.8097	5	2	3	79917.57	303427.7	266713.2
724.3408	21.69042	21.57183	21.72567	10	5	5	225489.7	617107.2	594068.8
294.2643	25.21217	25.1645	25.23667	7	3	4	132632.5	378774.3	531635.4
542.325	26.22667	26.202	26.28967	7	4	3	911603.4	4011445	3755970
331.157	34.7115	34.693	34.74833	4	1	3	48122.17	180395.4	169429.4
469.1999	26.98317	26.95617	27.01333	6	2	4	56083.12	170611.7	189621.5
309.0982	19.55075	19.515	19.58533	6	2	4	92440.17	339081.7	404399
292.1809	14.0205	13.90268	14.19735	5	3	2	93424.64	578032.8	507288.2
259.1543	31.06642	31.00267	31.11333	6	2	4	100988.6	563124.9	447972.8
610.4038	11.02976	10.9416	11.1665	8	3	5	896474.3	2899700	3797642
384.3589	24.48092	24.3855	24.52033	8	4	4	161001	598602.7	682711
296.2138	28.14617	28.05933	28.18433	10	5	5	260336.1	1122652	1298641
153.0482	19.36408	19.32383	19.38733	8	3	5	260064.4	1087747	661071.8
370.0269	15.89363	15.83673	15.92467	6	2	4	42436.63	171290.2	201475.8
352.2552	9.513583	9.463983	9.862433	8	4	3	13521884	31860343	62385790
553.1674	22.12125	22.05267	22.14983	8	3	5	2916716	8427273	13479779
343.3325	22.3925	22.34333	22.42133	10	5	5	1414271	5680274	6070564
210.1689	9.180183	9.101033	9.21955	4	3	1	925621.7	1497460	1062653
339.2896	33.68517	33.64	33.71317	7	4	3	268694.3	1922209	1254038
598.2664	30.068	29.9815	30.175	3	0	3	65567.87	110077.4	63086.79
665.391	10.85043	10.81753	10.90772	7	4	3	892643.5	1289407	2059211
227.2009	21.58017	21.44083	21.61833	10	5	5	2425838	18811882	18779851
672.2818	30.26367	30.22083	30.36167	6	3	3	45363.42	184954.2	186320.3
459.2664	44.24783	44.23017	44.2775	7	3	4	30329.34	202423.9	29348.45
287.0482	12.66875	12.48613	12.84028	9	3	5	545943.6	2905878	5645297
212.2375	27.948	27.867	28.04117	10	5	5	492768.2	2235924	2216043
488.2696	42.31133	42.29017	42.427	3	3	0	43062.67	386540.1	212307.7
488.2698	43.64175	43.51083	43.75667	4	3	0	61569.02	685104.1	212615.7
207.9887	17.72183	17.64833	17.76767	8	3	5	92010.23	545393.2	549421.4
453.3439	16.26628	16.21953	16.31143	3	0	3	9029104	20364428	10549425
637.4084	9.987683	9.791017	10.09217	4	0	3	785296.5	751872.6	1039530
230.1543	19.12883	19.09267	19.17367	9	4	5	105620.5	386432.2	362939.8
325.2395	22.8305	22.81183	22.84267	5	1	4	43341.28	180823.8	106564.9
206.0895	30.41167	30.31867	30.45617	4	1	3	278584.4	949238.4	1023543
594.2501	27.463	27.43983	27.7505	9	3	5	329236.1	1679093	2173414

1240.562	31.45683	31.301	31.47367	4	3	1	68367.23	184974.4	228029.7
385.1677	19.97642	19.96317	19.99333	4	1	3	101338.1	552591.7	506942.6
455.1645	26.64692	26.62717	26.69383	6	2	4	87742.57	302128.8	266980.7
527.1537	26.89875	26.85967	26.94067	10	5	5	660798.1	3071931	3573156
353.5931	29.257	29.228	29.32917	6	2	4	133759.4	390670.5	570957.5
583.4689	34.16183	34.12717	34.1995	5	2	3	28084.86	62635.19	62641.63
163.9765	2.193642	2.13475	2.20475	4	3	1	330971.7	1107371	1071123
476.028	22.98383	22.92417	23.01883	9	4	5	736090.9	3238912	4278148
650.4433	21.00758	20.96383	21.04883	8	3	5	1271843	2939767	3577280
312.0384	23.48142	23.42917	23.56833	8	4	4	80399.51	476764.2	527915.6
503.3066	9.1226	8.9037	9.186383	8	5	2	781826.3	1203152	491871.5
326.9955	23.25283	23.14433	23.2975	5	1	4	81368.31	280840.2	189098.8
298.202	22.24567	22.1165	22.26017	9	4	5	165591.3	710512.5	789979.6
416.9936	16.997	16.965	17.06117	4	1	3	42753.26	115747.5	228224.9
438.1925	33.29142	33.25783	33.32083	6	2	4	145447	741286	541201.3
570.2337	26.23142	26.18667	26.31783	6	3	3	56347.3	175612.7	192763.5
410.2358	9.401867	9.188017	9.446567	5	2	3	12570519	27982340	46307391
260.1689	22.75367	22.70783	22.78383	10	5	5	713492.3	3036814	3591512
359.3274	22.37025	22.327	22.406	10	5	5	316269.3	1334359	1255985
785.2331	18.09008	18.08867	18.14	4	1	3	90236.22	138482.9	268943.2
328.3005	26.60617	26.54567	26.65017	7	3	4	325079.6	1652722	1954915
469.1187	22.136	22.11583	22.15067	4	1	3	171634.9	320055.2	492799.5
228.1961	27.29892	27.23733	27.3625	10	5	5	458781.6	1864824	2137681
277.0889	27.85142	27.82083	27.86817	6	2	4	70198.47	203180.6	280741.8
725.3444	21.67867	21.557	21.72417	5	3	2	54210.82	110230.8	107536.3
499.1399	16.48417	16.42942	16.48593	5	2	3	54317.63	130107.2	223650.3
670.2669	29.14717	29.09717	29.2115	6	2	4	82879.99	285061.9	293059.8
650.4204	10.85778	10.81753	10.95503	8	4	4	27812008	39388605	61950718
343.1575	18.1035	18.07617	18.16983	5	2	3	149926.7	501820.5	653005.5
552.363	10.93684	10.92227	10.9696	6	2	4	248794.8	517997.7	631679.3
535.0721	21.01333	20.91917	21.314	6	2	3	405051.1	2784060	4443067
276.1603	10.86479	10.76538	10.9696	6	1	4	184255.4	352062.3	399944.6
262.0751	18.10333	18.0745	18.16983	5	2	3	96384.73	283833.7	344824.8
515.3583	29.985	29.93583	30.00317	10	5	5	204510	2113706	428627.8
463.186	10.40814	10.34782	10.45082	4	3	1	224425.3	453485.9	374948.2
412.3275	22.72367	22.694	22.7545	6	2	4	64028.28	219879.4	197842.7
386.2034	10.66787	10.58428	10.72183	7	4	3	1793465	4958054	6600963
232.0717	22.13292	22.02083	22.15117	6	2	4	97943.3	238901.9	327028.9
340.7869	31.53583	31.47383	31.58767	7	4	3	113244.4	235249	300841
500.2792	26.13683	26.08517	26.42867	11	5	5	1971998	5904746	6360742
399.2138	43.60183	43.578	43.63067	7	3	4	118490.5	852730.7	617292.3
554.1705	22.12717	22.05267	22.14983	7	2	5	695372.1	1744802	2764042
528.4019	32.26117	32.19283	32.2625	5	2	3	53241.67	160507.6	155107.9
619.2498	30.979	30.9495	31.0515	5	4	1	67930.29	213518.2	175158.6
596.1969	10.62147	10.56337	10.67897	5	3	2	363652.3	411403.5	688807.7
308.13	25.66967	25.63817	25.697	7	3	4	66413.57	148454.4	213006.3
241.1799	32.4975	32.37967	32.54	5	2	3	78019.22	545871.1	314412.1

322.2383	28.14633	28.04433	28.1615	10	5	5	513762	2331271	2530217
580.2239	18.12358	18.07617	18.1585	6	3	3	376282.1	954135.5	1660240
497.0392	16.68083	16.66133	16.72017	4	1	3	61861.68	132135.5	245310.9
171.1381	17.02158	16.97933	17.05383	6	3	3	121108.3	1160996	304491.1
407.1325	22.49183	22.4575	22.542	10	5	5	1009984	4453910	4753663
439.1897	33.28867	33.243	33.32083	7	3	4	103982.6	479375.7	502103
584.2193	18.11817	18.0555	18.1435	7	3	4	169721.6	327569.3	510102.4
1177.538	10.67151	10.6177	10.68362	6	2	4	1030448	2095998	3525596
623.2462	18.11767	18.06983	18.1585	7	3	4	389275.8	990449.1	1708294
539.436	25.39133	25.3475	25.41833	5	3	2	48141.95	123223.4	165556.4
691.508	10.34782	10.20952	10.40528	5	2	3	377270.4	579924.2	705852.3
847.1066	22.14317	22.11583	22.15067	4	1	3	87855.52	177867.3	320041.3
549.2474	27.48183	27.44817	27.53083	6	2	4	361100.7	1925195	2567230
551.1489	10.69548	10.64867	10.73325	6	3	3	453489.5	1138735	1347517
499.3579	10.95788	10.92607	10.98405	6	4	2	80715.23	164795	208451.5
315.9837	16.95233	16.86417	16.96683	7	3	4	81217.39	398758.3	530075.6
350.1056	16.69	16.63858	16.73067	10	5	5	1480032	6730711	9740860
305.8315	23.664	23.635	23.707	5	2	3	27083.95	78063.03	102036.6
315.3283	23.49492	23.42917	23.58517	10	5	5	887249.1	5079195	5499487
471.1137	22.1355	22.05267	22.142	7	2	5	1502784	3911022	6458840
1155.529	30.14333	30.0885	30.16417	5	2	3	49994.2	172317.9	192941.9
637.2713	26.99917	26.98417	27.045	5	2	3	42962.19	117375	140314.9
534.2875	7.464333	7.40945	7.47935	5	2	3	1760168	3384909	6773809
620.2928	24.70783	24.666	24.73533	7	2	5	71981.6	294124.2	294393.5
513.1436	22.12717	22.05267	22.14983	7	2	5	2100820	5417358	8865994
590.9558	22.996	22.94483	23.02967	5	2	3	43233.95	98604.17	128939.1
347.1182	31.627	31.528	31.69017	9	4	5	365477.9	1440086	1574615
274.2574	32.4975	32.39533	32.54	5	2	3	21965.41	74026.9	100912.2
455.5923	9.193308	9.101033	9.280533	8	5	3	7472490	17088099	12294055
610.2601	29.20158	29.16967	29.25583	6	2	4	533226.6	1272655	1519368
552.2235	23.52967	23.4585	23.53733	9	4	5	458079.8	1894907	2128852
288.0854	21.71608	21.68367	21.755	4	1	3	37194.67	102083.7	88277.64
563.1235	23.88208	23.8115	23.88617	4	1	3	51299.16	84580.56	180548.2
464.2282	23.32317	23.25133	23.34067	7	3	4	102160.3	454002.3	351498.4
522.356	31.25	31.22767	31.3435	8	4	4	5643691	52175092	41249538
316.1786	34.65867	34.5525	34.67233	6	2	4	85120.55	310693.1	181291
341.3168	24.41933	24.3855	24.44517	8	4	4	431939.6	5858590	4776771
379.0732	30.8035	30.7775	30.8355	3	0	3	9321994	20701706	40104902
239.1622	21.13525	21.05833	21.16267	8	4	4	309017.5	1592787	1270261
647.9441	43.30767	43.29333	43.3375	6	4	2	45054.05	265904.6	141567
272.0958	25.68383	25.64683	25.70383	7	3	4	84174.63	210996.1	264810.5
396.2235	43.60142	43.5415	43.63283	10	5	5	731985.4	8809031	5826031
205.0862	30.442	30.31867	30.48133	7	3	4	1942943	10631441	11103997
577.9215	10.11443	10.02378	10.1429	7	5	2	1347097	1420073	2201003
335.1258	30.44583	30.33317	30.4965	10	5	5	802100.7	4093426	2955149
548.8097	30.93633	30.8905	31.00267	6	2	4	269292.9	566334.1	830266.3
379.2525	31.06583	31.00267	31.1185	7	3	4	75507.09	335907.6	280922.6

494.3247	27.76292	27.724	27.84883	6	2	4	8949613	52479658	45392849
219.1383	28.1615	28.04433	28.176	5	2	3	80221.98	463104.8	389981.6
292.285	34.70708	34.67217	34.73417	10	5	5	1576847	8253272	8894970
650.4435	20.62817	20.58967	20.7355	9	5	4	1097096	3325804	4083546
401.3654	27.30492	27.26517	27.34783	6	3	3	58412.5	189052.8	222933.1
354.1942	43.59433	43.55683	43.63283	10	5	5	397455.8	2796183	2655137
572.3872	28.13217	28.02967	28.176	5	2	3	90931.65	223994	291820.3
419.321	40.32533	40.25067	40.37867	7	3	4	123004.3	931114	533925.3
516.3537	33.6035	33.59683	33.66833	6	2	4	133223.3	1417493	908740.4
151.0276	30.7775	30.73283	30.861	5	1	4	53817.12	215738.3	160973.3
223.0638	42.74217	42.67917	42.77867	10	5	5	136228.6	992921.4	475730.1
416.0476	19.3495	19.29933	19.37867	5	2	3	81940.2	324518.5	407865.3
689.2822	37.33	37.31467	37.45817	6	3	3	176026.3	948529.7	863200.7
299.1108	11.17531	11.15293	11.19352	4	1	3	191696.3	693540.2	969803.6
494.3101	17.57517	17.5605	17.619	5	2	3	70337.61	328834.2	176816.7
597.3158	30.28983	30.24533	30.36167	6	2	4	257711.4	600137.5	761913.2
398.9951	11.0508	10.83542	11.13185	5	1	4	366821.7	1182346	2033238
449.3746	24.49067	24.45017	24.52033	5	1	4	59626.6	183646.5	220855.9
589.4253	11.0317	10.94645	11.05148	6	2	4	287971.4	845636	964077.2
543.3128	7.464333	7.40945	7.47935	5	2	3	1589956	3254040	6548241
477.3117	25.02667	24.9965	25.04833	10	5	5	738527	2692912	3197788
527.8905	44.03058	43.9915	44.08933	8	3	5	124091.5	1140883	271293.3
707.5945	35.2655	35.23467	35.35667	7	4	3	53410.44	152721.8	91114.46
373.0983	42.74317	42.67917	42.7635	10	5	5	117861.6	706518.7	349329.5
801.555	23.23833	23.2015	23.25283	5	2	3	191013.7	246713.9	342843.7
403.0844	12.82933	12.78633	12.94688	5	1	4	123695.6	280443.7	586157.5
527.112	16.6535	16.63233	16.67783	5	2	3	130512.3	296093.6	571426.9
563.9241	22.996	22.97417	23.01433	5	2	3	93552.36	232590.7	363928.8
597.3461	35.54267	35.52967	35.56183	5	3	2	86548.23	458761.9	358461.4
454.4259	37.446	37.40167	37.63617	9	4	5	69323.38	383962.8	149126.9
740.1983	25.61833	25.6075	25.6595	5	2	3	57512.84	166080	196489.6
462.3781	26.59683	26.57183	26.65383	8	4	4	131621.8	512857.1	544240.1
522.4293	32.057	31.982	32.2355	5	3	1	47120180	70176180	1.31E+08
452.9022	9.186383	9.08515	9.208	5	3	2	1476505	2220606	1919384
456.6028	9.193308	9.101033	9.266617	8	5	3	1717488	4325966	2819225
200.1363	32.95233	32.86217	32.99867	7	4	3	103117.6	500044.2	508350.4
199.0419	18.10067	18.05983	18.16117	4	1	3	97225.84	337570.4	284276.4
228.1962	15.90278	15.79275	16.07195	13	5	5	2828417	34151316	43722817
273.2375	32.4115	32.37983	32.43083	3	0	3	11471062	16332612	16994595
389.9863	22.11458	22.05267	22.14983	6	2	4	191394.2	583107.5	864658.7
172.1697	23.49492	23.42917	23.6005	10	5	5	1083131	6373166	6852867
528.3097	29.47633	29.43333	29.57867	11	5	5	672683.5	2470085	2716743
275.2584	34.04517	34.03617	34.068	5	2	3	303350.9	2730527	2951234
256.2638	38.25567	37.90283	38.37433	13	4	5	306074	2046380	1377665
379.0843	30.465	30.34733	30.50117	5	2	3	10615209	29450359	58345053
380.2416	39.42	39.35517	39.46967	7	4	3	94287.91	636941.3	790532.2
487.1297	41.7025	41.66333	41.7455	10	5	5	48451.81	518927.8	101545.3

265.0743	9.460417	9.275233	9.506667	6	1	3	1376261	1569694	3205103
276.2618	34.6975	34.679	34.7335	10	5	5	487532.3	2110179	2368032
609.3911	9.217692	9.116917	9.266617	6	4	2	1635332	1999728	1504187
340.7523	10.4628	10.351	10.51042	5	3	2	4847134	1711173	3081769
303.2287	10.30175	10.27938	10.42607	5	3	2	202892.1	191054.1	190092.7
454.1723	26.65383	26.62417	26.66483	5	2	3	47504.91	176622.9	165393.3
757.2383	18.11058	18.09117	18.155	4	1	3	262568.9	549888.8	988593.8
357.2835	29.78292	29.74967	29.81717	8	4	4	41752.19	266026.1	81809.92
541.1925	18.10342	18.0555	18.155	6	2	4	739305.9	1771736	3077601
390.178	10.73622	10.63273	10.75237	4	1	3	299710.6	568049.5	955050.7
374.0983	42.74367	42.70617	42.7635	5	2	3	18036.87	78745.87	63234.05

mean2	sd2	HUVEC_DN	HUVEC_DN	HUVEC_DN	HUVEC_DN	HUVEC_DN	HUVEC_11	HUVEC_11	HUVEC_11
59049.81	37447.65	434753.7	415876.4	347038.6	346649.7	354770.3	58090.8	18839.37	120562.7
26705.18	11956.89	77475.02	61218.68	72541.01	75407.98	86536.68	35885.33	11654.77	29355.15
705135	155924.9	125619.4	154392.9	76410.07	16988.21	26235.47	930249	713520.8	492367.1
555272.8	115182.2	7542.017	0	0	125032.1	336356.8	638698.9	409103.3	644063
3808526	546366.5	1580247	550835.6	1454325	1229547	2724174	3865755	4527305	3936838
88711.32	48777.29	310537.6	255308	445559.1	456608.1	305904.2	110425.5	22190.16	88307.22
10853.98	13709.05	125235.8	107699.7	90070.43	51374.61	77693.24	14506.56	0	32916.13
14214251	3153807	4626595	4267893	6322539	5365227	8052533	12330464	13065849	10936069
163252.2	42838.59	454118.3	425398.7	393066.1	368953.9	244335.7	189929.1	114888.4	196584.8
11908.91	12731.85	139215.1	67398.33	163072.1	147091.7	98574.76	33315.39	0	5255.08
144704.9	41094.52	298663	330463.6	359555.3	518559	344466.2	119820.7	187978.3	86460.24
1640966	488396.1	294716.4	234577.9	365202.6	103434.9	427223.3	2002196	820319.4	1566656
277480.6	90685.89	4403.666	14265.28	26686.38	160469.1	65222.89	397039.5	279001.2	144303.9
13592245	3234361	3782694	5050022	4343605	3996688	5435773	12907188	9244141	13940692
6134346	1602745	1369410	2029095	2179922	2818203	3462807	6693582	7012909	6710096
168958.1	61689.83	0	17283.78	0	23281.99	49063.26	223566.8	101022	137987.1
207061.3	46598.41	108301.2	87884.94	113348.9	71233.8	96776.33	229945.3	245991.2	197172.5
122024.4	42781.57	5997.695	0	26984.01	38946.42	50028.93	57313.62	176909.1	132385.9
143405.1	48428.75	332149	267445	258330.2	194319.1	258853.7	113718.1	155860	75009.4
25000.61	28016.81	211279.7	201507.8	95771.26	88549.51	196599.6	28373.31	4514.636	72107.87
166277.1	35844.45	113037.3	43558.85	90452.14	76435.85	110482.9	206067.5	137865	154453.6
1648059	240302.9	956174.3	1073673	1145970	1269599	1205025	1619221	1290848	1636114
2574464	768160.6	3586.029	3187.342	0	1175885	1860499	3177016	1804133	2164722
65967.52	47059.18	480468.2	1772052	1588060	2006355	1899157	12068.86	21016.45	117582.2
195720.8	148476.9	579920.3	398053.9	1050682	807655.5	710040.8	414492.5	52344.17	79532.66
283809.9	235969.5	451864.4	874559.1	1070005	1134375	1280891	384093.7	167662.5	114002.2
195842.9	80038.13	0	0	4531.737	71222.4	65846.86	322862.2	128485.8	162997.3
367753.5	248538.1	1024825	1174134	1089534	748316.7	612683.6	389897.7	72579.98	231833.6
614356.3	224178.8	30511.93	28665.48	28460.7	216999.6	419692.3	645254.2	386544.3	543972.9
517710.2	141132.8	0	6247.764	0	304089.7	364227.1	651076	428933.8	319390.3
355715.4	270121	1155939	1681295	1196591	1204495	565548.5	206160.9	723007.5	562402.1
78321.26	61950.77	160377.8	149134.4	277324.4	245195.5	229364.8	82186.91	12672.23	35075.34
2040821	557058.7	279934.3	201121.6	574190	777360	1722471	2581293	1306156	2431878
95964.94	55612.22	441424.9	240710.8	684380.5	349767.6	463271.1	191991.8	54635.39	83124.93
428912.9	178935.6	31793.98	34777.72	56627.29	0	58277.75	464018.1	208237.6	595132.3
44676.15	24397.42	67989.36	106798.4	101405.6	102835.5	85750.09	23109.71	74074.26	56465.94
47620157	11501676	6008789	7725906	8965495	33961150	33878850	38355844	48559107	52020326
14152072	3276027	2795560	2361032	3805340	7778222	12139820	13301539	19559621	12221717
79593.79	58643.34	473078.7	238090.8	689678.5	697185.7	361589.2	158271.5	20547.67	22893.63
4245382	1934326	36372.06	56927.97	50929.04	110871	28701.92	4274383	1243912	3891478
102125.9	54493.14	234513.9	228614.8	201200.2	141346.4	264056.7	183558.3	43077.48	71470.26
495026.4	127508.8	190465.6	257680.3	93287.1	325650.6	335549.1	564452.6	572596	470266.5
199728.7	59214.52	393858.8	524618.9	421495.9	490819.9	236615.2	159602.1	275072.3	227277.9
153467	69313.06	554778.7	662860	514413.7	598309.3	194211.5	57090.91	235056.1	190420.2
793830.8	356497.9	68240.32	37846.9	22022.78	37358.16	127674.8	763875	1189740	404549.6
204435.8	101002.5	729148.5	809040.5	571581.4	479836.5	304128.1	204526.9	285520.6	231597.4

788253.6	280538.4	33565.47	51924.35	41896.37	311836.4	631178	889832	441591.5	684055.5
174820.5	76474.39	4631.134	6723.587	8549.313	24625.91	116365.6	128870.7	286496.7	204144.5
285030	189282.4	1362209	788371.2	2281795	1001555	1474896	576903.9	78442.53	337289.3
1273834	595664.2	0	4536.469	0	132789.4	728051.1	1891310	629017.6	1073765
31967.93	37786.05	272672	109691.4	320590.3	309677.7	121375.2	95193.12	0	6303.683
65535099	26484886	4940830	6841249	7855769	38965940	24952707	33929343	89530135	77420511
25357199	10094523	8142.554	21813.29	169165.8	6437470	20310041	37813398	14931986	21904104
271758.3	120419.8	30471.57	45725.38	64619.83	19016	11162.89	330808.9	149594.9	140528.3
4918174	1024878	527040.7	552426.9	679426.3	2590275	4408708	5762311	3594891	4428070
36117.27	34332.42	133381.1	139208.1	257590.6	240763.6	87800.57	55946.23	13414.59	0
5539587	1426064	2643373	3058181	2441337	2983933	2588180	6067723	4264457	4823247
2936036	851129	1255119	1375141	1003352	1315594	1447329	3938688	3704753	1956131
41616.59	19161.02	180326.7	118799.6	359292	329532.4	208019.1	71792.48	32560.89	20795.07
20445589	7911497	1837492	2461790	2829883	11678968	11268904	12224093	28723289	23225098
37584374	9002250	2508768	2039880	4459883	25384297	29946203	44444967	28087774	31944571
20314873	6803071	2304449	2735764	3143689	15157886	12057926	13846029	24830332	25092609
20298104	5315766	1132145	1366831	2560000	13391866	16206057	26422973	14699408	18502771
901259.6	844091.5	2467836	2929830	2580108	2273031	1798404	160479.2	1879893	110218.3
233412.1	96709.6	0	10863.76	7502.386	33673.36	194422	284711.3	67567.92	255653.9
1478893	618408.3	328998.9	356934.1	315578.8	169799.1	282852.7	1632049	464108	1376169
52393.4	31572.12	301365.6	165539.8	488423.4	188070	313493.9	104641.3	21978.12	42439.25
182663.2	70581.65	780377	471132.3	1532457	1564596	1072324	231894.4	97583.34	151939.8
61698776	22533692	6330331	6757310	9308278	42817833	35503121	38202350	82435229	67539291
491515.6	202042.8	135826.7	113161.5	106619.3	119103.4	64675.34	689632.7	181313.3	404348.6
3629774	1332447	416813.6	439996.3	587835.9	2577856	1965030	2227024	4602841	4630493
305323.9	265426.3	1336845	796968.4	2663480	2655227	1577796	400220.1	116397.1	131785.9
518571.3	130944.1	1681043	2113443	1775523	1555903	622965.1	548065	689129.5	448330.8
540260.8	159748.8	757167.8	838262.4	879180.1	1360521	1258366	337026.2	519714.8	549230.5
32538.65	12595.68	241426	128584.5	377063.6	172157.2	167960	36242.2	15735.05	27521.55
105758.9	49002.68	408491.3	491178.2	442899.8	273430.7	152620.8	84374.92	176453.7	58836.66
182138.1	144011.4	528522	237060.5	584413.8	623412.1	435666.8	241174.8	30541.98	184604.2
443252.3	273872.1	944079.8	2033506	1417065	2631267	1213103	433120.5	189314.8	283847.5
1238081	345430.4	329217.2	276585.7	185566.7	1021461	802293.2	1249111	1078989	1025305
20859.85	12050.1	196576.6	131761.9	416633.3	388480.1	187902.1	38686.82	15962.03	27521.72
60481067	26795555	3979246	5004212	4845372	29566288	24471036	27054029	84145632	81116650
783471.7	321925.3	2646.379	2822.129	73364.3	652167.5	190449.4	416456.6	1052852	819781.8
58255695	18570516	5615897	5945727	9388284	45200042	37489703	40853374	67544030	70823035
23687026	12474358	145684.7	171462.8	181111.4	244997.3	233830.1	18134525	4709840	27505374
246349.8	98202.94	11864.44	31649.58	19138.03	106420.5	182915.5	264527.8	182974.9	163932
66988.14	80376.58	392273.9	421402.6	1042474	937722.7	420741.3	64180.21	10500.07	20004.71
3319983	1545072	2683.827	15416.62	22543.43	1133523	2019540	5401353	1833959	2614442
59042.78	63931.11	311333.2	223830.9	700463.5	657205.9	337773.5	68270.64	6902.147	28397.21
489261.2	218989.8	2619734	1685676	4988410	5489410	2789625	805266.4	219828.7	461919.5
770359.4	285149.9	16971.76	26208.72	89781.21	376883.1	620105.2	725089.2	457016.1	737504.5
1591595	545441.9	165872.9	123382.4	239384	1276664	901108.8	1015367	2104877	2026229
392874.6	257506.6	1611240	901777.5	2442582	2672140	1159025	785042.2	102403.5	237530.6
529817.3	61483.39	403069.8	473772.8	409004.5	431442.7	405521.6	594025.8	431350.9	547635.9

1556537	577390.4	17585.71	6247.217	11091.16	908554.2	1190368	1849839	1005168	1334040
5890688	1786094	409993.2	432559.4	796847.5	3748393	4863428	7570871	3845652	5013558
402766	261498.6	1029588	1384159	1144360	1344206	430433.3	291035.4	750751.8	545360.2
761706.8	402954.7	1514581	1954684	1733452	1493573	934641.2	538867.2	1228136	205774.6
53500.44	64617.36	139056.8	533968.9	225857.9	346316	287226.8	72104.41	0	8919.942
988006.4	415955.6	61055.97	132139	69202.43	520635.6	600902.6	1095846	636933.7	652327.1
109917.2	59103.59	0	0	0	0	16775.11	146775.9	5650.051	121029.1
368591	150502.5	1063031	1389211	1261539	1375684	376696.3	366798.3	482179.8	377320.9
3219866	1266217	302000.1	385840.6	446665.6	2134394	1853244	1914843	4113765	3598523
869115.4	618848.6	997043.3	3835308	3935866	3150142	4918063	1502008	449120.3	561994.7
444182.8	201572.2	4137.996	0	5156.348	32715.33	375477.9	611881.2	106596.5	493056.5
20990515	9529883	1503175	2045921	2522183	10640315	7263778	10294991	30361889	27086486
33606.48	22425.86	205087.8	85901.79	260153.9	190646.1	88889.59	62526.5	21901.65	5694.891
8233416	3830050	45814.14	53703.48	82361.79	3411127	5088451	10961043	4693337	6026169
71131.2	47574.24	338694	133368.7	462470.6	232120.2	244071	123186	26238.09	29419.39
530082.9	223483.4	134624.8	172088.8	208561.8	99365.5	83197.32	357123.5	444132.8	311563.7
279954.7	142364.8	32199.71	24742.94	12565.38	26967.63	26152.62	362684.8	108346.1	144231.3
4526424	2078993	4207.708	15640.76	117916.5	1936870	2953686	5848090	2731030	3162218
4025719	2120901	296627.1	289957.3	269650.5	100888.1	208654.2	3834026	1009686	3198668
2999080	951759	8896.263	20344.51	12605.47	132723.9	3112735	4082776	3951542	2477363
3080023	1552795	271592.1	254218.2	291762	293267.4	452900.7	3889416	735730.4	2259060
11118821	5340976	258729.7	334924.7	325508.6	3509080	6666814	16334815	5841834	8610968
6898700	3719519	323402.6	293320.3	127821.5	220280.2	424957.4	9561126	10560046	2092956
4066659	2264837	52205.1	28139.62	33226	67785.85	66328.15	3933826	423101.2	4144819
1924531	1078354	19059.93	16589.88	8818.469	13497.63	15193.28	3120972	227441.3	1701776
12711266	3319066	1006852	505136.7	2380892	8812627	10747850	13387581	9178900	10522888
854497.6	464703.7	10820.56	12298.41	38141.96	50765.5	84549.01	171106.4	793875.3	1140317
98367.82	95455.23	618235.7	1530635	985494	1137965	293903.1	92226.53	40815.37	27854.28
655886.5	344129.6	21894.23	31796.28	40923.28	80874.84	123450.1	845867.3	992733.3	647378.4
216461.9	127204.4	866001.7	521696.5	1907433	1699031	1029902	340414.6	100999.2	89215.6
5278458	1900790	324349.3	143137.5	573454.5	3604781	3921223	7589607	4118349	4318056
482623.2	253188.2	12737.27	54343.42	43638.44	21762.89	99915.05	673973.7	140439.6	281285.1
1231368	575956	217325.5	233516.3	227920.2	126486.1	464320.3	1515560	521225.8	699845.6
4252688	1999151	98143.78	118755.4	111480	1675266	2802207	5793763	2307255	3324200
295190.2	177023.9	549109.6	758294.4	708641.4	543410	424809.5	452527.2	209346.9	230716.7
6830829	3810930	256291.7	257818.1	306521.7	43591.04	186850.4	6539807	1467033	5343025
1353706	729012.6	64544.07	80970.37	116520.9	30285.93	159485.1	1424375	327839.6	962267.8
4170403	997252.7	417019.3	152860.2	810537.6	2950714	3579980	4415881	3154813	3366294
9356370	5343229	70963.55	77785.18	64173.87	63817.7	98726.74	11451007	1219109	7264463
189269.8	76933.53	9041.381	0	19010.61	7772.127	182641.8	278108.4	180996.6	143312.1
593938.1	238959.4	2785603	1673552	5780877	6095770	3217328	949799	316479.5	522630.5
165755.6	117817.4	803977.3	477457	1219383	1238343	390898.4	326579.1	41857.47	64132.38
6208753	3315018	320195.2	310863.8	463569.9	775611.7	679920.8	6039357	1377346	5184033
30545.97	45885.3	436147.7	234180.6	315601	219094.9	65531.16	11518.61	0	19072.15
2199666	1243611	37554.78	47045.58	22413.29	130685.9	77346.65	3301989	483910.5	1286294
377645.4	127714.8	1245896	1597010	1406305	880757.1	467961.8	206685.4	513052.7	396462.7
324613.8	162734.8	9775.112	21958.34	11937.24	59589.3	207763.5	197376.9	107243.9	456275.3

113847.1	41219.24	569377.7	288239.6	876605.9	946882.3	374527.3	163472.6	83960.04	71965.98
612625.7	259377.7	51386.3	72684.85	103719	307494.8	420839	692575.6	381610.5	446684.7
738238.9	69423.91	346231.5	417230	403520.3	576521.2	719478.1	754793.4	651129.8	769272.2
1193435	699073.5	0	0	3502.489	6389.881	6875.256	1105037	124309.6	1508776
7548920	4430994	0	2490.746	10169.48	17230.75	6171.518	10290335	637194.2	5855408
1.03E+08	33535364	6784936	1132110	14390839	72460164	81704963	1.4E+08	70407166	86606057
315814.7	108132.9	2709649	2294037	2444747	1154500	618058	421563.7	429737.4	280510.7
1527196	807229.5	59165.6	125592.5	148023.6	217626	277070.3	890980.7	714023.9	2372418
91920828	53561531	5025100	56942.55	38661.72	140382.6	147818.3	1.47E+08	21966165	50552534
79109.59	48469.92	169380.7	169549.4	146573.9	307177.4	153998.7	62050.08	77887.46	7818.379
389881.1	225150	0	7191.348	3848.87	0	32855.72	491400.5	50932.69	323291.5
521103.3	489710.6	4180256	10508093	6842721	7600650	1681465	784884.6	271094.6	100554.3
10863733	2978450	2030201	1269717	4904086	2514451	10900270	12993118	9920784	9374869
97412.69	32161.22	35200.43	33176.34	31919.47	36482.85	85516.2	70041	119704.8	67630.27
203190	28084.53	493908.1	660151.3	632312.8	627018.4	200364.2	216136.4	210413.8	177969.1
16063097	9504009	6056.906	5877.135	16415.56	22237.41	7637.845	18847204	2342774	11668083
14310.48	15898.98	98366.22	95967.43	218083.7	263813.8	83187.8	7306.371	14177.42	8797.868
959349.5	567068.3	6675.866	2716.459	4103.499	8048.124	0	1473693	64654.08	796534.3
1.27E+08	75229722	38579.73	33881.33	780555.3	18699.64	30460.78	2.1E+08	11588723	99911162
197756.7	216185.1	1825643	4827089	2968077	3304609	784721.9	304722.2	61010.08	33617.22
416538.7	381257	517204.3	958809.3	1333728	1579817	1595051	678641.7	207392.6	111495
122357.3	51982.43	7894.009	12909.12	6527.459	26857.85	111328.8	74453.62	209346.7	126375.2
236261.9	106919.3	644390.3	847564.9	768016.5	356298.1	364303	227668.7	340037.1	80397.55
70138.57	40587.1	152256.7	98447.5	287780.5	333735.1	308566.7	41653.96	23444.6	61399.27
39155444	23105265	332075.5	343368.2	536012.5	622163.1	156241.6	41986991	6263562	27685618
1123704	463686.6	373540.6	361247.1	337810.2	315502.9	349663	1175313	402592.4	993003.8
4463065	2621740	59995.22	56733.43	69854.71	86313.61	81870.67	4486507	209034.1	4600213
2798350	1668160	3174.197	9248.221	0	0	14370.26	4348365	236687.1	2074227
954943.7	562593	3144.37	8264.641	10837.53	15493.61	30147.01	1096938	160351.9	840520.9
255822.4	154659.2	465332.3	626427.4	488592.1	451233.7	469890.4	264034	489488.6	62625.69
162900.8	75965.92	0	12238.07	0	119452.6	67195.87	173637.5	165556.9	117671.4
162147.9	58384.99	274555.9	330685.5	304728.9	357548.8	164802.2	232078.1	219767.4	120618.8
1660396	836605.3	121815.8	199434.2	195763.3	409363.9	571719.6	1079909	692998.4	2385712
3597044	2115273	76191.46	38154.61	34804.12	205551.3	27718.6	4826560	459454.8	2558516
1041910	862289.7	7816846	20229737	13257131	14565269	3201876	1384346	505146.1	472643.1
83951.03	115092.7	235080.9	141359.7	324895.3	503309.5	390217	30346.24	19052.52	43341.1
1471296	684803.1	112556.2	48094.42	801086.7	178034.5	812950.8	922402.9	2222417	1672059
986118.8	575710.5	0	3026.973	10543.35	71748.9	68305.26	1436876	211558.9	698944.5
2701708	1105865	878256.6	1163648	843291.8	829609	714512.8	1801533	3293700	3448287
6419647	3855808	2804.563	3826.704	6024.551	15191.23	26058.91	7156448	949199.4	4211108
2091230	299129.1	1358063	1635283	1630926	1890216	1559500	2303695	1800782	1829975
4100497	2063219	90352.44	207985.6	133908	1324793	2542149	6288159	2101550	2958281
2327100	1325772	161604.1	144892.6	74748.93	89963.76	182257.4	3479753	3724560	830327.6
17127370	10335806	14052.68	4183.718	33754.2	0	12806.76	26613286	1439246	12741179
13616.02	10213.82	122857.8	70286.26	262572	157899.4	84186.47	30794.96	13244.35	6064.339
278600.7	189893.8	603381	783407.5	657058	728768.2	313687.8	508087	81585.81	384746.5
5129194	3060470	93457.82	82439.93	81408.62	54010.59	25335.86	7010702	977554.9	2791830

575021	327097.4	33265.9	35525.79	40659.53	37399.76	32363.16	679534.1	92116.24	438397.1
27741250	16841651	0	3130.048	109150.3	3525.809	0	46269146	1954424	21719483
11870718	7193144	75380.44	51411.16	103909.2	61427.92	11598.26	12883839	1631637	8209511
1476764	893899.5	0	9051.35	6679.517	10636.87	20945.7	2407237	109377.1	1110458
17661252	9007261	1023033	1327892	1663482	6474735	6878984	6884613	24865208	26444481
290604.7	278343.8	2536895	6533227	4111061	4492952	933974.6	421899.5	59700.46	136991
10623167	6398197	169927.6	180130.2	163792.2	77462.2	45559.67	10393639	2313725	6706510
321307.7	156902.4	46408.19	58793.87	88624.2	33317.84	125703.1	364473.4	86370.32	249868.3
964295.5	361395.2	314022.8	451255.1	388039.9	297555.3	495380.2	1348643	528807	728130.5
560583	338470.8	0	9208.909	8407.193	8613.092	14802.39	857430	51604.3	379029.1
4800516	2891282	125872.3	141179.6	77182.84	17556.64	66636.45	5560396	851104.7	2951190
361158.9	206571.4	5748.085	11998.76	12652.88	98388.9	23555.06	565146.3	47062.26	276284.4
2039975	1148965	160828.7	192724.7	216531.6	58421.31	232352.4	1864061	546300.1	1422949
30305551	18539026	88511.07	181556.8	92864.71	262592.8	54503.87	31699680	4273659	21352554
607496.5	350966.7	65167.52	48248.23	36343.35	16044.14	23057.87	552032.1	139020.9	444728.6
3968471	747268.1	13174563	16306437	10927765	9199519	4790377	4089671	5004656	3245576
2354369	1416563	59701.07	58898.78	27922.49	72658.36	46934.49	2409769	409922.5	1738899
4975878	3025256	123939.2	123052.3	62496.7	16161.87	0	5573221	747332.5	3200915
3091680	1824073	128996.7	87967.09	82566.35	169941.2	189108.3	3920759	403719.9	2060662
1747814	1072838	9449.425	0	3498.455	14970.44	6787.03	2856853	303627.5	1116719
105461.5	62257.2	2503.429	6066.716	0	17843.68	0	172067.7	11240.84	80336.35
17582976	4944375	2320058	2984106	3318997	15406804	12897446	14542883	18883315	19340231
6338673	3799647	105632	105415.4	121889	381526.5	213547.3	7626444	778082.2	4286601
480473.5	291841.8	2546.605	2776.034	0	0	36649.13	609491.3	54578.39	328248.1
1569302	924218.9	42972.06	68162.38	71112.44	31017.71	166642.2	2143755	315492.7	843273.5
758681.6	171571.4	766399.7	1270453	1303963	1553498	1134553	545484.3	983897.9	872771.1
975180.7	599509.4	9172.044	0	0	8074.317	8175.01	1322603	52195.35	731806.8
15153554	9364176	29687.16	23868.29	7730.419	8065.969	51869.55	19833827	2455535	7973935
336376	235657.3	1402134	775479.7	3056558	3178751	1633337	397660.7	62309.07	210037
56412547	34271923	269195	305925.6	461892.4	2791491	1754773	84141624	5028513	37190321
2804608	1735584	0	3983.623	3299.078	12904.89	0	3354210	385619.7	1839397
5912845	3645910	11803.63	3296.627	12949.76	3533.262	152777.6	9145311	449006.8	4303302
389758.7	239126.2	2396.311	7280.975	3643.151	9148.262	0	722352.9	65666.25	295243.8
2344165	1387020	180511.6	181042.1	135045.9	21543.93	47985.14	3626944	410841.9	1408013
174539.3	37774.98	220073.5	326973.4	259238.6	442990	279926.1	158027.3	162321.6	151131.2
2489907	1518532	29255.56	56063.49	66754.5	40468.19	44825.92	3324712	303991.7	1546485
1500996	931582.5	3328.773	9034.612	4494.649	0	0	2674037	195771.4	1146408
170459.1	54495.52	7988.86	23379.51	5136.63	88213.95	166675.7	136457.3	92471.75	200527.8
14276407	8818039	112787.4	116335.4	95481.65	182117.7	36856.66	17512995	2282922	8232613
7509509	4644687	88861.2	70252.18	44998.42	21576.56	35290.93	10046317	1102029	4469184
244886.5	138953.9	4436.814	0	5948.979	53853.24	80349.05	232611.1	143591.4	203774
328379.1	95515.71	1237851	879913.9	2142605	706324.5	1081394	175984.8	337922.8	430984.6
1465943	905275.2	5241.966	2691.417	13283.89	43108.28	52081.89	1899871	221013.2	881310.2
2739547	1715712	6277.477	8251.074	0	4740.498	5756.354	4867065	227989.6	2132474
745747.2	458621.5	8596.049	10204.16	19391.02	16685.34	22039.81	1127183	82218.12	476946.1
3008224	1530302	47709.18	413523.9	108639.7	1527616	1342848	1355120	4906542	3992819
3744919	2257434	146711.6	169056.3	175028.3	210962.3	59500.08	3863971	309932.3	3046262

2.97E+08	1.86E+08	145692.3	191256	196896.5	168265.5	124419.3	4.17E+08	24838756	1.79E+08
4106974	2564725	0	30117.68	2780.553	74604.33	25507.75	4596902	713388.8	2276975
45665.78	63612.66	393346.4	1255425	768647.5	836879.8	200506.2	57378.2	0	0
77874.06	22857.51	112826.9	158201.7	116445.7	252952.5	206591.4	86866.77	84227.81	89730.22
430641.1	153626.9	21473.41	12008.15	44565.98	293919	362380.8	461803.9	260130.5	282001.6
3390077	1413346	1155841	1350587	1045765	1191640	1037557	2592032	2253966	5674927
2874064	1764307	117075.6	126715.1	102065.5	42526.62	0	4068581	669689.8	1278013
62434.61	74905.53	322240.7	257098.5	705080	912440.9	331851.4	98223.24	0	16744.84
33703912	21192768	155497	191207.2	168860.4	286652.5	104374.6	42329293	2980300	21528280
123071.2	44661.5	407204.6	578224	559643.7	819283.7	154693.2	149579.8	75321.32	109593.4
587162.3	363349.9	12808.13	0	0	30072.7	23016.12	784663.7	79428.6	370518.7
1486041	935015.1	0	10196.44	7623.784	9768.714	15999.7	2292129	75606.39	1214956
34621.21	22760.87	66164.82	98413.75	191791.5	180991.3	79559.94	31613.49	32509.22	6681.836
2218040	1403471	2624.333	0	6922.699	15598.08	0	2166322	285068.1	1616176
838386.3	527877.4	2398.54	14325.18	8009.896	9145.806	0	1197082	65692.98	513209.4
2576200	1503791	47776.14	23633.34	70548.5	563765.3	515867.3	2278279	2740801	1968605
236758.2	149852.7	4252.991	0	0	0	0	328646.3	182104.8	88241.97
11255262	7003787	231386.8	318194.8	342438.2	177025.5	91240.6	17078152	720095.4	7432318
29947.63	34851.29	159446.4	115269.4	350669.6	211268.7	91867.95	14629.97	0	0
2427779	1500437	123716.9	138429.4	38914.75	23593.8	15064.09	3675362	483374.7	1155899
175391.5	89414.11	0	4620.139	0	66737.78	125212.8	327666.7	180903.4	105304.2
746612.5	291172.6	16267.23	45800.16	24434.83	489486.5	616605.9	1045948	637528.8	584549.8
264944.8	167790.1	3905.565	0	0	3825.842	0	411860.9	10869.63	217760.4
1417285	645212.5	466595	478863.6	385566	355577.4	357444.6	1251762	1466050	2357520
6698791	4118562	208033.2	301145	266737	236434.2	175049.1	11071960	464425.4	5016682
320383	62145.79	548545	706468.3	457324.5	559417.3	341297.6	315672.9	278550.4	242967.2
1331414	714222.3	62366.61	41470.39	121196.8	247808.5	838492.5	1647486	655844.9	496091.9
12568963	7908888	238399.2	243229.4	173998.9	97949.89	67902.16	15092828	1496147	7402686
352352.7	221929.7	2908.645	3946.118	4262.044	5181.442	6304.428	631239.1	18464.17	310757.4
293942.4	179674.8	3270.939	0	0	0	87730.73	433458.9	41037.3	180564.6
503411.7	307743.2	19063.12	35526.94	8057.381	26887.35	20072.87	406126.7	101268.5	387785.1
65380379	41464304	526075.5	716406.5	672299.3	339533.2	255205.8	91256376	4755586	39432165
685172.3	436193.7	6381.431	0	0	0	7244.126	812601.6	44885.88	567677.7
135587.9	135864	1303971	3386093	2152342	2386230	350974.5	165787.9	46542.98	27786.75
100028.7	36240.91	150475.9	181043.2	141435.2	126315.9	219645.1	115037.9	51510.99	73611.95
2404071	1516673	45382.45	51387.51	59952.88	17753.88	12286.69	3256945	245716.9	1447686
2643423	1633457	74938.77	102847.5	87718.94	119096.4	88750.91	3439480	261338.4	1639902
2653114	1674011	40738.51	32451.3	47317.13	67699.3	67499.53	3014417	366842.2	1857433
2141521	1332360	101991.3	123831	88877.67	46835.38	0	3041574	309596.1	1363154
1021482	651992.2	11336.15	6451.195	9928.183	6908.561	6429.5	1035414	72739.2	765915.5
1852111	1127822	109260.7	127660.6	107635.6	87515.8	71842.54	2031451	244788.5	1259815
2037911	1306139	5533.814	5162.17	3644.172	27814.06	8761.474	2508153	156221	1352918
1178557	217065.7	2638828	2971657	2786216	1927192	1170251	1260084	1355438	1127136
19181.5	19066.34	221715.6	140723	569120.6	509569.6	186919.5	42210.05	0	32779.75
1347085	848454.4	43509.52	31288.38	23051.52	6768.442	52295.08	1911270	144031.8	753190.6
4054533	2523207	181242.1	222513.8	185046.6	51043.19	80478.06	5406180	487611.4	2327279
383414.4	245750.3	2759.687	9894.425	0	0	0	368877.5	58899.79	315673.2

132598.4	38050	73740.5	89372.51	85761.79	74141.56	56008.3	130859.5	83216.69	111129.2
3823535	2150974	601531.1	380011.9	444235.6	406268.1	652348.2	2588638	7308623	2466401
7744543	3821362	556612.9	811273.7	951456.1	4789922	3304831	3618911	10285100	10073095
912705.6	583759.6	3315.311	14937.74	21072.36	7895.804	0	1677301	47674.64	828603.1
1259101	651162.9	223754.7	201039.8	240837.7	243645.4	377255.6	1214112	372084.5	928262.3
994915.7	546244.7	55026.08	30597.38	129928.4	141632.3	579101.6	1770350	738759.7	1170775
81680.6	26520.11	169767.1	222247.2	207072.4	109040.6	103631.1	110373.3	43531.38	98121.18
112396.4	42575.04	8277.76	0	3705.837	59327.97	106417.6	113930	74084.82	65158.12
608109.4	353984.9	3526.496	3839.871	0	14640.88	403661.9	856014.3	199336	619665.4
8829026	5525584	295596.2	300880.1	352316.4	294939.9	302245.2	8840316	1211818	6058966
604750.2	392326.3	0	0	0	0	0	821959.9	1052836	0
1673758	1085003	2360.821	0	0	0	5538.579	2152729	166013.6	1127379
4364870	2586135	374136	471851	425866.5	98187.53	574251.4	4084086	1046255	2829499
1063361	670418.5	5271.961	17843.63	17144.82	54620.25	61505.7	1826084	618029.6	717743.5
34518	40811.17	163446.8	149468.3	361602.5	356583.8	86781.62	86183.92	0	16193.82
834545.7	270976.6	7151884	6193305	5700901	2642281	1389659	1041103	1151976	727715.2
4693941	2986656	41561.1	57561.98	57288.96	98807.73	230321.3	6981620	383731	2732233
7722989	5009811	3004.368	4888.936	3460.874	30379.37	7587.934	9378009	1138361	6154614
331473.2	187632.3	40261	32124.98	43461.79	73092.07	30639.62	420364.7	63341.3	212332.9
47525686	30827424	117106.3	137338	106673.4	248030.1	38764.54	75192001	3197778	28800740
517460.1	304163.4	66141.34	112602.4	35949	31944.44	19427.51	867273.1	47726.73	439024.2
2607169	1661069	63181.21	55188.67	64829.19	54599.38	30999.47	4352931	244808.3	1582556
380748.3	220582.7	8747.415	7418.922	38600.76	23033.29	195178.1	590983.1	319700.2	624729
66452897	43130297	129241.9	127497.1	175504.8	269552.3	170070.9	1.08E+08	5196883	41579947
904185.9	223729	3270.892	9671.406	79301.82	92519.65	1042624	801196.4	892402	1083623
1399879	894764.3	3043.011	4023.393	15877.93	42177.18	68677.7	1583321	185966.2	897754.3
777491.9	499375	3083.15	3016.38	23026.69	18703.64	6775.27	988182.9	79981.38	606125.5
5119605	3254455	216367.5	209310.4	149844.1	7300.693	56625.55	6715812	696249.2	2717601
390077.8	250398.2	4623.298	3263.944	7661.19	0	15345.49	399432.5	20457.59	342590.1
458361.8	223119.5	14686.63	4763.505	18456.64	99652.13	415219.2	543577	225959.5	376958.4
106694.8	69732.18	0	0	0	0	0	136827.3	0	78707.5
2145078	1322858	88773.41	89829.95	32048.33	154926.6	265789.7	2162043	348109.3	1454356
83771.32	54783.78	0	0	0	0	0	134869.8	10642.04	43717.49
14396595	9337465	28965.48	41389.38	477338.2	34778.34	28060	20558491	995909.2	8219462
1523334	992491.8	24636.93	0	8885.41	0	0	2542706	88126.73	997114.8
344129.3	213392.7	3623.225	0	0	76271.26	28199.51	411962	47891.25	249184.9
118310.9	75578.3	5809.804	6422.629	2683.026	0	0	48722.69	112961.8	233525.2
50966.99	32896.36	0	0	4098.687	0	0	61368.87	4250.814	37852.76
3412545	2157204	188283.8	212874.9	118650.1	61831.78	28446.17	3700498	388981.4	2315858
9299486	6075932	0	0	26862.57	40613.76	64348.44	0	14284932	11872653
1587964	1030019	28693.89	31519.45	4158.686	7934.472	12761.55	2337993	135263.5	1087190
2058334	1347188	2105.812	2751.872	0	6683.659	8634.469	2917380	161508.8	1293238
8343612	5420728	113717.7	103100	97614.96	57570.01	30935.61	7061743	1433677	5792465
37132482	24333645	61302.89	101008.1	90904.39	32132.83	70783.73	44787697	3568279	20582500
80131.08	51382.74	2577.7	3571.463	3701.575	0	0	77578.75	4957.742	62161
458614.4	167838.7	3473055	3286636	3312970	1270495	754910.3	662908.8	601088	426916.8
721230.2	468453.9	6511.041	2947.263	0	15135.86	20739.32	823023.1	67979.27	600569.5

2002241	1214412	211544.4	272736.3	259950.6	53866.33	23359.77	1883379	412573.8	1311131
65963.55	25104.95	645228.2	978859.8	640193.6	1078562	46649.22	97397.75	64664.61	48540.08
9650910	6322244	44603.76	59647.93	44130.26	59099.66	77168.64	12723387	1090778	6275859
467611.2	268940.6	10471.53	10254.18	29534.6	84000.08	237639.1	620323.4	257215.8	267403
608470.1	312170.1	663256	2706157	4851323	5807719	4047975	470470	982300.8	177660.9
1875582	1141430	0	0	0	118477.8	917190	2599095	773833.7	1296706
356971.3	227958	5108.944	6294.704	2948.468	37132.1	10466.46	607103.5	50718.4	244876.2
52677.77	25358.97	99888.84	109966.6	60266.85	166991.9	110654.5	22078.56	42756.14	53810.28
26379378	17386499	74337.69	60850.98	120283.6	54681.67	41225.82	50780274	2233209	22881208
24656.86	22694.06	467876.2	255401	257694.5	50975.5	207670.9	0	44278.68	42530.97
4616056	2958847	143418.2	222080.8	151969.7	152302.3	38779.97	6526132	288108.3	2767486
648255.3	240235.7	6562391	3898892	6252063	2453518	1337122	813989	937318.2	590726.3
1266190	833341.1	8723.521	5159.598	0	11619.5	7818.36	1526138	142040.9	803059.4
2435827	1584466	54796.79	51513.39	34284.27	30809.93	35231.96	2431664	313597	1577983
179613.4	112944.4	2693.721	0	0	4597.099	51946.24	283617.9	0	149370.6
75069.14	48651.47	0	0	0	9580.68	0	113162.9	0	51619.37
1778015	1174062	2781.401	2864.643	4957.451	22292.04	9671.551	1996949	275827.8	1371056
161621.9	102756.4	2839.543	3552.949	8807.521	12783.56	6407.094	100276.6	215032.4	112090.6
10512078	6923489	35084.32	50651.63	41556.4	71067.51	222386.2	14836975	1217661	6360237
2994265	1963937	48492.28	37752.27	15220.24	28481.12	55434.81	4891497	385602.2	1747203
46587049	26528942	1742462	2566829	3876255	16231380	13633506	12979234	70336688	74295916
1221218	808702.2	0	5169.432	0	0	18694.15	1587577	191201.1	703100.5
1454519	949012.8	12853	17646.38	24613.26	29657.58	51479.45	1977797	127593.9	792053.8
479361.5	307830.4	10839.54	20692.08	6523.575	55323.19	0	550088.3	58539.58	313791.7
740610.7	461494.4	41799.55	43896.01	76653.37	12197.83	77330.85	1264419	94122.21	522542.9
73024786	48440297	439434.3	585017.7	509561.2	535436.2	364360.3	1.03E+08	3195341	42808556
706746.8	456046.2	10317.29	19148.63	10834.04	67934.29	17088.26	768738.5	89472.44	466712.8
2027274	1350497	0	2290.279	13624.46	21001.8	0	1925089	364063.1	1098970
6880360	4365483	166833.1	193317.4	224756.9	821553.9	409872.9	6726269	923196.5	4578402
8397734	4791157	536068.8	906983.1	1139466	1715898	2157937	4852048	16515881	6267988
229465.4	120536.9	459008.9	629817.6	535766.6	209664.6	695075.6	383236.1	195708.1	220375.4
856587.8	565643.1	2951.578	8124.704	11430.63	21442.12	14512.11	1452195	96075.11	630057.1
8178192	5429758	85656.29	89551.28	66020.14	84524.31	28830.61	6956915	1656639	4872593
86764.75	26828.46	303563.5	120403.3	355606.5	402589.5	157062.6	110204.8	80847.45	42712.91
2275697	1426223	146315.2	147964.3	150579.5	154516.8	148215.6	2930324	283668.5	1528874
722897.6	427534.5	50574.41	50789.85	42195.68	136433.8	175826.3	1074591	103323.6	478021.3
6.78E+08	4.05E+08	2.77E+08	1.79E+08	2051954	154870.8	3902553	1.07E+09	6389029	7.22E+08
15441337	10155453	263010	360449.6	303464.9	419590.2	247119.6	17989056	942889.2	9546098
2171137	1436677	12193.9	18954.68	12455.67	7771.851	114182.4	4082044	156705.4	1639530
1173974	780259.5	2284.303	3414.792	0	0	60884.96	1612698	45290.47	741996.5
6255576	4075878	190521.8	193076.7	171102.2	257583.5	167852.3	4774797	1238718	4378679
25311706	17018394	35457	26678.56	24797.87	21041.71	11591.76	26505224	3736275	13089226
229723.5	142208.4	461030.1	1800190	1127911	1689906	567881.1	269318.1	34870.77	149975.6
2312204	1452395	268981.8	266945.2	210293.6	55311	8220.852	2904824	487165.7	1222830
520568.3	347188.5	2791.651	5688.845	0	11668.58	6453.671	757729.6	37631.71	301662.1
1578523	945092.6	0	5462.588	5579.278	295387.1	821380.3	2312723	749620.7	943833.4
13811033	9101145	353479.9	417084	597516.3	46220.63	225838.6	13357717	1904749	9002446

1063268	694520	49985.22	35275.89	40595.6	49491.04	0	931358	175589.8	746505.9
1.9E+08	1.28E+08	98360.71	120869.9	90089.71	160900.2	110291.5	2.68E+08	8804212	1.03E+08
46842.24	28389.52	94662.26	56957.92	155159.4	218825.7	149947.1	72540.21	79735.34	29174.5
666104.6	424499.9	0	6419.92	0	234331.1	17945.84	739414.4	39465.35	501478.5
217150.5	145279.2	0	8060.48	0	4518.762	0	270553	5359.89	164954.4
1049057	612616	129398.7	114904.7	125771.4	260706.1	111510.6	1546953	194255.6	722781.7
41624.79	18936.97	141292.3	203108.1	175592.5	94649.47	45469.99	25131.32	73978.54	31911.04
384675.9	31163.32	397429.3	624702.6	631683.9	854474.2	593602.6	352829.8	433471.5	388208.8
12070859	8189338	16922.65	0	5132.198	11931.74	14749.68	19857953	547297.2	6511378
16725197	10973760	402596.9	456686.6	475010.7	801865.7	701009.3	26758798	708966	10121209
601310.1	401662.9	6803.186	10717.2	0	6810.603	26644.9	991178.4	29752.97	439946.8
141298.5	92246.96	3759.685	5674.13	13071.79	0	6590.127	249794.5	0	132496.6
452139.1	273275.1	22549.21	51587.57	33288.66	39176.44	122812.3	660753	88724.85	352396.8
3994236	2656654	126710.2	99214.72	101484.9	88737.43	40383.12	4608933	455957	2112499
10891136	7330685	188026.6	186638.9	141570.2	74596.12	41062.54	12932284	1401251	5311469
291917	135932	1109499	1143898	214664.4	793329.4	1341447	494646.5	328427	130297.2
674312.6	445307.7	28140.9	7396.305	12300.63	31913.42	24911.24	1071273	62306.55	415080.5
310760.4	208854.8	3409.27	0	0	20649.61	0	480125.7	7676.88	196526.3
13908998	2767786	1415522	2115381	2650606	13603892	10350140	12320311	12180845	14044360
123144.2	104392.9	490830.4	194339.7	1003709	883742.2	428694.9	307545.1	84178.08	65631.47
6103465	4106694	47303.48	90875.2	80912.57	129530.3	83069.76	8009207	452963.8	3132834
163008.1	109432	0	0	0	7280.207	7103.866	232895.5	19350.11	70507.98
815248.1	461933.5	1598547	1737127	1423077	1254265	1321542	1256098	140216.7	629162.4
36081366	7540898	4924095	4983484	6508509	34483586	28059836	31697043	30601679	37982974
2229483	1455113	134262.6	172924.5	107356	64664.68	32394.68	1983452	491840.4	1475067
245370.8	180263.6	871805.8	374310	2143918	1674020	1101096	546556.9	76334.51	234057.2
654327.5	446635.8	3155.728	0	0	3242.764	0	1015546	7398.991	366376.3
458839.2	296862.3	14634.17	31680.83	43265.25	11244.91	26046.02	546407.2	15804.62	331112.3
1024571	698374.4	0	5398.118	0	7150.249	8230.007	1470332	122277.1	733720.4
78438.44	21312.99	108787	131832.4	131391.8	134856.8	76749.78	108988.8	62085.24	72188.03
1599397	1092621	0	0	3651.907	6441.996	12718.74	1912151	205384.9	1174295
3925772	2521491	86354.7	102711.5	80858.92	504835.2	524732.2	5302999	460619.6	2269258
802079.5	543663.5	5233.284	3830.144	4443.6	7050.729	24935.19	1242191	49184.07	404324.8
4.78E+08	2.83E+08	2.44E+08	1.42E+08	2462644	1295373	3718915	7.15E+08	82854566	3.34E+08
5373548	3513757	166057.9	189393	151236.9	373723.5	390338.1	4434165	1079079	3885619
1057345	724963.8	2346.638	0	0	3639.602	0	1338586	53536	660607.1
1955834	1200683	195490.8	285094.5	269321	134973.7	165891.5	2702813	279077.3	1083905
576893.4	349448.3	92934.12	106286.4	67121.77	25238.82	58952.87	878442.2	119041.6	320940.2
103872.1	65008.29	3914079	4711046	3443228	1524737	250696.8	121302.6	193173	77340.77
3708884	2394659	99191.25	131150	167372.8	426338.5	322192.2	3376937	593585.3	2389930
11808750	8100360	29876.85	14170.86	43121.04	29421.95	18342.38	14447355	691815.8	6193719
15056411	10046358	388358.4	499803.4	480280.9	506400.4	369861.5	21526790	471650.3	9000851
5644224	3794845	202423.5	173818.7	88973.67	141755.6	38584.15	8951514	847285.3	2378188
1257671	638735.2	368530	474200.7	358059.6	173525.1	327997.9	1221859	443734	854052.4
1679966	1152138	0	2653.295	21022.9	12476.67	0	3379399	1075020	2052075
612149.7	556928.2	2999333	1853864	6302835	1772042	3114443	1564081	279076.9	644875.5
3240961	860822.2	436032.6	579054	530036	3068368	2488536	2831157	3700121	3523386

19148373	13159889	104897.6	129964.7	105118.1	11375.89	19664.95	23809691	1633325	11036279
15958485	10951185	91172.12	127150.9	105697.4	105526.9	29000.28	25906515	652223.4	8712776
700547	77074.17	824168	860032.9	900511.1	919094.3	691622	667478.1	596794.5	684754.3
32816.7	33926.73	826204.2	2489318	1553499	1577097	131082	59783.66	4225.213	0
3457087	816740.9	710272.5	881784.1	784355.3	3472949	2484270	3229443	2296864	3289563
440891.4	77678.09	1013976	1170008	1068105	691951.4	428994.6	484540.5	494924.6	448268.7
3768459	2518132	104260.1	116307	140445.1	180263.2	108956.4	5469697	416159.3	2095342
3405786	2203828	268478.9	286671.5	274049.2	196223.2	94711.71	4160616	528067.1	1806386
7538679	5173006	21928.98	27846.19	22752.75	93994.34	172715.9	7622048	1079047	3850470
5061682	3300663	236964.9	331098.4	295753.9	349931	262401.2	7574238	384361.9	2885817
1074824	721761.9	5765.031	11584.95	93175.64	52269.5	6122.682	1334669	54623.62	748866.4
2087281	1425711	20106.41	23886.2	47705.7	27609.34	26433.22	3378230	202206.8	1360643
710659.6	364981.3	84172.27	66398.78	164108	303849	386878.2	782731.2	648280	442579.7
48891094	33707295	113595	135595.5	133633.9	614053.6	287392.9	67029970	2903524	26265250
2.52E+08	1.67E+08	37915465	21396859	152052.1	338090.9	618770.6	2.59E+08	29157368	1.6E+08
9681713	6676710	24965.53	40723.59	51620.36	110852.2	46898.02	11759275	1224009	5429807
4597814	3160850	6270.225	7954.671	4027.905	12886.49	176876.5	7153944	169758.3	2355077
88400.47	74324.62	348251	386195.7	867263.4	524879.5	162831.5	126730.8	0	18623.63
1348938	890762.1	4980.029	13829	42011.72	139592.1	142867.6	1934577	145931.2	644878
1459548	930363.8	5168.906	4674.939	0	256989.6	438414.6	2409044	303001.5	889686.1
128702.1	84985.48	614389.7	302235.7	752247.4	1698282	1036510	259187.8	75756.7	49247.69
149557.1	100398.1	514853.2	230476.7	771869.2	1297286	696779.5	291503	36811.87	91569.83
510402.9	353787.9	0	0	3403.558	0	5818.358	1010023	17319.51	435663.4
442644.7	98608.77	146248.1	228545.4	198696.9	366569.9	407926.6	539608.6	398094.6	339169.3
706869	338691.7	5028.848	0	4655.017	481901.7	514887.1	684407.9	418861.2	488385.7
264817.1	162605.4	0	0	5618.85	34659.31	156279.1	297577.6	92656.09	434457.1
2614810	1755050	84992.36	103371.8	103065	87526.23	112784.9	3224413	196679.3	1404204
1305619	242144.2	4672241	5862360	3775684	2960144	1364081	1286947	1567065	1301915
403635.2	271389.3	21746.63	25940.61	9131.348	0	20286.8	568501.8	35484.99	191618.1
4342.273	6412.727	122020.1	91313.96	56865.82	73769.99	0	0	7458.826	0
7.47E+08	5.22E+08	69435.8	112456.6	96265.06	124294.1	45728.4	9.64E+08	30413449	3.78E+08
1368329	573505.4	278297.6	377211.8	522414.5	671092.9	1016384	727150.1	2005617	1932772
455421.5	317321.7	4256.733	0	0	5410.776	0	591166.1	42479.28	254640.1
4779126	3195858	90002.45	135004.4	139871.9	390150.5	327517	6724452	207616.9	2618068
411376.1	286476.7	0	0	0	0	10978.62	607772.3	0	222112.8
7889366	5316722	123034.4	123618.1	144105.7	760815	382053	5341227	805231.9	7044047
54714.44	37955.39	0	2852.365	0	0	0	47173.72	0	47029.73
16747695	10350079	77116.74	109108.3	121602.6	3961249	7679513	31254850	6806062	11408920
3780401	2636523	35558.04	15369.96	2844.137	27250.87	8543.773	5674426	55233.1	1995702
838034.9	564104.9	19615.31	27031.34	14937.26	32890.78	74400.43	1266307	94886.01	468380.9
13514.82	19285.05	70886.86	129820.5	219590	79380.85	46581.4	12993.77	0	0
1408014	865489.1	21767.7	45396.34	11721.71	197372.5	783786.5	2267126	506680.4	990981.2
49628.87	21491.19	173344.4	131613.4	149050.1	103822.3	40945.61	26864.71	76145.99	43112.37
2391891	1465841	98828.91	67089.89	128808	763369.1	635268.8	2448930	248057	1861953
2312985	1580595	72895.23	85738.99	93243.98	42437.92	21161.34	2507791	255057.2	1190114
5549956	3889500	3379.37	7949.763	32957.67	8329.276	14434.75	10997420	345507.9	4451951
2225718	1463541	102867.6	155074.4	147517	190841.7	120454.6	2475749	108349.4	1504378

889636.9	582138.1	69675.29	61961.58	42400.11	82820.3	52402.95	1111615	87614.03	499866.6
2329905	1459623	174477.3	205585.1	245767.4	336073.9	321875.3	2997954	346126.5	1334080
4881126	3413066	24287.05	54187.95	12268.41	37206.55	26050.76	4765544	731232.6	2578897
101166.1	98830.5	606261.6	558881.5	1357648	1801098	414091.1	242594.7	19567.2	18240.26
41065.73	29379.12	242650.8	131381.7	199968.4	89693.66	61286.28	11903.71	8272.163	49374.93
16390048	10823154	269294.9	375358.4	384629.4	890106.3	3722887	29984995	25548713	4843452
13087356	8945898	166000.9	168974.5	244022	473034.5	910560.5	16155923	1008712	6878032
9914.726	10546.89	59392.5	160585.5	172504.4	301410.9	60357.83	0	21313.9	7692.954
187272.3	129953.4	0	0	3623.2	10993.61	0	214744.3	18643.65	89720.5
1466617	780094.9	379379.2	61357.48	206636.7	801030	519695.6	2389953	1252932	497658.7
1777006	1039718	83585.05	77868.33	182902.8	1256044	144303.8	2836727	336693.1	1190677
875281.2	617595.8	0	2873.611	3111.393	0	0	1436764	51192.39	433175.1
319569.3	200280.6	13497.43	11407.33	21727.29	25009.95	143642.6	485582.7	53178.18	205238.3
598715.8	212081.4	5641802	3137328	6143204	2093936	1216874	786122.1	836415.6	476551.6
47339.64	31974.78	108729.8	176093.1	234049.2	450083.4	176612.9	93168.39	54159.39	20631.52
482746.7	186205.8	2948.041	3397.825	13190.73	370445.6	413167.6	420149	207428.9	487011.8
1899631	911635.9	280897.8	364654.2	431886.6	1192121	995493	825472.4	2602969	2803300
1158160	569848.8	1646446	2309036	1851888	2261306	1656132	968518.6	1806215	1703770
1.64E+08	1.16E+08	111689.8	143444.7	134815.2	552889	182131.8	2.19E+08	10269623	80864726
11411694	7892660	180264	215224.3	212484.8	519466.4	270573.8	8049550	1828977	8434813
876715.3	621396.8	0	0	0	3288.463	3364.419	1471365	19679.62	442053.3
2543025	1589717	0	5283.628	23133.47	570509.1	1233488	4126990	1055369	1634298
20869.46	21729.96	170528.2	123970	430863.9	470649.4	118432.1	38129.66	0	0
707082.9	442347	98477.56	153880.3	94124.73	61180.55	33071.81	1006908	70700.95	414346.5
1617536	992223.6	266227.1	259173.7	257326.6	269604.4	84905.63	2382910	211404.4	936314.6
3920887	2761116	23065.14	24204.46	27742.63	117604.2	23116.21	6583511	349049	1734361
37015127	25048132	1773098	2329188	1984020	2280037	886122.4	48619032	1599747	22626428
475549.4	322857.1	0	12237.48	28858.33	81258.67	0	863359.6	51016.39	299248.3
306315.9	216816.2	2927.557	0	7789.058	0	0	537233.2	30377.31	203362.5
1.75E+08	1.22E+08	2847963	3759600	3693250	3324523	1849206	2.27E+08	6444540	88186766
3596012	2509175	57877.37	65154.89	34732.29	203983.7	41762.44	3360297	570856.4	2405231
10059113	7055011	134909.7	184224.2	170663.8	337538.3	38996.11	16682724	367062.6	5320783
581045.2	379507.9	0	0	0	84015.54	211144.3	838544.1	215757.7	418842.1
597491.6	245852.2	2560032	2876040	1853262	1442164	561779.1	721335.8	800446.4	735461.1
1668240	245278.4	1139853	1317258	1376794	1583314	1178154	1843496	1351723	1455128
16458271	11681287	88522.14	82358.64	94683.55	219183	79894.03	24796794	845443.9	7809526
1353580	965133.4	0	0	0	3459.176	12303.89	2007379	49008.47	703946.8
2569446	1833396	0	0	0	11829.59	11358.79	3316866	37397.91	1294892
597771.1	422133.4	0	6878.337	7336.25	4964.08	17591.35	944393.8	14721.51	281851.6
396282.2	203257.1	70475.39	61613.57	72844.13	255836	142677.7	543562.7	70984.66	321161.4
962874.3	414420	152824.3	41536.23	291935.9	751939.6	619573.4	1011050	529252.2	558584.2
2695520	1866734	74626.31	108419.4	86569.44	111846.8	62185.47	3807577	268466.8	1191462
133491.3	107743.2	3060962	3597740	1375592	1853349	201432	134010.1	272376.6	42620.62
2674920	1915731	0	3389.836	0	0	0	3528374	55537.19	1286937
1103160	137788.3	5126173	5981620	4070792	2005884	1616934	1181442	1300056	975506.1
16702123	3241629	10707034	11733682	11799445	15234381	11965911	17570763	11810076	15766173
6393800	3666790	414379.8	511994	672799.6	3136988	2346289	2626394	10255778	10072972

4492535	3193937	35796.68	31930.86	31587.97	43490.37	65062.41	7063795	441753.7	2323609
459287.5	219134.9	5293.147	3356.818	0	3050.308	508674.2	632405	264416.8	180450.7
4012663	2812539	96735.29	130277.7	85812.24	107255.1	58165.48	3452360	553383.7	2423691
299957.6	208060.7	3165.139	3160.721	11184.53	0	37446.36	325536.7	0	244252.9
238162.3	168797.1	0	8853.781	3413.225	4244.044	0	433395.2	5864.349	131914
318541.2	183744.9	8568.692	0	3509.577	0	288934.3	523149.2	57060.02	382310.4
135222.3	93351.71	0	2875.853	0	28115.15	0	145840	13110.47	99203.45
1130193	709588.5	282648.1	61044.87	95639.29	197208.7	108964.1	1939820	239063.9	784152.4
528495.1	70084.28	442279.3	457152.2	497624.1	356031.5	357109.1	526387.5	481974.7	458318.2
6581251	4327190	504406.8	722321	699390.5	638776.4	288972.3	8239221	453143.9	3881643
280785.3	96422.36	438852.8	532904	447338.9	377597.7	318597	356110	321765.3	173165.5
3299004	1261963	603165.1	361452.1	918032.7	3657549	181263	4925712	3272273	1456624
233454.1	218581.1	1259950	732010.2	2653354	731467.3	1161644	620209.9	85486.43	153136.7
39445063	28179818	106042.1	124890.4	127920.3	706268.2	490942.1	66458805	1931443	17230131
2835592	1776432	297673	390597.9	392940.4	431659.6	337305.1	4080526	442433	1480268
2.54E+08	1.72E+08	65605492	17207326	696566.9	163802.5	1520347	5.06E+08	1.66E+08	47408982
168713.1	56542.98	299777.7	196236.1	652688.6	781159.8	602129.8	208690	79277.06	159749.7
429714.3	303582.7	6955.184	3607.841	0	6453.635	27390.78	570086.2	775541.1	42630.36
33262144	23904541	106776.8	122699.1	103145	169251.2	60240.9	35147558	1437326	17815887
12177681	8689762	215772.6	195641	128867.1	81358.25	42899.84	13444222	1371411	9537624
92060.64	64328.48	0	0	0	8552.336	6937.519	99814.66	17138.69	84428.02
1398005	873048.4	164684.7	183302.3	209207	201333	185691	2567597	263241.9	1227870
436775.1	257887.9	96137.92	136173.2	83262.82	72128.37	26174.48	722672.8	44229.6	345934.5
115590.6	84078.7	337101.8	149622.3	795217.1	755550.8	415725.1	255447.7	27579.45	93067.47
9029866	6324232	333190.2	326467.3	298315.6	239206.2	232411.2	8514024	1315424	4874956
266029	159796.9	88223.77	82307.79	44863.2	21753.33	6544.519	379093.1	22754.87	182331.6
590439	422141.9	2216.738	0	3144.799	28468.95	4368.455	543070.9	55952.52	328379.6
756512.4	524990.1	33604.23	54299.1	25098.34	29215.55	16344.3	1056701	80868.12	329024.9
363682.4	178726.4	12237.83	9087.942	15938.56	148113.5	338266.2	366370.9	243534	208849
7876041	5468626	380103.1	570794.1	449327.1	157090.1	116848.5	9352894	570045.6	3909100
323533.1	210060.8	8980.513	16860.35	0	88958.42	71890.36	392522	37890.5	192063.7
805522.9	579771.8	12160.52	6911.59	0	11040.5	0	1218370	49297.4	480322
8403276	6092652	5569.38	15956.47	0	35213.62	11873.91	15078306	350277.7	4504411
664602.2	481920.5	0	0	0	5190.284	0	1142102	9191.264	393378
50248548	36395569	132131.5	170729	170963	206405.3	84796.98	66467874	972778.2	27336838
38283.39	22271.87	2226.25	10390.26	11051.25	0	18341.29	74513.72	13682.46	37150.73
2254067	1533464	15488.83	3959.571	35660.34	329605.3	395446.2	1645539	2142362	1475485
997850.8	705233.2	45050.94	21345.51	8170.919	66391.96	0	1956751	43709.29	721544.6
4209531	2856699	319310.5	378860.9	317423.3	307150.4	86384.73	4140940	578364.4	2487764
118562	86216.45	0	0	0	0	0	146834.4	0	63344.22
1206568	856722.2	5365.408	0	0	0	153266.7	1523518	39952.92	586226.3
2395508	1475059	341895.1	429686.9	394389.4	391383.6	288529.1	3319988	345655.6	1452801
508390.6	357019.6	14614.1	22832.85	16182.79	22868.5	12650.08	662987.6	28756.71	243123.2
150480.5	78312.23	3889.135	0	21709.26	35314.63	139891.3	144628	36168.05	134981.8
4797637	3423790	144995.4	129857.8	131487.2	68928.84	9243.886	3343246	873726.7	3044321
198068.3	108027.9	0	0	0	99077.08	149134.7	151292.2	144627.3	163948.2
567369.3	321304.8	13778.48	7739.562	30208.88	189008.3	427965.2	612102.2	25550.69	586931.5

479873.4	344346.5	0	7851.833	20088.17	9108.195	0	789706.7	14704.35	241579.8
12613.76	13519.48	121455.9	153803.5	350656.7	247884.5	29216.35	21690.01	0	0
2753086	1701279	132649	105295.1	230546.4	874680.9	968764.2	3839961	392193	1488949
184950.4	129076	0	11861.34	8985.596	14644.25	5723.642	343154.9	11719.22	103994.9
949727.6	635896.3	47221.62	33807.42	30871.96	10265.83	337413.7	1252955	99477.97	500151.2
7179002	5183076	52041.76	59278.46	63616.44	167329	97518.67	8704445	939366.4	3348565
245690.1	144228.5	527167.3	302342.8	766925.9	775826.7	365827.2	436004.5	140822.4	139158
173228.4	122936.2	5351.903	7966.341	0	0	12997.91	301345.8	0	95495.35
275730.8	199577.7	5033.337	3423.386	6282.38	0	0	313404.6	22884.01	118654.6
447712.7	328229.1	2414301	1417397	5187874	1435402	2223873	975426.1	166122.9	553212
782962	496463.9	117662.3	104625.1	57771.3	110905.3	139364.3	1103801	53459.77	486671.7
193500.4	128937.7	17876.47	30827	29053.36	7423.17	4901.646	252695.9	11858.27	139874.7
9429556	6793628	28841.83	23331.42	51151.54	397752.5	306478.3	11844243	464076.7	4463814
328627.7	318179.8	1536541	925959.2	3329971	855203.8	1649912	890009.4	98608.67	204457.1
1143200	836215.3	2693.465	0	0	3799.654	5246.198	1454326	3781.474	549401.4
141998.2	99357.38	3853.481	0	3797.128	7342.359	18713.6	167326	7014.592	107175.8
31337639	19276598	1216248	1742691	2732695	12752954	9429824	10065870	53591133	43865651
8129905	3571442	104183.3	73157.62	8578868	1315132	2718531	10501239	3858100	9284127
2271169	1537362	222640.7	272329.7	247443.2	90098.93	67097.76	2507068	247422.3	1188545
6387000	4608001	107464.2	110886	92684.63	141732.5	115802.6	4719220	921284.3	4057081
784838.9	410788.9	256152.6	281283.3	424707.9	96964.65	134643.8	201635.5	752374.3	1267775
2545839	1757634	193958.2	238163.6	183957	96175.78	66778.57	1550529	595217	1880593
5589647	4061346	68928.95	75798.4	57060.78	123402.9	42128.05	6668543	252649	2667941
7202.604	6998.22	100527.8	101004	252999.3	146639.7	17426.2	12720.33	0	0
2996659	2147702	127506.9	130680.3	88098.51	38229.77	29602.47	2520806	404775.3	1658494
1214000	756875.2	105299.8	56673.96	128009	237706.7	485814.5	1273049	203990.2	779467.2
41318102	30369115	95737.34	128079.9	113302.3	144051	131108.6	48804494	985638.1	20037353
854880.4	608550.3	0	0	12013.85	45599.98	98030.14	1246777	145186.4	655637.9
8903.098	9217.327	76820.02	34597.94	105995	83601.19	8041.58	15790.43	0	0
1206654	788509.7	90394.11	71919.68	140964	199750	196483	904088.1	239189.7	905610.2
11220763	8233646	39696.42	72648.01	43299.94	99744	65358.99	20751733	890701.9	4492296
6311707	4607687	21969.07	19114.97	78301.34	140731.1	83486.11	9309738	851809.7	4152347
5951290	11714328	30143229	36335953	14485216	17854183	15654210	173865.9	26822346	95376.56
422155.9	186575.1	3527990	4399831	2963349	1243837	621189.3	553058.4	652964.8	347661.6
1869055	1195079	319792.7	351540.5	296416.6	197096.3	106178.5	2617304	239085.8	1056890
212758.1	118215.2	264355.1	388739.3	307606.1	587667.9	540567.8	182139.7	147073.7	116644
351000.1	257386	2339.001	0	3247.639	0	8199.45	518892.3	19231.98	181864.4
7354348	5311418	158412.6	180152	178592.7	259331.5	68518.39	9435636	187227.5	3370277
513941.8	277282.1	0	0	13550.56	394835.3	270549.1	535239	342197.5	309368.7
164199.7	119844.9	7125.136	3682.347	0	0	0	264711.9	4942.018	75644.36
7351303	5048782	519756.2	662248.6	603101.4	596017.7	277572.5	11557882	327171.4	3692713
43407338	29740621	3167689	3853026	3558389	3525048	2068178	60823279	1431045	23021977
3370374	2086391	177195.4	332905.5	310152.7	1158319	970679.4	792407.1	4895225	5545007
1014349	725314.5	8557.421	5517.731	0	17642.76	156241.3	1309794	150409	762499.3
86194107	63731709	84755.8	80378.23	106565.5	179992.4	110571.1	1.13E+08	2606160	38000414
21715.77	19402.69	71852.91	39760.25	184218.8	127224.4	66486.08	0	5805.334	30180.82
16335099	10288389	756773.5	1030489	1507490	4839737	4948179	5283591	21736789	29024394

1396000	761047.6	288106.7	197706.1	314532.5	118899.8	1040619	2523483	786316.7	630101.2
3786458	2591789	265308	387340	320139.9	302269.5	166691.7	4073282	249338.3	2207261
220879.9	163630.2	0	0	0	0	0	469108.8	9414.585	197908.4
2225640	1551797	72920.32	80963.15	92387.51	237109.8	180092.5	2396748	241876.9	1179917
477935.4	287028.7	90774.96	107495.2	92589.84	104577.2	60489.54	647679.6	67910.28	283431.8
92073.79	65961.66	3385.521	0	0	13124.73	0	47512.15	4148.556	110735.3
2051004	1504481	4200.7	0	6171.308	69867.11	27188.8	2340085	94015.55	966160.9
3150348	2212132	82554.62	35310.42	86080.05	400338.9	258080.3	4400412	154200	1614928
1656617	1095595	128978	125372.3	140890	320890.1	196830.7	1852236	161587.8	1020944
5086172	3658647	194998.4	158491.1	171902.2	219767.4	29917.76	3914198	789598.4	3061174
5305152	3720139	313280.8	385810.8	363056.3	291978.1	106152.7	8941067	542077.3	2119400
3115000	2187804	33543.95	60011.78	709194.4	64408.85	58665.27	4289758	468715.1	1608607
2070878	1156733	426645.9	568322.8	525932.3	615219.1	439962.5	3500741	443877.3	1848258
2314370	950955.8	395794.4	614251.5	660295.8	2159556	1130623	2328473	932090.8	1938701
8365280	5034344	93155.3	46300.13	233795.9	819332.7	6985772	11979871	1587281	5367195
2423074	1653402	189207.4	257600.6	167735.6	314973.5	72879.98	3443945	121424.8	1586161
1944678	1181454	0	0	210380.1	603653.7	1169499	1806049	1039575	3880988
283103.5	179044.1	0	0	5659.429	64796.27	172260.8	268665.7	141041.5	566984.7
1235843	869148.1	76611.56	78308.89	64377.1	72103.42	48846.64	1944873	104355.4	507895.2
175268	33104.33	1163510	1591155	1046532	544229.6	194155.1	126415	215431.7	165198.3
1340933	892120.5	0	0	11625.56	172078.6	663791	1983609	497963.4	765855
1855028	1015970	465366.6	529856.5	591819.8	426449	456474.7	1390006	658842.1	1398469
1812366	1336609	40916.75	34399.86	20730.72	0	0	3273617	67879.82	917642.3
8257998	5943237	296892.6	374795.2	324735.5	271963.3	159021.2	9861263	425403.2	3886924
44921.79	37052.39	120622.6	45797.67	180780.6	242353.9	119748.5	54450.5	12136.82	25880.99
1850529	1308927	80777.67	130288.5	100542.5	142571.5	35711.46	2585110	32285.15	911808.1
635741.2	397716.5	113061.2	98002.91	101629.2	124904.6	79396.69	811599.6	118623.9	305633.6
397311	237476.2	2378.741	0	0	163346.7	261961.7	385676.4	136786.5	231999.7
1597413	394369.8	1331372	1329655	789168.4	1021104	863154.8	2132305	1884344	1190613
571960.4	426094.1	0	0	0	4097.269	4056.184	783806.8	0	244794.8
1129013	737578.3	0	0	0	0	814121.9	1995269	133705.7	661714
96272.91	48287.66	203592.5	280236.6	245165.3	435533.6	105188.6	120174.9	89035.57	56348.2
411191.5	130931.5	2578972	2756699	1876931	927043.8	509142.6	321109.6	608309	434812.5
2172678	287466.2	6925155	9226337	5964489	3766337	2528762	2162693	2262893	1895368
824942	570686.9	117561.1	107802.6	70200.72	26303.16	0	924595.5	85440.52	440675.5
172991.8	102495.5	26287.71	9349.315	23634.42	38143.88	99119.56	181788.3	73492.1	136212.3
6822081	5068479	43454.54	24304.09	68737.77	115396.7	34233.04	6722634	439559.9	3336132
8680646	6386877	86823.31	127789.9	114051.7	359469	108668.5	12134700	846190.1	3466812
1373392	935300.2	116775.5	154394.7	147535.1	152833.3	62403.36	2130014	65791.21	726362
165207.4	78969.1	0	5481.584	2514.669	0	189547.3	166006.4	29239.29	194919.6
2210400	1656998	0	0	0	11319.97	5551.454	4048112	3847712	476677.1
23836641	17726706	138997.2	190621	151020.8	308096.2	359970.2	25782551	933422.8	11139442
43277.7	41292.49	370551.7	1064484	560521.8	392733	134120.3	35235.77	30862.84	8780.159
45374.63	31794.73	293252.8	146927.2	398183.8	904505.3	380563.2	89600.02	11313.66	21267.75
2078377	601182.7	281146	407055.1	463114.5	1976261	1703404	2054456	1425400	1813494
257608.7	45437.85	201668.1	267560.4	137677	110935.8	135207.3	223084.8	239174.9	252375.4
6582859	4859216	95047.6	126843.7	105230.8	72829.65	175481.8	11918157	229200.5	3326799

852051.7	418723.3	303686.8	399659.4	332746.7	187730	279227.3	1380021	327493.3	557543.2
2192898	1345172	376148.9	515456.4	429871.5	448397.5	264780.1	3091742	297750.7	1232575
499412.2	293352.3	150787.4	163664.8	162622.1	49569.64	45078	663676.6	60265.23	347016.9
18226715	13449184	315017.1	439330.7	393222.3	389481.7	224786.6	23398696	406306.8	7869247
102442.4	33496.56	197969.2	252590.9	162207.8	323494.5	109967.3	93529.77	93919.73	103220.2
82132.69	61806.79	0	0	0	0	0	166332	0	53568.43
1075384	589296.9	3026.971	11080.14	33354.41	3735.024	1118904	1829633	939755.4	457616.7
35619232	26661248	188073.6	242640.7	209365.6	253829.4	127324.9	43533617	848893	15164522
1369420	803575.3	337420.3	284908.7	341686.8	314478	237607.9	1061099	491312.7	925666.5
25400581	19029650	128619.1	156842.3	136945.6	159367.8	51798.81	44281709	406500.9	11416575
2030036	1313916	214507.8	193006.7	173595.3	397481.4	480627.8	1373528	451673.4	1589177
1886830	296601.5	1095696	1710287	1450756	1687710	1359079	2000643	1596410	1614941
4861745	3279466	729943.7	777858.1	347562.1	293423.3	434267.7	5304572	5474023	1489272
2564511	1924429	2933.439	6934.595	7396.087	12737.98	23533.07	5101123	90434.85	1428178
1895091	1145778	249577.8	253811	323686.9	779094.1	351477.1	1796320	410026.4	1258954
9731753	2777014	1731817	1905448	2509758	9472077	7757130	9697984	5836367	8466416
837489.4	410838.2	367550.4	333750.6	408377.9	218841.9	176033.7	1273856	227765.6	674720
485422.9	350669.5	11881.63	2822.934	22899.55	23736.14	41844.5	881093.4	61306.37	180830.7
4593224	3314075	294468.9	290414	271808.7	100290.5	45437.18	5600993	327559.9	2464355
45685.6	15775.37	2524394	2607508	1396628	861895	64683.93	53090.58	66775.41	46409.84
12845.82	10677.73	89404.8	106724.6	273454.6	528732.9	234985	17449.95	0	8548.5
172874.7	99806.51	45400.57	31611.93	38701.59	66176.78	26672.79	272522	37671.35	98262.84
92192.74	66171.55	0	0	0	8270.64	16479.7	184621.1	0	74657.46
663947	421687.1	89968.69	94240.16	138587.2	114777.8	93286.28	904666.8	90002.5	350808.4
174071.2	118947.9	0	0	0	32479.36	62679.61	150920	85996.63	372570.2
18074878	13589946	113923.6	142106.3	102357.3	51065.26	77900.27	18431712	1470431	8373446
480658.2	219977.7	0	0	23303.82	324228.9	426130	371460.7	265376.8	421758
22729.83	16963.23	169404.4	115000.5	320744.5	494817.5	106158.3	24641.99	5825.986	13820.11
1739440	1223819	105302.5	162277.9	98938.2	219132.1	31088.23	2740508	50340.33	955448.6
2370898	1697158	122930.9	137856.4	124366.4	139757.3	113646.5	3173616	120811.5	1111515
911139.7	685447.7	3538.305	8285.358	0	8212.633	6624.266	1306295	81642.11	569024.3
1540966	255522.8	734630.5	1073812	992477.7	1589940	1121226	1469665	1183021	1476384
17509.87	7827.978	222817.4	760803.9	386431.3	478516.4	37395.86	26743.99	11872.26	15904.43
488482	362525.6	7432.902	7068.17	5328.132	25548.12	5782.551	1028994	17973.77	412816.6
19176063	14434607	14728.09	6564.871	72806.15	334263.4	229691.7	25476560	459565.9	7970224
551186.8	416736.8	0	3154.317	0	3801.744	0	747038.4	4067.891	217898.4
1427857	1072309	9915.568	12779.88	6716.669	0	40864.32	1198368	153892.8	849367
168156.2	125934.1	772004.6	453400.5	1612220	418741.8	714523.9	373471.3	41913.48	187899.5
882659.7	653794.7	12114.69	27653.52	28591.73	18937.39	19431.78	904834.5	45963.87	500325.3
587904.9	445061.4	2386.888	0	0	7152.778	0	746302.1	0	241105.7
1352766	1024368	4726.391	8134.526	5424.854	0	7409.123	2894938	97327.19	991211.2
6239121	3985145	616715.3	505357.7	728509.1	1136170	2238457	5581040	1167058	4088605
1181805	815344.2	87104.43	153177.1	166028.5	118692.9	30686.06	1745887	53640.66	568944.9
902714.9	652745.8	81102.09	74797.25	54346.48	0	15561.09	1484142	48206.08	493103.6
145648.6	107206.5	2411.849	0	0	14709.93	7286.218	191334.7	12883.89	93324.74
147921.2	102982	30999.83	11966.74	10922.11	5133.45	6008.686	158526.8	3316.015	106589.2
2943800	742016.7	475401.8	526693.5	688255	2930069	2388872	2313613	2588517	3088559

8152409	5322875	386586.7	467962.2	599230.9	2951287	1815027	2582770	11604851	14836552
75183.96	46487.5	1170167	2818521	1461075	1032338	179978	86884.42	42610.54	44796.89
2381620	1448178	0	2580.921	3378.228	730763.8	1783938	2932165	1535308	3331379
4.01E+08	3.05E+08	101083.5	110674.8	102439.6	181934.6	87689.55	4.81E+08	9299208	1.7E+08
3745883	2542125	8314.515	10026.06	16837.65	466785	1894631	6302617	1287209	2483632
1747602	1241505	64140.9	66110.61	335572.5	68172.27	85710.75	1681849	183826.2	999393.1
4040484	3071706	14231.78	11657.84	16668.44	16894.16	0	8868356	358756.5	3116917
1312118	979285.4	37064.45	52502.41	48387.42	4825.517	0	1577109	73911.42	544221
378452.1	77079.26	473200.2	618745.1	636345.8	622619.1	354471.7	430761	468373.4	349503.2
6588.927	9717.425	271406.5	265266.2	630965.2	197779	56570.33	0	0	0
8033441	6078292	46549.4	48311.59	117212.6	56721.22	89938.61	12117137	1058783	5188555
649129.9	442528.8	50817.72	119893.4	46006.96	128163.3	14379.42	849540.7	26889.78	357091.1
49219.13	22285.33	98767.51	162105.8	64792.64	126078.1	64314.27	48294.49	70845.66	31918.7
42660712	31695081	290311.4	334596.8	532092.4	3366030	1607566	49819390	2646463	17913665
2899701	726468.8	1018195	1430120	1523660	2752364	2325043	2848000	1925438	2670639
29666.91	29337.9	317975.1	177234.9	137546.5	90952.25	63815.05	7917.688	11655.17	5374.446
93232218	71304641	15601.51	29992.72	27473.92	153223.9	61730.76	1.12E+08	1652978	39593620
206925.8	156452.5	2816.012	0	9891.702	0	0	254461.3	0	89064.64
1834802	896748.5	403094.5	562699.4	519795.2	820687.3	1128063	2834659	1018168	1357473
21071.53	9301.235	412458.5	1292368	768883.7	589282.2	45748.54	30878.61	12706.04	17193.72
3637858	2660136	55373.18	68958.93	98510.52	519904.3	123949	2816837	342853.6	2313462
1833630	1513964	3948006	3602054	4223430	2266199	5971872	2657239	7292.944	3542695
4601702	592220.5	3457725	3590185	3579114	4718067	3199510	4709485	3932514	4247148
14502471	11018891	145090.7	140238.9	115956.9	211576.6	57942.69	12249923	1880604	7518845
113865.2	77515.06	14951.69	2894.104	6856.3	35913.39	7721.168	147676.2	5259.311	61814.36
3288786	2416210	124857.3	140163	150449.2	149238.2	132474.2	4257701	149902.1	1305252
1438478	400461.4	554508.9	785970.2	761811.7	1246403	1149662	1239813	943526.9	1318460
28143.99	22478.08	133281.1	43308.69	407397.7	311816.7	180529.5	34756.5	16637.91	6105.672
171879.1	59281.34	857985.4	868916.7	734658.6	273780.2	207153.7	72257.49	225970.2	168543.5
1159563	710403.9	85447.23	120044.7	128525.2	447126	466978.7	1805280	141457.2	701978.1
542423.2	387774.4	21171.96	34477.72	33267.99	10152.26	95351.23	724506.6	38813.57	225559.2
343088.4	71514.49	423127.4	538626.1	448834.9	533546.5	347521.7	373625.6	375724.2	318817.7
20918422	5050558	3185934	4577980	5389432	21120046	16902776	19901073	15701217	19032577
161648.8	91069.41	71709.47	63676.64	10015.42	54457.15	26474.4	213184.4	21034.73	118252.1
466854.8	272190.4	31062.69	28151.77	58528.06	334203.9	145532.7	477028	328520.8	259427.4
1366232	1036083	19249.3	36573.39	19011.37	19889.58	0	2127448	4952.094	488920.7
528587.9	387604.7	13121.03	11332.15	3499.073	9368.202	94615.24	797726.7	30876.87	240749.4
828386.7	490910	96403.55	125090.1	186193.5	168539.1	428572.9	60202.41	671850.7	1343334
3343.569	4666.615	96637.38	35227.75	91074.59	170293.7	15901.94	0	0	7081.574
202653.2	133888.3	0	0	0	0	155948.8	338560.4	6671.845	311499.8
9802435	7426937	155876.2	197297.3	165650.2	207655.9	96567.23	15338524	312598.1	4368535
462988.2	66819.37	613489.9	723864.2	727820.6	799745	412205.6	470308.3	451542.1	375607.7
148953.5	109951.5	9680.518	2970.317	0	11130.46	8021.305	255051.9	5911.118	68296.98
5083659	3508794	452162.7	550916	521979.4	645951.6	492843.7	6821048	599394.5	2607464
109815.9	84674.17	0	0	0	0	0	102773.2	0	61078.83
995121.2	698984.6	74397.09	112781.5	92631.97	128593.3	38377.22	1521478	61473	445536.1
7166211	5462420	81587.2	130560	94576.46	96280.61	9410.309	8790961	174216	2890711

7743487	5168474	212905.7	489058.5	548106.9	2246280	2025960	1424295	12595218	12777750
384393.2	292129	3255.874	16406.21	8997.457	0	0	783746.8	39275.35	242366.5
827050.1	580016	1396317	1738532	1781963	1532328	1370983	1371370	1474177	146041.3
85178.97	64825.65	3166.714	0	3021.932	0	0	65618.03	5450.384	51361.12
3059390	2319085	88229.72	145011.1	39859.45	13080.15	0	6440850	175716.1	1847622
159649.9	75263.21	227785	1053500	572207.9	949384	333888.9	194248.3	104277	93689.09
4756804	2653477	29397.3	7843.694	19542.47	2602919	3691330	6126406	2576403	6192553
2295149	1410753	437910	477549.3	492937.5	499478.5	448695.9	3311504	501547	1285104
549718.3	419746.7	2896.531	10778.63	4200.026	8860.798	10872.64	483183.9	78906.46	228789.3
337557.6	97073.29	11265.29	30218.36	56743.04	295047.5	314501	346625.4	220541.7	268044.2
5799425	4269813	271358.9	316356.2	312019.8	336629.9	199879.1	6932779	419766.2	3143225
1796046	958669	267052.3	92245.14	415089.1	1373696	720642	2924354	818321.2	1794466
179538.1	132268.8	11464.45	6044.673	0	0	28521.29	148370.5	41917.07	98989.84
1642305	1211257	72504.24	62655.57	57158.06	153957.9	50881.07	1393579	247908.5	807683
100549.2	38278.71	8912.844	9329.888	13115.7	35912.69	116219.4	159125.6	87025.8	57680.1
433291.3	332933.6	3048.976	12355.47	4632.012	0	0	157751.4	0	744540.4
1861934	1439372	10032.47	6324.307	3272.306	13217.47	0	3434790	24739.43	950787.2
317090.8	210304.9	0	0	2971.58	82111.82	173074.9	525302	81245.43	217793.9
1946091	1415214	101980.7	165669.2	161218	131177.3	57235.78	3277050	99929.5	857846.7
32689.73	33758	490834	2140333	1334733	1910140	57360.89	14626.31	13049.51	25686.16
1500555	1164119	4609.413	0	2574.924	3840.476	0	2531118	3701.653	562674.7
349678.6	249723.4	1155183	1137749	2787618	3978919	1047497	500014.1	113266.3	106835.1
110355.5	81439.81	3000.9	0	3621.081	7790.027	14806.08	87304.41	27045.04	60499.68
178057.7	91579.39	6449.619	12440.18	21150.2	71952.87	166619.4	316695.5	104824.6	91729.01
6943306	4960189	144877.9	133864.1	184847.7	1385789	1139646	5046699	6079996	4460066
1708125	1011717	73259.86	74720.24	72280.24	413989.9	1430061	2767573	460672.5	1478121
715657.8	538670.1	6344.954	0	0	3334.868	124902.6	896902.9	117088.8	189318.7
114868.5	84326.8	0	0	0	12526.56	23832.71	191523.5	5535.532	75088.58
1146504	788170.9	144342.1	159939.8	224569.3	89038.04	76840.21	658845.9	331035.3	759235.1
2280316	1774646	5858.812	13796.96	0	3327.694	17720.9	5083672	232535.9	1952280
686751.3	323758.9	40446.88	34672.71	58707.72	403676.1	641731.1	736613.5	492944.6	677720.1
1419715	1108510	2389.111	0	3296.721	0	0	1662119	4151.979	561397.5
950869.6	734146.7	6700.978	9531.737	5714.849	14373.05	22877.26	1543818	172755	643103.5
80370.59	28855.31	294786.6	329709.4	338536.8	641662.1	76911.88	61143.79	85647.16	47181.65
3115835	2511278	11850330	8870287	13168156	1111220	10610225	7449241	3082489	1358057
250499.3	155045.8	370775.9	314179.8	858757.6	988761.3	587485.2	221007.8	128701.9	123608.8
5079223	3738007	228810	227947.8	162803.2	426828	496337.9	10938260	1103669	3792422
153592.2	98652.01	18355.95	27031.91	22937.24	31126.34	40205.48	147300.2	29970.97	97282.09
319061.6	238834.2	0	3363.64	3782.834	23536.74	43322.61	169849.2	136967.4	155699.7
1257988	796799.3	0	6603.089	8278.447	80578.24	1095062	1884714	211070.1	767622.8
416407.8	133775.7	130447.6	263185.1	234128.9	319791.1	288309.3	381147.3	243721.1	358689.5
3258926	2508322	13449.75	27088.42	12319.94	227336	32467.75	4311940	114266.9	1262163
3696973	2797658	109726.6	109588.4	174276.2	142609.7	129073.2	3374724	637490.3	1385566
2773468	1868073	326799.2	436668.3	400884	452983	355223.7	4299881	397644.9	1133169
13908642	10748153	92617.7	71589.95	174234.5	710684.2	62203.16	13093983	2385987	6517003
159293.2	123701.2	8999.42	0	0	0	0	120539.2	0	150810.3
647044.4	491965.7	28483.69	33635.2	7804.973	25129.4	8058.181	725675.5	4914.692	334925.8

150560	112849.1	0	2924.606	5745.99	28147.86	0	92509.66	23226.58	98420.35
611777.5	423014.7	0	4358.712	23034.19	38894.29	355215.9	867561.7	146817.1	159108.3
1480418	1163096	5629.296	3442.193	0	0	0	1725941	0	578111.2
8853967	6921755	16424.57	35580.97	30731.16	115514.2	82990.24	10398968	143896.3	3472232
597804.7	515680.3	2150715	2034736	5353526	7717040	2000177	986601.3	205639.9	276438.3
4508204	1634389	825812.4	1263132	1370655	3351389	4171423	4745731	2266894	4205293
6802056	5189282	29322.5	50413.44	137342.6	75484.13	849600.5	12656754	1542417	5315330
498247.1	219279.4	3312665	4609222	2786784	1319996	576291.1	538238.5	770657.9	164552.7
2232289	1598106	11304.66	13603.35	15980.7	7400.139	1162120	3207711	164718.9	1080227
20411568	16081888	25281.84	26790.02	21409.36	6310.241	21459.67	33311621	34280.51	6112509
359577	227501.4	69437.99	97149.11	93726.85	33775.12	66843.92	558975.9	10445.19	300822.3
264558.3	110345.6	28549.68	15053.99	30127.2	166750.9	264467.3	288674.3	295995.2	379120.4
1818117	194839.8	1107201	1699815	1452413	1670756	1536843	2042981	1646829	1773489
213398.8	150586.5	2221.271	8617.892	4369.318	11094.16	101856.5	357824	57585.75	117433.3
613692.2	445579.5	33865.11	52818.84	17135.42	67262.44	76997.33	770517.3	74370.61	447881.7
1695964	697736.4	4068358	4199343	3965397	1475286	2441148	1783823	2622433	2040868
4437529	3341248	154586.4	174743.5	138690.9	246194.3	324568.6	293911.8	6867251	5520529
1722343	1216323	161871.6	209908.1	209242.6	208920.4	125873.4	1947897	184869.1	762363.9
1399332	1260812	7584650	4650963	7024569	194516.2	5814570	3575346	1208007	874925.7
793544.9	151910.6	3809396	5491997	3574194	1827567	796034.3	571078.7	911993.9	737982.2
3398333	2479508	88914.44	132681.6	191825.4	427857.4	517767.5	3842290	214349.8	1528560
603185.1	100047.3	151591	277246.3	249875.2	604930.8	524345.5	672021.7	598228.8	456372.1
173802.8	129757.1	0	5974.483	6485.594	0	42037.02	156372.4	15343.41	120144.8
370201.8	288385.9	6780.149	0	0	4394.666	21159.93	612096.4	21221.16	99756.68
170317.4	91760.07	44607.06	53043.85	17020.59	33081.98	132839	146125.4	99573.95	105916.4
793421.2	463732.9	158142.7	207391.6	196999.3	334174.4	165048	1203083	169706	435068.6
828498.5	549267.9	143177.7	138977.8	141853.2	198976.6	65141.11	1151304	89811.64	528486.9
99592.74	67066.26	0	38161.46	19132.15	18700.26	4169.422	124826.7	0	81227.89
254084.7	136884.4	10013.86	18076.68	36535.19	129345.5	205707.5	218698.6	160195.1	98367.68
764727.5	433209.7	119505.4	71454.02	113613.6	134778.1	658912.6	1286819	160092.6	526426
2154807	1606165	89239.8	87831.51	102214.6	274331.5	112130.2	3389915	165742.8	950334.9
605266.3	423745.7	982613.5	4350966	1806520	3800786	1416636	414110.6	551543.6	652524.4
1345430	1042571	29460.76	25642.86	17184.59	24438.91	70298.92	2323118	317786.1	625528.5
490253.3	293835.5	14778.04	86025.01	50382.1	153185.6	330554.1	292629.2	191380.9	359649.5
997973.3	692847.4	58585.2	62777.92	178304.1	47591.61	315194.5	1894223	78796.7	610553.3
214834.8	141410.2	10750.19	6155.104	8162.167	23740.63	150938.2	355052.9	37332.78	303569.8
6905489	5254452	140471.5	172878.9	156778.9	770652.4	282978.6	5016111	912274	3964005
26874163	21191469	248313.6	253096.4	207786.5	318313.2	165251.8	14433280	4792648	17624598
168666.5	65639.67	351794.8	430614.7	459768.4	345879.4	109247.3	161263	244656	184182.1
8823.919	7197.14	68877.79	41416.7	173906.8	190966	35949.15	8387.014	4857.703	11836.42
4057456	2946686	117706.3	124200.7	168220.8	932497	526612.6	3088020	700367.9	2391319
3164561	831037.1	1239287	1815095	1731732	3061826	2321281	3231578	1983697	2842086
474968.7	354644	3406.74	5116.616	8265.163	21694.82	123785.5	957984.7	224345.9	450537.2
8222032	5422580	409424.8	605631.4	525439.2	3211852	2812157	2819802	13772596	13219923
465787.4	366858.8	5409.032	2698.34	0	11295.72	11450.17	380555.4	39739.09	257538.9
2716259	2082897	36424.52	24499.96	58160.64	53214.68	382877.2	5322740	651733	1332925
1361290	1045862	50499.39	43890.96	61295.65	66511.22	34271.99	856339	234740.7	814695.1

1235690	191683.7	5905213	9022288	5273170	2707175	1550022	1123905	1520989	1082318
1679130	297647.4	3278457	2336758	2165929	2594102	1675490	1309196	1585337	2056660
8510389	6663529	181243.6	223635	231204.3	147607	61716.84	13400584	163531.3	2460653
13375.84	6397.905	100755.2	60399.92	302493	244333.3	60901.32	19093.84	14180.52	6831.372
281873.6	185344	0	3540.346	0	0	243620.5	467931.7	96275.05	472522.6
541478.3	420525.1	8582.13	6558.555	7658.271	47496.62	12174.73	981301.8	15016.31	216496.3
273227.8	206546.2	2651.949	11042.73	13091.04	31960.63	18999.81	546797.4	14278.4	157996.8
184820.7	40299.44	302075.2	373454.7	289937.8	294683.2	154609.2	125316.6	209373.1	160604.9
1764726	1136785	104004.5	136198	1019028	106695.9	490213	2535970	99133.08	1087823
2209771	1742056	23859.68	35858.38	25176.23	69194.39	36365.54	2479845	17053.9	879266.6
1260442	194222.7	657421.1	1022589	793196.9	1303488	889601	1260033	947905.1	1270703
494329	362364.1	24165.75	28319.36	49569.1	93282.16	25691.38	668994	40548.22	257433.3
250641.1	197649.4	4839.927	0	4635.679	3311.113	10980.46	338542.6	21085.84	137191.3
1899670	1399498	157495.5	141010	176794.5	197117.1	128917.5	2054490	254702.1	955561.8
780788	328875.6	6541.247	5930.539	59851.71	136335.3	961264.2	1209789	372643.9	790545.4
268784.4	122475.7	85580.05	92111.75	90763.09	206856.9	120397.2	312927	138816.1	142978.6
7290316	5657772	227666.3	305070.5	235994.8	399418.8	194275.8	8492952	328435.6	2692538
363930.8	207389.7	4182.734	18877.43	41944.08	178157.9	284550.2	480585	60941.14	235981.2
1227192	734072.2	258479	411898.1	354202.7	326283.7	245690.6	1780834	262557.8	613268.5
3422741	2729840	60053.2	35360.89	21751.56	15827.96	64448.02	6540578	6152591	758368.6
65210.89	40690.53	25200.69	16060.93	4811.103	32031.01	0	24492.13	106508.6	90430.88
2453304	1936102	41854.8	34766.07	60425.02	95847.41	41194.36	2778846	17590.77	1007378
301312	142473.2	66184.78	66896.65	113500.9	246248.8	137621.6	436921.5	123495	172575.4
220461	175130.6	0	0	3649.795	14688.53	0	508624.9	41382.56	196211.3
2289256	1795785	65936.8	71141.63	70805.62	88595.52	35412.89	1591117	353687.8	1211593
158570.1	128148.1	0	0	0	0	0	248656.2	6166.672	32377.28
70614.29	45238.48	171346.8	52092.13	452214.3	350723	272761.9	131324	5533.896	59233.23
3872958	3015867	141101.4	173577.1	170144.5	184642.6	45731.4	2919361	439914.6	2118262
945438.5	541741.8	261607.7	98904.34	284349	289375.2	486589.2	1643278	300934.3	503292.4
7566186	5702266	491072.5	585079.7	323182.2	533200	664463.3	7624624	7523662	2819066
78591.66	63240.85	86161.38	138869	311402.1	297176.8	179950.8	139663.1	0	31548.03
343585.9	273443	11035.03	7890.316	3702.588	5895.284	0	732399.2	29274.97	149673.7
856880.1	691275.7	0	7029.115	3158.726	0	4642.961	381400.1	4934.458	1161470
10598676	7645658	1050139	1238111	1232746	1401670	858861.5	14647972	999764.5	4595382
876590.9	403441	372064	441683.6	475172.5	228145.4	403699.8	801910.9	307014.6	1201861
5583898	1119391	2954617	3807436	3907829	5606754	4035784	5983529	4114799	5229994
52326.65	30598.51	515249.2	888066.3	478490.8	194300.8	97257.87	56420.91	95863.67	24930.78
4229663	3114167	130980.6	171746.4	204323.9	826794.8	644230.2	6279266	337253.7	1943066
1549186	1209697	67318.2	67494.02	46757.15	69986.83	30099.67	997340.1	309052.9	971718.9
262853.2	119865.5	442549.7	253648.3	1047142	1331964	944093.9	251578.6	109139	255417.5
3890101	3025373	181741.9	242787.5	230595.1	89432.38	54557.6	4503002	128008.9	1519749
643577.3	538478.8	1191884	3932791	3145410	6509781	1498394	513153.1	169517.9	315399.1
37337.2	43949.28	195352.4	172666.5	769962.9	500438.7	177652.5	63864.74	0	5679.426
1050919	837476.4	10935.1	7811.101	16250.57	42764.11	14751.76	1253256	9111.724	390515.1
183108.9	148603.4	0	0	0	0	0	213220.5	0	59877.94
1626572	1262241	10898.45	16496.62	77858.94	60766.39	198435.5	3186133	852568.8	2685962
231955.5	175938.4	0	8732.275	10267.56	9695.564	50964.29	134561.5	48975.92	157822.5

42024.33	47018.15	102149.9	112628	420917.3	476796.4	177532.3	59717.68	0	0
1803336	1441755	6251.251	11234.44	19175.56	70992.65	32648.08	2450062	50142.35	647346.5
262379.3	224953.9	738976.2	974550.5	846797.7	630555.2	149221.6	101707.5	575041.9	427049.9
1463486	1185278	3314.361	5352.877	4796.856	8147.653	0	3363169	92807.59	1142428
346035.6	148236.7	2981.194	0	6146.61	0	442455.3	459664.8	138443.9	249965.9
128344.7	46936.26	229711.7	321261.2	231883.2	271307.9	98063.39	82919.03	169973.7	105923.6
300791.1	147822.5	93802.67	41785.18	119162.9	35311.66	279759.3	373394.6	55277.51	280544.5
428027.2	333656.1	20419.1	46112.71	5870.914	4213.689	12858.39	672462	44672.67	80920.24
191077.2	153310.8	6762.78	0	0	0	6137.834	358079.8	0	62365.89
128594.4	31690.19	149391.1	242012.5	195741	220189.3	131253.3	129079.9	132145.4	77306.39
104259.5	81954.13	0	0	0	6405.313	12376.33	159322.3	6397.064	57232.64
491780.2	368100.5	0	8172.064	11185.62	3331.114	202290.8	797708.6	237358	222101.7
319155.7	246421.4	4875.396	4808.443	0	38637.03	38131.28	413284	8512.821	236498.3
7386094	5914487	118499.9	186923.7	141346.2	153676.2	49689.42	14238923	205454.5	3004849
1067580	636459.4	236857.2	319888.9	289767	360885.1	234719.8	1683228	256076.2	517459.7
366165	265197.2	55781.79	53238.07	23697.2	35440.28	37734.68	595080.6	38530.86	228626
2595670	1506824	9029.044	2419.369	13896.74	1364350	2129244	3245353	1374165	3134433
4848820	3842887	129337.8	174712.2	151052.6	188086.6	42884.58	9867519	72591.99	2053808
11988797	8245085	507749.8	766291.1	868957	4220466	3531179	3317272	20541166	20245075
16830.98	7810.073	953298.7	2307074	1230850	681804.6	30485.7	29907.13	11721.33	10657.78
3726854	2186938	46706.75	22469.82	110667.7	1285839	3410923	5309711	1139743	3259219
875708.5	708654.1	2867.179	7943.698	5692.385	13749.19	12770.26	2018765	86594.96	660564.7
620920.3	504677.7	0	10330.76	0	5070.147	3233.623	757801.5	0	216597.2
974885.6	777722.4	973673.7	1665321	2276507	2760607	3193886	1651105	395820.4	520326.6
106882	48328.61	277289.3	161086.6	260525	207961.7	94361.29	97156.33	80527.08	46570.27
680671.7	471911.9	60231.63	45882.03	30097.62	281419.8	131948.6	610450.2	86847.62	401700.1
17049509	13703490	277421.7	379714.7	324820.3	424933.4	142084.7	18936693	270043.7	6193137
9511919	7785240	0	5188.411	0	0	5832.4	18391436	7302.64	2753962
663321.9	538062.7	2893.458	0	8474.486	7745.434	11689.45	967173.2	10020.47	220778.4
11152.97	5331.343	44751.85	48686.78	200002.4	186468.9	56206.37	10147.05	9996.319	6443.731
366274.5	279393.8	994206.8	2514865	1355621	803865.4	651931.6	497100.3	175684.5	185799.5
3048334	2419812	5680543	17936841	14230613	29553899	6556568	2749797	937605.3	1409722
1629759	971182.3	3076103	1742172	5282364	8431303	4837837	2602249	227233.3	1484926
292763.8	213139.9	46537.85	46147.68	18280.76	37247.93	17016.45	286994.4	22489.93	155936.2
4526658	3472138	310835.4	389350.9	316585.4	285819.6	154165.8	5490200	72968.49	1760850
3009182	2060674	273736.5	520445.2	902601.7	362607.3	460920.1	2925161	251002	1850425
255109.4	97626.8	514167.1	644610.9	645524.7	980253.7	192847.6	280690.8	121926.4	235266.9
1271012	463406.5	9596053	3510738	7590206	3019059	2200527	1698974	1816377	1035588
45912.27	57424.56	379258	365597.2	849170.1	1572705	314856.1	53394.11	16274.61	9773.813
19582987	16010688	93477.84	108617.9	97523.36	69978.66	62030.92	24247431	506610.4	5053256
11725.79	23276.63	170844.8	136005.5	374407.4	735056.1	171214.2	0	5481.741	0
952749.5	574683.9	3796.026	5794.444	12775.35	421415.3	780791.6	1442375	524813.5	576012.5
755152.8	497703.8	3431.437	7329.511	63198.89	253037.5	466813.1	648465.8	397417.3	1570012
458837.5	314568.4	32257.4	39080.88	19948.07	151329.3	157839	623799.7	79978.73	178482.3
71057.37	55809.56	0	0	3377.673	3304.142	9826.399	136716.3	18836.18	95607.88
2742655	2180506	31250.16	45820.97	248558.3	22722.83	119971.2	2319260	306576.7	1735551
2799299	1770844	679246.7	945529.5	855093.3	404675.1	407158.4	4269925	160032.3	1995467

710492.9	574076.3	11238.06	36864.11	6325.107	12194.66	0	1175297	18271.52	151732.9
681277.7	351390.8	194385.3	134137.4	253076.8	181262.2	534442.8	420590.5	1041241	491152.6
335289.4	187706.9	0	0	0	258335.1	228744.7	397803.6	207960.6	167957.5
175344.7	137269	0	8406.659	38012.16	0	0	352327.1	0	153561.3
1910930	1329946	153048	214428.5	180249.4	484009.7	480814.8	536979.7	3198023	3378377
9191490	7544099	20951.22	23507.74	50090.72	33146.17	53309.07	7110145	721050.9	5330823
430484.4	142067.1	125007.1	241825.2	206541.2	309805.6	378278.7	365244.8	262882.5	367375.5
889883	536718.5	80340.77	89941.36	80238.33	409639.4	575810.7	1259458	486890.3	442794.9
657037.9	540944.4	0	0	0	4563.563	0	939876.4	0	195749.8
792036.1	587601	62084.04	84399.94	91769.98	86049.2	73356.7	1012387	46693.22	421463.4
9941333	6890284	1543657	1031362	549886.4	1033965	4204788	3856720	14746281	3099568
3176456	1049772	804899.1	1424611	1631557	2959712	2252540	2734673	1817992	2886841
1287047	594814.6	49742.41	232415.6	328085	995182	1012205	980232.7	586365.3	1050308
4364755	1448656	713061.8	987371.9	1132926	4045604	3825569	4688748	2665865	3099154
136872.5	47091.23	388539.2	280839.8	850416.7	686862	177409.5	135697	199792.4	71660.97
10254955	8408362	118202.3	153013.2	80797.09	16947.09	26209.67	23739170	758243.8	7134034
340367.4	226718.7	0	0	0	9450.455	305948.5	627497.8	53975.21	275172.5
4183549	3453206	3896.686	10873.31	7642.807	8422.477	9927.037	7925519	47231.74	1737342
192386.6	95619.62	27206.58	37967.5	19235	147655.2	136428.2	177046.6	147876.4	81485.95
871275.9	717330.8	5034.181	3718.793	3927.295	8339.556	0	1571506	0	294615.3
14985.74	9942.678	36547.32	219123.8	232510	243176.3	19343.71	19313.68	27053.76	12623.46
471616.2	389766.7	0	2810.688	0	0	0	959019.9	0	154391.1
830232.8	585971.1	125278	142807	142952.2	191019.3	18888.89	1077472	85621.42	408604.2
110615.3	89432.42	0	0	0	5150.361	7856.154	146375.5	5378.186	64059.47
619309.4	511256.7	1952.981	3577.465	2804.613	0	0	744284.3	0	199693.3
258769.6	198338.4	11166.97	14602.34	22795.7	27681.82	19949.45	384941.1	8154.124	88469.34
650627.2	328034.4	150005.3	142709.8	189701.4	288398.8	518649	1101632	263443.2	412010.5
419075.9	342943.7	9492.385	3970.492	4835.944	0	6704.742	961348.9	35958.49	342708
459842.9	214642.1	4223.492	11286.47	5254.426	0	580317.9	816331.4	246608.8	412092.1
399598.2	307077.2	21653.09	37620.63	41572.62	38019.8	8990.491	392710.6	16410.99	251112
162183.1	83499.31	7197.636	16085.39	9930.73	25512.22	183367.7	173307.1	134970	295658.9
5551106	3984413	902033.3	1008561	1052867	500221.6	320025.9	2517408	1215259	4784757
16117774	5223873	3430302	6675309	6750110	15451496	12339430	13306109	9343620	15523132
776153	510614.8	195897.7	257546.4	244797.6	82921.55	46567.76	740557.7	142837.2	426885
2595315	1967091	234070	306140.3	236941.1	174887.3	178338.7	2492809	365181.2	1274537
71507.38	47223.58	191986.5	98112.47	225499.3	483733.2	212038.1	101569.4	7113.07	37358.87
4187651	1157691	1240014	579004.3	3118141	1373335	4493895	3935938	6128914	3203158
1337388	1056509	58525.6	83290.4	68307.48	97770.65	23048.04	1607245	62096.75	436654.1
100363.2	79420.73	3648.723	3079.534	0	0	18362.72	214667.6	10680.15	50165.58
6621.457	6799.458	110637.2	438764.2	226035.2	444963.5	0	15383.71	6578.373	0
307559.6	242492.6	23052.14	21782.32	25059.72	10223.81	0	409669.8	23764.02	122556.7
935369.1	774671.6	5782.203	3648.854	3621.594	5310.393	0	1714504	0	320722.9
9963859	7519780	882523.3	1202151	983228.7	1119728	474199.8	14286438	350631.7	4721184
2158594	1532192	278943.4	248042.4	162144.4	340115.4	584973.4	1005365	438414.1	2043482
5286173	1391398	1948405	3027768	3279738	4931788	4160262	4837352	3813476	4366030
1254736	829356.2	200952.3	237248.9	266765.7	402150.9	197985.2	1578851	153671.8	688336.6
151939.9	72514.65	271066.1	139781	465720.6	557369.7	305017.4	180348.6	106856.2	92624.82

153594.5	78989.03	447617.6	452215.8	420712.2	111019.5	245037.4	93198.08	199113.7	79702.34
2386105	1566723	298768.1	269770.1	330910.4	1045546	667398	3189611	488369.5	1055157
2913564	2323643	0	2275.39	2682.217	153985.3	499934.6	4898357	447108.2	1992121
90470.86	70101.4	0	9433.739	0	15649.92	7728.494	102073.8	52464.03	67081.88
129361.9	94871.49	0	3755.302	6348.476	13814.77	60603.42	159396.5	6854.568	149655.9
236134.9	196486.1	0	0	3032.725	0	0	518587.4	0	115133.8
6296471	5085050	136617.8	61024.19	385832	93014.95	339612.8	14202458	4548687	3672522
819500.4	683316.7	3084.751	0	0	0	0	1042062	0	191843.8
40326917	33419369	98913.4	67682.22	529079.3	423685.2	290115.5	27369904	69053567	3640687
367697.9	276995.9	28203.62	19049.4	25165.17	66361.29	42326.83	28274.26	705205	576078.5
256038.6	181818.8	16396.08	11237.31	11248.85	151371.8	16854.02	304698.9	22635.98	115637.5
993148.8	650871.1	236654.7	260002.5	201318.5	212132.5	164220.7	1410861	46516.65	599107.3
799292.9	665362.3	2773.819	0	11023.98	5920.782	0	1837194	20821.57	580113
153270.3	54884.98	61692.43	93647.31	39869.82	111483.5	124152.8	183500.9	64837.18	135223.2
2928634	2332074	75914.25	116169.6	121400.8	344931.4	72073.06	3814549	185698.5	959216.8
793816	493779.8	100482.6	120960.3	152118.6	320312	360897.8	875802.8	150628.1	448909.2
4073282	3314925	16257.39	13271.59	28058.76	198016	355592.4	7793504	0	1215622
50780.79	15708.75	296125	483411.9	1837726	819639.5	495689.5	42742.74	31303.67	59761.29
94801.99	76416.5	0	2747.387	0	0	16681.53	118384.7	7991.845	55388.69
989155.1	768137.8	71265.25	162251.4	27723.58	49334.5	61968.44	1768081	103711.7	659338.8
30290.78	52978.97	145583	144167.8	404716.5	835425.2	303320.7	0	5976.131	6501.317
8476216	6970632	128125.5	186620.2	151246.4	298930.6	130877.1	9543820	136298.1	2811976
38938.48	17425.75	116142.5	69462.84	258614.2	67117.01	145708.8	39668.78	35220.86	16209.78
742764.5	456040	11765.64	37333.48	29431.04	197297.5	674561.6	1047824	196639.9	608425.4
798716.2	667236	0	4733.13	4351.196	13859.09	0	1622907	5997.364	235973.9
520077.8	279055.7	5771216	5603657	4780002	1366622	267516.5	735201.9	853868.3	520922.7
30706.94	24132.33	127596.8	39002.36	203029.4	71616.23	83944.26	60077.59	0	12957.98
3490081	2850131	53131.12	57501.26	78644.26	249865.5	63010.31	3540712	236532.2	1314302
935133.9	776170.7	24994.44	14397.81	17334.33	3607.237	0	1481950	4826.328	200580
9482.4	11441.81	127496.6	974203.8	576012.6	786868.8	26281.62	0	0	7791.928
377096.2	240433	118093.5	119513.2	78630.88	31897.06	116327.1	512876.9	60867.58	213926.2
42495.76	39330.31	128669.8	76181.38	228549.1	139781.2	50706.27	39185.82	0	36918.79
523229	304764	158447	165335.5	158798.2	194634.8	130961.6	792080.8	82628.02	335822.2
571200.6	475343.3	0	4186.381	4958.301	0	26143.13	1312231	50958.63	402262.8
17826.92	13000.49	292185.8	443422.7	110821	240209.9	3694.633	37771.05	8114.285	19708.1
69542.66	38142.46	211597.6	147593.3	491161.7	121745.8	237381.5	122410.6	61588.6	67983.31
1439598	1173408	59528.38	42542.85	46147.28	67731.75	26215.2	774062.4	253010.4	812016.3
2160663	1823296	0	0	0	0	0	2685545	5956.128	469833.6
1100516	477597.2	1754781	2337090	2089315	2238880	881336.5	1754395	1179612	410510.3
315080.7	234658.7	4961.733	10515.82	0	26118.39	160581.2	543908.8	122227.5	148225.7
5784192	3760519	943437.7	1179507	1262461	1741961	1556466	8060354	1196256	2236552
3068738	2536814	83507.82	116711.9	70194.97	36528.55	12583.14	2707404	271841.6	1682727
359354.9	148252.3	107816.7	12672.73	40509.81	313466.1	299535.4	406031.6	313016.9	407678.9
620753.6	499049.1	0	4996.497	13498.63	21272.72	114896.4	646057.6	38500.36	495547.9
716441.1	597219.5	7181.833	14627.65	11492.19	8331.973	5406.788	1108308	11186.42	271016.1
336939.3	343819.8	950200.4	981498.2	587333.3	1002609	381151	89740.9	908554.7	80492.1
639946.8	429069	197014.7	183302.4	160791.6	115016.6	19836.72	671286.1	89194.45	446457.7

157536.4	97765.09	7404.425	6709.303	30045.88	145819.4	8446.962	222977.4	62981.96	129764.9
1334169	883353.1	24147.03	7873.782	46333.78	774652.7	648198.4	1013038	881579	737440.9
134436.2	50090.51	1052030	1873410	1031038	417432.5	184108	77496.6	199447.6	105554.3
1500172	243384.4	1755654	1973376	2199156	1928063	1464950	1589721	1710256	1296620
988371.8	598417	9292.251	7080.785	8490.721	6708.895	1078680	1721891	183852.1	707661.6
27517627	23182357	169249.2	177183.8	178029.8	14624.16	24588.89	40699.42	36212076	30015607
554086.2	369727.6	3283.517	0	0	336140.8	266526.2	517352.2	120702	357471.8
214499.7	71490.1	3798.218	3585.245	4752.013	31238.07	287690.3	317762	193037.7	210201.5
3073835	2425944	164748.4	176952.6	155162	381916	178111.2	2422857	420690.1	1596388
4803746	3496243	625227.4	777733.8	760486.2	724882.9	514453.8	8447876	582094.7	1914466
231660	107873.4	469859.2	207690.4	1714504	1441921	1045878	215838.2	208916.6	78662.28
178914.4	133693.6	13923.21	16087.47	12930.42	14531.58	52167.77	233499.7	0	80660.56
309222.3	258902.6	16773.82	0	0	4458.867	0	597864.1	0	130368.6
2620106	2164979	45477.73	74982.61	64594.3	136117.1	36512.46	2905348	185964.9	974886.5
1183278	1003840	0	0	8129.99	0	0	2099823	22918.22	528344.5
18013006	14445173	1228891	1106902	608770.9	890480.8	1218913	11238335	25162523	7017496
2465.429	3459.205	79336.57	111353.8	309080.7	303354.5	10048.01	0	5096.599	0
523506.4	402496.8	25474.27	16410.67	39203.45	163342	16573.65	395289.9	56707.97	321084.1
1592807	1168866	123793.5	27007.36	127812.4	394521.4	456580.2	242890.2	2525807	2786444
910515.3	372679.8	124484.3	120355.8	159510.3	617609.2	938341.4	1111818	258807.6	1166266
36257.24	40303.08	201639.4	214845.5	523147.8	781204.1	103393.7	23285.5	15986.58	0
223300.6	83015.65	1316486	1842614	1083544	562408.1	152979.9	266781.3	298617.4	131324.9
188452.1	162891.2	879146.2	540759.4	2143830	496319.9	804540.5	451039.5	55131.21	216173.1
10342497	2924014	2848656	4921418	5085861	10428955	7936640	8637493	7011978	9503232
520023.7	388731.6	0	0	0	139009.6	204965.2	764476.9	268093.6	256645.9
292269.5	190855.9	38074.39	83904.26	60683.48	121332.8	45376.38	379440.3	45070.53	171431.7
170901.8	75371.1	48558.31	30984.66	67765.84	156525.1	95509.81	69301.73	256380.9	122549.1
58639.7	7558.923	589018.4	818860.6	745794.6	143417.3	52481.88	55025.03	53845.32	50918.11
817164.5	620015.6	75737.84	175459.8	70591.43	133658.8	8118.03	932219.9	16414.06	361964.5
1517557	972249	324083.1	403485.8	400229.2	535948.6	247579.4	1999844	302957.3	701991.7
786058.1	633827.1	52825.73	46308.18	4487.588	69907.18	48953.15	1455766	12787.65	268561
2862337	2285089	145909.5	203886.5	181373.2	118817.5	292480.4	3017860	167565.2	1046519
7937915	6556305	195293.6	243322.9	236108.9	424352.6	231625.3	11231525	352962.5	2746418
610595.2	496197.2	36453.58	47850.01	18712.63	17480.12	31007.15	901963	58173.55	401641.4
36393.1	37106.53	391713.4	654174.9	774628.8	1724323	150477.1	23984.27	6748.613	18285.96
130405.3	95244.36	3698.892	4532.236	7366.626	7313.076	79061.51	233366.5	66590.27	77939.93
980025.9	837911.5	3841.272	0	0	0	0	2048626	0	271787.8
1196246	707777.4	0	3573.319	0	72105.96	1344371	1339764	81038.64	1193554
9173374	7743182	131188.1	163808.9	158634.2	152393.1	35156.91	10361302	367021.6	3845069
2408261	1865321	185955.4	170244.9	75407.46	449646.4	279560.6	1493519	302046.8	1508084
383088.7	111493.5	119593.3	68836.04	161771.2	394153.1	305060.1	377873.1	423901.7	281103.1
1881665	1037074	238503.2	277024.2	209356.3	895657.8	1637372	2527860	1008153	2187576
2278705	1653743	209730.7	241740.2	212531.2	798438.3	333290.5	3025098	171553	976350.8
902671.6	652573.3	160745.2	199340.7	151584.6	109045.1	94835.51	749882.9	162241.6	487769.4
628072	94288.17	538419.7	305319.3	600976.7	462856	513268.1	607484.3	635172.1	491685.3
753257.3	640826.7	2253.668	3385.32	0	18705.4	10857.16	530677.4	98403.16	412898.9
677025.7	221967.5	1080317	1417885	531106.7	1288924	1104684	571820.7	824002.4	353170.8

736189.1	476893.4	163932.3	217863.1	193533.8	199700.8	132962.4	736169.5	149150.5	384121.3
822236.5	689522.3	30842.72	37899.62	7804.591	21219.13	8060.167	910313.7	4913.644	262678.4
714835.1	573950.9	2379.441	14922.18	2612.11	29716.46	205635.7	1089709	128629	468804.2
3536684	402384.3	28702.68	30465.66	87748.16	3559592	3297527	3787268	2884524	3426926
2082902	1768430	8130.513	11479.8	54090.92	15244.77	57097.92	4183405	412323.9	1278757
501332.2	270218.3	9908.013	4388.187	12181.86	49365.78	598181.4	709213.6	275550.3	672969.7
1089057	824714.2	55859.82	82625.47	65384.37	265925.4	201288	1487377	65399.67	514427.3
377923	290681.3	26941.5	19939.38	136090	22525.78	7291.557	511178.9	20761.02	116787.6
5433381	1077322	2387621	3045642	3709403	5677916	4237608	5626044	4095313	4708596
1518740	493345.4	69195.37	28738.97	138931	1452718	1424841	2233601	1247092	1219303
32447284	4709357	21243079	22609391	22394757	35095543	24716491	35916729	25899875	32767805
545251.1	99485.62	79439.32	85304.36	120615.4	432960.8	612138	580976.3	484234.5	417816.5
301491.4	254817.3	0	0	3651.444	27193.68	0	348129.8	41409.6	105446.2
1926819	1608713	15621.13	18765.93	7706.707	191345.7	85689.95	2268912	8693.037	524537.7
164733	141633.2	0	0	3471.402	0	0	216874.2	0	32092.98
645277.9	554554.5	2997.761	3052.77	0	9432.093	0	906187.5	133037.6	622971.7
111954	79157.09	19613.68	34485	47309.77	4404.713	0	207794.8	4999.956	64999.78
1833886	901803.5	202720.7	412776.7	499929.8	1337382	1382614	1287344	835418	1482026
2980745	1695268	679663.1	888800.6	834611.3	1586264	1176960	1351056	4243603	5051199
261952.5	181347	46578.66	33275.87	34831.56	37909.02	115753.6	368271.6	40473.5	128915.2
1355962	795565.5	406514.3	579186.7	749017.9	410083.2	87555.82	2005732	279345.6	792583.9
2333116	1604531	426495.3	548069	478217.5	557070.2	387367	3190849	370880.2	981870.3
9313.245	18563.53	0	34411.1	183314.2	137292	187645.5	0	0	4205.703
372570.8	230583.2	0	0	0	8348.632	410440.7	636520.3	71281	306601.8
332623.4	276068.2	10067.71	40093.83	5061.404	8173.739	6774.386	609959.7	7258.408	77265.15
955818.5	815992	6164.436	15793.46	8952.848	34753.34	6155.991	1466844	67738.36	231052.8
1166933	795941.7	196354.3	232373.4	154264.8	634806.3	75876.4	1988115	69404.87	619384.5
255026	182808.5	0	0	0	65915.42	166306.5	493314.3	0	261381.1
152893	126454.9	3027.7	7119.692	17545.07	4693.115	4678.275	263346.6	3966.962	44343.32
631707.5	354888.1	218557.6	112925	185916.8	367917.3	251627	1110940	322286.7	239703.8
1243599	961842.5	124549.9	224709.6	160400.8	151136.9	32429.44	2442902	112504.9	634655.4
27754.48	35004.37	193255.9	271447.7	460836.8	859895.8	90544.04	41258.81	0	5842.188
32084.58	48513.64	177176.6	260118.3	811534.8	843724.4	112424.5	33068.82	0	0
150228.4	71025.76	41411.33	37676.84	44620.24	100677.3	116593.6	157399.8	135230.6	66416.94
2366930	765427.5	750165	1263044	1300884	2173439	1731345	1985286	1424066	2132894
3450959	2766185	234414.5	263482.2	267901.7	305065.6	296603.8	4144171	274440.4	1343533
1162747	997059.6	47869.93	34377.06	7219.968	0	0	2515752	93975.68	412876.5
5789.477	5846.24	22276.56	160895.9	133218.9	128763.7	0	0	8599.952	0
312439.5	268540.7	0	12069.89	3560.081	5042.523	0	496721.7	0	44438.11
1530303	581427.1	682011.5	861437.9	959878.2	777486.4	1063709	1686878	1854872	2015306
1359097	992112.7	226283.8	280427.1	281695.5	144427.5	178631.9	2020726	61798.66	928466.6
591380.4	384861.5	113862.9	125604.9	135036.8	282148.3	107622.7	142149.4	584883.1	1081509
10418097	8988292	102673.1	135244.1	133084.9	159865.8	46055.69	18212225	115071.3	3281622
3103500	2454308	243150	316296	295618.3	361238.9	239772	3409627	250344.5	1056646
9965181	7251232	1675576	2274720	1863595	1678669	834014.7	13705694	465389.1	4716104
2765278	2111069	296243.3	333539	423790.8	399607.3	280789.7	3936257	327604.2	875072.5
7849630	6711239	145679.6	180414.6	171628.3	183221	120557	7719036	256251.2	2788199

1629447	1389369	6951.312	12050.23	4357.166	8730.654	161333.3	3738173	177752	1041181
4798930	4081529	116547	106469.6	44449.88	64703.69	296920.1	9449122	936857.8	3278163
3401591	2817749	194398.5	197057.8	158513.6	291007.8	58663.99	2442975	370546	1519924
489589.2	384305.5	17746.45	26252.63	72559.2	24491.52	114872.4	948886.3	108378.3	456961
4842050	4070929	10108.4	2944.623	82152.81	436423.4	421813.2	7533509	832629.5	3659527
244800.7	85877.99	9979.118	14096.88	42557.58	186927.7	265312.7	336249.7	197203.1	209606.2
82284.64	66298.17	0	3550.293	9694.18	0	20862.57	146272.8	16219.66	7102.335
857289.8	427232.3	169860.6	149614.1	216301.3	649741.6	618042.5	1005758	766212.2	270691
128058.5	104645.3	16722.35	7870.287	6656.727	12379.8	0	95229.09	0	94562.43
701252.9	410227.4	5781.488	5996.932	3497.254	116228.5	788831.7	841652.9	494964.7	1047288
2434290	2069302	44638.68	43430.32	48195.95	186399.4	50111.49	1393059	313396.7	1400589
188431.9	143075.7	3113.561	3624.804	4219.102	12449.08	111178.8	278875.2	244449.8	340140.9
3380608	2810147	263342.7	282755.4	248964.4	56368.67	33013.89	310251.5	5820291	4245501
240973.1	125524.1	0	4480.79	0	0	306150.8	350572	58194.1	264554.2
737509.8	119541.6	577636.8	474925.4	576293.8	739663.6	577465.1	731839.9	645293.5	646739.7
491264.3	214675.9	205233.2	166748.4	194636.7	135011.3	485519.4	565641.6	622582.6	234596
764354.2	470897.4	221274.4	296346.9	242722.8	274221.7	115253.2	1233310	179471	358010.2
263250.9	110295.7	222393.3	430750.9	453961.1	757581.6	730221.7	168720.5	149715.1	380673.1
91933.95	34854.98	119207.4	140103	115155.5	221177.5	133589.1	152217.9	78369.01	68806.15
346818.9	42826.33	547242.6	643068.7	677837.3	584887.2	247462.1	342902.3	347981.9	277947.7
406110.4	255853.1	137684.1	120971.9	126469.7	138447.2	55717.63	563678.8	30574.08	247611.4
289555.4	254377.2	0	0	0	0	0	438572.1	0	37983.92
454882	387147.9	2726.997	0	23441.41	0	46137.71	542065.5	39184.89	62574.94
1155790	340764.2	366349.3	769419.8	543525.9	1061405	908253.4	1007613	782792.8	958711.5
742665	409256.9	50993.98	68244.7	160615.7	463255.3	592525.3	490224.8	329075	552015.7
718756.5	411608.1	10382.97	0	8384.779	16353.59	860393.8	1047628	38499.91	663194.1
293796.8	236914.5	1268379	1122819	2734668	5211766	1135905	423559.3	124302.8	117195.3
7330948	5797900	203164.1	276486.4	345665.2	1533000	1437228	7740950	421111.1	2634476
217572.2	183665.9	7029.996	6440.362	14725.07	0	16766.08	475030	42671.59	90527.89
742335.3	629206.7	14223.23	32155.71	17736.17	54500.42	20806.76	964958	8692.892	198447.6
82622.02	69138.95	5400.925	3424.951	12995.66	0	0	84747.71	0	53724.8
2057084	1612309	5762950	4230278	9035421	1374266	5957389	2127793	0	4502165
585008.4	253186.9	237313.4	279098	474754.7	117281.4	372084	854633.4	265026.4	765609.4
770160.9	517193.5	118572.9	84781.76	123008.9	229748.1	393083.3	1162146	360465.9	574115.9
484936.4	417510.2	2725.692	4664.477	6086.303	28257.62	22326.9	342422.2	37895.57	236822.3
89720.54	71825.02	28599.44	5790.998	2801.472	0	7166.538	98903.76	4557.475	67266.4
2941585	2265559	427925.1	492006.7	405726.5	456722.5	132356.9	2247105	473166.5	1543335
653613	452434.3	2491.95	0	0	76180.35	592670.9	659719.4	53215.99	375779.4
1914361	1453982	314533.2	124668.2	209359.5	561564.1	173817.4	3791242	272507	900419.1
96455.4	129826.7	303591.9	252536.3	241347.7	554048.9	121140.8	76082.71	9748.318	18556.19
1198059	633304.3	58190.67	41915.27	46615.55	240069.8	1428472	2168182	1158370	1219941
13137540	10987034	158832.9	139402	82662.19	1702422	1676852	7469806	10093409	10657773
2437582	1962689	8035.25	38834.92	7489.112	288003	832454.7	2789582	330951.1	1792328
24269.11	41950.99	67501.85	73481.7	182497.1	256175.8	48269.48	24464.23	0	0
6381474	4150744	139646.5	895128.7	3323181	1025931	3322470	11458104	632122.8	4153890
16407478	8686692	3909.048	15610.31	50325.31	592763.9	20800467	22832449	1487067	21605119
1693270	1370063	133816.7	190919.7	152441.7	184191	82852.5	2149504	136987.6	530524.1

90388.84	80168.46	0	0	0	0	0	97554.79	0	22425.97
100645.5	88160.69	0	0	0	0	6369.318	87878.98	8402.413	35202.9
604633.7	336986.7	11873.37	4004.82	0	21717.67	741908.3	971755.6	94079.13	476631.3
1514921	782138.4	252435.4	195951.5	152397.2	1698863	386254.1	2051793	761587.1	565687.5
141070.4	67542.63	45408.71	104065.4	7218.254	69158.19	92849.6	259392.4	109032.1	123844.4
716804.1	633092.9	0	9776.882	0	0	12487.93	1477773	4552.553	228653.8
23802.78	12576.83	125199.6	55969.65	226460.7	81355.79	43812.41	39139.56	19931.64	9880.351
3403113	2952419	3057.119	33601.07	31379.94	238385.3	117329.2	2979732	86067.52	1286008
1669965	1170908	0	9565.78	6477.553	86995.79	1543532	2062786	77017.6	1493427
83425.29	15260.8	88544.67	451334.6	435417.5	716411.5	151352.5	69570.65	86071.63	101264.2
1267174	631207.4	164558.9	332135.3	324733	1003698	885714.3	906138.5	635788.8	955245.4
119076.2	37481.29	113576.9	167112.8	199409.6	203072.7	160248	80484.67	134347.6	77516.73
4742666	3956136	230608.8	274536.4	253521.2	606641.2	135282.3	6874161	175355.9	1491002
265564.3	233553.7	5142.866	3100.394	0	0	8513.949	322629.4	0	42441.87
15242.89	25175.8	69608.18	195443.5	334425.5	638348.6	117750.5	9228.542	0	7336.811
369276.6	240714.2	54023.17	3175.145	50420.33	304013.8	80584.35	690712.3	163077.5	346014.8
282213.2	35501.59	0	6041.034	42028.62	0	397242.9	268780.8	310301.6	256250.5
688600.9	415826.8	0	3803.513	0	26495.11	801638.1	1075322	26481.79	872834
409543.2	303868.7	86859.29	111598.4	68649.21	60743.51	19506	819244.3	52431.7	189267.9
84918.4	58801.64	24779.45	28170.65	17851.55	7395.227	17691.82	119345.6	6208.449	46848.66
280264.9	249389.1	0	3393.365	0	0	0	349374.2	0	37784.12
2579562	2130417	173004.5	204282.3	202878.1	140247.2	238246.1	1911144	352967.4	1158226
523657.7	330785.1	201115.5	238832.1	206725.8	85127.52	47487.58	408343.4	216094.9	1084988
1373999	1116088	149707.2	192739.1	151136.3	90593.37	35115.14	1892393	69131.62	281199.3
1046268	928985.3	7664.816	2712.734	6608.112	0	10181.83	2319600	19737.45	414020.2
5219572	4509013	226363.6	184664.5	278227	24272.3	134996.9	114906.8	7839140	5305184
1678000	1003334	133500.6	53758.21	368734.5	1144287	1041014	2891731	354060.4	1129863
167670.5	143966.2	0	6537.952	4773.804	0	21669.7	342707.5	0	68039.61
46323.92	22357.68	60901.4	101637.5	141169.4	282844.6	115571.1	42024.13	27777.52	33631.67
779517	256950.9	234554.6	434164.6	476674.5	671453.6	588923.2	744179.3	468971.5	634032.6
6382063	5558769	139188.6	136048.2	177423.4	206568.4	142253.5	1192623	15106012	7253737
1425948	1093538	271886.3	337587.9	247092	102014.6	65221.37	1786008	80378.9	483860.3
2320254	1353447	180227.3	138945.8	149853.3	360459.2	2559527	3586337	326251.6	1593016
8434.983	8796.126	327285.7	492161	641624.4	1396799	33586.71	10097.16	0	0
3999175	2167006	143621	126476.1	231967.9	3459849	2937609	5098209	747108.8	2865614
1518230	1359834	0	0	0	0	0	2991014	26576.64	652335.1
1490629	1172710	0	2735.572	14509.99	138547.7	808157.6	2927967	360063	1631811
1436788	711012.9	309298.6	92201.3	390655.8	361498	1605006	2232938	1864575	578119.6
59854.43	52123.28	4660.348	0	3896.128	0	0	68237.2	0	12077.91
188685.3	168807.6	684433.8	725428.4	1861923	3247673	692056.9	293489.6	68516.22	44541.07
5763861	5115679	29833.59	55804.17	56394.26	116720.3	36698.53	6203569	8361.183	1257718
773975.8	684092.8	21902.05	0	2971.35	7458.401	24107.87	1577216	39201.41	343456.4
1944819	391882.9	1168526	649339.4	1069147	2088736	1538961	1913000	1522687	1852416
5212768	3700552	283226.7	486959.6	438077.2	2549472	1860802	1300596	9941527	7928945
459423.8	408132.1	2837.124	4060.513	4073.325	0	12637.41	1047015	55314.63	186171.3
7604195	2814769	1301809	3025751	2832831	6752198	6501211	6531309	4060040	6836108
325498.9	241661	3343.547	0	24044.88	128945.7	136733.4	539129.6	37149.51	197297.8

1145685	578171.7	3469.135	13563.77	36349.14	52174.62	1488670	1546306	123609.4	1308071
702563.2	619791.5	0	7487.486	0	14303.83	44124.11	1300623	135337.7	666398.1
5035466	3487423	1323462	1491971	1186120	1435345	398102.2	4369581	766735.6	3031205
92456.1	133903.2	330902.8	2728447	1384527	3596876	412401.4	16290.4	55117.49	30061.79
424686.8	89012.03	153759.9	358377.4	308403.6	377841.6	330780.7	433524.6	320811	360311.3
1359467	226641.4	950847.3	1147692	1115316	1292611	1003371	1408902	1018336	1262149
33659.5	13058.95	177095.2	277231.1	150737.1	85654.98	17968.14	53266.73	34904.45	16679.23
37805402	33292484	2038574	745703.2	327791.5	389306.4	944610.4	79374520	62340497	11827753
6938018	7939570	39363144	29961451	75055562	9668135	19189625	12715901	1496392	699133.4
2443882	2192765	9956.219	12503.45	15267.3	21741.86	4632.835	2644469	0	441827.2
278324.4	100007.8	110181.1	158799.9	144467.8	76381.59	290519.7	335795.1	122373.2	233085.2
2.64E+08	1.63E+08	2166800	1842151	4358495	1.57E+08	2.19E+08	4.69E+08	2.28E+08	2.63E+08
974519	597546.6	152980.5	46599.39	154283.1	780380.8	414917.1	1672089	403012.5	879076.5
4917243	4204378	46074.96	27651.72	55331.07	636042.9	565684.4	2614489	3917334	3657082
537857	452562.1	2912.761	8226.266	6886.386	109243.1	61618.37	1038094	28146.64	118974.8
209680.1	108914.7	10541.75	2983.731	9905.326	14119.06	266164.2	330505.8	76060.5	128357
2307562	1935582	12580.71	0	28777.69	95969.08	738244.1	3927304	491907.8	1609163
13808.93	12482.78	53043.15	420205.1	200382.5	239131	29601.34	13706.61	34087.64	9888.901
744834.6	664708.7	0	0	9824.367	8749.321	30825.09	1049208	96978.27	546829
177876.6	53081.53	43250.94	186208.7	25963.02	90383.37	139978.3	148990.2	127048.5	256962.1
997529.2	479346.3	175304.6	233842.6	233784.8	812660.1	767438.8	908201.4	394072.9	776059.2
11701607	2377651	6383548	8698788	7940216	11350802	9786559	10976562	9545513	11796264
1451734	1288081	6580.127	3178.129	109091.5	15582.81	5801.607	2907164	242703.8	1470881
291181.2	88956.81	457013.6	520742.6	510833.5	458775.8	224035.2	262126.3	379620.7	283462
367385.7	270109.5	57301.76	61453.19	54069.54	119023.3	55616.75	264231.8	59956.44	239338.8
163086.1	146142.3	0	0	3989.909	0	5844.421	363798.1	11766.04	72859.45
1033388	809385.2	128087.4	182397.7	158091	234424.4	10571.32	1912024	57129.72	451441.2
138991	114716.7	10627.29	8461.708	7744.173	14060.46	22205.2	117067.5	17188.05	55045.83
2559416	1746575	2991.174	3628.608	0	16126.97	2664655	5046792	115550.7	2492608
1675526	422625.3	1012990	1311518	1213704	950593.2	1525805	2132933	1198856	1485034
4153923	2147382	830705.2	314155.5	1147104	4238975	1673024	6421939	1815949	3719282
1519808	1293089	0	0	0	0	517817	3271255	0	793413.1
1342028	708930.4	752183.1	610014.7	377174.1	791696.7	313435.8	2412300	609800.4	790221.7
6025087	5321776	222136.5	211479.3	188833.7	184156.1	75298.18	7003678	1185696	4239173
317276.4	255456.5	49335.27	18032.21	43861.35	32625.95	39471.11	163724.8	46995.53	199179.7
1324419	1026977	0	3442.031	0	14644.51	979317.7	3018288	358221.6	683623.3
2059191	1865175	4092.18	5450.471	0	14980.33	30908.03	3608053	44154.81	628834.5
271019.1	168028.6	457242.4	582052.6	503511.4	424268.9	327081.8	182674.6	350713.7	66653.11
150275.8	62003.19	441883.5	259911.5	415295.8	283964.3	101078.9	148700.9	67006.83	127086.1
329214.6	232788.3	3499.965	4579.934	3994.92	65398.42	280939.3	303209.9	29127.72	214756.6
6787291	2405512	1343140	2712849	2795465	6656458	5313032	5558003	3643993	6573491
2143749	1803900	88915.41	138621.9	85898.48	476795.7	55901.23	2129331	90130.94	629133.7
1154397	672823.4	367641.3	486847.9	470636.8	435725	331090.5	1546635	408377.5	442380.6
10322.28	7506.333	36212.43	382621.6	117005.4	420998.1	80920.36	0	5275.978	17955.81
127303.9	116256.5	0	0	0	0	0	150855	0	16637.94
991729.5	744321.5	72498.26	105047.3	112807.3	329828.5	280620.2	1395813	29516.71	474365.3
28670.5	17896.74	104571.6	105179.7	58504.85	207288.9	31644.22	0	31134.17	38474.42

252708.8	201567.7	5067.265	2348.552	10474.06	93613.56	55230.3	231885.6	548894.1	330088.1
1487733	1245728	29475.43	32755.91	35743.1	261441.5	279368.2	792481.5	259569.1	789586.6
807136.7	636624.9	117277.9	159643.9	124066.5	98959.95	56545.74	1542391	46092.88	305223.9
198490.2	168696.3	17771.7	12592.19	6894.261	33624.61	0	337618.1	0	33076.94
7106698	4380121	512770.8	353909.8	1581957	4942809	4100649	12296038	1411351	4437189
96725.02	41588.13	66810.92	292295.9	343761.1	274587.1	136615.9	49577.51	119790	155195.9
512628	221012.2	594192.5	753770.8	650553.9	1043092	851117.6	864335	457088.2	470815.7
1248957	841145.9	133525.2	106415.2	179427	785618.7	473665.1	1428125	175099.3	720729.4
390150.6	331005.1	28122.11	9199.34	24725.82	39463.34	41087.85	672050.6	42210.59	166996.2
13286413	11899893	206669.1	232282.5	311426.7	498666.4	162550.1	8035014	2083120	6174431
780467.5	401559.8	82890.77	94267.62	247688.9	570425.5	625066.1	534663.3	344904.5	622845
708625.9	619089	21407.45	25446.19	19740.42	79487.26	16936.76	727699.9	19833.21	327546.1
687108.5	620029.5	5830.431	9750.628	11523.12	16825.22	5446.44	1498375	16692.68	251148.3
2125864	1580788	406381	434217.7	400729.7	524436.9	237833.3	2362681	314075.5	852893.9
322182.4	290414.8	2776.563	0	3155.881	0	20056.08	420897.2	55043.01	294498.5
851256.9	717158.6	14524.78	7449.198	16588.76	115552.4	196677.9	981412.2	112166.9	479017.1
1002141	908664.6	0	0	28142.97	7468.279	19237.58	1652481	304325.9	806207.6
4154180	3007691	69439.47	44980.63	1254195	1200593	1921339	6119226	11890.21	3987357
876141.1	578101.3	120852.9	133537.9	85939.79	129404.9	744269.2	1505343	123587.8	481749
462096.5	417860	0	0	23062.97	4037.331	8048.959	1127544	47161.14	452778.2
164301.7	148917.7	2676.768	2465.794	0	5962.329	0	82537.64	6663.218	199503.5
2018502	1422272	432290.2	580089	516613.2	574339.4	262095.2	2824273	64988.82	945978.2
507524.5	370250.1	48476.82	52445.58	55236.27	108368.1	272437	543364.6	22824.94	255524.5
361429.3	320350.9	0	0	3939.521	0	62963.98	392562.6	38857.8	230667.5
1186483	328115.5	1701284	2148540	1914297	2174071	912033.4	897840.9	1103987	867029.4
19603.4	31314.77	96910.99	884214.8	334093.2	1026634	121295.3	0	4593.135	9506.572
77240.22	57493.98	110524.2	101495.4	187664	262085.9	402849.1	130064.1	11230.21	42241.07
114638.5	100451.9	2878.88	0	3756.884	7424.925	13299.58	60054.72	9281.193	97327.28
16658.73	15153.88	119023.4	67349.97	147980.1	323563.2	34728.47	43115.69	4879.556	13534.92
4660627	3011940	10906.06	0	35705.08	368809.4	5188553	5279056	213447.5	5185615
3747268	2508413	1067118	301111.1	580014.1	709560	2533999	5459579	7200475	2325568
8557.232	5844.956	65379.66	123783.3	276717.2	401252.2	26387.99	13694.71	4999.183	0
111272.5	100185.3	0	3607.968	0	4758.826	3956.494	154302.2	0	23024.21
233194.6	156904.2	13404.24	4554.768	7232.466	74470.73	202049.6	427999.1	120865.3	101417.4
1150755	1025840	22243.75	15221.55	13315.44	89680.16	44930.65	1414686	75019.43	574417.6
639562.5	307519.2	5844385	1276900	5021396	1908923	1159120	899186.3	958997.5	573163.8
117303.7	108134.8	0	0	0	0	0	119815.7	0	23647.14
929422.9	553245.2	255663.7	360821	350844.9	422389.7	264631	1394334	402082.4	368152.6
1792490	1606537	3411.048	19015.51	15869.09	107609.3	111386.1	899459	316401.1	923466.8
107588.2	40499.35	165950.8	245604.8	213735.9	164716.3	88114.66	48714.85	119780.3	85701.53
2478665	2287693	0	0	0	0	0	2912133	6273829	696493.6
613247.3	377031.2	155140.7	239643.3	190121	275237.1	170478.3	881329	109998.5	308708.3
7758018	4682634	1151174	527354.9	3217817	1249021	6856877	13925716	2508584	3844818
137560.1	68892.93	0	5261.893	0	114065.9	128637.8	94234.49	112316.2	135962.1
996471.4	515278.2	73491.17	199331.6	254695.1	716629.2	828719.1	719242.1	441321	731779
2656744	2434362	7534.411	15295.31	8769.968	41792.29	47320.2	4896261	101237.6	850645.9
80988.35	38917.2	103487.3	372102.7	405490.9	722272.3	139988.5	21095.66	118867.5	66136.79

1943142	1451972	330246.4	445924.7	404693.8	407421.1	287854.2	1934806	319266.2	780894.2
8349073	1567120	4319289	5910092	6619422	8350092	6674540	7866766	6942358	7550398
704379.2	462091.2	54515.17	87384.31	119927	312126.6	465469.2	549955.8	177978.6	1364575
78818.15	23282.7	138667.9	171441.9	170891.5	79106.61	82421.24	86914.69	100035.5	38955.55
410382.2	377403.5	6444.343	0	6599.235	3619.629	0	1009203	12938.96	219349.2
238735.3	212665.3	0	0	9070.363	0	39521.4	0	182747.8	95337.06
103575.7	96113.52	0	0	0	0	0	157959.4	24930.56	0
220830.2	140287.3	16724.95	18618.62	38938.33	74391.52	190886.1	346381.7	76234.74	92884.65
2954745	2743533	0	0	0	0	0	5735413	4619126	0
325381.6	295982.5	6623.215	3525.439	11277.02	5773.944	6452.95	559789.5	0	172963.5
12070381	4289566	1894327	1371075	4568281	11868215	10621765	13739731	18411063	8871321
5439010	4304943	75143.32	270234.2	207748.9	1206023	2398149	2546270	11246221	8789951
86976.47	57038.11	183090.2	104483.3	220012.4	92608.89	244746.8	144891.1	31085.12	52664.63
3187844	2627884	271826.9	360613.2	341237.1	419381.7	412977.3	3395443	126665.9	1041406
517800.4	487115.6	2844389	1987209	2805598	191674.3	987738.7	1375151	448573.2	218655.6
2872772	972276.4	1746791	2215256	2057438	1234891	1900149	4055329	1879854	2655087
6115251	2475486	722246.5	269999.9	1323416	6095945	5235950	8744013	4657556	4839251
1861207	1501048	226629	295153	300470.1	313373.5	113791.1	3402821	188222.5	619434.1
2391078	2094782	124923.6	201975.1	166008.4	189526.5	26376.33	2147388	123076.8	918344.2
515390.2	449834.1	0	2369.363	21204.59	32709.83	108762.3	1195530	210086.9	481753.3
18871891	7060184	4480879	9218394	7954803	17762323	14093132	14834240	10753901	16824438
452983	407259.4	13679.45	25434.09	10198.56	18622.84	10805.31	438538.1	0	104336.6
14900.78	13696.61	286799	158959.4	410671.7	48554.02	32292.81	35873.14	0	19152
5712477	4634353	966819.9	1007238	469208.3	702304.2	595392	5657742	4247504	2112143
701077.8	653667.5	0	0	0	3825.3	0	1406913	10880.98	272742.8
288076.2	196098.3	29699.77	26501.58	24966.24	182287	130980.4	239776.9	50695.66	234725.4
287480.1	255839.6	0	4839.384	20836.58	7811.693	34593.24	674561.3	18018.96	117440.5
88634675	63120622	37330697	65510974	151386.3	267354.3	354536.9	441820.5	67921536	99606664
97723.31	62860.23	5697.561	0	10715.03	58269.94	72538.01	82880.25	14674.07	72153.61
23327491	20591631	942214.4	465413.8	1632179	725595.7	2791357	20470855	54053704	9853049
2750819	298907.6	1703885	2089234	2410627	2800505	2400174	2875917	2294591	2612110
542934.5	246253	166074.9	92004.6	229490.3	438125.9	422507	386084.3	287328.1	428316.3
1059431	881037.4	62472.98	114037.1	72360.05	137595.2	208667.7	499335.6	2355359	1564338
10920.14	16926.69	63807.23	113958	260521.9	0	128572.8	40523.95	6320.323	7756.44
7606595	5127483	639463.3	1759727	1280121	4944267	2232080	5413052	1306877	5789604
26822.83	10506.05	297344.4	489484.6	261049.4	51170.48	37768.81	13955.35	39402.94	23228.87
1881340	1673702	87099.51	114157.9	96285.94	138512.2	54948.8	2005483	122510.3	336242
198132.3	151505	10805.93	3899.373	0	36622.2	135337.7	221559.4	71010.4	54230.54
752880.3	248240.2	111642.9	446550.5	175862	782955.8	553126.3	735338.5	435755.7	597774.8
963343.1	309107.2	101460.3	192483.8	212852.1	1035659	834587.4	946845.6	531550.3	830000.9
141317.1	56938.91	221649.1	275012.3	277283.1	742851.6	316277.8	65585.8	145214.3	119365.9
510328.3	402727.3	45916.58	8949.407	54334.31	162937	144705.9	768354.7	169619.1	370820.9
174334.6	154384.6	4808.881	2638.747	16000.89	28173.68	0	107182.5	10100.08	83397.54
2975914	1299983	340510.5	813799.6	1007174	2498902	2605122	2344409	1489262	2359798
636666.7	511028.6	107813.2	149182.1	114829	77349.14	22132.7	988694.8	32918.2	140910.1
193401	133999.8	53103.14	31240.89	41569.3	78526.31	52576.07	290288.8	35053.68	84897.27
1871.949	4185.805	109935.6	425019.2	212807.3	112310.1	0	0	0	0

210471.1	140331.2	41412.58	4675.044	36636.91	110280	117969.2	416114.6	63111.04	215483.9
3058664	2882601	0	0	0	0	0	6633000	5427262	799065.2
1980712	1229796	20589.78	16444.59	2113417	220863.5	551140.6	3137323	911998.3	1818371
8330231	2275054	935274	1940900	1607072	9257220	7209331	9001006	6188585	7721254
327459.2	294757.8	8206.114	0	0	35735.3	31265.09	370342	30220.18	217199.4
1.09E+08	68073333	1019374	433706	3946441	13659676	1.26E+08	1.92E+08	7754120	1.3E+08
914188.3	855437.8	0	7171.106	0	0	29437.7	1807347	191674.7	667549.2
3910646	2652932	360370.3	185038.3	824923.2	1470369	2690021	7284950	1225096	1338822
891613.6	832929	6873.269	4150.131	8198.885	19343.29	5270.707	1645772	4443.327	239155.5
47592.73	31881.73	476864	965631.7	518693.1	159067.2	36227.17	14689.88	91101.09	17569.89
180382	202092.4	548252.7	456862.2	1223624	2376385	566552.3	277914.4	25559.89	65612.61
309301.4	254341.3	5893.477	0	3696.2	75567.22	120166.6	480583	90699.58	200104.6
369881.4	260305.3	3227.889	35512.19	61055.55	138755.2	237527.7	220326.5	111765.7	260579.8
1555791	1383875	82184.9	89349.22	94919.48	115374	68262.64	549346.4	3788544	1872029
124026.7	124110.8	261136.5	235191	741854.9	1078945	284049.1	114817.1	5430.609	63035.3
170613.1	110056.1	38155.73	0	45705.97	159989.3	10482.75	213872.9	35013.27	79099.61
716808.2	575496.7	84916.1	114485.1	78368.11	212808.5	51377.16	1391496	72858.76	162269.6
3075305	2310123	1654172	73609.82	87500.18	266267.9	1145358	2747762	1383401	1071922
179318.3	167668.6	464730.4	334159.3	902371.6	135343.3	658012.8	172931.7	42930.11	212946
212487.7	148983.8	0	0	4154.793	99914.25	162819.5	312837	53639.71	381376.5
115861.5	70278.05	62082.87	49868.3	50337.65	14580.53	33345.35	180183.2	30033.02	99181.25
10776960	8691410	230127.3	169395.1	904224.9	2051785	4878921	18680582	2339433	7132226
8398708	3193815	1087267	204839.2	8911163	2632219	6784008	12648147	10338342	4919654
10676020	3759141	2078839	4220293	4323445	10464894	8969661	8452106	6103411	10055313
4729943	4468419	28951.55	41453.93	19267.36	46344.18	4826.2	6555911	0	871887.1
82711.29	84401.78	314308.9	368683.8	948916.8	1618084	239062.2	124754.4	29533.18	21524.24
873645.9	703293.1	62000.16	206121.4	88055.28	199365.6	120156.8	1602603	78880.06	243604.8
4139231	3532145	418413.4	401626.3	426054.6	26654.46	889216.7	6103125	8618947	618786.1
347567.4	275861.4	10420.35	0	44086.2	10650.38	229174.3	460528.4	14827.43	187292
178473.7	140808.6	31928.77	33519.08	27625.08	36805.75	23132.99	210603.6	20943.5	42401.34
167008.1	151190.5	8567.505	2724.861	3456.892	17132.59	10484.79	330106	7596.017	77776.79
95145.21	76970.52	0	0	0	57806.28	16161.84	48496.7	31341.2	48276.57
741866.4	121006.7	832268.7	1092007	1164611	1914168	932634.6	675422.6	575597.1	853425.1
208658	123817	63823.84	78890.89	44063.02	104059.4	106437.1	202409.6	108808.5	229567.2
2733901	827636.7	582790.5	1231554	1278501	2870757	2200578	2348094	1705993	2522438
1191269	1136095	0	5928.052	0	0	0	1653249	0	120169
9205.505	7568.459	68650.26	31212.75	126243.6	152174.1	0	20993.81	0	6915.933
215839	158901	19371.12	2658.967	0	45981.48	174460.1	443786.8	0	250283.9
21907.72	30274.28	129081.5	138898.5	327657.2	728447.3	134546.4	32290.42	0	6690.119
898256.5	661068.7	111773.6	151548.5	203618.7	264552.2	306945.4	918169.1	72979.1	430410.1
409213.1	379803.9	0	0	0	39369.21	20145.55	0	610033.4	493518.1
2767046	2108470	480167.5	625975.9	547093.1	582906.7	569162.7	1139635	6445074	2450677
114798.9	79093.92	0	0	0	16938.08	120959.1	166841.7	0	65873.02
22945919	14103708	8027994	2547373	13879121	2648174	13915586	30211668	0	33490803
3525151	2846980	566004	874067.2	778191.1	320919.2	228952	3255296	345354.8	1422303
865234.2	805550.2	7729.741	14812.1	24339.51	44818.39	29369.94	738606.2	23198.15	199526.4
1473103	376613.7	551979.5	921932.8	857849.8	1400074	1325168	1976103	1224256	1654886

147690.6	59269.81	107371.2	106982.7	126308.6	30985.44	21305.35	188123.8	85239.4	88102.34
2157916	589407.4	829518.3	1259409	1386262	2087853	1785933	1785426	1457894	2068702
1409731	1347064	2860.256	0	0	10723.55	11837.1	1875583	90942.49	576108.4
1437662	304069.9	2392404	2021945	2290486	7249584	6291897	1962947	1216360	1256781
124246.6	116527	373899.2	354728.8	955815.1	1134376	91736.66	230657.1	0	7559.373
195306.8	185763.1	4336.384	5100.972	0	0	0	410604.7	0	0
223648.9	201326.9	28214.79	22661.45	8405.824	0	11295.57	214123	21823.62	48467.45
1610757	961651.5	14430.31	11795.23	113273.1	387458.5	1895250	2731761	100899.4	1666025
333004.3	250634.6	45571.47	87362.96	212982.3	6951.559	12337.99	315275.8	15733.43	189090
472612.2	440556	0	4582.934	0	5569.579	61602.39	936173.3	32500.94	151108
336239.1	316672.7	0	0	0	26001.8	8330.735	295128.8	53021.84	259182.8
640904	512531.8	0	4811.953	81690.7	2721.67	452973	1055591	264162.8	1246833
164276.4	140737.9	275756.6	225321.9	469142.5	1152294	636844.1	182436.6	8738.72	147136.1
497760.3	460867.3	2433.268	3558.569	16991.76	41538.73	29801.44	720874.9	28623.78	241121
1016775	186968.3	369629.9	589623.3	578204	1120931	848647.2	898996.8	836489.5	992855.1
2396639	2291983	5873.829	17866.69	11068.03	48929.13	0	0	4637863	4885582
20881441	7081387	7876973	9849237	10150452	19888030	16959625	17640745	15346246	15866894
1224877	1176282	0	12836.2	0	5975.471	0	2032209	7681.599	134523.2
3368568	1213495	348724.8	1202455	1186971	3266288	3005395	2781013	1817242	3100923
2112107	994902.4	256638.6	473382.3	576536.2	1921930	1686341	1500613	1056698	1653571
1004731	676632.9	155486.4	155710.5	174912.1	91269.76	893333.4	1015991	99377	631370.6
194401.8	173796.5	20676.87	13108.71	10062.28	14771.58	12766.43	117334.7	19372.43	89581.07
2705901	2608504	2360.237	10193.98	0	5784.806	0	4571140	5404.499	419950.8
94828.07	91539.56	0	0	0	0	0	99377.9	0	4474.696
229553.9	205574.2	0	3014.979	3316.841	34563.3	43790.5	89078.55	122336.7	568121.2
204046.6	193294.7	2953.24	0	0	16825.14	0	306488	0	29965.96
392880.3	377303.7	3352.401	4084.489	0	4250.494	0	633066.9	5315.096	64366.2
286981.6	56902.77	42169.85	32360.46	90869.58	171871.9	372092	259124.2	227554.8	280411.1
123441.4	89017.74	731632	423489.2	1436427	3597941	973554	82607.01	80251.74	83428.2
5293606	5116650	0	0	0	0	0	6529935	13443714	0
1356055	447292.7	422733	710249.9	668605.7	1375712	1014929	1331191	749988	1176618
1152481	133346.7	145520.7	173221.9	182797.4	1305072	1059014	1215338	1093106	1015577
1280430	1059728	17824.98	15622.15	67325.77	311124	535220.9	1003041	1044651	678529.8
417672	244740.2	3126.647	3659.935	8295.59	19366.87	539273.7	685946.4	187425.5	204702.3
254160.6	211077.7	0	0	6555.877	21257.67	158270.8	449851.3	88244.32	138188
98409.13	92693.42	0	3242.398	4503.601	0	6538.395	52040.99	4033.494	51848.76
3356623	1270397	1571577	1399486	2638511	2576880	2015745	1917290	3655980	4314255
2300347	316214.7	1372507	1561540	1845767	2488772	1863580	2157707	1966531	2193483
1261163	598421.6	462104.5	583217.3	555468.1	746185.7	890687.6	1711829	687590.1	914268.8
1381191	788955.8	0	0	5689.844	0	1843049	2433175	258474.6	1391155
407940.2	60303.4	179185.7	295469.2	300128.4	467323.2	183766.9	488401.4	354595.8	415937
730276.3	610811.9	19443.43	41851.7	64732.7	138088.4	250774.2	134741.2	265484.2	1341163
1282566	1246510	0	0	0	0	0	2756208	2109289	0
36178.43	21215.21	102543.8	80028.1	375327.6	580938.2	149189.4	38431.82	71805.24	20667.61
1564730	1043256	36677.76	50610.99	203982.1	905944.5	1176882	1338422	257131.5	1068204
5320616	2466680	1098781	755220.2	1173942	5995579	2960918	7635522	2945638	2367699
1786011	747565.5	288725.5	481700.5	658842.9	1535323	1639214	1439285	961491.3	1400909

1897915	1376877	6505.396	4586.478	13144.52	14370.34	2012576	3931277	43866.49	1822260
148391.5	35126.83	58980.15	458367.2	537724.3	1393586	843822	100928.5	150783.6	170529.4
79901.23	71769.79	0	2633.251	0	22587.14	6754.291	180326.6	0	28135.83
416085.7	368665	40359.98	43406.28	33148.95	61303.36	11354.01	343206.3	31756.18	170052.6
312841.2	291158.8	13033.27	15566.9	0	22464.54	19838.67	34237.81	679554.4	567218.1
1144803	992021.6	99749.48	142672.2	93689.48	62082.7	241502.1	2214538	197220.3	130247.7
134730.2	60620.68	2987.351	0	3288.534	111915.7	144827	101517	143046.2	128717.8
368700.1	354118.1	0	2460.959	4288.106	23201.64	0	299412.7	0	104163.4
544751.6	429488.7	5174.252	0	3099.487	236588.1	285465.1	855468.2	46655.32	391662.3
630254.8	112876.7	21212.01	5044.58	48279.91	767071.2	520843.7	702099	438147.6	715107.7
46193585	34066422	5655089	3506384	10410920	9437031	28389390	89255677	1441095	27689860
8370297	1310281	4861405	5995207	6030041	8514207	7743587	8600812	6601458	7562824
250525.9	65596.91	971895.1	932692	873483.9	94326.2	379598.3	283890.5	310742	268296.9
4107222	4003044	2893.655	10369.63	4227.807	42436.82	31769.11	3998995	0	673493.5
128505.3	126110.7	0	0	0	0	0	114053.4	0	46969.44
501740.5	429665.6	73916.98	104663.4	95551.32	22778.73	25202.5	571343	36677.24	157015.6
904200.9	566673.7	225082.5	332931.7	325478.3	412278.4	343253.5	1159902	341799.6	382440.7
617356.5	451516.3	119359.6	168621.3	162367.5	312901.5	32233.61	690203.9	409524.8	66045.07
356104.2	270979.3	12015.09	6171.885	31421.41	59434.96	284533.5	699758.8	17633.27	163442.4
208630	127185.5	17032.09	37055.01	13446.67	44762.28	231859.3	347444.3	12116.54	174255.2
33412110	4126490	18461777	28295884	25392953	34950766	27707908	33822959	31107533	29726961
23978.5	19996.48	131092.8	73363.68	198075.6	22136.32	50499.79	36888.72	5287.659	0
74110.45	66826.39	142827.4	1380584	776114.3	1943925	134735	49937.09	79408.73	43451.84
240397.5	171904.2	83298.13	103565.6	79125.49	59101.73	6644.614	404288.4	33509.86	76071.54
101866.8	75295.94	3137.323	0	0	42613.05	77596.29	195300.5	0	61794.7
327781.4	218494.2	54878.48	112297	80673.85	155841.6	129069.1	481360.3	117924.1	261359.6
681807.6	650161.3	45314.46	23799.13	0	40565.83	0	497189.3	6769.983	248259.5
2933090	1204791	673519.1	885771.5	939468.8	3245022	1861233	3070933	1631400	2024603
2072076	1839405	188942.1	257452.1	187702.8	222717.7	175348.4	1038293	665318.1	827989.2
1942212	1315355	11102.04	10283.5	8068.482	254291.3	2205082	2171953	218113.4	1042736
1022835	657010.6	420864.6	505286.5	486449.8	240184.3	142057.3	1218711	170937.1	503050.5
1167262	763776	178464.7	366797.1	198484.5	811346.3	416823.3	861881.3	225855.6	858320.3
533335.4	458654	1822909	2885252	1650126	775644	448517.3	675732.7	35941.82	86985.33
824392.7	553272	9780.64	14477.73	31112.77	433383.9	729756.4	1284763	143474.8	491231.3
2999137	1794952	29984.54	27420.65	100984.2	556977.1	3732045	4967118	285720.8	2724672
1513323	1138088	0	13958.32	19309.91	195968	1431051	3383375	1413264	881362.6
268152.4	203119.5	19667.34	26332.25	14923.96	77191.97	176157.1	448693	56002.31	167882.9
839124.3	325640.6	3610743	1215465	4774678	375080	3397131	1353585	959817.6	545749.5
3406221	1917269	23070.25	9965.651	32093.99	360820.2	4536492	4751689	241761.5	3758635
413836.8	295941.9	44185.95	51497.22	38046.37	282079.5	157587	328021.2	52339.84	265137.2
5562813	5323026	50074.29	71116.9	57822.52	621493	99571.22	3368728	515661.4	2290743
190937.3	133628	186046.9	878195.5	375514.8	782498.7	296800	136148.2	100580.8	120287.5
2275287	1501504	56457.94	175959.9	142483.6	283855.5	2548437	4133805	78244.38	2355475
1559537	1544162	0	0	0	0	0	3472070	2888660	353463.3
776138.9	428198.4	345468.2	4645958	3131142	4780619	1127000	1094876	299903.4	370250.8
70371756	41926999	499066.2	447056.2	913690.3	37842594	76037885	1.19E+08	64345716	72038795
98595.64	42778.65	90552.02	231600.4	278276.1	199064.4	108219.1	56189.91	140026	144305.3

2949926	2128496	818603.3	1054009	738053	779678	626658.1	1750466	1532136	6647549
287854.7	190596	27257.78	50335.65	52320.93	158174.8	188434.8	541291	52536.65	161269.1
153752.6	151691.1	0	0	3765.125	0	0	179171.4	0	48540.2
947226.5	623449.1	125215.4	219154.9	174964.5	613469.6	464646.6	392243.2	1835048	1365426
57759.32	25208.32	223579.5	132258.2	548457.8	989288.5	196700.2	82733.59	49109.94	19324.74
160730.7	102274.5	638890.6	543264.3	1571991	111305.2	622161.4	324786.9	149192.3	160103.6
2107949	2091674	0	0	0	0	0	5244682	3118835	0
379182.9	353877.7	2633.823	4776.615	8642.889	51862.33	46967.08	591273.4	34732.59	254241.1
13568153	2860959	8226226	10156947	10352351	13539202	10284911	13628173	11386106	11409300
3874806	3826108	3203.561	11914.79	3197.664	40063.32	50737.46	2963921	669399.7	2816868
117735.3	104826.7	4226.596	0	0	13002.19	45071.76	121520.8	5406.335	64895.54
358523.7	351741.3	5162.308	3379.096	0	9339.797	4957.18	733506.8	0	115129.3
316647.8	223625	49780.09	97629.1	87720.18	107693.3	116913.8	446970.1	57714.09	151238.1
4913577	1193543	2286077	3219610	2998278	4811417	4371309	5255617	3195061	4219792
81974.07	70608.17	91698.95	720453.8	448620.9	991530.4	110106.8	105446.3	5634.199	7935.542
917321.3	635016.2	1137559	895139.1	2870707	4203817	2332787	1707920	122863.4	714939.8
805255.9	802166.2	0	0	0	0	0	1101488	9293.705	21193.89
42881.96	50902.99	37344.48	190224.7	50444.19	355007.5	301844.7	67152.32	13216.8	0
121460.7	109800	8708.32	9442.909	6708.203	6381.938	25809.87	66327.01	6900.743	124728.3
3989238	1696320	934593.4	605935.8	956645.3	4659658	2415986	5317103	2340514	1944668
260107.2	257659.6	2887.156	0	0	0	6425.711	540536.3	0	83427.69
102975.8	102656.1	647561.4	50102.36	403703.9	1100561	301170.3	92259.33	45662.92	27858.68
835461.7	821993.4	3283.616	4330.234	18404.3	20970.58	14134.79	1771739	40240.77	309960.1
1757348	1503738	0	0	44967.2	58545.59	1161440	3841864	385611.4	1626743
728470.1	672993.3	29391.59	88027.65	88575	25521.35	43299.27	20698.06	1014956	954291.1
409058	158126.1	102114.2	115184	143777.4	472832.1	253461.6	564280.1	373119.7	292696.1
4133094	3927711	139108.6	191466.2	191214.7	189521.8	308195.7	388792.9	3866072	5578803
86569.19	86562.46	0	0	0	0	0	87894.21	0	0
223719.5	190066.9	24949.84	70818.05	26425.41	28760.37	18429.63	260378.4	20153.38	67875.82
329333.5	314093.9	9237.155	28237.4	14462.3	19112.17	5872.902	431071.8	4145.133	75695.07
5113188	5065367	11066.76	2449.22	18433.67	174606.5	52354.57	87587.56	4226154	10417188
321834.9	283250.4	54067.53	67376.08	27967.63	39825.52	6515.465	382320.8	11431.25	62100.28
1448299	1346731	3044.394	0	4249.681	33506.31	490282	2466048	419589.8	1012811
208510	202708.6	4694.269	0	7801.799	6960.741	11046.3	241599.5	4684.481	48739.75
650810.4	644909.5	0	8535.771	8934.131	12321.4	5228.334	9412.22	821314.8	1605044
244139.3	217134.8	0	0	0	24158.16	115906.3	264902.4	5673.733	79849.85
552515	96851.78	414261.2	515752.2	457860.9	492682.2	383682.7	706247.6	462957.9	510822.8
701257.5	116322.3	444386	471360.3	558373.1	741959.7	577892.7	750239.8	604851.4	608319.3
194575.7	133983.1	18576.61	53571.84	0	61134.21	162865.8	126584.7	96978.19	292213.5
8374358	5259268	33851.11	48270.76	474732.3	1198261	10299137	14057085	606102	8548829
392613.4	264175.4	88888.53	88570.76	99377.93	258198.7	114377.9	349118.6	120694.5	168413.4
496322.5	473522.9	8354.307	7134.572	14096.78	43931.41	47491.35	425467	7503.032	162859.9
499849.5	341946.8	111529.7	130358	153194.8	174642.4	227960.5	335594.5	148303	327661.5
96790.52	62565.06	408188.9	236001.6	660348.5	184476.2	99549.31	181073.4	39327.85	135639.5
3662724	1242662	1582399	2090700	2156922	3436095	2660537	3231000	2715353	2835417
5020657	4917901	35466.83	34034.22	53123.45	187437.4	295637.7	357015.5	10975186	9480223
400927.2	310199.3	102011.2	154342.8	122856	62609.99	21662.77	643017.3	31128.67	175462

382244.3	266336	6529.27	2362.162	42787.6	76940.18	394698.4	707197.9	11525.09	245855.3
3015618	2114828	624333.8	621191.3	484205.8	1616241	1236953	6540610	2377256	1090875
181130.3	113870.2	477076.5	740305.6	677440	1897714	265462.5	345742.1	118055.3	85336.62
54746.42	54661.05	355684.6	203723.2	653901.6	1786461	434506.2	120508.5	0	20436.81
283543.2	181815.6	17385.07	23888.79	34316.7	238246.7	172257.6	206115	86155.45	250266.9
442713.8	376071.5	97103.09	123337.1	84776.82	28233.66	12884.58	57737.24	483830.1	805020.4
954184.8	129980.4	131235.7	118125.6	176062.2	1141605	838367	894294.6	961695.8	811224.2
5482555	2761238	92209.11	76392.03	193278.6	824556.5	7639180	6319199	1347547	4137357
787652.7	633398.7	144690.1	181985.7	167035.1	109419.3	191403.9	1163537	89401.58	172217
8738787	8743676	47727.51	40313.07	110300.7	38925.9	53483.6	26935.7	19748074	16240834
243849.5	223281.4	2821.267	0	14040.39	0	96940.88	471281.3	56269.37	186878.3
2936985	1003008	752815.4	1365253	1531192	2959157	2360769	2516373	1892226	2358436
695706.8	668992.3	27022.11	50889.77	48915.61	17656.84	21201.4	5517.983	1150737	1530905
369498.2	364694	3049.279	0	0	7555.781	31979.36	586940.4	49148.43	294030.9
23829872	4240040	14753146	18275433	18919045	24588640	18838227	25392144	18612704	21144087
2424938	818023.2	442383.2	1042666	1075091	2387518	2185010	2022254	1483686	2199796
10307.71	12976.84	53738.6	54302.53	211424.4	373360	59236.72	0	0	9030.19
584885.4	386085.7	198568.3	255105.3	199744.4	260886.6	104191.7	776500.2	137955.3	281819.4
13923547	5187124	2906586	5890224	5971196	13433773	11976631	12581212	7752167	10720150
174186.1	117693.9	55013.38	36995.11	37166.04	47219.17	113948.7	271479.7	29989.98	62789.65
69966.03	67870.56	9264.964	5184.79	0	0	0	79741.35	0	0
8143756	2895765	1654368	3522838	3860545	7837843	7132477	6944673	4760980	6838897
61991.4	23848.08	328485.8	290719.8	219353.7	23565.08	90131.26	97949.62	52485.57	71832.49
240038.4	211599.2	6120.74	11742.99	3185.292	10064.73	126145.6	543544.4	65126.64	70835.8
18941775	11336354	2053257	1229610	5983014	2762396	21446600	33481125	6761158	8115586
153156.2	98947.44	20081.95	30243.51	27242.01	83588.44	113057.6	250450.3	73726.34	97354.75
115365.2	114158.3	175581.1	137610.1	357141.5	776214.7	394915.2	102265.4	36421.85	28119.08
5365619	492322.4	42377.5	8660.306	213688.4	5353887	6040292	5014482	5053856	5666174
130408.4	57065.35	382849.8	454489.2	112717.4	307856.2	136837.7	80979.79	146384.9	84577.17
379662.2	23390.54	397465.4	515710.3	525680.1	350742.7	491056.1	403529.8	400206.2	371286.8
15720314	8792199	62234.18	27844.19	274850.8	1512519	21536625	21780158	979119.8	18880373
908684.6	918547.3	0	0	3764.303	0	19654.02	17561.16	1790028	1984110
834932	771963.1	7556.285	12838.96	3966.646	111993.4	245221.6	549637	772698.9	523956.4
1953433	1487188	42415.58	59971.62	569712.9	192855.3	1533983	4039914	0	1528465
576781.5	453588.8	142466.2	166241.6	153821.3	143459.2	48872.27	375412.2	231770.7	1371624
1002102	509624	16020.28	65222.2	144669.8	321794.1	1306699	1121373	292541.4	700535.3
3011569	1074089	795096.7	1320476	1232474	2993970	2587367	2653158	1822118	2336589
6346306	4258666	233036.4	127765.6	742076.3	4190667	4907094	5074363	867605.1	4881822
78500.68	28846.2	111398.2	78357.1	113590.4	122110.6	114597.7	83266.45	52709.28	115580.9
2545823	698650.5	850657.6	1343476	1657581	2513913	2233584	2610076	1661046	2100246
41396.73	12355.72	232057.6	155016.1	121230.1	5637.364	98381.23	52999.81	46943.08	43382.94
221464.4	216101	0	2870.56	3478.806	31776.29	8221.77	325680	18964.51	209484.8
12334620	9577797	1883100	1011836	2775843	2278337	6801037	22353361	401274.4	6195549
940144.7	567106.4	51560.36	41440.47	473351.6	673270.5	603392.4	373873.3	1454593	275312.8
1047796	514040.6	75366.58	39270.95	38185.97	1338202	503764.7	1545303	479741.6	635696.4
406125.3	228020	3448.083	3001.882	3896.067	18346.28	563103.1	536270.6	15607.14	504467.4
12376.22	14681.22	237875.1	123197.4	387143.5	26161.3	33950.22	33962	7446.024	20473.07

1519649	890034.7	2902.307	0	4656.528	64871.14	2075021	1906594	101797.9	1640687
298765	113690.4	299699.1	540186	445360.6	857126.3	415980.5	125870.9	390124.1	314000.8
739230	504414.3	7326.685	3006.487	70871.06	463526.4	599704.5	575364.1	94217.05	530890
23701.85	29233.61	60832.67	56899.89	146116.4	188703.6	16318.17	18202.34	0	7251.874
2134063	698167.2	386413.5	579462.4	511522	2308011	1960941	2244488	1015915	2003106
5004774	2243497	720558.4	1783213	1618386	4399767	4399312	3736566	2709829	3739915
216651.7	89893.21	36741.42	108994.1	67008.53	247962.9	107436.3	157900.4	124989.2	175054.3
14005.4	15579.22	73994.5	73059.52	295616.6	512426.2	75379.71	8624.116	8552.641	12150.88
497144.3	336738.9	150173	211717.1	172444.2	223113.8	82632.51	654569.8	102127.8	170164.3
723895.2	485441.6	15748.09	3604.945	65550.13	511609.2	558925.2	578878.3	82690.7	550996.5
910708.2	905974.6	32902.18	33152.09	34319.82	14568.96	6561.46	7512.083	1787054	1930183
118967	39342.11	140653.4	188307.6	135238.7	255029.5	148288.4	142018.7	59412.98	107149.4
1.28E+08	79253145	6475872	3224161	16779085	95015461	1.08E+08	1.06E+08	24919046	94776374
672040.7	667395.6	21311.16	35107.89	33525.07	8516.712	0	654982.9	5379.966	68110.26
293204	293509.4	2774.229	4644.58	7376.394	17343.12	0	349281.8	0	81416.96
21070987	11355147	4398768	6530697	7608952	15242444	15441598	32523928	7076964	12881938
56854.14	27712.21	223073.9	115061.6	426563.3	1014104	251864.6	88437.21	46865.51	14880.29
171542.6	96683.28	2365.591	6008.87	13187.57	107618.3	188152.5	240653	8998.674	159578
50829.14	42661.9	152857.9	69511.84	207962.8	198011.8	26654.86	55092.04	10612.12	6327.332
1636980	390540.7	230170.2	11313.45	391441.3	1640418	1782016	1996026	1385250	1462370
7677.037	15558.8	289823.3	337091.1	606726.3	23698.69	0	0	0	35414.16
1084441	1094068	13180.72	18563.56	27360.21	22941.01	9082.236	19712.99	1917035	2490125
925829.7	754856.5	18556.87	56416.74	24683.53	87152.27	739253.1	1930818	168820.8	1305404
211502.6	47277.76	268555	314744.2	321332.2	604793.6	251312.5	154627.5	189791.4	204869.3
723461.8	525465	2804.234	4278.084	16782.99	24798.47	821170.3	734729.9	10759.28	687246.8
288232.7	281294.2	3258.27	0	0	14810.29	54054.9	739526.2	82351.03	330176.1
301298.7	61594.36	443339.6	322476	401164.1	457515.2	290388.1	294210.5	388638.9	276045.3
348396.2	332841.6	27465.86	37658.23	21239.64	20853.12	15033.61	722603.6	12195.41	22654.15
174669.3	174499.5	0	6643.984	8497.999	9101.286	0	263607.4	28013.95	122608.4
62223.15	11303.05	40245.98	34481.96	30952.18	76784.05	29055.56	73756.64	46388.15	65062.5
4.83E+08	2.96E+08	26292093	13726711	65400462	3.66E+08	4.12E+08	4.03E+08	96971249	3.59E+08
385885.8	134519.2	113669.6	214235.1	201389.9	370747.5	312060.8	354863.4	220200.2	342118
368692.2	162611.3	176594.9	229350.6	230935.5	130763.5	283527.9	450489.9	501874.2	478796.4
783311.6	380044.9	51970.77	63949.66	0	36959.68	1128355	1038434	205608.4	616496
570790.7	284913.9	5060.04	21918.59	57671.37	146529.8	781460.5	595978.6	172863.4	415588.6
13744132	13741856	215436.7	266698.8	246626.5	912789.2	316742.7	15949335	1656583	4054992
4247500	2967596	1109277	1406743	1445012	1418048	1447734	6094842	108864.5	2266663
28985640	29073564	958209.2	695807.9	356113.3	381877.5	1394290	65659841	53389148	6292973
21738.99	18163.75	44188.09	55479.63	214429.7	475850.8	166596.6	24742.27	0	8699.943
148937.4	116502.1	78823.33	405280.6	313591.2	529090.9	287154.9	73409.62	31888.34	92904.8
225841.5	110990	164715.2	618341.5	689025.5	618989.8	238794	97039.85	283290.7	382503
1252393	842858	54316.49	32907.1	120159.6	827475.4	1004167	1022238	145553.9	934990.9
118192.2	86646.48	0	4781.075	0	0	134801.2	163862	5171.592	68221.98
68198.35	70231.45	244862.7	524222.7	785057.1	135256.2	80662.49	179539.9	0	90259.76
2572001	2556193	163238.2	136924.2	71952.16	58278.82	44658.72	2478892	41089.96	295742.5
6036762	5920882	570112.1	391272.6	189481.7	216546.7	138828.5	5786319	173478.2	738508.4
821232.2	824730.8	32420.23	15594.46	27116.97	22489.01	13832.25	7392.227	852345.8	1980147

17193158	17104072	138780.9	147830.1	209465.8	1632277	1009742	15014697	2011720	6060559
198899.8	141696.2	187882	443074.8	569471.7	495611.5	228012	141300.6	244438.9	425678.7
544333.1	336366.6	107292.7	170900.5	134845.6	491187.6	165038.1	108421.9	934932	713794.8
139714	122278.3	24919.67	25066.92	23857.62	23596.95	9759.765	8176.65	264912.6	253180.9
187878.2	128220.7	409734.3	378314.3	982071	1700390	320231.4	276260.8	95546.93	46746.48
351096.9	196539.4	939051.6	1271071	345525.4	539394.1	522035.9	362993.6	653814.6	105516.5
1327043	916795.4	782720.2	503282.1	417494.5	99478.19	407728.6	2638304	92700.49	1468842
2117669	901756.6	400729.6	312365.4	449303.7	637779	2848499	3439822	1825007	1161956
1721913	1133719	538890.9	773399.5	796592.8	476176.7	552268.3	2601489	79579.9	986715.5
258535.4	194005.1	5249.807	0	4230.275	91222.19	232005.6	446285.5	45242.5	122330.5
572767.1	567050.6	27280.34	32385.92	35657.84	9256.289	21805.11	662130.2	14755.47	117136.5
1121235	1060562	110357.4	135271.4	129623.2	36842.41	76148.22	955411.9	72652.59	397762.1
188068.4	157779.8	44492.54	52987.25	37106.48	24739.36	21119.44	219360.1	13467.85	76076.9
500507.5	432207.3	3156.754	5325.218	26727.48	65303.67	319427.7	632158.3	377019.3	1178336
91542.6	84009.37	505590.1	202388	676287.8	1541147	191406.1	198960.1	13303.59	23416.49
749732.6	586446.7	164696.3	214753.4	214369.6	222499.1	110721.8	914388.5	32263.64	354960.5
244698.1	217603.4	9573.439	16188.23	15892.83	102980.1	33184.22	604467	17170.12	161781.9
1221552	798740.1	0	2372.49	6702.263	0	1599849	2220881	65703.78	1482288
1806796	1260921	43346.83	18886.99	168967.6	1254995	1316703	1267461	316493.4	1220968
14178531	9331953	561210.5	287974	1538696	10086069	11557657	11459595	2213551	10363037
3582702	2081266	653146.5	1007352	1202515	2490673	2468807	5588095	1015711	1991926
2490462	775051.6	392133.5	440445.9	550891.6	3028468	1994905	2306781	1722560	2063076
3890363	2819073	1177367	562109.4	1775142	695561	1716461	7074809	0	3691815
84684.97	67794.98	0	0	8006.448	0	80966.96	167890.4	12804.55	59541.57
1884922	1315351	41528.62	19058.68	161605.8	1305101	1394881	1333065	327294.9	1263322
237116.9	223236.1	2643.081	0	8922.72	12848.33	90340.65	408425.6	33631.68	145353.2
1036666	1063090	6348.367	7704.044	19843.84	15564.74	27492.7	1593467	62714.98	191842.2
1761109	1163042	6891.592	13491.88	10347.29	83850.87	2259406	3314391	95016.29	1878224
1111950	806592.2	2680.162	2115.084	12287.79	170853.7	1238762	1272370	99776.42	492182.1
313978.4	189220.9	120781.3	68997.22	108352.3	143886.1	220726	443924.3	63585.39	166734.8
264171.4	146269.2	2846.01	4720.527	6600.339	14360.23	373228.8	427636.8	120732.4	135470.3
608639	453299.8	163122.3	231984.5	200669.3	229734.5	47358.46	912135.7	107574.7	217676.1
281535.3	275590.9	23739.7	22701.36	12723.34	21212.64	6253.743	373773.1	4555.892	52501.78
9520294	3505305	2136791	3887701	3893583	10369703	7233447	7627586	5404057	8229302
329035.1	197519.3	19322.66	12020.96	24111.75	97983.81	405704.6	298521.4	91061.06	251614.3
556289	346108.5	248749.9	53006.48	222294.4	256541	342863.3	784415.6	134237.3	229545.4
6961588	4956841	300127	241255.8	2691807	3285667	4440225	5406473	4050671	15626764
816030.9	847749.4	0	7933.595	8981.461	0	5754.608	2162041	66598.14	482054.8
357617.5	265533.4	86007.02	129996.5	100823	90133.14	111577.6	579685.8	66293.57	84806.3
2047264	2140859	0	0	0	0	0	3084294	5229002	420580.3
454322.5	469169.6	0	9626.772	0	7246.886	11671.17	0	389192.5	892564.2
523489.2	535286.3	3420.441	2686.637	0	28721.97	24378.75	648768.2	34228.68	244867.6
11835149	12152696	159300.5	150733.5	171832.5	440194.1	197496.7	6645472	1591873	4249234
172535.2	171116	20904.58	8048.277	0	16678.06	0	142692.2	0	26065.65
128282.4	128765	7032.113	7127.314	8716.357	3979.09	0	177830	5272.507	10635.04
605725.5	634555.6	0	0	0	0	0	827967.8	1511534	0
89913	22368.77	146572	161930.6	144703.4	213799.1	55947.63	117343.4	90688.59	92662.56

581726.9	337925.3	244558.3	334094.9	306346.1	96544.58	314954.8	725143.9	116962.5	342678.7
324983.4	335120.5	5555.911	3468.914	7253.212	5811.505	4088.951	590531.9	12889.86	52308.51
921718.4	689692.3	10100.39	2556.524	5894.288	316698.4	874842.7	1388026	128000.9	708619.1
340651.7	354677.9	3552.295	4631.382	0	4201.93	0	839578.5	0	103745.5
1507376	1560815	0	2979.53	87313.4	7526.586	0	3912122	85927.37	592005.6
1137506	1016886	184756.3	184849.1	166853.8	84397.81	221450.4	878898.4	132749.9	504364.4
554558.3	361471.8	26263.63	42230.9	42438.91	26507.77	690646.6	745634.9	18333.02	858385.4
1844472	1574050	185751.5	29526.54	130917.4	496043.1	899585.7	3730639	334397.1	1756571
68752489	41984107	22062102	7909703	41490256	12959942	55887739	89374257	0	1.02E+08
1572495	823588.4	9151.595	8748.299	9049.279	130336.6	2285260	2603353	431487.5	1826008
449168	314812.8	20381.08	7318.639	9911.263	67252.1	519814.1	636948	71570.82	146971.4
33145.87	38683.19	130852	163106	535377.8	967115.7	121375.8	46622.79	0	13802.15
1186513	1107336	0	6813.356	12554.34	122416.5	548653.2	2244168	240849.9	710929.9
687643.7	426940.4	26855.49	38919.74	58712.12	377256.1	730926.1	1109937	230163.8	751833
468419.7	389590.6	125292	153558.1	118570.3	43077.49	57581.84	101260.5	155164.7	829227.4
13523.3	16550.95	7442.448	477503	2822651	481546.6	1772065	0	0	26901.22
311519.9	140815.8	158797	181778	219750.5	148462.3	183115.7	339939.4	412989.4	408613.1
151229.8	186792.7	233180.7	1758199	918135.3	3243877	416817.7	73235.66	16684.26	94698.44
12880797	13497866	0	0	0	570553.8	0	15542718	34727705	0
219229.6	231192.8	3313.523	0	0	0	0	496278.4	0	64447.77
154728.1	147624.2	24557.73	31024.36	7738.497	13048.43	0	167856.8	9597.548	7360.254
660593.5	519887.3	586966.5	1576340	1093383	2069756	1128315	589608	201546.5	300035.1
196839.4	43015.07	3929.099	0	12785.62	255558.3	160918.5	189826.9	249856.3	139947.8
777123.4	511023.3	330155.5	365824.5	288820.8	207348.5	282558	176059.5	1222332	908271.2
43507708	7607563	24950239	34617849	35051641	45461119	34067736	44570016	33609885	42335996
129988.6	115241.3	239948.7	168542.3	604745.2	1102035	331194.6	317605.6	94273.58	70817.37
8362.747	14098.75	320410.7	915036.6	463074	67809.52	0	0	0	9275.401
7920652	7421684	10411.77	5677.287	381195	629863.2	3623155	19131630	3155590	11412560
319323	167923.1	5825.477	3122.572	0	5656.383	471138.3	483633.2	42875.39	352723.5
4108948	3048320	352370.1	1094035	989422.6	2635666	1112099	2301083	717587	3087543
1877821	1959808	26862.1	38735.84	27889.42	46045.82	16201.37	1585538	19392.1	122874.6
331373.9	117073.5	184134.4	879687.2	1009020	785419.6	418985.4	207856.9	431704.4	477331.6
424016.5	409399.8	4980.757	4780.979	14462.48	22669.44	146632.6	899712.5	28821.08	258108.5
18792208	5093377	7611065	12146821	11814445	19194227	15542216	17098143	13607974	15887213
2312085	1611762	93603.07	92981.92	947010.7	1234808	1530826	1746063	1338654	5123714
549975.4	295282.3	271852.2	114296.4	471477.5	185189.2	294872.5	1027039	258448.3	607468.6
203039.6	145618.2	16683.57	28215.83	42457.27	144330.9	94809.09	195200.5	155512.4	91073.3
922470.4	635231.9	290177.4	391841	359322.7	363887	220882.9	1236845	274271	226585
6487058	1883854	3040857	4601248	4264779	6415421	4700865	6180573	4472960	5237734
729011.3	605859.8	93555.26	156626.4	110643.1	332450	106513.3	702525.9	39040.84	236132.1
260448.4	211431.9	279741	214997.5	713181.3	1318961	1088069	628029.4	97941.04	202001.8
2524304	1381371	3291.365	3587.394	0	231768.1	3647722	3970625	358786.1	2114676
323604.8	170428.3	3750.297	0	0	12691.19	478086.5	490353.5	60900.77	278870.9
817085.5	392476	1356525	1782887	1491545	1384709	552515.7	415536.7	723793.4	519900.2
8371576	8485044	92504.44	78016.83	115768.7	845583.9	899641	4861452	5077536	5288766
176154	36420.08	99186.88	115145.8	76547.71	139819.9	201238	178721.4	128889.1	156803.1
1998813	1640128	84609.17	154297.8	1314205	111542.8	614956.6	667555.8	2651602	4517696

1921063	1844359	181069.2	206473.8	162181.8	315812.4	85097.42	2634064	42110.87	246777.6
2649203	1398195	52109.4	10204.74	118802.3	575009.2	3739404	4010882	283935.6	3068735
839318.6	487716.4	89433.56	23334.93	275314.6	661203	707870.8	1174341	150810.7	500027.8
1723325	794649.4	63437.31	111672.4	217843.2	103441.2	2544222	2217155	811092.6	1118114
163448.9	97689.21	242445.9	204791.9	241292.7	328924.2	266543.4	107232.1	136380.2	84172.34
1319208	1082589	123465.5	41998.3	335076.7	341548.1	682412	416724.1	3017274	1763847
636514.1	672598	3264.805	8015.334	0	0	19214.01	1425014	11246.39	190238.7
811571.7	488728.9	121762	145903.1	138197.8	605608.6	666371.2	528930.8	286137.9	580649.9
389829.7	411544.9	6475.061	6148.733	3426.557	0	4784.373	827579.2	10048.64	40558.26
637871.8	672015.8	0	0	0	5335.8	35496.69	30437.21	478117.8	1245680
1100928	159728.1	792124.8	1017588	1000631	1045835	825291.7	1234977	844958.3	1084316
605740.7	516833.1	997743	856437.1	2429829	4231083	1205557	792427.9	67065.78	233583.2
847137	305362.7	0	0	0	17577.4	1342700	1118023	459774.8	626439.3
160949.7	110449.8	0	0	0	6297.192	207505.1	135347.2	0	191210.8
955536.4	874513.1	133854.3	156336.9	160632.6	142414.1	96034.44	67117.88	1095237	2203803
789033.4	363523.6	81062.6	36137.14	173260.8	1020222	407298.6	894097.8	558238.2	279244
72984.35	77340.93	0	3602.55	0	0	0	185493.6	0	0
1586957	961218.2	57849.83	40645.2	209265.4	905024.6	1740111	2220473	366787.2	837412.4
2117081	1751467	0	0	25143	471613.1	1797699	4416162	0	2118595
5888901	1107144	3407225	4692489	4498092	6076877	4795383	6117964	4828137	5130301
546797.6	335882.3	196012.2	216181.2	197296.2	304388	256151	384906.1	216063.1	355335
194060.8	231356.7	3388103	1622568	4014989	22588.83	279674.3	574726.9	18072.3	172799.2
26756.5	38479.96	77619.65	34448.12	204332.5	52428.95	88420.73	94694.22	14055.36	16017.03
140058.4	68037.78	118662.9	398165.6	619082.7	343790	160363.7	65799.01	179067.7	228913
264991.6	163068.4	0	0	3499.451	64707.14	349738.6	315757.2	22491.61	193237.7
329694.1	173046.4	36003.4	41054.09	68637.51	136322.5	411714.2	363869.5	90283.04	365301.8
19942419	20358045	316847	230079.5	276075.1	2063615	2184848	11386679	11917642	12807401
208953.8	126891.6	4273.632	4307.674	12358.76	4711.673	289380.5	325064.1	4379.281	301775.7
23055214	19727781	476983.6	451567.8	2490212	7571722	12578664	39474989	35784.51	6343330
3039483	2627549	605926	664273.2	624869.3	673659.8	424022.2	2325451	388661.2	1571536
5123664	2387765	792990.3	1910822	1937594	4559935	4388009	3956143	2675189	4100078
693312.2	745665	0	3810.15	0	0	0	1979628	54010.03	500027.4
2699823	2823260	64113.57	91213.5	104376.8	104276.6	25053.72	2189327	33340.18	653030.4
373553.5	112049.4	103262.3	107182	136497.9	124210.5	516857	177298.8	433077.9	392101.8
1010529	1076693	25483.11	10668.96	0	4568.424	13311.88	6549.796	2215628	2081626
4076503	2750457	430281.1	168430.1	857770.1	857538.6	4479167	7743653	1288857	1372229
1255569	324603.2	286393.5	275007.5	378251.7	1412628	1225232	1418633	1035195	914032.3
536336.4	403087	362114.9	1348974	883345.1	1905833	1062545	335570	175434.4	263365.2
2169436	1426698	14147.09	5857.117	43005.54	1501999	2102211	3815762	1567842	2921558
2654548	2631269	231903.4	240584.7	220370.8	301021.7	79115.65	58244.63	2560173	6450312
686845	710403.6	2607.624	0	11969.56	43775.83	82916.8	1038464	80198.7	531644.2
182993.4	136915.2	190867.6	217809.9	337267.3	613865.1	752596.2	391778.8	99131.47	228101.8
3837189	3159331	513215.1	588468.7	423332.5	660951.2	2361761	9051307	2451680	599356.8
5014922	3259905	27957.92	3367.053	82752.16	575355.5	6639988	9282415	288571.2	5387842
220126.5	82845.01	363464.3	1192708	625938.3	1484743	97971.59	218080	124334	172394.8
255781.3	78789.19	177778	200037.3	238273	148144.9	139736.5	382881.3	248077.1	184120.7
96620.97	78960.25	432659.4	280889	877443.8	2534881	597132.8	215366.7	9676.348	52272.35

122657.4	116027.3	0	18080.66	52180.67	0	6578.951	243077.1	0	24173.64
3009770	1484876	154201.7	330512.6	403934.7	974446.5	4125139	3277209	949603.6	2098658
278177.6	246122.6	0	0	9117.621	11286.21	222579.9	358602	155147.3	188875.5
245553.3	254214.4	13269.69	0	4875.743	35323.94	0	338943.8	7383.945	90607.65
2194029	1536067	166260	72694.88	149763.3	406377.9	2522803	4197985	285183.1	1102418
2695350	2818827	9194.025	6652.241	65219.26	50873.09	330937.7	6411425	1058259	5011701
8658120	9369706	10008.75	10181	7565.963	22929.72	0	0	19259469	18314200
421978.9	239145.2	47044.14	6603.267	50090.25	472748.8	270468.6	739330.1	171989.9	345902.1
7300434	1574347	4806399	6633548	6690012	4125013	6241148	9090717	5265692	6080026
4820.717	2800.405	61215.14	90830.99	290567.1	491239.2	10660.07	0	5214.239	5997.83
742666	309420.1	4487.928	6230.608	25162.49	41894.8	1158935	559757	367152.9	700637.6
2721795	2116468	129320.2	0	565432.9	1124565	1960204	5724126	0	2112093
21676190	22633562	42050.42	44928.37	574044.7	372538.9	3141913	55716822	9632390	33601849
1014335	874592.6	5500.583	2118.652	0	207299.7	792859.6	1633184	60933.04	671064.1
347980.3	372096.2	4240.37	5794.318	2727.747	6945.655	7102.054	562566.9	185082.9	77828.98
9810671	3181896	3989837	5778526	5286813	9937303	7917283	8758821	6450593	7891055
3377802	2361050	5654962	10378774	19384931	3255748	7238813	4654280	234816.8	2267242
241471.2	147252	878638.1	541670	1831016	5122242	1314655	380174.1	78742.81	104844
755157.1	226224.5	350110.4	559057.5	470607.8	746792.9	541639.9	707999.5	582223.9	590705.3
32040.24	64559.44	68072.41	98728.23	266518.9	600794.8	133918.7	8388.781	4454.492	0
956101.9	390594.7	286452.6	390333	210741	719081.1	1054337	1229102	596324.9	712099.2
114368.7	98800.83	33290.46	20213.76	25942.65	14438.1	23856.68	118518.4	5213.378	90294.82
4568500	3085866	1488145	572366.2	676325.2	3193944	2616216	9582290	2007344	2389537
358435.6	283390.9	166478.5	157350	131046.8	20617.77	13485.31	24594.67	603360	631122.7
51147533	7709097	29911771	43645363	38294867	54280726	42209853	52223013	41491957	47265243
3301369	1352079	468500.8	65134.32	3499225	801543.5	3173430	4085386	5221673	1941670
136052.2	74619.16	488193.9	299285.2	1168638	2826319	617724.7	200755.8	21479.93	100685.4
340980.7	280693.5	5664.204	0	11422.19	71230.47	303869.7	804108.9	145479.7	287859.3
61962.84	66632.56	0	0	0	0	4146.891	67318.35	0	6203.059
96479987	40440318	11058838	9288391	10236564	1.47E+08	142883.5	1.36E+08	88448780	1.05E+08
146011.5	115241.1	8104.697	0	27224.7	102606.5	59980.95	259184.1	11523.51	45291.23
404505.3	316154.8	0	2750.35	13003.22	283235.5	247529.2	227262.3	44725.17	275761.7
27109529	25968485	34756.13	12088.96	1186015	1907080	13366009	69403960	11366620	31675112
1618055	1112417	246418.1	42889.19	275723.5	324529.9	1779187	3276949	1102789	608419.3
687504.4	368178.7	182208.8	49820.57	191421	414722.5	739550.8	982484.8	272081.7	413551.3
252876.8	81844.65	0	8114.879	44318.52	8152.53	397792.7	310307.2	258211.9	317358.2
104967.7	53743.38	344574.3	236081.4	780828.6	60873.17	321422.7	183436.1	59096.51	138101
5245.613	8653.209	9595.735	215447.8	911680.8	226582	1491004	0	0	19938.21
124568.7	119725.8	0	0	0	18929.46	55589.81	111810.2	0	42515.87
281435	121320.3	12942.65	37920.37	204890.2	80494.16	338391.3	404068	112558.6	308734.3
303829.7	166357.9	477271.9	273917	1009446	399734.5	807515.2	538368	129991.6	319182.1
3557484	1594461	8924.983	0	21943.19	70586.32	5573062	4910968	1006481	3091273
254119.7	247123.9	16798.1	20093.94	30080.75	53703.04	18701.29	556608	0	71264.46
778286.1	438659	67596.63	11932.9	24872.8	450472.5	942481.6	1310205	213572.2	518627.1
31306228	5643445	17444580	22883042	23367217	33944216	25772583	30125694	24574418	30782796
2060815	1693251	0	4193.076	0	213071.7	2069536	4483849	480334.6	405294.6
13998.95	13491.82	30147.71	496107.4	2771984	339289.4	1618552	30153.8	0	0

688081.7	492763.7	93393.55	119042.6	142831.9	385741.5	436488.8	1153233	54589.57	265427
8706511	4774549	6145.445	6633.668	5928.452	633973.8	12903023	13413970	1324867	7302756
65613.75	103771.5	124846.6	860850.2	483192.3	1642271	119124.9	44008.4	0	27998.88
422886.4	440155.1	36132.02	20286.53	15388.14	24803.9	6535.33	1053112	20350.42	206734.8
498252.5	440842.6	5091.388	4665.459	0	61409.67	388375.5	1068301	71807.47	344851.6
653046.5	479719.7	3686.346	3436.979	0	87158.61	779351.2	1070863	80100.82	456584.6
20647.55	26398.44	165248.8	135159.9	445721.9	95812.17	11303.58	10820.97	0	16447.08
787500.3	729841.5	1160220	2942440	10387621	994714.8	10103827	1931775	345695.2	28635.85
89243.4	19666.14	39357.07	202530.3	426478.2	891611.3	351176.8	80881.23	92872.45	59774.88
54973.22	46696.4	291503.2	157785.3	560159.4	1604783	332195.3	67947.36	4731.051	7937.718
155167.9	81744.29	42824.05	20798.11	48477.28	102384.9	158609	209626.1	32804.52	113969.8
205818.4	122280.5	2571.552	10198.01	0	29823.48	287808.5	340749.4	38378.51	195329.5
185822.7	129398.8	90791.98	95059.18	67606.72	51340.99	34801.91	203557.9	41717.11	67590.15
1970020	2151311	8902.231	10708.32	8616.173	0	17469.78	27082.83	4521984	4055542
96232.69	45835.32	274257.7	401301.5	335294.9	1179974	150757.8	115477.1	104152.8	38103.93
1302625	639345.4	319791.9	266018.5	379354.1	1448283	828082.7	773919.6	487165.3	1522126
1974337	1954868	5788.22	7843.638	68782.3	82167.7	807544.6	3187505	529924.4	1242819
285568.2	289514.3	0	2953.209	8663.384	0	98423.71	488157.6	47484.14	194841
222588.6	138663.1	0	0	0	7577.524	315866.6	301527.9	5162.956	166151.5
2577574	2698295	191569.8	193886.9	159864.9	39939.57	18076.24	1009129	360470.2	1484911
1.39E+08	1.14E+08	15216305	8999144	30945766	32437713	85044668	3.04E+08	3567051	74104075
10741.26	8196.247	117515.3	136426.3	535131.1	946596.1	50557.28	11199.56	0	7250.239
363581.7	268393.3	91771.04	62420.54	41453.38	34075.5	339039.4	705742.9	0	518736
8781438	7889438	380565.3	355382.5	951010.5	3312074	3045894	7546372	452949	2961632
132551.7	81362.61	4375.27	0	8200.011	8058.835	184923.1	170767.4	5951.32	97439.64
10752812	2833705	4417583	6466171	7079273	11816959	8251811	9696173	7686219	9158479
302463	206708.6	645784	985825	298652.6	1105721	275445.5	565200.3	36676.14	159495.8
115168.6	106671.2	2858.401	10034.53	3325.573	45766.03	29833.94	0	129657.1	252190.8
849268.3	595287.6	265887.5	37970.98	196280.8	340937.4	673908.2	1744940	364375.3	337915.7
7721232	8503852	0	6475.538	6901.636	0	0	0	18597437	15038797
285405	310167.2	0	3168.869	0	17021.83	0	784154.7	0	108528
21418904	19742353	1109559	732950.4	1877006	13107085	617857.5	1557924	6159705	51412855
916055.8	877083.4	223662	187930.8	129475.9	15693.06	48099.7	34770.8	1416123	959240.7
4334570	2633892	406478	402855.1	750624.9	2727105	4465221	4502715	1012900	4585068
2082677	1166503	250830.6	96065.35	311512	2152220	1613181	3593311	850724.2	1610121
60494086	62190857	382866.3	949645	6427266	1043256	11953409	1.13E+08	1.4E+08	11759233
1449174	694376.2	24407.11	14693.66	26562.09	23125.5	2249272	2021584	416103	1625540
1957276	1886691	12714.77	2795.495	18173.48	85881.42	1114109	4384293	795428.6	3552325
20744110	9773909	314677.4	559177.5	1069778	3420807	31323293	24822894	5763987	16166829
883284.6	739704	0	0	9080.551	205948.2	785284.3	1268091	7385.914	209376.6
21024.43	15876.92	0	363098.2	2182467	334978.1	1241149	30907.76	0	7877.492
1092263	927734.6	4122.465	16406.09	24705.29	622050.1	572753.8	716697.2	572898.3	672134.9
4975939	3467115	63910.78	23335.87	150338.8	3325104	4634578	8038195	2730881	5549762
1989473	1590625	6084.289	11433.34	14052.91	11287.66	2254775	4293515	588912.6	845356.7
723105.9	373221.6	376647.1	495182.9	428416.5	437545.1	185680.9	1019780	278206.1	353170.8
113136.7	100236.5	0	0	4726.995	25335.96	80585.45	187716.3	11875.42	74998.33
634579.6	352069.5	109659.6	43602.88	155267	747560.5	313740.4	944000.8	205123.8	308011.4

46585.54	28301.31	143320.8	91322.71	75231.01	110322.3	24711.25	73340.73	70526.88	17509.8
4955615	4211818	1670894	2240895	593066.1	730460.2	553239.3	5089817	679533.3	1251473
1068423	668850.8	48414.1	17509.36	130625.9	1071143	764627.2	1253307	26484.5	834765.5
1491021	1116989	57751.35	27404.59	128296.7	959486	1123462	1111810	127626.3	1058253
295682.8	324269	2832.397	2646.027	4139.933	7200.948	0	418735.5	5386.972	59358.57
253535.1	280413.3	0	4303.767	0	0	0	445218.7	0	21087.26
80594.45	6792.024	115168	124746.4	149799.1	526567.5	266129.5	74495.75	90667.34	76075.6
14679625	13507418	403879	0	1038339	502404.1	10315433	34442765	4632.399	17995662
17772.65	36248.67	74489.73	99693.75	172322.8	518862.3	75119.36	0	0	6439.108
86317.64	70786.88	0	2289.319	2531.604	34558.98	68682.34	115211.1	0	96515.87
604496.3	507692	84786.41	59316.05	69107.96	117497.7	400840.4	1402853	92590.73	249356.2
13750207	3648208	6305426	10220033	8900064	14100730	10771544	12407980	9887350	12742397
19228015	6361589	5255652	9083417	9208516	21374809	15567781	16201439	13089307	15089185
283695.1	208762.8	0	0	0	0	363341.5	562963	18977.32	253984.9
618484.1	404777	88456.73	101069.8	51055.91	750542.1	87332.79	1083452	222686.6	203412.4
1142285	406045.9	856820	2583316	3053032	2162833	1244750	757582.7	1380680	1717938
8167.424	10422.73	150360.9	88465.3	287751.8	18267.06	9348.942	9317.666	6154.777	25364.68
573234	143918.2	774194.1	1203225	629312.3	813044.9	593500.7	424967	536809.1	483654.4
990919.6	211621.5	436105.2	655268.7	691980.3	980742.1	959529.8	1027737	659116.6	929577.4
914594.4	880823.7	106087.7	166524.5	113930	186103.7	49078.72	772805	70616.76	153705.4
4239760	2467001	0	0	5901.149	499947.5	6181670	7026647	565893.9	3341681
867919.6	844336.2	103767.5	122570.1	29995.73	159564	136948.9	554867.8	43479.99	1739967
90489.38	36115.97	316366.6	519980.5	84681.25	940240.8	142690.9	70499.8	61221.45	68127.61
411030	42924.86	680265.2	378864.7	553549.4	603852.5	413325.8	381455.2	371775.9	387936.6
224510	181049.2	6709.565	2579.816	39240.74	17468.17	219707.5	343148.6	58801.98	394200.6
3874559	4321291	0	0	0	0	0	5642226	10635907	0
38235317	24969352	5957276	3260113	10544745	16456128	38180153	50128125	1574542	27616612
610159.5	561946.5	151807.6	156291.5	142322.7	82335.75	0	1013427	5376.609	10520.19
310142.1	179480.9	39220.14	68140.31	83039.2	269647.4	242968.6	239831.6	26173.81	457454.5
225028.5	162603.1	24230.24	0	137322	29880.96	185124.5	320341.2	65257.02	128639.5
276871.8	197433	0	0	0	0	367785.9	539215.6	55668.94	394596
620548.8	293218.6	0	0	0	0	983141.4	997085.1	186261.4	556630.8
21779.05	20122.62	114718.4	18898.27	165317	257087.7	12959.12	50827.46	22445.24	6200.699
8604155	7353387	811949	493433.5	1927462	1943454	4944785	2538830	20028803	11923597
1237747	997129	98537.37	52279.42	528698.9	850230.4	173809.8	2270128	70861.6	284261.7
721366.3	490159.5	84432	86133.34	330103.7	388301.3	504496.2	1223083	124974.7	390222.9
28842.75	27674.77	135616.6	56080.72	136048.5	402594	53829.46	71130.9	0	8737.113
1969204	2190395	6467.944	10638.85	5104.929	22037.61	16524.19	5112169	3442344	281918
1917754	1933222	64094.96	51817.51	111901.7	168813.4	566483.8	399736	4881469	2887572
136964.4	113902.8	4622.557	0	8545.396	8196.44	137854.6	210862.2	0	66423.44
3537804	2776596	35819.17	41087.74	60139.16	56798.38	4162447	7473904	1008597	1648525
354254.1	267759.5	85557.95	168328.5	164693.6	90210.16	68746.05	354788.9	98394.69	84761.85
805113.9	732204.3	9883.644	10234.29	51291.78	220968.8	462617.5	1459348	99455.71	523420.9
3930316	3046519	672266.1	94185.04	924550.8	1087129	3150673	7684999	325301.9	1361349
943169.9	322656.8	712555.3	2847639	4039738	1813083	1234870	669810.1	1107070	1384668
243258.9	63447.76	73361.02	145558.4	188278.1	240871.5	211157.1	303718.2	184185.9	313724.6
496664.2	364779.5	767019.7	549656.7	1057541	2804312	1325616	739996.1	31348.2	396985.7

371124.9	408464.9	0	2433.901	3617.361	6183.472	24544.54	591409	16872.08	272446.9
1664568	1769544	36412.16	32846.75	69128.65	14251.78	292561.1	151709.6	4513970	2166918
2812026	265826.9	409460.4	548335.1	533696.5	3442707	2719073	2782540	2854094	2753702
879774.6	676496.5	221164.8	363805.6	81025.01	614512.2	90044.3	666629	1818860	1311576
252709.2	261483	9413.811	9822.958	38261.28	9852.768	32250.17	21144.48	387437.2	129745.3
98049.58	89001.88	18784.7	29064.33	0	19575.76	26801.24	123446.1	0	28196
55175676	35548434	18583729	6323322	35060199	3958395	47968519	74801266	0	81746088
283881.4	128091.7	535483.2	496386	457510.1	163707.1	715767.3	144560.7	387895.5	178586.1
669146.8	293167.9	259836.4	995383.2	1740833	2028105	1454022	910310.2	435822.7	320920.8
233398	188526.6	143205.3	255900.1	650497.5	715403.7	790989.3	368061.8	119768.4	91325.13
2329984	979281.3	1165506	861551.9	832484	2416558	1658820	3635187	1739932	1306714
905478.5	437480.7	331278.8	252230.2	279824.5	571616.5	975558.2	555802.6	401457.1	885500.2
3464011	3174091	339108.3	84226.45	982928.8	67454.53	1733333	8771557	555360.7	1588082
4408387	1881900	1237676	1048736	2014782	2876829	5074433	5067196	6530217	5567891
10109596	4197859	2323799	5125322	4353559	10311404	7759717	8205548	5794181	7749668
671037.2	721058.2	2277.022	3437.221	48668.45	66964.13	30879.25	1631956	12209.41	251956
2560855	1942712	16566.75	5732.586	0	215877.4	3122568	2605150	4229.214	1967728
2170732	608958.8	866249.3	1301729	1237171	2342480	1825648	2084829	1557637	1768888
718279.9	570007.4	48145.27	33060.23	22353.31	124660.9	735836.8	1399792	49797.31	422192.4
320383.9	304351.1	720911.1	537392.3	1066711	143184.3	1154704	606560	162504.7	69976.43
199747.4	224482.3	0	3048.866	0	0	0	137410.6	0	8223.179
420430.5	306736.2	118138.2	35329.54	69473.77	266462.6	243801.6	301109	57345.63	265242.2
19053615	12574963	2069333	1246315	6184676	3159877	22019654	35019666	6816567	5633564
429516.5	353067.3	60438.9	72195.29	205648.6	53893.28	189452.7	114944.4	53134.43	404433
161331.5	146994.7	8380.417	3103.545	5938.9	52360.67	84370.47	117117.2	24367.21	200004.6
334730.5	212938.7	223310.4	710900.4	520972.1	892433	606829.6	328930.4	69279.03	204927.7
605030.5	385990.9	5485.008	3226.225	47786.38	172341.6	791911.8	948383.1	85088	433510.3
17997732	12003322	90810.18	59499.3	403022.2	3404326	23917230	23475641	2131860	9674459
21165.99	23554.09	0	126079.3	824006.3	348678.7	1470776	0	0	13282.66
5802110	4009296	427929.1	918578	564442.7	1205848	6721803	11207332	843397.4	3037801
368786.6	351955.3	32106.24	21788.13	13124.28	102262.4	116288.5	515615.7	4525.97	80419.55
550730.6	247994.7	11813.18	2942.774	5383.093	11208.48	878859.6	591648	183656.2	498336.3
424597.8	337467.5	0	0	0	39678.3	487653	532585.4	38265.67	210482.5
1038194	751583.9	43766.05	39226.54	75444.72	568352.8	984894.2	1541472	163072.2	661493.3
45593930	8471541	25509863	35153154	34431582	48644773	37915235	48202871	35392036	41681335
345903.6	204292.3	41398.22	2478.394	115320.6	80291.79	438905.8	263004.3	164012.1	179868.1
148973.7	127903.5	0	8074.471	0	72441.09	94945.56	279671.7	24857.21	7846.193
10411838	6067257	76661.59	31031.94	266386.1	3635348	14354036	14671207	1397996	7372033
7554964	4386462	3452948	4807043	4223654	3767505	2143137	7141445	2791129	3798030
384483.4	35116.66	298870.8	348512.1	343866.7	407704.1	303081.3	377030.3	338860.5	381211.2
351914	366283.7	808176.9	839170.2	1483187	361540.8	489843.1	0	43442.72	796142.4
230463.9	166113.4	0	0	0	162258.4	210122.6	163130.5	207093.9	175943.7
1374910	202869.8	984306.3	1152830	1258236	1428205	942363.5	1315609	1191285	1187982
169602.5	176821.6	107187.6	373227.1	270213	575545.2	552178.6	192774.5	24797.18	73444.54
283835.7	238216.6	9341.742	8367.815	22480.26	61749.06	248459.2	400875.7	10953.62	112093.1
208695.4	106568.8	314215.9	439643.4	188876.2	790838.7	340801.7	68811.86	235908.8	210092.9
2334514	1674403	2930.04	10798.66	4166.808	163314.2	3069395	3063469	303794.4	1229961

393555.4	419402.3	24869.82	31252.44	29783.94	14113.72	20301.94	317012	54634.92	89659.85
435690.8	181945.6	25921.46	2821.562	34830.7	534070.6	381036	702584.6	421488.8	221538
8149090	9065782	25461601	14996499	34194593	4168297	18468399	23641097	145062.1	7598160
796297.8	596896.4	34835.37	26239.87	65015.36	533463.6	616224.3	655502.8	51835.35	524041.6
350158.7	387783.3	0	8469.54	5697.494	5251.48	23851.09	695733.5	47476.03	151851.5
573139.1	218057.5	92215.89	285622.8	212787.8	594675.5	507788.3	448187.6	281479.4	570355.8
6888728	7824220	0	0	0	0	0	16906274	13598162	617607.6
705269.3	626693.6	0	4876.493	48147.49	193332.2	502178.6	1345361	0	866054.3
926030.4	746814.3	248912.6	347800.4	273132.9	380760.5	93150.72	959084.4	93162.18	281429.9
2460439	1483798	206361.6	146971.1	429145.4	1546161	2710025	2866966	536452.6	1299925
2507676	1300635	308416.3	99922.35	533403.4	2578120	2233535	3693954	1103719	2200118
3177582	3585043	24390.64	44130.01	43768.83	17141.56	0	0	7570152	6520168
525962.5	339566	24892.46	29901.56	82567.99	381322.1	504264.4	543249.6	362698	234350.1
190382	142052.4	135330.4	174603.5	870948.3	1605442	821036.7	234259.2	87876.16	102401.7
416749.8	367111.2	4637.134	19871.05	32687.72	99976.37	302332.1	851232.7	57423.25	96191.81
162929	133602.7	16978.18	30936.82	37848	42665.28	98426.2	129815.6	14929.55	68101.02
3318650	3689654	102639.4	101975.2	112832.7	55355.51	21885.37	0	8245523	6204531
19764826	22383905	80171.24	113318	113527.2	53971.01	193787.7	133967.2	48505351	38548965
713729.3	576000.7	6594.931	2380.304	60897.37	481258.5	446272.9	1110941	91702	577144.9
718276.8	732820.2	49627.79	44954.77	73308.55	28225.29	178589.6	372647.1	72222.15	134335.4
704754.9	297916	468825.8	1621398	1740620	1486114	771989.2	403171.4	854084.4	1149024
8292030	5657973	453424.4	272655.5	660448.4	1885885	10375549	15662531	2479457	3977605
106384.8	82063.07	0	0	0	74827.92	83445.92	218878.9	4716.483	68953.13
337532.7	362453.5	11509.64	44736.71	15879.18	13866.11	12449.18	564529.7	10590.28	121190.4
1956274	1468508	45567	97522.73	774765.3	1018178	1328818	1521731	1095247	4530067
138575.6	71175.06	61603.36	40326.39	126630.9	0	117124.8	177292.1	50629.55	111862
9752655	3293740	3684721	5020891	5257837	9335477	9148042	8495264	6198638	8576840
1154235	1306433	0	2523.184	0	22622.84	22267.72	1261704	53690.62	725103.7
181277.1	128744.7	2730.318	0	3716.144	150162	148384.7	316273	40376.2	109469.6
2598674	2084709	173684.5	119061.2	455260.1	1054824	1967984	5752902	122985.6	1951709
10239653	11049453	145255.3	166926.4	179027.9	1186443	1152237	1211472	22982191	21571970
10455461	1191467	5502774	7547362	7668159	12323270	7995369	10501185	9011270	10655212
334182.4	217750.8	218204.3	718488.4	518902.1	916752.2	609191.7	297956.3	59716.36	221180.3
7613975	4783850	1162952	679244.4	3134723	3949196	7324453	13757719	2205481	3602461
41517772	47278890	307055.1	323627	315367.6	200846.7	121340.2	33550.81	1.01E+08	82380574
256277.5	174423.5	89456.54	70758.19	61101.76	7355.908	258871.9	410422.8	30414.81	241095.6
152296.2	154018.3	4018.226	17808.53	23033.11	8489.731	36192.32	48996.37	234806.5	385524.7
1109831	981018.9	7631.237	2351.579	523077.3	26943.2	679046.8	2575756	551453.5	1564831
55719.77	45315.98	176192.9	89981.26	414371.7	57067.04	156680	51518.21	11909.47	32350.33
41887418	47859782	188639.8	200327.5	129458.3	63339.33	83166.3	62243.13	96411272	90699168
359318.1	293320.3	69001.44	53549.22	278507.4	104023.6	0	416458.4	45707.57	63704.09
6650825	5114705	953012.4	1290164	1326801	4096386	3217182	11614299	236357	2682612
1082149	1229777	14224.81	0	6931.553	9469.076	18352.37	0	2824352	1873728
363999.1	291210.8	5293.591	7494.151	16505.03	0	427591.9	723167.2	104419.7	180642.2
631651.1	536921.2	39129.51	153700.7	60737.53	441778.7	111759	347478.4	114884.2	274492.5
1473369	1405864	210429.4	253240.5	244740.8	366744.5	167859.9	103603	1641270	3558589
2721570	3054224	0	4205.36	0	69057.14	232309.7	6659002	0	122428.3

417835.8	398932.9	3514.203	2888.419	3942.995	0	324984	943565.2	67135.71	103546.6
160123.9	183975.2	0	0	0	0	0	140616	0	61008.38
413428	87113.84	572233.3	770232.4	639434.5	1993207	689464.3	441928.1	388927.8	284839.5
145608.8	124130.6	17855.98	0	12246.62	13177.36	133421.9	340837.8	32061	49104.4
4194329	2379742	435078.2	338677.2	737171.5	2958908	4678786	4954208	911650	4307201
283923.1	201276.3	115874.8	128396.1	138067.9	85903.41	76264.96	136033.4	100648.3	180145.4
3917623	1484285	1398147	2042580	2227221	3873221	3102632	3103170	2415825	3430905
1.36E+08	1.14E+08	15566390	9123596	31359376	40175352	85779781	3.04E+08	3482254	75723572
3042467	2451113	7998.362	6871.044	59785.87	1464536	2693938	4419157	69952.59	901092
5318547	2661746	142274.4	129079.5	2691564	841483.4	7285477	9311837	2881019	3157046
431509.9	117945.4	220785.4	289561.4	299624.6	506190.6	174053.7	472553.2	332056.1	433515
215160.6	141232.9	0	0	2667.61	36049.16	298593.8	327949.8	14761.72	185314.8
30158212	17429031	247129.2	136176.5	754185.1	10673488	42283811	42741431	4395375	21353864
623703.7	114402.4	786380.4	958074.4	809055	1043913	485739.9	704569.7	713841.3	535618.3
227206	171161.3	35631.35	52410.51	36334.89	102323.4	161791.2	229726.3	131994.7	94648.08
780802.1	123178	632268.9	389167.1	637458.7	820825.1	661157.4	780279.3	656821.7	677506.4
12130334	1681835	6908639	8611268	8874434	13024016	11600455	13711389	9363739	11935067
215405.9	109932.2	359142.7	413269.6	115954.7	597512.1	392074.2	126213.5	137606.7	171059.3
171223.4	126099.6	0	16826.37	11950.84	137427.8	121898.5	376696.1	36493.82	124727.2
877221.3	308806.8	149819	91038.95	308758.4	1001269	834158.8	396523.1	1246435	925061
325608.2	189188.3	12315.01	2477.482	18047.55	114109.2	451070.9	473102.3	197479.5	341754.8
5242980	4153860	119007.9	103987.6	537736.1	378457	5946881	7028047	10769809	1691670
9242855	5509518	46138.83	30197.76	191385	2646082	13088228	13454933	1097927	6249983
2880466	2055226	20998.31	2584.552	45772.07	516233.7	3730633	3594493	365496.3	1387637
400644.7	230394.1	30709.22	127425.3	124804.6	357034.6	308368.9	266535.3	133672.4	365340.6
25073.85	22224.39	100021.6	153631.7	61336.56	30241.41	20424.38	7040.549	63679.76	14930.46
3554438	3748697	0	0	0	21438.66	1529927	9476824	0	3961251
396524.7	259574.3	608014	987806.2	2773511	309826.8	1503208	748879.5	39843.25	483123.7
2014976	1831660	20571853	11993794	33486898	230900.5	2736280	4755811	173626.6	2917573
1393245	541516.6	1440472	1750794	1679844	2828219	2222309	2206736	1393543	1181976
146812.4	101664.2	203587.4	92376.11	288537.7	448646.4	606073	298852.2	66944.91	186534.2
38531.51	36183.81	255058.1	82652.98	321283.8	851104.2	62879.7	86152.92	9013.325	22450.7
506058.5	479432.4	3099.433	0	24605.84	289395.5	137333.2	73564.89	1253210	701716.9
765633.2	811672.1	2395.065	0	11619.99	137213.4	172414.4	230026.3	2023932	1152370
1009851	1141343	11076893	6255625	18878635	754207	959444.5	2688094	45080.5	1699647
5694551	5278787	821722.6	213382.8	1183297	865780.4	2608996	13244985	0	8237397
21687073	24308812	156476.5	153100.7	138937.5	1447894	1728067	11111592	9195028	14087398
301024	143852.9	4509.883	10646.17	16515.27	243350.2	375856.3	290816.1	202281.7	245915.9
83670.72	92722.1	7230.159	5299.097	0	0	6346.245	50787.07	31644.42	46279.17
136275.4	104015.7	7619.665	57638	39422.08	94490.9	31435.6	51985.23	34117.11	258292.6
258599.5	190941.3	4443.633	0	40815.88	20844.18	320437.2	370052.3	47254.49	142403.1
949280.4	1103204	0	0	0	0	0	2665076	811187.1	0
44960.85	46159.15	0	187712.1	1670014	292827.2	1731307	27957.21	83092.56	6494.206
89062.2	37579.53	240937.6	306280.2	295380.9	63718.49	63977.18	62164.99	101387.2	83944.56
11389041	13173459	47935.82	38296.08	28045.9	47839.55	187589	767290	28645954	22283212
388277.1	327044.1	0	0	60172.53	152182.2	303934.6	303088.5	187585.8	964823.9
378247.9	269877.2	487802.3	278665.5	900641.3	1523905	847212	514505.4	117858.5	59402.66

26102275	4638991	17506939	20786237	19236353	28633129	20283097	29749710	20328797	23125548
336584.6	390898.6	0	0	0	5209.217	0	814254.3	0	41383.88
2975451	2180089	571514.2	462533	626657	386307.2	3092036	6176814	22517.42	2791444
2339348	1281577	5974.805	10795.64	16086.82	83025.94	3661599	3726280	351074.2	1979289
186960	178225.2	42809.7	55604.89	22309.22	13898.75	35484.96	460263.8	5267.308	53739.59
88614.68	46119.66	286205.4	160956	578312.4	1761637	422358.9	97648.64	37889.5	159930.6
2188346	2246272	2456797	7958522	27457513	3527166	13223511	4626903	15071.48	32102.25
71625.76	54974.19	134148.7	48284.7	125463.9	228445	383469.8	138359	18857.69	55336.31
635096.4	297628.1	146205.9	161274.3	259264.6	639072	538432.2	431070.5	389152.4	435747.2
310423.7	194653.2	112964.6	154878.9	159689.7	172069.3	118711.2	470695.6	131605.9	68641.27
2991395	2068364	747930.3	428005.1	1720891	547112	2480493	5905992	68865.84	2906559
263865.6	302124.8	6563.947	3819.513	3081.245	8169.851	4627.47	530970.3	0	20300.74
305310.5	304738.3	0	3020.394	0	66840.15	150517.1	420589.1	24281.8	183908.9
105865.4	45322.48	0	0	0	0	175431.8	122284.6	106143.2	72914.64
301881.4	275480.4	19016.6	30169.15	66509.17	105888.1	108599.4	90122.44	459139.8	714143.6
270263.9	277984.6	2286.791	7316.919	25482.94	60724.38	66323.66	80850.15	35872.44	128402.5
326896.3	174454.9	14694.46	14499.58	61126.33	217601.1	405598.1	175560.8	521728	129098.6
124287.1	112415.9	2666.182	5893.877	5445.429	62279.7	62724.16	61031.51	0	81116.72
351203.9	87793	172847.1	186574.6	225074.3	387401.2	307087.2	363743	253011.6	322453.9
245094.5	269063.7	0	0	7537.744	6743.341	61942.1	675272.1	4140.349	60478.34
1066371	707886.8	26935.11	25911.68	54045.76	140443.1	1478024	1310825	55196.56	1147644
39166567	45586990	302083	309214	122277.1	296304.8	180061.5	74444	1.02E+08	71767535
9850685	11146141	47082.5	20665.02	73649.71	842968.1	697023.2	5066857	4107644	6190656
144880.1	60094.88	64275.44	47993.29	25352.26	113626.2	163404.5	140389.4	82361.46	109421.2
41102742	47959198	219761.6	207531.7	207669.3	152775.4	66795.01	52960.4	1.11E+08	69889616
2383451	1429905	3619.262	5903.091	23715.56	361562.3	3542472	3889828	488803.2	1901487
100759.1	77781.94	0	4172.916	0	0	129845.6	177129.4	0	51415.72
30084277	30389900	870431.8	0	1345481	877595.4	17404440	76359493	0	34684125
240106.2	162313.8	65834.44	61199.03	70570.3	106026.6	197944.3	278169.9	22794.95	125755.5
174930.2	107253.6	7535.886	55507.66	40808.38	101883.6	180455.9	54799.31	81356.76	183720.9
9316363	5951327	5986717	19414105	14075272	25388763	16972633	8993568	2529482	5606707
2705724	2432243	185272.4	180644.2	392677.8	475546.9	1883854	6336680	696905.9	3345032
1316705	923497.9	0	0	0	0	1871695	2646678	84457.18	1336567
32030.91	31758.04	208449.4	91137.86	232813.8	822667.9	98981.21	65618.99	5474.363	9616.878
237682	273961.6	4007.913	0	0	4278.217	14674.75	582285.9	11873.59	69616.07
1680209	873931.8	1337240	6364975	2853327	6435899	1932874	2612614	1337020	1009566
1297015	411716.7	1897169	1288133	1605131	6110914	5878645	2020572	1029835	1049769
401457.8	162137.7	219822	89434.76	255935.7	99031.34	484220.9	142589.9	509788.7	504703.7
2680658	1343013	26368.61	12405.35	20697.39	34138.01	4331544	4243172	741916.6	2855572
8498896	9891394	134422.3	169336.6	147028.3	30407.15	18086.39	739757.5	20640250	17876965
352241.9	281959.3	9105.886	0	33211.31	108798	361486.3	486022.8	10174.51	209083.3
153920.2	138257.1	84199.34	312995.1	439214.1	255904.7	661670.7	234280.3	84526.55	73457.18
183396.9	175370.2	309761.5	326476.2	1016407	2211281	472097	327040	9906.038	68948.45
33349636	5842974	20091067	28889888	25322118	35220545	26976614	34955751	26207608	30046540
313493	359164.7	2413.294	0	0	12069.68	29564.39	867016	128278.9	480410.7
36997029	76520598	70762651	41081616	6.63E+08	1E+09	2.26E+09	6428949	1.74E+08	801726.6
516354.6	395761.6	14812.21	27369.67	20107.04	37826.98	641144.8	1036195	138881.9	276477.4

221270.4	178150.6	52685.04	58166.16	61040.69	53723.63	124826	107886.9	44117.84	130172
893924.2	351520	622138	2042417	2342050	1782315	911090	582762.8	1118665	1389071
352363.3	260968.7	4881153	2904117	7741362	72419.23	69114.34	789473.5	150528.7	394949.9
863870.2	183261.5	544740.5	743229.8	708360.1	870683.4	602026.9	962815.7	639858.3	781140.5
12517810	14618702	41774.19	51640.63	7103.57	537602.5	51598.37	47401.55	32120605	23821345
1242344	1471525	6316047	2604135	4134935	643579	2383718	3529396	0	1883537
554538	655039.2	0	0	0	0	0	1169031	1350179	0
579542.4	443804.5	0	0	0	22673.06	761753.3	1273333	78477.33	547589.1
12774.1	14995.34	44180.59	14013.12	102771.3	239659.3	44708.72	0	11120.89	5136.593
1114677	1245628	34811.87	53020.35	76270.75	64910.43	75790.77	307708.3	3187983	1340643
58538.82	69037.71	53400.27	46732.91	242438.3	480402.2	230771.8	118174.3	5226.504	0
1334052	780113.8	0	0	10638.3	344667	1969322	1974336	148012.2	1026623
666418.9	459042.8	118272.2	124675.9	45508.32	498288.9	534297.9	556602.1	82949.03	452855.7
217105.5	213376.1	5996.761	4983.862	4414.486	38241.1	127388.4	349850.8	0	38037.34
1510170	946448.3	10101.28	6817.862	7970.973	663784.7	2023358	2705175	250013.6	1149502
59118925	61930807	1747520	0	2490530	1773880	27755248	1.54E+08	0	73558127
350624.7	177018.1	8742.479	3556.892	0	0	568202.7	385559.9	47429.1	388839
175399.8	144937	0	2949.22	3588.425	51568.68	180631.1	154767.8	6411.098	198636.5
228395.4	132338.8	51459.88	12200.71	196767.4	25066.35	226798.4	242054.7	111925.4	437787.9
20136547	3843405	13263040	16608851	14514989	21725209	15637612	20427622	15201471	20063611
653923.5	761804.1	18190.98	7114.355	8108.782	15589.18	6726.169	0	1713130	1185334
2135657	855148.4	3448238	2421284	11450062	52670703	63622874	2489732	1865946	1029314
768498.9	911805.6	0	0	0	0	0	1515182	1961949	0
58051.87	13871.91	168266.7	99702.7	363333	1075802	248312.9	72275.26	37374.07	65413.79
61418.59	96280.69	22809.39	134655.2	121290	452862	402815.2	12787.26	23158.72	7876.86
969646.3	595908.3	8364.973	2988.073	5285.001	405017.2	1328991	1443179	496765.5	1212487
66898158	79407141	3393.001	2666.858	5033.544	8574.022	23400.92	37612.86	1.82E+08	1.16E+08
11948881	1490687	6510981	10333337	9096987	12805994	10542287	12641120	10066472	10724189
438163.1	307095.4	0	0	5832.081	37739.29	614101.4	898238.6	58134.31	366260.2
764166.4	893240.5	12757.09	13289.23	8003.161	27542	0	13433.74	1555041	1892456
349930.9	249986.8	5826.421	3129.867	3852.79	42320.64	475553.7	409705.8	23837.26	170966.4
1040150	940396.2	50945.73	30810.44	97321	556314.5	492498.7	1120340	299835.8	870000.6
8559905	2388304	3944025	4805959	5408081	9526452	6976157	7810799	6214037	6988317
527981.7	684063.5	6882685	4092561	11064952	124385	120967.9	1694398	40987.11	573674.8
1367697	768883.2	3293.726	0	10965.46	34765.43	2163369	2312374	235654.3	1323148
187233.4	129829.9	57806.36	17922.69	116654.6	82881.81	111449.2	183065.7	18074.05	106839.1
65710664	69098918	1253230	187085.4	2609097	1777480	32021746	1.73E+08	0	81464819
388286.7	327080.1	6265.892	6751.081	93951.44	109183.5	327638.2	702419.4	15293.83	85178.61
1333235	1414816	64467.64	99230	96889.93	347254.5	115763	910512	3736607	99885.19
38087.12	26487.93	147660.9	51959.3	236026.5	864644.5	236888.5	51900.05	12145.75	8329.742
684684.5	427949.3	2555.244	0	4267.373	253683.7	949681.9	952634.1	70124	418694.4
1560677	1147143	158169.5	72530.81	919756.5	242239.6	1415253	1700757	306479.5	460904.1
5056019	10156461	39478.28	9168724	48933272	2.4E+08	1.85E+08	657234.6	23218812	124162.1
231270	273401.9	0	0	0	0	9275.897	69964.93	0	28779.55
270403.6	144246	5807.159	7736.345	3169.974	174227.9	361668.3	380260.7	69911.97	379095.5
139203.4	37098.06	64084.2	56660.16	43895.58	82390.64	187425.4	183668.7	135152.8	169763.8
1674410	1126060	16957.2	6009.111	264013.3	1332550	1601675	2317545	1027956	2025820

172690.8	121904.8	272284.8	302703.8	268673.7	416314.5	170454.2	47287.83	167224.8	59961.92
5206358	6211454	0	0	0	0	0	11678246	12200013	0
2263940	2661552	20258.64	5674.255	33812.65	29739.26	78303.58	14860.38	6614032	2869168
6870004	3122367	107785.2	131273.5	120652.9	1018673	11122059	7953438	2054095	5541540
5379536	4124090	25168.88	98387.43	725162.7	1541535	6079973	12278234	4910668	4786220
268866.4	256226.3	710725.5	833380.8	615223.7	690642.9	22808.8	44581.76	355151.7	657256.8
929546.1	781540.2	291153.2	361397.5	291601.8	356311.6	75207.7	1045222	141391	137819
79339.24	79205.73	512564.1	145523.6	598884	1632678	97823.3	191378.4	21430.52	13194.93
735347.5	484328.5	144311.5	52550.89	60496.24	740356.6	500982.8	1492953	406506.6	243257.2
1643741	1960682	0	0	0	9441.382	7610.998	0	4174076	3326923
2978716	3162359	278149.1	317177.1	279911.5	392892.9	402512.5	1007476	7984170	814972.1
838177.7	246513.5	13987.72	6076.391	14718.08	20772.17	1435602	1127572	495673.4	694098.6
64843.44	17837.06	178788.5	91238.36	397562.4	75940.06	128268.6	83797.75	38709.34	70157.36
396861.4	419574.4	0	0	4594.339	10488.63	213360.9	1021429	78366.89	102813.3
215432	254214.2	0	0	3412.998	4383.291	8457.867	0	105486.4	573486.3
221549.9	225014.4	0	0	2870.069	68512.99	95802.57	438175.5	4779.272	11426.74
422238.1	78164.51	1043669	558775.8	1863191	5487703	1378806	314609.3	396975.8	505834.3
2547502	1532392	78795.87	65121.89	111637.6	646958.8	3693194	3565803	294668.2	1639840
676948	380788.6	2341.638	0	0	0	1083036	1044306	117496.1	593435.7
13621571	8876154	2115552	915877.6	3347808	4471673	16424962	24738585	3016957	6510593
323747.5	214103.4	0	0	0	34779.37	474488.2	432645.7	48888.04	243103.2
285119.3	332626.4	2186.58	7041.627	2204.011	0	27853.02	619784.7	0	52251.34
420554.7	224965.6	59292.93	54967.45	51284.97	105037.1	606580.8	668372.1	76947.28	340475.3
130738.5	126659.8	234450.2	132124.3	367324.2	1435629	682045.5	127727	25450.98	45429.23
1387077	1622149	2772.284	0	23597.43	0	153836.5	3502103	27876.68	310933.2
3013401	433492.6	2163665	2856502	3029371	1780382	2717723	3477874	2604172	2502061
583091.9	68264.08	659482.5	860706.8	942311.9	960387.4	431586.8	555616.5	573846.7	586413
182220.5	110553	289832.4	192536.2	1035092	4651441	6045379	230435.1	83733.23	51019
40584523	23071229	4879663	4062769	8176425	30900216	45026419	43326891	10635446	39510593
216475.2	165991.3	64121.69	92086.31	88371.9	97385.98	49975.19	290131.2	17997.82	57841.85
594708.9	402771.9	109590.9	58486.38	225672.5	134887.6	660117.9	809856	13361.88	1031852
47286258	24460381	6362317	4866841	10044044	37814980	54667219	56367979	13496018	44924654
2140594	432244.7	1276996	1726939	1549894	2290725	1744574	2350750	1702319	1712971
117198.8	82483.99	35634.7	12607.45	89453.02	87189.08	7169.484	205050.5	23117.54	42908.85
50299865	9861219	27698533	36109876	37139900	57061305	39401098	51052035	41012560	45688766
1530096	280077.6	970978.3	1258508	1108002	1619468	1315842	1857127	1082201	1599694
989.5178	2212.629	0	225357.3	1663783	152827	800989.8	0	0	4947.589
2605660	1784314	413321.3	189514.8	602484.8	781372.7	3033198	4891496	557512.1	1092092
500943.2	587382.2	20221.53	20388.97	7670.289	17454.84	0	10151.57	1279526	977558.7
112150.1	132815.1	0	0	0	4606.891	4713.741	335971.4	4523.169	34923.59
207990.4	137865	5644.571	3218.662	0	14993.53	305356.8	339677.4	22812.29	149466.3
133157	103533.3	0	4287.629	0	103629.1	106905.5	142477	0	79524.67
1490399	1365603	207629.3	52902.76	514785.9	57586.22	924437.8	3817269	458093.2	673623.5
541196.3	225886.5	161289.5	292039.7	182734.6	547825.2	465990.4	410247.8	369964.2	372589.9
2702462	1951858	71422.73	67721.81	140541.8	1420860	3014742	4163143	1505874	2893750
215918.5	223026.1	28118.33	27164.95	38607.79	23329.08	37307.74	486071	4983.781	119045.1
951429	880803.6	199078.1	246924.5	184039.1	413587.8	60830.69	2071136	101719.7	309761.9

11223202	13498485	31992.17	17797.46	38824.44	44366.31	53365.33	37618.31	29672110	21388509
158598.3	101444.6	3664.483	7718.492	64226.43	42379.9	197265.4	276614.7	33093.22	106751.9
12038509	14477329	43201.35	81571.77	40522.4	35188.22	20456.2	6560.712	33510261	20064762
812194.8	468892	533471.4	1458627	1423195	3344128	1662627	841792.2	227076.2	462176.7
216800.6	91118.49	104569	80966.94	74792.49	121895.6	261515.9	213085.4	108696.4	280540.4
26201.67	22193.66	113353.3	108481.6	104836.4	1701342	1423739	7729.998	5017.942	18576.27
679017.3	606031.1	97549.96	124850.6	164532.6	270276.1	229209.5	375303.5	210974.4	401633
483418	212138.1	625212.5	825779.6	797286.9	706252.5	439906.7	287272.3	305439.7	417480.1
172296.1	85950.51	2916.203	19268.37	39005.47	242585.9	79728.49	228152.7	140390.6	130954.1
37510926	43123174	129570.1	149566	4086930	326425.8	4712833	69624689	96850352	5292820
131269.1	112671.3	186486.9	227536.5	135852.5	477144.3	268017.9	88551.66	56061.21	40559.52
1286212	923739.6	207820.4	307544.7	240270.9	1240372	506784.1	2833676	647028.7	511189.8
522659.5	506435.6	82647.35	130110.3	90447.73	141624.1	76931.29	459959.4	29325.28	106271.9
367620.3	229513.5	0	0	0	6986.99	570020.8	642524	12833.56	437540.8
286093.7	171805.6	423673.2	250447.5	347268.5	677273	738919.5	502261.1	135177.8	223281.2
1811543	772910.8	174309.9	106914.9	617701.9	2291070	1415032	1482261	1185452	1207323
128780.9	94322.24	0	0	0	22829.7	173919.9	200842.7	13919.34	67426.34
13341684	5315509	1592540	2281150	9884991	8732132	15427011	18676204	5697656	14058484
190244.1	211541.3	6280.502	12348.9	9370.823	16944.92	34163.64	20796.33	203417.5	539867.2
4781039	2834456	595144	237753.3	813775.2	5370345	3530985	8423327	1833532	3716021
2679992	1025805	2210094	807159.5	677309.7	3003596	1494018	2556716	1588948	2013088
886286.4	661743.5	3044.686	0	7145.511	363118.4	1060852	1726372	155429.2	562882.2
530116.7	618772.3	27259.26	22565.08	28073.74	21964.1	4410.518	0	1318361	1073726
29092.1	29313.78	0	162322	1336842	229751.9	620495.6	73350.37	0	5342.472
1144312	641074.4	470465.2	658354.7	484089.2	838204.7	624247.1	1991684	393912.4	623403.5
16736752	9733535	93849.8	31973	484429.8	6498353	24260046	24102338	2169053	11696573
3566168	2235694	87948.67	74273.46	49982.8	1631912	4821496	6485946	636485	2667754
22236035	27023310	5918.16	2483.219	7228.274	21384.14	0	10762	60631113	40467102
5263.872	7849.467	6428.256	11329.98	38288.86	142558.4	54139.84	8764.005	0	0
198833.7	116349.2	246663.9	281819.9	261790.4	519422	280301	332438.4	99549.36	59362.31
814063.2	781387.8	0	7446.437	29012.54	422471.1	382326	520768.8	174353.2	539763
1629624	1268188	277181.9	295604.4	1105329	402819.4	823078.6	3801551	1309615	1326866
3279207	3490803	0	0	0	275182.9	1743338	5442161	26418.36	8262602
1922879	712170.5	672896.8	1065376	1049993	1951603	1630731	1635008	1155719	1511097
105887.4	117624.2	0	1992.033	9773.155	16063.95	18972.22	230668.7	15337.77	28818.5
4490606	3182244	6551900	20250561	36514013	5890873	7635160	5202714	410500.7	5065338
2097105	989767.2	6433.78	0	6471.161	9211.964	3523225	3459156	683599.3	1937278
91934027	57125539	1438982	980745	4451769	27727998	1.32E+08	1.64E+08	99011645	92507498
695214.6	556203.9	10045.77	8489.125	22739.14	82376.76	863958.9	612104.7	3853.701	604856.2
232241.1	137059.3	160081	172458.4	156046.3	72004.31	19233.75	215094.3	72360.68	144982.1
781914.9	952588.7	0	0	3948.618	6556.52	0	0	2059765	1540675
743527.3	588352.4	5095766	2418639	6815537	379734.9	594721.9	1601431	0	937083
287980.6	268933.1	458817.1	412702.4	1112001	2624224	635287.1	379090.8	26947.67	82290.77
52986616	43483676	8607171	4167768	16976942	10595383	44176994	1.16E+08	1070972	33779303
94448.91	70407.9	96452.35	220873.9	388329.1	113608.3	165347.9	192841.4	0	86703.42
135288.9	148982.3	13586.03	21385.28	7591.892	18380.78	7360.531	0	365379.7	170732.2
196376.9	232107.8	3956.074	6899.534	0	11049.39	12565.79	245332.5	12131.14	37655.33

2886287	1936791	6054.099	0	10543.82	71738.24	4359703	5564066	237288.2	3092377
78729.08	110652.6	822548.6	835842.3	2608556	35775.89	234002.9	255681.7	0	2647.223
243093.4	249291.9	0	0	8597.878	73522.94	113621.1	328519.6	23939.52	107624.1
7011439	1417020	3665261	4936734	4829450	7572941	6457963	7359695	5441187	6345658
948661.4	528762.5	35795.67	22899.63	72556.34	136856.4	1471665	1577191	254465.6	891946.2
231590.6	192584.4	0	0	0	0	295485	478813.1	34006.08	213590.2
316663	191524.2	41907.91	11280.2	63328.5	113625.3	424039.4	245519.1	341244.4	79635.24
3288608	2701917	433351.1	475088.6	635972.4	1921454	1891345	1727059	1005192	1365978
673988.9	413336.7	4659.555	0	7681.751	208330	988026.1	1168004	102395	548474.1
135355.5	120512.5	49433.19	389543	291194.3	542007.1	219950.5	71518.85	11923.96	82497.23
1927466	2282621	34982.35	17735.05	11866.86	112356.8	156642.6	1137990	748501.8	1018098
1.75E+08	1.86E+08	2836781	209330.5	3676215	14498683	94232401	4.76E+08	10827053	1.82E+08
94523352	1.01E+08	1587484	265263.3	3833670	4443848	48587889	2.58E+08	0	98927216
455694	555547.3	0	0	0	0	14825.19	278861.4	5129.664	577172.5
252977	216881.1	895531.9	1144255	875958.1	229004	73505.98	146413.1	558278.4	401592.7
171851.5	131282.3	0	0	0	0	240114.1	356878.9	0	111267.1
27506013	33342391	455865	354806.1	169045.6	301874.6	489099.9	25725571	85311549	4898465
552087.7	300073.3	8725.077	16825.45	53282.78	55315.7	871165.7	749454	267679	278588.1
17986.97	26665.52	152577.8	26503.22	179923	549350.7	43100.19	64086.41	0	0
183081.2	142031.9	3179.646	0	7462.923	48636.93	224235.8	313434.2	93744.16	350310.1
835458.8	847320.9	27886.24	95617.93	121107	139772.6	342379	372502.4	2271517	940316.1
547653.9	606233	1371128	2185412	3709724	11296173	1303985	635561.1	79410.04	207204.7
1119570	1030539	426669	438697.8	363824.4	116570.6	54223.16	465588.6	2823834	1362631
47868620	52098392	1274398	178261.1	3235839	2663672	19876201	1.31E+08	0	60233207
3197559	2897480	213460.8	151793.3	489504.9	1686307	1608003	2056999	346596.3	1359933
443206.7	300079.4	124069.1	36813.32	113074.1	142790.3	497444	866228.2	112770.3	199680.6
30940.93	32154.7	142228.9	51905.46	89650.58	43836	30608.86	62552.42	5711.346	18310.91
5851545	7176136	15627.69	15090.46	11493.89	14651.31	29527.68	5843405	18206618	565550.7
82313.4	36889.56	118001.1	150499.2	69887.02	161988.7	349975.2	91626.67	113211.2	44711.25
334991.6	406460.7	3837.48	3314.806	0	16957.52	0	7797.346	867868.8	677887.7
11896.34	10746.78	147803.1	227290.2	334656.4	1122405	7484.603	10176.6	5122.133	16446.98
554024.9	431979.7	149970.6	214855.7	204879.9	300040.9	144672.5	299366.9	652871.7	1265570
61118.12	48998.37	27750.05	211487.3	186713.2	125276.8	84273.44	26983.71	80593.7	138386.3
384156.9	461437.6	0	8144.944	3687.403	35997.32	0	0	1024078	724214.8
705009.6	592730.2	17691.47	34225.31	259231.9	337753.8	448077.9	459266.9	378500.6	1749088
14446075	16164611	1182024	1869940	1834189	375042.6	1374689	39771935	38094.1	14102353
192522.6	215177.3	20884.03	21547.83	6892.085	27075.72	13203.57	328778.5	0	39465.86
28573615	34651825	576015.3	639282	470715.3	269413.2	341569.6	143233.2	73718531	57827842
282476.4	132988.7	22676.35	3116.49	71118.08	414072	123934.5	282744.1	61500.12	296842.7
3166706	3824555	62318.02	85580.45	143343.7	42376.24	6728.495	18460.37	8475008	5926871
88101.62	57424.12	64917.16	54648.74	40454.04	42311.92	0	84607.03	18216.39	46781.77
506064	362595.4	0	6850.726	0	21578.03	736029.8	971391	65119.32	467897.7
826661.4	570111.3	129327.7	67566.55	158256.7	244375.1	1004238	1244987	238018.1	498236.7
1092994	749003.9	0	4715.919	14917.7	9297.846	1646655	1944446	68243.85	617617.1
121844.4	44241.1	210043.3	90938.34	353261.1	551461	151583.1	75686.06	82703.21	181739.6
72528.11	76024.46	0	0	0	19750.72	34689.37	84402.94	5605.77	67098.48
700405.1	554236.5	11269.99	25194.48	23266.19	436840.9	655024.4	959086.6	375318	236592.6

626648.4	246250.9	167981	295870.1	314503.3	652734.5	552237.2	541211.4	307017.7	596594.8
414593.2	76098.01	225943.7	367534.3	307285	446999.7	322897.3	471505.1	311851	354196.2
235646.5	272749.7	0	0	4331.326	70759.26	0	179548.8	11289.84	57408.12
151034.5	140702.4	269195.7	225728.4	729391.1	1658118	320030.8	152876.6	31392.68	78338.94
1.75E+08	2.16E+08	277697.3	306625.5	298350.2	198717.5	79868.01	37606.58	5.09E+08	2.71E+08
3639556	1838795	751641.9	616147.3	1306488	705413.4	5152134	5252611	1295042	2099159
217506.4	187738.2	6360.406	11727.65	16760.17	175809.5	103825.6	263382	17932.15	53428.99
173919.6	149103.1	164878.1	563593.4	292089.4	370702.9	245726.8	310243.6	23496.18	48817.92
42210.08	59633.57	60349.04	32084.68	277193.2	218691.9	80482.31	148681.4	17479.63	15873.49
46849.03	22044.94	64008.36	583486.6	169800.1	270785.4	37298.9	43391.48	70320.81	68920.52
471278.5	475566.7	61650.87	17538.32	38603.19	112602.5	204933.3	1294454	105185	219294.1
757814.2	327452.4	268205.5	307931	254362	890061.2	531940.6	1171878	453234.5	453544.2
131920.6	51171.81	175383.7	471115.2	1144303	202867.1	287144.9	171410.4	62844.4	102279.9
290064	136179.4	1338364	631312	925280.1	4429421	632306.8	354354.9	231543.7	223145.4
213056.7	106965.3	0	4756.911	0	0	357698.1	193932.1	41592.06	246596.4
574631	889108.4	2328400	2646099	883567.6	745327.8	866318.4	2144897	16419.36	395534.4
166863.7	115811.7	0	0	0	0	252146.6	313549.6	4571.905	166069.9
1.02E+08	1.1E+08	1335009	322583.9	3862480	5364081	56715246	2.77E+08	0	1.09E+08
199770.5	85009.32	125357.3	131886.1	109764.2	63243.36	203755.5	202510.7	110857.6	258880.6
259324.5	299241.6	683002.9	1129873	1926911	5840473	563178.5	185876.2	136872.9	71625.8
3507914	4280454	30251.57	13050.07	155863.6	12649.27	107165.7	9951745	130148.6	1329639
16059612	16724951	1064682	674635	2028253	1628503	7518002	6405191	43045839	21734340
3547825	3319322	116162.6	38602.72	138121.7	952713.9	2934688	8196077	0	2936394
761622.7	487840.1	165561.5	188307.7	139901.6	848640.9	366201.1	1565740	396735.9	347175.7
12547624	12617736	595719.6	273520.9	4242298	6381444	379645.6	31740166	329431.5	10298649
165990	181040.2	5700.811	0	0	28466.55	67407.29	198818.6	6254.816	76732.6
660251	558780.2	10061.14	3276.92	11018.03	87288.28	785490.3	1627834	186692.7	450323.2
47446810	51460940	649670.1	68099.59	992599.8	2886145	25383089	1.3E+08	0	51630119
237450.5	291051.5	0	0	3868.05	6351.519	8303.426	8009.672	409043.7	667790.3
19112.66	16635.89	68488.98	45754.76	158195.6	481166.3	72047.84	7279.417	5881.795	16662.52
98284.29	107521.9	0	0	0	0	57928.75	276509	4919.277	23623.08
168839.9	82270.83	193158	277516.2	238457.9	248049	222872.1	140393.7	148131.6	60682.26
239621.4	257415.7	3786.63	0	0	9445.204	146808.4	641898.6	0	208726.3
195741	43192.41	45418.12	247784.2	39148.8	190002.3	59833.83	229550.3	189783.2	154984.5
9464050	10067340	161848.5	0	714928.7	246700.5	5624522	25557968	0	8587596
18583631	5347093	8472732	13568437	11517212	18819321	16304423	15958997	13144772	15757703
5178467	5792358	63441.34	98117.75	0	311523.1	2150511	14342300	0	6120127
3542634	4400301	11079.92	19012.05	0	29495.43	0	31409.36	9835424	6474355
978523.1	954715.3	13639.48	0	11418.92	212648	774931.7	2549196	0	559203
4514397	5608351	9546.302	10226.15	3733.467	23188.74	26339.03	6176.177	12202250	8749387
280716.2	126071.7	220608.2	650211.7	932848.6	541552.3	263212.6	180189.8	313566.4	459961.3
4501.964	6631.988	53718.15	64293.93	244737	574439.5	15871.03	7796.193	0	0
197059	155610.2	14726.11	12695.79	200657.1	28075.1	78916.23	124359.2	465220.5	157269.4
72241.36	11974.29	266566.8	397458.5	229306.6	54072.52	29848.47	82754.61	80005.37	70879.18
214217.7	213773.5	22747.94	0	25385.28	22321.26	139263.1	548404.6	21162.57	47905.79
139510.6	41061.55	0	2375.174	42217.06	37812.82	227112.6	132214	133301.8	87780.64
134995.7	75775.15	135849.9	175658.5	152630.8	586077.2	622784	107580.4	66567.3	235610.7

560063.9	494685.3	17124.78	4705.7	110902.8	259442.4	402951	471797.8	238546.1	1420431
826851.5	576710.9	11622.07	0	15588.55	579120.5	933935.3	1246801	439142.9	941793.1
14245768	17616742	156295.7	167759.2	185792.1	165835.4	90897.79	30815.16	40542577	24019887
237484.3	191702.8	3583.533	14215.54	64771.9	147320.3	175072.9	251528.7	4277.234	84844.97
371790.7	295636.8	0	0	0	0	512212.8	496468.6	11566.13	103821.3
432401.4	377992.8	4985.098	2300.041	5090.874	42300.59	502509	624747.2	113554.5	448776.9
65339.46	10239.82	3552.106	8526.336	15499.78	64254.99	85793.61	73579.77	65479.62	49833.91
73186.26	62634.12	105931.4	79121.73	244009.3	885002.3	362712.6	128573.2	26723.41	35814.82
90840.36	52296.56	100443.2	102316.4	103872.6	328265.8	358623.2	88058.79	60336.94	32118.48
471200.2	288678	2914862	3371245	1989011	62104.03	154338.6	401639.2	73830.67	371479.1
1598577	1096885	167904.1	225735.3	217363.6	1391463	1343508	2014156	79350.84	840133.6
212723.3	120345.8	108833.1	101518	95117.6	157192.7	120425	202382.1	375487	273558.1
670834.9	697464.2	16115.13	2247.54	21359.98	102818.7	421276.9	1850104	7070.75	569646.4
47628816	59781531	153555	110751.6	116322.4	8659.953	33126.25	10076.8	1.4E+08	75296585
337484.1	231873.1	3143.862	0	7238.811	4582.781	514144.3	568442.7	10171.11	185522.8
49624552	51514477	935783.5	156850.9	1881336	3784016	35002362	1.33E+08	42808.92	44003799
148095.2	154533.6	393625.5	707239.6	1151007	3482067	261828.7	147400.1	52671.93	75174.42
929989	163972.8	639132.7	778484.1	844853	944172	718507.6	980801.5	766833.4	769727.3
6726682	8398370	68537.34	93308.3	77841.92	15928.55	34653.31	115774.1	17865873	13622067
892740.6	549883.4	445417.4	550734.8	498251.4	465891.5	317450.5	886720.8	379124.3	312033.2
875812.9	441650.8	306862.1	284321.7	296947.9	941092.2	638392.9	1370479	428811.4	446053.7
1871560	883852.1	566162	789889.7	806011.4	1849483	1559085	1896883	800768.8	1315495
288956.4	298685.1	0	0	0	0	242052.1	182275.5	31670.39	484215
192965.5	173517.5	4046.82	3330.251	9742.086	0	220822.9	230622	0	167601.5
278003	160495.8	67713.2	62986.98	36971.79	107819.7	366561.5	465176.3	65737.24	163616.9
9705857	7038516	514944.6	778331.4	4984124	1655521	10687654	11360823	12919983	3858778
21296565	3659313	14499359	19647809	20313582	13237426	20727423	26148574	17586934	17790399
588164.7	458350	22988.05	25333.98	154671.7	32303.2	724256.7	348711.2	169651.7	257207.3
104119	30953.14	0	28180.23	5269.884	0	177479.4	100377.4	143979	60366.65
9943791	12163161	267986	313338	203392.5	500891.2	259274.8	443726	27536795	17819667
382873.1	218895.7	50822.27	33197.49	110025.9	57093.32	556019.2	418085.4	0	539594.7
2162894	2649007	75048.54	93375.52	31925.45	42141.68	86739.14	188217.9	6301915	3333017
172505.9	62767.73	303463	170097.1	708719.4	1663531	396511	254538	84176.06	201764.6
664666.4	412734.4	6707.857	6858.382	0	227250.9	984161	1060964	74631.99	414851.5
480878.6	323712.8	211523.9	312094.2	246969.7	266178.5	78916.26	600905.5	177466.3	176518.3
7229233	9126081	9657.926	9376.799	2837.464	18663.27	17524.37	24398.09	20517178	12948268
1461490	859928.7	2949.197	3288.316	5246.095	226828	2329125	2203583	243738.9	895678.4
1889264	1537474	28892.74	7732.709	75154.01	793504.1	2078692	3546303	717515.2	1703023
158325.6	164956.6	29604.06	35314.75	28060.5	26519.93	20072.56	410155.5	4360.326	35836.41
355316	390064.9	86002.19	79335.51	29562.98	26800.17	12819.44	32705.71	662245.3	882187.6
11747363	14533208	356356.4	376265.8	344863.7	185763.6	53968.11	44707.11	32409869	21588888
20029022	21499988	362792.6	30713.94	1602671	1703404	11223732	55308161	0	21500904
49513599	54089405	696752.2	280261.4	2384022	9011204	21281073	1.37E+08	0	40238895
40121.57	59247.56	111043	88194.87	333525.9	801556.1	83921.25	44310.21	6818.736	0
285699	254098.6	442418.2	981692.2	749730.9	2316229	215780.3	348297.2	92277.33	105358.3
349672.9	220388.3	8946.752	0	16925.46	9892.703	551575.2	579445.7	33958.54	216686.3
375006	247545.9	66454.74	93111.18	111328.7	376038.6	208139.5	361586.5	224204.8	177170.3

4393283	5566156	0	0	0	0	0	10789483	10171299	330874.3
130187.4	143481.5	5400.352	20150.61	18250.82	22377.32	18681.89	71100.34	13982.33	0
924757.6	930033.1	239502.7	312229.4	158028.7	243351.1	0	17318.53	1140669	2323404
61396049	53608019	1780350	331060.3	8735061	8827854	66320069	99557336	2634272	9290889
28348670	31482240	9897982	6172563	193691.2	435810	809416	56238969	17974718	258437
401890.2	174698.6	79851.49	112294.7	213731.3	540195.8	164255.9	633705.6	195111.4	266503.2
1199731	845823.4	107527.2	104979.2	151585	338461.7	1551804	2501083	451835.8	1532417
7642.59	7608.564	64834.66	185751.2	285953.1	911727.1	14772.89	0	15129.26	7781.255
4931342	3112373	185884.5	397176.1	272620.4	652471.3	7460618	7317577	466904.7	2978131
64069.46	39724.09	131331.2	124883.7	28233.35	272675.9	118858.8	49697.45	41567.87	70536.58
20229926	25340273	75114.96	133898.3	212362	227118.7	780316.9	527837.8	55657818	38532634
58832.7	53624.49	87749.95	312110	525494.9	1477730	131856.8	90003.57	24614.54	6099.944
2999184	3815897	0	0	0	0	0	5477077	8495545	0
105418.9	109109.5	0	12028.78	0	13587.04	70475.81	263557.3	4036.518	25723.6
1170431	876586.9	473381.5	398392.2	223654	783491.6	519690.8	2598066	687789.3	302924.5
2077070	1552947	2301971	4695591	11958013	1136971	7695072	4473823	183508.1	2263263
2007107	580297.9	45546.04	82543.59	192896.8	2716775	1938195	2231658	1873506	1836958
11079.4	13323.71	69802.69	355235.1	385992.1	0	0	0	12931.2	33394.62
104643.6	75374.26	2934.908	6805.084	14035.46	77845.05	103614.6	54412.07	79326.1	47147.18
90649.92	52001.61	0	0	0	0	151235.7	143440.5	5662.081	93604.33
1.52E+08	1.67E+08	2321308	427724.2	3125583	12827339	85168062	4.17E+08	0	1.68E+08
334067	242592.4	0	3209.643	0	15248.75	498392.4	697487.2	27885	294652.4
900354.4	1084186	2029491	1698653	6457525	1562371	1493888	1285137	0	2632356
536883.3	335118.7	7906.753	11793.24	393126.5	583344.2	208954.3	568350.2	92610.76	927663.1
274514.1	345293	3608.173	4664.359	3200.236	9559.801	0	8670.781	835275.6	362689.4
757128	821800.6	70074.99	100184.8	58195.49	182838.2	157127.3	153234.1	1770639	1532241
315969.2	321754.9	0	0	0	129406.3	182671.8	279310.8	0	27569.09
213775.1	264585.8	2727.105	7781.454	3054.504	7840.582	12404.81	7006.927	561792	435602
571596	724858.7	8921.945	7075.035	0	0	7763.022	260706.2	12070.61	513169.4
159217	98361.1	287460.3	60158.12	323272.7	859485.7	429728.2	152551.6	172075.9	40386.39
845895.7	508559.9	487306.5	521950	482937.2	633362.5	62779.39	1337990	86103.38	588527.3
2156202	2702068	4385.04	0	6586.393	59656.75	150965.3	1210591	978009.3	840473.1
255792.1	124763.5	330301.2	170669	793181.4	956059.3	359913.4	173913.7	197020.3	336269.8
90064.02	65490.64	3947.376	2430.903	0	49788.3	108507.1	197173	33574.63	85190.37
250582.4	247811.5	39320.54	122896.2	88974.03	16197.07	15163.02	419848.2	6198.349	169239.3
506282.7	489867.9	3012.564	0	4946.904	310001	278082.7	555726.4	0	76744.72
689652.8	494185.2	146982.1	186501.1	174345.9	453857.4	527105.8	497942.6	70456.57	558731
720968.9	702265.4	6772.099	6202.866	4733.87	10236.98	741862.3	1610753	161372.7	286908.7
3604871	4556230	39974.54	79851.08	50628.32	57042.74	21956.38	16610.78	10292354	6372395
1171183	577119.1	197366.1	235822.2	379984.4	662457.1	1558918	1780606	472159.5	647984.4
254115.3	150289.6	306457.7	413021.4	445365.9	282706.7	434731.1	495268	126219.6	241189.9
13119165	7803389	199239.2	68531.17	449217.5	5116941	19625956	21065166	2506520	10084344
480664.3	339182.9	3445.607	0	0	0	741250.1	1030259	98095.62	408452.7
10820291	848667.3	6081102	7807882	7715938	12572789	10005589	10510015	9541296	11377731
149370.2	93497.75	227266	232664.2	726141.6	212878.3	238888.9	270805	150606.6	108728
1189632	1467910	57021.15	77669.59	39902.45	27295.52	28640.21	242327.5	3673243	1385048
252443.8	219572.1	1025503	1779527	2397196	12997.71	105921.2	528883	402599.9	258701.3

8640674	10932163	0	0	0	657616.4	0	26153354	0	0
91525.66	33942.42	80177.17	132543.1	112845.2	187125	125542.4	92704.56	58959.29	63661.1
995866	115404.8	713024.7	954278	881995	1041105	773097.5	1097256	859974.9	893830.4
914793.3	756366.6	40633.34	39398.56	41710.33	1022986	311026.8	1563383	188865.2	662316.9
2828590	3372321	0	0	0	220828.2	799145	8672557	644023.3	1122669
211850.3	200587.5	2230.917	0	0	42223.08	210098	473293.3	22485.03	84654.19
578615.3	193764.4	367152.6	1217525	1264588	1141818	567639	359556.7	667039	855210.1
302710.4	201092	167165.7	207718.8	186302.4	104990.4	58121.68	347059.8	94807.32	147273.9
496541.3	267577.5	604644.1	362678	1090462	1327439	751014	615804.6	138164.4	354082.9
664725	676938.4	173939.2	155522.2	152550.6	51769.18	161094.1	45163.97	1751811	778568.9
219919.6	258064.3	18276.68	24420.26	27052.23	19054.45	9332.35	18505.26	573761.3	416812.4
3.22E+09	2.74E+09	5.36E+08	2.61E+08	1.08E+09	6.33E+08	2.81E+09	7.21E+09	57583999	1.97E+09
85536.32	48987.87	262763	1448877	573667	164355.6	118593.9	51177.51	99305.82	162366.6
24938912	14437944	38929.74	11002.28	442553.5	335481.4	41615695	42148727	5571238	25541843
23308.47	22593.2	0	106847.2	1355166	180406.5	638262	0	26442.71	0
44406	30274.77	84541.66	155109.9	69981.99	97391.36	19422.03	66651.56	85762.96	16236.71
4301330	5461270	41341.77	30330.55	71940.94	181501	48226.15	113237.9	7010220	12664269
5295829	5070356	575736.5	696009.6	804616.6	2136556	2603472	2093844	1186597	1622259
318359.9	112174.8	92309.97	11265.32	188158	286549	372379.2	413884.6	376785	149383.9
2282450	2371400	84792.4	71029.36	252961.5	331878.8	1455167	440715.4	5814733	3662650
99312.43	40410.02	548231.6	867533	178718.2	118246.6	90727.95	63310.41	114323.5	157172.7
899932.4	972945	48397.21	15172.9	94943.89	83852.27	486741.5	2222934	3980.819	223435.6
1301584	1668493	3241.029	0	0	16996.16	43957.66	0	3751538	2315716
138908.7	128915	3059.275	0	0	67342.22	114757.5	339149.2	8096.046	54996.16
1487644	1898598	29308.55	17461.79	11958.85	16496.65	31756.33	51975.83	4018202	3043630
2613981	3280183	13492.98	17694.21	9699.329	179661.5	184529.7	1539111	685100.2	1434177
363416.7	215263.8	0	0	8659.333	128830.9	558240.9	549198.1	38252.35	262477.7
20415339	7277631	6657695	10686509	11045573	23511109	16294217	17269942	14989591	15438192
384169.2	476287.8	0	5641.687	14921.78	42027.54	19901.99	37576.88	991473.1	810047.5
377622.4	353517.7	18836.31	33318.1	29297.14	187953.4	241506.1	256783.1	35685.19	206255.8
251640	209383.5	6059.592	14451.85	6622.937	178091.3	212064.6	556350.1	23471.96	102295.7
2007914	2457793	147838.6	165620.7	109462	54387.16	79798.82	53222.33	5248588	4061955
10251392	13278484	12327.86	3807.516	3112.879	16413.9	15848.39	6730.463	30970411	16015747
1221460	758796.6	321696.7	143660.5	492671.7	330033.3	1531135	2212726	331068.8	633150
539023.8	506301.3	3363.169	3629.531	19679.04	141125.9	518640.7	614310.6	0	32125.07
1152233	1461286	34169.48	28908.29	15315.21	19627.41	30088.21	11075.89	3387223	1864429
143808.3	59534.6	205889.2	259942.9	237331.5	673339.4	154783.9	208756.4	99622.14	74577.81
344062.3	60505.57	216846.1	187672.8	257640.6	413881.5	271785.6	322647.3	282042.1	355043.3
2011631	2384048	61973.98	65333	85501.53	413487.1	244812.4	402555.3	5932696	2644365
166118.4	164853	84119.63	173693.7	682547.9	1059529	402280.8	178161.2	9544.898	52433.79
4120680	5348393	0	0	0	0	0	6660540	12345291	0
553697.5	387945.7	160252.3	201342.2	195170.6	364021	345079.5	346970.1	102944.5	398384.1
554453	244829.6	134396.6	70839.5	260122.2	119380.7	817481.5	496503.5	244207.9	495226.1
953744.5	1170469	5390.026	7800.16	26251.18	170115.1	55175.18	14803.93	2600192	1786149
353766.1	170166.1	163448.8	150801.4	195245.7	300205	288211.9	628747	234096.2	321288.5
227552.2	72864.64	0	0	5564.416	390738.3	73729.23	193641.2	203149.7	186232.9
60153.13	43278.07	127049.8	60853.08	306102.8	1052599	284049.4	86705.63	15593.18	42944.96

378100.6	488229	0	0	0	13115.91	0	1222176	7316.349	85465.85
304289	354378.4	0	0	6022.38	0	149053.3	152699	25329.65	488029.1
713844.9	107888.6	511625.6	642671.1	532001.3	801449.6	506292	729965.9	565290.6	648217.9
747467.3	653159.2	126471.9	223681.8	196086.3	562417.6	95520.39	750362.2	61908.03	356446.1
2306840	1363163	249587.1	271513.5	823981.2	1733859	2557371	3279002	126393	2117007
4069989	5093876	113048	189096.4	138659.4	276027.7	59339.32	4237683	797101.7	2206438
598184	736090.3	20983.22	27070.65	40763.23	58706.17	15773.6	47001.38	1636877	1117440
2054222	2562467	71717.71	92448.01	93088.7	81318.61	91997.59	50727.49	5723740	3776867
12350256	11203524	1368700	1192943	4060626	4082372	7801058	28209933	949601	5191668
388804.6	328886.3	139518.9	168533	162074	178914.2	28852.36	330602.5	43067.01	139041.8
5676954	6601048	361565.5	404258.5	406697.4	940441.1	951133.7	817068.7	16493442	7469025
188961.9	86572.12	6167.226	5856.639	63243.72	210651.4	198508.2	178830.1	121856.4	206133.8
3.16E+08	3.45E+08	2017471	395715.9	8475605	41200583	1.95E+08	8.74E+08	5651.504	2.92E+08
111828.8	99602.59	2998.294	2434.908	6950.027	17148.63	126973.4	216054.5	16624.45	44746.59
117166.8	137688.9	3970.766	24114.28	0	18839.76	10928.78	71436.87	5158.832	5134.997
4478870	5749374	41533.43	62539.79	30769.08	116236.4	110482.1	18699.03	13214067	7430692
453921.2	375490.5	0	9704.032	3354.164	316415.2	422529.2	975090.4	27122.12	232674.5
11325706	6464041	56898.46	27239.81	400240.8	3028767	18094050	18452418	2192095	7526704
185270.6	134725.5	3261.395	0	6815.382	89382.74	239046.2	218743.1	119870.9	166683.4
208205.9	263964.7	16945.84	4822.827	0	9221.853	0	229690.6	0	0
300141.2	278492.7	29260.52	19747.89	13553.9	255986.9	97406.09	103924	732687.3	427828.7
209580.4	245574.7	2272.729	3471.825	3729.169	16014.08	81597.45	364991.7	24853.68	80504.38
3610177	2032634	24032.76	18480.47	104409.1	1482682	5579562	5662178	704893.3	2543876
462652.6	284523.5	12275.81	0	20369.62	78298.3	733983.5	827300.1	55491.37	402624
7949077	2288231	3422632	5164384	5737510	7961127	7366189	7020877	5469388	6816889
211644.3	134594.2	201319.4	878978.1	411667.5	310193.6	315912.3	274114.7	80285.73	311266.5
264454.1	184722.6	41159.93	34612.91	179475	82185.04	247457	125141.2	260980.7	51351.59
4450648	5788363	43382.49	40823.98	27320.98	12922.68	18804.66	17528.2	13682121	6567669
312819.6	244907.8	94076.21	95571.81	123477.3	54786.16	250768.6	317185	157690.3	719517.7
676258.9	559443.1	103299.3	24445.15	184883.4	178884.8	680202	1509308	136630.9	222870.8
1387198	681101	178276.9	242431.2	198024	174535.7	2221652	1396139	378511.7	1144804
5620643	6490445	55388.86	58265.65	95288.57	773683.7	2312759	16179200	0	6390317
9456916	12349088	66170.98	54222.19	15096.02	26062.48	21852.66	14814.76	28557657	15198847
37623.57	36804.88	0	449293.7	154621.4	210660.4	1230700	96576.7	0	31171.15
1099402	735979.2	16447.11	4364.733	86990.8	1098080	1067638	1422857	206542.1	507647.3
269228.1	189455.7	85172.09	65244.31	126732.6	223919.3	113668.2	373846.8	23159.83	177108.3
542706.8	635576.9	105948.6	68664.46	62289.55	20011.45	34200.95	22579.58	1320077	1143694
3568759	4475046	256406.4	246377.4	194484.6	38172.11	62745.71	28974.68	10047463	6429950
693416.6	898219.3	2435.46	7949.462	12969.31	11472.28	12849.79	14952.23	2071694	1139634
1021791	1321812	12680.92	5398.839	10748.8	35108.87	14843.6	5881.072	1686727	3039834
692387.7	383062.4	19981.91	15480.58	10768.85	233451.3	1098101	880599.7	366738.1	930871.6
627721.5	364637.2	0	3237.944	9089.339	36922.56	1052312	892808.7	34672.09	515261.3
285939.6	171548	20321.45	20767.77	113968.6	279253.8	260333	338633	73006.96	223401.6
2095634	2738523	11591.92	0	4631.128	37267.56	6453.917	26999.38	6069661	3858320
383293.7	271370.8	153356.1	176349.8	194560.7	241935.3	115703.3	450000	162575.2	111718.5
52715729	44897400	8628726	5257658	16943255	15078325	44410554	1.19E+08	1073739	33728915
559804.5	494182	584608.5	406443.3	1625920	8007773	4453888	1310712	39235.16	219239.7

31144613	5910483	21572981	28352250	29042903	19470379	30755556	39937459	24952487	26648797
113914.1	151769.6	331936.2	543743	891835.6	2899984	150626.2	112030.4	26413.23	28869.58
2643682	1590706	3253.517	9546.835	49852.5	636111	4218321	3472053	323225.2	1676210
1555268	1641945	199350.6	240417	258282.9	403539.4	439451.6	904061.9	845619.4	1115135
1841543	1589513	51579.54	353399.5	490420.2	1208565	1008090	3242841	84539.48	3733075
515013.8	337751.5	7949.453	5956.206	8981.181	94679.15	801451.9	757733	45885.19	269584.3
839405.8	983714.9	28403.56	24685.3	21373.9	230401.2	156731.3	37868.71	2290433	1431542
20868178	26090528	275511.8	338036.3	458221.7	2057548	2197140	10793890	6452423	10835857
359197.3	301628.6	5570.587	2530.927	71785.89	67357.11	424849.9	470158.3	135154.4	265118.4
871361.4	492324.2	70775.91	51885.01	318479.4	684275.8	1019671	1003342	51134.64	867276.1
259322.2	174052.1	11410.92	9673.415	67240.34	202995.3	274289.7	253176.8	4346.616	335874.1
79013.54	67677.27	128704.2	47032.4	157909.6	723591.3	380788.4	103962.6	5240.924	52033.46
5345212	3486141	4958.833	0	27403.24	614662.3	8551456	7969854	5675.754	4561373
7852753	10230341	81558.12	97508.24	123725.7	133452.9	31677.12	33948.17	22728833	14378738
337515	102712.4	194841.5	183394.7	180659.5	135838.9	443949.1	329394.9	242458.6	278408.3
19319.23	27199.13	103768.4	381816	2035261	177852.6	429748.8	22412.7	0	5669.916
9525203	7651988	1258875	351236.5	2987918	3019932	9812471	9096625	695587.5	6864267
1.23E+08	1.35E+08	1081603	213706.8	4535995	15770489	77023075	3.44E+08	0	1.11E+08
21088436	4398149	11161443	14627355	14774085	24630026	17368766	20127528	16483000	19166482
13389587	19499328	13144041	6807287	28558348	99000609	1.1E+08	466186.3	21270360	44319945
649111.3	500210.9	61291.88	54544.39	114433.8	396660.5	634354.5	1400667	59758	381769
304066.6	400914.9	2613.724	0	0	0	0	249728.7	0	72819.23
10271676	12940836	111619.2	120505.2	172256.4	965540.1	1002771	5353792	3046917	5444227
43707289	36207427	8204945	4676022	8148211	13247213	43091538	97334152	357723.4	28899120
85655.83	68109.62	3581.83	0	3752.669	76668.53	69890.05	124906.9	0	42495.02
8.19E+08	9.13E+08	5639764	1197982	10234504	78013267	5.27E+08	2.29E+09	36815.36	7.47E+08
120168.8	21483.88	221885.5	48607.79	245276.5	240507.4	159380.4	90054.88	130909.4	107066.2
575076.8	233469.7	180224.4	274190.9	193081.6	637973.3	524545.6	442765.2	337732.5	445107.2
5547415	7260741	81142.03	96325.65	25796.45	49402.66	37012.61	1035229	17869177	6441059
664687.3	94187.85	377753.5	549833.1	522495.9	740111.7	581602	638452.9	525199.6	688707.4
1.48E+10	1.28E+10	2.36E+09	1.45E+09	4.83E+09	3.57E+09	1.26E+10	3.38E+10	3.46E+08	8.61E+09
473454.4	405723.8	141953.3	200513.7	171070.5	214715.9	106311.8	214092.5	159518.3	1163126
216682.6	165637.4	0	0	4222.856	26406.01	316217	116133.4	27137.18	304110.5
1115067	651032.9	34733.03	42691.86	126019.4	148628.9	1796478	1864624	222984.4	755316.9
45829.92	55734.32	23971.41	23282.42	121054.1	407807.9	343526.2	134244.3	4286.45	15609.94
3537609	4613216	0	0	19088.9	99006.85	170894.8	10190384	0	39933.86
12192023	16102447	45340.84	30359.13	104060	13418.05	58447.34	7989.585	37290703	19423446
145153	86007.86	1157656	1797003	317694.7	145577	113292	103999.2	270406.1	189746.3
25249026	25811726	0	0	3720781	6816948	17531461	40677203	25695.49	61490400
6.59E+08	7.28E+08	5617202	1194261	8639273	89962476	4.28E+08	1.84E+09	0	6E+08
1473904	1227794	36240.4	3587.595	56889.42	806260.9	1557153	3149308	121507.1	627343.3
20282.32	20485.67	271415	494971.9	810103.5	2962847	19977.54	24704.55	7558.699	6535.966
1172310	699525.5	13125.74	15346.36	0	115717.5	1947259	1830895	75796.62	1066556
182802	139666.1	81223.19	717578.1	11064309	3167019	24508156	68128.66	180441.8	197270.9
6E+08	6.63E+08	5196198	998952.8	9325954	79492306	3.91E+08	1.67E+09	0	5.46E+08
1748375	2274453	26181.9	26417.98	5682.441	49434.44	72428.92	837738.3	545107.3	743355.2
993534.5	407999.8	255738.2	254771.5	688200.6	351883.5	1332048	863165.9	338906.6	1158619

4.37E+08	4.36E+08	48909983	37560494	16795776	59126163	3.58E+08	1.12E+09	4465397	2.54E+08
1076954	1031793	3253246	2145941	8718997	503442.8	2649653	2759349	0	904541.8
781068.5	315790.2	1383314	1913916	236941.6	1814139	1171592	870153.8	1000445	240962.2
2688741	3356223	173023.5	104576.3	176749.6	102647.4	273755.5	334243.2	578886.1	4538520
4990555	2896921	39449.77	19710.83	82792.19	1881323	7833047	6969556	620916.5	3466339
1918344	1211511	153780.7	196836.2	429207.3	2004066	1684290	1720250	706274	928315.7
635485.5	432328.9	28657.8	7483.435	79338.51	106329	952372.3	948609.5	1166203	259071.8
160137	213136	0	0	0	0	0	527972.5	0	44647.69
351414.6	313005.2	23711.85	50980.96	143451	102919.6	249208.8	787494.2	16145.77	135620.9
4669028	5738285	74416.62	83220.43	146015	680593	813971.8	90289.06	14031665	5923872
44155.05	24371.47	82217.87	59553.79	70717.93	111067.8	28923.79	54869.43	70345.8	20805.64
116216.3	109901.3	34046.39	18183.01	40946.83	72864.57	0	6507.165	263611	151780.2
597713.1	338069	648316.3	649901.2	701938.2	1294744	1424975	849183.8	79162.11	433814.8
26804996	29754447	465390.1	0	0	2569496	18454820	75310097	0	28227755
898615.9	150281.3	1059182	1208336	1259338	1335755	676690.6	866879.3	898015.6	665876.7
80934.01	22171.26	722489.2	1351292	170981.5	110697.4	99172.54	80027.95	107408.5	97742.44
324702.4	410593.3	23052.96	14485.39	6501.056	0	39717.68	0	947942	536927.6
706203	524282.8	82793.78	98809.24	46725.05	78030.42	975023.5	908060.7	36120.68	351681.3
856505.2	444317.1	83337.97	71216.31	81710.8	127519.7	1406329	895708.9	200805.6	674777.4
2863289	1749000	48708.2	2521.958	65905.53	963197.6	4459381	4808064	579899	2087436
772942.5	768747.6	3524.902	2749.332	13748.93	57805.31	803742.5	1879505	31314.84	113825.3
734445.3	834611.6	91206.89	142391.6	168781	103024.4	38575.87	33725.37	1231232	1951314
24207337	21667169	4342422	3622475	5310950	10669486	15453122	33006138	8486186	24008622
252692.3	200460.6	7015.235	8534.491	40030.1	142334.6	267751.9	193716.8	38369.47	127773.2
21411005	28303361	272169.6	277387	350615.8	89462.45	53785.06	57903.6	65949605	33050396
1593953	1898952	174466.7	165981.7	167839.9	264893.2	83400.5	9084.78	3996804	3281022
3.61E+10	3.16E+10	5.71E+09	2.74E+09	1.18E+10	9.49E+09	3.08E+10	8.36E+10	8.07E+08	2.11E+10
12505253	16318016	148125.2	73842.3	158794.2	38479.77	1023973	38399291	53905.92	3863017
804306.8	419297.9	1263565	1665884	1294985	355919.4	1932341	1457089	603790.5	320520.6
2948877	3944445	0	0	0	0	0	4394624	9256283	297116.1
966911.5	533787	217194.1	100394.9	194783.1	964053.3	1002491	1566388	409955	542991
26559451	5383389	18413912	23664135	24672279	16927563	26201508	33974494	20677794	22363763
315828.4	256177.1	5680.701	0	3071.319	0	459611.5	216166.2	54093.93	280614.3
41883.59	40296.25	150872.4	34054.53	226876.4	781835.8	128409.7	64869.47	4913.142	5253.983
111132.2	35495.36	120338.9	57855.74	324046	400935.4	187284.6	67689.55	117023	84652.32
104988.8	138102.8	219394.7	88445.57	523222.3	77722.3	497779.3	330831	15272.32	2904.093
806631.6	451780.8	0	0	0	70028.56	1381222	1277396	114898.3	624726.6
1310887	899280.6	65247.87	48118.75	34931.32	438612.7	1900713	1682682	210011.2	603435.5
947838.2	871301.3	8965.712	2365.683	28956.38	314432.1	992651.1	2374228	0	709322.8
101698.3	23772.97	63070.16	124252.8	192191.6	206944.6	404448.5	104074.2	98032.51	123515.9
1868856	584735.1	1129226	4201433	4257838	3658307	1710622	1085848	2099572	2682951
3091708	1875978	141247.6	148266.7	3634412	2349564	1034035	5940519	686598.1	3075499
382466.4	273247.4	3651810	1086657	1434947	144192	655104	861020.2	343594.6	221813.4
2605200	2177805	62181.76	14056.21	237150.2	353685.1	3412348	2102494	6213306	2541122
4150958	4202639	1254959	1536133	919980.9	1258148	92992.48	59359.11	4974561	10635093
440273.7	199194.6	37722.89	233151.9	227096.2	493144	333963.3	355814.1	244369.8	313661
457454.8	250914.3	849316.5	1323886	2117573	7060990	794353.4	516954	389399.4	177619.1

2024025	1111810	354294.8	88087.3	469768.4	3041469	654200.6	2686677	885212.5	784189.9
161657.8	139943	47551.85	70002.4	84680.03	5358.982	76703.12	332372.7	34282.8	92646.59
610849.5	180903.6	885339.1	445475.4	1725977	2309390	640593.1	414943.4	429642.7	687497.7
3910641	2802011	6035.251	3776.177	125055.5	91998.71	6169874	5348032	683896.2	1845422
792009.6	669779.1	91483.68	81803.1	263031.8	165110.1	786165.4	743955.9	61417.15	556511.7
916296.6	517531.8	0	2868.819	17223.88	421493	1429616	1114137	539214	1196343
206244.2	75183.17	340015.1	451059.8	403073.3	230903.8	126974.7	230284.4	248340.1	162122.5
536322.8	323013.6	109123.2	154300.1	157769.4	545379.3	424244.4	868019.3	62244.15	392547.7
65274.44	32555.65	41215.77	4679.294	28286.31	0	89512.05	55301.72	57896.17	101005.7
172721.7	65433.83	328359.3	355995.2	36260.74	397141.7	294303.9	62141.73	182637.3	176032.8
5358154	5953714	0	0	678727.4	668977.5	3243633	7393106	0	1915730
92281.84	139748.8	184901.2	92918.84	274629.5	139401.5	368937.7	58364.35	0	25376.41
503239.6	640516.3	29949.25	49800.09	45730.4	16497.07	0	34407.9	1504162	789984.8
201799.1	116146.7	6272.188	2668.005	0	48201.55	331863.8	303905.3	30603.73	171640.5
133311.1	61385.08	31313.05	25224.94	65535.66	112754.8	154948.8	181535	72537.36	62341.63
10531809	13134502	1369372	2342275	58192.63	131214.6	97459.8	10387255	1479531	7629065
2432399	328679.4	1415530	1831280	1670237	2788614	2285787	2482099	2118711	2438339
184817.4	142774	6338.6	20829.59	22985.71	123204.3	188543.8	104962.1	56933.88	132670.6
19966.32	21590.12	42535.54	36486.85	133527	251862.8	7238.09	0	44184.56	41188.22
1759772	1750297	2261.2	0	4045.022	884717.7	1313883	1825943	11820.84	104748.1
192420.9	30262.96	165376.2	164760.9	1017514	531447.2	384710	157334.7	182771.7	219112.3
1713816	687232.9	31854.07	138226.5	196338.5	1366358	2505558	2060822	609595.9	1724723
355837.4	314412.3	33493.21	3729.317	3677.567	0	465913.5	491374.7	23823.39	172574
276388.6	273515.7	43576.63	15797.52	30617.15	257739.8	0	466970.6	7210.113	81943.62
3041107	1260111	3697.223	0	19897.95	54247.26	5545866	4223692	1028713	2665628
95098.21	104809.6	40768.09	60714.57	243815.1	631129.6	487063.4	162478.1	15967.05	28809.37
409758.8	333627.1	72931.79	4295.867	83550.39	83298.32	486630.6	907110.2	44300.15	178106.2
59059.53	25260.93	30276.34	129258.7	61056.9	118656.7	150553.2	42547.34	26626.68	87889.49
6854475	7285148	5534.878	16521.67	342194.9	976269.5	5633948	8318060	3177960	18923802
724693	876649.3	2358.096	0	9465.727	126540.4	245865.2	2216279	0	196235.8
496175.9	644695.1	16484.68	19747.04	19067.47	39339.21	7346.976	23965.38	1461587	862222.1
2082291	2744716	11157.31	16811.8	23269.75	121970.4	112673.6	62069.58	6254650	3533310
87878.44	21180.73	60337.41	105296.1	164788.5	114091.9	163950.8	93824.29	67854.69	116947.5
1103520	833328.8	77789.06	138505.1	604988.3	199291.8	1215163	1969795	99385.96	394826
515646.8	573741.6	2608.813	0	2863.354	33943.39	397316.9	1474511	9419.942	150650.2
6298058	4027071	19787.13	6761.393	110425.8	3339061	9160731	9542377	580422.3	3894710
599847.7	579905.6	0	0	6981.958	328417.7	476006.9	1542902	19745.21	261300.4
3965853	1978081	846722.3	613563.7	1058545	1340507	5966516	1013719	4406902	5963715
248116.4	115451.7	133645.2	146401.6	583031	8166664	7288216	203694.4	319380	71432.66
34780.49	35669.87	58432.18	35306.11	138631.7	511742.5	142889.8	48982.69	0	6554.122
5322685	6285021	670851.9	692011.6	569391.4	578592.8	955944.3	14508972	8871062	0
2743842	3716005	4568.137	7899.916	4928.158	9535.327	11393.5	1661240	0	2533458
5164238	3235445	1373957	3386037	2765109	1616585	4476988	5755586	220902.4	3935133
266303.2	81788.37	632715.5	659539.5	101273.7	759401.5	247910	260363.2	245002.7	193513.8
2141717	1534309	36211.3	16368.19	114577.5	1644139	2486213	4249143	1145070	2518724
1164777	1485206	118390.7	93322.68	93934.86	35530.54	17430.6	28808.65	3330938	2101203
160750.1	232093.3	192384.5	255330.7	610236.1	208019.8	569749.2	569314.6	0	94396

1.11E+08	1.14E+08	1038881	442967.3	3332374	38714636	86458938	2.88E+08	120938.4	87667280
30568.9	17672.19	15744.37	13892.69	68074.56	387741.4	394669.9	26982	4857.861	51915.28
2448938	3266051	12984.92	8509.882	3258.876	132245.1	80791.25	73908.39	7349611	4290188
13676836	10316152	57231.62	26498.54	734842.7	1039613	20769454	18988693	2342386	6076929
708980.8	623844.7	3751.631	3038.443	5086.181	400466.7	719299.9	1667714	21540.87	312603.1
2089314	1772664	205590.2	37499.12	217669.5	1257297	1956709	4863468	533807.9	1844037
600960.8	483131.7	0	6186.496	11279.6	293011	739970.5	1079381	61739.49	363177.8
1200693	912227.4	46225.02	19291.06	9617.238	125733.2	1800808	2071797	516485	1337827
188360.3	136168.8	119651.9	430035.6	1119753	249507.9	463904.7	341572.5	15993.92	312556.8
412498.8	289499.2	0	0	0	16923.84	668820.1	831658	85008.3	292250.9
1736201	2246629	105920.3	102144.3	105778.7	37350.1	88297.7	116246.8	5423115	2346742
2325363	1380106	3077.823	0	41512.6	18660.4	4018646	4058372	501711.8	2366266
526983.6	531644.1	0	0	13568.77	105194.9	511395.4	1406727	0	366975
886062.8	494181.8	3289.407	2526.906	0	18911.69	1554701	1448496	221331.6	1023616
276985.6	261683.2	0	0	0	96908.56	288241.6	585655	0	72727.36
7691062	6581593	891454.4	379560.7	4749460	348471.1	7032294	7486819	2755291	18815617
1109877	1404894	13983.76	15434.5	21039.32	35389.58	310016	3325854	90836.16	35264.98
133422.9	96854.59	0	3801.988	7910.579	62582.9	180845.5	170688.1	18933.86	57318.52
1853002	996939.7	1104854	1433004	1366829	1110908	529877.7	2124753	666248.7	952307.6
2193839	1839263	14178.8	53336.98	656227.6	1770026	1513618	1219694	932971.9	3698269
908423.9	477881.6	434611.8	1606415	1377789	2231900	1585548	846830.1	295372.9	631152.1
6218426	7822741	538790.5	591941.9	598927.2	475205.9	256001.1	278342.2	18265098	10019585
1674716	1068440	4376.209	24417.75	86697.73	215977	2740945	2253482	5026.088	1500833
4695348	4265757	33658.06	2748.473	132426.9	2744570	4356105	11273929	164448.9	1838832
87143.25	33451.6	155167.6	165952.2	84374.99	61853.62	175171.1	90588.77	55214.01	51402.68
9318439	12741157	13443.38	2710.168	10579.82	0	21614.52	0	29538669	14286738
41186359	28946902	6565741	1776060	11817305	12333336	54120085	74082419	9560547	12562427
295725.7	223945	8194.51	6047.579	7746.037	80383.28	422253.7	479227.6	45843.34	206213
15709.59	16931.34	4006.786	4103.267	40363.77	547495.4	525008.4	0	15060.37	10497.21
34327.92	41541.47	9362.52	269894.5	1236073	406735.5	3576098	0	7024.138	26016.56
9909712	2206543	6832785	8731311	9074760	5903039	9843687	12996206	7368059	8226570
1806894	303088.2	1088913	1469583	1430271	1988432	1590404	1954270	1405511	1640503
240711.7	216993.8	10130.81	13014.64	2874.891	0	313843.6	365844.1	13091.95	88893.71
2398220	1889825	1392178	947778.2	446052.3	1419393	851108	5551877	1898361	565056
524656.7	316045.9	5469.492	3699.067	11240.89	224832.9	816992.6	879145.5	99936.7	364704.6
372803.3	247213.9	93462.5	47078.81	129425.5	146590.6	456319	668968.7	89651.06	150042.8
1214913	1109762	457249.4	472218.4	8629521	3228338	10970351	1401416	22310.03	106140
468490.7	446700.9	6379.758	18669.44	19879.17	344789.1	287863.8	614384.4	45028.7	298610.2
7980388	10810814	126811.9	143388.8	107617.4	16209.54	64023.03	7514.841	25682898	11007773
173651.5	88520.11	54341.79	13342.32	65987.66	134497.8	210746.2	178886.3	46192.2	184222.7
906226	470698.8	432468.1	1603803	1363834	2227594	1575532	871688.8	297123.1	622713.1
756386.8	670192.9	341995.5	364481.5	372498.5	153289.2	94761.49	77750.7	1578710	1268935
1660464	2259320	6278.44	0	2770.536	21114.92	34263.19	8345.892	5301842	2395452
689802.5	727387.8	66645.65	59205.53	43768.01	405182	209700.4	267142.2	221214.3	799437.3
1640292	366331.3	1882190	1438385	2060292	4016758	2491758	2083573	1153467	1401490
248214.6	61125.58	247323.6	306752.8	287392.5	415636.8	277115	256320.9	216275.2	201855.6
4225132	4720964	193716.2	53344.93	809554.5	1472691	1360078	905545.2	382295.1	1214400

50098956	68697703	0	7035.243	0	66330.18	109708.4	2764319	99655919	1014820
5300297	3064271	801107.4	739572.4	2579944	4330199	5581710	8431124	437418	4516296
739537.1	921423.9	56943.27	72978.3	82838.66	89785.69	39411	48048.41	2134901	1226354
10217408	13452424	408757	404368.6	413288.3	593513.9	283156.3	446925.3	31141326	16361548
1034993	683546.6	14869.44	14751.71	35697.57	34524.19	1714416	1886349	182272.2	809972.9
322441.5	372457.8	78414.01	99535.25	42585.85	25188.68	9276.289	9101.485	869440.8	533589.3
3639014	1266531	2202355	7402210	8055900	6706188	3571835	2242156	4041417	5598097
1599891	288412	836129.8	975107.1	1183315	1852051	1486920	1302960	1710583	1282655
71696.66	63575.98	0	0	0	82817.52	28719.8	54107.55	7131.898	24731.71
3208177	2266347	1117797	1433002	230410.4	702487.4	3691876	6123771	860338.2	1368921
1477017	1540842	82645.63	111201.2	115643.5	859729.2	578398.6	4147057	300062.5	588334.8
15904.87	13535.27	115518.9	26663.18	161661.7	531736.3	13290.02	38310.92	5246.537	6668.243
3984759	3764342	190381.7	194643.8	463739.3	2769213	2396967	2395492	262345.3	1661032
3976307	5257550	52016.65	73657.95	63696.35	298648.2	284783.2	1965371	1249068	1706932
163579	48943.97	6787.756	0	0	0	306267.6	199715.2	97581.22	217750.5
1233781	1674706	5358.796	7013.901	6826.718	12556.24	51162.16	77926.52	3960643	1748093
583826.2	189509.7	223622.7	359692	399258.9	597772.9	541487.5	377286.8	412092.9	584072.2
5541135	3177694	51225.58	73016.38	152435.3	1305401	9252960	7266273	884061.7	3611465
246761.7	192649.8	447022.9	701031.7	1108327	3866818	412282.5	240251.6	179038	108727.2
122188.2	56858.09	167331.6	205755.5	190499	995364.8	329662.5	159691.7	97029.35	61480.62
7869236	1139461	4774024	5982987	6264214	9446707	5885957	8518007	6251124	7336330
14493476	19820489	46611.65	35712.93	76742.86	111463.3	298241	46111.04	43977286	26174257
412204.9	248881.8	138678.5	187682.7	71022.29	365072.4	347534.5	232351.4	191318	271292.6
221851.4	275249.7	0	3113.619	0	0	105194.3	285160.2	5500.04	128099.8
13620.64	10495.54	0	93372.11	861446.3	329094.9	2468537	27991.75	17419.16	7896.527
618665.9	511131.2	84233.14	136119.2	120213.2	609939.9	234888.6	573761	144361.5	220500.8
258575.4	251265.6	63527.47	53653.49	37678.88	122972	103198.3	423799.3	28856.83	63866.98
496380.1	495907.9	10578.24	10328.17	15242.92	63426.8	521242.7	766152.6	51971.57	210967.5
1669534	2024328	188795.1	206710.2	170657	352490.3	97346.74	49217.9	4556956	3020336
780997.2	578967.6	284070.2	336647.1	257679.7	193786.4	699216.5	521304.9	1712094	853482.8
1006145	786681.7	264365.7	369299.1	320876.1	689515.9	522950	440097.9	1903711	1811958
20672079	11574583	5724323	2249287	9975014	7113126	27910659	32460345	5957831	10945241
710605.1	531524.9	97880.14	79350.53	193579.7	207993.6	879959.2	739204.4	65604.41	531374.7
1336038	628062.7	0	0	0	12887.83	2442065	2236208	484151.7	1412342
1078083	735354.8	102653.1	90737.97	1083905	326583.9	890943.8	1801300	260819	339987.6
1476887	1985625	0	6790.948	148711.5	7002.113	41258.81	2105301	0	229006.7
415863.1	349449.4	42203.74	143588.7	237029.5	105697.2	275160.2	895901.4	118579.8	157876.9
553131.5	389995.4	48252.36	8402.642	89178.71	681018.4	347241	304479.9	173913.5	337865.7
72401280	38030197	44495851	1.22E+08	96663963	1.65E+08	1.26E+08	77600460	24496134	47596265
987990.1	1334559	15706.4	0	47567.96	13598.58	38324.76	16012.57	3070952	1590506
346536.2	290126.3	10613.33	3036.024	62470.4	92137.85	429102.2	715673.1	127031.4	330236.7
30823.23	27658.68	54925.32	25787.82	168468.3	712206.7	199135.8	71474.51	0	12621.19
1722964	1587122	49413.6	37292.34	84007.26	350401.8	2018608	4347593	237975.9	741077.5
1673014	2282442	6997.227	17075.11	8990.667	60835.92	24008.25	31386.17	5336901	2472211
516077.6	303423.9	34603.85	21349.15	8226.386	154270.8	834174.6	836267.4	16266.99	595567.9
143985.8	79253.67	213230.9	263008.6	328747.3	901666.6	131668.4	138297.1	128026.5	74837.89
6366703	13607340	53608013	49013048	1.5E+08	208792.3	680815.4	402993.6	30707927	245867.9

341998.6	220304.7	0	5887.859	7909.822	60071.3	560622.4	424627.8	23772.12	209979.9
181692.3	133729.7	163189.2	179752.1	247038.5	638467.6	904407.2	186741.4	128211.8	160153.6
558709.2	750592.4	10620.45	3089.738	9337.429	44524.78	19095.06	257378.2	5603.822	508096.9
190729.3	93177.66	30994.72	29815.63	28384.39	62044.46	303780.7	336359.1	103324.3	157162.9
1.24E+08	1.31E+08	2525875	1066533	2867861	36546022	1.01E+08	3.37E+08	10131	91585379
1442976	1956658	0	3660.121	5474.383	24442.56	129727.1	126383.1	4532265	2258828
6864353	9358268	18244.7	11714.89	38487.29	28646.32	501985.4	291037.6	21855808	10289904
10129677	6041919	18848.65	10925.62	193117.4	166118.2	17679120	17595100	2203160	10294668
557655.9	177298.1	239215.5	288337.4	288729.9	555116.2	609843	667702.2	326775.1	412762.6
2100651	2229392	92263.55	44862.8	220199.9	1366372	691636.6	348017.7	5494902	3262432
314270.6	175254.6	575128.5	2321914	73133.09	409603.3	3496124	512834.9	62587.79	255235.5
999550.3	880192.7	109230.2	92063.96	129968.9	473185.7	933069.8	529135.2	145809	430400.1
1918143	2408373	203646.1	224609.5	215903.4	183660.1	95546.79	37449.61	5479672	3337570
313594.5	372285.3	59361.94	50659.96	69479.53	28326.84	20854.58	8076.711	592112	823131.5
3280970	4447941	16633.36	10157.21	23367.46	151990.3	209961.9	1655421	722809.5	1506918
817220.7	541132.2	83398.87	11067.06	179342.2	215143.7	1210002	719670.9	89150.84	597983.3
515311	307600.9	0	4499.254	14622.19	0	901089.2	914441.1	101942.4	561741.3
331806.9	249438.3	3688.627	19171.64	0	27745.97	514114.3	363644.2	0	235290.7
64914.57	16439.15	79707.23	116342.8	82725.86	98488.25	47621.51	52646.51	66061.88	70527.67
3093284	3802458	0	4252.996	0	662582.6	1114333	8495398	8482.279	119950.2
1453626	2015683	0	0	0	11678.29	16517.37	9838.929	4706706	2124762
1331004	1190916	14139.04	5819.249	12280.14	488157	1565784	2314002	255487.3	877363.4
4989513	5098591	209448.4	44870.66	342275.9	830431.2	4752560	11609762	0	9232324
14827288	17408838	864137.9	677997	2403894	7254687	244176.9	41680595	5119602	165730.2
4849035	5882169	593105.2	733003.3	680960	588970	531661.9	514582.9	12961488	9274105
6404409	5811593	613958.6	481541.2	1087774	1321099	6837924	11439337	315236.3	5009637
974196.2	1220451	16083.87	0	28983.49	416658.4	24700.54	373611.2	0	55121.75
29991779	17844044	198339.8	129257.7	1432878	4137882	51036490	41352798	3815331	18959475
38589191	41012711	31606.18	0	5185497	8123281	30609403	66774690	6407.632	94043939
154181.6	113468.6	13795.08	6223.083	33042.89	189821	78761.82	332359.6	42327.96	161096.2
3166412	4418374	0	0	0	0	0	3624305	10654005	347660.5
2295293	1177029	186897.7	154647.1	272246.8	1724094	3265064	2994308	2560856	1340915
57545741	80215024	107375.3	75370.2	140301.1	15278.87	95774.05	139846.4	1.89E+08	79137742
5320883	3098148	1875332	852513.2	898875.8	2241985	7360606	9141570	1518099	3034327
6391075	8454526	225677.1	300269.4	273752.1	462715.6	434090	3558929	1465926	2815292
1088720	286620.8	787331.6	931688.6	895431.9	993438.1	795824.7	1187014	816928.2	856731.2
7.58E+08	9.98E+08	1297368	1.72E+08	41384966	729045.4	2026183	2.51E+09	9860580	3.73E+08
62105.63	38772.85	146525.8	177657.2	279199.5	1601081	314956.9	102855.2	91803.26	28151.41
3229923	1333723	386367.8	497716.9	2562081	2100648	4029239	4502829	1301193	3495208
1092634	1005517	158471.4	108278.9	261640.4	334689.7	943705.9	2590860	99489.25	251105.1
1526850	784079.5	422005.4	153515.7	483323	1627980	1556311	2571456	411389.9	1500688
868721.3	544715.5	598003.5	654735.3	578704.1	410697.9	96891.66	1115453	125664.6	468363.6
433927.8	274241.7	2582736	1084075	4071845	112518.9	312720.2	521478.1	0	518599.5
135687.5	136737.3	7160.24	7233.592	0	17892.66	141082.9	273287.4	5993.009	6985.749
99381.6	53678.87	81219.31	105320.3	136361.7	231236.8	232318.4	118060	40047.8	49255.61
723126.8	971740.6	27197.75	22595.94	15753.67	20782.95	61157.29	26457.55	2300448	1030118
135094.8	37229.65	160533	234727.4	217862.8	299413.4	75054.63	115816.4	155230.4	78522.2

2318349	2476469	512075	602079.5	615930	200405	816438.4	795676.2	6223307	3347558
5590408	5754970	1467966	1012311	1014950	665457.9	3187986	2419405	2922931	5454420
145911.5	41458.39	201279.6	185389	177715.7	149110.4	169997.3	203094.3	101252.2	123616.4
36852392	43271010	892331	717009.4	3174961	22565068	1664943	6346338	345954.2	1.02E+08
809796.9	359073.5	3156.395	0	13167.07	7955.706	1499580	1344610	599497.4	505150.7
73769974	1.03E+08	422491.9	463491.3	417404.4	17390.18	1163333	55352.21	2.4E+08	1.07E+08
2527788	2272316	370924.5	97269.12	430355	1071708	2349866	6194078	0	1682400
557410.5	608163.8	2430.377	7933.705	58955.85	382572.5	147951.6	1508963	7290.607	42820.33
19694063	27602069	23893.11	18454.63	47595.3	0	10313.58	39143.16	64488546	28300087
425173.5	538184.2	60637.91	51411.59	61524.98	5120.383	29220.23	0	1187713	797644
313702.9	96168.83	272345.9	338095.6	66386.1	89019.83	290872.4	204941.7	252879.8	317015.6
399880.9	251080.2	2982.849	0	0	51099.94	680078.8	589763.2	54375.99	248210.1
0	0	0	71384.42	584963	163196.4	1708483	0	0	0
27854393	33458310	821407.8	0	1931274	1460241	15368285	82228788	0	36667545
172967.4	77539.48	93919.23	99453.24	70273.63	94016.21	202027.7	136963.3	207779.3	61436.16
365671.9	187473.7	249813.7	241553.1	292052.7	246259.4	118634.3	392428.8	184252.1	160343.7
3716968	2300623	959120.7	502389.5	1508255	1091679	5004935	6722003	1077616	1949174
4322378	4552007	398636	410017.2	590060.3	1751068	2201115	1642699	760813.5	1651714
2596020	3201408	300722.4	155596.2	420720.1	83465.4	627649.5	8161730	65912.59	2144068
1454338	2035719	10998.52	5416.462	6297.699	12887.3	0	192202.9	4907147	1710351
526646.6	300982.4	65047.38	267555.1	392097.1	413364.7	377922.2	326979.8	161621	879295.2
62661.37	77934.24	85066.02	38469.51	182094.9	513722.8	175858.3	66393.34	18113.3	0
446681.7	300070	80550.63	50804.65	129532.5	192573.8	578499.7	795797.4	160965.7	251806
1389033	916538.3	16377.82	15477.01	17527.18	560734.3	2145306	1905847	96274.88	771028
866832.3	1044054	37655.27	46335.16	67733.53	261949.5	211060.1	116093	2495478	1336322
1112845	443370.5	276366.6	412878.3	419973.3	1405061	956014.5	1353860	624912.9	707685.2
19515.54	16619.39	185592.8	99891.67	219417.1	1014530	12007.68	10572.65	13076.98	14146.97
70843.11	54064.42	14812.19	11841.03	23120.33	30446.58	74190.48	84228.47	7743.227	32333.26
1572545	2183084	26192.76	13291.23	42763.65	14088.83	25173.79	826011.7	12109.23	1421996
3883938	5458445	8526.226	4976.273	0	44887.86	9252.021	6736.668	12752053	5565700
1256550	1028394	0	0	0	14809.17	1934441	1816766	156231.4	501787.5
32061596	4797294	24161638	24856999	24624586	36795674	26797962	33282300	25814783	29644912
5839634	5109182	224515.1	173918.9	5945190	2708405	1278737	4046349	28909.65	3548916
2316594	3102569	193107	190307.9	73918.34	52601.93	83599.66	55841.19	7262430	3479980
159364.8	137435.3	401615.9	2214558	894738.5	232214.4	109070.7	91333.46	157741	396219.2
1411398	690880.3	23491.24	5217.942	26177.15	154139.4	2547531	2519729	1034274	1044740
104527.3	40847.3	67989.91	63981.04	83967.92	62565.02	96570.71	104937.9	64411.66	63083.96
1448805	1786183	167747.8	233598.4	220511.3	234189	68471.13	138080	3268132	3536120
1327710	1042863	441586.2	809570.5	519150.5	947316.4	188023.7	1106895	277923.4	419628.3
439461.3	540196.6	71295.4	78166.14	57667.25	48655.11	30895.25	14944.44	1143739	902822.5
517662.4	336235.2	1092578	1109989	831840.5	767938.3	297524.3	245488.5	437854.5	959596.5
2533286	1634997	3012.491	18864.76	27012.12	35423.63	4384863	4558777	480546.7	2616382
81755.48	61192.32	48371.41	8742.191	186705.2	724135.6	622349.6	171393.6	32809.07	95754.09
17045.41	19369.37	16261.94	25138.46	74902.15	371427.4	113962.9	34198.63	3945.871	5376.457
2292155	1808879	0	4527.643	538484.7	989113	2877078	5263500	546794.3	1322294
22494337	22744824	5389113	486686.9	12786829	4367052	8638193	55784536	0	12895139
204061.2	150259.6	3212.268	0	0	0	335928.7	434602	20312.83	215564.3

408811	526310.1	4023.492	4158.258	10829.73	113902.5	49848.44	194063.5	228918.3	148991.3
260493	296285.8	2228.912	0	13546.41	47645.43	182542	567076.8	0	593152.5
133044.6	71213.75	188829.8	114814.1	327719.1	136169.5	265692.7	122676.1	37571.09	108639.3
286893.9	192147.6	75665.14	110797.5	86123.55	239409.7	223807.8	171446.9	119571.2	159126.9
343611.9	246158.2	2489.21	2278.514	6964.392	105158.6	526791.1	601232.4	16697.62	194328.9
329701.5	336330.3	2166.204	0	13103.87	86555.01	323601.6	331617	13059.78	79011.74
643435.6	522572.5	19585.13	21053.89	86070.81	545798.7	581165.8	1305150	265743.3	545890.6
174433.1	153582.3	13916.7	47569.71	23540.43	132948.9	102590.6	99621.3	40637.06	66603.39
88057.95	74453.38	76040.49	97584.06	42841.59	1812174	1499084	217858.4	36797.89	54975.35
19196456	11143539	20935098	97692.85	67136017	46213938	94419806	30725208	19444703	5127880
480343.1	447130.4	63392.21	32909.46	75488.71	153442.9	458513.9	279452.9	56299.55	394835.7
911139.2	1093096	137843.4	167478.6	142039	227295.5	25419.13	1411435	27315.42	428939.3
80000847	1.13E+08	257913.3	123025.7	523237.5	425692.9	1452915	1437589	2.59E+08	1.25E+08
626245	567803.6	62137.09	2023.164	138934.2	107588.1	713402.6	1489681	49538.53	181839
1.24E+09	1.34E+09	8604530	4312439	17548823	2.61E+08	1.09E+09	3.36E+09	1022681	8.69E+08
969377.2	154490	15594.18	8620.525	44211.57	1475344	917661	998736.2	932292.4	912819.6
3771565	2327296	3563.866	5996.294	88934.18	44246.96	6631505	6334424	744685.2	4015474
640290.2	760555	95503.89	111831.2	122849.4	92815.95	99964.41	317078	118558.3	37899.89
152966	35803.51	47198.87	245385.7	221649.7	1069573	1810949	96875.75	159644.7	163252.7
247295.8	140876.9	315149.8	402422.3	220439.8	1326074	557966.8	190760.6	160652.3	155783.6
836064.6	1187730	0	0	0	0	0	0	2846279	396197.9
286516.3	84254.84	133879.5	425786.6	481829.6	437331.6	783033.1	415844.6	200311	274794.1
585516.8	611112.5	1695233	770038.2	4657887	377792.3	1482837	1536130	0	316853.4
1320598	1535660	12142.76	9302.742	90399.65	165405.6	883855.5	3932799	6414.258	426363
787759.9	874273.2	114786.6	88976.26	122885.3	255942.4	279094.7	157297.4	2263478	908597.4
11635837	14366848	547163.5	586978.1	2641255	1776544	2098335	36249825	27409.1	11542023
31340.71	19852.86	180390.4	42026.66	171644.7	811486.5	67179.21	38343.67	46759.68	24229.78
10354317	6365963	1240393	383753	2024723	4569532	15319662	14448422	1718631	5348491
2033329	1289724	104079	81260.58	259902.5	1773096	2489450	2925604	419608.2	1043249
37494583	21811069	5042716	1581974	10784845	17087880	55032674	51874078	7647888	20695374
75872.43	78125.37	245319.5	204281.9	485480.5	32115.21	66197.28	211098.9	14151.65	69863.62
324401.8	320214.9	10352.29	21642.24	4321.85	9295.12	386958.7	814562	54913.09	155188.4
5163454	3277243	3858542	3920181	25547660	20149210	7938816	3731195	3731506	1264147
4271759	5878461	11491.47	12841.55	29769.73	26591.91	636084.9	459887.9	13965097	5791972
342548	254663.8	5074.732	0	0	79806.92	531180.8	562582.9	14853.17	126459.1
4339456	5926786	240025.6	233742.8	240674.5	139648.5	43661.85	23399.16	13927071	6210525
265425.5	58212.29	382053.8	533185.3	48567.12	559667	610964.6	353455.1	211884.4	213015.6
1133549	882156.9	146903.5	213222.6	287523.6	235006.9	1422953	1440470	163766.5	717912.3
4889750	3477958	1230693	560262.5	1845855	1503020	6008213	9955799	1439316	2055991
14009294	11539938	2668750	2713156	10139397	4099749	9317846	30245789	602364.7	15574129
1595400	2248514	12643.19	15651.46	19339.38	31917.55	11766.85	609866.2	9930.452	1301379
892273.3	1072687	10539.82	9699.666	77293.11	64209.34	518524.8	2540947	0	395832.6
1579963	867916.9	11293193	17503032	2922213	1284398	750159.5	898635.8	2692792	2348004
24865333	35392715	49515.46	70795.12	90185.53	33427.59	82514.99	83155395	33764406	267963.4
96698.78	116824.6	96539	257957.7	598012.2	42677.72	297843.1	289732.5	5335.461	118766.9
428148.3	297252.3	183559.2	264794.9	234568.3	271510.7	140336	413334.5	197601.9	100343.6
73600.99	25161.12	110193	116599.6	121897.9	175958.3	32177.04	39456.85	77638.06	95941.62

118791.5	94266.8	9682.537	2389.635	9041.483	104559.1	112174.7	233911.9	4936.245	48586.02
3821885	5251968	150625.8	136874.9	304968.3	46460.35	76803.45	21179.47	12252529	5673670
4683388	4730556	497738.2	582314.9	725059.6	2632300	2310108	1693751	1058682	1329487
2716589	445199.6	2033996	2605722	2757915	1699896	2495990	3293534	2314151	2329600
1103433	1100910	107601.4	35489.48	188788.9	220545.7	1025872	2964488	201666.6	427860.6
2465155	3208575	309514.5	304157	180564.3	207025.5	105321.7	22387.87	7287614	4244253
15088462	21480677	129881.8	108421	92474.99	5215.958	36140.93	0	49667203	22570140
293693.6	165555.1	0	0	11706.57	0	530783.8	500306.7	111747.1	226111.1
78868474	92120543	1071013	652782.5	3870376	12079170	52321903	2.28E+08	10084.9	52273563
3160162	3735649	151436.8	177680.7	349606.4	1272754	772704	513136.8	8581777	5538345
861123.6	549995.8	0	4002.86	4585.204	15270.07	1510847	1448329	132623.7	867785.8
593676.7	784451.5	64074.79	69286.05	34150	44910.89	15466.52	12286.58	1810553	957426.3
135884.2	137745.8	3598.128	0	3915.463	12854.35	154895.6	156865.8	19505.17	80641.81
6016575	8565198	38477.23	52311.46	36743.9	0	39496.3	78058.02	19938534	8678235
54347.19	76461.22	182855.7	300293.9	422455	1694557	19048.52	20660.63	33120.61	8189.189
493255.9	439911.9	209554.1	216777.8	292574.3	138967.3	64616.96	134243.3	207917	457698.8
216532.6	101832.1	29402.84	42165.08	26980.24	11692.8	374036.6	345240	127572.8	99935.6
1171321	994304.6	210917.8	299995.4	420752.6	690513.7	738303.1	1415745	95302.76	367035.6
503342.8	332187.7	154972	204255.4	192281.9	489266	282935.6	128607	794621.9	738162.5
482397.4	280896.6	3159.319	0	0	114992	831545.6	782406.4	57054.46	363755.1
2618819	3480533	217724	223691.4	229814.7	186364.4	91270.23	14423.44	8117390	4021435
2948289	4213521	9722.525	7598.766	4790.384	12778.87	4729.687	1327071	4474.58	2440127
25914.26	25067.23	44171.49	119947.8	153369.2	1187373	272616.5	65505.13	10793.58	31369.23
11735965	10325987	307726.1	94384.21	1434117	4344611	13983953	17861011	633409.4	926389.4
5992.11	10717.2	0	204236.3	62237.16	594817.4	26650.75	0	5229.82	0
428949.1	543574.3	3572.28	5843.402	0	0	232730	103509.6	19139.65	634776
11767778	16731801	30831.3	43828.82	122601	121259.8	220910.8	47046.97	39277469	16108129
26100307	23336871	169906.6	98854.96	615590.7	5047030	35048385	47736954	5808937	17866926
272618.8	322062.1	28394.8	72813.4	13185.98	112142.2	12068.45	215378.7	4512.417	19953.67
5230944	6380508	262035.4	66003.51	396746.3	896996.3	2261815	16283955	695215.7	1707375
3373511	2122179	27895.13	18657.04	70276.49	2188633	4956818	4831730	492920.8	2172571
182110.9	133823.4	61198.4	47494.44	335905.1	3827679	2862947	184954	14125.94	103955.4
15640406	22398083	46825.51	76649.33	76704.56	0	64798.21	96035.33	52028540	22650519
466071.5	652092.8	7213.201	2096.081	24224.18	0	28212.33	23261.84	1531647	654381.2
269590.3	106806.8	129022.6	175224	144424.1	254289.1	249298.4	308335.4	108879.4	222023
14306748	18086623	198326.1	233444.4	5931499	18341.17	2105753	38743209	0	3462857
101787	87564.75	183428.4	356767.6	502552.1	110661.4	39811.11	188542.6	200521.4	69456.44
421253.6	199295.9	0	0	4396.522	25336.1	782087.3	759951.5	283056.2	321024.9
5076878	1131345	3169426	3718805	3665435	5680316	4419178	5608312	3795294	4792945
114038.9	73832.77	118668.2	108503.6	155654.8	749385.1	404949.5	75116.23	98791.01	32848.71
8548971	1397373	5983876	7663573	7937164	8903753	6476592	9056808	7153281	7169352
678193.2	210580.7	12236.1	8814.22	31084.77	52973.99	1283487	1022620	729513.6	584905.2
181440.5	182186.2	158330.5	134935.9	387838.6	1466301	708556.8	343004.2	0	83921.18
198212	149356.9	0	3084.928	8342.874	20867.53	315793.6	442391	67523.15	214475.6
76724.98	58047.44	826883.8	1411405	189079.7	58615.23	7531.959	20473.56	154417.2	121520.3
459631.9	308117.3	3305.772	0	11805.19	446709.7	540070	838389.4	182787.8	480168.3
2.43E+09	2.62E+09	18866539	5840504	30228211	6.73E+08	2.12E+09	6.56E+09	746255.2	1.78E+09

985751.5	1407550	7806.566	6348.523	4680.591	8048.132	14222.71	435553.7	0	993168.3
2832794	2818614	2743.423	0	16264.99	106967.1	3568464	5092816	643495.1	1800655
1141816	1553817	9424.965	6038.221	3565.062	38893.62	253011.2	83837.41	3595102	1793330
822386	436633.8	0	7910.643	0	11567.4	1514105	1519560	604170.2	634375.2
570545.4	482677.8	25629.77	18498.03	9718.472	96381.64	809126.4	1035891	135752.1	596839.5
5372066	4428346	1327581	684568.5	2224408	1093245	5582390	7960460	0	4127989
91149.72	29974.99	132602.9	159162.8	140044.3	183872.8	716644.6	70587.67	99518.79	55543.63
1030128	640869.9	3471.385	3298.156	24076.49	217205.8	1754227	1780772	160123.7	661864.5
239687.2	293016.2	0	0	0	21043.92	154731.3	341618.3	13415.62	119728.4
59549.17	14998.81	258888	193134.8	38370.06	82811.78	56568.61	42406.94	51525.44	66122.92
160652.9	156767.8	0	0	4697.015	0	210933.5	385455.7	5446.905	55441.21
98871.18	54093.08	0	0	0	29125.54	171969.9	108733.9	10791.3	91245.17
2948534	4151925	110356.2	113938	85390.59	40481.39	24284.77	15661.24	9600455	4453497
1606154	246092.6	1025714	1169083	1476885	1647706	1566904	1647813	1331105	1381548
14604452	17598924	7970139	3419508	77725.1	260463	184426.5	203646.2	8327988	22874861
350372.3	190023.8	0	2927.957	50461.35	383828.2	419361	516785.7	54187.29	276808
27097842	32758698	4040210	156609.5	665472.5	4362801	12761409	78893117	188117.1	2985413
4126168	5965562	3744.296	0	7482.554	12771.41	7608.836	12383.81	13875583	5855313
4.68E+09	2.96E+09	7.36E+08	4.32E+08	2.11E+09	2.94E+08	6.98E+09	8.4E+09	1.35E+09	2.12E+09
1283861	1073907	146906.4	56435.21	255606.4	506048.4	1502244	1513253	89227.08	838417.4
909461.4	584702.4	119161.5	156690.6	163849.1	637804	1144479	1240935	105907.4	525518.5
354563	506089	2329.606	0	0	16117.94	7489.538	6138.368	1158403	556357.3
1398176	1399227	47362.11	66978.8	123453.9	951084.4	887525.3	902665.8	120138.1	338100
3154141	3734572	1114482	514568	3672941	70506367	86617893	2123278	9717324	850938.2
1138501	672149.5	377971.7	200989	745191.8	250382.1	1441944	1614859	273084.4	555918.3
12117726	17505290	27417.48	39095.68	51583.74	22231.01	65282.31	50772.88	41062634	16310958
2951859	2204215	120218.4	119583.8	64017.71	566602.4	4597340	6381606	590751.3	1956908
28445793	4145942	15361177	20511466	19925028	34544837	24998636	27846601	21516231	30027512
168061.8	143492.2	48580.17	28637.5	108848	28466.71	123339.9	99527.47	16059.47	103208.6
32065.22	43402.74	198266.8	518449	790251.9	3611389	85200.64	7704.871	4970.163	7966.609
4171570	2563011	670623.4	442868.2	1425287	854212.7	6303115	6151253	1263471	1582927
9650237	13579572	38989.1	36568.93	56456	628961.4	704726.9	4478112	1966070	4237840
476538.5	271186.6	56171.32	12496.93	86777.77	551482.7	495897.7	780549.8	192574.5	345018.7
194323.3	135359.8	201783.7	180893.8	443689.3	2000885	754140.4	316743.4	24652.79	104174.4
3.3E+08	3.95E+08	7725438	4181849	4612832	61157341	2.07E+08	9.91E+08	586602.4	2.96E+08
362084.1	412093.6	19940.14	3074.104	33330.3	66985.69	255526.1	235691.7	1088402	60092.65
230796.1	240618.4	13080.2	10674.57	9517.453	117131.8	163483.3	300290	0	100752
503600.2	309904.3	0	0	3707.672	58540.55	886465	841050.8	67074.25	314493.8
765199.8	1072985	5929.339	0	9245.93	49536.48	68956.91	79058.16	2533860	1040950
16732727	10796256	3167706	3922283	6497911	12379093	17774288	22227117	3181632	8473761
18576561	26209356	123565	131583.6	209610.5	922815.4	1362156	8561120	3743445	7973862
22214950	10556062	4002905	2116554	4684145	7974431	36263082	37475805	12697413	13671942
1267515	839372	5117.067	0	22275.63	142124.4	2177270	1755209	137001.9	605373.1
370246	460199.9	0	3961.031	9567.379	149379.4	102112.5	191369.6	84684.51	169933.5
8961.077	3561.488	9753.792	12223.91	47454.86	596986	1248610	6052.205	5252.065	13908.3
551738.4	235530	1459063	1480511	108469.6	635262.2	1160852	617639.8	756028.2	680113.5
8156698	8218915	17590048	12467168	44247530	4008354	17640988	21719458	32166.89	7923729

76434.26	68001.35	157868.5	1286441	501333.8	108159	81786.58	50095.37	71229.1	193162.7
108525.5	100015.7	125917.8	128796.2	106402.6	478835.6	307794.2	57586.52	7451.68	46477.64
490061.5	299642.8	143135.1	131206.3	147405.7	115024.5	690813.3	673027.5	31784.57	342756
6781662	5416267	25122.06	13479.23	364785.8	5640518	7338673	12755677	2488373	6341168
2128170	2666160	5758912	3725991	16411983	1225710	4512565	6788349	136861.7	861738.9
364696.3	238185.7	53893.88	35001.92	76088.13	43615.04	572528.3	560655.7	0	245961.6
9212.504	11651.67	76360.48	18902.87	118480.3	499236.8	23151.29	27924.64	0	5668.948
1761170	1295180	204791.1	94453.84	667425.4	624133.1	2270012	3304903	682352.4	405364.1
2.07E+09	2.19E+09	14550877	4755369	25291621	8.41E+08	1.8E+09	5.53E+09	1711796	1.51E+09
337106.2	238319.1	31434.45	5358.687	6690.494	44044.49	549143.5	399910.1	182852.1	58189.04
205708.8	124921.6	7635.4	4517.249	0	15694.08	363868.1	326803.9	0	217962.1
855935.6	1036135	0	0	3831.691	82884.13	606253.9	2103835	7418.974	8834.4
1.19E+08	1.41E+08	3158894	1589447	2420958	23788001	78971532	3.54E+08	387586.7	1.09E+08
17104329	24811946	73792.78	49352.9	145694.8	31598.76	183862	76971.3	57193083	25462994
4484826	4240591	51058.1	38099.27	2815604	1290936	3368416	10894408	17495.57	2931834
2.73E+08	1.41E+08	1.64E+08	4.46E+08	3.53E+08	6.06E+08	4.72E+08	2.95E+08	92453825	1.83E+08
550173	307810.3	56519.29	52139.64	72147.32	929570.2	95493.57	911998.1	190664	417483.9
50879.71	34727.96	10506.07	2622.423	0	27415.23	71473.66	89463.91	9658.303	23486
814333.1	599076.9	100687.8	153884.5	108152.5	425641.1	1018913	1519102	60208.27	336836.3
39796869	64951345	23523072	12083818	78431305	3.02E+08	3.75E+08	250704.1	47721817	1.5E+08
233839.5	195667	2666.324	3755.758	2812.261	56360.67	337556.7	201575.1	5898.023	129816.2
1208143	1740255	38603.43	21912.15	15892.81	0	8309.816	9606.33	4073378	1659920
2304184	2471259	509358.7	149219.6	171097.7	300432.7	1826969	6351943	0	2794232
13538304	13773239	142401.7	17024.64	403882.8	3584177	14517599	35892948	585712.1	10607008
316958.2	306823.8	84515.56	125363.9	103628.2	56901.98	162561	175442.6	155669.2	862155.8
112486.8	129050.4	18213.04	38305.16	37451.91	16955.77	9713.591	141047.8	4461.775	0
15884937	3709146	8240528	11378285	11167651	17857108	14522155	16652316	11813113	14050125
198632.2	83347.02	384698.7	371815.7	98300.57	895305	271624.4	169396.1	228134.6	173926.6
734481.4	739817.4	17875.51	0	250423	503626.4	338897.2	1561076	30748.77	52917.06
2.11E+09	2.17E+09	28909611	19395506	40680900	5.74E+08	2.21E+09	5.37E+09	31505862	1.4E+09
251259.6	192854.8	9872.391	15066.76	14997.19	101513.3	354344.8	479515.3	30646.95	172213.3
568223.5	427325.7	0	0	7179.942	116239	906740.9	1059233	17363.8	354260.9
5186445	3595605	495620.9	127035.8	1068898	2057280	7516931	9670962	1128489	1874378
215726.4	205488.4	3063.315	0	7049.051	36130.11	276671.9	536660.4	13581.62	59821.42
151893.9	147909.3	82713.27	119024.3	105090.3	2446402	3351321	76080.02	41419.65	128123.5
367034.7	269853.7	0	0	6851.615	0	623349.6	714920.9	31289.67	264615.4
1717859	1008570	49897.86	54058.09	179779	620746.2	2829230	2692856	256088	1135458
1412384	1021915	0	0	0	0	2426329	2552865	201281	726771.9
138995.2	70314.75	180643.2	217810.8	124970.2	815698.2	318790.1	182903.6	47511.19	96745.12
1706533	2298015	4782.665	11568.37	37120.48	143040.4	490975	477307.5	5541118	2162795
25821.88	46730.12	0	188650.3	1248697	360963.4	4027854	0	0	0
5325011	7603423	12352.35	63991.6	30564.17	332759.1	259768.3	2693063	859148.7	2188386
838642.2	990471.9	27693.63	12537.3	62195.44	353655.4	346324.2	372787.7	30680.75	235557.6
109962.7	83737.46	28918.62	23090.71	223924.7	962255.8	1087499	130752.2	13323.48	152182.1
310418.8	144170.7	79446.95	145773.4	142966.8	372466.5	237942.6	211169.5	123066.1	332908.7
244365.1	215631	4516.453	102813.9	99890.92	143706.6	129020.5	112353.6	155783.8	627655
3790797	3996401	52665.05	0	53637.41	600104	4098822	10748583	2864073	1418706

2969007	2385124	1752185	2168297	1462727	802612.1	416496.7	312647.4	465727.1	4135222
9549933	13402889	197279	240605.5	242760.2	697615.6	741023.7	4872445	1543325	4205573
3806184	2151699	355245.5	170481.2	792612.2	2172042	5735064	4859695	615935.1	2568848
17178580	22737003	120075.2	27267.64	5403180	392774.7	2479926	49445614	16498.37	2356626
1137946	1635448	12198.53	2641.775	15535.82	39299.41	55253.71	0	3847185	1512013
5192757	4374441	80601.06	111923.3	2279044	1739987	5895011	12227241	1110195	2028485
1212014	1759140	2898.107	7311.455	0	48140.14	17879.87	31005.24	4139275	1582949
519968.8	676998.8	70216.75	86844.58	39860.59	65573.17	36265.78	14601.35	1523814	920930.7
411410.3	309406.1	798919.6	4188456	1705301	514778.1	296482	219232.5	399496.3	945644.1
2611457	2322088	400743.4	112955.7	700686.8	1430314	2315680	5657322	157255.5	515866.8
1597095	2211090	143430.1	140141.6	98996.98	31632.4	61749.72	17034.68	5115366	2450312
295036.1	197701	31475.21	67215.82	127626.3	116711.6	379231.3	574064.3	77472.1	146466.4
2217467	1812498	0	12971.29	833590.1	1636060	2087614	4379114	359930.6	2279813
177256.5	203871.7	6251.453	0	39072.49	10649.75	130471.4	190317.6	14928.62	48767.87
1534077	298098.6	1518673	2358448	3767616	2203132	1224017	1386796	1468415	1191218
1091704	192145.5	1202262	1181550	1197755	1585406	1120088	1033521	905833.5	943958.9
3738485	1641202	516654.6	643362.3	2933894	2463740	4716852	5571968	1573654	4079375
183438.3	164216.8	0	0	4088.704	89266.35	221792.4	385469.2	0	34225.28
3036264	2318486	787820.7	437715.8	2277472	2186191	1454901	6890832	981743.4	1512503
1.04E+08	89452954	150206.8	11045639	3702560	7307041	1.53E+08	2.43E+08	707052.6	78081013
614683.9	96693.08	573503.3	695582.9	754641.3	805970.2	652608.9	750198.6	527618.7	518020.3
1157116	1541640	95439.4	66355.69	86170.5	129213.7	181754.6	15165.52	3597515	1778679
7312932	7304599	134758.4	56970.73	85444.01	975780.2	8992315	17726848	1230597	2428322
782225.9	333393.2	112631.6	16302.57	93240.33	1382112	209502.3	1181050	341890.5	682795.4
203544.1	296564	2896.717	0	0	0	10096.02	177656.8	14497.3	95785.87
817036.8	1170556	0	4086.849	4308.721	0	111828.6	372629.7	13989.3	819522.8
4690436	6824617	12399.41	12015.56	70703.98	32005.11	214687.9	23410.58	15929181	6455402
475899.3	335386.5	224879	249462	226122	331834.9	208341.6	209035	186725.6	342189.4
85064.41	110874.5	0	0	8233.906	40888.09	0	95615.86	0	60313.79
4061786	2525459	475157.5	137822.2	991497.1	1549234	6220763	6043853	694351.5	2038685
185776.8	183289.7	0	0	13655.71	73482.56	195927	197072.2	7095.53	35547.48
251104.6	189766.5	421352.3	2330713	1162096	291975.8	135909.6	124820	268963.4	574139.5
1635372	2294267	89487.73	90508.73	116978.6	28463.29	97157.82	90682.61	5404714	2260934
33140872	36714090	0	0	4681668	6064659	28668795	48439896	0	89099616
8432841	10968382	524501.9	624813.4	453667.9	1191554	2297897	406574.4	25605509	13143278
3400183	3293653	102301.4	8678.33	43503.09	748519.7	4214486	7929239	755219.6	1226362
248129.7	197005.1	8060.554	3279.572	24565.02	45542.48	375075.4	266270.1	481673.8	388072.1
3462800	3924989	9249154	5310083	23196841	1708801	7002085	10069134	0	2831424
8481458	1062747	5344584	6047168	6631910	10151457	7476003	8855216	7667412	8428272
183656.6	193468.8	63468.77	75896.39	57101.27	45066.1	23007.89	127110.5	19395.3	35026.06
29110373	6730341	22610534	25580426	27412265	17098068	27730059	38612994	22204372	23340288
183305.8	113880.6	6780.624	12079.8	44145.73	204567.6	187277.7	306174.6	37508.43	90617.85
2572658	2389633	53392.36	41853.49	108644	448293.2	3421041	4853404	497673.2	1684770
1069878	642631	156155.1	132014.4	227800.2	975843.8	1276704	1779495	373549	404751.3
210361.5	161818.1	294008.7	614854.1	942444.4	114918	262299.2	461908.6	29712.86	228893.6
171116.9	126975.9	11606.51	27949.89	23201.1	208867.6	109477.8	285808.2	5780.419	64189.76
548672.2	747653.1	65991.51	68194.06	44469.83	33677.43	10114.4	29820.48	1747514	816260.5

3845047	3945586	167988.5	220827.2	444788.9	2217841	2670483	2028712	351257.5	1538525
2114534	1819076	308379.9	85362.56	251398.9	623145.8	2674425	5151008	1042158	1327652
14469.34	8046.84	26278.39	14360.22	93599.69	397583.8	72531.83	22182.44	6526.786	11543.03
131771.6	100530.2	120140.2	81837.52	278899.5	1128741	501264.3	243306.4	0	64847.31
260001.4	165629.2	4216.031	0	5766.724	0	468817.1	287629.9	42905.32	150699.6
1385074	746962.1	473963.5	184607.6	782230.2	455467.5	1922951	1841951	265051.5	963705.2
576695.1	357249.9	151813.8	214076.7	177211	544003.1	517550.9	465945.3	238265.6	269301.6
448440.6	391487.1	45111.23	28113.99	209861.3	118327.7	469047.1	1022062	0	214845.5
5758405	4323314	405594.7	271241.1	998268.8	5811542	5328881	4609029	1305479	2262321
7569662	9900855	734380.4	596291.1	2482871	527538.3	230422.5	24372164	0	4903557
18697.84	20748.87	74547.14	50219.46	102918.9	849474.7	155987.7	43453.41	37865.44	0
221823.6	202948	0	0	2865.431	5332.745	328122.9	501442.7	197425.9	343107.5
387641.7	336890.6	79750.79	9308.37	76175.66	226518	373386.3	911107.4	55858.19	128256.7
1739569	1794396	27924.89	4583.083	257614.1	556532.2	1666707	1571107	417932.7	4759880
9499209	14161685	0	0	0	0	0	34502134	0	2488762
762182.7	825033	16601.67	5403.783	342402.7	265926.5	395919	2045793	38651.46	62088.98
34749.9	51782.94	157025.7	397950.3	638004.5	2980702	64914.21	0	0	23235.47
178559.1	168399.8	3110.547	21481.84	0	80006.9	195350.8	422406.4	39141.74	78321
96637.39	27579.7	138766.8	177181.8	67287.48	102657.8	159833.9	106880.2	92518.26	65732.37
208513.2	178062.4	62130.96	118543.1	102501.6	131191.2	26585.44	396008.1	28007.04	47334.27
5168212	3130133	726096.9	124523	1483843	2622697	7620919	8207238	800185.9	3017195
626486.4	331769.4	1050223	1703360	401298.3	1744407	497640.6	1029427	268016.2	299045.1
2313083	2767765	8639.626	22761.7	56997.04	92344.78	1970948	1396730	147421.6	2368164
513769.7	676943.2	76637.81	71213.44	89107.78	14130.55	52116.38	133101.2	1661747	598413.1
215035.9	131906.1	42863.05	51935.99	62761.81	258782.2	160597.3	353211.8	112031.8	79709.79
584843.6	83549.57	409957.7	577889.5	222528.1	631679.8	510102.9	662887.7	496190.8	495890.9
1398512	1037128	763835.9	578890.8	457274.2	1051988	647321.9	3046774	927789.6	261831.9
54736.1	31960.99	57753.39	196201	107623.4	53202.44	70506.2	93628.41	34907.73	81342.46
281501	203746.2	45058.8	17938.14	130061.9	320098.2	158286.6	410855.2	15157.37	166855.2
339778.5	214914.5	761202.7	453973.4	2877418	96110.86	1151626	700342.6	138403.5	329531.4
87239706	55028423	19455622	22402197	33461469	62897627	98052296	1.14E+08	17387365	45441778
145763	100393.5	28324.17	53131.64	47530.22	109723.8	139425.7	84070.83	35045.49	119227.5
8752477	13031237	21905.7	30393.48	71388.14	24668.29	76059.95	32445.15	30248908	12063460
239744.2	47161.91	144856.4	504207.9	653529.5	369062.8	222250.4	203712	259937.5	281122.2
606707	378882.9	210379.7	307381.3	249779.4	586139.7	377419.7	787559.5	151192.1	302796.2
1622572	1761093	5813673	3245466	7663410	458533.1	1652941	4685189	153114.6	1121291
1144650	1322412	67861.77	42348.18	545911.4	190030.1	443420.4	3225086	98572.46	61280.05
196690.4	146005.2	58024.73	74879.08	81245.64	107154.1	167686.2	364881.4	58909.89	55771.36
40724697	58067508	492178	1703584	3156630	2559859	1834988	1.39E+08	437893.9	857891.8
637073.5	425938.7	345091.9	419280.6	370157.7	423718.1	195119.1	1205793	262515.3	193546
47909.38	51383	91121.9	51745.58	213769.5	763786.7	109736.4	58982.42	4270.95	12074.49
3549620	3742820	2535.741	2705.897	645102.5	2895487	1480928	9358546	103385.1	374116.9
669576.6	975278.2	4142.82	10707.42	14497.28	42999.96	21298.22	216978.7	33576.26	582274.2
1030466	1044163	12082.44	2791.997	20683.73	622488.8	901802.8	2707205	22631.79	341812.1
44219.2	38838.4	22172.3	18354.94	172871.9	646121	219958.2	80198.55	25338.82	25688.72
1952926	804720.3	822192.9	748808.9	951586.6	2029772	2036947	2988961	740327.6	1899808
2051009	2468087	3397.282	20228.4	19936.29	67162.76	1777180	1086048	40438.76	1889060

1209050	80456.06	409619.7	245121.8	676457.6	1453673	1393380	1150570	1270258	1141365
1585118	924896.9	428805.1	232378.2	1961125	153724.2	1410357	1483645	406269.7	1429349
6900299	10300310	43802.33	27968.63	36855.3	15250.05	62076.49	471470.9	24363676	8208221
510083.9	592565.8	0	3158.841	0	142432.5	403048.1	1479527	8942.16	53411.61
685748.1	675004.1	22252.48	7674.608	67367.68	487249.6	532582.6	329888.7	54275.06	302941.5
4018657	2381640	1294531	1266602	3055870	2973483	3296355	6942945	332423.4	3825453
48723.56	69971.63	157679.9	1030239	315898.7	66746.88	42067.15	11327.34	48226.53	169685.6
150987.6	195817.2	191268.2	66255.01	312237.1	775486.5	436068.4	167085.3	18660.17	17142.93
278946.8	345788.1	30327.69	0	82748.46	37511.21	92964.28	721946.9	4326.978	17541.07
19509838	16853479	5155086	3281599	7166879	4008457	20069432	43921910	433139.1	12505431
18291569	21169294	729876.4	636017.4	1377939	1235392	15939786	53820238	45180.45	7145094
7184813	4441242	2990.634	0	66428.09	21297.03	13239556	11364431	843616.9	4289348
5057454	2876365	37188.06	14418.95	167930.3	2160376	8612841	8062699	948514.6	3504150
782488.8	812800.6	69370.42	47793.41	583560.8	394003	78703.41	573276.5	374425.4	2221457
584724	651616.9	10726.07	8153.267	52339.65	334438.6	331262.3	284636.7	21424.81	180028.9
1954483	2489304	107568.3	42640.35	114208.4	479867.7	749029	691726.6	342308.3	489312.8
206736	108024.3	59451.7	35526.01	78769.83	76478.27	310695.7	309032.5	41433.74	159996.7
12258.27	14948.61	50712.76	450407	152979.8	23244.26	0	7117.958	5241.409	38064.94
233363.3	197239	102473.8	70013.79	109200.6	147563.9	81132.9	235051.6	68622.17	47658.26
73782.75	18937.18	634526.4	1516480	90579.96	107421.1	82644.7	76572.37	104225.4	66432.21
999106.3	687894.4	429038.6	506517.4	661131	13039989	14829516	2214351	740957.9	515528.1
5855399	5495141	226876	48226.87	2048958	4230708	4044588	11684733	511790.6	694909.6
3606520	1466803	401317.8	218171.2	621077.7	6013835	2006988	3402556	2138030	2577948
673916	626268.4	17952.36	53794.71	171785.7	495336.8	499528.3	348716.3	237363	1225166
10244061	11592857	76040.32	124434.3	2393066	4466430	5478428	26940281	495390.4	1670245
902067.9	377661.6	2560.769	0	5995.276	0	1763862	1535371	525969.4	796326.8
1061294	1533381	0	2268.887	7405.603	25035.94	192566.9	92448.81	3600731	1430441
682027.2	990534.1	17180.18	23298.01	31516.07	9387.848	49229.26	75012.7	2381578	741900.4
1185829	945664.9	29553.3	50027.74	125475.9	229901	1803943	1630906	174021.6	609007.3
2157423	3177506	56426.06	128895.4	51404.76	12513.75	20694.56	38887.77	7506242	2662124
2929263	3898872	0	0	61501.77	439467.9	1209406	9429576	0	364026
1330909	1379499	198281.8	36995.01	55919.57	342947.7	1322870	1105663	189848.5	501064.3
1929788	2748811	152161.3	143992.1	143546.5	69041.31	43324.13	29423.51	6484038	2560494
15062742	21555727	76920.05	112929.6	154270.5	889691.7	2737426	51402944	10094.86	4783359
1839790	2288696	84303.58	23381.44	68935.65	59505.18	1320860	1203329	5617337	2203765
3844200	2780745	507719.8	182475.6	1189582	1551030	5271161	7495438	1200520	1280693
3012976	4533913	3040.874	7213.763	9288.563	18488.57	37454.73	8218.129	10544940	4027842
460009.7	427339.9	57686.89	9389.164	134392.5	50250.36	549806.7	1146514	47927.9	161825.9
3582926	3361996	163560.5	131002.3	477137	2328226	3287017	2091700	324282.8	1576449
115799.8	93152.93	16957.65	14162.44	12865.1	143724	56445.23	228717.4	18179.4	26837.87
1586039	1861854	292484.4	423191.3	379993.2	583944.7	91468.06	1716560	350764.5	901306.2
11227981	10630618	1456114	979705.5	3480202	2066258	11797103	26766256	268475.7	2925238
961552.9	821565.4	220759.7	232255	240791.2	620730.9	737862.1	2374695	663767.5	514344.8
4871476	5179713	450235.8	494171.6	655731.3	2034853	3446418	1631845	942089.3	1475547
424396.3	548100.4	114607.1	85554.87	40364.05	39936.82	32124.12	17042.23	1264424	702066.4
4089831	2498846	73224.45	43629.82	319137.9	2324671	6464947	6014736	582777.1	2465382
559948.7	583463.9	3011.288	0	25901.82	14513.95	707061.7	1269848	0	89227.64

666909.5	843515.5	159797.2	134512.6	109524.3	80730.61	69079.85	38974.38	1917128	1168025
4804892	5776575	180414.4	173445.9	173952.8	486721.8	3741958	13186894	289997.3	342904.4
1472044	1832837	20904.52	0	13350	176518.2	1052529	4510480	6060.671	211512.5
668637.9	364010.7	437984.3	494163.6	492749	481652.1	214512.9	924761.9	341482.4	205350.4
294695.1	195419.4	139144.2	324953.6	899662.9	414392.1	1163276	312828.4	69380.42	235738.3
1287290	698833.9	472883.8	481852.2	445757.3	1239789	1276111	2360240	635201.6	705514.6
169831.8	152361	19717.73	5400.727	10958.64	16521.78	238680.2	163497.7	16046.66	122681.5
3889335	5557969	338513.2	323498.1	308990.6	91987.72	84319.61	10829.11	13023979	5355907
239653.6	190827	147108.9	150659.5	103572.8	90238.61	75677.21	211316.5	18080.22	138607.4
9491.26	10548.39	56780.65	7675.746	67845.35	327674.2	21316.38	6003.477	0	0
1057330	802916	97554.74	269786.1	254156.4	644936.7	1192845	2389597	260082.2	861433.4
2026442	2450672	54819.33	27927.31	214935.6	197042.5	1489515	6293718	0	1428001
618562.5	344761.7	237582.8	416513.3	376893.3	427995.2	486284	892763.1	325131.2	598787.2
2772071	2496687	882762.8	163744.3	541270.6	909787.9	2861884	6843285	642223.7	934961.5
727342.5	391781.6	9939.72	5493.12	1321443	78232.66	120213.3	740959.2	373878.5	555070.1
2773347	4138130	53459.12	39736.2	38672.41	56669.77	72261.67	1177532	30616.32	2162967
331730	216191.9	67897.44	22511.88	64476.68	469546.1	181769	485559.6	192353	93521.43
3838336	2680454	31510.6	50747.38	75753.87	3986633	4438069	6939669	411560.5	1736082
69027.62	39140.02	87833.29	64759.54	122872.4	131404.4	84196.78	82273.8	72399.89	44375.35
1576917	574050.7	1022051	3045587	3605974	2476716	1484422	984169.5	1632426	2342172
2229354	3328657	64105.26	60047.65	63412.63	10881.61	16408.32	15662.47	7759039	2974018
1554984	2305911	12018.36	54962.51	42953.33	5302.854	86849.05	25586.25	5348259	2170428
559712.6	396222.1	142495.9	50792.29	240078.7	163934.5	740140	970875.4	78801.67	212408
41403.17	53154.54	34292.62	22371.44	170668.8	542529.6	139084.8	48436.24	5460.186	0
626768.6	685066.8	93872.52	18551.7	51621.47	92488.59	581035.5	1822011	314079	89023.74
208932.8	133571.1	38317.55	55926.92	217295.8	86022.71	173470.9	90408.74	178237	437706.1
908106.6	224700.8	3482073	5411316	1346373	609231.8	605429.7	722440.3	1085161	1178239
71693.21	52896.62	15336.07	44409.42	52749.08	4567.81	60198.14	118245.5	11196.28	22837.55
2140050	4302335	4899506	80909952	39065841	2270.544	1103622	577607.7	8729.901	289349.6
2830181	489370.9	1613582	2292168	2076435	3400785	2292898	3066194	2156552	2548282
1772176	1438613	7192.196	13257.71	391141.1	344727.3	2630206	1925782	305833.4	783074.9
120655.8	102927.5	0	0	12783.89	77581.67	144277.7	85916.12	4424.458	132148.5
2266145	437766.4	1501251	1726630	1952555	2488850	1944548	2289924	1789100	1977598
641555.4	882803.7	3735.45	3987.377	21333.03	161310	122799.9	171445	78649.85	141863.4
569570.9	766392.8	6836.524	5785.655	26509.45	169684.3	125316.9	169588.9	88270.35	77875.19
1741807	2160005	228602.2	32621.02	664667.3	178296.8	516266.5	5192686	50181.04	131924.3
1.61E+08	2.64E+08	2.19E+08	2.11E+08	6.42E+08	1.76E+08	6.24E+08	6.1E+08	3298916	329397.4
581904.1	732887.2	30274.54	16592.6	215015.4	53160.71	188810	1262790	16422.49	15860.15
458596.3	141735.6	3096677	5963038	323904.6	543562.8	433920.7	262958	545895.6	634969.1
350562.9	505427.9	4774.039	4181.754	6011.401	0	81901.74	1234367	38353.75	210117.9
1087931	1625681	2944.565	17153.06	27613.57	10426.33	60185.95	25485.31	3798834	1427418
1549986	354221.4	924573.1	1635469	2402253	2748783	4473357	2003575	1280365	1688107
416229.8	355040.7	106525.8	107689.6	38656.7	26829.37	537957.6	268094.7	16644.32	369603.8
301350.8	276761.4	101654.7	99835.02	54966.5	80883.88	251876.1	767005.4	45309.14	213255.5
3014629	4458634	16741.86	6954.11	133190	50808.3	276612.4	131607.7	10337138	4244458
54787640	62756857	790234.1	839557.2	15432617	22943511	27417310	1.52E+08	2666152	13438123
162313.1	123529	439298.8	453782.4	402635.6	39213.71	159399	97005.49	346669.3	34596.66

665110	970274.5	38119.13	38025.39	31725.36	24796.01	18847.99	0	2251456	948748.4
1647859	1421480	179336.3	33954.46	635435.6	1075731	1489788	3003013	115822.4	277889.7
724466	703396.5	10519.81	23859.52	27168.21	116323.9	956330.8	1472653	6145.841	134440.9
554854.8	319732.7	4761.369	3470.322	27335.43	552833.7	749738.7	723912.3	77817.04	426057.7
135770.5	90670.47	161679.1	244733.3	234479.1	404155.4	83819.77	74848.91	132320.7	270096
34271925	50870204	2952623	1406929	50388.9	200738.6	485857.5	1.23E+08	23918620	260589.2
257520.4	187341.4	7585.842	0	57429.3	216318.3	306616.5	249494.2	0	259477.9
1473203	1841772	372265.9	371489.7	379820.5	174444.9	48195.85	20579.14	4238677	2481359
341354.6	509720.8	11593.53	3116.598	7602.623	0	20115.51	0	1185478	463474
1276519	1171185	152383.9	50344.65	217672	1229810	764747.4	2907215	38982.17	236805.2
2436535	3668099	1874809	1023620	108164.3	44916680	35556681	1212921	1634580	8902866
2937554	2730638	1522883	1574022	511122.3	1232795	899487.3	7719145	2112633	784505.6
258443.1	178779.7	293699.1	1428798	770742.2	195221	316939.6	191817.8	191295	572159
4763630	4566623	41662.49	0	216086.8	993239.4	6358121	9702335	247183.6	1521705
3402945	2058314	24323.86	8839.204	43614.36	1018955	5988946	5877484	691898.5	2311413
277691.2	306398.8	88603.28	126464.9	102916.3	51447.21	16581.14	190586	23229.32	26445.62
4188390	3168333	3799646	7287806	10178738	3206000	21036926	8866013	4372489	23781.96
816066.2	1087651	86694.21	132383.5	107510	135965.1	70297.44	2673639	108869.6	144115.9
15959216	23927704	67010.53	128116.5	64166.02	561597.5	941507.4	6706255	2231941	5906838
8163718	6866398	436079.2	419062.2	1132022	7785021	7109402	6428583	849891.7	2976487
1290465	1803285	146649.3	145815	151891.3	61012.4	67215.49	41642.28	4214468	1865092
3360293	4928865	154806	136910.4	163542.3	39875.45	239561	53709.35	11403741	4836819
312121	227976.3	113915.2	315359	977036	611456.7	818690.9	244512.2	44796.65	495537.8
8649010	12934480	31434.03	19286.59	27179.6	502476.7	513824.4	3721229	1112803	3284786
2874320	495960.7	599040.6	329956	627444.1	2596621	4408718	3461666	2258888	2832357
6958623	10318622	266661.8	306932.3	312813.1	177679.5	116163.3	18953.42	24351726	8467243
312067.1	211048.6	63729.86	37302.55	76511.88	229706.3	380255	330815.8	88961.25	355637
438158.2	321735.3	538463.1	1940339	1198795	451461.6	356315.2	206492.7	444290.4	954521
1028501	597767.8	0	9526.378	52527.71	175098.8	1871760	1287241	163042.8	1100247
98623.6	32793.17	97410.06	92276.92	174457.9	823022.8	302586.7	122927	41695.92	100728.6
5420120	3422727	1891470	570932.5	3039015	1713537	7107455	7828211	1095138	2335736
1385240	1304713	166837.1	33760.72	285987	299824.8	1649282	3463476	278565.4	266841.3
7954268	5102324	43791.89	10210.77	315623	1126676	14231488	11189907	743095.3	4391067
340710.6	499422.2	9070.259	7483.354	2319.821	17309.3	42191.36	84409.58	20805.06	256929.3
665933.4	564930.2	6405674	1386554	2909684	118999.5	745960.3	1648596	642512.4	370202.8
716512.7	382245.3	5537.469	17780.24	63322.08	295937.2	1244411	1002469	46590.03	837915.9
420146.8	287410.8	187246.8	552758.4	865898.3	2425780	905917	286950.3	209524.9	299534.3
4016186	4034326	119001.2	62665	479685.6	1279903	4440013	8532028	41104.28	1343574
1438528	1289970	26961.15	13484.55	173725.9	341923.5	1991126	1928683	68959.91	592580.5
564021.4	432463.4	54289.08	89213.23	100091.9	432702.5	621077.3	368505	112232.5	285922.8
621488.3	693317.9	12899.7	10850.67	7687.679	42047.14	691943.8	1717933	138907.7	346497.7
645081.2	363209.7	69122.44	7842.263	96381.46	1100693	211053.5	1168170	215211.4	462771.3
1145531	1215828	2938050	2611464	4022448	38651488	7810679	474970.7	3260377	272659.5
109901.1	111824.6	6636.747	16360.98	15557.81	110949.7	26478.25	140208.3	10311.5	6741.668
93205.65	47063.92	171167.1	140595.5	354801	1969249	343223.1	158607.1	93417.14	46119.2
106465.4	51265.17	231898.4	65375.92	116758.9	531161.4	185830	68738.1	132989.1	92244.58
230836.2	318945.7	2511.309	5734.565	7097.561	0	101183.5	777325.1	0	5187.129

607290.4	262721.4	8396.659	0	0	16979.85	1193654	811686.1	178391.3	548757.3
4230628	2220065	1229417	1276739	1339009	3166908	5501316	7261548	2084084	1993350
625209.9	900923.1	32747.76	37795.11	41870.43	71247.45	19275.37	13114.66	2116367	841043.9
127316.5	113513	23896.35	9081.529	91169.82	119957.1	7705.346	224030.3	12071.77	0
1061842	661508.7	727086.7	776928.5	542551.2	617395.8	488440.4	742322.1	526730.1	525244.5
3360412	3564813	842597.5	271904.6	544131.4	1162699	2326577	3152319	466069.8	1938987
493626	47234.88	140242.5	213256.3	55382.83	722005.8	455050.5	431030.2	459504.8	515631.8
12385703	7590433	52809.3	34845.08	323390.9	3066458	22048733	18509590	1242792	8060028
647540.4	679512	479824.3	145977.3	1262036	2811046	3895468	449560.7	255642.4	638129.8
1006723	1313940	8815.441	6188.423	16301.29	72154.59	644345.1	1514215	19589.09	311625.6
535422.5	158871.2	460892.8	655507.2	1558485	450711.9	1155929	446178.7	610423.4	771702.4
333889.7	196698	178531.3	238950.6	179698.7	265968.3	164010.3	393512.2	279814.1	43990.79
9210609	14191388	2607.801	0	3477.575	0	94380.26	278630.3	34035588	7517469
983326.1	1212412	0	2858.991	24349.79	239754.4	685537.4	3082757	6623.898	359187.5
410371.4	275645.4	16030.81	18414.52	206885.1	305876.6	486271.7	730470	43428.03	221592.8
21949.91	22072.74	59109.29	460152.7	181828	23663.15	0	12815	10285.55	60514.35
142685.5	151021.8	0	10400.67	3421.137	14621.67	170482.3	344095.7	18595.25	26903.53
673874	489076.6	72246.39	200166.1	519286	456112.3	485373.4	1314239	304960.8	402452.6
2642969	691730.6	1634449	2610807	2195116	1837150	2496241	3176454	1980494	1858148
3458825	3134554	190872.4	165951	464957.9	3079389	2769227	2538203	314551.5	1014915
325061.7	339608.7	26089.12	56743.99	60330.3	144059.7	228633.2	140580.9	16124.21	85550.91
1636593	1134740	170529.3	51863.58	923939.7	206361.3	2383778	2022571	220037.4	653260
478975.6	381992.4	14242.48	20882.98	24961.97	113829.7	745905.4	578472.1	53123.54	169369.6
6498441	10012679	20160.67	4956.816	13504.27	26974.51	62134.54	45646.4	23547039	7471208
873773.8	291095.5	156246.8	75373	381315	1138481	937122.9	399818.4	1113425	877828.3
3587977	1863557	5751637	8952653	2392687	9344150	2876457	5669360	1577699	1646643
38693480	3426473	22032819	34470948	27759002	44880412	35569382	37928793	35974716	36810099
5056751	2730381	593347.1	2849040	1996692	1751583	7109545	8313681	3730026	1300658
334802.6	216188	0	0	12502.95	8524.471	616602.2	537915	30426.7	207313.2
906154.6	1242907	85896.41	101464.5	116963.5	144937	68555.91	20206.22	2917939	1312918
1991469	1329744	0	0	31295	149061.6	3612444	3509602	282672.8	1134682
564026.1	478193.9	10083.34	9997.026	118562.4	460025.3	567538	1182209	18448.86	199695.1
421012.8	291655	405525.4	259471.2	791620.1	3079421	1293498	617751.6	54067.85	264765.8
1925606	2927466	6556.455	8154.603	19000.18	29951.74	125229.4	51416.66	6799716	2558643
301741	203029.2	142548.1	220162.2	185470	174328	128385.7	261891.3	103630.5	119907.5
393523.9	230021.2	3182.253	9968.056	3789.229	64484.55	723442.1	634429	306910.7	464393.6
2982042	2053063	773957.1	186763.2	895471.1	742175.2	4407861	6228834	916670	1724211
2558103	3733810	216843.6	222666.8	183112.8	109471.9	29468.27	31910.35	8724935	3482235
3394802	3424203	126987.2	62333.51	187463.4	341231.1	4421049	8819648	1125855	1511647
79031.49	79929.88	164559.5	988774.7	373102.9	96393.94	33479.99	41139.19	58977.89	218164.7
18166781	16684742	3661861	847060.5	9570707	3313767	17868611	40378448	0	9833989
12700.18	14711.9	0	0	32484.37	184598.8	103815.7	29188.72	0	6395.337
3746577	3724383	13644.09	3605.891	104205.1	1731396	4235026	10082455	1153565	1939749
2753871	4280087	0	0	0	0	0	10353816	0	1015767
880385.2	618916.4	0	0	24432.6	481948.8	1368660	1269315	51890.19	523530.6
671169.4	1030558	7107.057	8587.529	2305.813	23584.77	0	9928.263	2387888	891036.2
260794	336575.7	6277.034	7042.382	70904.04	87146.98	48501.31	360992.8	0	116626.6

188535.8	229683.8	0	0	3868.108	32570.77	156363.3	336969.7	5590.042	73087.87
1427681	1194609	147281.6	195719	428331.5	1502441	836718.7	1473029	126741.9	365421.2
734285.5	873758.8	13932.83	11146.41	20091.15	37604.15	712523.7	295945.1	63415.39	1115406
394865.3	226659.7	6514.189	0	4561.702	145339	699197	692038.7	78821.47	338783.2
424288.2	344892.5	26985.7	5248.832	30028.57	63294.32	670745.2	788560.5	0	243927.2
4871846	2125235	73056.07	131785.7	80731.38	67829.18	9584676	8425841	2903185	4014494
1393517	319657.6	597294.8	1703628	2142899	2566783	4009548	1638548	1053437	1575820
3009836	586141.4	1612840	2192478	2181214	3497121	2821924	2929038	2304174	2635277
338459.8	204489.4	0	0	13298.69	0	638923.4	667465.5	111441	351437.8
3459977	4112174	161611.3	117770.8	264376.7	1588353	1870821	1383031	441686.8	1084962
20096475	13122781	70316.69	30629.24	298552.7	4133085	35790734	32822057	7435057	20898850
2.84E+08	2.93E+08	3303807	1984020	3384057	1.14E+08	3.12E+08	7.33E+08	4573161	2.01E+08
233316	175967.3	130542.5	76637.76	479928.1	1171981	863452.5	393105.4	20079.61	82496.08
865482.1	599076.8	161374.1	256091.2	291985.6	752208.3	825986.1	796788.8	206520.7	425507.5
7918207	6969762	456214.4	401946.9	1052240	7429265	6590879	6179150	666090.1	2534671
96304.82	88131.26	34922.94	28109.16	281721.1	1381233	561003.9	174938	5961.57	55009.33
980752.7	1222546	251936.6	266779.2	269771.8	122041.8	68985.63	0	2681999	1864718
1548245	2385898	2681.796	0	6190.212	12237.05	68483.31	35167.01	5555405	1968448
3101122	2804511	506790.1	304300.9	4521969	54349999	34212866	6910354	43951.82	750821.3
2944497	3748106	54561.63	42737.92	183401.3	1171441	1205991	1049223	368028.8	823402.5
2963325	4575084	10500.75	2242.446	55599.8	37383.92	43523.01	8201.306	10660151	3721381
36198980	29646818	12286862	7591456	21819671	6983871	34351640	76342836	1429171	24071982
36454.96	52660	16057.1	20659.89	56220.8	334095.5	222799.6	67419.54	0	0
164652.2	160808.4	0	3403.648	0	6311.348	239775.1	408768.7	4648.146	45080.17
2636430	3415446	12021.7	29869.47	206161	506342.3	1431592	8301132	0	547015.8
780284.7	1116647	75510.62	38826.14	114152.1	38363.19	56026.61	335573.6	75775.17	648832.3
1126968	964935.5	95477.29	77061.23	138071.1	1236837	780918.5	934889	136209	436049.9
617677.8	825050.7	141900	129296.8	98768.06	73591.85	0	7684.143	1895655	1004029
4138932	2294720	2540166	3188557	2936053	2819098	1792316	4322216	2018168	1625525
1442159	2897513	9214738	7808339	20901189	161458.4	97579551	221563.2	6624192	48884.15
330564.7	276701.2	0	0	108911.9	141695.3	425980.4	790327.8	63376.49	222719.6
2777578	2644639	99760.81	116983.3	325210.9	2466958	2062966	1895435	80072.53	918751.5
500839.7	381721.6	105326.1	90335.4	408202.6	33931773	78776809	199164.3	64292.1	522807.1
374603.5	205930.9	6667.92	4272.303	14534.62	0	718139.4	569736.7	54716.32	359905
1944814	1754582	52682.15	66298.46	236843.4	1671796	1759140	1380925	183647.8	633542.3
6071876	9453480	48077.29	38801.14	24068.97	0	8647.609	48716.76	22245609	6753177
53185827	81513315	535135.9	280451.2	973096.4	434294.2	2954782	1.95E+08	0	23984625
431524.7	368459.4	66050.53	56892.57	43750.34	527516.3	197150.2	1070373	238458	141335.4
508493.7	162939.7	18251.13	8912.551	84709.48	660170.2	637633	350117.2	408521.3	733660.4
15906793	19792942	169239.4	319737.6	4682954	1160046	9494939	33661582	0	41062232
532600.9	804508.1	2827.454	2138.76	3101.32	9676.05	72281.5	29832.57	1888273	659996.6
1656191	2590297	0	0	0	0	0	6194540	0	995791.9
362732.6	518919.7	21716.61	46005.78	55905.23	19257.43	11567.77	26012.58	1214894	505648.5
8390404	6612082	1542949	1623054	2124931	7744627	6804938	6727824	1634816	3231045
481625.4	396285.3	340493	469586.8	862357.2	3533613	1438725	859637.3	44103.26	164188.6
761370.2	1067289	18819.52	4630.647	35985.78	168918	167221.8	207239.7	122261.8	66498.09
523462.7	81309.46	408539.2	575055.3	462139.6	469874.9	375516.1	528818.5	429416	456376.5

1462163	2184651	76962.94	85228.12	58276.08	89581.33	25971.19	15904.79	5140836	1804869
398314.6	247520.9	79052.02	71275.24	137647.6	263509.7	523151.3	683852.8	54000.5	262580.1
5.3E+08	5.96E+08	4847662	1690266	10255703	95569143	5.69E+08	1.47E+09	63607.67	3.73E+08
5828744	4039153	15489.7	2482.36	64986.9	1172183	10241636	10012246	1969556	5774145
137823.9	114250	285967.5	375144.6	562332.6	2483184	102644.9	167150.4	68315.76	53945.44
6392554	4389361	1002208	345264.7	2553996	6582586	5959655	10965044	1362133	2197825
187225.7	241333.3	29059.88	82514.67	44998.63	8139.815	0	0	279451.4	570840.3
10863809	5811729	1764777	860602.9	2483826	14679182	9943535	18878921	5542201	4796578
11907544	18067164	313036.4	334918.8	335323.3	217691	775849	448336.4	42323320	14867701
1132244	1398202	85681.2	108528.8	151838.3	38811.55	786154.8	695270	3493346	1230208
3047606	4733364	9893.148	14428.77	26598.96	50987.09	63785.47	163664.1	11083210	3619164
23058.97	25507.51	4319.214	8871.799	48502.44	372933.4	183012.6	55000.78	0	7730.774
209636	111354.2	0	3160.852	15351.65	7088.009	401998.2	366081.6	52468.76	201605.9
547678.3	658956.5	139748.4	60167.49	279991.7	7710139	8225149	234255.1	635469	1659475
392454.3	342439.3	7432.407	6994.595	69579.31	348895.7	366407.6	226531.9	120029.1	92684.8
179044.5	186915.5	130774.6	204475.8	693868.2	2501398	486716.5	175059.8	8151.214	39993.73
1933460	347461.2	1066760	1833503	1665309	2063180	1552442	1928597	1734249	1593164
786764.2	472865.2	113607.3	60043.64	861907.7	503097.4	668653	1315085	362929.4	510190.2
1704618	1008456	2694.669	4091.885	125438.5	44096.33	3217651	2225762	286870.1	1017924
187001.4	133104	53845.09	12629.07	59799.86	80630.14	250632.1	199288.8	23454.85	112725.9
876874.2	595624.8	0	3880.688	0	134276.1	1576948	1241562	99956.45	550300.1
1187692	908468.3	2491973	1131053	4823098	565331.8	2541741	2292104	52648.21	1913401
1463308	1747474	640734.3	197011.3	762853.5	22287360	18119139	4525643	235053.4	481108.9
174916.8	146958.4	0	2425.914	8492.168	69296.46	256345.1	329258.7	11880.98	100415.8
2137287	1214800	736263.7	244055.9	1188372	622427.9	3080032	3665894	648142.5	1199433
17057397	15443724	1709996	413166.9	1649047	2624916	24276907	39554821	5349411	14219828
39951.96	41158.42	72105.45	70970.16	57438.24	646863.6	1958555	21602.46	0	10207.7
121164.1	101300.6	0	9383.83	4089.477	64844.12	164873.7	213639.9	39136.48	126736.5
6728425	5371898	1624411	256125.2	462732.1	1480734	10024501	15952736	4292239	4657248
5379497	3588348	1580557	542227.6	2791224	1753604	7214048	8869955	665700.6	2501113
184019.7	121518.7	129740.4	146264.3	146234.1	1023422	1033770	162303.4	55197.73	105112.8
305212.8	307143.6	0	2811.79	20819.78	125545.4	350653	757918.3	28825.79	8035.589
114011.6	77203.84	52535.56	33873.73	154576.3	1012209	1846045	139776.5	16933.01	48156.47
784810.5	693305.9	95816.47	15214.34	407225.5	522074.9	620626.1	1102293	91314.67	124349.3
991334	468063.5	227298.2	134151.3	497843.6	496173.9	1504974	1084597	289138.4	830720.8
196611.1	138184.8	42198.05	2276.372	39655.39	173914.9	227954.9	367714.3	29489.2	83548.49
625703.7	791132.8	364168.5	425291	1049503	2675223	4676865	354461.2	250809.1	267504.6
252846.1	308927.5	13760.47	9124.209	12321.92	111244.9	133116	784026.5	21292.33	52091.09
127983.4	105024	142406.3	105508.8	374853	1890918	475072.7	105216.8	78503.19	26088.26
4493968	3524443	298153.3	346485.8	836076.8	4647459	4126347	3897777	582932.1	1736500
584555.5	343481.9	56439.72	61096.95	169445.6	587196.6	706133.2	684605.6	127316.6	335958.8
423589.4	180988.5	65765.45	93655.26	200990.4	606828.3	321049.7	259266.4	221878.6	434706.2
2573151	4032722	2594.529	11015.73	13764.51	12381.52	62048.23	85713.32	9491517	2814491
3892980	3047954	17760.56	3274.225	61948.82	2701020	5371956	8085914	421767.6	2024545
10052636	3926362	9147.832	0	145657.7	201718.2	20234195	16694543	6347022	8496178
1305176	2034807	13131.36	23145.73	14967.94	30315.08	9624.632	0	4742660	1600814
4755709	4706120	1519885	793601.7	1747791	1614840	3140590	9603824	36760.76	972350

1021570	1079169	346665.2	333402	390604.4	355183.2	269075.2	246729.8	2680103	1562286
258987.8	210986.3	29756.33	53621.52	27379.11	119405.5	334229.1	273294.3	576762.1	51666.68
551118.2	384622.2	0	0	29208.6	8738.535	1005835	767915.5	59409	226991.1
6831825	6340738	13034.26	7644.568	55725	6151207	6475000	7728246	74954.63	962493.3
177798.4	83404.83	179658	98707.42	406293.2	388951.4	276790.1	138873.5	79925.61	148507.8
115942.4	97957.43	50582.23	49554.89	282056.7	934735.1	430672.2	205565.9	26775.13	60383
931626.8	1160212	0	7318.87	339796	315093.3	318013.9	1658454	32819.08	282750.2
331276.2	262321.4	189641.5	386976.6	1000021	3818245	925410.6	343375.9	94752.62	104132.3
6250005	9201751	236355.5	10298.24	993124.1	0	937832.6	22447346	1112323	4328941
772408.8	463205.7	2828.312	0	0	134704.7	1438494	1194726	91303.97	499394.5
3496226	2450175	12580.64	22359.1	127830.8	693272.9	6135403	4524428	779809.9	2094064
203302.7	75095.8	248020.7	273494.1	90060.84	443449.2	640542.3	155318.2	179286.8	118362.4
20282429	3933967	14226702	18499294	20550542	13054086	19971600	26290316	16640313	16934829
1779814	1024730	3491.008	0	43309.59	298966.3	3339147	2747221	250610.6	1236057
8260641	10640199	274233.5	29767.1	0	191914.7	6798571	25200373	0	3598810
368966	364384	38537.34	3097.82	38971.36	359784.4	213543.7	881069.2	4213.219	47862.48
566218.4	308070.4	7376.15	3500.277	17139.54	19312.94	1096426	899284.8	145319.9	583129.8
3315286	2709880	216685.7	106416.1	417668.5	3422896	3071542	2764999	330911.6	1240162
2170209	2742285	2086358	2454463	27055947	1191218	13544597	6404090	41169.48	147907.1
541468.6	589632.8	5780.024	0	155313.4	435803.7	222485.4	1135642	8791.177	57468.84
54345.99	46498.61	62654.25	66416.55	161627.5	1081815	254943.3	73831.76	63702.96	17587.29
27690769	3977370	15376264	22190726	20093936	33943972	23510502	27770057	22453416	26326786
109560.8	111228.6	2641.23	0	14936.33	88752.15	80430.48	227797.2	6287.937	0
325791.3	151248.8	405786.2	498573.5	108940.2	1275357	750279.8	370282.4	337173	73412.02
2217749	3435756	0	7262.223	16749.47	147153.8	114945.2	649441.3	480696.9	926672.2
457275.3	747194	182491.8	1433467	1078147	7361283	1393072	131421.9	0	56633.14
300490.8	353538.2	0	0	0	143366.5	228934.3	864452.3	0	13799.39
1217119	1561791	22462.81	3791.411	0	70477.89	1008689	3661066	0	28176.36
914030.9	1326646	83044.75	91609.34	89661.8	59613.42	77643.49	38474.73	3157860	1096904
9157349	8172019	389429.7	32570.32	241413.4	2357927	13566928	22377305	2750275	7763200
631242.5	570132.5	36045.27	3027.382	163196	9740910	11709447	209499.2	1420081	163255.8
1198578	758103.7	5678.066	3448.865	11058.24	19856.49	2275913	2076744	226399.8	1174490
1329963	1776540	62528.85	73901.69	62351.74	376569.8	483648.3	278235.4	314433.1	295232.6
308567	249461	9378.291	2767.748	70379.18	129157	437192.1	208864.5	56730.12	203731.8
2665457	3386210	65929.81	161561	122409.1	197493.1	2031893	2291641	401894	1452936
31832086	50582995	22822.99	81971.03	49915.62	44876.87	239466.1	112850.3	1.19E+08	31908763
3653083	3783090	136401.3	110652.1	450197.3	2263001	3111506	2355832	309513	1200540
77965	40836.99	82595.78	83205.21	110267.1	477432.2	167438.1	57956.18	52147.79	36524.19
211554.6	281998.1	40378.69	47206.93	19089.43	42368.48	23869.81	7909.416	663191	312564
2012406	2858025	71715.06	54716.3	450479.7	61335.41	452812.3	432529.6	6839313	2427357
24519718	21532612	4080227	2619931	9922378	8592256	26832461	52998738	776515.2	11026052
1431764	1116515	107389.9	87080.47	290408.3	1474150	1352927	1298018	216032.3	556329.7
32730206	27005521	11763773	6921284	19243298	4148382	33398962	73407617	1666498	22606614
253702.1	160382.9	232271.7	277702.6	253306.3	854864.4	576748.5	375918.9	64944.66	119997.3
210235.3	155868.9	115157.3	443578.1	255600.4	1600763	505086.1	204081.2	45424.94	179556.9
817553.2	594717.8	3550.584	6378.48	89408.77	436744.4	1252997	1400489	253812.2	753443.3
784454.3	551030.6	137622.4	168643.4	162952.8	866219.4	684962.7	434329.1	331764.4	386461.5

1.94E+08	2.18E+08	44116448	21675953	51879274	42239564	1.24E+08	5.69E+08	16098080	1.22E+08
1178572	599766.2	927624.2	7301295	4633380	1060987	1038231	728689.2	1031801	2229310
18636616	6655148	248078.7	82357.53	1345503	4974391	36046598	28763720	11206739	15102967
11381015	16575553	0	0	339436.7	643823.8	3995512	40061880	0	9796889
10660317	10949286	447505.2	381196.1	1298348	7377957	8600196	6815043	970998	3637061
222938.7	130198.6	258797.9	146109.1	589422.7	275277.8	497096.2	203146.4	226225.3	108198.5
433871	666241.1	0	2895.76	0	10632.73	71976.31	1602238	56844.24	58889.11
925763.7	1459010	12266.58	23468.1	0	7988.468	24515.16	32742.43	3421785	1039434
375980.1	496799.7	6665.625	0	0	54261.04	253256.6	257742	5707.351	266291.1
16049.98	27900.76	37223.55	36399.76	70956.12	568226.7	85866.49	65249.94	3514.707	0
268770.9	240460.5	0	0	18255.53	176418.7	327852.2	366347.9	6882.406	20007.18
383861.7	350336.5	17344.29	18436.76	6937.313	95481.9	554767.7	334960.2	104804.8	491515.6
6058586	8438026	75470.09	47274.94	0	26231.14	3631222	20625478	0	5084000
877509.3	495920.6	126564.8	238170.3	316860.2	908165.7	968637.2	866186.1	248068.8	594053.4
913041.4	543709.7	144664.7	25250.22	203988.2	442732.7	1461145	1514974	180966.4	558302.9
5196930	10735944	43846697	36690.64	1.2E+08	266923.2	4.4E+08	353003.5	24400462	196120
118698.3	76275.45	57405.16	77112.81	237891.8	927190.2	417141.3	181644	12160.2	129353.6
339330.3	451706.9	0	0	9861.948	0	260458.5	220241.8	15573.3	183905.6
1629078	1071942	176521.2	1648858	301099.5	555171.2	1690323	3236610	527016.1	771452.2
617097.2	399979.9	0	0	0	12092.46	1173231	1027813	38223.5	387962.6
784217.8	837944.8	24630.77	11303.41	98445.49	537568.1	576204.3	368621.4	44436.51	300038.5
6464877	6736814	1634432	379968.4	1560037	1256259	6034581	17263367	251553.3	7766350
478741.6	321692	406184.7	410025.5	1935466	387677.5	2061933	809214.6	532123.4	38169.29
464037.5	283396.4	143820.6	173554.3	209329.1	57851.1	668413.8	557780.7	66066.01	297784
2335288	1829811	2062307	4064468	10758297	2202728	4356612	4540317	29683.69	3510030
24956669	24731019	1193665	1054086	3123305	18368077	21285971	17039578	2544997	8509415
7688426	6633052	333694.4	186643.6	1071664	7766760	6796465	6353706	326773.1	2683528
13705797	19653869	195235.4	66648.14	448645.2	0	6390969	47698225	110766	10856428
54196.64	57506.86	100625.9	95104.44	60097.41	878427.1	2791147	15758.96	18240.55	15177.6
321027.3	333605	85461.78	68386.55	59360.38	274794	63583.76	62391.9	38370.7	158994.2
2593150	1767418	302989	123091.1	719039.8	1417379	3774632	2717179	444015.7	1747811
1644028	1074431	245993	317970.9	260762.4	1070748	2314830	1386196	342797.1	1162209
1824952	1234604	631918.6	393887.7	1198527	1767380	1130746	2606320	63913.67	3265805
879256.2	1300056	0	0	11896.97	56613.34	277180	230478.4	20103.69	927083.1
1189392	1537131	285019.2	364129.2	281764	22850.22	205214.1	85439.05	3645185	1768973
109435.1	96414.42	72668.31	40860.39	73229.83	848537.7	1083163	275226.9	24981.85	86847.04
805313.8	877902.9	47434.08	2978.711	85414.4	237046.9	835795.4	2164549	0	158816.2
599552.5	925329.8	23196.28	35607.78	44578.45	0	18496.88	11459.31	2183859	664460.6
1618763	1188292	440506.8	423022.1	2393609	11878044	10642908	2940284	255615.5	477174.2
273665.5	279137.5	107902.9	122476.3	579271.4	1409516	1009334	554749.9	56504.25	85857.08
1087672	1520901	195870.3	219393.3	186366.7	56241.4	53305.27	16549.36	3552055	1579490
787954.1	1205484	33774.11	63237.63	59824.76	15075.16	24692.1	15492.01	2809775	1008123
554026.3	792355	94921.56	93821.29	46057.24	32410.76	42803.75	13819.83	1867714	737698
905193.7	438832.9	6248.54	0	11307.13	122767.3	1774611	1150638	248011.7	658847.9
65173.01	60048.62	19454.41	28935.18	164859.4	637725.4	268926.2	114404	4049.07	7053.732
3774535	2035063	957303.7	524578.7	1779238	1771214	5635601	5713877	1107169	2109921
1040152	967367	34785.57	37608.86	38745.79	1286070	560490	2670930	506869	234057

1.45E+08	1.01E+08	20609200	13372714	56831914	24946987	2.25E+08	2.75E+08	25259976	68735338
787533.2	723527.2	285132.4	439012.9	309000.3	571788	59708.04	1514679	72793.04	179337.4
1850572	2082984	44158.93	67328.95	817351.4	731423.5	1074840	4705146	197261.7	768942.8
6691368	5753910	154590.7	132369.2	1305643	2981566	9058368	7748357	865440.3	2524683
601609.7	444485.4	742002.2	1008558	3799703	783839	868371	435708	0	1041919
2339477	1887370	173570.3	149420.2	399669	2377386	2209182	1805839	322069.7	922524.1
1184967	831486.3	580627.4	779629.9	59861.15	238468.4	1415884	2244141	359989.2	551533.4
11204163	14581898	378513.5	217160.2	3827605	6033241	148235.6	36645416	120120.7	8402194
6347255	6533843	271622.4	240482.5	706108.6	4266483	5411462	4151751	621383.5	2125984
2023471	2092062	72780.57	21414.43	198738.9	1188378	1930255	1400970	170848.6	668397.9
4772887	4260481	2566333	2264095	848974.3	2277638	2651751	12174268	3251266	1208434
252798.5	203697.4	98661.53	97628.87	36447.66	143242.1	239532.7	246549.9	137988.4	68375.41
82572.07	58168.21	60946.82	59504.05	240680.5	383366.6	115750.6	62309.63	75364.24	41527.7
395549.8	359055.6	7633.961	2152.081	164274.7	258273	381976.7	617936.8	40775.61	42245.21
1324985	942394.9	153730.4	45573.58	224256	364779.2	2157919	2594271	30872.93	1412621
2211189	2011188	1512483	1769067	6662178	20946770	5151294	2693994	196390.8	772648
1414526	1557272	42354.21	11763.87	119594.5	255487.1	1622013	4058295	24499.07	737198.5
62900.32	27955.06	76747.33	104322.2	107791	666695.5	137464.2	105866.5	50367	44743.21
331676	240801.9	70925.94	78741.07	103540.5	229801.5	376811.7	237968.3	83256.43	169502.9
414406.8	375714.1	28262.67	37302.98	57005.73	322241.3	404774.7	257799.4	105480.7	74150.03
6500694	9391634	102777	52791.47	73140.91	44919.51	3119641	22752764	0	5251695
449998.2	474792.7	45926.05	95008.51	79877.01	235135.1	312320.7	95839.86	318386.3	303350.5
455116.2	117382	0	0	0	0	947718.6	451082.5	254840	496671.2
582632.8	260561.6	14630.5	12089.1	20779.69	36568.33	1158706	838898.7	630717.9	434077.7
2290170	3047118	117391.3	73053.73	68096.29	851032.3	904186.1	727469.3	199562.2	604564.3
43380806	42654841	2201493	1864783	5654273	33209062	37356047	28918492	4195845	15095288
3529943	3089635	189308.2	165839.6	532061.8	3500149	3061778	2896152	110588.1	1219442
263547.1	247677.2	64157.14	53824.74	67421.78	226487.2	128931.1	277890	23474.64	43171.68
2204372	2296480	651202.1	715829.4	472572.1	748368.4	1330325	2799534	5480626	0
3712980	5319396	32525.45	26763.61	38276.58	438295.8	1590882	1212906	14110.92	4072512
221943.3	82449.75	103797.9	129279.9	120830.1	254830.3	203186.4	93110.5	302799.2	198983.6
768087.6	652293.4	97272.82	119901.1	118027.7	766680.8	613550.4	426492.8	208794.5	285923.7
229281.8	142711	0	7991.493	6990.786	0	440432.1	344322.7	55722.96	188867.7
778553.7	555729.2	83291.69	140202.4	259082.6	694788.2	836313.8	564393.2	203730.8	514216.2
7965504	11995626	0	4143.295	236614.4	0	2594267	28868673	3759.449	4918825
7155754	7489797	1372961	1065372	1829526	2795622	5419474	19617868	41489.08	4013597
536653.4	357633.1	55205.77	21565.34	410222.5	81335.66	759016.4	437022.2	196843.8	333114.1
112550.7	105313.3	65993.44	332780.9	725235.1	260304.8	48613.57	286368.5	0	93771.42
4990205	2861983	642839.8	579254.5	1242869	5265764	6092688	3874322	905423.3	4826470
9491442	10353921	120174.2	95121.46	96612.43	3585976	10383011	26262162	270854.4	3735195
14602198	14725595	617583.8	534648.3	1762199	10014202	13193673	9999282	1476630	4851011
47724985	57114019	5555580	2662398	14462072	2485722	35893525	1.43E+08	66233.08	23788366
827271.7	872236.3	259100.6	328609.1	315467.9	413631.2	133187.8	1169572	167784.4	395888.4
460713.7	217147.6	216245.7	247726.6	284551.6	442205.8	412259.2	395225.4	257938	268424.9
147977.2	50858.4	99488.32	65010.75	937605.4	229518.9	535691.2	153636.9	168351.6	214194.4
860277.1	854267.1	114568	36626.32	90050.92	624488.8	728160.5	411843.2	208437.4	113595.1
265731.5	29570.04	160885.6	187321.9	193201.8	323218.1	254253.6	261265.1	240994.4	313614.3

5539728	8056886	827839.7	833227.1	737459.6	168172.8	408523.7	136657.4	18885437	7438890
185573.9	65469.29	121329.2	50208.37	225324.3	1004428	1033918	145018.2	92865.79	226067.8
288311.8	299340.8	177928.7	270814.4	899051	3539801	818281.4	232035.1	31907.28	58144.77
9265928	1138933	5379758	6911266	7096870	11525861	7967986	9887891	7487654	9213684
343193.7	179234.2	328652.6	352832.3	390715.8	1456073	694344.2	555717.4	113107	259222.9
727113.9	811318.2	19696.78	0	58667.91	407772.7	604663	358259.7	87395.86	239169.9
992550.5	955648.6	0	0	17312.9	842239	980390.4	2491273	52944	290102.7
1629580	2436469	158465.3	146096.2	164720.9	46124.81	167618.6	37675.22	5759617	1939929
1128639	1260233	6434.362	0	14895.76	353880.2	1249304	3047111	20915.6	50163.56
577069.3	494232.8	11429.24	23259.3	219947.7	450358.5	571781.3	1154084	82882	601867
659182.4	247703.6	10501.08	11619.66	14933.94	105353.9	1318452	649549.3	1076580	591300.3
92081.7	41450.51	24787.55	5452.54	132073.1	870022.7	641584.7	130010.7	30194.86	72391.12
201194.7	145904.2	190714.1	260949.6	269474.9	654414.4	293576	201226	103011.7	66873.9
917938.2	992042.8	13447.61	4022.017	34863.73	594647.1	809148.1	658102.7	74506.35	195601
579668.5	502308.9	365015.6	453059.5	1726377	5470660	1356310	785633.6	39842.91	159625.9
8035739	8349361	315577.7	292393.3	942517.8	5139831	7152092	5212040	823083.1	2532035
8170950	10639332	0	55419.86	5601.664	968423.6	6801892	24420076	47393.86	613506.5
2464931	3665216	377406.5	397452.9	309851.5	26489.62	0	24920.92	8529531	3351078
6953592	5699411	463965.2	366947.9	1159634	7358657	6358867	5798644	728627	2500293
483179.8	424050.9	55322.67	2116.639	152990.2	362590.4	476692.1	1113024	82257.85	114314
696702.8	419277.2	5686.695	0	6886.154	12218.15	1362241	1135992	25881.65	939623.5
788677.9	917495.4	5113.204	0	0	75203.84	931537.6	2284644	7579.622	278411.7
7301301	6013709	897128.4	237155.2	3558262	5305361	7120973	10605230	1032389	1467897
7196947	4559983	629635.7	1161223	1349929	8944242	7033137	13816103	3007789	2752587
262169.2	101972.8	380043.3	427640.9	187779.2	3043993	9779289	165836.9	205623.8	207332.4
180000	188339	148364.5	161556.1	460380.2	1409661	356142	173352.9	64433.62	34295.76
325991.2	242999.8	3374.371	7902.362	17384.87	26508681	76008388	322348.3	32357.95	374383.9
804643.7	842867.5	1316659	1769556	1443336	1555955	661315	761360	82209.69	285981
245629.3	272176.1	32731.57	0	0	13033.72	305599	702682.6	0	264915.5
177360.6	39331.4	158944.8	167461.5	171513.2	363885.4	370242.5	140128.3	149755	157037.3
1774237	1507385	14673.67	35659.78	25100.87	1309881	2296282	4060801	140441.9	835654.6
2637650	3125393	227740.6	32929.28	48923.02	767501.6	2386875	7953412	0	772821.4
991846.3	965700.3	2007264	2608738	270666.6	1149341	3145830	2257598	0	254926.3
68889.43	80360.65	98665.9	53477.75	255931.2	745670.5	85309.81	205978.9	28981.27	25150.57
218180.6	173440.9	31744.72	53243.53	104304.5	3257901	2310863	479621.6	32442.21	91704.37
1017292	1100583	205098.8	90288.94	51061.68	570979.4	760972.1	351357.5	147924.1	308924.5
360461.2	227298.1	247395.7	398756.2	1329002	567204.8	621835.8	667736.4	29942.31	339702.9
2306941	2462947	32491.61	63026.85	230258.1	1244599	2219599	1589516	196308.3	732471.6
1637664	1351960	65480.65	61417.43	249979.8	737828.5	2364373	1830674	220343	706141.9
185456.5	162864.2	69077.06	97663.51	355925.8	1274172	687205.3	409033	30000.57	143731.9
31315.83	48455.69	9521.631	11647.38	51114.92	295235	182968.7	114110.5	0	0
110108.6	60314.17	137010.9	145865.8	89624.51	977544.9	3015708	27400.41	126629.9	193962.5
212772	210432.6	36328.43	13303.98	23053.17	229908.6	94849.15	563531.1	60918.75	37429.96
88135.9	27459.53	69200.11	71564.11	54937.11	57393.35	96287.28	79335.34	53789.05	76983.23
22885332	34214289	165968.2	158755.6	403715.8	221835.6	9206095	82583842	0	14978163
897330.3	961258.5	973459.7	1446079	2782078	10538648	1211102	898307.9	239770.7	205529.8
814453.2	697412.6	549171.4	744264.1	2580521	8794136	1811671	871238.5	77934.94	278316.7

460802.9	225021	342145.7	1377943	637912.6	1380641	278687.5	760195.1	286830.9	530194.9
3567379	3131424	246540.9	64201.12	474250.6	3565913	3238565	2860452	241005.5	1169114
17701239	17889982	849733	728457.4	2223493	13395473	15051658	11431715	1692389	5643852
1.09E+09	6.55E+08	2.78E+08	1.95E+08	6.39E+08	3.33E+08	1.57E+09	1.96E+09	3.68E+08	8.39E+08
107701.3	82831.86	24762.84	10366.74	58056.18	53359.77	123253.8	155308.4	10239.52	75670.04
806886.5	529953.4	24278.05	4186.371	10695.67	21487.3	1542306	1434436	520401.5	959419
1741430	2684272	3927.358	8884.916	8393.919	5120.291	520193.2	545899.9	16176.84	1654829
17707068	13913266	558603.6	346565	15199730	904274.1	22639174	36605175	1083809	9005630
960735.8	1254603	5290.992	0	25665.05	27511.96	865637.3	785706.6	10379.81	558350.5
80139.4	68519.29	0	0	0	0	140444.2	160089.6	0	35991.62
4149316	2655807	53273.56	56708.36	855748.4	1614681	7066047	5071802	584039	2169178
551847.2	395787.7	93740.61	93810.53	475476.5	6003791	4922330	493680.1	70986.97	332757.5
340533.2	301455	83343.99	87996.66	105403.1	271199.5	224906.4	500727.7	24908.14	281132.1
184549.1	174296.1	6602.479	21137.14	179880.1	1803772	1896326	475864.1	5153.576	133447.9
11257066	17490057	31722.93	0	0	99460.2	3041611	42006858	3687.778	7384229
14318995	21498525	61236.2	7038.654	108800.5	1167431	4926006	51932570	0	9715617
1489538	1538988	42231.46	34244.01	142157.1	1008370	1381220	971773.6	132070.1	525298.9
856517.1	664280	103739	194442.6	87829.07	934114.5	758013.7	455772.1	273200.9	394595
1405006	560425.1	1105397	1271802	953982.2	1232024	696519.5	799690.1	2134363	1623107
506930.5	92482.86	421132.8	528525.9	534197.9	74324.51	374867.6	632162.5	542475.9	518046
378633.9	529372.5	83864.1	93512.94	68754.15	20761.38	21714.08	24077.1	1235339	554979.4
2941582	1199204	291624.4	122649.9	517182.5	4021096	3424709	2712229	1580770	2056228
603423.5	901339.5	105314.5	85406.71	40222.81	35486.87	20127.65	0	2140486	682290.8
5357404	6170932	23156.4	13542.23	250061.3	53040.27	6722746	13198031	6143.29	2094117
119462.3	94477.44	57649.23	132000.8	245553.6	930270.6	297976.8	95415.19	76638.08	41068.75
258548.2	74015.3	462899.5	485149	73803.6	336028.6	493198	247779.7	235662.1	176701.2
397165.6	343096.6	34676.69	2774.686	64521.55	395605.1	367424	914428.6	141106.8	57699.99
26167530	37857818	245292.1	355492.3	13195884	543705.3	1553903	89427442	0	6322944
5253539	5959856	526187.8	230257.7	1379019	129797.1	5430572	14789430	3257.962	3168849
68205.67	41060.92	41947.16	27206.62	125453.5	307842.6	200365.9	111511.1	25169.3	39751.06
342593.5	360104.5	0	0	170044.6	254004.8	177557.8	940322.5	32531.47	140528.9
118416.9	161992.5	5376.753	32641.02	313679.9	3513019	10966660	29609.04	0	15633.43
331953.9	185586.8	850512.9	1088283	462633.4	373094.2	119979.2	252063.2	587536.9	451275.7
2908522	3461916	16923.63	4694.099	169269.9	202694.1	3286595	8546165	29609.21	1924761
22257953	15952099	1465803	1606710	9245596	5524996	34535098	39259974	418749.9	35147595
486720.9	489450.9	42694.21	39341.16	56842.83	295865.7	468598.9	219920.2	41974.47	135112.7
1300200	1769727	147476.3	72165.82	237019.4	407001.7	287369.9	295532.1	461465.5	565642.8
3436615	4143005	43824.63	56264.05	1214514	1806493	1462187	9380668	48424.81	450261.3
13128572	20059012	9973.62	21266.4	370394.6	644195.9	3960846	48409830	0	8610098
7235180	11609063	11103.02	5235.981	0	8851.525	1104745	27546252	0	5883168
6807048	9768460	63371.98	14768.41	834823	95696.14	3429959	23655112	14498.97	6438630
8129435	10279179	337136.9	208861.5	4151997	642994.8	4074326	21400617	138984.7	17119546
639904.1	487861.4	161963.2	13953.17	282458.5	122372.6	920799.1	1428882	119590.8	400252.7
517615.4	517852	7299.3	8971.098	2911.99	189524.5	688075.7	998986.5	83763	276580
3.51E+08	5.43E+08	13621284	3956322	88447853	5637802	6979387	1.29E+09	472784.2	1.01E+08
7937769	3679399	6077856	21689521	5.03E+08	19470382	1.26E+08	5483236	7408492	11190035
1764677	2908417	3148.884	7977.447	25329.44	4186.838	20077.74	50221.8	6764581	1907474

102088.9	67874.97	66904.61	82274.85	74367.79	43435.79	35440.86	186175.2	48738.03	17935.63
7825935	9808835	88879.71	81665	2322628	3837674	3117099	23260410	309895.9	1312845
349282.2	147863.1	106770.9	187984.6	170937.5	424239.2	314205.6	317859.1	134278.6	316099.7
524940.8	186023	49176.15	392867.4	408004.2	638960.7	354778.6	619280.5	526190.9	480411.7
3.16E+08	3.41E+08	4402431	3240547	13240907	1.44E+08	3.45E+08	8.41E+08	2632160	1.81E+08
245525.1	158339.3	99145.08	93690.55	122763.3	160084.6	256356	425597.9	27093.6	153106.7
69268589	69204836	3851445	3146033	9523632	55011716	58871975	43346910	7451357	24200251
1.22E+08	67157624	1688842	607110.3	5404113	77795405	2.09E+08	1.67E+08	1.25E+08	1.27E+08
2418604	2557332	106589.6	86223.38	243876.9	1664941	2070337	1538362	152010.2	772186.1
1822299	1441234	103237.8	91603.64	369894.1	1910732	1821767	1543006	207071.3	740904.1
204628	128027	103501.4	113100.1	118724.8	2029709	1376232	283295	11766.3	200680.9
844336.9	717790.5	233538.4	73703.06	233806.3	178549.2	1138312	1936420	36332.88	463871.5
278098.3	261099.2	10871.99	4233.187	0	145661.4	368470.7	516365.5	12449.32	206540.8
127297	100163.1	10602.7	10421.88	128017.1	1385762	1103126	101981.4	5522.289	82940.62
199464.4	144385.7	46243.22	14917.43	70376.21	110693.7	266056.9	333690.3	65102.36	208532.9
1001106	1303846	16734.13	0	46622.57	147941.2	824208.5	3269296	10153.75	296321.8
546102	814939.8	78377.4	55740.69	38542.87	27614.15	83572.55	11270.55	1918004	678086
10904900	17071725	102204.1	0	0	0	3136304	40799761	0	8279884
138861.4	132902.6	30141.15	35353.41	60242.17	40246.66	122952.5	94602.77	9346.543	112722.3
407961	408313.8	18217.31	14440.39	16705.53	312473.8	392799.4	406381.3	19095.36	21552.72
510573.1	183464	36775.9	64118.28	30734.12	18068.58	1025125	635150.5	532008	263479.9
42554758	47183836	3828138	2398531	10705452	12329224	39083139	1.21E+08	842693.2	10848918
2.35E+08	2.35E+08	4812492	2040677	8136417	72438252	3.21E+08	5.75E+08	899590	1.66E+08
347014.9	274610.7	5270.992	3121.207	26323.17	32676.29	610275.5	319316.6	140193.1	627455.4
1737760	1101276	550011.1	539632.2	533087.5	1402649	2026097	3269393	850810.4	498220.3
51368.92	36752.49	50669.84	171745.1	131883	52163.62	43671.34	9225.424	55266.83	107515.1
738450.8	1005651	8250.929	4832.369	35745.23	317028.1	297650.8	206001.2	81744.41	166210.2
84382.04	68570.44	6010.644	8564.18	11581.32	1094627	1062232	128468.2	0	28459.09
572145.8	506345.9	6546.044	8616.592	19893.05	183352.9	883233.1	1026048	8758.893	131679.5
144163.7	133520.6	0	3109.351	10159.91	20842.17	225943.4	366797.3	7579.244	96698.12
170264.3	150326	0	0	7874.086	65806.29	257918.5	100670.2	47547.55	413573.1
21670922	24219007	220983.1	290648.1	8498324	13132451	12677771	55974640	1061849	4004731
243926.9	244941.1	96471.79	87612.19	454523	1144240	1028543	452431.5	57103.14	94621.95
3924446	5541940	0	0	0	0	2860708	13320972	0	2019802
177248.8	143403	7594.204	5846.765	176895.9	151240	81992.19	81589.55	124556.7	431561.4
6775755	7600672	0	57059.64	3596835	3268335	3915998	17944185	590897.1	2857676
801057.4	937798.8	2809.765	14630.54	434151.7	350367.5	372693.3	2189786	51789.27	297192.7
209834.8	127731.6	28937.24	22567.71	32753.41	308167.8	163841.6	234423	166241.2	64074.78
26868228	41277220	7101.355	0	53880.81	278274.2	10329274	99126888	0	17805929
4913280	5426626	304054.8	183690.2	1780102	2412499	3456608	14174748	201935	2098635
1845732	3082282	6584.518	0	0	4492.832	6432.638	919443.8	0	590849.4
124593.4	120924.1	67523.55	78258.46	80464.21	14014.37	15827.76	116787.8	20634.3	44659.53
119871.8	70358.95	4811.049	17047.12	24308.69	152837.1	127871	111919.8	23122.31	109794.7
7260477	1371660	4494264	5631606	6033331	8290207	6473752	7467234	5865488	7047582
1129374	1326016	211753.6	155888	395498	207194.2	697002.8	473980	3421279	1091337
213355.4	111499.6	85085.02	87960.15	369857.7	1024942	2309441	157200.2	160709.7	88053.75
108413.1	17886.46	102764.1	86720.55	152422.5	157357.2	316631.1	125578.9	104995.6	127815.2

22921889	14627927	4170749	3498520	4938339	27927779	22356710	46403101	12209439	10180189
159670.7	17308.53	165659.4	191101.2	89692.31	353165.4	566246.3	150607.9	158006.8	159076.8
48585636	51653720	754119.2	523003.5	1462827	10863514	64142075	1.33E+08	153580.4	40127834
21718580	23633982	67858.36	187356.5	11777633	11022312	13870021	56586869	2092808	10343829
9417073	7012121	25409407	19392638	37985406	1527178	8102827	18192172	209892.5	14188170
551705.8	378587.7	148149.6	5071.242	22186.56	64824.8	974739.7	1018391	347756.3	781695.3
28888159	23504997	801746.4	794249.3	5539946	14406142	41985283	34937689	3757232	11628227
992704.3	674255.7	191788.1	85692.91	339275.2	351810.8	1530448	1651961	91193.28	467779
1152665	968108.4	823326	979117.9	3114275	13002876	2999624	1172261	140879.4	418208
730012.8	558727.5	134451.5	187393.8	172801.7	602883.5	771144.2	415512.8	219773.1	340239
138882.6	164539.1	254550.3	274756.5	246118.9	402417.4	76036.96	7779.573	113665.7	92289.83
3207547	2894234	162805	132572.3	513400.7	2515533	3471806	2230775	164847.8	1352142
1341916	1023855	417555.6	313939.4	1422002	10832714	9098998	2637058	93415.96	528067.3
3844777	1877715	10630.56	43381.9	118902.7	298047.9	7767573	5590591	1464102	2795884
10559468	7995873	383712.6	147676.4	12963688	748498.4	10499655	8895285	1306911	4975043
643988.1	764752.4	0	29926.51	41876.98	260697.3	563402	247201.9	27858.64	261641.8
670821.9	990616.6	47130.97	68523.45	68901.9	127972.9	91100.34	344661.3	10833.76	487716.6
246518.9	279292.5	3121.869	3390.77	4597.943	176903	190761.6	709544.5	10835.55	69328.4
7178812	7421967	1229462	262799.6	452007.4	744600.7	9512658	18637479	116645.7	2373901
206134.1	211380.9	76749.13	79452.27	83890.41	118865.7	40769.76	503285.5	4232.029	0
101999.8	84816.04	0	0	0	91279.17	128566.9	159172.2	0	33888.05
508497.3	436980.2	42985.26	29190.94	127539.3	617198.8	318161.2	805344.9	43717.13	105225.4
5772382	6304203	199648.3	247152.1	689307.3	4257671	4255854	3321816	468640.1	1778749
3392293	2957589	204398.6	84851.96	443437.3	3418851	3253933	2621844	309186.1	1121742
4125577	3229009	403407.6	457693.6	969332.3	3886099	4379951	8107457	388245.6	1550384
309058.9	155698.5	8927.823	9946.208	3597.03	138074	574873.9	458017	54741.17	299172.3
141302.3	66213.3	330930	302158.3	279857.8	120069.7	59795.14	147229.2	218743.9	191396.8
144785.4	88935.65	74336.52	85112.94	474901.1	279910.6	361668.5	216238.4	13318.64	119459.5
298657.1	218610.5	5980.273	0	0	147103	498686.5	422390.4	47556.43	124835.3
7617217	1573589	5576245	7121124	7159469	5021869	7789619	10045011	6229526	6240714
695542.5	498246.2	10597.62	0	18011.83	419250.5	1122301	1023615	49813.05	395659.4
20776321	31441930	232734.6	114925.8	51857.58	563254.8	9301658	75713731	4065.15	15395821
667612.9	660295.4	417924.2	504722.4	1955548	7745755	1778225	698820.7	47984.81	81049.15
638332.8	504082.8	208357.3	83995	296244.2	635639.7	411827.1	575238.6	266804.3	194217.9
228771.4	253182.9	10146.21	5008.584	9980.087	172959	173722.1	360012.6	11459.86	96517.28
11726994	17789890	71674.71	78217.39	0	176810.5	5384752	42851346	0	6536013
359114.5	282218.1	0	2291.36	0	53744.91	644783.7	481262	26699.74	197393.3
343000.9	110085.1	625544.7	582805.9	569791.7	207299.8	327709.6	483166.6	396126.8	331873.9
1041084	1023507	114544.9	145777.8	188655.4	818379.6	818257.5	446576.3	125448.6	366040.3
972762	1210327	2379.831	6691.611	244455.7	576086.3	417967.9	2130490	9084.72	47762.92
934209.1	1092445	12097.03	3784.919	20422.95	183718	1081255	2788839	18703.82	347213.2
2312693	3352878	460603.4	470194.5	380630.4	66892.52	259586.6	153178.1	7919574	2970916
1.03E+09	7.11E+08	1.67E+08	97269157	4.67E+08	2.16E+08	1.61E+09	1.93E+09	3.08E+08	3.31E+08
940333.9	1398635	111878.1	106632.7	150966.9	44856.83	149637.5	125081.4	3347959	996579.6
49481.07	41490.54	45975.77	39699.39	122600.3	570372.6	127828.9	79429.49	7217.928	35134.46
300113	318601.6	0	0	10908.73	39694.28	424370.9	492932.4	27626.87	189370.3
2180159	1309679	152691.6	140497.9	373872.2	2510952	2676389	2344690	485163.2	1236709

240088.5	100239.2	114466	31485.57	52658.62	369656.8	169025.5	372892.7	161394.7	121933.1
47549.16	41292.86	8379.749	15837.54	62935.94	1334342	4333157	29102.29	36906.5	33621.82
829637.1	598692.8	55120.63	68729.59	130504.5	266514.8	1379396	1632733	16056.52	786002.1
999171.2	1363357	333120.1	2641180	1957478	15035487	2769507	715794	5732.547	111836.1
3696102	2319743	705577.1	745854.2	1186481	3627756	4289734	2891504	1043218	2354111
2719408	1531072	554671.6	345345.1	645390.8	4344691	1535286	3343903	1214966	963823.3
531537.4	318642.4	73720.82	45805.52	90111.25	314388	857268.5	692715.2	63804.64	342148.7
421270.7	155051.6	88645.41	123245.9	191702.3	668388.1	258798.5	282975.1	614583.4	563459.6
5710214	5254049	12428.46	7390.705	77703.72	5687680	5791422	6803914	92280.48	874908.5
73492.33	30222.55	79061.18	106746.7	72778.15	182325.7	78134.23	68849.28	54534.71	98252.5
6851761	11090812	0	0	0	0	1501712	26290496	0	5383882
354768.4	268099.3	162064.7	320879.6	966575.4	613801.8	948040.8	227938.3	43573.31	602969.8
438284.9	360458.4	65002.77	122191.6	115039.7	313300.7	457954.9	311710.4	150374.4	93393.41
2.51E+08	4.17E+08	1800302	4390867	8951119	3249759	4739139	9.66E+08	800938.2	2.81E+08
792623.9	805891.1	817061.5	2100167	4944268	649271.1	998019	2102221	4952.138	434838.5
196674.5	216245.9	0	0	0	153597.8	167411	524619.2	0	0
185925.8	209856.2	3237.396	0	0	0	258931.3	262014.2	18761.8	128532.4
2893209	2426134	195645.7	165083.4	468468.3	3017207	2787670	2322416	318252.5	969101.8
2387279	2168044	419506.9	598405.2	739079.9	1800006	1849589	1388321	604883.5	1097662
332725.8	258005	222866.6	245704.2	248516.7	131382.8	32348.95	214516	78000.26	167846.7
77929.18	60153.4	37525.47	49316.87	82342.03	425707.6	350911.4	162819.6	59386.63	47538.24
1601944	341096.6	927263.3	1147613	1185457	1854420	1533577	1800967	1222672	1406514
3153715	3542518	631150.5	347567.6	1367059	94947.97	2695102	8943818	20702.39	3981617
506051.3	466568.9	0	3618.842	80284.57	372511.3	586790.7	383613.9	18500.72	164237.8
837175.5	646067.8	62015.4	47069.19	205242.6	885347.2	855501.8	774150.9	117498.6	360717.8
12832298	8732280	1855671	2095019	3451614	19069210	6757838	12458278	2413758	6331046
1389496	1665172	139564.6	141274.3	484321.1	572372.7	683117.5	4028024	88932.03	287033.1
165764.3	214738.3	327207.3	939240.4	3685321	207127	119530.2	529493.5	0	160123.4
146798.8	114396.8	166930.3	94898.17	366588.9	1360453	283044.5	112162.4	34587.56	51142.22
284365.4	266309	195135.8	139908	312966.8	1268103	1416113	434674.3	149834.7	73673.74
91921.39	48731.41	113384.8	70429.23	125313.7	159195.2	158196.4	131982.5	45327.95	154649.3
3791654	3993510	144699.5	142655.9	501246.5	2923585	3112738	2424489	227825.7	1120839
76532.19	55512.59	79312.76	52390.62	158640	978104.2	250639.9	126919	9463.226	28335.93
49379.25	68169.56	0	5800.254	44514.25	2085232	6925085	13998.18	9373.405	12078.56
103606.3	88906.72	12117.89	0	14664.67	91868.13	113747.7	240506.9	12640.53	37479.55
8449832	13500768	0	0	528329.2	0	1980702	31941690	0	7693019
27068101	27818189	1394343	1231675	3443732	21060609	23378025	16486136	2491310	8888187
39822785	51928354	3159865	1955564	2387664	4612919	32320693	1.3E+08	922627.5	27240474
3233716	2977271	164046.5	17340.09	1453201	2395462	2977546	5159343	351231	423884.2
1514564	2128020	6663.344	4432.272	17933.68	321058.2	926195.4	1017623	30228.56	1016028
420876.9	152174.9	755419.1	695331.1	541448.3	350687.9	398077.6	492734.6	462102.3	415591.7
220420.9	251690.9	105844.2	100528.4	78519.66	30514.07	44612.12	115609.9	17193.43	49179.24
7.05E+08	1.56E+09	7.5E+08	4.16E+08	2.06E+09	1.81E+09	5.03E+09	12651445	4769422	2163959
181743.8	201032.9	19186.29	46522.88	47652.29	38387.75	157359.7	534327.4	29946.11	105093.7
196853.3	101017.7	236745.4	273754.8	269478.8	160733.4	416414	171404.5	121844.6	92548.73
322724.5	273152.6	74759.24	83142.95	422037.6	3995146	11542868	203479.2	55527.87	125186.2
10079180	8245791	231082.3	119357.8	569006.9	2244771	17168079	20741012	29719.46	14260883

1147805	741184.6	179984.1	85461.95	392986.9	508172	1807211	1808561	182793.4	530510.2
11232720	14077174	0	3921.882	0	451679	12815224	33019370	35455.9	4877334
1117102	1896193	5475.167	4918.735	4015.255	0	6806.655	13400.9	4468792	727234.1
552753	648006.6	4629.331	10764.52	40314.25	277671.7	484882.3	309487.9	16884.97	151694.2
1.13E+08	1.57E+08	5982646	11737752	46837220	19086164	20554833	3.78E+08	2407706	19507195
2743875	3000370	94436.34	118975.2	535821.2	1466326	2476973	7683531	183618.9	819918.5
8636033	12665150	113084.8	36065.27	0	421389.2	5226373	30665399	0	5678783
8793248	13924563	7196.362	0	0	45806.04	2997004	33257001	0	5510135
125159.9	79267.89	22545.32	0	20945.65	230516.2	9828.158	244871.4	37000.11	108694.7
353703.5	402428.7	695101.5	1414630	3300532	106546	185673.8	939369.3	38593.41	603975.4
9042746	14344460	28759.9	30299.84	0	97522.42	2929754	34255577	23404.82	5218535
4231633	4525878	156223.7	165781.4	514845	2551328	4049142	2741064	389641.9	1291891
1602835	1776533	2602122	575720.8	10698379	416352.4	7583004	4759898	1002653	832233.2
323759.7	436750.9	57369.43	40719.09	211568.8	5170203	14360090	1088944	42331.74	47024.53
1173458	1281287	13771.74	24409.45	96948.41	604132.5	1225564	792348.4	92892.05	346274.6
1189734	1555839	20232.07	42573.92	164202.9	94114.83	1001689	3875343	0	245025
2661843	456896.2	1144557	2358152	2445815	2946267	2213745	2623202	2230996	2210614
3349321	4751353	21780.84	0	146301.2	453689.2	2110257	11325409	4178388	591173.1
2231999	3457375	87421.25	149526.8	143801.6	146348	499724.9	8333760	369012.2	283446.6
600876.6	392806.8	131082.6	61322.62	345648	166761.8	894344.6	503480.3	0	996674.3
17807696	27866344	0	0	0	704077.1	6581901	66624134	0	13418440
19102618	26232004	1369722	1232479	6891898	1720901	7304342	13447554	973651.3	3265914
284859	262072.4	49338.02	31750.72	69058.69	97510.44	358071.1	684445.8	68998.72	31028.8
2755081	2247299	48401.59	36626.81	115217.1	594335.8	4747099	5871767	0	3526231
346915.4	298681	49316.16	54009.91	63626.51	309616.6	332211.2	194248.4	46749.21	162778.2
20140013	30871379	92118.95	113198.5	0	412644.2	9473364	74181046	0	14554289
5692180	9080090	451096.4	444894.3	406191.8	290826.9	307087	367545.5	21458196	5529838
5974818	8315724	0	0	14099.56	148784.2	5031219	19989587	0	2897912
1657697	2215987	18649.23	58700.56	218657.4	367367.4	1095836	5551146	48809.27	589124
7061894	894265.2	4439780	5796941	6723515	6517655	7717925	6804774	5695992	7093946
406781	516048.5	0	0	0	87118.76	400995.4	1281155	4659.064	115444.4
32268909	51079972	45706.11	4521.644	0	383539.4	11365366	1.22E+08	0	19110802
270985.7	342527.8	66934.65	0	0	78846.83	197170.3	844100.4	0	21592.51
53058.72	47404.17	3373.381	0	48082.61	460140	518896.5	129804.4	0	37784.59
469119.8	231693.1	6398.227	16703.55	16131.99	525124.9	684684	590386	284507.3	672741.1
2160581	1630147	16083.74	10545.32	823874.5	1910654	2599366	2323637	995141.5	2037852
8037794	11493664	0	70951.35	0	83309.98	6101770	27435161	0	3372548
188673.3	174832.6	25776.25	19697.29	33902.92	167969.2	162486.2	461790.5	0	80117.09
30166369	45715004	430111.7	154235.5	629930.8	246553.5	15393465	1.1E+08	0	16639191
4841558	1417585	3455792	4158190	4268374	3382927	4662166	7194540	3586218	3901832
65619.24	43536.94	26272.54	5679.333	54067.4	475925.8	539769.8	91899.94	15724.72	65825.22
171041.9	94726.27	81998.1	133147.1	205313.8	1496092	683512.1	119215.2	77564.38	309036.9
368556.5	514479.2	3647.453	0	0	9419.12	308932.9	335580.3	5924.045	130411.7
883613.1	1523270	890688.4	59302827	18542254	1759.962	211952	175499.9	0	679966.9
988026.4	191571.3	675428.9	951442.2	951180.8	951892.6	783290.8	995539.5	718607.6	919341.1
216783	240939.8	79429.56	2432.085	0	63368.48	216157.6	609306.1	58213.48	9397.322
1202305	556413.1	796026.5	961044.5	937289.1	1009487	666878.9	2029413	750555.7	629222.6

1372592	2131571	230961.6	169770.5	198667.3	22379.41	34179.13	59355.4	5021299	1531677
9753222	15760606	20718.81	47213.36	68342.74	30040.02	2683669	37457651	0	7374888
8547432	12427121	24925.71	37953.24	2588071	242325.4	3555837	30194685	0	5508416
803248.1	860437.5	26037.99	18071.75	75268.63	647076.6	657453.7	446668.2	58037.7	246133.5
11408943	18572496	6347.578	0	0	80575.68	2907560	44040113	0	8345867
1429493	1657797	56944.45	58847.63	71411	837126.9	1193023	521283.8	63579.24	584830.8
18262688	26777633	89551.84	5176.987	95613.99	132997.1	12506771	64872613	0	12202925
14505711	21108311	126970.5	43231.14	900743.4	1281947	8496264	51433725	23392.64	5639505
4541675	7444111	15846.2	2849.829	22377.37	0	1026517	17678820	0	2894027
5477332	6033843	74623.17	98197.9	1112663	5301292	2740116	14998998	268842.8	916868.9
8634845	13130681	504707.7	296267.8	1080905	647594.3	2470240	31803791	0	5739363
477356.6	402542.9	131863.3	130649.7	81936.42	86445.05	663614.2	288937.1	32656.19	362193.9
445237.9	195959.1	260682.1	310670.5	325511.5	358849.5	393752.2	679918.1	270839.1	279333.6
263070.8	221943.3	2756.347	0	3456.008	302809.8	270653.4	449681.6	17177.44	379291.5
125439	114326.4	81895.49	105866.6	391441.9	1756896	326716.7	155388.1	4849.929	40531.03
237185.6	99307.11	371195.4	199077.8	586539.8	471014.1	138224.6	345578.8	134995.1	296287.4
38425790	60918525	5167.034	8407.479	379981.4	269850.8	14331117	1.46E+08	0	21599750
14311369	21829309	105036.7	18402.23	354469.5	474003.9	7030292	52572858	10290.83	7473924
550902.1	539397.3	0	0	12687.22	597872.1	459926.4	1255976	0	13357.84
18984576	29906108	57699.07	46422.67	254766.2	248448.6	7372711	71529016	0	11345311
368374.6	485947.6	0	0	6609.007	91216.76	311872.1	220056.1	0	65353.98
531245	283495.3	343582.5	308585.3	486036	2731509	2180415	755645.8	151683.1	318992.5
13520949	21863770	27616.27	0	102374.4	157903.7	3845638	51986074	0	8718946
8465044	1651589	6089474	6580013	6506293	9881444	7238565	8946372	6855167	7815751
1069851	1146371	187521.1	272926.9	288109.3	614078.3	641488.2	393566.7	197710.2	353149.9
565774.3	209355.9	140853.3	99332.94	213643.6	304253.2	955241.7	511687.4	300680.8	804355
1366454	804281.3	16824.7	4006.037	99867.46	800818	2400489	1898659	217254.9	864637.5
7205422	10418300	0	0	0	0	5497888	24919933	0	3141655
10332702	16825474	15786.28	0	52259.04	175507.5	2629449	39907180	18303.89	7495928
52470038	33639513	6816973	1906260	37398424	5105750	82393753	69578145	9757915	23650185
320048.1	357760.7	0	0	0	119615.7	387737.9	916821.5	5968.895	198279.1
825393.4	466414	277653.8	271350.5	358526.4	753106.8	948352.7	1588408	398665.5	532175.1
172338.1	98952.81	43206.17	55040.53	27473.86	212549.5	174052.3	218642.4	33021.19	106943.7
200816.7	147042.9	9380.81	23368.36	18324.19	184714.6	263337.9	247229.4	5864.11	164936.6
265787.6	220819	4472.087	10763.26	8862.643	128523.9	415919.2	543930.1	18340.19	147411.7
1308325	637264.8	14907.89	73765.03	16639.52	10409.31	2705997	2085895	588133	1001850
1953048	1053068	3128135	1424430	6756728	1231186	4115913	2850674	187960	2170689
11532392	18797865	724231.5	343363.3	1106576	350774.8	758510	250308.4	2740895	10275730
18410768	24318793	222454.4	93478.67	333333.1	678342.1	18629893	57878608	0	7546142
47607.7	39209.6	104804.6	33599.94	52653.6	321961.5	72970.45	43468.12	0	24507.78
8847525	6154152	65024.56	45815.42	386897.8	1206911	16826717	14619221	528301.2	4326333
110414.7	123364	2654.023	0	131755.2	0	42525.27	228211.7	0	68904.12
33235331	51520712	6491.015	0	461625.5	219618.5	16074621	1.24E+08	4388.413	18279136
138812.5	85997.54	3165.726	15232.31	33848.7	174612.3	151346	159531.3	47395.26	59946.4
7808834	8341153	563146.7	67353.61	1182489	2033649	9723597	21063276	264373.5	1652234
966309.4	448605.8	3256.428	2672.2	17021.34	10913.72	2026780	1472568	279856	894855.2
107297.2	86912.39	53925.5	67404.13	67876.02	34675.8	60370.77	91357.01	48497.52	22592.83

234810	164817.9	38870.71	8756.252	76064.23	208019.4	292511.5	370597.3	38094.41	97887.59
470224.6	353688.2	214171.3	54395.49	288498.1	3487377	3992996	1011895	39037.73	328228.2
4590490	7933994	2866.101	7928.181	4053.852	0	35121.02	79676.81	18651537	2728525
15189507	23170187	4370.077	4105.939	2051420	208971.5	6610401	55777795	0	11016973
2693962	2892801	257136.5	141726.4	84905.53	1828746	2511739	1523124	2380090	7656582
1763753	1121102	18430.27	11256.19	53212.61	1037337	3063365	2852711	661974.3	1891153
610901	526595	47276.73	52192.04	87924.87	628897.9	587218.8	431186.2	56349.04	278005.6
1103398	664660.9	221973.9	67970.86	935931.5	150933.6	1622465	1419059	105374.5	791957.3
183069.1	141668.1	24476.04	19872.69	45860.55	71597.21	276137.8	402620.2	45176.68	128218.3
1836135	1175733	257259.3	320768.8	207554.1	439749	3240070	2928579	179573	1033921
13797001	9105089	2994352	2159017	3448062	16722151	13193359	28526296	7051357	6052014
974386.3	815988.4	280633.6	312233.5	294338.7	547401.3	1005402	2259746	186573.6	355761.8
16602668	26057200	30052.21	2580.975	448873	413452.5	6788981	62367264	7248.764	11074110
864243.9	1150771	253992.8	259986.7	276272.7	158795	49339.05	20717.62	2629251	1444029
3331179	1928758	706050.1	738662.9	4655866	1289789	2460004	3605038	181032.7	3246914
100370.6	82632.37	0	6850.198	10743.57	0	179821	150467.4	38516.26	86937.4
202401.7	65630.7	264468.9	172528.7	685358.8	97146.52	510741.9	273217.1	99227.53	216123.5
22882595	34989386	84648.39	0	420083.1	177540	12394678	84079572	0	15050138
4552382	911309.5	3045740	3535706	3572419	5178342	4160033	4899467	3483257	3923685
94334.93	65546.69	33965.11	13522.08	148067.5	935719.6	468997.6	169296.3	12424.92	48389.68
3711983	3292021	332339	53321.95	85081.49	283576.5	6332806	8895735	947479.4	3435081
42416.49	34848.04	5702.294	6945.91	99207.59	971745.2	301732.8	55329.47	0	20116.4
29815400	46481293	816064.8	736692.7	12037875	258867.2	1001271	1.11E+08	0	13513171
1357622	936554.5	15433.02	2942.253	229570.7	552044.5	2354440	1825901	111549.8	648168.8
14559589	22849856	87760.25	3170.96	0	13479.04	6659573	54668352	0	10060806
9714805	1698032	7194343	9508019	9907274	6061753	9488777	12225476	8583253	7883761
71043415	75458923	1885735	1131185	14454695	12931286	92855054	1.83E+08	0	12207618
3900268	4360467	35017.18	13464.14	248169.2	1002151	4917651	11151888	1007760	1993174
209643.1	126057.2	0	0	21466.86	2200228	3235857	200025.6	417558.4	87814.59
1920196	2102094	1509934	4513836	10849199	1130300	3703865	5510432	98739.22	1293914
1109580	1213358	7663.154	9902.707	138619.1	594981.4	1163077	751364.8	94382.55	323173.5
12247702	19410051	111230.9	64481.75	378708.3	249829.7	4456931	46466942	0	6962676
2327747	2395820	4782.449	2930.892	11962.59	1258052	2939647	6269276	187731.2	1591360
13873693	6808906	147190.3	261225.7	755521.8	1748031	28187947	20392282	5353430	9796351
380866.5	192374.5	53528.64	25680.69	70298.08	223857.6	656124.9	512436.3	200972.8	166481.7
1118931	1730455	188572	238053.1	167589.7	0	19538.46	5980.611	4035456	1389410
3842187	3663457	35330.2	47995.66	0	112393	6526223	8475687	4154.151	3627688
324826.8	338298.8	10813.28	33141.68	15491.53	81193.62	437138.8	261962.8	13930.25	127571.9
2109422	2504891	65263.27	48465.53	56850.49	438965.1	2441672	3230778	548492.5	661125.8
5556861	8869149	49556.55	51287.5	152722.4	563858.4	1449278	20884370	171832.8	813683.3
132184.1	30182.29	35156.96	66264.58	156405.4	1389862	4434073	80382.22	148085.1	145154.7
510378.3	432522.7	128192.7	103353.4	63547.3	627807	292128.1	921103.6	45790.68	40217.41
1023923	706464.2	280218.3	59772.69	430504.9	257823.5	1597257	2120236	339275.5	550970.1
272157.3	224561.9	2581.05	2685.775	54858.59	171912.3	386133	347208.7	31143.38	130954.1
315657.2	264732.5	296254.6	302158.8	858331.1	1338179	262849.5	424133.2	21443.97	129599.1
4855094	5249475	713664.9	1121529	1179841	2897450	3141550	2369303	1125996	1963392
8693151	13932492	0	0	86800.16	30957.16	3244537	33181814	0	5695588

451192.8	260388.3	41272.76	18939.19	65915.48	561135.7	548527.1	476050.4	24509.03	460049.4
540452.1	325230.1	0	8678.98	34153.29	731145.3	625407.8	672064.4	52997.27	503641.7
13176901	10683340	1896406	1045720	3155759	2053147	21165641	25772836	265716.5	6862375
19147734	31237972	0	4383.101	0	86311.09	5874596	74220736	3671.822	11323383
230621.1	164046.5	117239.1	82876.8	445277.8	2745370	948253.2	362004.8	94825.72	109030.9
291180.6	118808.2	269712.2	307772.7	248648.7	123782.8	107450.4	408223.7	113253	233442.6
8E+08	1.2E+09	1.2E+08	90466770	69576778	3709562	2.61E+08	7.23E+08	11687556	41103778
442023.8	219092.9	127710	78584.78	247673.5	290811.3	639907.5	719635.6	135751.7	355986.2
11866383	19382663	15660.18	0	0	145482.5	3556365	45949159	0	8413501
38878339	65841604	105516.8	72496.8	1132861	3422645	965394.4	1.56E+08	85083.08	14250739
584302.3	568413.9	0	5093.258	107447.6	720725	336878.9	285625.2	0	246818.7
391618.6	243024.9	66721.18	104085.5	107536.8	283775	553778.4	318252.4	182792.2	210364.3
2012626	1049897	141573.6	603415.8	352751	2777959	2034790	2150097	542810.3	1411961
11928572	19473332	21807.11	3466.614	0	248759.3	3552509	46168362	0	8519215
10465241	12498019	1475618	1706558	2235446	5133524	5809625	4829651	2103315	4074574
26948359	26396368	388427.9	798079.8	1217993	11655215	37572214	70111322	455592.8	18303607
843367.3	1081045	283360.2	283776.9	256955.9	138635.2	158610	73254.18	2568612	1238831
12019462	18587027	65594.58	12014.63	339361	74993.08	6212988	44608555	0	7078196
4835027	6985324	8725.986	16186.97	0	44068.52	3880588	16771041	0	2400447
517302.4	251105.4	252611.6	101830.8	329635.6	155049.7	775092.6	734604	208746.9	287918.3
82489489	88614304	4771004	3829675	11092933	61923157	69646809	46415108	8025542	27961065
8279975	13328486	2252.274	0	10608.63	61417.16	3169050	31530078	5319.743	7342111
636154.9	494388.2	113558.7	86077.58	98398.31	606557.1	711191.5	1272337	182319	88280.24
1202330	949495	88948.34	48387.32	185783.1	1293606	1311723	981804.4	186026.6	459941.3
684118	445463.3	10448.04	15191.4	18295.26	64492.72	1345282	691529.4	103464.9	845770.6
282802.9	300168.3	7530.505	8612.827	49072.89	97496.42	346211.6	781710.7	21974.95	78782.83
71441.5	41317.43	4689.337	0	0	23476.75	137021.3	95410.56	0	83150.09
7775250	9657571	740573.1	221080.2	1536513	1135068	7157223	24231465	87172.75	3632282
22875.1	12888.56	128990.5	34533.5	184435.4	1305062	21489.91	9254.238	24918.19	34564.33
1094437	843391.1	79322.8	91398.14	265711.9	1184257	1141105	987853.5	186597.6	392405.6
8123403	13500150	0	0	0	0	2051328	31841310	0	6250863
165779.2	186540	3362.814	12292.18	0	99886.3	162034.3	141282.6	17517.7	208912
629401.7	735874.1	0	8435.934	56134.8	237741.4	671918.8	345149.1	43875.76	195684.9
3972896	5669127	6772.679	38543.52	228583.9	570398.6	2713868	13788994	0	1961305
648238.8	410522	3245.171	0	15143.09	359652.8	1153255	1045894	69474.56	376386.8
214053.2	301601.1	2097.896	2359.527	21316.01	71149.79	108932.3	127624	0	0
1457421	289306.8	1145832	1106011	1190475	1625779	1268436	1542604	1244772	1357463
416130.8	230796.3	101752.8	104571.8	183655.3	244804	615675	629774.8	67170.11	303543.8
1485909	2177312	333996.8	304630.4	324771.1	176011.5	77767.89	45386.13	5151397	1824824
930075.7	1134670	8539.169	7700.606	21010.88	300673.4	975709.9	2869957	0	264022.4
23155764	34567152	304457.9	136387.1	0	322311.5	15710129	83476282	6453.226	14788056
928256.3	440151.8	200790.1	139175.3	1246048	5088866	5888002	1147735	233593.6	1035540
65692045	1.05E+08	83696.97	21238.49	368746.1	713526.9	27847545	2.5E+08	65653.73	32375374
3157024	2154974	18877.6	45643.37	168446.5	291114.3	6137333	5907797	312480.3	1818552
703021.4	570253.9	38509.67	444915.6	340298.1	849082.4	72751.99	85955.16	1295065	1085756
17921.24	7545.153	61715.46	154941.2	137351.8	1415309	13285.34	11610.9	25315.64	26967.7
3427427	2955846	689462.1	228714.6	122099.4	843438.2	5422476	7968215	204312.7	1677328

8209917	12716436	98386.88	32110.78	171408.7	0	4387611	30481389	0	5699702
4289790	5120729	216909.5	329862.6	612700.8	2425939	3081639	1571574	435805	1661294
1231774	880746	2559.238	3168.833	17601.57	87928.36	2400144	2058236	100990.1	656888.1
11372298	9115743	76801.57	53313.83	823084.9	8816499	16317093	20365699	57004.08	3456046
9531201	15607105	7990.342	0	25885.17	119999.4	3054908	37043997	13094.79	5860523
989767	614098.4	94891.24	60346.72	119554.9	442476.3	1742103	1442636	121325.9	600947.1
45480084	70223579	353909	202265	591257.2	671102.8	24980324	1.69E+08	0	25161969
92240098	68481335	17807245	6782113	28449267	6308119	1.56E+08	1.85E+08	17478536	34150821
306678.9	326396.5	2776.21	5532.429	11831.01	8642.444	471653.9	680442.8	54826.14	162537.8
200085.6	120090.2	9546.588	11629.32	27348.32	63248.72	370466.8	254601.7	30851.67	145955.9
673290.5	525626.5	87596.34	27030.93	241478.9	774083.1	585734.4	1234492	80653.82	173481.2
38863911	61948249	0	6916.868	394215.3	787363.2	16671644	1.48E+08	55927.38	21949154
22876961	34756069	13267.62	44402.19	702974.5	273030.6	14029395	83178924	0	10230702
426914	505946.3	24388.29	37714.04	30196.94	295914.9	284942.6	100043.9	22490.97	235616.6
31143123	6142072	21582559	33763822	28484378	19183390	30004277	39483266	23971848	27018645
7128035	8643516	389731.8	172338.3	531431.7	650782.7	8361876	20417992	19677.12	1374246
32358510	51559655	0	0	0	348359.7	14648223	1.23E+08	0	19162622
258960.5	280139.1	0	0	7315.052	58939.23	365465.7	362313.5	6339.05	50506.7
1266437	578724.8	572348.3	579717.4	1177111	6794482	6222999	1811921	778841.1	756174.9
406764.5	181951.9	5746.811	8131.269	6793.584	432363.9	643102.2	437480.2	350061.8	599068.1
897206.3	633626	80942.61	27044.77	241825.8	383032.8	1471447	1300793	87357.13	335631.2
1023050	433714.4	542786	806498.8	828868.8	4060183	4378039	866161.4	842943.6	1796713
178946.1	231606.6	0	0	0	65413.16	159387.9	40666.95	12749.01	57866.36
13022371	20869580	0	0	13831.46	50586.42	5704681	49396029	0	11617174
105424.2	70198.34	29778.74	31291.36	51751.88	101169.6	100702	67508.57	55021.2	42983.6
1516456	2418863	997283.7	591036.2	2684946	5499628	10853828	195663.1	1221924	65241.07
59219484	90446759	681492.1	355447.3	1120382	1134560	35147420	2.17E+08	22638.92	24571041
168312.3	68432.18	0	0	0	0	362536.5	198557.8	77931.1	118528.5
1384769	2138952	92398.62	72692.86	55329.9	398740.7	243917.1	5165335	607763.2	49287.25
284869.4	115897.1	99890.76	40256.97	368011.7	1818142	1412030	413777.1	115340.9	236218.7
6501924	4836622	9732.59	13279.8	2473571	5914938	8141002	7144996	2986759	6180926
9239171	14485604	92732.85	0	0	187298.9	4749181	34462353	5251.005	8067818
46846123	73888759	43907.65	0	96568.68	585257.4	23603835	1.77E+08	0	25945760
223376.1	163090.3	2714.052	0	32446.28	135898.3	360191.3	254049.8	155096.5	209162.4
12579511	19848773	155300.3	138781.3	1203507	77943.64	5042475	47429664	61883.76	7567609
395388.9	361451.4	19421.47	13298.57	69064.33	412716.6	360560.1	297115.5	24826.9	117713.9
1645321	912150.7	289520	251176	853106.1	570930.4	2687082	2243582	373988	978573.8
1250787	1316911	125036	23866.65	0	321565.8	1743985	3427661	108213.6	446694
11301126	17076102	140065	13601.43	153838.5	358961.5	7220151	41152943	64201.75	6789202
415319.5	401666.2	7979.116	6626.944	43673.27	31565.99	675210.7	858261.9	130745.8	208166.1
13398308	19239611	261343.8	282434.3	615642.3	8303155	2786880	5841495	13575.33	8102743
227954.5	69127.51	136940.5	115465.4	106959.2	152290.6	327205.5	217048.2	191492.9	149597.6
22501698	33697093	214197.3	145363	59415.71	221555.1	15776080	81337140	0	14644972
18618466	29869645	2273.222	0	393950.1	293362.7	7769359	71222382	0	10974357
258211.2	175405.2	249165.4	311529	261227.5	629307	466289.4	559948	219614.6	184595.7
118756.5	96210.19	0	0	0	18577.76	218876.4	244400.8	4614.31	75302.21
2898593	3269549	7376.173	8749.109	1124580	1385298	2515294	7838741	214768	1223676

63712.48	32943.2	46648.46	178533.4	96683.31	510051.7	41568.14	70733.66	78680.12	28608.29
418085.2	554372.4	5461.746	14022.43	17136.97	212480.2	259527.6	119501	19206.47	96971.31
12170565	19410096	40049.22	3208.894	403546.4	110452.9	5329588	46309223	4286.038	6368443
104248	69463.65	68534.57	41707.09	224362.1	835034.9	266358.7	97145.22	17215.41	103664.9
54934046	87349731	152554.8	36452.78	262144.9	762847	26316401	2.08E+08	0	27808199
16189539	21952170	24048.57	0	83352.32	390440.9	16899736	52005328	0	5928204
8404941	13135238	12681.39	42950.47	0	70008.38	4686072	31419106	0	6117622
2447980	1907987	171169.7	198273	508803.5	2767485	2505999	2127408	397184.1	942486.7
17211594	28265081	13788.74	6878.524	125158.8	107817.3	6005408	67075352	34691.01	9763545
304168	467179.2	0	0	4096.26	45633.99	149794.1	105248.6	4860.805	75399.5
8619694	11191955	0	85652.07	122120.1	437124.4	9801912	26012813	0	13665469
156506	137466.6	0	0	128450.7	1292540	1380653	380148.1	6182.158	133706.5
1181291	1394282	38349.17	22621.36	59828.65	256839	1420709	952310	36933.66	520546
14611726	19809459	0	0	251605.2	310437.2	15207463	46973158	0	5747946
1865486	1389317	238106.9	106575.8	313540.5	1119122	2838836	1478332	322577.9	1310306
661030.5	413841.4	0	0	3481.338	57923.79	1339183	1028343	84041.65	380959.4
295603.8	188171.4	99340.22	85768.72	103545.6	236056.8	362580.8	383378.3	17294.84	307546.8
268058.7	191609.5	271250.3	320948.2	1082916	7904300	40131519	108730.3	168390	110596.8
1232128	1382363	176624.9	176436.4	304130	757674.5	810798.9	652461	275259.8	510559.5
86358.93	57116.75	7055.718	0	116185.4	513913	759512.3	120420.5	7058.419	45232.83
129114.2	70404.91	15088.33	15641.85	145856.5	829028.7	898293.2	129828.2	22424.63	137283.7
4893813	7851542	0	0	696545.1	6772.732	1628047	18567458	0	4436480
2341858	2690203	96483.65	183231.8	327440.6	1475487	1892794	884984	169836.9	986023.5
5768654	8965230	0	0	102894.2	62702.17	3307035	21460370	0	4075248
684093.6	405742.7	78859.87	101962.8	118097.7	1281967	87341.96	719526.9	78844.82	537461.5
781943.4	1001436	258473.1	247513.9	245757	261613.4	74167.38	32184.98	2317630	1278077
8474064	14193711	3585.061	0	135846.9	44171.56	2202646	33471717	3589.603	6025170
6550864	9981369	47727.95	5718.165	0	47360.22	4345559	23999680	12054.84	3978775
6856675	5992709	83422.82	153946.2	1323046	3189525	10224470	7954120	866213.3	2579134
7168827	11975993	272769.8	389918.1	310843.6	731032.5	448086.2	3030696	373573.3	1144704
30636441	30691748	5821525	1046805	17260484	2147547	35670230	77145027	0	14251903
1971032	2737739	13343.52	55938.24	114072.5	262363.7	1611173	6764598	5168.87	704381.5
2224769	1605345	766372	933604.8	1318258	1707967	1803851	4107726	30298.01	2374190
585885	410420.1	11012.23	0	14974.24	35534.33	1155744	992887	67718.29	275263.8
3473750	5805170	39610.86	72947.42	261308.8	538059.1	147488.7	13806884	400695.3	1730287
1066182	183954.2	717981.1	1000759	1006722	867735.6	1113794	1265113	867584.2	888610.3
8496295	10111968	854257	233542.8	1532086	2276492	8484316	25543279	30848.93	2352291
14247972	21785119	1013838	701596.2	428445.7	1426376	6349337	52619043	59752.14	10230704
7864450	4981560	3898139	2817134	29340220	10651406	39494351	13641216	1486363	4045731
72938163	1.18E+08	91849.04	6174.139	518307.8	2235783	30713865	2.8E+08	19843.51	32345137
64638539	93585440	8210764	3267010	24095695	490574.5	23812774	2.26E+08	0	27521696
8024440	10207483	553697.3	776254.5	1137511	3889979	4900030	2793954	830288.4	2564990
1552089	2241818	7338.075	14816.83	463862.4	342915.9	623497.2	5397392	38397.84	147169.5
354913.8	291782.1	80749.58	12087.86	85001.94	41655.66	576525.5	821415.6	51292.9	200527.6
126996.8	78439.77	100404.5	210457.7	209088.3	165744.7	189545.2	190186.3	28650.29	65946.5
1152393	1717438	275250.8	261761.9	267675.7	103424.3	35396.99	12645.26	4028435	1474772
812464.6	445028.6	138567.3	233574.3	305658.6	859073.9	986474.7	1096827	250386.3	412342.9

193573.4	195902.2	7052.3	7723.147	18617.72	260224.4	80334.42	238568	11642.53	506964.6
13349243	21391876	7187.291	17129.17	893696.8	227136.9	5515625	51050357	40753.74	7503882
6671027	4441594	1562244	822976.7	2842710	1600373	10771742	12732404	1965220	2697689
259160.8	240277.2	564647.9	800440.4	84990.06	297417.2	491287.2	594685.7	430909.4	96090.07
7092026	5731948	267781	110081.1	8743737	897487.4	6947404	6615334	1068410	1918478
292839.2	224713.4	128187.8	42442.48	512941.3	1760156	1074763	372890.1	163733.5	131597.7
54807.68	67410.87	26244.01	33059.6	115097.6	636927.8	2825134	79590.01	5770.071	18996.19
1505254	976439.8	3427.144	0	25472.24	305560.2	2959277	2350632	209654.9	795356.8
890333.6	1432036	8953.43	18335.14	22512.48	36220.09	347720	304246.1	5629.488	606976.9
23945863	32769785	0	0	548531.1	755475.6	24399286	77650954	4676.054	8198759
580727.1	459581.3	136579.7	30179.22	203460	190996.5	862060.5	761848	42501.54	165403
24617414	37344054	210478.4	159296.9	118522.4	1036067	16271906	89492786	0	10503819
803770.2	982920.9	8122.201	34872.11	49266.8	444177.2	674555.4	127321	70206.52	355979.7
780961.1	412295.2	228361.7	286479.5	270872.2	906241.2	831075.1	1410954	481193.1	599566.4
16228888	26700616	8459.19	17836.93	63020.76	200007.2	6054272	63243779	10245.39	11175619
3007913	2537237	39212.2	6332.51	61119.81	685084.2	5333569	5756926	969993.1	2841536
29520428	28443480	2763150	2921102	5702990	31936010	20562510	13628102	3791835	9368950
2833433	2847966	381774.1	156853.9	4159145	161235.3	528653.4	3597212	0	7352594
30069326	45117927	307372.1	192926.9	293719.4	354139	21884644	1.09E+08	0	16917189
137991.7	196256.7	6474.492	12978.73	32446.56	1703190	5004072	0	10651.74	51412.54
451134.6	494360.4	30401.7	88608.51	91315.91	273711.6	364633.4	123517.3	56231.91	138062.9
2874515	2608890	0	5188.397	55820.43	1875714	4122177	6176834	567323.9	1619996
494578.2	346996.9	2559.274	3823.999	0	32411.99	984044.6	943179.7	26530.42	496145.9
5486476	7658528	0	14035.94	0	141149.1	5407894	18503603	0	3041013
6353498	9084665	168401.6	30270.97	0	79753.95	5687365	22042576	61294.79	5360605
578643.1	415508.5	545050.5	386396	1248603	6619114	1386063	747844.1	69457.11	218521
652784.1	315602.1	64769	16395.31	91296.1	1239379	266029.3	976976.9	305684.6	509712
654489.1	739137.8	60043.74	5358.619	11062.15	107111.8	885116.2	1896086	5141.388	263325.1
16118700	25812642	25637.62	46815.31	1648810	182079.7	6531572	61616868	31821.05	9268286
108503.2	82669.59	2680.669	0	12044.67	105250.6	145324.7	124651.2	36559.72	36766.66
24246063	32680928	341483.7	238487.8	485870.9	613764.4	25853050	78083872	4592.121	8962117
448471	565126.6	3217.926	5615.775	21617.77	229523	375485.8	135831.8	11162.75	120510
2639824	2296378	1901621	1083566	657677.1	1940411	1133680	6656362	2090491	842209.3
1593156	2039313	58199.4	109357.1	510167.3	530188.9	1032390	1966846	34731.57	18639.44
1276102	1227369	185697.6	243068.6	163837.1	1032880	1194317	900234.8	93571.55	527839.4
234315.4	200347.1	343553.4	445106.6	344619.4	431355.6	199440.6	121520.6	177079.4	150916.5
2028196	1493776	278476.9	262188.1	599820	2326300	1992444	2011815	209754.2	938116.4
1027364	1175830	0	0	9996.723	398705.6	1272693	2950313	33086.46	116492.1
39171712	64430942	0	0	103521.4	187810.3	15900431	1.53E+08	0	18872480
213209.6	118433	327346.2	68287.64	214660.9	812068.3	466197.5	283460.6	123234.5	138267.7
4215694	4170840	1556031	1473515	3533035	40101267	22786100	1678506	4363243	11377639
1995251	1314772	177246.2	85366	479095.6	514526.3	3600897	3120726	805784.1	598429.3
387841.8	221476.5	3692.189	0	20047.57	750723	145483.7	704498.5	180422.9	175756
30170560	33561572	1604664	1235876	3941466	22426261	25563393	16571950	2661717	9539980
35274559	32849991	709861.2	287591.5	1481087	10925775	56874011	85903098	7711813	36104039
1988479	2068231	4752.495	0	38918.46	674204.9	2895461	4895145	0	653041.1
679192.5	980852.2	3027.505	11120.03	4588.457	74205.38	544769.2	406278.5	5783.131	435795.6

405811.7	581830.5	25062.42	12783	124252.9	154986.3	92506.59	1332861	0	12840.67
14444153	21348407	5977.042	3699.015	46124.9	176761.2	11905818	50894956	0	5293286
1144453	649811.8	553754.5	202589.6	550978.7	608782.6	1625841	1415631	348678.3	617523
1376879	1073461	142278	80201.36	320333.2	1623436	1343791	1287823	116970.3	612627.2
74055.86	48772.69	257336.6	318640.5	88860.92	72622.32	10084.09	152764.1	83893.12	44973.67
930717	1170556	0	0	14637.66	247411.3	1030414	2887867	0	52211.14
5827654	3643157	1608442	984884.1	2216888	1263776	9703257	9321956	1600644	2338892
17377545	18213938	6351543	33032148	1.84E+08	29025556	35924835	46829606	462429.4	7585308
753064.5	679951.2	39293.18	34523.27	120195.7	671146.3	846391.1	397530	99419.31	292481.8
968533.4	639782.4	2566.123	3776.973	31362.83	52131.77	1960104	1342396	45741.83	548457.9
506991.2	293632.6	2464299	3847930	544234.6	235693.7	68578.53	69356.74	512853.3	422728.8
108920.3	127726	0	0	3521.655	50088.69	121687.5	330021.4	4000.171	46307.37
789223.7	493946.5	37701.34	7887.675	77180.28	902378.9	1070065	973812.1	202242.3	432551.9
55199.88	54704.31	31993.73	31209.67	64488.85	228964.9	221560.7	0	18267.7	46824.41
612301.4	521633.2	54039.73	53562.75	38275.93	695104.1	608349.6	505917	92924.28	165967.4
1.04E+08	1.65E+08	152977.2	88529.05	1211051	2439836	56542569	3.95E+08	0	44089704
353187.1	312823.4	8618.985	2891.643	0	13222.15	648096.3	341571.4	77158.01	266631.3
1124791	841643.5	93894.87	30296.34	269967.5	538505.2	1814286	2097776	216425	263510.8
13935892	8024350	2252485	756132.7	5016204	17731592	15203244	19216358	3511953	7029780
371896.6	504767	0	5354.288	3541.862	89239.37	337654.4	62760.42	14137.2	87691.24
414181.3	516902.4	648896.1	1146769	3880102	190491.9	476263	1300210	12373.14	423458.1
11337987	15080335	129307.7	226690.1	1142096	500905.3	11826733	35929468	0	3430427
101217.3	115253.1	44907.46	48126.92	36611.17	19641.26	37105.52	55180.83	0	25971.92
8528376	14156100	6944.376	0	123889.3	0	3238840	33506480	0	5318473
1033931	997684.2	178295.2	236656	300050.7	791647	835948	560366	241089.7	492141.9
109850.6	90679.98	0	0	0	43972.66	190124.1	249238.7	6315.37	77253.22
4375358	2822135	4963.487	23336.15	68545.77	850004.5	8691614	7167096	600231.2	2435112
1142614	1315371	139901.9	196031.8	246982.9	693759.3	756859.2	520481.5	200158.2	452545.2
3059798	1937466	7295.093	0	0	131814.3	6312379	5391069	296894.7	2123551
5396654	7920505	0	4895.109	0	38190.39	4686752	19099746	0	2970712
492931.8	369208.6	102741.8	50421.4	101346.2	218745.6	769321.5	1016258	28414.66	344478.6
761818.2	580551.8	55706.94	36216.75	141935.7	888356.8	822153.9	671075.2	75788.21	367755
85684881	1.38E+08	118668.2	29722.42	752680.3	1791720	43086754	3.28E+08	3855.048	36725347
82893516	1.34E+08	67288.37	56196.87	1314792	1220606	40840828	3.18E+08	3946.616	36145572
3464973	3037980	188896.5	160742	544703.6	3644368	3551349	3018983	56155.39	1173273
315222.1	361185.7	339599.1	105086	537686.8	1511253	765086.5	405535.3	9723.391	76306.25
138000.3	144846.3	38959.81	95480.67	70663.13	62048.49	19022.8	269394.4	14622.72	32066
1844674	2317884	76998.32	90610.21	244362.4	1005082	1314104	648076	100532.9	644759.4
1650863	2111292	858967.1	444171	2449233	9186667	30002349	404726.9	5233033	114676.2
713157.6	814145.2	0	0	0	263385.6	913315.9	2018713	0	52976.65
16245420	27367813	0	0	49075.19	511838.6	4966916	64537560	0	10923115
6087993	8463811	39771.91	8783.949	795916.2	1305750	4651656	20635745	28481.1	2318746
426061	307404.4	115106.6	11465.87	257124.3	85584.18	640642.3	910594.2	217585.2	162424.2
80907882	85005885	1040146	1099819	4259296	31353404	1.12E+08	2.06E+08	794139.5	47710146
2.08E+08	2.82E+08	2743036	1361040	3467633	27621188	2.08E+08	6.97E+08	363837	1.19E+08
206079.9	286339.8	33075.6	17486.61	105682.5	3269552	12515652	7397.135	0	66948.05
697945.5	957956.3	33695.62	17512.26	75640.34	293065.1	407645.3	215715.5	37113.33	171027.4

580004	209208.4	194440	334372.4	300565.7	738456.9	555419.3	472839.2	306910.2	618060.2
219913.4	195367.9	120277.9	135099.5	107577.7	140339.9	53686.07	113716.1	21550.13	112587.9
18444668	29481633	4260.373	2600.411	448873	413452.5	9670717	70314295	3598.329	9114431
365860	260057.6	75946.07	60957.66	159389.5	29302.05	601069.7	122162.2	223759.4	314680.7
2949576	3551083	77627.09	77899.82	748208.2	1391367	2480853	9065187	275600.3	699940.7
451734	410732.3	677794.4	719642.3	5390999	284288	1080564	1114784	3123.494	315303
8040358	7354364	1137149	347992.9	1583766	3587222	11204078	20098155	37765.26	6470465
141657.8	151918.1	0	0	3430.271	16451.37	220996.9	206216.5	5804.86	107477.7
75069193	1.21E+08	525097.6	300656.6	969026.2	1485005	38169871	2.88E+08	0	35021571
2744798	2296830	540124.9	249089.2	487407.6	854455.3	4261113	6663369	730423.8	1582243
44235030	71547677	57725.07	4730.594	703025.2	723287.9	21906024	1.7E+08	0	19196749
281966.5	259608.5	20520.83	18985.31	16386.41	192419.6	372257.6	610532.8	0	89197.72
6238907	6614730	0	4422.351	0	345661.3	10165306	14303498	0	3788470
1117865	757917.4	9476.122	7929.263	75351.66	687216.2	1934783	1607150	123255.1	529127.1
2275062	2163314	176914.9	87278.81	909727	650076.2	3075362	5597892	217749.5	640860.9
532186.8	682956.6	6910.213	29098.03	212566.5	7730436	28038389	78203.35	40525.57	179402.1
398111.5	159532.3	191827	221095.8	276311.4	482725.6	313566.1	209197.8	344727.2	392238
29397254	47511793	24556.93	0	416661	275237.4	15048866	1.13E+08	23522.1	15515868
1.17E+08	1.73E+08	109796.6	6213.584	244501.2	11657872	93739305	4.07E+08	441388.4	7199220
46679745	74264307	118328	37793.2	524534.5	1826839	25695844	1.78E+08	14014.31	25845918
3273103	4237161	208755	265825.3	437801.7	1572189	2123429	1113752	322179.3	1119862
468720.6	318612.8	2992.282	0	6633.915	17007.52	954455	961749.6	98361.29	320575.1
403650.6	496378.6	9676.929	23999.79	38634.36	233253.8	322210.4	106144.7	25154.68	78759.5
112396.4	65545.46	5412.257	5698.006	14608.14	196266.4	71577.6	208853.2	80471.48	62521.05
31100538	51889493	0	11374.81	85120.53	158529.5	12357276	1.23E+08	0	15513017
1070671	781383.5	3258.937	5292.124	103721.6	110006.3	2074707	1991133	47503.62	530847.5
1032535	709002.1	645633.8	866722.6	739647.8	640341.1	279919.3	1386799	27598.24	549978.4
22498838	37036563	30803.55	0	0	300331.5	10122425	87922102	0	13202612
5513710	3730599	737091.3	125762.3	1121903	9746409	1916416	9974004	2348072	4313594
58135523	90198068	640744.1	347225.9	1272003	715142	38166433	2.16E+08	20835.27	24808466
14198702	18936414	0	5764.408	289725	267313.3	16528187	45138792	0	6049154
480272.2	269691.5	248408.9	207779.6	677384	3028946	1521071	743820	175865.2	391691.3
1900704	1128855	179412	88326.46	539255.6	2400593	2217627	2440690	370825.1	1054223
62451003	1E+08	565514.4	220835.8	781342.4	995302.7	33467331	2.39E+08	0	30844375
13780326	17043635	2464604	2917084	9544400	2408164	4531643	43464211	230158.7	6624588
272872	394719.9	0	0	0	0	260648.6	970138.9	0	97788.4
19618460	28064609	253941.5	546343	1592432	9316096	9033065	69292633	202524.2	9661161
14876280	18055602	847234.9	395272.6	5428684	7428236	10208257	44222051	280138.3	3971819
529515.8	279784.4	6328.225	5899.63	70203.09	555781.4	815401.4	806691.7	123290.9	363227
485210.9	323168.7	0	0	0	175329	929868.7	688673.2	72199.34	300865.1
1268712	889640.4	251239.5	39521.05	326394.3	1380718	1480359	2403140	261412.5	502839.3
6207895	10374019	18612.14	4745.456	0	29728.92	2514814	24559782	0	3584829
1348463	292152.7	855593.9	1100306	1138585	1605304	1010882	1370958	1012898	1175434
604163.7	369092.5	173307	60874.33	173293.5	172671	1044720	1186364	227856.5	554819.5
76480.39	56607.87	114594.2	104963	70230.66	80609.52	228064.1	90029.95	21021.87	35335.77
398180.7	300727.1	57099.78	21518.58	56585.24	465256.3	433178.9	610891.7	76956.09	166849.5
401161.4	220071.5	120754.6	168078.5	196051.6	2317913	3382925	508835.7	244658.8	133865.6

634574.1	230612.4	240326.8	667806.2	985141.3	1157339	1579495	929913.5	329219.7	600615.1
101123.2	170176.6	19605.25	389583.5	152073.7	2049423	214856.8	74104.39	7765.925	0
2074872	1886491	1082736	1162515	606971.3	1444162	886992.6	5391333	1470677	665349.8
517156.3	343892.6	43181.71	29544.23	119476.2	650192.6	575456.5	691520.6	63796.32	244638.6
1151922	1467950	58822.45	21986.81	150480.3	319543.9	1108471	3668187	0	220725.5
14174825	22173432	71462.63	38835.8	470968.3	2971274	6513566	53424573	29868.39	7576401
599235.7	739484	34794.18	11070.82	62947.21	64977.34	716992.4	443363	0	102393.4
14630278	19466651	1221705	1574415	2286082	6400807	8174127	5027126	1783995	4415963
933852.6	688381.7	1195925	1207338	8228546	933447	1737747	1637314	22902.32	902448.5
168993.3	96666.45	79705.59	7002.089	23156.42	54505.41	294520.1	210317.9	25141.25	173452
733045.4	1341733	0	0	0	0	0	232232.9	0	220919.3
4981115	7523362	273263.3	564637.8	2229321	0	1234312	18146466	0	3526646
1289684	767651.4	186143.6	68306.7	418829.7	243726.7	2379362	2009292	439910.6	692239.1
17359510	23785101	7424.599	5469.89	210410.6	643471.7	19028458	57128770	0	7521613
203685.8	265462.3	4619.709	0	3530.025	227659.6	33726.73	164395.3	15026.32	13259.97
4913868	6389276	25308.99	58075.02	95841.26	1429430	5043169	16018180	0	4122835
13478314	21927156	111230.9	64481.75	378708.3	249829.7	6521508	52159487	0	5392921
6945659	9343305	232680	166380	452148.3	445318.6	7266148	23214719	96222.72	3899263
412080.5	492036.7	94351.29	104398.8	75230.24	237787.8	199945.5	81974.92	57509.2	148307.3
8124466	8117223	143972.3	81906.4	1542727	2995674	11550144	20447251	254718.4	6543768
439550.3	265143.8	55099.28	62713.66	177744	224831.3	714620	578861.9	9728.77	374264
2443524	2742047	176623.5	10121	122895.9	388763.4	3451219	6834653	65916.12	284907
1.76E+08	2.54E+08	440939.2	33723.58	471387.6	18885965	1.56E+08	5.95E+08	38687.09	11202805
71039.44	47871.08	2136.917	2164.458	5155.895	88037	88289.11	66070.52	16743.03	42323.77
41142.57	45094.92	42566.75	398694.5	156048.1	32235.14	20012.89	0	36714.44	116004
22619060	37239071	231059.7	26369.72	307837.2	767004.7	9915985	88471746	23751.39	11225541
665478	833593.5	193649.3	242724.2	37671.47	184579.9	385278.7	262834.9	238754.8	261667.8
14706607	22351977	0	0	0	2912200	9262425	52256380	0	212790.8
9548219	10678922	34762.15	75919.61	4144116	4827388	8734982	25561737	822677	3946375
1458904	1275184	188836.8	86627.26	215918.9	1522849	1482311	627994.3	346580.8	1237979
1343732	1841275	227922.5	117534.9	418188	845107.1	59576.95	0	42816.76	426347.2
17999564	23038760	223249.2	20130.49	238176.3	2926508	21292311	56018707	89184.34	11041455
18154192	29246462	7837.217	59656.79	2558672	474615.4	7755830	69826594	0	9941226
574074.3	550134.8	134692.8	147904.8	265290.8	431944.2	372973.5	359008.7	1530503	175259.5
1063306	1290788	31083.78	64662.16	108494.1	643766.7	879379.9	369648.2	45263.07	419074.9
101213.4	57130.63	80154.14	67867.86	88543.95	333043.3	329793.9	107441	27208.8	71061.59
1015509	823517.9	312127.3	522539.4	719625.5	5372490	6208940	1324524	244533.1	34717
13864977	22360219	13554.91	0	227865.6	486221.6	7468775	53294733	33839.61	8285933
17994461	22345140	3320.483	24110.26	36546.51	3492299	22588507	51862057	773413.4	1270621
11328285	8228767	3540954	2907240	10892370	66026337	61569342	21267274	868780.5	5043048
2206321	1131472	301788.6	104362.1	369680.5	4119475	961805.7	3649898	784141.8	1569075
530297.4	593952.4	11617.7	11126.15	55045.6	78452.71	751025.6	575564.4	13179.13	472504.7
3168380	2579018	242481.9	167921.8	674006.6	3565384	3295965	2602181	200964.6	1397694
17655403	25087393	693843.5	1193231	7194851	82576.72	10372099	60762701	0	9315719
487254.6	317858.5	154459.8	46499.5	185677.2	85069.88	823278	588815.3	75456.55	287825.9
320871.4	166015.7	86814.24	101787.9	224947.4	388944.5	272761.1	400732.8	173783	309467.2
3531148	3106307	174265.8	44710.68	322627.7	860120.3	6040921	8829166	819569.6	2387198

35656248	58188263	0	0	0	846858.5	18564292	1.38E+08	0	20063640
183057.3	146784.9	68773.71	80688.74	329192.4	721942.8	551431.8	160284.4	16834.03	116759.5
749230.7	404860.3	0	0	15667.69	596287.9	1324141	1088221	159739.4	494015.1
60942.52	46398.28	21359.3	31837.23	156440.2	1375030	7546052	48777.18	24594.17	13120.26
11856860	17879907	17235.6	7689.882	0	635042.2	9468537	42460243	0	3958907
174015.2	103558.6	43820.81	28997.74	16262.18	77646.54	303591	126259.2	90002.81	147954.6
364736.2	222780.7	10981.75	4338.056	22488.7	478034	460615.7	399009.8	40683.56	315877
468173.4	370883.9	22488.1	16994.25	384820.2	3161376	3935394	1028673	22661.49	407977.5
36768390	58176723	422448.7	388081	1177264	4699283	18614981	1.4E+08	1324007	18517163
463049.3	380266	47646.91	21364.06	83094.77	571292.4	427580.8	782764.8	32550.83	68652.62
1191755	1194233	47992.37	51960.52	70718.37	1030676	1288212	769779.3	85183.41	411948.2
1644454	1219962	5482.693	0	3287.856	291194.8	3212264	1524295	378029	1513943
5284719	3786478	985644.4	242867.7	1502434	5581480	6192215	10077130	1137661	1969619
129527.8	94532.78	6046.597	8381.917	58487.35	87037.31	184596.1	148931.7	7457.329	78553.32
529417.4	464535	18173.68	0	10838	462986.7	709240.6	759645.3	93035.57	186325.2
3711861	4693896	105921.6	107104.5	153222.5	1468387	3662086	11425973	337442.3	1226565
339847.8	213449.1	0	8049.495	6200.513	0	711722.8	666865	271728.3	243464.5
113859	54876.75	8255.215	11407.66	44465.2	125317.4	157950.7	177237.4	77466.85	83747.61
11688289	17535709	0	8902.401	0	114954.1	10077313	41770969	0	4053584
6593131	9123405	912745.5	436193.5	2385408	1041169	3370923	22820244	912067.4	3230328
52382.97	41557.65	47128.5	51302.97	66115	1248062	256374.2	88098.01	24821.94	0
413473.1	398576.4	0	0	0	29105.97	736236.4	194940.3	108321.8	84083.41
6144704	8978160	0	0	0	318595.6	5650914	21500160	3952.393	2632697
305282.6	341249	0	0	2890.894	402334.6	131684.9	301814	52570.71	203235.5
2218846	2699081	2593.232	3548.941	1044143	964879.8	1651250	6361178	90211.7	764723.8
4242645	3778983	1004701	559898.1	2194449	174694.5	5926537	3269957	607749.2	2495644
24337863	33804778	0	85176.46	120027	496799.9	26725210	80314423	0	8485768
17198896	27991866	89693.63	5171.534	95597.78	133242.1	9521588	66585434	0	8445117
937847.9	189729.9	320286.7	1092183	1374373	1593941	2259904	1151163	654293.7	939702.9
8186678	11002175	181110.6	28060.79	110350.6	104889.9	9622747	26407400	0	3687138
1.34E+08	2.12E+08	1142808	632194.5	2308284	5596038	83380528	5.05E+08	0	49373227
3708348	5422312	21504.78	5353.967	0	7532.592	3547809	13063218	0	2006501
73687.78	43091.09	37447.77	7704.08	132089.2	6925.334	10663.48	74989.04	6918.711	64614.44
16544153	24825612	19517.73	0	22673.07	275465.6	14252904	59007407	8942.237	5577228
11634198	17187649	126744.7	0	0	1283950	9644730	40943312	4358.346	4105059
312571.7	232602.9	271422	322752.4	174931.9	1407676	871304.3	434273.7	92081.18	135348.1
215241.9	35919.53	127346	172017.4	179025.1	246132.9	208099.7	243721	186587.2	255305.7
3211345	2754200	296892	315733.8	1071440	2511949	3785570	4099109	206756.9	825533.4
10762997	16172165	39580.77	0	0	119088.4	9298476	38471176	20456.86	3704928
19873170	25803599	8831.55	29229.78	120195.5	1109700	25066392	60371554	0	7104663
1.06E+08	1.4E+08	3073527	2245396	34675438	6766637	97018544	3.27E+08	0	23508075
550256.3	344517.5	202921.9	68072.4	116738.9	265907.2	890829.2	676530.4	156519.6	225923.3
25726378	41011982	137914.4	219695.6	1433074	160929.5	15244564	97908042	0	14509371
2232318	3137683	48769.9	29579.76	222618.7	127399.3	2096629	7651464	0	1739121
33997411	18292117	782608.9	389288.8	3854939	8009079	68706621	55206461	7098910	29690235
10735651	16186502	0	0	113981.6	237986.6	9042198	38489248	5049.065	3651151
616397.6	539332.5	365897.4	364964.1	347788.2	2688343	4222055	974673.5	92575.49	401670

12422664	20830238	0	0	0	218393.7	5528162	49210708	0	7517984
20474105	28017743	121628.2	242407.8	2167770	554551.8	21672396	66878315	0	6894117
4634784	3276453	76792.01	85753.86	100598.6	2368610	8356711	7671060	469290.9	3012956
63879.13	68569.76	41409.24	39887.25	205019.6	291285.3	76716.51	64875.05	9653.89	0
71734223	1.33E+08	44783605	23850994	92627123	4.11E+08	3.61E+08	170171.8	51850974	162245.6
1251597	781524.7	46470.45	144848.3	339387.8	1590766	1434598	1599461	214979.7	651540.7
395615.9	355317.1	6393.001	5022.625	36838.39	4787142	17155229	720717.7	59679.46	245405
8442818	10958156	109075.4	118910	864888.5	418653.9	10029578	26595699	0	4311397
1835609	1153805	252681.5	105396.7	614786.1	2459207	1847678	2547260	381373.1	789811.7
127574.9	107497.9	34407.23	17347.65	32887.33	115854.5	129578	89628.68	37551.85	91415.59
6626509	8449287	45666.29	0	891925.7	878674.8	7715118	20754214	127028.7	1640439
11370927	19072934	0	0	0	119086.4	5244978	45053539	0	6935628
51421827	73555530	150909.4	0	394560.7	5091478	49526864	1.74E+08	0	3499982
5968118	4149537	33249.84	22101.48	94513.98	3245436	10801788	10285381	2066391	5805281
124095.9	70326.62	82735.93	130624.5	109213	481013.4	286871.7	125270.1	32485.6	78334.48
430965.2	323048.8	52754.16	203554.9	77968.05	176502.1	636077.3	557879.7	50180.82	192552.7
21623061	35107617	210640.5	127227.4	900478.9	554458.9	11529896	83548022	0	10526966
2.04E+08	1.18E+08	58690936	40997514	1.51E+08	34616673	3.15E+08	3.94E+08	78949176	1.79E+08
685017.6	724258.3	4763.198	4615.051	56928.62	92915.74	1084003	1887864	264826	481202.3
675362.2	823097.4	0	0	348503.9	273431.3	507136.4	1890856	23666.9	234908.5
1265224	635138.9	207530.5	171127.6	572230.9	438813.9	2241735	1846917	403372.3	869453.6
702528.9	931986.8	1253830	2888906	7237502	19377.69	260344.4	2245111	44181.55	924024.9
40882.42	57236.2	479802.4	2769031	107627.1	22001.16	6634.552	0	29743.05	141479.8
377764.2	582686.5	1160420	1461501	7569657	101020.8	68624.49	1401263	0	235995.8
867468.9	1416258	117138.1	203282.1	106148.1	25036.04	86155.36	60972.72	3348639	742551
396195.2	84751.55	46467.6	49850.17	72977.45	752734.8	235054.9	316639.7	427567.1	334233.1
29763521	49313003	0	17124.1	0	657577.3	15430396	1.17E+08	0	17601813
16061636	21738448	52007.36	35103.63	187798.6	990103.1	18698934	51146442	0	4608134
7099367	8268569	82935.69	70944.72	55827.49	739189	10483956	14419354	204577.2	2032522
3457903	2177036	0	5197.577	0	3866947	5130200	5525875	530092.7	2252808
1810437	1589325	30139.31	33144.37	280829.5	1594282	2317049	1411261	73106.81	870368.6
566256.6	856288.3	74663.65	93935.71	90508.12	124020.9	153986.6	133099.8	73137.65	70792.69
168605.1	163132.7	102530.7	69196.65	160934.3	827050.6	708751.7	254513.2	24466.49	66301.31
13517449	20572935	0	0	0	329893.9	11408600	48787714	0	4229811
5683526	8716686	46403.13	8846.954	0	291365.6	4469917	20889675	24555.97	4466624
586069.3	370829	62886.91	8942.039	216875.6	136115.6	1071174	594110.8	295271.9	202539.9
11173498	3927112	5873911	95912624	25744688	10599471	17070487	11348735	5737716	14289009
127264.5	202535.5	348270.1	169460.6	877669.9	52267.1	163270.8	485681.8	0	55649.52
5941626	7177547	260142.2	221640.6	643873.9	4236874	4694349	2931345	423270	1661350
27570311	45527366	15902.8	8544.809	58681.01	770085.4	14700737	1.08E+08	0	14063986
117390.1	95471.33	35236.97	6102.998	52399.8	20126.22	177903.9	193579.7	8111.657	24546.03
16900561	23941645	12056.53	0	185475.6	566187	18037303	56692187	0	4843250
7573822	9944472	1222046	762476.9	4038406	200288	4814840	24589123	24356.63	5042990
12876819	19318261	15937.45	0	0	197600.6	11685445	45898992	0	4108047
33645253	51363736	4007976	2141923	2477084	4522754	17430113	1.22E+08	609727.9	172430.5
6760496	8119215	102309.8	70047.06	1338855	1804865	7912190	20696727	1343021	2445168
72921512	1.22E+08	146529.8	84225.12	1011034	2311883	35326760	2.88E+08	47060.82	36376425

16555495	30828420	101865.3	128057.5	32803.99	59129.87	162553.1	24300.76	71405394	7900913
42981508	62074159	147892.7	145589.2	652745.8	1467495	43106296	1.47E+08	0	12404529
72481189	1.06E+08	7592030	2498788	23929798	1100160	42034545	2.55E+08	37558.57	24272722
21820360	32241123	22134.36	32819.64	76632.96	713805.6	20620801	76483077	5945.051	6276088
539790.3	808871	114712.6	124098	128843.7	99724.94	73268.1	15522.5	1892830	697437.1
13089195	20929402	277230.4	44244.8	208366.7	786672.1	7971259	50189934	0	7560540
242674.8	208487.9	0	0	7760.808	93588.96	423175.2	344809.3	49939.07	314779.8
8159398	11556583	0	0	0	409573	8725088	27577400	0	3347803
5615120	1290826	4205730	5580191	5693988	3345499	5173468	7777044	4350157	5030358
1133045	2119540	0	3562.029	0	4656.796	4538.667	13816.19	377304.3	4911798
20276822	28399641	1545055	2396454	3055416	8205351	10150952	6244183	3051495	6010449
9139909	12087211	8355.31	31052.29	7652561	2016113	3256547	26480422	268789	1283677
847445.4	651876.5	123951.2	323873.9	352230.5	621076.4	961950.2	1227477	68936.29	319533.3
3128745	3363639	544215	90387.44	362593.7	680018.4	4323683	8566091	173835.3	892672.1
25597768	29304290	281253.7	135516.8	768542.3	18742755	26323712	42170726	3638500	7273985
18549701	32241768	15619	0	0	228041.5	6447901	75737066	0	9082062
432810.2	445260	69268.45	103700.6	82828.87	310003.8	381515.7	208659	72929.09	175704.5
1948106	1632302	1066872	1492217	1211646	1134975	430332	1800864	521811.7	790807.7
415851.7	286277.9	33956.69	14773.2	78295.19	772116.4	112672.6	834842.3	133726.4	261456
212991.6	322220.5	17393.19	20644.74	110844.3	3072370	14317692	17550.24	8014.646	106977.7
2517074	2047261	448201.4	94163.33	1328168	767942.2	3700632	5696684	299820.4	1223586
4507855	6804457	20234.65	17502.4	10108.45	174663.9	3936383	16425304	13958.19	2265206
140422.5	55973.45	196250.9	221485.3	36521.8	431654.5	205707.3	219443.7	155647.9	108099.9
23504221	37352909	192082.9	109396.5	733025	676721.1	15705050	89201191	0	10307911
6014372	8483086	422182.2	601016	833814.2	2425979	3123021	1877017	694148.4	1695147
35577479	58885512	18669.52	5168.696	231119.4	858702.4	19464131	1.4E+08	3473.659	20175478
157070.1	107575.4	21183.63	2714.196	119356.6	991639.4	1235447	307891	14595.14	131376.3
191656.8	221243	11342.48	26577.78	19246.35	177228.1	119666.3	106786.8	9002.758	63166.93
398951.4	587376	35793.51	50762.2	16840.07	37396.37	280212.7	179176.5	10807.14	70516.63
135734.1	119542.9	35528.27	47839.24	61606.3	114839.4	95316.68	327820.5	49295.04	42675.94
29174244	45376360	513553	158915	357584.8	322684.5	22605327	1.09E+08	0	16732546
12561211	22186487	0	0	0	0	3789877	51764187	0	8469521
242940.3	215894.4	19852.07	5456.122	89273.43	134710.5	330987.8	452869.8	26092.13	6724.448
2504731	1315299	494757.1	270516.7	1243025	1880766	3829795	2291763	604289.6	2123193
5292769	3338625	363597.3	534898.2	832366.2	2741965	9408392	8266769	760614.9	2975058
686762.1	1535647	825143.4	1591875	1481663	1670560	2020337	0	0	0
31225582	53120535	12944.34	0	108368.2	597141.6	13971765	1.25E+08	5145.997	19364598
1.48E+08	1.92E+08	663442.3	850965.8	32825433	6517560	1.69E+08	4.51E+08	12269.33	29025982
98623523	1.59E+08	162814.1	18547.43	730265.8	1730086	66539081	3.78E+08	0	40859156
37498029	70451694	106826.4	149574.7	165361.1	127659.2	97743.04	756542.7	21788459	1.62E+08
451437.5	356403	325313.8	377926.3	98839.33	196887.5	291492.3	1080798	323789.4	229925.6
7477651	10170592	20746.92	112710.2	138838.7	1320600	8064202	24360506	190233	1983009
4.64E+08	3.03E+08	60348065	17524286	3.12E+08	62339490	7.8E+08	6.48E+08	85858462	1.96E+08
9444415	15910357	18049.78	8342.343	0	383074.6	4516479	37606879	0	4500216
2741238	3513134	333331.9	497171.4	589466.1	1316897	1609546	1110922	507460	926554.6
235756.7	164427	3813.461	7041.598	154028	1650514	1863512	496217.2	219374.8	98027.02
11646606	17489059	10200.7	49395.81	77226.74	846764.4	10231822	41592725	44812.84	3602104

156114.5	180613.2	58851.96	76297.67	340545.2	2175265	491280	155824	14051.16	30240.88
7410180	9097989	53549.61	36425.24	356959	521459.6	10366379	20040755	0	2083473
524203.4	361292.1	787215.2	464743.7	3210557	63662.76	1430116	1164429	361610.2	316363.6
23059090	37069371	224701	115276.9	319447.1	419862.6	15360617	88348256	0	10452020
366626.2	262906.8	43449.17	81737.78	103566.2	76606.91	632946.7	656643.2	39378.68	260705.4
4336195	7068717	0	0	172163.2	97441.82	2595502	16845807	169547.2	2138260
14932509	25012240	97441.37	1912.995	0	317355.8	7770491	59036580	0	10069847
519161	412109.9	219225.2	184522.2	1195140	4006092	23618392	428157	87744.36	215538.8
9884247	15991553	49283.54	21172.66	18611.38	285611.2	6428065	38027819	0	4208395
56899722	35857858	236829.4	90604.15	962745.6	37905230	1.03E+08	89867911	21522770	59561746
701629.6	544962.2	350525.7	214449.6	1125432	2869241	2193655	1276677	159338.7	346540.7
15185061	9758607	2725128	1934541	5720232	5038450	25999488	21810278	342679.7	12000241
11319494	17855249	206748.7	212436	1040792	324626.8	7254036	42813840	21477.49	7729943
24820368	39074637	352531	134068.9	1191909	559235.4	17602536	93290648	0	10887762
299445.6	189786.2	94341.06	123780.8	128731	58609.12	468510.4	430816.4	84189.72	159782.4
111236.4	98960.92	18971.88	25225.15	0	52471.85	164088.9	272712.7	10894.05	57809.4
1890242	1144581	2678.037	0	0	1909786	3042274	2881507	220649.5	1346898
11296021	15542024	216298.3	69494.72	442111.1	300366.4	12968365	37221009	3831.728	4172593
12795970	22030027	51678.93	8453.322	0	375847.9	5164493	51745258	0	8293279
25942068	37384757	2294909	1414059	10063701	89912.07	16254532	90136853	0	11610363
2.12E+08	1.37E+08	27610402	8008583	1.46E+08	26603832	3.56E+08	2.95E+08	40126632	90014846
87846581	1.02E+08	4860298	4135150	11801096	65842396	74515432	46888946	8399900	28552100
12681320	21143192	40571.21	66926.21	438422.2	1322824	5517719	50021857	33574.23	8557999
344436.9	513084.6	9750.989	11541.26	21070.13	128161.4	188293	90059.25	18132.66	79084.79
14761373	24848273	0	0	237518.6	355279.8	7338267	58675086	39119.3	8767825
124125.1	114330.8	97052.04	131192.6	128288.5	316477.2	358028.4	97312.15	50186.94	14603.82
2510340	1893087	90416.1	28708.44	3323614	191736	2767318	2181258	327350.5	1146042
40947317	56467785	29231.36	44414.14	493450.5	1697683	48039910	1.33E+08	0	12291377
1121490	1135518	64932.75	32181.7	24102.16	117743.9	1895705	2305902	83783.99	482000.6
789531.2	434572.5	101156.2	59599.33	232719.4	909756.9	1059656	1222624	209512.7	491615.7
4170190	6852821	11924.91	13416.07	46888.65	237076.9	2367318	16253990	11587.4	2609304
13764164	21624840	59891.77	26044.69	458723.1	251428.7	10383748	51813876	4414.097	7327588
45514687	71639834	171051.3	129941.7	1034056	1089703	34265553	1.71E+08	0	19926744
118499.1	95967.11	57179.1	44107.61	215236.1	1188920	349184.4	145460.6	4311.15	31475.77
1409795	791724.2	286361.9	161804.2	899968.5	676682.8	2219135	1469094	386088.8	922594.6
17463736	23232576	1818399	2649509	4074312	7394971	9828839	6202598	3404435	5595271
9004344	13869536	59300.88	44163.9	1008491	221000.9	6752997	33338712	0	5890924
10301504	13376493	97437.37	9687.074	52436.75	271192	13826324	30970098	33146.06	3337830
23911110	33993570	2115883	3251627	3706978	9106025	11467394	7377271	4035833	6700025
1.53E+08	1.2E+08	34043465	11095125	69721876	11145600	2.53E+08	3.2E+08	31455732	59252731
12272596	18941642	4266.129	2610.132	450723.4	412996.8	9957093	45524740	3598.329	6918310
774840.2	433179.1	101269.1	52824.19	216953.8	894034.4	1040388	1241497	199215.1	487182.4
7704269	11099745	594339.9	884266.5	1136062	2939498	3623618	2445008	1106542	2013599
1699284	2424203	25695.29	26569.77	57822.93	332703.8	1557154	5706178	50143.29	324491.6
700711.1	803263.5	208887.5	312989.8	143415	569048.5	129092.4	897885.8	29845.57	112259
49455031	82299458	170712	122623.2	838001.5	770820.3	27614016	1.95E+08	0	23959684
2585292	409356.3	1766360	1858252	1892838	3134320	2510448	2795105	2149553	2525837

740792.9	725164.7	2846.555	0	42083.63	902725.5	655919.4	1722454	6666.826	52675.3
2649020	2784165	83792.54	26500.91	179519.1	1050663	3856091	7247924	579413.7	1014256
290836.2	227388.3	47473.06	51000.77	59329.69	278060.5	348351.8	184853.9	81162.54	115753.6
705965.4	723565.9	330389.6	48717.51	155306.4	703338.3	332041.3	206202.6	3693.941	1370973
4055869	3286854	514911.3	171349.7	1278185	5274939	3301597	3540376	671948.1	2310248
682196.5	280883	6892.274	0	22645.6	23962.05	1512810	599806.6	263782	666551.8
932265.1	558223.4	355671.9	148107.8	434304.3	377852.5	1470792	903286.8	218852.7	580173.9
33517915	55529130	71538.01	39059.56	470943.6	1771082	18572195	1.32E+08	16174.92	17842165
203634.6	202982.4	67171.12	24057.22	198281.2	1644403	987103.5	523478.2	64419.63	115413.9
3023506	2575072	195921.7	173208.1	523678.3	3361482	3271058	2404098	276127.6	1037267
1687200	1836995	168333.5	124354.1	641380.6	904269.8	1635983	4750661	230469.1	303719.2
159058.3	75497.09	23275.99	44422.76	63346.07	164951.9	220409	213519.7	183588.7	70150.95
23691776	34310836	26867.67	0	260402.5	1128070	24722199	81078432	0	6370283
35452600	21008956	1271541	928797.8	5062486	28595459	60134260	52121295	5428509	21574244
459742	857128.3	5362.794	10232.03	4135.919	9602.324	19341.24	105877.1	0	140150
16026639	22175224	9012.543	0	0	886508.5	18949455	52518929	0	5106353
3213515	2016722	90719.23	12496.19	386056.1	1314050	6165950	5291857	475776.8	1776572
1069672	869706.7	0	0	9634.995	387149	1971071	2020377	272343.9	1125392
10411522	9087335	1449903	273506.9	2449249	5120543	15607864	24681729	67387.63	5993499
537572.9	483736.7	46414.93	26215.04	94973.35	759506.6	339316.7	1096180	35165.15	50391.62
1.61E+08	2.63E+08	477055.5	122570.4	2928436	6487135	1.01E+08	6.23E+08	21144.6	58493791
2318666	1582542	13123.12	0	35074.68	1345311	4256571	3888422	807980.5	2627736
1340072	627179	307576.1	308135.2	475519.3	1443653	1835969	1923416	652433.5	794225.3
140562	120321.2	67292.37	58198.72	227434.8	833722.5	384189.2	147322.8	5941.344	41603.3
31640950	40606314	5032352	281817.3	14155946	4272864	26388686	99865746	200000.6	18907069
1441703	1959352	10035.16	5029.433	60482.01	376635.5	1489743	4845978	12690.8	255337.7
632432	410089.7	78772.04	183600.1	225987.5	778980.9	635885.6	1259497	199003.7	360851.8
19416626	13798299	4453183	2587943	7221415	6150956	31814578	37849506	4040072	7608517
432549.6	321543.4	266818.9	128625.6	121114.7	517716.2	228022.7	367691.5	289201.5	995253.6
20987424	30189273	3854.907	4204.847	223411.3	1101289	22433687	71364201	0	5986080
7892363	11625275	93156.5	0	209429.8	165832.8	7891170	27963237	0	3734014
11085178	14397366	53863.77	39808.2	283154.1	286053.1	14932076	33656439	0	3999044
371409.9	370131.4	2114.013	7554.099	109760.7	442552.1	257839.4	981213.5	9571.1	191720
3934441	3095142	1171113	344113.8	1352801	1121223	6160426	8436426	391063.5	2677064
2087757	2473552	24095.79	2292.606	51320.73	989114.4	2553045	6281113	31968.29	1598095
14470413	23552521	0	0	0	159689.3	10058803	55782361	0	11191729
830538.7	562956.1	0	0	0	830538.5	1301074	1443774	99160.09	530237
684950.3	836331.1	215947.4	286852.6	240291.1	410111.8	74258.53	413469.1	49731.39	629165.8
48495092	7495416	28236807	40076389	36708619	59294456	44393502	51122897	39261856	44467907
1120774	728366.1	146871.5	68476.23	464156.8	264288.5	2008555	1391621	153722.8	582299.2
122480.1	113998	116159.4	558858.3	340619.2	94904.42	88791.32	48418.37	110928.5	317796.4
773528.5	918171.7	99552.55	121304.8	139117.9	375684.4	689755.2	331803.6	135909.8	191292.4
665681.7	410332.5	311196.8	182741.3	157771.5	150555.1	1109588	429900.8	288939.9	777238.7
166072.2	123358.4	99887.02	113095.9	105938.6	632454.9	773147.8	321975.6	72150.14	99743.6
30570021	37067309	1482880	1333981	3802221	21901008	25101296	15463096	2641229	9290373
29583301	49882200	43246.87	92976.81	1854756	251325.5	14897330	1.18E+08	0	17027376
42049775	61108530	0	31002.51	425173.9	2003789	44210449	1.45E+08	0	12381102

13042323	22306769	0	0	0	152573.9	6601101	52439545	0	8555125
6065393	9088127	71097.19	5913.985	30114.18	220185.1	5822888	21987887	238646.9	2769298
7048091	7946830	1784004	512413.7	991052.9	1225570	8910306	19729861	76360.52	9777649
1400090	995958.2	653701.2	405477.8	2278764	12502255	4289731	2029123	66826.14	600419.3
355611.6	68089.64	241610.3	483557.1	783932.4	492522.1	330176.1	297753.6	314332.5	320790.8
5443578	3505250	384088.5	441580.9	2121511	4720517	7954457	8720043	206876.8	4551164
1493657	1107336	0	6763.082	15276.75	542861.6	2859990	2021878	304977.1	1966944
8382146	14565326	33416	0	222979.7	68161.13	3516671	34220143	0	4322217
1690659	1029053	347563.7	221062.2	1561836	8317546	13383115	1642378	339786.1	1075690
25577211	13521824	572067	235058	2934273	4874791	53377321	38622459	5156018	23666029
11011191	15209728	2881338	1490624	7701401	158529.8	2869951	37189924	0	6572746
47851442	69374146	293983.6	74492.13	864459.2	2309028	50421034	1.65E+08	0	13685632
269322.4	289437.2	0	0	12687.08	201576.3	323680	735973.1	9442.157	51452.78
753655.1	396303.3	215869.9	99158.87	376640.3	270465.3	1290303	1056531	193262.7	513166
119955.2	124563	9296.34	2475.792	4109.511	30991.45	188972.7	315624.1	6633.245	17202.27
2071527	2228215	116710.4	56242.61	307540.8	1767117	2024021	1128460	202515.5	765054.1
12804869	18356007	207210.1	133109.2	731401.7	557460.7	13421471	44959224	643390.5	8845904
1399064	766820.8	0	4433.598	9592.437	183258.5	3011706	2056719	306237.4	1369890
2279111	803553.2	303630.4	470910.3	116855.3	434976.2	4722196	3509928	1407091	1798218
31525985	52184292	148019.2	103769.2	794936.4	1103996	18913315	1.24E+08	0	11782197
1805068	2785928	467994.2	461592.8	538486.5	249914.8	49106	48182.04	6539290	2122594
302009.9	190335.7	184315.8	107178	209379.5	100157.4	367834.5	590654.2	79400.51	361715.8
561102.4	540271.4	23602.36	33813.32	64788.17	582253.5	576458	225703.3	70323.83	256392.3
342314	330542.1	50343.65	3222.27	76546.47	76305.11	534068.1	911908.1	93715.7	152929
39018230	56619399	29496.45	0	315801.5	2041042	41653065	1.34E+08	0	11134992
788072.7	765442.4	1641542	927948.4	3742240	239119.4	1173122	2134021	211446	570311.8
4574434	5271402	1068484	795981.3	2215248	2091923	2916414	5736519	29683.69	13207831
167368.8	150308.2	61797.8	79782.05	102823.4	3425097	938896.9	214598.7	0	45548.63
839067.1	214108.2	432355.1	400647.5	1020817	3361606	2401798	851551.1	469106.4	1000405
14561904	23450814	29905.86	2871.826	153590.5	310323.5	10813056	55856411	0	6767800
12499396	19584251	114446.3	108883.6	1124911	377319.3	9402050	46914791	18895.38	7208151
9847349	5787506	327570.7	244366.1	1382882	9426900	15858406	14257828	1600919	5877746
120108.8	73185.31	2492.591	1781.695	3750.136	120434.6	193414.5	194859.8	6343.748	102469.5
5375008	7557272	614886.1	836368.1	1017954	2104539	2615731	1856662	911664.9	1576717
22890719	31989477	2158290	3230592	4012863	8959659	12692964	7423542	3994445	6883485
561814.4	754909.3	10934.14	0	111028.8	121348.5	561994.3	1885516	0	223070.3
1775192	324349.6	1353174	1602316	1489626	1873772	1629534	2117994	1575563	1579151
1872602	1206840	15527.93	19125.9	144251.8	1232440	3380372	2587813	213861.3	1100259
1398301	526196.3	603034.8	539968.6	752598.4	1119022	2023003	1926155	584228	1271529
8501181	12573555	671167.4	973303.6	1230974	3241360	3696259	2445302	1113247	2361099
3713787	842002	2255105	3023644	2760497	4401953	3316388	3521946	3138991	3087178
2577568	3012511	1851145	2528472	13996216	1972843	7454766	7779683	71192.04	2154622
206491	229050.3	62250.46	15426.38	113483	34223.26	198227.1	603935.1	29973.69	78282.46
26227981	43629059	700022.8	223303.2	179485.3	4715993	11923011	1.03E+08	106892.1	16273267
929726.7	271723.2	478071.7	655483.2	577073.7	1145128	872594.6	781962.4	622754.3	917790.3
139775.8	140571.3	84206	192857.9	379953.2	1883526	144924.6	132133	62142.22	38734.37
46953003	68127539	0	0	301833.6	2184743	50941895	1.61E+08	9767.402	13162947

5563542	7312260	231154.9	189087.7	610000.3	3436482	4109026	2504978	421829.4	1468632
113158.8	96762.6	12919.23	2454.385	43397.18	52458.95	168602.3	115500.6	17859.47	55100.23
443437.7	433052.8	46012.14	38419.38	72684.1	399861.1	466574.6	221045.8	55664.96	118198.8
2633948	3571119	0	0	2355120	553838.3	854865	7839399	33980.46	305501.1
10581894	5317455	2441217	2962324	8013775	12185659	10590153	18552670	6597523	9926996
964559.8	946275.1	781552	452613.1	1963726	3581294	1800455	789381.4	106966.4	472944.9
2399203	2667018	127542.7	203176.3	65147.59	1409550	2897903	6680190	840720.7	721613.7
221167.9	263370.9	24360.09	40679.96	86836.66	105172.1	161038.3	677976.2	13912.83	79856.35
40537795	56190813	74875.62	62614.12	730799.9	3739524	47650343	1.33E+08	0	12132001
7030682	6354628	777191.4	831898.3	2372941	6265418	7393058	17860195	1771760	3391095
1443901	855413.3	319213	358406.9	323434.2	321056.9	2647508	2306699	223488.1	1092071
204207.2	263390.8	0	2938.887	0	27620.16	272263.7	653426.7	0	29563.2
10232133	6371732	334088.7	206447.5	1315629	7405536	17944003	15094649	1324395	5889904
77447749	1.13E+08	7961251	4117676	28409676	394375.8	52755005	2.71E+08	0	31994651
1137399	760054	878511.7	151932.5	1741144	352008.4	91435.6	1843811	596153.4	919829.4
41489877	61258527	0	9635.932	241360.7	1838714	43368495	1.46E+08	0	12774961
21480634	26102378	624058	640146.9	6038903	623234	28263237	61004371	4138.107	6653002
88327.36	48863.22	7445.913	2655.871	10788.97	98990.3	132937	28121.61	162553.7	74310.74
12808273	22575840	0	0	15013	373636.5	5267260	52879893	0	6517784
3162276	2057280	21808.75	4232.998	72500.64	3445497	4828353	4566099	365514.9	1989015
434369.9	315576.8	0	0	0	10416.9	914513.4	818959.4	34485.25	264912.8
9729140	15849339	111264.3	64481.75	378708.3	249829.7	6655153	37753717	0	4191788
488791.9	343451.4	2722.629	0	5976.854	120781.5	986346	717733.5	26107.38	238372
1.61E+08	2.63E+08	1200187	676297.3	1581394	6941142	1.11E+08	6.25E+08	35477.64	58513469
264891.6	87703.42	50560.5	82541.6	73522.56	436614.9	227949.8	242820	171309.4	407509.3
1667071	1339286	193263.8	94974.92	0	223437.3	3202591	3727380	1637959	1844820
9823902	15868065	19167.16	27601.15	420234.4	262142.3	7155330	37770486	0	4619511
18247988	30562766	113873	0	57262.1	411180.2	11462936	72182322	0	11918239
70749.54	54728.37	20898.9	4472.571	53328.38	15502.19	98107.41	140356.4	0	36876.78
40977019	56934014	313610.5	139048.8	1391513	3773564	47703096	1.35E+08	0	12198231
310090.2	272655.1	0	9498.499	0	5333.424	610796.6	458286.7	42726.8	157098.7
6588379	4066431	1299535	650631	3010895	1615390	11663330	10908167	192081.3	8621713
131931.5	65991.08	188486.3	172907.2	81394.34	209953.6	211752.2	44993.01	107289.7	185107.9
4843667	7339305	344575.5	210284.8	2485857	459946.1	1757255	17730397	0	3298891
231641.4	184257.1	12412.09	43112.11	176452.2	69461.53	317497.4	369984.3	48369.08	203329.1
11694198	18805682	82921.5	26481.12	59796.15	2012053	7598209	7123869	45081422	1697812
256787.3	232740.1	74823.33	55175.56	48454.11	55246.8	382839.4	115475.3	0	360210.6
13660070	19610061	19616.32	3113.995	166268.1	394647.9	15682272	46457415	3803.399	4070644
2292166	1903594	166912.8	112740.7	417677.2	2583491	2599860	1972945	166407	857184.5
58241342	89229203	644887.8	326856.3	978985.3	2346432	53811908	2.14E+08	0	24901435
11786542	19332718	297612	11091.12	1102473	598027.5	7009471	45969656	0	7743255
2155284	2953925	41959.67	16578.83	396371.4	582551.1	2011327	7364382	32390.46	911285.8
11479443	16344823	2796441	1324770	7081654	38289.01	3932213	39683180	21806.31	6235571
85871673	1.05E+08	4719775	4132270	11119167	59200856	72863974	44068610	8050446	27464273
21550320	32684162	297812.3	139852.9	81047.6	506701.6	21183354	78514899	0	10082047
20032350	27091530	515748.4	246595.4	2130738	684838.5	24364058	64470352	0	7319406
10217027	12078330	14259.17	7373.092	0	573134.7	16286570	25779886	11691.99	3571078

15474041	16868005	929628.9	72061.65	110215.5	1178111	25942459	43984062	5666935	14781869
1046787	1165354	45666.83	120927.3	181385.4	841427.1	951773.3	253476.2	89887.3	354756.9
10542179	12496130	578363	537661.3	1490503	8275450	8868167	6973446	1154081	3611914
1139408	1663260	63545.18	102744.2	97898.57	486248.8	658387.5	246553.1	58326.96	310377
188487.7	182871.3	8668.717	14289.8	203117.9	105132.6	117899.3	97156.41	91189.4	503229.4
1539986	2299619	478843.4	547338.5	503574.3	202981.7	66862.63	14682.01	5439332	1816938
1729906	2393997	147209.7	12260.62	145995.6	288144.4	1780910	5918565	11362.72	413867.3
6180013	6394228	201500.2	626598.6	6224809	104003.9	6193614	10675668	0	3618465
1534359	1030513	576289.9	48534.64	231350.2	1029215	2430027	1503496	282164.5	831219.5
1.87E+08	2.46E+08	2219066	1022371	38571352	5660594	2.32E+08	5.76E+08	4406.804	33880807
824533.4	1203300	97045.66	212080.8	281459.2	102249.2	345412.1	2976334	327771.2	273525.4
305304.1	322267.4	5849.124	9063.607	27286.05	322081.6	282409.8	835410.8	4014.467	98731.42
1647468	1498323	20883.89	57497.46	498511.9	1317756	2107269	3661899	393642.8	715089.2
477138.7	400567.6	164847.7	70805.66	417424.6	2581136	2503696	1060690	132897.4	378717.6
388705.2	41064.37	960671.2	462594.8	421537.4	401833.6	342755.4	360463.1	376587.2	357743.8
305978.9	72624.63	509950.7	691964	144871.6	1134333	126765.5	195808.7	321691.2	296385.8
44787772	64650658	4699460	2395245	14482244	355789.6	34962163	1.56E+08	0	17720988
38579.67	7266.409	161391.1	1638050	153328.5	11788.61	12495.61	31499.57	36421.06	48743.71
432067.9	232748.1	651802.2	655348.5	491858	1752887	185826.6	625353.2	479483.6	130634.5
473096.3	786084.7	0	0	0	0	340214.7	117303.2	12489.01	372634
461636.3	532106.9	135186.1	131470.9	65666.3	492609.4	86736.41	41986.91	1172467	893676.4
8011565	8151084	757379.9	422423.5	1647312	1327570	12581930	21446244	62380.07	3421243
14127491	21587837	28241.58	4254.12	414998.8	330150.5	13680848	51997606	26550.72	9834830
211538.6	198693.8	121989.6	100218.7	286069.6	803272.1	654550.3	236534.2	30014.69	161962.6
20432062	28796960	115465.3	136982.4	652745.8	1467495	23796397	68233523	0	5107794
232373.8	121456.6	38746.31	131054.9	614936.1	414431.9	845220.2	281204.2	16788.49	276108.7
43802109	52643053	870919.7	900492.7	6000040	9486710	59193938	1.19E+08	3809772	79846981
4170408	2624470	1757393	744316.8	2244758	23005193	24399056	8035655	697956.3	3479751
138057.5	73470.67	54382.13	32456.37	155547.1	744915.7	517760.9	143535.5	68481.47	63372.8
1407896	281479.3	891330	1121217	1003253	1622829	1416916	1528527	1101744	1250352
1478114	2238042	86841.6	154007.8	151162.7	567107	706746.2	406640.8	102776.1	383081.8
436743.4	302872.2	59145.78	75282.63	65928.79	636737.6	394221.9	524870.1	31504.15	245828.2
86464.25	44996.31	87383.73	91860.56	88058.22	659929	5179792	45271.65	160416.1	56192.44
19442.85	16379.09	2862.018	0	50212.64	93139.47	55577.52	39292.99	5532.417	23332.78
785928.2	466605.2	953553.6	1308399	1149988	1179297	635602.1	504551.8	810218.7	237544.8
630468.7	66802.32	474006.9	574209.4	511302.6	711254.9	608879.1	601369.1	641295.4	591824.6
1052608	232179.1	740101.5	778639.7	817982.7	1258313	922864.5	1191048	704079.2	1076668
14861503	13879476	87995.44	50917.34	480989.7	14312343	19281182	37737346	1651452	9106957
1501482	1472089	152571	140352.2	504945.7	1261619	1510524	4045087	392669.3	650452.9
27910455	35774522	1314884	1252544	3257083	18684675	22141888	13482322	2261990	8008785
5099524	6128512	139835.7	150784.1	103827.2	1366067	7084218	15832025	766475.4	1660695
403895.6	483328.6	309822.8	565654.8	694212.6	1458021	543969.2	455069.2	19823.13	129834
16864335	23383381	97198.92	16053.17	258432.6	1142013	20889772	55410846	0	4889930
1.53E+08	2.32E+08	16158770	9995433	39460106	27152542	79528112	5.56E+08	1912388	56451398
1.53E+08	2.43E+08	1223684	648335.6	2758776	6076174	1.3E+08	5.79E+08	0	55270888
828221.6	949895.2	456905.1	1090493	1970280	14057508	1315646	811094	101614.6	124134.7
234090.1	186351.7	131319	65265.74	61582	82683.82	312603.3	528850	74490.04	79609.6

256766.6	201281.8	126635.8	262723.5	285129.6	999388.8	580626.1	197424.1	61897.91	154236.2
121158.5	123611	36385.29	133435.7	146710	545380.8	307904.6	67436.73	6759.218	45632.29
97895.76	105942.2	83052.11	555228.2	271180.7	84969.62	65017.78	19239.87	62309.79	284352.3
2980830	5205194	395125.1	398176	343662.9	364898.1	198515.4	465779	74288.73	12258994
364769.1	336766.1	2543.174	5542.763	8264.76	2574634	7163852	949502.5	164648.4	301776.4
3961385	2452687	1445625	240338.8	732409.4	7136173	1403973	5395208	1176516	6250314
410812.1	427394.5	82372.31	121829.8	56193.65	348285.1	331775.7	361077.7	106068.4	157072.1
1786994	1494388	2662777	1633304	6530152	803582.5	3710608	4341584	1231895	1735178
1203955	2069291	0	6967.334	4533.61	197049.2	549147.7	472486.2	9390.115	496023.9
367201.4	264637.3	65147.87	33559.81	48782.11	711223.9	31594.77	799924.8	181302.6	177813.2
1.39E+08	2.04E+08	13350364	7720117	33749983	1468212	1.16E+08	4.87E+08	0	44888111
1361329	693006.1	50141.32	164152	223364.9	388292.9	2759443	1946875	544921.6	917745.7
37847257	64754879	184691.5	67538.45	945315.2	1192646	22010635	1.53E+08	0	13664681
177084.3	51542.79	0	0	5289.922	10433.07	405554.1	178893.3	118437.6	132660.2
1300316	878308.1	81967.41	66441.37	586390.9	808161	2098572	2386140	474076.9	864627.7
103269.6	37745.35	118386	154451.8	59323.17	546301.4	136256.2	131864.1	86558.34	59829.28
15367867	9752625	3367288	1631208	5078691	6135291	26937228	30086696	8502552	5719627
466028.1	439235.7	166176	293840.9	952202.5	1509113	1109114	209948.7	213814.2	270932.3
21402797	33347502	233422.9	127361.5	920841.1	633413.5	19406634	79919563	0	10104598
143362.5	166530.1	2164.894	0	3107.409	61455.28	197763.1	178766.9	38521.09	61752.15
544039.1	652026.3	123073	51896.06	187402.7	75550.26	585299.1	294523.4	226445.5	1707424
170439.9	178243.4	2695.688	9898.31	0	9744.097	301790.5	237428.9	0	65942.24
1511899	2427979	70593.04	56464.11	185859	529165	561914	273988.8	209839.9	333507.4
74472866	93837237	4160382	3582031	9569772	52153372	60342582	39066144	6726736	23617825
127897.7	108019.5	8457.852	0	26254.29	102496.8	184725.1	123890.8	0	53342.49
36561895	62701030	4829.635	0	314462.2	462788.2	22622297	1.48E+08	0	22226757
438065.4	463018.4	62844.44	96970.88	83721.47	221546.8	505594	851053.7	34829.19	184309.6
878306.7	1681805	3435.146	0	3999.27	125218.4	9924.461	9489.659	107397.6	23361.66
435260.8	115085.1	219470.1	382989.5	398603.3	441207.3	393675.3	531353.9	346801.9	278216.5
45785903	65079744	5901216	2946913	14475188	309616	38662926	1.58E+08	0	22124275
664833.6	389194.1	208068.1	245547.9	339710.6	6866523	3020064	416332.8	107676.1	909939.2
2618261	2270622	285224.2	31219.36	666078.7	1522309	3981862	4591209	35476.76	467235.9
29966768	49503558	75001.57	15215.77	226959.3	903941.6	22541494	1.17E+08	50960.97	17452946
3205398	2048244	1315552	2567675	8042829	5449013	7030647	2668797	582064.8	5025745
7509470	6021824	2015247	812397.9	3181467	12311228	981838.8	15247275	65633.26	5948330
77006515	1.12E+08	8048444	4077551	28179417	704379.6	57776913	2.71E+08	0	31624469
244471.2	177971.9	42127.35	23761.1	73723.99	203270.9	348211.7	402765.5	36551.94	110483.8
8258700	10519748	10196.15	0	67737.67	501565.5	12215805	23449224	55493.64	1975940
582124.5	471299.4	27168.21	32159.09	129618.5	697364.2	649363.7	623629.1	48931.85	174080.3
903017.1	625026.7	215707.7	381591.6	691862.9	4027380	5127099	1415519	59825.89	462815.1
22339681	35516299	119499.5	64084.51	1018888	308548.4	19440991	84824028	0	10233173
683021.4	1288365	10373.05	6081.422	0	85762.39	66513.27	30761.64	75792.31	27217.43
23042199	17799605	10351151	2409565	21079966	6803848	25779837	44241936	210216.9	18055227
17408038	18193677	812836.2	786600.7	9344860	449422.9	25191679	43786545	0	7396711
17475722	24304414	342586.7	153936.6	957198.2	2552809	20174227	58178662	9956.534	3723523
201219.5	99533.72	330100.5	357458	40231.67	467923.4	257545.7	186742.4	224096.8	41816.3
5560345	6510293	0	3362.201	13276.69	859307.7	8836848	14470000	35861.08	944304.9

947623.4	750981.6	1743565	2323585	2587826	695452.8	327683	296567.7	1829474	1698101
4460756	8184919	173856.8	96959.82	60663.94	755706.1	629364.4	263507.9	341183.1	253877.2
393856.6	257765	12540.06	816892	3330823	201778.7	975658.8	156225.7	700355.5	635605.5
63396556	82901701	454240.8	515029.3	18153575	2143926	78242543	1.92E+08	0	16500397
248775.9	193476.7	22716.75	2594.17	73966.01	332583.2	240861.2	470599	21933.02	71684.15
4.6E+08	3.41E+08	83785370	27811734	1.92E+08	1.73E+08	7.62E+08	9.09E+08	84466438	1.67E+08
1069739	2016453	43788.31	29034.12	17324.24	120508.2	72293.85	16572.83	131423.7	47071.65
403843.2	379804.9	0	7965.23	0	270197.9	630688	933446.9	9219.346	65028.15
2070840	1743257	52254.99	90445.02	112181.8	2250982	2692439	2865474	177370.3	1299186
198387.3	144430.2	9596.744	2127.812	47921.36	249089	236433.4	383863.9	32687.77	86693.5
1422811	796003.7	72378.09	95074.04	219990.4	1880014	1900086	1677138	365779.1	974761.2
983484.6	1418854	96321.97	163431.7	203220.7	403325.6	478622.4	377891.4	151786.8	285511.4
361161.3	229830.8	14909.69	37404.92	57261.2	89124.91	716825.7	300169.4	188072.4	197264.6
424761.4	448831.2	46868.09	30201.86	102584.5	330064.3	437127.1	109833.5	81862.16	101508.6
3241263	2284053	2256948	1507123	4355527	14236790	7528269	6382388	629198.6	1438834
172181.1	114811.1	2507.755	0	43558.9	318462.6	84504.31	265301.8	0	119338.8
320009.1	348672.8	63629.02	69346.52	120195.2	157619	298022.1	903026.8	53083.96	76232.45
295401	164135.9	77202.12	111421	128702.4	427618.4	222775.7	249925	219740.4	98788.73
728772.7	498297.9	49745.22	63148.96	45572.85	442762.9	1308953	979761	67140.34	443050.2
494276.2	437661.3	513614.6	527542.9	3077453	132996.3	1282122	889474.7	57451.88	1031607
4616721	3513992	1934549	7726530	45989499	5866604	7481258	9794057	50683.76	3395208
17431760	27642106	24613.14	0	418378.7	274934	15999904	66144175	23520.27	9420027
283324.7	358158.3	0	0	0	115630.6	357019.6	878824	0	11973.59
875790.3	1284471	90952.77	102090.9	46809.26	708342.5	175245.1	146262.8	621656.2	3142046
426654.4	676948.8	6116.898	3235.496	19532.78	216448.2	181385.6	58333.05	68991.31	145530.6
586410.7	757903.9	3218.653	15754.63	57662.73	275769.8	620967.7	253801	16109.02	176229.4
7021851	7497651	353386.9	145146.8	942243.9	3097686	10088638	19147332	49713.74	4274393
17821597	28293703	14152.48	60152.79	2584173	644006.2	14155569	67608534	0	13100799
1545883	978182.8	113881.5	84767	701080.4	1512970	2180668	2047250	36145.89	1451892
8170332	4208424	635239.3	1182857	2080953	4506139	15131729	10374478	2733389	5585988
9740406	16745517	122242.4	10893.24	0	355829	6055547	39432675	6086.614	3952403
7623597	11267238	852639.4	891978	1360136	2958251	3767232	2281068	1073831	2069156
354076.2	264977.9	4263.113	34217.25	26757.44	79032.82	695304.5	227257	104029	254799.5
11037948	8417892	791030.9	681444.2	3080435	15611136	9954812	14970617	1217249	4346569
31091436	46134285	2279395	1883918	11974389	432142.3	22358328	1.12E+08	75565.39	14070419
776995.4	302752	67042.7	33424.02	123222.3	1132062	1026734	745399.4	434043.6	627218.1
697955.3	468125.1	73499.04	35736.05	111316	865487.8	895688.1	1064556	81228.92	320915.5
308999.9	71174.96	528440.7	730115.2	596993.1	216354.2	127871.4	385252.7	275216.8	204943.4
13344198	2911013	9076983	14707653	12750765	8790431	12349705	17641023	10080415	11512411
1086406	1320975	193418	191519.1	387478.2	405479.2	911751.2	348451.7	417566	384999.7
697417.2	552965.4	183597.6	209208.6	517754.1	925541.4	115744.2	1024342	125391.4	260664
1753584	1586217	387269.8	197120.3	527701.8	528048.7	2668616	3790086	25914.94	260460.9
928591.9	558507.7	114460.8	25695.09	212398.7	1161481	1223718	1282897	166144.2	496003.2
4056720	683765.4	2708718	3756009	3677437	4454012	3521816	4182412	3171023	3545652
291180.1	383420.1	3168.03	0	6894.213	86472.78	359479.5	935888.7	42620.99	125546.4
8686003	14654003	7958.305	24132.67	201455.8	278171.9	6027395	34652132	0	4486615
176649.1	138482.1	75073.69	69633.68	300625.8	1419576	12167714	155455.3	24231.22	83448.3

344335.4	304211.3	2715.867	2202.99	5924.045	354522.7	465728.9	422547.5	21212.64	31413.52
908756.3	572036.9	495981.3	703791.6	596075	1024103	175248	1071389	221040.2	393126
56137149	71749793	3143662	2587705	7156389	38572424	46220747	28687551	5037176	18026907
24933902	41877214	4259.511	4173.009	0	1047014	18203597	99000243	0	12568752
4868169	8756059	101031	10691.35	64726.7	40343.79	2221551	20441398	0	1957822
23225482	46395188	15600.3	11993.18	394870.5	0	16158.16	421311.4	9385732	167086.9
1255304	1781023	56228.86	32080.79	90745.61	632076.1	966423.9	419370.2	108066.1	356797.7
706403.9	922173.2	307851.5	373717.9	280573.3	239910.5	21201.15	23198.75	2093058	1218794
498239.2	269963.3	16260.01	88680.46	3024960	259525.6	3259050	880510.8	569244.2	161317.8
33409427	47043430	34447.13	37636.48	308716.1	113222.4	43893162	1.12E+08	0	10423716
208234.9	186683.7	3569.447	0	10281.96	265751	224341	406755.8	17405.35	166452.3
23480955	37946843	16043.4	5800.432	9466.986	887325.2	20656735	90277849	0	12076066
6882005	12142407	9389.46	3768.046	239424.6	242163.8	3574423	28432290	41985.9	3865810
595857.1	1332377	0	0	2216781	1885580	3694480	0	0	0
172874.2	102592.9	28861.96	11821.96	64258.85	161497.3	258685.3	197562.8	45237.14	97071.27
65265.99	74703.36	48576.34	407970.2	191479.2	64125.5	31712.2	5582.842	38758.04	195624.7
556779.6	310022.1	122721.3	49398.12	320342.5	204925.5	965511.5	699376.9	105826.5	366373.5
3846354	3955537	2050986	4269807	8654778	56164235	5529683	3476462	476860.3	1281933
618815.8	244621.8	13118.2	16792.81	4053.585	17999.03	1417591	1031552	438203.5	432759.8
154466.5	105983.7	139818.5	117383.2	81923.47	677107	423083	179139.5	43709.29	49673.86
592586.7	383702.6	0	0	9883.242	701616.6	892297.1	824468.8	43819.76	344623.9
112657.1	62224.38	118909.6	65528.03	188906.3	715243.7	143890.3	72548.23	66427.92	91495.76
102389.6	44491.8	58532.17	105241.1	105840.8	4759543	565154.5	93363.84	70872.4	62591.14
318083.6	368580.2	36684.25	10578.44	137438.3	266262	203747.5	651418.9	68444.16	31627.43
68152.4	92990.87	0	13153.91	64481.37	802587.1	321347.2	97911.83	0	8157.294
313465.4	498302.6	6217.373	0	45592.69	111431.2	160918	98219.3	19674.65	88244.48
5741531	10326490	17257.29	3467.062	0	108586.3	2845905	24112003	0	2796191
259922.4	53636.71	214848	271428.6	224556	402072.9	611913	223429	187018.7	280700.3
351681.6	327552.2	35331.4	16427.36	96815.01	491357.7	219318	686225.9	5825.968	6616.091
22217964	29253678	1080172	964943.4	2536809	14825116	17656825	10342685	1728231	6515445
12178646	19585527	726514.6	666267.3	5807211	0	4883104	46560284	0	9124736
8863209	15248742	22155.41	0	0	181176.2	6010183	35894347	0	4490796
356773.3	197838.8	25325.07	41611.98	95825.2	370307.7	544244.1	423557.3	57111.79	322935.8
25700499	46914159	0	0	61253.44	106063.6	11656413	1.09E+08	0	12964506
194236.3	82783.89	122557.3	154488.9	371774.9	1127896	237460.4	215108.8	207303.2	73997.98
3826469	2117453	1006263	451756.3	1724533	2366959	6301515	5123094	823093	2440646
674636.5	985653.4	90568.39	92081.81	150204.5	289865.2	301382.9	230329.4	49819.34	160516.9
161284.5	102619.5	12319.73	7537.047	225593.1	120808.7	122159.1	74351.84	100519	327323
280550.2	275524.4	37361.77	62283.26	121179.4	32759.78	402346.4	661887.9	58401.34	96858.67
4550423	6444538	129338.4	51349.7	392024.5	2691850	3290456	1809583	280198.1	1167720
36723303	59574488	185065.1	95676.83	983633.6	1561390	31280987	1.42E+08	0	12817736
657196.9	861052.9	26432.62	34209.84	12206.08	220870	778852.7	8445.572	2000364	1045971
5089730	6470242	7674.06	4957.359	75429.23	1302052	7048200	7969852	66503.86	1089436
10740063	13490968	359590.3	384854.3	4776930	381902.3	12927664	31698038	0	3313852
68741615	99180554	99764.08	77080.96	1471259	4813626	83023290	2.34E+08	10249.78	17451547
790046.6	501690.2	10660.68	10128.59	167598.6	950252.2	1109679	1093412	70941.58	509411.5
2473374	556868.7	64400.51	142178.3	594743.8	1393181	4993578	3294666	1867517	2071530

1018454	598035.7	124421.6	10376.05	270874.8	1220742	1409945	1339742	185610.9	587269.7
2084059	1151161	398892.5	565368	581153.3	2657613	2484724	2052181	617279.8	1350769
2355833	2648118	112587.1	90153.04	325483.7	2042114	2346297	1719953	243442	838048.9
235938.4	183115.5	57579.95	44854.14	57027.85	351861.5	145609.8	331965.7	33714.67	103635.5
36305815	46165516	2025091	1792558	4676503	26002014	30299662	18908080	3212724	11762786
519580.6	330642.5	2435345	96081.66	21736221	740703.6	632631	457863	49618.94	430642.1
298221.2	299334.7	0	6957.174	25618.08	171274.7	454051.3	367150.3	33600.14	78114.93
422107.6	298637.7	2643.017	9875.208	85443.93	310897	718603.5	683949.7	116552.6	457207.2
8887984	5376685	1055943	849343.8	2164407	11262270	11362453	13949254	1591685	5159705
29777584	36995124	968135.6	862108.3	12514592	824205.9	37668921	84807941	0	9297382
219624.4	181375.1	42950.06	59197.84	396810	1641880	14971334	136527	63962.46	73924.85
3102298	3308671	1369488	589827.3	1712530	1901660	1725612	8597126	37303.26	3511544
11965101	19128255	192082.9	109396.5	733025	676721.1	10306428	45752635	0	5126339
883621.6	874384.3	42574.25	18309.45	86932.07	236068	1516559	2153158	125287.3	445890.5
100427.2	79926.88	18386.64	4076.683	39850.12	122096.6	96396.53	129031.9	14963.75	45779.61
1598874	1309060	130556.4	8992.458	42006.32	827008.8	2862050	3279994	271792.5	537195.3
1211265	1640639	162727.9	219474.7	262100.8	607649.7	736002.6	493514.8	144197.6	397276.6
221663.5	124423.6	241379.5	336512.6	58905.54	537724	458954.7	222892.8	295323.6	142222.6
4.15E+09	4.79E+09	8.8E+08	4.79E+08	1.84E+09	5.89E+08	4.72E+09	1.1E+10	1.06E+08	2.52E+09
764301.6	456740.6	0	5770.139	33629.21	46742.36	1689731	1370565	142382.9	701012.5
45827.18	51473.69	96921.97	62266.98	156487.7	2786980	88161.47	121588.5	0	16451.23
116172.9	35774.95	22264.53	92392.5	77187.73	153109.8	99197.67	102456.6	81047.26	115873.6
98221.35	71757.13	34457.05	41735.74	275382.6	156700.2	363414	158358.4	0	92140.74
1208178	820017.4	729422.5	4412347	2427506	1520466	954633.2	567840	765504.7	2629120
11059827	11682472	3733548	1145325	9145038	9141523	2620012	28755862	11045.6	10549169
32887559	15736349	3077898	4995336	8931621	19434276	61059858	43062698	11719103	23828310
124171.5	157809.8	0	0	0	51014.34	160646.5	400252	7181.589	67581.03
97212.36	48949.71	13740.8	15985.84	120665.7	438161.6	436362.5	122161.1	22392.19	90362.17
117347.7	107232.7	3396.33	3358.969	15460.33	7038.387	224192	213152	31655.7	86598.68
1132331	1447312	111328.4	52439.04	81817.27	216844.5	1469959	3520575	37431.59	345259.4
4973323	7305485	0	2432.47	153593.2	698653.1	5558370	17689247	0	2898306
355938.4	191854.3	909892.3	8146479	881815.4	114126.8	164738.4	361147.8	382673.7	656921.7
226831.7	207989.7	0	0	5754.481	96432.73	405740.7	218543.2	59199.35	294220.7
1.12E+08	1.38E+08	3859394	1634573	12526564	1.4E+08	44888009	3.47E+08	170635.8	39180015
8002562	5559350	552636.1	706834.7	1491454	5788468	13481098	9865529	1556806	4398272
5648452	9274269	0	0	0	384565.4	4798114	22019206	128889.2	2780785
131591.2	47284.18	59227.63	29612.97	113014	49438.2	207394.3	71457.19	198062.1	140700.5
648114.8	479310.5	100798.1	124757.4	290773	673775.7	733801.1	1399147	135195.3	348469.2
2018254	3057809	116851.9	306551.3	184079.8	1590482	316412.7	609483.4	1211933	446488.2
1043672	2039889	2886.701	6066.885	0	133841.7	69409.3	9307.46	117997.6	33368.35
211565	119759.7	203700.5	199367.8	55225.03	715362.9	640052.6	125816.6	128165.7	135079.7
3539131	4153925	174133	92192.93	367245.5	2951092	3485412	1907368	282425.7	1106460
425425.3	285570	0	3220.07	35390.03	192080.4	840534	717652.8	48999.16	249352.6
224601.6	149253.1	16490.4	78399.4	25523.98	0	448008	265278.4	200643.7	98901.35
11341626	17509728	111205.7	65230.74	382315.5	363596.2	11938065	42176568	0	6802120
7351025	7733966	0	0	47900.4	702220.7	13514837	17418685	0	4639733
4982764	6935932	125706.7	9669.559	268060.4	130495.5	6596525	16378232	0	1689364

1.3E+08	81195035	22801171	13249059	64471550	37911615	2.33E+08	2.23E+08	2769985	1.4E+08
12404005	18385339	1006907	527816.4	4150732	256796.4	10486965	43989993	0	4047269
2226947	1802174	218880.2	261683.6	1063623	570876.3	3696135	4934703	92424.36	1868289
1802412	2279359	134079.9	150574.3	233786.7	1270581	1521853	1122192	166205.8	568659.1
173341.4	114929.4	5687.956	6722.417	9125.983	148604.3	298782.4	318431	215643.5	193254.9
690940.5	478788	380309.6	214130.8	999317.9	4601536	1710973	760662.9	212994.4	393364.6
360785.7	549221.4	40640.75	33530.35	51401.9	196306.5	133827.1	96373.91	42940.02	94014.06
4746106	5581590	158079.5	89286.78	801487	1459302	6636601	13986696	940301	2531519
417239.6	278017.2	13181.1	0	0	25925.24	914342.7	774184.4	241548.3	520667.8
12873331	19711977	0	0	0	201826.9	14638313	46848951	11220.96	4007889
8173174	1572520	5992658	7982348	9127227	5067920	7539361	10198537	6723246	6489553
127798.6	78518.42	29069.85	24981.96	30454.53	28427.9	242190.9	198578.7	36251.74	49603.75
15303911	20627893	718464.8	614022.1	1690094	10145450	12052315	7189603	1089266	4289025
8153359	6670886	927034.4	1240261	2546177	3335293	13352597	17508682	17125.51	5805687
3082990	3423099	454513.7	920372.5	3073428	741220.9	1669416	4458769	8513104	765778.4
817188.8	678909.6	173631	219424.5	265109	784957.1	870390.6	598439.7	234316.4	513709.4
1456111	1292329	57336.8	5999.22	48892.81	391935.6	2762384	3476710	281387.6	378576.6
1819544	437449.7	1273007	1650290	1997847	1160412	1740015	2476135	1472817	1455346
986818.8	158793.4	834466.9	866030.5	931949	978527.4	922744.2	910284.9	805092.6	966049.2
5640021	7124929	281240.5	200110.6	731761.7	4204904	4937323	2796348	484205.4	1636533
24408090	39258424	192182.4	109899.3	735542	657452.7	23069055	93622773	0	10923198
292947.4	91062.92	6108.564	3513.924	23049.95	7620.685	678469	440086.4	235077.5	217657
367552.6	306653.3	13363.26	19841.59	51024	371201.9	503714.3	818595.1	406953.8	50914.53
1538329	1003061	887175.2	4620963	8571363	791986.2	1248993	1158249	1007804	2093570
22310516	26546551	4330595	351748.9	6324290	8122963	25473911	67197888	402214.7	6305324
5466404	5841324	4899583	3065418	877009.1	1442502	2566895	15689981	4753158	1623714
109111.4	82083.97	73874.98	76227.67	45451.2	756455.4	346044.4	129273.8	15127.05	78117.39
217028.1	130366.1	57458.89	32714.03	125036.8	1227873	1152925	344118.7	31389.65	148554.8
1206960	685916.8	874345.5	962416.7	764133.6	874743.3	886754.9	1595143	1937578	1483859
161515.8	210619.2	14644.24	23654.39	9767.849	79521.39	156427.3	535863.8	34151.07	60119.26
1893435	1460141	258129.6	334131.3	201808.9	1256181	3071349	2342244	200686.9	913252
14357881	8583712	1833090	1421168	3454091	18183347	18715989	22931561	2714671	8630114
6534432	4837863	509896.5	377154.7	4983671	419490.8	11059673	9322117	1214990	1443873
4961050	3103137	717992.9	683127.5	1395937	5902092	6446497	4320459	987295.3	3321877
1439406	675408.4	137786.5	26110.06	164443.1	2433879	1514048	1701058	626468.7	809748.6
24137480	29918246	1326350	1312877	3266095	18537806	21452070	13047136	2327686	8206866
197099	175362	237156.8	20786.24	474553.3	3063776	280600.2	348788.5	91070.72	35587.51
13449065	14089563	857724.3	817063.2	2237774	12608834	14300925	10583444	1734330	5377310
138384.8	112681.8	74966.34	476681.6	393255	147850.3	96987.23	78295.91	88850.51	335405.6
97184919	1.76E+08	177645.5	45366.06	1011718	1366225	54766277	4.1E+08	4802.603	44088456
808557.2	1145799	37255.26	30916.04	128250.6	278177	740470.3	357614.5	35099.89	124055.3
1.58E+08	1.24E+08	34710498	20203308	80335489	11482257	2.69E+08	3.39E+08	33417896	64142699
199441.4	122081.9	0	0	0	0	452407.3	232634.8	0	203566.8
1608794	1887935	435689.7	425833.5	1170464	132207.8	1221713	1851896	218626.1	4734547
1237089	729207.1	497910.6	220120.9	355861.5	835943.6	1968956	1951303	436767.8	522587.3
1176109	706046.3	183869.9	38474.4	366491.2	1343453	1644435	1739539	292422.5	554188.3
818910	165545.8	468747.7	987837.5	401146.2	866759.2	680442.7	840568	595664.7	802498.1

4022273	3302458	640587.6	239872.8	1082095	1275475	7016993	8779757	752533.8	1406993
229576.2	41873.78	257141.6	63344.7	46798.5	322978.3	157173.9	244532.7	226638.8	178511.1
753652.3	204956.6	371241	422057	506588.5	926343.7	811841.7	566160.9	642261	714869.5
669519.6	485402.9	113681.5	338414.6	331073	4094741	3024259	697525.8	99422.38	567740.5
7187520	9687330	37777.48	40551.86	366577.2	439759.9	10192477	22720968	9152.375	2049290
442938.8	330088.3	0	0	0	0	971330.2	959831.4	37540.56	409266.6
77181949	97191939	602016.2	736714	31246891	1923477	1.03E+08	2.2E+08	0	15566681
1498052	1013385	2235413	1719855	2878420	446246.2	4009253	3166766	1192635	975766.1
1864844	492384.9	1475399	1635316	1725727	1202983	1972873	2683845	1520890	1500948
75340018	1.09E+08	138596.5	159993.8	1674192	8099735	93747884	2.57E+08	8731.169	18107221
560839	347551.3	21531.48	20524.97	78364.27	310583.7	1079189	479593.2	397211.6	513412
36901978	47278394	1055933	695639.6	9782520	2036694	50198785	1.09E+08	0	8353105
1009846	602483.9	59083.64	55960.41	33473.63	1072522	1649168	1770999	678321.4	883495.6
3278959	6755978	10522.85	20486.98	6144.833	15930.55	22498.62	112853.2	15362983	205713.7
70820.64	109733.6	23978.69	9499.406	225137.5	1355153	128121.1	38047.02	10366.71	15043.46
590619.7	571467.6	6054.819	5324.388	153203.3	3319801	12025177	1089890	80158.64	371448.6
377800	238114	0	0	0	149808.4	788571.7	491218.3	35101.26	274851.1
305650.6	143972	378911.6	389413.5	68389.96	1026352	550702.2	268638.1	230188.3	125831
1050531	596826.6	243614.3	111704.9	255766.9	2058076	266247.2	1979504	510413.6	690642.5
5206905	6474163	623919.8	141902.6	183861.7	756283.6	7593995	15408788	18282.34	2274780
2099033	2213048	306245	179801.9	513897.5	2969478	768747	4848645	44213.58	97550.73
8052336	10071227	408080.5	328888.7	996070.2	6092397	7414039	4257335	652512.6	2501883
2830463	1579250	365106.4	101757.7	708529.5	3474942	3992849	3795799	723369.4	1552903
413395.5	256395.2	47808.62	54916.93	39695.78	324996.3	716935	553694.7	68652.97	216340.9
1605951	1364807	73083.52	44704.22	290617.7	1737587	2065885	1347680	74431.07	654905
367936.1	238392.5	5327.948	30499.51	9708.582	0	812644.3	579983.5	124789.4	232019.9
20396141	25448962	160798.4	246396.3	1001784	5522463	29439899	58140889	0	5456745
995252.1	118352.3	1141475	1457711	1295312	906283.8	837929.5	1008318	869922.2	911073.3
8846274	12035560	412376.5	410273.8	952929.8	5782547	7157082	4017367	737145.4	2517920
45611557	55563840	680946.7	537784.7	20542505	546054.5	62883118	1.24E+08	0	10993324
109993.2	128715.6	77319.4	41962.74	230001	868801.5	177837.5	35748.46	10373.71	28358.6
82785055	1.48E+08	170940.5	61067.16	1224452	1383991	52039813	3.47E+08	33481.06	38393239
317790.3	192657.9	121774.7	173231.7	159814.5	305670.8	332954.6	308719.2	156303.5	100647.1
1842612	2625995	818662.3	668397.7	537186.2	296024.4	568464	6422302	28986.09	287418.4
395839.3	361101.6	36400.94	64919.44	68167.73	261318.7	574672.9	601628.4	27299.97	64652.76
8998714	13191898	257967.2	7224.973	0	168845	11526253	31879124	0	4729115
30963129	50346113	106574	4425.936	57524.75	1995965	29520898	1.2E+08	0	15117551
52910487	81598979	505675.8	297132.6	1082258	788295	60155790	1.95E+08	0	23896528
19293719	32074322	1369923	989425.6	1928006	1963426	12676052	76029988	21770.3	10843602
638187.4	378720.5	316057.4	246314.6	1004104	3642724	1369986	857992.7	19167.2	567660.2
10091724	2718124	89002.49	31866.71	540687.2	2100061	23092301	13907459	6626054	8614857
206951.6	170925.1	14010.81	23593.06	17127.58	231263.1	266553.5	490837.2	27759.2	174427.8
5195079	7074413	232704.2	229141.9	625071.9	3489854	4092770	2400456	413725.8	1408143
921048.9	1360396	354851.2	359563.4	366015.1	133948.2	117201.7	95948.63	3247825	1028276
1059499	703537.4	200277.6	315569.7	4359116	1255888	4385438	1446595	153365.7	455244
452512.5	441469.9	5333.267	2205.724	19496.99	502431.6	541890.8	732626.2	68710.9	297571
3877474	2973800	240282.1	59304.79	220763.1	6957417	2485374	3038774	1944965	690527.3

3870250	4298482	8982.833	18153.02	61713.6	2138601	5768600	10528019	460908.1	1061102
1169957	2277873	24503.53	20559.24	7825.766	247236	88858.75	37774.69	159651.5	49191.63
2.24E+08	3.03E+08	1756421	1190425	67979608	12230373	2.8E+08	7.09E+08	0	39762615
16068016	29182423	107501.4	38172.88	745941.9	674827.9	8585555	67962557	0	7365675
75194963	1.09E+08	112496.5	52790.27	2458559	8109648	93700541	2.58E+08	8103.688	18284258
1144882	536436.1	51654.13	84240.5	54589.29	6525.453	2610529	2018519	751004.3	866428.2
927068.5	797919.9	24160.43	9095.426	103175.3	369729.9	1709931	1923392	207857.3	531902.7
555999.1	889584	0	0	14728.13	144953	463761.6	2118763	12115.27	0
42746683	27376665	7702702	4292383	20648772	11778122	77525314	74344023	772443.1	48471091
1435561	442776.2	824316.1	1116038	1029561	1770983	1159923	1553636	1311945	1156132
188346.9	118517.3	0	0	0	17084.41	422160.9	345230.3	31849.06	119638.3
426086.4	638975	4164.277	0	15661.84	115496.2	434220.6	1519764	0	0
2794424	5752543	33906.03	49335.38	46160.47	65016.18	31226.24	97927.54	503299.6	13080579
117329.5	77451.93	106817.6	657786.3	294988.9	79466.96	62765.25	44894.44	114080.9	242478.3
1366118	893307.5	3830.031	12043.18	115069	640372.4	2745561	2012170	115169.3	766770.3
903835.3	1124694	263240.2	239172.8	401122	300153.6	618627.6	2769223	114104.9	138804.1
898016.5	769223.7	359301.8	258471.8	105305.6	167589.9	1456292	2055528	0	1174934
38971387	66184469	2301187	1832450	14278250	2026713	16034642	12159529	1617338	7024642
204282.3	179140	228346.7	93848.18	334761	989303.1	273695.9	92086.11	78421.45	142980.8
1125123	1990303	195186.9	14180.82	53625.69	309928.3	300738.1	360000.7	99236.14	214872
171075	80113.29	7584.42	5722.669	0	5665.586	395067.1	163377.9	115870.4	119543.9
15341823	21540748	3333570	1521748	9074529	8995.445	10788572	52190823	3451.222	7551962
85388358	1.07E+08	1002203	749265.5	33449021	3568449	1.18E+08	2.42E+08	0	16332880
105121.8	121170.1	25517.82	92334.46	70708.55	428224.1	3515814	57140.94	28427.68	35515.49
93512.59	121942.7	0	0	0	18678.09	137872.9	77140.66	11712.86	76649.62
28990180	40356806	151986.1	40751.08	1047269	1836587	40461123	94343192	0	6894369
2427083	3192041	115841	101610.3	290831.2	1563112	2267849	1088426	193341.7	790012.9
349389	452780	14177.57	0	25705.77	257033.3	336550.4	134491.4	5006.501	37537.17
4990327	5483734	504209.2	462671.9	1275782	246803	7964125	10489789	0	2481070
889538.1	516172.1	164294.5	98575.78	940924.3	5688904	3413733	1256774	89102.97	718724.9
4727545	4892365	368094.6	71584.46	2231209	2102780	6330525	3443160	156804.5	936393.2
1552838	1354701	4605.784	3977.793	16058.52	1484398	2358391	2062173	12592.89	248659.9
309839.3	448629.4	3120.669	15174	20071.74	207787.1	219042.2	134479.2	9955.615	102553.9
3324754	1965945	804451.4	487556.4	1861023	1742144	5479312	3889568	681877.9	1942286
7584250	11593857	825925.2	1187910	1460883	3144638	3647285	2498748	2739930	3062343
896567.6	651166.2	3344.799	5250.633	22206.32	632833.4	1654533	1726681	472234.6	1074810
18116219	21097859	2157514	1438150	137599.1	6587346	26201354	53948932	1123560	4288165
239086.6	303514.3	22104.31	18373.81	119609.7	1384656	10505083	251305.2	39142.02	86903.29
85992888	1.07E+08	898686	684476.4	17302200	6395150	1.3E+08	2.45E+08	0	13710727
95234.11	116509.9	0	0	14754.4	66880.09	105180.4	139009.9	4594.013	54478.21
247846.5	207958.6	86739.64	63100.09	243604.5	965792.5	1194450	128721	109301.6	64756.35
1463664	740521.4	10549.68	7493.112	11449.95	1571558	2569464	1532500	1146899	1881860
22283117	25803341	938685.1	818471.4	10598953	328305.1	32302246	55138114	0	5840888
175294.6	267052.2	0	0	0	117920.6	114979.1	48515.13	0	12955.72
30435.34	31095.55	8781.098	34218.69	46588.07	1131243	88384.12	28807.23	0	0
882011.9	728203.6	0	3180.667	4462.857	741718.8	1472613	1933016	71474.26	557772.4
267048.8	190195.8	8658.828	2903.646	8959.723	38609.22	573073.5	549941.6	60656.36	324958.4

348894.8	177099.3	60671.78	25156.65	162445	259216.6	592461.6	497583.6	82240.81	253835.7
1155214	982901.8	45249.89	21937.57	18865.1	53395.59	2411179	2585343	507991.8	1088058
18229612	31354741	1407923	4277.12	2296751	308782.6	12234821	73813906	26548.66	9790402
105654.5	159618.3	74132.58	78380.71	414158.3	5219166	116845.3	63122.7	15490.89	0
1602945	1107912	233062.9	156491.3	127140.7	2316393	1786205	1703964	78872.41	1099688
11883696	12551356	706867.1	426482	5834793	6727937	14230547	28470615	749589.7	22163926
7991378	5205510	1303734	443405.5	1898951	3503084	15041911	9594358	1348373	4127890
1724272	1195709	248395.1	365017.7	752439.2	623583	2975383	2425243	140937.9	1107013
9095718	9537205	7729762	5234429	1738042	2886488	4932506	25793836	7948775	3026924
29402466	42428560	215205.1	41030.46	2500837	1481759	37950043	1.01E+08	0	10733463
9464900	12955890	31442.55	15034.07	179430.3	2388822	12507927	30695453	299026.6	1313186
1.05E+08	1.41E+08	2547686	1989273	34616742	2840695	1.35E+08	3.28E+08	24777.47	23667360
60166.03	88325.43	8998.156	13668.76	92082.93	315659.2	237733.8	81830.99	5099.535	7686.431
11296767	13768318	565674.4	807841	9649928	5937940	6226702	14327370	143680.2	2078766
92146022	51227457	20562715	21485096	58410180	82401824	1.27E+08	1.13E+08	7849446	96986158
16999152	29487466	66049.36	49553.29	596527.1	2645703	11347028	69290083	0	4307684
154802	126136.4	18763.94	3408.274	125462.4	895618.2	795158.3	272798.9	45645.44	168343.2
9409009	9092766	4369482	1011045	3903991	3192575	11794920	23527793	12927.45	9828849
1065473	681695.1	0	3741.88	10743.83	440077	2230064	1347439	176607.8	924562.4
1318705	1253709	6731.044	0	21986.25	650502.1	2333304	2937037	221514.6	479482.4
8227540	13899251	55481.89	10474.76	0	338460.5	7392255	32857292	0	3546908
1156272	414606	2823.719	3316.604	5372.144	21445.57	2754256	1870735	802510.1	960964.7
387170.6	332086.6	168544.1	519081	465815	1584140	617879.8	385416	44461.41	198484
235518.1	398901.3	4485.034	0	0	39025.07	181580.3	938067.1	0	0
297412.9	200969.1	6582.394	12315.3	68282.13	2195299	1796600	427864.4	7538.236	224414.7
7685203	10074247	8405.477	64120.12	263034.3	278127.5	12026222	24389462	0	3876907
243374.2	241278.5	20126.95	0	333332.1	4560359	892570.7	529006.4	0	67465.82
309966.7	265964.4	16965.75	20227.59	53273.8	60961.05	591043.3	422355.9	22910.17	103133.6
509879.5	367458.6	3116.175	0	10480.3	340930.3	961259.6	862432.1	124736.3	447113.5
22136705	25900269	258353.9	207430.1	2925029	7657951	33151401	52784202	138540.8	47760564
1867048	1740716	502227.2	240170.8	203175.6	556346.2	3082790	4793044	404779.9	692954.7
3645582	2388925	706963	660124.9	1660280	3603764	4854810	2037075	571799.1	3905290
518992.1	488839.2	0	0	16017.95	439030.8	790619.8	613262.3	88488.04	613364.2
28934773	35821960	76688.97	47264.83	487833	6220148	45509563	85818532	784109.9	10018111
149880.2	124933.6	110275.1	150521.7	253557.7	378871.4	217273.2	176556.5	65070.77	60060.52
402521.6	34916.17	310158	460587.5	463022	589653.8	432215.6	414077.3	403889.8	342497.5
3003808	3365413	0	5208.693	0	415929.6	5403516	7621873	38604.8	561759.3
307424.4	521806.9	0	0	0	76587.13	218548.6	1223238	0	0
18292781	13821659	4283632	220477.6	5316956	10682742	30470841	37815149	3853233	7370919
5605696	1196923	2584356	5459681	7515137	8922286	12790963	7276922	4056942	5528611
45523	52783.66	34831.8	42621.64	41682.16	581014.2	93963.02	56361.89	9512.071	0
64054.02	49285.91	11488.63	17442.69	91949.59	286573.7	213544.9	105824.8	0	23023.58
24359416	34290362	24390216	17800524	7686176	1.78E+08	2.97E+09	9745350	15532534	85267828
1163299	511186.3	524166.9	539535.4	717660.2	4730977	4689846	1795294	439363.4	915851.4
1178856	885759.8	137204.1	167442.6	223074.4	1232405	1626760	1449099	143251.3	570053.6
25744746	26282785	644752.4	511875.2	9454649	7358863	40995087	57472952	0	5677285
14637130	8950657	1741475	1383194	3306298	20258420	17883428	21568439	2486759	8187693

1542146	1607736	8047.278	5641.805	143593.4	1372728	2011558	4270990	156423	867268.4
2415553	1666606	154674.9	87104.1	386827	375183.4	5043084	3989554	543165.1	1855909
7427360	6407662	1680198	757831.2	1587092	2479356	12645732	18434781	2452626	3394190
38318408	57617954	7133796	10290480	5851217	26511092	5391632	3924957	10086413	13537941
45482214	33924386	6439144	2856407	13360242	27105048	77009495	92841936	8879922	16942656
122126.1	83697.08	0	0	10269.41	56336.27	246133.8	114132.3	10221.62	80469.99
813279.8	1250752	0	0	6953.312	46486.85	976010.3	2925972	0	142290.7
409085.6	198373	126893.2	155551.9	260607.9	342738.5	570483.2	579082.2	130463.9	274053.1
1072512	613219	520094.8	208535.3	199998.7	1153784	1438909	649972.1	848321.4	424545.1
217334.8	126561.8	235481	241180.8	132678	469696.4	428035.6	199826.7	93147.07	112871.3
1202373	934055.8	346819.8	208601.3	290325.7	513189.2	2000312	2311349	61529.91	455241.6
4400867	5259941	38256.83	61059.44	59546.25	1027003	7155416	13451950	823895.4	1588801
78258338	75656417	11990587	3428818	45642533	17782117	1.15E+08	1.83E+08	50477.54	31241607
49273.34	34649.15	25692.94	355398.5	133798.5	30149.45	37302.08	33889.36	40417.59	109918.7
69728.22	62686.78	86389.65	105227.4	38912.31	286643.7	86682.1	174578.5	60545.79	13933.41
888851.4	569567.2	96857.79	54053.47	393463.8	287127.7	1671877	1387271	422088.3	335887.3
318382.7	343508.8	33485.65	15053.03	55420.88	335284.8	298388.1	175040.5	18051.2	82076.09
95716.77	94203.85	35282.31	31178	149395.6	321864.2	329772	176334.3	21068.78	12095.37
175139.9	89490.75	70683.49	29227.78	45428.93	240183.9	200360.2	110984.8	197792.7	56747.32
16617098	25021713	290263.3	91126.4	2404959	1933813	18197105	58649475	81297.04	20962160
9229614	12852466	65200.03	14983.12	3832389	1693328	9619650	31185097	0	2765168
208699.6	175709.8	29225.44	16100.44	24315.07	188036.5	303698.9	180211.1	9249.441	203928.8
795239.1	615799.4	57492.66	30629.04	267302.6	197972.3	1503022	1544248	161324.5	256076.7
345417.9	199731.3	393374	1902484	485562.8	298085.5	299755.7	145062.8	414748.3	633929.6
66504044	56447028	16537471	9448905	30365263	8336211	1.11E+08	1.49E+08	2133795	41865636
3369234	2288792	668488.1	580885	792839	4784669	3414647	7086288	1656702	1325381
29482696	39593253	138596.5	159993.8	1674192	8099735	39767496	94148270	8731.169	6858481
38937908	27566176	4927695	3320419	12749256	9672771	74320496	72818791	13449775	15380107
608452	106867.2	305393.5	598768.3	578441	611455.8	579392.4	555021.3	639741.4	527160.3
2138304	1284068	221789.6	218338.4	621795	2911557	2639458	2896707	339506.5	1216913
1269354	683366.4	434814.4	428147.8	596749.3	4651280	13150822	1130207	269183	1192782
503273	428213.5	15014.5	30852.64	49743.21	304441	876176.2	875520.3	21911.8	367765.5
3136639	1628344	728986.9	906048.4	2377271	3775445	3226171	5597838	1873293	2900168
9598516	13723157	1509810	2687534	2315060	4476186	4840558	3845007	1667390	3067886
5088656	2543745	1113061	4065019	2855447	2933660	7073976	8096098	1608083	3536709
1492564	854967.5	305982.3	362301.5	180479.2	1341614	2439834	2299171	278195.1	938528.6
1298500	876970.7	333525.3	164291.2	684525.2	557125	2153682	2288618	64055.23	816025
9461265	10470403	2207265	1192378	3420971	1552642	12906500	1976587	1297566	3603013
7765177	11225942	2260.884	24232.78	256343.3	902816.8	10251137	26857087	25004.56	2017647
9101336	13991125	440979.5	202913	1096512	4624085	6170570	33963568	941795.9	1840758
9158872	10798870	53611.1	47574.03	356959	521459.6	16174065	24141113	0	3882034
5.15E+08	2.83E+08	1.22E+08	1.29E+08	3.33E+08	4.63E+08	7.05E+08	6.32E+08	47442262	5.43E+08
1060008	1090216	129821	29519.07	699730.6	364677.1	1352329	794344.5	19011.74	192415.5
120374.4	68719.49	65699.46	6264.337	82067.52	822077.6	442287.2	193993.9	112826.1	133928.7
7536964	4884047	36224.74	20777.48	181175.9	9166222	11720357	11001651	816745.7	4855742
739028.8	894077.4	191538.4	138002.5	760959	2741359	21872753	446518.8	89439.8	334375.9
436894.4	661843.6	9450.118	0	23870.21	263303.5	322040	194910.4	6486.952	110258.7

2635188	3375492	122746.3	75710.54	327737.2	1953846	2567771	1366140	268312.4	840049.5
87401.93	76940.66	32781.14	20881.68	50135.15	40990.21	103922.4	153259.4	0	32849.06
16295996	24603364	36035.78	20252.36	566076.1	1958974	19641826	58446825	8089.411	3887892
792071.6	1082385	118827.7	118188.7	447072.9	261743.7	475381.6	207354.9	484440.5	144893.2
174414.3	68822.81	43373.72	61532.69	53935.87	259772.5	190138.6	215483.1	207691.9	118346.4
313797.9	402237.1	4342.83	0	0	211566.5	369588.4	1000519	17917.63	147561
98916453	1.21E+08	670971.3	440801.9	19566288	11063580	1.55E+08	2.79E+08	0	15632359
39765720	29710136	10141211	4016013	15290342	31268700	57483006	25992923	881779.8	71527584
155248.5	120807.4	33089.6	23695.1	130169.5	625310.6	967679.4	324331.9	22274.13	59950.37
116345.1	83176.3	122945.1	154201.1	127728.1	176026.6	203343.1	148477.3	22677.19	59892.97
8942723	6258749	41268.47	15181.36	108716.8	4682031	17995307	15225458	3074893	8581735
97124915	1.57E+08	1766523	1751404	33500716	923847.8	77786269	3.75E+08	0	39767318
11225485	8032621	824739.3	578558.1	3100486	16574924	11501731	16618126	1428558	4846828
237072.2	159271.5	33339.37	11691.27	84740.02	207806.4	371032.5	189582.2	31599.48	168561.8
3516276	4436892	1213062	1652538	311746.3	1780706	2236747	1266843	1683056	851016.8
240104.8	79508.27	225054.3	309664.3	290382.4	280210.9	288496.5	218765.1	231841.5	275206.5
1477741	738609.7	108518.2	317779.3	362112.8	773209.9	2853939	1911495	498511.5	1053466
45805.8	69353.8	6157.557	9742.648	69464.68	334677.2	150498.9	10604.87	0	6534.133
8009414	12182755	590282.3	180470	157523.8	5185399	5266375	29615592	130130.2	4289973
91852.28	51575.35	42607.18	34832.27	70079.85	371820.8	344876.2	98348.66	28495.43	52321.26
23477265	32358762	8782.363	0	255955.9	1012388	35675851	77357387	0	8891716
58467587	85141749	6511519	3539865	19814441	1084922	59424674	2.05E+08	0	19968894
231150.5	86447.97	2557.699	3011.345	13648.27	22194.13	541993.6	291888.1	258332.4	323793.4
423297.4	299363	279314.3	410253.2	587637	852362.8	848722.1	477029.3	82974.88	340065
295386.7	338550.8	174671.5	139151.9	521721.5	1884080	524230.7	181078.2	96018.57	94597.4
2011767	1197402	144560.6	206098.3	533929	2783635	2527938	2626364	330277.5	1170693
803409.5	367894.5	288752.5	668394.7	647255.2	866314.4	609605.6	621670.6	624893.9	568350.8
265075.6	263383.3	0	0	6195.432	49881.73	513753.1	380094.1	23471.97	224871.3
6473493	4554231	1747742	890837.2	1071983	2073316	12143396	11920659	936693.2	3338021
7190651	8468853	218228.4	36328.9	1363486	2583750	10546986	21282372	640882.7	1867105
82960.16	59567.76	40698.57	31201.08	67194.38	674018	241976.3	85152.09	0	51404.33
198508.5	174493.5	52936.99	44108.67	61227.46	255601.3	142017.5	441239.4	50802.44	124735.5
1242231	1206290	102167.3	17803.35	225757.9	1828735	891650.9	2428997	5379.039	97478.88
663979.9	464942.5	138492.5	28707.97	220894.3	300816.8	1193648	1171023	238966.7	280514.3
4692438	5436883	1249965	322567.1	3448004	684036.7	4726230	12521240	111912.4	8244033
189356.9	284505.7	0	92326.74	219032.7	2784620	594951.3	202975.2	6521.302	0
1272695	792199.7	118892.5	119706.4	502346.1	1252864	1933487	2135502	251050.9	660441.4
11450786	7016216	4760993	9294751	26272292	18444908	23872093	9906463	2035642	17390015
5073397	7764527	734394.3	653249.5	1113158	574792.2	4146099	18502150	0	5083228
3913091	2564410	2141313	14056074	7851859	4557069	3079774	1892489	2433644	8336231
109062.5	89221.4	7499.168	7478.906	33938.56	63125.07	182315.3	228998.3	0	44850.22
27585468	39823265	4244341	2265045	14174143	98014.35	23590638	95799161	3120.065	11276659
227616.4	191606.7	9202.544	6595.902	50649.69	162225.1	372997.6	117197.9	23727.23	154667.9
8549839	12985403	108551.1	78773.72	155317.5	2659094	9022124	31377829	10989.47	6303827
632147.7	390096.7	0	0	5084.257	12355.99	1466693	860778.9	109025.5	576056.3
550983.4	755770.9	0	2502.486	6400.661	85384.4	804728.9	860929.5	5090.71	100233.2
731051.6	527217.8	2846.715	17476.66	40253.53	597342.7	1310547	1176438	410602.3	718673.5

1805566	1221675	39813.09	61605.21	2421128	598060.4	2233811	3749651	1387170	515705.6
709952.6	736801.6	0	11498.16	0	538090	1073814	1908838	0	374472
346321.5	287866.3	33340.86	20056.35	38381.92	663670.8	109642.2	756671.3	69132.17	119453.6
3016450	506148.2	1986702	2430388	2358375	3747037	2732847	3319833	2514288	2681859
2610270	1278736	863171	414102	1364020	1934298	4214959	3649555	717420.5	2006106
29779057	22371224	7449772	4389325	5718923	11545414	53457063	56116650	1012679	16271218
4862981	6929590	2085.109	0	143477.1	192484.3	7046272	16469963	0	1839888
1941925	2647917	62083.86	98537.24	217776.3	1331683	1742632	856353.1	167504.4	538464.3
121314	109106.1	80186.08	271818.5	379679.6	189475.7	60356.1	302884.8	98510.15	127794.3
1016605	1070420	43340	37593.62	190655.9	478687.7	1583523	2729358	39721.35	192167.4
142225	191282.3	2471.13	5686.955	6743.817	136832.1	104672.3	160647.3	13609.43	52787.06
2005901	3079525	62748.22	12217.93	41587.18	733004.5	1944822	7436167	57171.38	1075164
13068170	21951382	27549.38	36432.72	235079.6	373013.8	13139314	51964366	6202.212	5724893
3515244	2900908	386422	316706.8	1414221	988410.1	6205240	6888224	773353.6	1264097
1682075	1028552	639945.9	254679.2	617123.5	622114	2994294	3195286	436563	1131770
928584.1	474051.7	152096.9	81506.16	361614	1131824	1305147	1190038	213609.5	773110.8
6698696	10475795	29163.99	0	219893.6	105548.6	8214174	25027596	74072	5535268
4802264	5309383	1245997	331357.2	2270879	399224.6	6655422	12888772	0	1471256
10062363	13595007	1310062	1355353	2955541	7458907	5613324	3937570	987514.6	3401851
6340854	11129057	5904.88	2576.785	224062.7	160175.1	5394248	26089687	48083.26	3410742
12020552	14530742	733765.3	626542.9	1614553	9926120	12342459	6797496	1178696	4048069
1424031	861887.1	132598	166403.9	146988.5	234999.7	3053256	1809509	203051.7	1370882
385756.9	274495.8	0	8620.181	0	145634.3	808943.1	493466.5	35346.24	320069.7
51989277	88830656	548110.1	599428.5	2749357	20008420	30468784	2.1E+08	195748.3	23284651
570057.2	608439.6	12455.34	5188.659	11606.34	549201.7	729736.1	1595041	52747.58	356538.1
277133.6	448946.6	40388.27	65697.4	46596.5	134823.4	64808.79	49560.14	32139.17	87678.31
769311.3	733163.8	230853.1	264255.9	177890.6	487641.2	918098.4	660323.1	184169	148023
14613362	13104729	4856165	3170058	7460151	1641895	22101877	33512478	456601.2	15462530
1.4E+08	1.75E+08	2085253	1368763	11325528	42625935	2.08E+08	3.82E+08	855756.8	2.71E+08
26395940	18836051	5945244	5220101	16753420	57087.94	46626336	49376966	5224066	9281123
1236807	741876.2	89685.83	12983.31	45757.72	345925.5	2692025	2090283	207864.3	1185143
2996545	4506794	111572.1	40170.81	519436.4	279510.7	3401673	10987080	29904.58	1044965
1016552	1811383	5779.013	5443.183	30392.6	63794.87	781548.3	178236.5	90509.21	425918.8
112354.2	76990.01	90963.76	116691.4	165013.5	357560.6	119911.7	118060	40047.8	49266.45
214529.6	181296.7	140566.9	926127.6	531137.5	208306.8	122409.6	100114.5	186582.6	530758.2
315045.2	72734.48	255616.6	304416.9	329397	326772	92071.25	230301.5	312288.7	261001.5
10317168	15215161	4283399	1860389	5510289	242272.5	4612698	36955071	82793.27	8641149
277255.6	167973.2	181262.7	201382.7	260830.8	826059	666871.1	385240.8	52217.86	141458.2
719790.4	1114614	52589.95	4601.473	0	325564.1	621249.2	2593253	11615.92	0
1170757	1104149	0	0	0	613390.4	2132194	1238177	137914.4	977882.9
11523791	16813868	120013.9	142811.2	878359.4	871696.4	15362313	40360952	4714.555	4351754
383823	311729.6	264294	1706046	845767.8	386270.4	241295.7	129161.2	270498.5	927490.2
6433776	7697504	5395.302	19375.46	174639.3	5734076	7453745	12348241	207224.1	2178417
449002.3	458553.4	5178.072	0	4080.842	10633.25	908156.3	573378.3	22513.33	101523
191709.6	200450.5	0	0	10379.76	923914.3	3854447	309845.4	15654.4	118650.6
1218926	1035019	24771.23	21913.98	106642.4	1028016	1996649	1773352	224602	809383.5
291733.9	192466.1	6964.02	7258.296	13448.54	147275.9	595242.8	519909.9	31939.37	225170.2

3641823	4131201	1763357	687049.3	2726042	1784834	1726398	10662326	125769.1	3770423
115526.3	79269.82	0	0	7194.22	116138.4	197278	188851.2	23278.94	52994.72
1657929	1215844	634073.5	350827.4	1732246	1113857	1494404	1127880	1865038	618238.6
635534.5	651169.5	41348.51	21581.01	92770.5	613927.9	781171.6	432301.9	39572.24	225077.5
50248350	84181198	510769.1	400274.5	2803593	1859093	49859067	1.98E+08	210482.6	2519760
233538.4	324226.7	0	3764.658	8937.68	112273.8	274092.4	52226.84	0	46204.36
63023817	1.38E+08	47822.92	46361.12	47380.7	83948.36	34518.46	339396.9	4614393	211601.5
1162364	880114.3	330726.5	215101.9	594865.4	384471.1	1882328	2363908	191252	420953.1
28513209	31347913	8784239	1389593	21614956	6416327	29961096	73120750	1850546	49882306
1627968	988944.2	3043.755	11832.38	7610.743	739844.1	3477562	2199845	331993.9	1366933
5304739	7450168	12123.15	2582.727	98439.84	913295.3	7540476	17121460	0	75036.09
122762.8	105030.9	28577.49	6226.35	37326.53	29687.99	218571.5	189195.1	6623.891	33228.17
178121.9	131551.4	44566.52	36741.95	47021.91	169552.4	244001.5	136095.5	54353	65973.54
376151.8	104360.8	324128.8	521279.4	399755	515584.1	408147.2	341515.9	343974.3	333836.4
1450423	222595.2	1111639	1429671	1567360	1000410	1438936	1802073	1197190	1370640
13460560	12363154	3004134	1443213	1630245	22573862	5735825	19485478	177567.3	4091699
3708042	2525717	407557.8	172822.4	1498031	1004676	7179604	5577316	1108685	1912060
3323050	437171.9	2029529	2532112	2720579	4204537	3105196	3466685	2793446	3200247
19567996	25915334	1044659	1045786	5110720	6154429	23314307	64330717	59348.54	14431543
1939022	1742953	3064578	1898121	7031463	680013.2	3392252	4897276	419494.1	1962954
32395993	44238355	313610.5	139048.8	1411803	3769571	48664482	1.04E+08	0	7133549
3465165	2688956	1040385	394589.3	5123769	512496.7	2999770	6953983	5712647	964160.1
2.04E+09	1.8E+09	4.45E+08	2.28E+08	7.96E+08	3.39E+08	3.51E+09	4.64E+09	51202058	1.07E+09
916880.1	678859.6	89702.47	90013.7	120068.7	69063.21	1927530	1916692	104687.5	545181.3
972638.5	892166.3	32661.87	0	55160.8	1603324	737955.2	2352896	34602.16	377064.2
1.61E+08	2.5E+08	14761326	9363445	53575334	2152882	1.48E+08	5.97E+08	9625.102	53521256
5080739	6837588	138268.1	29406.97	28394.77	1004926	7569128	16674477	410477.2	1649054
119187.7	91784.81	69476.06	98763	129317.6	425172	246294.1	158408.3	13132.37	60022.78
72387238	1.16E+08	754330.8	287191.1	1829883	11833650	77350607	2.78E+08	262325.7	28359794
10366080	12939742	510352.3	480486.3	1336707	8304714	10575636	5554056	913404.9	3307706
718544.4	569965.5	90570.7	100688.2	78004.36	31699.53	1475997	1169893	285487.9	758558.2
347515.2	147083.2	6902.958	0	11691.01	223079.8	732715.8	538656	219753.8	348848.3
2138398	1327737	106536.5	95926.74	285252.3	2224346	3567059	3217965	333747.5	1176321
809395.1	578128.5	166995.1	234548.5	309955.7	981479.5	858957.3	944762.8	324805.8	92001.32
107538.9	60104.42	107237.4	111248.3	114790.3	328736.6	121463.4	192675.3	76217.2	33083.64
2.73E+08	5.97E+08	42840.5	6371.898	1653583	338143.1	3862290	16630425	69929.79	1.34E+09
2010183	3058733	129632.4	60524.99	249267.7	824231.2	1736266	461355.1	1440811	7414761
4363966	6099456	907813.5	1375588	1403489	2409983	1828256	1461898	1418932	1824618
333081.3	363515	84532.62	203640.8	270643.9	54560.38	211764.3	287809.7	962724.2	36005.84
12905280	15520445	99648.05	76809.25	1466473	5438732	19252608	38139491	10316.29	4395255
138059	237626.7	87612.98	155909.6	198253.6	4072987	174635.3	28415.83	21770.74	34331.27
84021.71	65343.09	22741.41	38102.04	47177.27	53139.15	101620.1	125096.4	8532.515	36061.9
446445.4	234836.1	135866.3	49706.28	255671.6	201153.2	788930.3	650822.6	116013.8	281363.6
29505862	14419154	8984459	5088251	16425854	24881150	45848239	41188861	8886177	22133214
99983.11	51391.95	17610.15	16105.11	20903.19	139983.6	129675.1	90092.46	139853.5	81809.97
105499.6	128014.4	0	0	4841.675	124087.1	90152.5	315555.5	6517.541	0
1762737	768574.7	930180.9	302551.1	526895.5	2756819	1613777	2639876	1103412	871026.4

176491.4	72674.34	60325	185444.4	336784.5	197943.1	514393.3	218656.3	60882.8	227277.6
193635	177265.1	5942.275	3216.653	19219.42	177954.2	290885.9	231019.9	41836	169552.7
315769.5	535109.5	0	0	0	53744.62	294713.3	1254327	0	0
401196.6	226214.1	99492.63	440117.3	265260	199344.6	422484	558849.6	81010.31	242027.8
2165407	2318245	592083.7	282207.7	659183.2	1442527	2400584	1055689	338429.4	924155.4
1450331	1031027	334720.6	205048.5	1114403	6008755	7869130	2034124	120287.3	725919.2
1699865	1355443	133189.8	124221.1	250859.3	2268430	2015779	1579833	139286.9	635753.6
1396208	894121.9	207000.9	64827.85	389105.8	914489.5	2532887	2073329	287171	724392.2
487309.1	455804.8	27876.07	29919.77	84730.94	315978.6	782836.7	1107873	106534.2	351540.7
316617.5	261877	41347.91	16890.01	102861.4	90658.58	582103.4	740291.3	81004.05	136558.5
464116.6	485014.3	58305.78	44168.27	84787.9	646397.8	296991.6	1030649	5218.823	0
36924383	44593864	896004.1	1333522	15249883	2225008	55664611	99307489	90687.2	6071431
2602048	4183997	6162.896	4028.52	27028.51	1210092	2170260	10012903	129775.3	419432.7
1292629	1376620	120605.9	268000.7	255694.2	72416.58	2204998	530905.4	120805.6	1830941
272956.5	333411.4	204141.2	718760.7	492537.2	888271.8	74716.02	17527.32	832986.2	195976.5
32356823	44968324	74875.62	62614.12	730799.9	3739524	48789827	1.05E+08	0	7336907
834310.2	913522.6	109404.1	119169	390463.1	952401.9	454673.5	274102.7	1191542	48988.47
3402294	3200124	7835.139	2739.587	176854.1	4190663	4237623	4972022	162019.7	2628313
2479710	1549018	13585.09	9353.415	802322.4	2014662	4421270	4399755	425568	2031922
11843218	6518891	6105197	3661944	9761994	4504546	17072865	18462674	1049216	13789254
4939522	5878104	3631217	276614.2	567914.5	1039047	5376225	14026213	83416.47	1048024
622489	730653.4	209049	280052.3	310323.3	363301.7	298777.5	138876.2	197099	216577
31301.76	38329.99	35912.51	28097.54	47938.57	333310.7	21437.76	80053.81	0	0
11724723	13406811	675235.1	599137.1	1766337	10630788	12947500	7425778	1204525	4464820
1621477	986128.1	4594.797	9622.714	41056.3	1879861	2720541	2062252	266727.7	925602.5
324300.3	435084.9	34056.84	150510.1	1034988	1446910	531932.7	309414	62703.76	41113.43
11698067	16234156	40546.4	86063.01	1509522	3592703	15059572	38968205	0	2822085
1620177	1192495	110721.1	95139.09	421484.5	2464075	1625065	2447588	170403.7	664058
207665.9	166011.9	0	3049.318	5439.091	37637.68	447167.5	464244.7	35896.9	160291.2
49632.69	35852.78	103465.3	32863.94	45623.28	926966.3	25716.86	16954.31	95830.81	70634.23
1501640	1654244	109737	23172.62	377872.2	350855.7	2474502	4119146	15491.14	160124.2
706305.1	350782.1	156579.2	615506.3	418104	433378.4	941093.7	1086856	240623.1	446296.3
125363.6	120754.8	21974.7	30697.28	28760.94	167879.8	84038.75	81511.74	51175.4	49064.86
1227502	1325162	390000	48870.71	971221.1	958204.6	712304.3	94896.55	331445	1943994
366943.2	348943.2	49089.6	163965	208414.8	350814.1	254687.1	187398.7	92496.27	108733.6
472325.8	422453.2	303188.2	326452.9	274056.1	421715.3	58834.2	375959.6	115395.7	73560.11
47186897	78312283	856108.5	630119	1865513	1658910	50811561	1.84E+08	0	2139674
2798840	1580437	517823.3	1123837	20233747	4987822	5351879	2779276	420979.3	3326294
156785.1	135751.8	52501.55	20826.2	111487.2	493580.2	7839827	139577.8	60443.41	47246.75
944316.4	480885.6	99955.35	148870.8	101890.6	1942357	439010.1	1549333	253558.5	801629
4916854	7595835	90204.39	18460.04	0	12041.32	6635832	18224124	0	2874144
175314.6	185617.8	10986.95	8044.108	55283.6	736330	21340988	395702.8	0	76047.83
508351.6	431545.1	141964.5	145403.4	161897.3	2015416	4009165	817228.5	27533.51	306791.2
5717775	4518190	1410351	33286.17	3683649	1465830	9535049	12744898	1945060	1874045
1195948	1592701	6300.665	2506.073	8880.068	116798.6	1949893	1404453	4568.196	361629.9
394461	249853.1	159367.8	176981.6	382121.9	1141592	1709639	399278.4	133768.4	162250
31090924	44891200	4866584	2841193	15173769	266770.5	29559428	1.08E+08	0	11989555

497642	368177.6	16682.43	20632.79	47836.59	212405.8	1003848	471679.1	46467.16	331267.8
176770.8	270034.6	183940.1	132943.9	457279.2	175353.8	706363.8	655005	4038.383	109551.4
5565031	4499484	5542.284	7434.576	360108.1	3461271	10523758	9567037	27867.59	1349880
1260982	1274459	316072.5	226092.7	899797.8	926896.8	1010384	3184469	127824.9	547462.9
636587.6	409210.6	60440.4	37230.41	150501.4	885609.9	808813	890982.6	92089.92	303771.4
380710	319714.7	0	0	0	138348.6	781167	627944.8	88832.51	403564.9
379717.3	248219.9	290666.8	306340.7	217053.4	264229.7	261260.5	507202.6	671797.8	468826.2
310765.4	229285.4	18207.21	24155.4	40438.59	364189.6	450167.3	364411.7	16863.64	131172.9
4468110	6045200	7988.037	0	204049.8	317219.8	7158362	14614854	0	1996208
480793.3	365892	19010.47	8275.471	25488.8	114863.8	1024733	275585.3	54920.95	524105
71403.88	65332.19	45346.96	60477.58	65575.9	1553129	119754.6	52370.14	30615.71	14155.86
29802167	40389281	201714.2	11769.86	263112.7	5407321	45987966	98210983	2119532	7979865
577208.6	495314.2	141096.8	130994	226847.3	4092525	2380191	1114249	81665.73	114853.2
2253560	2353927	645585.4	423883.3	811123	98658.49	3475447	1866133	74337.87	848081.2
328757.1	130231.5	268358.9	371217	334019.3	149051.5	178503	463989.7	186132.7	208271.4
4897304	2925071	734844.6	778110.9	1532844	6000412	6692576	4270495	1182086	3317747
198374.6	182004.1	0	17225.56	53389.8	240326.4	222022.5	164182.4	29436.26	61975.76
30824460	50550879	21979	8738.083	276677.6	1036224	36495498	1.2E+08	4788.588	10647545
1394434	815204.2	29396.14	5989.381	105205.2	216477.9	3182088	2358129	213351	1203400
565443.4	855080.1	45042.75	37714.55	122315.2	530167.8	150851.2	284479.9	100037	102902.5
4.45E+08	4.1E+08	99778435	49070811	1.71E+08	63118600	7.65E+08	1.03E+09	8229067	2.21E+08
715091.9	641442.8	195755.3	218572.6	246001	883314.5	509252.7	493550.1	194015.9	208525.9
46173446	63356597	6318345	3585219	7480425	8792734	57820608	1.48E+08	92468.07	69432682
213650.7	107451.3	75220.84	100443.6	236538.7	240030	136594.1	212413.3	41611.34	330805.3
32746510	38181557	1017603	751928.9	13624561	3593660	51173093	86064759	0	6400745
18447661	24518406	235283.5	98172.62	1061312	1223116	30044239	57436710	39626.16	5283324
1561893	2425060	383853.9	431426.9	301827.3	630843.4	642067.7	499137.7	463327.7	5898764
791675.5	841478.9	20760.23	8233.907	41440.62	73496.83	1542313	2119213	237357.9	499578.3
3494539	2007021	207868.9	173757.2	187563	1062441	7675948	4579504	597944	2390417
897940.4	1137311	167023.5	78421.77	192667.8	822253.6	633704.6	395489.9	205647.5	289368.5
210500.8	140154.2	0	0	6215.93	15277.31	486283.6	267601.3	40191.76	220166.7
334746	189718.3	0	5133.208	9089.72	435148.6	534875.1	354463.7	40050.87	345281.3
91026.32	17291.16	52333.97	102186.3	77296.82	85688.04	84952.26	119196.2	92824.91	89192.97
11373838	18379627	535140.2	605595.3	4888861	198332.2	9185635	43697088	0	3895619
197645.8	83227.55	155694.8	186300.5	71884.47	888722.2	436938.2	190793.3	108714.2	163712.6
287443.5	226618	150111	206259.2	166682.6	280216.2	119005.8	289857.8	95401.81	77066.2
7458489	7921844	298050.8	316489.2	586654.4	3554375	12457511	20616794	1625311	2381378
7313897	11355779	24473.95	0	190290.5	1083032	9129934	27172286	0	2408383
4684344	5707702	12738.48	20712.35	91523.2	2079841	7320700	10054947	35634.85	1175630
15997468	22496278	1435709	655690.9	5462879	3474385	17604364	54910802	93532.13	3693101
1654955	986373.6	178780.6	119652.2	260189.9	3151048	1151218	2945524	703938.1	1147673
351730.4	424364.4	217578.5	744187.7	3154966	84921	464123.9	1097581	77521.43	237725.9
1617898	1296864	175383.8	66421.36	430236.8	2452006	1492915	2217128	110113	607421.7
220449.6	235083.2	3902.771	0	25871.87	305802.1	188778.4	585846.4	0	45713.94
153727	198153.8	4799.589	5732.4	0	141982.1	154947.6	503187.6	9923.985	90089.99
280063.6	182678.4	15042.12	4749.83	11667.43	56435.8	624132.5	438808.7	359765.1	416929.2
612836.4	170455.2	837597.8	2964427	325360.5	811968	516279	893688.6	518553.4	637984.7

4007866	2411010	81295.85	34353.37	395038.3	689629.1	9067874	6879877	597235.4	3270226
663638.7	427297.3	38481.13	13156.68	35633.58	209924.1	1440212	834574.1	76512.2	531273.4
310116	283733	4996.93	2557.574	49807.47	233818	508834.6	452649.1	0	11171.03
766129	929640.8	329539.5	266895.9	432764.9	526794.9	198664.7	251789.9	2362433	807921.1
818949.3	429817.3	19643.52	4168.576	108142.4	58627.32	1905651	1286399	234034.4	704779.7
650340	339770.2	76198.08	40270.34	220531.4	870663.3	897284.2	845701	130059.6	511877
718820.2	535165.1	1206908	325441.8	4504915	60639.02	1528544	1640747	659476.9	476009.3
114031.8	66533.68	15191.11	6077.199	11971.73	251469.2	19679.77	161765.2	34285.11	114059.8
14184087	25012487	0	0	0	362401.8	14116643	58606903	0	5259519
77318.16	57497.53	101635.7	27494.78	209681.6	251124.8	41430.69	19148.78	17116.01	84948.59
12308478	8358300	1356479	730097.6	4706312	3382299	24320325	17997405	3869679	7050151
155884	49213.64	144716.8	198049.4	245097.6	139100.9	189493.3	142497.7	158830	128305.2
124170.9	138952.2	99061.47	618739.5	337246.4	106350	44893.55	56653.71	67804.33	372393.4
270046.9	162242.2	0	16169.2	89604.04	309046.6	418196.3	208200	59249.17	309521.8
1865105	940493.1	563833.8	278888.4	975397.6	1023779	3297590	2727353	533997.6	1225802
2803805	2038713	172590	296645.1	3411075	745891.4	3766036	5080201	658205.2	683731
3469126	4210213	277246.3	396373.4	2868291	761278.4	3396425	10670275	32035.57	1992987
577052.2	322471.2	271053.3	287659.3	344858	296267.5	840020.7	839602.9	45321.82	598080.6
17438702	8601549	5920313	2854217	9600146	14558430	27371611	24140107	4880131	13114229
1471795	870690	179936.8	79823.18	320007.9	2123126	1889979	1023305	2549237	1580936
398515.4	105096.3	366577.9	566016.6	540746.4	378194.7	432399.1	535437.8	260147	427920.7
385068.2	285937.5	157574.8	56422.74	464028.9	2296590	1033740	504996	58638.49	96672.76
255162.1	163649.8	11106.17	9326.193	104369	254411	404457.5	338560.8	12723.5	218163.9
1202788	918724	66277.7	48337.97	772882.9	9970295	4763570	1900180	39689.79	481734.1
173568.7	142691.2	44517.08	28317.99	18372.47	79361.28	307764.7	340946.6	8960.822	40290.22
2720852	405732.7	2077458	2718659	2873617	2674295	2121496	2717455	2423048	2222781
1087708	1262110	45406.96	233672.3	570625.3	964573.6	769752.4	2187620	165811.6	166629.1
2412626	1549437	180704.9	237255.4	219340.5	604250.4	5201579	4977529	1149767	1296376
651734.5	667725.9	34869.93	41874.68	68407.14	1789571	64294942	1424396	20855.52	265292.4
355290.3	134505	145190.1	144867.2	178826	2687526	1062020	298616.8	222003.5	567876.6
6932685	6558674	1654102	3061612	4466536	5316510	5460670	4097271	6019457	2568809
44558144	55739958	1822178	1267344	20598871	491136	66129875	1.23E+08	0	10715568
798605.7	482004.8	219044.6	102822.9	496665.9	361341.2	1367138	1301259	273483.2	300433.4
17983754	33249282	155711.7	131715.4	285170.2	2948211	12618379	8720781	626463.3	2493280
7684170	10425765	37828.52	40551.86	367127.5	439777.7	12574966	24448914	9152.375	2146366
148198.8	110057.9	79967.27	26752	256954.6	1430008	238207	330337.5	45363.49	88839.3
340307.7	320817.7	0	6569.212	17266.8	268769.4	565163.7	728613.9	0	19727.64
288887.8	167119	168419.8	30705.62	237279.5	614990.9	9616998	326998.7	87717.34	147279.1
134132.9	60214.68	128395.9	55915.7	149661.3	293598	305169.4	197495	35770.11	132689.3
399849.5	453556.9	9249.124	0	41551	323007.9	541498.2	1133334	14423.14	55859.79
271687.4	178497.7	3239.485	5313.114	7674.577	321064.9	446175.2	431819.9	15458.69	184072.1
258586.6	347080.8	111385.1	14545.06	29654.79	68700.26	284497.4	870020.4	5736.076	142716.9
79215.05	37527.88	53002.97	66045.56	48997.85	226554.8	205931.9	108265.4	18707.06	68638.38
80677.94	61864.94	7585.383	23364.89	171701.5	2276593	95628.31	91531.12	0	56351.42
221456.4	355387.4	0	11662.34	9278.162	132770.1	162776.9	46870.64	0	17661.92
1764412	1321913	5595.668	6865.265	141377.1	1902822	2884350	2998898	370613.1	928253
460586.5	317269.8	75486.62	66342.21	29985.67	204913.5	912887.8	738538.3	36574.67	317391.6

278512.3	222742.3	207714.9	436293.2	170974.3	590565.5	618908.9	369577.4	92307.48	235048.9
72524.92	27031.65	68551.97	87751.77	33863.83	333483.2	103982.7	112114.1	42789.59	53562.78
9272922	6131457	318394.2	65746.2	1067852	2323108	20379852	16068573	1904187	4128040
2296558	2833751	69217.75	346958.4	310031.4	1939157	2355850	1268624	249201.5	773348.1
920996.2	72288.85	723476.6	897900	1085215	831237.2	708847.7	925534.6	834996.2	861775.3
5847157	866883.7	3708847	4572505	4388790	7024618	6155590	6290294	4977624	5681109
6811085	8643844	0	0	0	697792.4	12121327	21448456	0	2588275
270191.9	370583.3	24537.62	44457.04	55560.6	196497.2	205733.5	76690.35	42782.03	93913.09
1550351	1577759	184697.6	17369.49	344056.9	2245595	1134178	3519914	0	110737.4
2290731	1532538	56698.54	57035.73	886925.8	340868.9	4826590	3911101	221560.4	1232899
174701.6	120541.4	19936.17	39748.96	92585.9	56590.33	313651	104788.1	29276.99	148788.7
434848.5	337901	0	0	3626.293	9785.576	1000808	961720.7	59323.53	297948.6
540732.8	357617.1	103296.6	112734.3	114665.3	217582.5	1038293	629094.5	102763	312484.4
201246.5	311387.9	3135.791	19471.86	0	141648	149299.5	83469.4	3658.264	32502.07
151541.6	58172.98	3777.554	0	0	10184.13	370970.2	238274.4	165373.2	99218.49
70561297	98592809	123819.6	86695.72	1455574	5541274	1.13E+08	2.33E+08	0	17506178
1179524	282015.4	788701.5	987575.7	1003904	1395715	979146.8	1284329	929459.9	922022.6
2971681	3379591	0	3526.769	0	850042.5	5439203	7387376	94700.3	555648.7
183361.2	51930.48	22959.88	3529.898	34019.7	279583.7	262546.1	150100.8	206752.2	114894.2
1077429	963863.1	52471.05	3851.03	111664.3	1615386	1094706	2414644	43491.87	268028.1
150717	76995.45	150111.3	43913.61	186711.1	808426.1	234232.1	166537.5	78363.84	70313.25
1408273	274346.9	1400317	2060264	1853422	1950442	919692.1	1147229	1315056	1196585
229846.4	187022.5	50578.24	51688.2	104671.1	224918.4	271106.5	99238.95	16025.19	210709.2
55039.98	16665.1	102961	493528.8	37033.09	64680.51	12937.61	81289.06	61581.97	45153.57
30004475	23592467	421199.2	268407.9	1264047	30836772	49780935	38183356	4625836	37880350
4785036	9268498	187575.1	155450.7	1647647	347043.1	1329580	649223.5	208633.7	560679
94859.5	139344.3	66321.04	136066.3	460232.4	117245.5	128398.4	342516.3	16747.44	58781.74
125938.6	121480.5	0	2091.612	12287.72	60792.93	232023.8	178284	13514.11	146528.6
1.61E+08	2.31E+08	14290539	8657244	50409347	2594173	2.05E+08	5.55E+08	0	50235951
10302155	11360019	425740.6	262220.2	97281.81	3304244	18667484	28363632	761257.9	11477882
12035422	17681008	7371.44	0	0	0	18937828	42094469	0	4076699
8584878	13890741	202915.5	151081.7	400793.6	1961804	9255464	33133949	46723.03	5778459
370122.5	90875.8	806976.8	972647.9	312106.2	324999.7	197591.6	522097.6	321117.9	284492.9
4598020	2295979	1364382	769881.5	2578725	3796628	7337483	6786639	1342780	3479106
428678.8	444725.8	92482.19	6743.805	136448.8	155461.9	674749.3	1183155	79371.02	172094.5
5665929	2924909	628008.4	972165.5	2319586	11260737	2166751	3851329	6418607	6204680
2421495	2548579	384798	90693.15	1431762	1913187	2477876	6234668	208061.1	1137993
1699056	1553758	263644.2	92089.63	338804.1	913161.8	2890483	4197061	20511.89	966233.2
520753.4	832730.1	7050.058	2312.947	2573.585	8180.006	696537.5	50641.85	13352.45	561048.7
193710.1	137126.8	170438.5	200927.6	202487.1	2752805	155220.2	289307.9	151004.9	56608.64
4757913	6585742	61140.41	22648.94	382794.4	777037.4	7235333	15935106	0	222336.1
162427.6	105062	150426.3	178748.6	90220.62	596136.9	269756.5	248021.3	43641.61	94420.51
7297501	8667592	5758.413	0	0	416537.9	14023621	16123826	0	2572525
402476.3	545553.1	3188.328	9254.984	11838.03	25099.24	668811.5	334049.7	6713.667	36939.06
250289	181204.5	43541.01	36834.38	78059.02	94649.51	469495.4	448282.8	0	138918.7
262461.2	206313.8	4322.033	11016.1	44967.72	345537.1	345448.4	332515.2	12685.49	81944.25
2.67E+08	3.15E+08	2631776	2173618	28526181	97259063	4.43E+08	6.82E+08	1925762	5.27E+08

57292029	93995546	17504627	10731139	50523550	154315.2	397390	319054.2	68294836	2.17E+08
869526.1	742781.1	318394.7	462876.8	342131.9	852468	710448.7	705416.5	34592.89	358266.3
352427.2	304873.4	31423.13	55759.19	59636.15	302237.9	537776.8	330811	9338.77	176575
11991909	14617126	52437.8	32573.68	2846609	4463505	18173267	11590979	30683.25	2354049
2458436	1694814	186753	179230.4	770577.5	589770.8	5051361	4063928	825892.7	1449964
1619781	1633170	113491.1	47892.92	148583	676567.3	2916230	3677876	158764.7	647576.1
191343.3	55997.66	166648	175526.5	134383.2	500594	325064.2	216195.5	108892.3	187775.3
485223.9	396185.7	0	38995.72	237574.2	334648.8	778789.6	321211.7	0	946453.8
970678.2	946274.3	67988.64	39774.47	46158.78	196681.8	1928671	1787236	270502.9	259657.5
981315.4	298588.3	990468.5	1293988	1039151	1312505	980961.2	938144.4	853620.4	696684.4
252277	166126.9	42786.51	43154.24	80077.18	315608.3	326195.7	294377.2	43139.28	129199
387189.1	264537.8	159703.2	251751.7	218251.2	502175.2	181377.5	704595.2	105465.2	161770.8
34806010	42756282	1475043	2188884	17448061	723340.4	51919986	93143983	20499.27	9447194
2252220	1776315	492340	122558.6	587909.4	848291.5	4212557	5133526	871388	699934.5
255601.9	155354.8	131084.5	130246	92612.35	107107.4	402502	294623.5	38881.7	174583.7
169395.4	196447.4	35604.61	33904.06	203146.7	1671530	429736	19312.8	5438.328	84222.11
1644113	387391.5	1256510	1631468	2135859	2413106	2001414	1510669	1384071	1273892
1302661	777553.6	143714.4	187136.2	1014944	566331.6	2230883	2120419	192083.4	838937.1
830599.9	638451.6	28136.24	46354.83	61804.42	248268.1	1756125	1348004	423054.1	608158.2
664268.7	367356.2	90446.22	43427.45	256474.9	822326.4	957322.2	844899.6	157535.5	522816.4
778889.9	658313.9	38012.15	23857.98	87399.71	1132248	879356.2	911993.1	94923.4	173915.9
316425.9	191866	178222	197793.5	4429285	180100.3	632427.6	534695	129956.2	106474.3
1164662	1231929	91547.63	16572.26	625725.7	564352.1	1631780	857575.6	0	237762.6
494631.9	335740.9	6308.466	10761.2	18181.55	752413.8	650127	666859.4	31865.01	249555.3
23887736	35130822	3870456	2297959	12214331	246289.8	23245268	84494893	16273.38	9606133
739077.6	600310.7	57600.28	2273.846	77868.5	27327.43	1628861	1587000	342653.2	980980
1025313	428230.1	104582.4	43913.17	205362.6	1602882	1369308	727088.7	586989.6	848534.4
207442.1	87359.84	86619.33	35522.1	93697.65	2245868	616568.4	195782.7	75645.68	303660.3
617045.8	423055.9	99397.14	60087.68	389831.2	7765165	1908477	1062682	44506.37	323611.5
589303.5	202409.2	6853.664	6577.95	98645.98	874048.8	896101.6	895741.4	396827.5	676198.2
18844378	10338319	2622716	1072304	3326331	33954614	17444854	31980279	7541870	13975349
10777732	16444456	0	0	221208.2	243094.3	15930859	38869512	0	2637953
353654.3	247718.5	177092.2	263469.6	234924.2	1426764	930552.1	208732.1	142061.9	226368.2
2229499	1596330	194513.7	19867.87	595565.3	4154592	1433799	3266325	210964.5	995794.1
174911.5	227460.5	0	3261.313	18807.6	60273.43	264597.6	573014.5	5839.206	117483.5
235198.8	169726.4	42092.65	16229.63	83158.82	118386.9	429880.3	268901.7	36549.7	146651.2
2189523	804924.4	275700	335872.4	529339.6	3554045	2664858	3244964	2457212	1008468
1160240	1328529	29229.21	6857.695	42432.36	162767.7	2202686	3382526	195555.4	228162.6
12878503	12933973	2471950	1826269	6564874	2440906	20043751	32813685	0	3726114
1350167	1243601	3325.207	2808.934	0	1535153	1982933	1502336	249356	1404879
48291505	22886296	16603210	8406197	27483798	41393532	76113080	66388432	14700336	37242810
6610962	11162555	6919.932	12894.89	680303.7	139742.1	7557877	26367149	0	3678856
147782.1	95921.6	43532.1	49003.22	18510.34	244265.2	114388.9	243005.6	56105.05	63052.83
13244959	8511046	458081.9	330759.9	2155498	9564360	25698232	19806651	1651953	7076292
60403.09	46055.47	13407.67	17768.51	67278.68	232121.5	213753.4	85455.32	0	32203.64
363484.8	212265.3	220432.3	460687.6	62378.15	434483.8	52106.81	169188.9	512481.5	434990.3
4806914	4789291	75279.22	25556.27	158816.8	1885953	9232006	11082492	450143.1	1601795

129210.5	134678.5	168962.5	272258.4	197903.4	359956.9	21681.21	228809.3	4719.203	5445.094
296536	382245.9	233749.5	102260.2	129190.6	1236988	1224342	977511.5	94773.63	89929.3
8716365	10075742	3502.431	0	55370.22	1291330	16755321	22847765	140905.1	1454089
15354710	23431435	16071.81	17652.65	211798.5	505407.9	22788639	56270552	0	7165252
5082427	1146299	3600127	4790260	4671596	4274212	5358296	6768355	3958949	4101130
346028.4	282978	319615.1	414095.8	3691306	256675.2	318199.3	205743.8	77697.04	585997.1
30378621	51476585	96861.07	0	257681.8	780131.7	36849151	1.21E+08	0	10768641
2726308	3019336	192966	2241.282	219681.3	184000.4	5295837	7842191	967430.5	2540226
1427919	579794.7	544792.3	296742.4	1459985	1023520	1991369	1533473	457678.1	1492084
167499.8	119972.9	90219.18	17906.21	112175.2	75561.15	243424.6	58903.54	61776.76	126916.2
835531.1	610529.1	507102.6	346895.5	897134.4	7319747	1503042	1271885	129019.9	269065.1
548483.4	543681.3	91563.57	139058.3	114639	605629.7	546428.9	1516184	329720.6	218006
794071.6	364009.5	113246.1	87579.81	505720.6	948157.4	1109200	804076.4	652523.1	279194.5
405325.1	183126.6	35453.08	48705.17	64923.82	691121.7	464970.5	488253.6	321735.6	273970.5
1708881	743101.6	1058666	785413.9	3193623	1670594	12218942	1260201	782212.6	2748404
209577.6	70123.32	29024.2	22356.9	28882.28	327134.5	288211.3	318527.4	178282.9	183434.4
170106.4	174895.9	89528.31	174223.1	105853.1	809979.1	387584.1	190689.8	4985.038	52677.7
4820147	5904915	3874702	5757170	26014813	2374254	9173711	15081319	4435.04	3660530
641209.6	366002	167305.1	193806.5	412815.9	3145750	2328896	979467.9	123662.8	395826.9
13375368	28327226	39669.01	5121727	117681.1	141559.7	627952.3	200682.5	320384.7	608130.8
201299.2	77656.58	243703.5	198793.1	97844.01	327156.9	465248.5	329038.7	146214.7	132498
1658929	369252.5	1185271	1572953	1665813	1210045	1740877	2152701	1402876	1233458
451200.9	66675.68	237802.5	635000.9	384108.8	435627.4	142001.8	436398.2	391335.6	523935
530438.6	747197.8	259293.9	272839.3	256579.9	150400.8	107450.7	7640.524	1786480	652317.6
76049725	97554562	2275935	1820942	31248946	1524302	1.17E+08	2.19E+08	0	15881217
8827565	10195779	9747.562	9365.252	140730.2	1231279	17046261	23550410	79970.32	1588966
424730.8	279624.2	19735.77	2233.984	115129.1	352419.7	771204.4	494623.9	229931.7	123633.7
100389	64157.26	46582.37	96626.71	104889	329179.3	186843.2	92189.25	22784.58	57230.86
41086923	69404621	341352	206671.7	951454.7	1804951	49370314	1.64E+08	9976.881	13334092
446017	309609.8	191759.9	303663.1	241279	458247.8	351211	521826.8	133527.7	124033.7
554093.8	348970.3	29426.67	26096.83	83851.56	325983.3	1122829	814849.3	52453.12	432692.3
695552	546977.9	615302.5	615699.1	1983823	310000.6	1921504	1594115	182698.5	589396.9
136319.3	99711.67	15016.46	16539.69	58678.81	57224.86	251489.8	221874.2	8760.804	77790.76
2000889	2555321	873821.7	1170985	145568.2	1071436	1233109	667167.8	1210009	387059.9
1413405	1669020	1140115	1049067	336001	171520.9	736094.2	4345494	1203792	536691.5
65924373	1.08E+08	7196138	4134222	23869591	647755.5	60367757	2.56E+08	51663.32	23829116
15899820	20523260	738750	590138.2	8182590	381775	22765205	47817778	11984.45	3896916
6462908	4145541	1016069	1142264	2057950	7692968	8989326	5650398	1550834	4097403
16146483	9622058	599287.7	392249.3	2321426	17387045	28130916	23256486	2350045	9894111
298607.2	153099.1	195096	293989.9	254899.4	311835.9	65513.67	435339.7	139955.5	133398.3
1721753	1293127	370862	311387.3	1074454	2680820	907406.2	918317.8	248459.3	1400151
5208090	4556912	860764.3	348507.5	1227232	3865929	8321690	11752238	577025.8	1862994
1261160	768877.5	407730.2	234129	632562.4	495352.8	2260459	1856614	440441	471638.8
37484041	69901427	1390011	971567.3	23252366	6709354	5140734	11557467	376656.2	2794118
26408734	41866150	38058.43	167277	1479082	2071338	35360102	99566825	0	7675980
1519498	915684.5	190687.8	154409.4	467676.3	2213679	1862918	1947023	295843.9	799750.2
499900.4	470919.4	0	0	20948.49	527632.9	755582.5	748349.6	119662.5	398994

7560377	7618963	1537969	1577639	1537691	6505986	9282659	20939084	2632964	2924755
516673.2	298054.4	152178.6	87090.46	432722.9	1925839	2235837	990132.4	271582.1	552734.3
5338221	3581665	586281.3	360887.2	1985391	4850234	8775304	9577639	870648.2	2484855
87707.38	64697.69	0	0	4383.233	0	206546.2	91059.34	7434.292	165370.1
124998.3	81996.92	106646.3	119158.3	84018.55	268674.1	316995.3	142493.7	11170.46	79460.02
277267.3	102733.8	244427.5	289793.5	311242.4	453528.2	348892.5	114042.3	253435.7	357318.6
309221.6	575107	0	33180.63	145202.1	41867.57	97590.14	19969.31	53784.58	1337369
570279.8	567999.2	6934.555	0	31710.81	183418.7	1126190	1145455	112324.1	341888.7
2498361	1842370	306716.3	160195.5	1839897	1020967	4195691	2908777	990498.9	1060643
5665720	4007038	2809617	1739666	2591720	2321653	8845652	11057124	123029.8	7426272
1407909	1718548	5624.125	2698.442	4412.01	1259300	1823463	2870147	35153.75	355536.5
590410.8	723502.5	90591.14	44358.3	134392.5	160831.2	874425.1	1838050	86142.47	86743.85
172764.5	126093.9	57246.57	63054.42	73206.09	783829.4	709569.7	153359.9	38587.86	148959
6827957	2245762	4111849	4884391	4833132	7181329	7599666	6290608	4252145	9756462
436258.7	362717.1	34094.94	11656.82	153138.6	236697.2	781054.2	897399.8	125079.8	444312.7
258445.6	183779.7	93637.88	77900.25	47558.22	330690.4	286517.8	125969.3	72300.98	342577.9
437684.5	342564.5	0	0	36519.69	212982.6	902211.9	801660.9	30256.76	152141.8
830253.1	1221397	80268.77	520272	98974.61	549205.9	281500.8	401104	73112.39	294815.6
2573122	1488855	818376.9	431916.2	1327006	11854881	11008089	4194183	520179.6	1600720
206383.4	23875.14	205349	148722.1	160167.8	285114.6	35541.51	233743.2	230795.7	190407.4
2344787	1327641	167578.8	169178.9	181875.7	449651.2	5364186	3670848	433912	2059813
234219.4	164751.4	57661.08	42038.25	312107	1094635	648101	72265.96	66902.87	236103.4
1889343	2448008	217097.8	86075.16	930657.8	1558200	1350384	781910.2	314978.9	808534.5
134312.3	193369.4	365075.7	0	179918.1	85477.18	783329.7	474621.7	9195.78	67947.57
2523201	2099109	77249.47	84038.63	426009.3	3007329	3576873	2357015	120731.8	1099784
15474638	23642609	1844752	1189299	5584328	806107.2	16662663	56845319	76053.24	4390861
195987.1	115696.5	55488.89	30919.23	117415.2	119998.2	327111.6	156369.3	76684.85	209248.9
7022440	6231240	963305.2	189170.7	1471410	9399311	7827232	14382902	838392.4	467137.2
700340.9	472447.6	88169.16	83009.17	118794	833663.3	1046602	1022703	90737.19	372816.6
3010267	1640135	811265.4	385831.6	1295324	1345284	5740306	3496142	604121.7	2209228
30542699	27482963	10579337	6375026	10908747	8398568	49822883	75799546	1421253	28555427
171643.7	152505.3	17973.3	13600.15	61368.8	54377.75	314422.7	172019.7	15488.4	72543.32
129758.2	71123.39	3111.565	17599.84	0	22571.37	302598.5	174404.2	5334.231	141999.2
1372521	1273822	2375639	1310643	4802675	393508.9	2159378	3267060	0	1972477
6173521	7853905	614154.2	261015	4313089	774490.2	7482472	19780667	0	4207149
868939.6	583625.3	24606.61	51867.11	108058.3	191976.6	1934806	1089031	105413.8	822561
3.58E+08	3.08E+08	80223320	50111574	1.52E+08	64144254	6.46E+08	8.15E+08	13770894	2.02E+08
85399.95	65298.24	56291.06	58857.81	29607.36	352736.9	254313.6	53722.31	25390.58	36145.3
1520142	2181094	112598.9	131033.3	325448.7	268375.1	1969675	5351745	219353.1	451713.3
119440.8	102386.7	0	0	0	162267	163394.2	173184.5	19951.84	60017.53
270359.4	213088.2	86201.1	187653.2	292207.9	1827618	507568.4	212998.3	58823.6	156697.5
17437166	12274639	2442958	828824	4201775	12015509	32118005	18546618	2904567	11220597
4.7E+08	5.48E+08	5833611	3336366	56330833	1.74E+08	8.06E+08	1.21E+09	3472512	8.92E+08
252402.8	213587	54095.56	61253.11	40612.19	252649.8	341056.5	178677.9	57958.12	69258.75
136554.4	55450.46	38330.44	53929.77	61343.8	199563	150123.4	169934.3	68915.28	149391.1
205048.1	140518.3	43939.16	53250.73	80167.45	77350.16	374780	303037.7	15079.29	104041.8
2279797	1464928	213666.4	183359.3	540137.4	3263432	2954300	3448906	413230	1057700

196257.5	171572.8	98038.04	66871.47	93287.3	770415.5	825875.7	115754.1	178615.4	495579.4
123260	109824.3	14377.07	16258.95	91846.23	290502.6	2264126	168081.8	16076.92	33594.51
235769.4	86113.85	202396.1	308462.3	47216.63	854796.5	426193	181612.6	253174.3	267740.6
248966.5	410089.9	3435.23	0	4429.618	201409.2	156609.4	31709	5264.795	25395.62
388111.3	140113.5	191779.1	118569.8	351730.4	3258823	812923.7	481251.2	204369.1	298902.4
107057.4	92927.23	27071.93	94747.7	139182.7	1733813	98974.06	102537.8	10124.49	73622.72
81398.73	57727.79	47886.44	61992.58	78616.86	246334	180639.9	131299.3	25261.53	31784.25
179159.4	189170.4	54361.65	43858.66	74520.84	202072.1	109276.9	34494.39	153381.7	501322.7
243608.2	176413.2	21823.7	74794.99	99788.93	346474.1	234515.2	536907.2	84423.04	140530.2
193514.6	222998.1	19356.76	18650.97	6779.052	773494.2	2066670	318591.8	10581.34	68805.95
102899.3	80049.07	167763.5	79108.72	302995.7	101030.6	104854.6	197018.4	13130.68	43583.13
1342102	1254572	3100.289	2632.156	40321.88	1160518	2286196	2586311	162601.3	587940.3
172035.5	152351.2	11133.46	31105.6	87308.52	860489	828357.8	279786	20170.36	81193.41
393897.7	496316.8	656480.3	863257.4	729329.5	541238.4	284993.1	208155.9	257294.3	1273798
654024.4	415479.3	71842.02	29923.52	176611.8	972871.6	809645.9	854422.9	109280	311298.3
187618.9	215088.8	9194.657	0	19790.77	148642.7	12219389	409549.5	35048.02	49663.33
379855.3	58884.49	234562	342083.8	419556.5	406232.6	305336.5	355211.7	330819.5	336092.7
1.83E+08	2.72E+08	1371372	1135468	42994001	7759580	2.62E+08	6.56E+08	0	37280221
23264161	24718609	1724275	27089544	7139720	4628103	20610906	26553291	2503732	4384933
169307.1	45332.54	114956.1	88160.08	95822.69	171552.2	227671.2	188568.4	152307.3	123035.7
459679.3	535068	155427	211200.5	148767.2	310527.6	339472.3	1259457	79424.84	161068.4
3581673	4769885	1394404	115953.8	1131728	828394.2	4113642	11933360	0	2652773
885471	566539.5	67943.78	83099.82	384675.6	1322010	985698.3	953615.6	158788.9	590841
58060.42	38781.02	53227.12	42006.64	51984.76	212257.6	93755.39	85988.72	11345.26	20605.21
130541.3	86000.42	0	2753.015	0	659468.5	950436.9	172495.6	127716.7	48066.37
6366570	4097612	523354.2	400965.1	1511614	9376151	8101154	7692361	858318.5	3367791
1339098	1042473	75039.11	86165.98	225451.6	1853016	1709374	1728936	200182.4	1057945
1661677	1628253	649940.1	282717.6	1713870	1313987	807848.9	4069183	242653.1	1017391
16878100	8569744	7403370	3021628	10855451	7380795	29201445	23589078	6956624	9053107
611457.2	503861.4	39039.09	48585.79	189877.8	166349.5	1211086	898837.7	0	161412.9
316326	227547.6	50211.02	72814.3	102296.6	395687.5	389738.7	363759.8	49335.31	111476.3
4545818	758439.3	3611115	4482868	4809149	4332631	3650556	4928150	3882000	3754955
665742.6	708597.1	0	3160.829	0	539623.4	1076626	862702.9	58964.68	632831.9
787166	108408.9	694070.5	820018.4	702559.8	809576.4	644911.5	911136.6	661485.1	685255.3
568467.4	684961.9	335681.7	369260.3	65174.29	447331.4	168927.5	1767966	484720.9	99736.56
2434681	4780513	14937.72	34577.5	942060.2	401842.7	745681.5	113307.5	29012.26	288434
876367.3	492520.3	32723.42	55752.57	273296.1	1286658	1169518	1312276	172599.9	549853.3
742751.4	1062379	444904.5	448128	419094.4	58983.44	97613.57	43504.41	2507610	983169.7
1128460	1103484	343952	210030.6	1321013	10455594	2454566	438893.5	106559.4	492474.4
1505045	1357622	184532.1	162262.1	186683.6	1814196	1907254	2301136	68964.87	1208331
7984805	9207672	238330.2	167878.1	321443.8	782591.8	15643933	22539574	673016.7	3590275
92521.32	26085.35	72036.84	52234.18	37961.24	58055.33	144134	116244.7	91676.57	93141.92
229305.4	179460.2	38570.68	102763.8	74417.12	324237.8	182526.2	116755.6	12099.39	214143.6
321872.4	308015.8	153138.3	138035.5	145323.6	442616	37609.8	169589	53111.26	127622.2
191981.6	188688.4	2270.728	2680.246	24886.49	48141.54	386596.5	151735.3	69117.11	147848.7
129165.8	59488.26	34113.45	149798.3	123901.8	83580.25	107829	219204.8	94978.27	104287.5
604423.6	533681.1	61822.33	221805.4	112651	879965.1	487650.3	284767.8	537833.1	1529804

199635.8	215824.5	9308.048	0	14473.94	151850.9	314404	573662.9	41631.48	190085.2
15066221	23945860	192775	147723.3	1833152	958759.7	20284738	57122150	4617.685	5403115
179158.5	84775.88	12236.37	16363.57	0	116864.5	383285.9	251775.6	33775.55	184096.1
251693.6	256793.7	0	3425.431	16413.93	15273.48	536027.3	190862.6	20137.63	304659.2
356586.6	200361.5	0	3466.786	4341.111	4189.507	883453.8	456421.1	14866.26	401861.9
705144.2	709952.3	8210.429	0	12195.28	534077.7	1214845	907055.4	79675.04	680974.3
813647.3	740051.6	197920.2	61463.02	334122.8	244201	1409947	725153.3	87956.78	110386.4
1169559	1070254	207902.1	95092.55	366389.4	377627.9	2115403	2959761	455653.5	276095.1
62598370	31742961	11806345	12457020	36085940	74852376	85436781	76602480	9038607	68152647
5081499	4567505	6515.744	10031.81	73304.23	5749421	7864401	7903711	804208.8	3664870
664589.4	517599.6	22196.1	22726.82	102818.1	1041244	749305.5	797450.9	62622.58	203183.2
408492.9	206168.4	0	0	24809.18	853884.1	319030.1	457591.7	85889.52	357767.7
1505333	1443555	5503.942	2120.879	0	1783562	2163194	2023879	246894	1155321
1571682	793070.7	194211	118664.9	452036.9	2142319	2295132	2149708	475462.9	1005157
42762552	26366535	5509796	2231678	10475312	44929552	71628610	41920833	8167291	28925157
4958379	5158602	53506.19	12115.19	731238.1	1598105	9485433	12825136	0	2714554
21285397	31334440	3598603	1761446	10989889	195260.7	23024283	75545808	2291.283	8908036
115357	70698.25	0	0	0	112707.7	222537.9	214555.7	19257.37	90118.98
987994	909812.1	52664.75	6919.154	62692.86	177640.6	2109426	1768970	250014.8	624455.4
876324.7	558241.2	446671.1	137620.8	1216888	725789.3	496569.5	1425577	696990	556454.6
5161800	4942716	16854.81	9761.782	143655.9	3548876	9453643	7585127	888162	4060753
2054293	1450375	3054.038	10473.13	34512.1	802184.8	4576614	2601475	420763.7	1641349
797431.7	684899	1132817	818356	1351623	3584105	70476.44	531758.4	706979.2	276560.2
252909.8	45022.5	198269.4	303297.6	249605.2	406933.2	284392.7	288450.9	212234.7	251440.3
586681.6	303578	152397	60576.77	396920.5	435925.4	970715.9	477708.3	261252.9	395013.9
427335.9	448606	0	9704.797	0	439425	623899.9	730351	52273.43	285474.3
2E+08	3.26E+08	418909.4	49171432	2.5E+08	218243.7	3046863	7.53E+08	534407.9	2.4E+08
89311647	1.18E+08	1604718	1689121	29217094	4007548	1.44E+08	2.75E+08	0	20095886
26780026	37938042	1035898	740861.7	13010114	523526	36048495	89802567	0	6428066
11783826	7785793	1762062	500261.1	4190446	5561165	23187396	14580691	2282264	6698940
31222816	40267867	392239	490090.4	15255713	511842.8	48856493	93362451	0	9542208
16603914	20649404	125422.2	360557	7987338	484437.3	26994263	47729384	0	3955389
529835.5	401143.3	20325.13	67991.18	22681.71	55629.67	1196590	930223.7	118477.9	161107.9
9443551	14970178	36571.46	6461.898	37491.86	683642.1	13874902	35629934	636990.4	2357874
11568972	22065931	2539046	2296116	4029969	1570779	1702017	3311858	825952.7	216842.2
258625.9	120326.8	0	2684.323	15236.43	8007.807	644482.8	410279.2	85203.83	248352.4
283203	200857.4	59089.15	22082.65	100729.6	111296.3	547200.7	598560.8	355829.3	112728.5
417229.5	211920.3	119595.8	96901.93	324183.5	238881.8	683788.4	652051.5	131573	270136.3
1.47E+08	1.36E+08	6122640	3309630	9865173	1.06E+08	2.62E+08	3.63E+08	1977473	72347287
58791953	58016373	11133976	2739064	26839904	15054737	99978343	1.35E+08	0	24815864
1947344	2805136	0	3939.578	0	89390.73	3334173	6902915	689568.5	972725.7
401915.8	268544.3	33248.8	46057.35	54351.91	230508.9	809909.9	359446.3	78246.96	341167.8
647696	787156.1	88198.71	68542.36	206097.8	257087.5	898145.1	2021790	59119.68	228049.3
773467.7	477841.8	166118.5	626370.4	1120778	0	677846.1	530834	48411.87	1001989
368427.7	256639.6	46014.78	5041.042	91270.64	88159.32	791949.3	637651.7	158233.7	79179.26
157649.6	202263.9	0	0	0	82905.9	249587.3	509350.6	24436	133515.1
333744	295098.9	14156.47	2557.107	2610.963	256270.9	615431.3	524406.7	10961.25	253949

272634.1	189239.2	11598.52	17909.92	10741.15	234825.7	517402.1	480725.5	109620.3	109032
1129469	1072220	363915	326412.4	664035.2	495941.4	1457359	2008477	169999.2	682265.7
5749385	7330827	116363.7	0	179780	1096898	10375700	17979116	240217.5	1439271
4263328	2688657	531694.8	162103.7	829123.1	8179693	3217047	6930640	761264.2	2075976
1319290	701845.8	160313.5	51549.77	543220.7	1029233	2454376	1530576	262919.4	988465.7
422677.8	696269.5	50669.13	79796.98	41312.56	95012.3	392763.9	66720.81	36931.26	43865.34
7178127	4142846	994790.4	368990.9	1079470	13935044	5655611	12931719	2853472	4937546
106277	81846.14	6189.252	0	11619.23	180865.4	109150.6	138580.2	38252.95	49633.17
369739.5	572129.4	19241.27	28073.01	29965.61	226573.7	343387.5	72917.18	119456.3	148360.5
4515920	2787826	158841.5	124238.9	640019.5	4749156	8082460	6739973	575617.6	2604064
901667.4	1171028	2523.009	5101.328	19688.49	35404.56	1705294	2917267	160634.5	683796.7
171339	111351.7	23493.61	12519.66	55544.49	158948.7	291016.3	117101	10913.6	221229.4
77112.36	63677.9	28110.31	21178.01	26690.01	86424.18	81435.5	56754.81	4045.583	40740.4
1256532	819802.6	89208.21	94074.94	131619.1	776870.8	2563929	1780689	122498.6	701764.5
107666.5	134661.6	0	0	4961.099	145249.4	89711.22	89122.46	0	0
581065.9	486150.7	98510.36	115116.1	154231.1	132834.2	1120301	1365683	48722.94	369614
1000146	993745	548465.1	955738.5	1874967	1046790	3702914	481837.7	46948.47	1400472
12812543	15479567	278724.2	17908.86	356307.1	2374861	24289614	37875917	467442.1	3516851
378848	452547.9	23116.67	58068.66	152846.2	363282.9	333349.8	1159072	39170.86	108806.6
65559.36	55527.4	6046.89	0	16906.04	115852.1	46677.13	31101.43	16268.84	28931.63
67459652	98938127	6814769	3788772	16888386	1048919	95327783	2.38E+08	0	22380102
453315.6	73807.64	328466.3	678214.5	524059.4	550839.7	474213.4	412647	404637.9	398431.2
4915703	2777414	955101.7	405668.2	1939246	5245818	7841859	7963402	1117920	3144431
235097.6	167019.8	190653	432047	163102.3	680652.1	241489.5	468992.2	74082.08	83777.01
6679347	9700165	41238.24	16588.03	220988.1	539109.7	11107577	23188279	4512.381	2046302
1234090	1534153	3321.627	0	40044.54	146997.3	2362509	1217950	5019.552	110643.6
101040.3	75858.91	17009.47	5062.034	163065	505988	252035.2	39322.92	32078.91	128337.9
357953	533601.5	26380.2	22459.97	198296.3	176370.4	260257.2	66391.34	33413.77	115873.2
620316.4	289943.7	54545.63	641237.5	451039.9	418258.9	767364.7	961872.8	237185.2	659141
2812778	3468073	144323.7	56960.41	261034.3	45748.82	5376241	8359308	0	1621773
457543.9	194778.5	1244368	1205342	72812.04	425866.3	449463.9	420854.6	336702.5	325650.2
3313929	5872158	0	10051.52	3937.616	80889.12	4106302	13748239	96124.59	946983.8
4503873	6502207	656493.8	149903.5	2539734	910173.1	4642054	16024836	196254.8	1882708
1065787	263754.4	723668.1	1037135	978913.3	838315.3	1142261	1481023	828929.5	845195.3
186864.4	108000	36804.43	26278.8	94938.02	713699.7	1012707	144066.7	25443.67	214697.5
9795762	11381836	581433.5	525384.7	7356102	158509	14730689	24214826	24690.51	2922087
1.95E+08	1.42E+08	25596002	19148202	73227899	57687310	3.91E+08	3.75E+08	69925923	63316861
341077.5	166866.4	96260.48	22332.85	160881.2	474626.3	438340.6	358874.7	170663.2	458834.4
2697118	1720111	225595.9	185855	722132	3804728	3660594	3139873	366438.9	1497327
579967	898459.3	28323.53	8364.523	46097.81	491261.1	450314.1	137244.4	41166.84	64163.92
15738097	9561563	164725.7	74207.69	5744656	15403991	27823020	27857844	2812018	12326390
2112581	1498580	371412.2	156236.7	366643.4	896923.9	4312834	2949573	696215.6	2542596
7032991	1147917	5476740	5808077	6003969	8114000	6753070	8178647	6313501	6388075
1650976	638244.3	3158048	4024532	1496695	1238810	1182389	2123453	1937737	2224749
224533.4	163630.4	41246.59	23712.51	92151.78	249925.5	311381	166415.4	34119.35	130645.4
125712.6	90054.44	36379.81	3566.249	73750.01	244472.7	11485.48	250063.4	27966.64	78589.54
3729502	3399941	5284.107	2705.318	31670.55	4180149	5886480	5571922	645469.2	3015962

1535617	779568.9	196374.6	121225.2	435085.2	2109726	2253909	2101979	457441.2	984196.4
173866.2	172750.4	6173.161	0	11803.95	18729.93	373770.4	396528.2	32275.87	96348.68
583597.7	383296.6	63823.96	60329.01	261044.2	194362.7	1170733	654851.6	294147.4	414363.2
1599496	1608023	1487234	908672.1	18340042	418858.4	2610316	3741836	18778.99	2814265
129775	47570.81	35392.75	22846.11	48792.78	62974.57	261992.9	118271.2	125115.9	65762.96
1429826	310496.3	1235321	1265973	1354561	1098863	1513278	1841617	1163729	1321583
272881.4	192858.9	31347.16	25902.19	32735.85	380782.3	372109.7	408678.5	30835.62	96066.76
902982.3	505742.9	530653.9	242198.9	2197499	2121154	1434108	746766.8	236882.2	788249.3
862721.4	614803	122015.1	39909.67	246176.7	359683	1743337	1092529	114281.7	452470.5
52437644	26658315	11475564	5667002	22175740	59090285	81905245	77521434	13919783	36909843
151343	121547.6	21468.27	32133.38	55545.03	132109.2	226942	296087.5	10243.64	47461.27
661995.9	426521.5	114377.7	94117.06	318665.5	620149.9	1039935	1001597	73941.13	445396.3
2537063	2933266	44278.02	72432.6	685214.8	1455143	3896833	7416887	8413.017	631145.5
1221858	1238824	843321	858862.8	723208.2	882282.7	251041.6	254732.9	2871321	2234451
419163.2	256365.7	37585.53	8288.535	115694.8	603155.7	576869.4	592762.5	44427.32	299517.7
541922.1	442355	0	3988.836	30589.44	357031.5	1083370	879686.7	99909.07	630788.6
17913324	10751265	2854315	629473.4	2433087	4737782	40157636	32183846	8664511	22748429
20364347	20212902	485748.7	219920.2	281619	15191194	36221865	49327424	3859057	7095906
6471597	7097439	4831.959	15378.92	0	401456.2	13877453	17415161	0	5101555
843985.8	673798.9	106702.6	65150.79	199581.8	1622028	428968	531447.3	113925.6	505724.9
507002.2	404903.7	263129	260351.2	220628.1	202473.3	698898.2	1109792	159207.3	271312.4
127115.6	78778.58	9263.555	36884.48	24112.33	73439.67	249526.8	181407.4	0	108202.9
12926238	17897413	29755.48	0	376992.5	684851.6	23381669	42190992	0	3899751
316046.2	151194.9	2988.843	0	5019.888	0	805111.9	581115.5	277464.3	200446.4
413484.8	392071	2293.723	3219.017	3239.259	619930	484067.1	918614.2	36614.57	226147.4
8900510	10139556	221570.1	378586.7	885408.5	1317739	17426695	23072065	176956.3	16075113
172034.2	100988.4	441646.2	515947	140245	80227.39	123958	244018	221746.3	266560.7
184489.1	154317	22243.43	3010.21	131484.7	897427.3	786217.4	357200.2	57948.39	109472.7
159413.2	159247.7	4500.829	0	4888.28	11491.2	350955.1	209569.2	32501.45	156013.9
692234.4	371122	167081.8	126223.9	381765.6	319183.8	1298787	791248.4	164305.9	469331.4
71875824	69851882	430532.3	79983.86	1050725	38565766	1.41E+08	1.82E+08	26138412	26386566
290811.7	228132.5	0	0	0	390325.2	444303.7	426006.9	0	217293.1
19463327	13128841	4768069	3013808	9734834	12659149	33031324	37634337	5467258	7998998
2117600	1164789	802804.5	909303.6	1588369	1319903	3107941	2502440	781573.9	2141879
4639435	4440329	5458.953	5087.216	30447.97	3754322	8341087	6679848	676288.3	4295027
73422.69	101274.9	31211.18	0	80536.53	640346	170523.2	239209.2	6881.574	0
1230976	2234625	21583.61	47730.73	276054.6	189620	1055030	5210667	156755.1	0
3776432	2471637	104416.7	71750.89	569094.3	2751501	7611795	5583827	449268.4	2009429
419320.5	315713.5	37978.9	11808.15	99950.92	234690.8	827298	448373.7	46494.88	270305.8
3861267	5762964	27463.28	31572.35	174723	380965.8	6235716	13823150	23832.3	1348887
2.12E+08	1.07E+08	46008157	23358833	88916708	2.47E+08	3.26E+08	3.1E+08	58276954	1.46E+08
419836.9	256262.6	18185.63	14963.88	84046.99	115120.4	949005.6	635934.3	389070.2	62447.81
13024761	12251408	12748.63	5450.851	144185.8	15310939	19723555	16097040	2025939	12357253
2258779	2309221	480900.3	1041495	2433786	650695.9	1845744	5884519	0	3049153
929851.2	577182.6	25133.62	13909.03	69945.09	117161	2233121	1447303	113846.5	850503.1
270354.5	200682.4	0	0	7488.686	82824.27	618271.1	190928.7	76445.64	254291.7
367730.7	258667.5	2797.127	18952.09	22375.77	89046.77	846241.6	643711.2	35922.08	187332.3

10291399	14680332	467042.3	450050.4	6976464	141625.1	12543705	35214332	0	3269108
119252.7	112081.4	17277.54	0	35102.28	183863.1	100181.2	95030.26	20892.31	55004.62
216455.3	123199.1	16466.88	0	19274.47	274176	366107.1	126091.4	46154.19	289908.5
327424	186314.3	70968.26	6875.83	114303.3	613433.2	246886.3	367751.5	63018.87	229001.4
24912.04	19847.34	3996.84	0	50979.24	128318	50193.38	33887.11	0	7284.665
8515877	4810073	1163264	493284.4	1438249	15968732	7824276	14975038	3411785	6373411
1367816	1310892	284137.2	115554.7	300917	726449.1	2342103	765848	372572.2	864716.3
2176202	1059717	1045850	989766.7	1340432	2682465	2307813	1918076	882925	1581566
424661.9	543101.4	301598	257782.8	1735845	655668.1	711883	1372257	28881.57	264014.8
1203210	724206.5	166271.4	185129.8	249175.2	1196118	2086779	1742985	150960	738633.4
508439.9	59222.16	147714.1	435015.4	444123.9	640610.5	500969.8	464064.9	440731.3	503214.5
101289.5	96584.4	38634.29	34190.85	84084.61	1887897	109449.2	59533.31	16224.8	37717.4
1.08E+08	97932105	32341419	16438146	46690309	7294264	1.99E+08	2.58E+08	4166440	57604342
2679549	1896237	221805.1	270820.4	940494.5	3910980	3171170	3768747	180853.9	1102354
1247244	1068926	239388.4	41062.2	352166.1	963294.4	2064316	2765334	112843	475660.4
325258.3	208988.6	3206.346	0	13039.77	435509.6	531605.9	399393.5	43253.9	222268.3
3179636	1036641	394428.2	190875.2	737611.8	5094205	4411141	2800481	1958728	2615420
23912041	16866397	5458458	3555728	12669785	15839835	39702886	45982848	4678686	9556534
449030.2	365439.8	43245.19	288012.5	334149.8	2734140	1130699	265362.3	130612.8	161571.2
2187620	780436	909652.6	735422.1	1871974	8209719	6140619	2074750	892097.9	2421255
447326.5	309990.1	173718	206723.8	616798.8	312453.8	236331.3	808346.6	415912.7	239497.6
278225.1	228855.2	5085.136	2665.195	30181.19	292417.4	468304	215973.7	26745.99	155691.3
8219910	11572343	35227.03	0	623283.8	5319289	10707476	28679494	98257.26	3605304
1289645	416989.4	742319.1	1058567	1047772	1399248	1265242	956777.2	1123323	1045889
409575.7	380492.3	86881.42	87721.87	91871.61	513628.2	427783.4	276332	44994.11	96576.27
2313869	1525804	417341.6	434289.3	1430095	1657596	3745429	4219350	819933.9	793457
128186.6	46148.07	2347.317	5451.158	8267.373	19002.48	318399.9	174139.6	56134.26	129523.5
823349.8	447853.9	140296.5	71266.06	374063.9	864832.7	1337532	1293046	189786.3	566654.1
9970805	13662464	47129.52	24192.56	288286.2	1036005	18045699	32659513	25006.51	2364178
257479.9	122960.8	263335.2	213221.2	3991416	129218.1	116871	439706.7	114569.4	190622.2
10215958	9403192	95407.07	195184.7	178778	4546338	21188720	23190106	401831.4	8213118
1061979	831170.3	63480.25	89708.17	118531.4	1472687	1440446	1360276	87792.87	633158.4
162345.3	143538.9	41242.73	68498.3	309411.5	1665364	130537.5	381290	5904.688	70099.75
192727.8	143012.4	55610.06	28494.96	63037.14	26041.77	389269.4	117728.2	51377.65	116931.8
292945.9	183302.6	57406.68	2822.917	47369.93	105020.1	638156.1	425772.1	106825.2	138486.3
141794.1	131149.9	143215.7	190494.3	116588.4	179143.2	415959	305000.1	9776.911	20168.84
10313949	12873298	14742.69	6075.389	113067.5	2708841	19333468	32257549	497983.1	1741185
299063.4	240621.2	15318.03	4988.438	3138.772	43436.96	693232.8	641398.4	24890.67	138953.4
413762	324630.9	8018.193	2731.548	0	91570.31	958714.8	594046.8	86560.08	570864.8
420848.9	206160	192157.1	68450.05	122683.3	651977.7	457424.8	699799.8	242103.3	195774.5
187409.2	127029	129960.5	124857.3	140215.5	668581.8	396250.5	164072.6	75770.56	97988.81
832372	657558.3	85241.44	81316.99	363549.8	565837.6	1432046	1229001	132392.3	501724.3
2067835	2911758	159663.3	406081	716619.6	1896833	1241417	823460.6	73625.21	1643693
5295072	4677782	134275.1	95777.47	1974991	2883136	9750296	5795692	254609.1	867716
4480258	764437.9	2846222	3498000	4092964	5270736	4425717	4790501	3562946	4259710
26467466	24366442	358090.6	277557.3	671290.9	18627642	50469502	87246.71	47247211	54307176
321140.9	171740.4	37482.96	10803.81	43460.9	713447.6	142425.4	513360.4	118233.1	245705.9

168770	69969.53	19613.7	4355.666	31204.17	369038	95360.03	194927.4	126029	126716.8
5355677	2122157	9884857	12812580	4785683	4185996	3861817	7120647	6244512	7116956
317615.9	262908.4	0	0	34333.66	116794.5	689042.1	520528.2	5121.801	101399.9
1582848	867078.2	427830.5	231580.4	1210980	5396643	7087124	2971681	900453.7	1639526
695177.2	1200270	432793.6	31784.55	89175.75	188986.2	324940.2	2836978	24017.94	242641.4
2001163	2416040	125923.1	27268.6	720503.8	1040709	2914513	6092412	116192.9	820914.1
9704834	9046988	38856.33	3031.744	190131.1	11717528	14619242	15658630	1648273	6992050
4396620	4174693	89322.32	93323.52	106453	3655497	7822476	8688126	540581.3	2054501
12253020	8461491	1680341	1093413	5412443	5616092	23717670	15234816	2153939	7946067
1326718	625456.8	547174.5	246692.4	677845.5	748884.7	2409461	1314024	755580.7	1030407
9529475	6822458	11004.59	3292.958	158432.8	3375640	21893942	11572131	1912873	7366161
11689983	9638466	57247.01	9782.969	538229.9	9492544	22441466	22266306	4032515	10431627
716176.5	436802.8	184556.9	82295.4	509157	2589159	3249495	1434359	375122.2	732492.2
3267304	3151596	362214.4	46836.67	853201.4	5192797	2650508	6232298	22050.6	144082.4
516744.6	548389.7	14150.53	11661.92	58821.9	799505.7	460462.5	1040079	40484.12	65481.31
645332.9	687068.4	48961.99	14028.96	0	84983.59	1364305	1813989	629771.8	470072.3
1912462	1443869	748789.8	2167469	2051556	7143165	2861590	1836113	473810.5	949523.7
124884.5	116110.2	8234.453	0	0	108061.7	221940.2	115646.4	5487.159	36019.01
428340.3	297476.5	101449.5	372092.3	716402.3	928938.1	900895.7	433714.7	203794.2	202497.9
405023.9	399240.7	241989.6	370054.1	238835.3	314459	43519.99	308565	131907.6	74215.43
2642121	4019287	3875.732	0	13426.97	1222458	3609775	9443374	4386.338	324277.5
7872938	7444543	485757.8	198820.9	734023.4	2763768	16160062	20171163	3455575	7624441
5831769	8571939	0	0	259157.4	268335.9	10120903	20363438	0	1854895
385494.5	346893.7	23087.35	31582.54	415684.8	264707.2	430091	896581.9	36760.99	105075.3
994404.3	459964.5	4711.487	6337.262	100514.4	1278884	1765731	1507317	309573.8	825247.3
1667746	928980.3	748413.3	705369.6	789498.9	7161925	5146905	1257610	785305.4	3211247
33095449	42263894	409087.4	318039.3	15075340	1552583	55638406	98679327	0	6349447
3002778	1709467	509283.9	308653.5	2308634	710608.7	5775322	3593175	898747.3	1755110
564981.1	699824.8	84933.21	106977.7	144780	575550.9	479299.7	224469	103459.6	121958.4
101929.3	41506.3	9709.375	6000.484	33293.53	75911.94	206624.6	138876.7	63478.29	52965.06
3672298	3683405	53192.75	179154.7	249733.2	464555.1	7939183	9954649	1944750	3137128
622454.4	850561.6	20584.2	16819.47	66682.91	543278	702269.4	300729.5	23507.41	102931
153215.2	97083.32	2372.5	0	0	5775.402	383930.8	217727.1	22176.92	161898.6
65025.37	31264.86	3117.334	0	38738.57	112982.5	63716.41	100246.4	33193.98	95833.94
2874519	2230473	204618.8	152617	628678.5	3937483	3864149	2850834	169663.2	2075051
1675866	1405154	0	30507.13	184127.5	1095456	3327161	4100624	586474.6	1288284
246657.7	161591.5	73079.99	73913.39	126675.3	254610	330232.6	155195.7	142854.7	101174.8
305004	294978.1	10583.83	11256.34	26392.61	483175.6	304308.9	429565.1	6520.185	24223.91
448887.7	352112.6	50910.68	97599.69	199404.6	4626801	1173804	775894.9	22615.86	141179.7
54475.81	51026.43	33136.72	4513.646	71528.36	431289.5	85127.98	86384.15	0	16079.81
510807.8	479900.6	6781.966	6044.018	24154.36	382999.6	949611.1	947204.7	175356.5	217901.3
18443848	23130516	475658.4	495931.4	2592913	6833239	31321672	53973492	258036.4	29848223
158329	109369.7	29739.26	32202.75	63331.5	485009.9	1179375	142369.6	69757.55	82013.73
786262.6	854248.9	907634.6	4368864	1966669	152464.4	247577.4	206974.8	1259806	2063402
364668.3	367857.6	415587.4	23595.23	25748.01	464349.8	82942.94	986701.1	28188.21	341579.2
16687932	21053302	580089.9	500482.5	8270631	393146.4	27826414	48299268	32744.26	4514970
170748.1	157022.9	43875.13	6629.409	107440.8	57711.97	279718.5	143538.5	11442.93	37439.01

266213.3	272081	0	20796.75	34703.57	398287	263676.3	701314.3	4747.044	88467.34
3168588	4265158	898730.4	822478.6	377877.8	1006906	4013962	10291203	33321.3	3935152
643218.7	633616.2	0	0	17365.12	355059	1273596	861163.9	171433.8	538479.4
7729166	8982568	189220.7	65720.23	84452.06	437288	16285567	17944477	4636.943	3129301
3612267	4354970	3262767	2332598	6667303	3603762	14710957	11087107	0	1318058
353173.9	277544	114332.6	76460.48	353518.9	1606880	983760.2	242792.4	40459.16	249277.9
1072593	714294.9	8832.995	9301.736	99067.89	180168.2	2565754	1620392	720363.7	919279.4
2165327	2808849	327408.2	473484.9	551192.4	2195308	1598898	875548.8	94142.65	1735737
87967.61	67354.46	39980.63	61839.36	28850.94	369195.4	262005.1	56792.47	9515.447	56400.23
1973644	1474110	660772.4	2005324	780077.5	1601696	1765795	4418321	676636.8	961805.3
6091103	4825251	203632.7	46922.05	491405.7	1159381	14035415	13268952	1269702	3315126
6127156	3420236	1152929	507866.9	2323785	6792914	9936006	9763780	1281938	4037412
8161979	11612243	50215.63	0	0	1108880	14547497	28523876	918550.6	3789384
1565446	389107.3	1258048	1038458	1174246	2070845	9449236	1225440	1405995	1353451
86920.5	51645.99	53672.91	10101.47	72354.54	324137.8	258529.3	109058.8	15211.97	65164.31
558563.4	370830.9	312994.8	322015.4	387712	1781987	1540481	844909	35001.35	298891.8
235928.8	353376.9	4962.565	0	86124.34	15111.07	341902.1	852219.1	0	8795.711
4.55E+09	6.43E+09	5.03E+09	4.4E+09	13341295	1193191	12518641	1.56E+10	47279037	14106368
1047207	534135.9	28765.94	7398.118	141462.4	170770.3	2553822	1632624	220472.4	967038.8
2648389	1641407	309566.6	187995.6	319395.3	1001437	5889906	4286313	0	3140132
894465.5	341276.1	353263.1	403406.3	374868.4	6050639	2151487	980315.1	335754.5	913872.5
5.29E+08	3.93E+08	71223214	53365499	2.04E+08	1.63E+08	1.07E+09	1.03E+09	1.75E+08	1.79E+08
249158.5	146267.5	0	7823.826	5667.505	0	632224.4	440648	126195.5	174028.4
385699.6	240836	48590.5	31266.7	39193.6	79573.02	890685.7	751404.8	246244.4	501381.3
1883828	713325.5	287668.6	150696.1	581661.8	3093112	2413928	2563448	975740.1	1713754
4735634	6193651	0	0	16131.14	703150.9	9122534	14633458	178350.5	334170.2
146088.8	118682.6	55168.52	486674.2	347642	175343.1	77276.53	77045.64	105917.6	357276.6
558804.4	364238.9	10912.82	10237.86	70031.55	570952.6	1043023	996040.4	232014.6	532921
80057038	1.03E+08	24721576	4858137	60874569	17211464	85277469	2.31E+08	276942.7	1.41E+08
1341516	160583.9	1167512	1528351	1397683	578692.9	1273186	1572831	1322289	1119798
27894697	46701462	223881.7	166257.3	1870529	2029790	39842155	1.1E+08	0	7975441
190569.8	144219.6	7450.141	10764.54	31026.07	389381.8	111770.6	156786.3	49557.79	67035.52
7816307	5380642	1248750	1146003	3669472	7833657	11959053	12545561	1209138	2868187
84812159	66012884	27208660	20078516	43285438	18114482	1.53E+08	1.71E+08	4106898	54806131
16368121	24163075	155992.3	34754.05	659180.3	1547466	28195573	57714717	4815.499	5637635
11067049	10194579	5675401	3822672	8630063	2029795	13914455	23967455	71858.87	19618108
223409.3	357308.6	3058.619	10043.47	108540.9	38847.18	241794.1	16195.89	39098.85	853438.9
10672033	13941185	10313.85	12863.03	94488.86	837134.5	21079870	32378594	175431.3	1175170
676973.7	536469.1	20004.02	10116.8	19238.02	454114	1392742	1289213	192964.7	508535.1
1056702	926225.2	2829133	39117.06	3404431	1350390	798384.2	2706772	730110	629544.8
339896.9	288338.2	2834.27	5402.126	0	53883.98	796326.7	599948.9	18758.31	105770.3
511651.3	513753.3	138826.6	145678.9	405000.4	463647.3	375868.2	1063002	108757.9	197313.5
1701100	1275204	94536.04	52179.74	338770	2710339	2023801	2122486	273107.9	504829.8
1111625	1297632	172073	213856.5	270162.1	1062612	1192821	632041.4	144612.7	374431.7
212109	133844.7	15985.82	2360.927	56893.8	296084.5	311641.1	311575.4	25039.74	118760.8
608459.1	423227.3	100922.2	70265.19	726844.6	3009236	1633585	719116.3	39038.01	355557.7
275121.9	240791.6	49950.26	72899.33	366389.9	997426	813008.5	560163.9	16368.49	83009.91

827986	646381.4	993103.4	1114732	477044.2	1149848	1951912	1587355	111835.7	731298.1
2720440	2494364	611608.7	55788.16	906636.7	3863296	2652747	4931884	0	108332.6
1257731	1204840	4659.13	0	17947.95	820147.2	2469564	1858279	277419.4	978366.8
521480	291963.5	78712.38	111494.2	453064.8	6166854	889381.6	718922	190778.1	234733.7
3047915	2617073	12053.35	0	175489.4	522532.6	7058096	5159480	369851.5	1563871
67950.12	71179.87	60603.42	59400.42	46798.34	7872.28	22046.57	0	177814.2	68689.43
3565012	1602798	175313.4	199697.7	639041.6	6058287	4705475	4256244	1559528	2144167
6866588	3576337	2577699	2467606	3976522	7090367	9507531	5235364	1853698	6967269
3178247	1546088	2411106	1306225	6352758	8765961	3479004	2094615	1542677	2758570
311572.1	61610.73	45586.19	16582.35	104859.5	450342.9	486325.5	217594.5	344806.2	300678.1
123231.7	65392.35	11567.69	9928.672	65123.35	90832.95	231563.7	157071.7	18162.1	100581.1
1480520	1533012	1065033	563585.1	992519.1	838870.9	948196.4	0	1425575	1405506
2.43E+08	2.44E+08	3578726	3129590	15026590	1.06E+08	4.93E+08	6.08E+08	3173111	1.38E+08
3561399	517442.5	2279429	3007988	3077572	4510121	3148984	4378641	3238512	3304997
186813.9	110752.4	70712.96	61719.24	250722.3	803106.4	360467.5	248619	0	199652.8
1468429	1584036	2753.779	3994.818	23965.94	222419.2	3194348	1967791	98433.57	408713.9
5493220	4455028	1003357	630246.5	3241319	1160026	10327183	11950208	534085.6	2307717
1885217	1509523	31335.15	15368.02	123440.3	7136353	15790040	3732570	418174.5	1387646
304242.9	289921.4	8213.007	20746.01	47162.99	40284.7	660597.2	368295.7	89863.77	182235.7
402090.8	298101.3	336186.6	113535.2	258704.5	509998.5	162992.2	28433.69	310858.7	262338.8
2461814	1504702	1082907	1127238	1339183	2288660	3197396	4903015	1617674	1093669
4.76E+09	4.89E+09	61402509	45149918	1.04E+08	2.48E+09	9.42E+09	1.23E+10	84639852	3.19E+09
11058423	12456613	908178.9	2239271	2174671	1550012	20575165	5486268	1090166	16386555
49868404	84636431	1300081	689966.3	2770839	1801360	71884601	1.99E+08	98571.07	2635605
1436300	310854.7	895926.2	1426993	1211137	1561797	1347284	1552387	1035035	1274041
8047242	8800901	4570951	2173761	5625649	2488537	7988842	23123683	0	5506179
1.83E+08	2.64E+08	29082153	15943936	31452927	40985243	2.62E+08	6.1E+08	534720.8	2.7E+08
2956262	2263896	319387.7	140740.3	632074.2	1758512	5888156	2920934	490709.7	1700544
727947.1	1179198	87413	7477.745	7765.837	122002.9	1038709	2834501	98161.75	235624.2
1145237	627355.8	230574.2	114716.5	426616.2	1283146	1866045	1832885	249043.8	802359.9
617584.8	666088.1	64317.89	40846.57	125621.8	96292.75	1219911	1730568	11055.99	214166.3
1115484	1139361	10257.04	4901.499	17782.48	1309647	1656692	1320675	104435.4	1066551
142440.3	104129.7	15468.34	5751.79	43363.52	40877.59	306615.4	270081.4	13161.74	100359.4
74576.62	57522.2	2788.011	0	21527.03	106666.7	99204.33	121380.9	5370.305	30876.44
10609922	12938561	186812.1	40687.73	8719.907	504836	22379930	28013567	9367.391	3181864
245292.3	155851.7	207949.9	227462	205456.1	496030.1	488833	493812.8	157781.3	113349
3069051	2482762	428956.9	54168.01	492977.6	2041675	5955183	4177497	291879.5	1027608
1317151	1007400	141991.6	108412.3	171977.5	1486302	2148460	2304351	461673.8	1030216
2513703	1737359	658099.3	631499.8	1750098	7353277	12807647	5023672	473821.7	1347261
104382.1	87279.5	105965.7	36014.19	196277.8	178000.1	215303.7	132520.1	33814.73	33249.23
15810608	20633671	2385836	1174995	1154655	4909870	26194204	50141037	71671.29	19761843
314842.9	283386.8	19058.87	61413.34	91802.82	4103561	711697.6	236841.1	59273.61	93912.24
1.03E+08	1.33E+08	2917074	2246666	35887844	8704432	1.81E+08	3.05E+08	0	16511436
7791105	11888701	1638640	280206.1	2439473	2473847	8751723	28867991	100758.3	3258021
1.98E+08	1.22E+08	61936337	29697764	98546416	95035294	3.72E+08	3.11E+08	63608748	79912685
693669.7	367767.8	187132.1	85375.11	536787.1	2308682	2946482	1260622	376390.6	697319.1
250218	266296.4	40332.65	0	71333.67	406493	158828.9	689491.5	52747.74	81914.04

1585468	1050407	687488.6	405897.1	1987764	4649800	4387171	2898664	274191.2	783093.3
2478189	1573533	250590.3	225123.2	649181.5	3948676	3037405	2997891	349612	1375981
1944064	1191363	401207	244476.6	983699.2	589941.8	3945303	3113693	648389.7	763049.6
255826.8	404995.5	7181.192	38543.7	27799.82	212629.3	202113.5	49144.74	11562.86	37075.81
1033595	861237.6	14098.77	0	64280.8	3785949	8875230	2095062	233183.3	713389.1
179319.9	103979.1	54407.29	57192.44	111248.9	254419.8	174857.8	221074.5	32598.15	133215.4
262400.6	168087.8	28797.09	134491.2	150318.6	1567212	686401	323627.1	64322.89	102404.9
3727179	4577790	1038636	674753.1	2521571	1485468	3936616	11573502	443176.4	501724.5
8.64E+08	5.32E+08	2.64E+08	1.29E+08	4.28E+08	4.15E+08	1.63E+09	1.35E+09	2.85E+08	3.46E+08
11899771	6948204	1613339	962778.2	4511531	16911920	16357014	13718189	2509619	8333150
2732558	2493840	16265.78	8306.541	54450.54	2607141	4933827	3855182	534184.1	2619945
6048213	3920221	633986	239814.4	1394704	6649342	10491701	5589878	901812.6	4292984
870871.3	1208877	0	0	831945.4	576090.5	571565.9	0	1896639	0
520234.2	514337.4	264243.5	286446.6	232762.6	166653	631809.6	407988.2	1389141	183307.6
2211730	1126741	710212.6	1010350	4765992	2897594	7016182	2843577	320544.5	2155318
928923.4	681434.8	125593.8	107826.6	166355.7	1183490	1378324	1107492	128989.2	606681.2
2268487	1285348	210119.3	114029.9	383876.9	3580522	3148476	3634365	712954.1	1458451
5012497	2962769	521597.4	250058.2	476996.2	592154.4	12182122	8468529	2815083	5688021
2062162	1111541	177790.2	139639.2	174661.5	1220426	4562433	2831614	410260.2	1746609
1013323	618374.1	142694	112917	350570.7	1546987	1262692	1372714	185944.2	523612
881901.1	575932.1	105194.5	26700.59	153513.6	1437979	1107083	1157717	120537	482761.9
1994205	2752151	2998.746	3262.143	30449.87	92434.28	3910781	6778882	295729.6	1362414
277730.7	313900.9	30258.04	0	128109.2	468479.2	4516474	238591.7	813090.1	43342.18
533970.5	566945.4	71282.54	79744.19	172380.1	477404.3	705501.7	1303799	113152.9	197878.6
356840	487417.1	351087.5	243440.9	5622.106	140682.5	94885.47	1210884	298176.2	54560.39
188909.4	170231	49867.38	27091.58	37286.13	54118.18	369819.7	319632	0	124101.4
1698574	1481861	0	2213.347	25024.32	908103	3651089	2761175	407667.2	1739221
3987580	1315269	2802840	1125640	3420209	5726982	3044102	2452114	5471958	2962130
7509871	11322312	1767207	690205.6	1385636	1944811	9560431	26414270	69422.74	9811445
92880.67	73517.06	2872.008	0	0	52532.21	202834.8	153810.3	0	72225.3
2803503	2242347	1506348	974368.5	1042172	697516.7	4736219	6614463	757889.6	1723516
352226.8	217357.7	79688.26	73781.09	79371.11	103284.6	754241.2	548020.4	24696.53	276070.6
5290461	1385683	3554942	4370803	4071828	6824457	4237765	5558781	4320595	4598410
3177832	3197096	16888.15	13857.53	131796.7	2490605	5854750	7155076	470693.4	1405858
13421909	17088609	319705.5	285005.6	5432128	1890444	23285436	35419780	9269.694	3140431
373962.1	262767.1	129827	53656.33	282579	2229593	943826.7	445023.9	23644.73	199344.8
1363849	650503.5	699488.8	506973.9	1304504	3732788	3847606	1436321	524746.7	958855.4
10673852	8651955	29411.6	0	477187.2	1411707	25736173	18258329	1137520	6383856
680999.1	639389.9	90719.26	34926.3	61017.53	902594.4	893849.4	684290.9	99637.08	137653.1
466489.2	254996.3	158972.3	226783.3	1034687	629523	1311069	694666.3	73965.61	460722
3092979	2661157	514084.6	640898.4	806780.9	2188184	5289878	2716654	327139.8	3614091
141693.9	103863.2	92109.26	399857.8	263719.6	148723.4	103783.3	61660.03	155336.3	313148.7
536985.1	293368.6	248301.6	344598.9	536460.7	2179241	934888.1	599444.7	145716.8	329273.2
4687883	4105776	1977699	1031696	3990806	86564.27	7301141	7895078	28878.13	1895369
1.85E+08	2.07E+08	1553883	1255810	6615951	1.11E+08	3.45E+08	2.8E+08	224475.3	88426842
740429.6	860762.7	13716.54	27491.6	7457.545	684963.4	1145176	1475485	24237.52	124303.1
142639.6	118130.7	0	2860.291	4174.467	240183.3	171386.6	304659.7	0	66435.61

3394164	2088659	650620.3	1143071	1554320	4903280	3734458	4518860	1132359	1280221
13258969	5863227	5585202	6778335	8522413	19307249	11686888	23217892	8276572	10894519
966779	786287.2	310664.4	283609.8	263045.2	908512.8	1381795	1728764	157338.2	592221.1
432829.7	415514.4	274874	53927.65	419696.6	2466456	887444.4	559407.6	89994.71	64803.67
622049.4	529319.7	126776.7	135672.2	557578.5	630217.3	586364.7	1192732	169549.9	318056
181266.5	83146	22160.67	15696.15	8769.304	100873.2	410780.2	218157.1	53104.76	156105.9
15512954	11563608	1301880	1667428	5727650	20910992	20616793	16530228	537166.2	7471947
46150.75	31842.3	27364.25	49538.15	40990.91	89778.48	105853.2	80384.85	10869.05	13502.13
542981.9	897123.8	6624.716	47643.18	399954.7	8933981	747937.1	249819	0	16494.06
14641970	22427329	17132.09	7494.304	447869.6	1271278	25679970	53294101	0	3666752
852808.6	576313.4	5458.573	0	10289.98	36272.76	2174133	1126431	132735.8	724262.9
2101097	720245.1	1319035	1424731	1877267	9374215	3012948	2777958	1169851	1554840
382457.1	213242.5	22965.93	17934.79	18130.13	713983.4	444626.8	475625.5	125458.2	332746.6
518450.9	318942.2	34057.6	72641.9	200099.4	779503.3	662789.8	762584.1	101904.3	246457.9
1309123	943494.9	283433.4	380449.2	1054590	9003358	2862783	1818433	198902.3	380005.6
5383825	8988285	22472.28	0	1551124	207913.3	7528367	21268621	0	2189174
331271.8	158852.2	187215.7	192672.6	246875.8	366199.5	338046.9	433412.3	75263.19	297781
320097.8	249405.5	3085.508	0	16343.56	84136.65	756867.2	448661.6	24580.64	181038
603386.4	320788.8	93516.2	31839.39	225705.5	814365	910448.8	853841.5	118474.3	432390
135815.5	187655.4	58564.5	54893.12	76462.16	84039.26	51562.61	464173.9	42976.61	25913.11
1375138	880962.9	166144.5	136981.5	270092.1	1881654	2067473	2359562	211490.6	789625.1
978130.6	1541872	199385.9	50472.96	285306.9	1071459	328276.3	365271.2	346015.1	173417.7
478389.4	389367.1	7067	0	59624.29	265825.6	1020223	812719.7	109282.9	224305.7
29592259	36050998	285822.6	116160.2	353872.3	10737077	57749639	91834344	5637097	10229093
922328.6	583737.6	6808.796	2767.31	60537.29	1180173	1627453	1382150	125443.7	496514.2
205017.5	250450.6	3626.923	2725.346	14091.61	545250	2609077	254253	17681.8	40666.31
5654788	4855080	2885343	1589997	5475965	39863492	9266770	7902214	457737	1803919
1488515	1017026	274210.7	125393.5	745688.9	624819.9	2942114	1925269	190032.5	694984.7
2517172	2747132	1000991	343157.4	2930093	120202.7	2663135	6777256	0	3464761
798449.3	185964.7	283821.1	364758.9	68815.89	272709.2	1720874	1083018	592819.1	683063.5
881654.7	621776.9	45348.48	20406.78	187648.9	1535543	984772.2	1788946	407376.1	890908.6
319439.3	257772.7	48472.54	32770.98	56731.58	529234.4	325158	307323.2	72958.78	142189.7
879982.2	701220.3	29199.62	11783.58	116063.8	689547.1	1741555	1457796	171095.2	587690.8
306723.4	252982.7	57711.73	86010.72	190570.8	2259803	724487.4	413144.4	19781.16	53849.34
211530.7	202727.1	0	0	0	747362.1	1880220	266559.5	0	110347.6
2240085	887086.3	10006010	1309836	527334.4	2076055	4579036	3168209	811177.1	2288725
1124449	896474.2	326569.6	157297.4	407269.7	506665.7	2097547	2396736	60760	568190.5
1200477	1242279	329036.4	227176.4	1449582	7414322	2430139	1527647	0	206405.7
326393.6	200586.1	26578.06	7019.062	91582.15	452388.2	497940.5	444659.2	43934.27	198133.8
353925.6	347516.2	205961	193743.5	165523.6	154470.1	385395.1	593393.2	40720.97	196037.3
18332577	14163385	98622.8	29839.76	931406.3	16396246	36353460	32875781	7232981	17666695
357020.6	337337.5	3103.214	2535.696	16707.82	198737.1	740957	479689.7	57172.67	347683.1
475305.7	364470.5	158042	197079.8	432650.9	6613919	306414.5	551334.2	328661.3	206188
178993.9	161872.6	289854.4	45200.82	551776.2	424964.9	70555.95	84625.71	48201.7	59620.29
83557053	74344388	44010620	30850944	1.88E+08	17382269	6.56E+08	27871020	720587.6	77261609
6259299	5075684	57162.64	33101.01	362472.7	5193828	12478638	11834648	2273372	5600952
14533019	16426624	2038661	2143251	10556830	4321877	20611179	41372888	29323.86	12614403

473051.5	196440.3	491939.6	658036.3	617081.2	394308.8	607805.3	743323.4	453869.7	552921
1123434	1076089	76183.04	34464.76	417590.3	14394432	2360410	1220744	5015.305	172543.7
3218644	3907462	14553.21	11095.97	51964.09	2680499	5182391	6203968	23418.51	862672
448828	345204.3	73657.34	4197.616	51372.63	148961.1	1000450	940092.3	153703.8	579633.7
199729.6	178619.7	44455.6	87401.68	234859.1	891243.5	441790.4	318518.2	20366.72	58752.47
4376879	4219276	267199.9	48341.83	560015.9	7268603	4320921	11018288	167931.4	1429312
878614.9	664378.4	71697.77	17817.39	168392.1	1481634	996989.2	1317499	64760.07	244788.9
11592362	5210540	2344449	918407.5	2389904	24203276	8310313	17373745	5105412	8286206
199404.5	111043.7	2794.394	0	0	0	525073.8	346416.4	61242.08	208380.5
680941.9	501961.4	43550.14	114604.1	177820.9	30992.31	1562917	1402491	218053.4	499379.9
1613892	1321034	2124.022	8455.328	11012.56	472265.7	3808499	1773716	222272.1	1206743
4035338	2297861	1752781	1367206	1577287	15961317	13443971	3836536	3157641	8038712
585455.5	451616.5	36864.12	6049.923	208646.9	1144044	384099.8	576791.8	19227.05	303114.3
30627531	20826819	396616.1	256575	2104074	28257924	61765184	37509593	5599731	20578414
1985504	1203672	186566.7	241339	787861.8	3084769	2448845	2027012	94809.25	2058160
261193.4	202486.6	12294.33	11971.36	27837.05	379217.7	375200.4	259687.7	34765.04	87941.9
65810711	50887000	409956.3	160667.2	3944585	60521664	1.29E+08	1.18E+08	25597480	64223402
1125780	1166262	2422.933	0	8607.442	1349061	1711249	1281639	157799.2	947369.3
5566472	4741671	2320682	447126.1	427494.3	1846883	11211781	4540158	115210.7	2558043
5847180	2199524	2435538	2992943	4045833	7293559	6922028	6210237	2926124	4349553
118191.8	72251.1	32585.62	2942.933	31726.55	237096.2	77023.97	227009.5	31104.18	84696.58
19291121	12496829	2132852	2618737	7714514	28397602	24448361	26791909	2484341	9302550
784396.7	593149.5	872695.8	263696.2	8176899	252927.4	776704	1614117	4147.484	998481.4
1121390	858001.8	60998.88	38302.06	191237.5	1284456	1901613	2119755	366786.7	914355.3
1767441	1241331	129052.9	177033.1	505416.5	2304006	2648552	2513489	93475.56	782024.1
665512.1	623419.2	83107.35	90328.71	144002	1284798	299116.3	1710389	60437.63	665183.1
6945516	3844829	1368656	555437.7	2793680	7915655	11414355	11105821	1580240	4560287
34604326	35662842	394615.5	73535.97	578246.9	9807603	76357522	92525391	8170642	14308659
2961079	2157277	197925.4	280958.7	917034.6	3975123	4235187	3217539	141462.9	1455545
322059	366982.9	67999.17	11707.04	187019.3	1738855	1140614	197205.6	65530.7	101038
1223690	644096	247728.3	110724.7	518749.5	1931590	1489580	614895.6	2074069	551048.3
3738624	2668614	6163228	1090052	7430117	1968275	10342973	6595566	0	4412845
800872.2	703655.4	43067.55	36297.77	93377.08	1114292	1112157	1247270	137077.1	565785.2
181036.5	181209.3	18112.77	41551.46	59247.72	156623	260059.6	105546.6	41311.58	63082.26
2282256	1640474	182140.8	27502.82	713834.6	4574336	1541843	3097729	209941.6	970679.1
82836.92	108612	3743.773	4273.841	20085.29	111857.8	61551.48	42173.48	0	22732.79
188635.3	83216.32	236693.2	241350.8	88561.89	303257.1	280876.9	310836.6	151285.1	159327.9
434745.7	340378.8	116025.5	164827.2	175480.7	505284.8	512751	428940.4	80225.55	139477.8
1766627	295153.4	1406158	1789456	1832729	1397991	1761059	2248633	1636146	1488513
330145	255429.1	33049.66	9372.947	78656.56	532432.2	385884.9	506044.7	31256.6	98151.72
777418.3	840075.8	97627.21	11513.53	3280889	267765	4082567	2037871	122977.4	239006.9
1628502	879269.6	683784.9	634565.3	720681.2	6864173	4766142	1265981	801957.2	3122201
135565.9	62693.34	25990.95	36532.92	21567.46	11690.42	319567.4	85353.01	119775	135907.6
1273806	720284.4	128716.7	73725.39	91926.17	2958553	563452.5	2148198	547126.4	751876.4
163522.5	119872.5	20538.67	0	350540.7	229287.4	957940.6	146120.1	24327.83	334648.3
27650392	24576005	514713.2	422298.4	7062343	16501612	54949702	31503107	119886.3	5376184
2955427	5716840	19378.15	0	0	584634.9	3415567	13138669	0	0

650564.5	953329	41259.61	15045.53	157850.8	889801.9	313076.3	344583.6	0	200165.1
2939541	4154791	0	0	0	554351	5595407	9405115	0	34080.02
308286.3	379021.3	256656.7	261129.3	232288	34666.55	37351.85	34135.01	884148.7	508925.1
2186476	2030109	73474.35	92943.25	234180.6	2276375	3681636	4193351	301793.3	839823
79766170	37801865	24408730	14397988	71904183	67645394	1.21E+08	1.12E+08	25529796	60518732
601220	385760	48719.49	19414.85	133264.2	1089878	652030.5	923726.3	74481.75	362104.4
879422.8	668875.6	2492.139	4248.929	12755.19	325320.4	2080501	1065807	148461.4	706966.6
983514.7	775339.9	349845.7	259108	901889.9	186573.8	1531575	2104441	112003.5	1343608
158556.9	64048.79	22861	21586.93	163704.4	19351.27	309481.8	260564.4	182995	123032.6
124335.7	88876.43	0	0	0	134629.2	240475.4	183783.4	0	72051.96
1934020	1204567	238087.4	210548.3	3306822	517154.8	2182040	2965362	747566	524957.1
76904281	1.04E+08	2771785	2130174	33563992	2121928	1.34E+08	2.43E+08	0	16441382
8948858	2786901	1326857	6451228	14728416	2364686	9046987	10818950	12431794	5391122
1317135	1136892	18938.68	2861.896	29538.76	271329.5	3145060	2539681	408749.4	1236339
200331.1	185052.3	79248.2	80545.9	164080.6	58743.96	257313.6	345212.5	25533.76	119557.1
970638.8	453707.8	463021.9	441784.1	656705.9	3254937	2575570	1103833	349261.1	658063.2
37993270	45717921	8088.698	13442.1	192793.4	7763016	80895584	1.07E+08	569608.9	6646597
684417.5	571472.8	111516.4	91573.38	105063.1	873734.1	971133.4	704787.9	72993.9	584675.6
1207542	1133560	50254.47	8928.544	148299.2	2139942	1134111	2954844	49141.09	385591.4
891653.3	773580.5	34401.18	12169.33	64781.28	352391.2	1993738	1663937	144293.7	819000.6
177096.2	109574.8	0	0	5270.349	0	465462.7	366682.2	170998.8	128778
48712787	69523921	6751863	4411420	8160900	40347797	52591337	1.66E+08	307395.9	15152991
716994.8	289745.6	205019.9	288029.9	268948.5	323261.8	1442302	1203604	441431.5	618440.4
188040.1	135424.2	31910.58	4876.183	10242.84	50419.5	440237.8	406688.6	181060	190118.9
219039	184440.4	411961	934532.1	236260.4	184680.7	25734.24	56016.4	319901.4	494883.5
1662787	232200.9	319528.5	358054.3	676117.3	1204891	3393222	1810962	1522843	1803405
4397605	9133363	78590.67	53606.82	2971807	391379.4	1726238	483292.4	0	194810.3
3.55E+09	3.15E+09	1.28E+08	75555006	1.37E+09	2.01E+09	6.87E+09	5.54E+09	16691330	8.2E+08
1161965	577533.1	209091.5	60510.91	293078.4	1130303	2231257	644716.9	713389	941705.5
5706090	717529.3	4197667	5151196	4997717	6998855	4983165	6376078	5678095	4501460
472828	398670.2	151952.7	242065	257685.8	210518.5	700640	593984.3	56964.79	172938.9
161434.4	134192.6	0	0	9750.42	234315.2	241111.2	119364.1	10247.75	73218.42
502858.2	395755.4	134097.7	61796.31	405121.7	4512929	872272.4	575341.8	176307.6	136423.3
852248.9	657563.3	143555.3	51485.53	496622.5	8117441	1756779	1071589	26899.27	316013.8
66918.72	51963.92	0	0	8703.394	36434.09	147978.6	103047.4	0	32487.31
1813902	1280654	221769.9	86912.53	376071	1687269	3402082	1603299	291304.6	1092136
465809.6	245620.9	510975.4	520298.1	475812.8	766739.3	534921.2	645435	454648.8	45836.53
284328.4	326773.6	66130.23	72767.79	98883.88	188150.1	372145.8	844611.4	35262.07	79003.7
135980.6	129387.8	12246.48	12198.46	97601.88	623363.9	495587.7	89843.22	6640.634	98844.98
341316.9	309022.2	734131.8	815878.4	246473.2	353730.6	267054.3	815568	448608.8	72458.11
24782686	25584786	749702.4	188590.6	1102076	23016863	43377286	69202804	6768405	14978270
9769551	6394296	1332005	800954.2	1093794	4168949	22068262	17473764	34870.51	11055271
1865545	1673621	179711.9	49795.73	2022950	26056153	1602438	2644088	1023288	280898.5
267506.5	199282	8812.325	9081.81	55414.98	190838.3	549297.6	459137.6	61339.7	155805.7
208181.9	184424.7	107045.2	71468.48	272019.1	1241362	267810.5	290606.2	17329.39	48531.69
444041.1	287712.4	99550.4	88195.01	358139.7	636941.9	400530.4	430620.1	55204.87	293068.4
6887376	6127467	129953.3	288875.7	885429.3	30729192	37127189	13999746	194263.1	2750717

280035.9	225412.2	2766.716	6851.974	16366.16	950483.3	2218288	479656.3	21920.17	181726.9
91375.34	60100.72	30511.63	25262.93	30364.06	382747.9	324917.2	74358.34	23335.53	57904.25
184509.3	177796.1	12093.74	0	14489.49	123827.9	364987.4	312786.4	40635.56	138607.7
935677.2	742800.6	5624.614	16772.03	24914.3	1324642	1473259	1926288	67181.61	604169.1
1736222	1163536	240620.3	151380.9	990612.2	11565105	4712191	2858289	201492.3	853770.4
1185558	805538	1183123	530758.6	1513737	4567752	1250340	1052957	379370.6	827960.1
106977.3	35855.5	145736.2	158405.4	146001.9	40691.88	149338	143855.8	126968.7	92265.04
176933.2	137136	119620.3	130744.3	7795.874	153186.7	202217.7	255535.8	12292.44	67348.41
62559944	61599457	831471.9	685752.8	986348.3	32524969	1.33E+08	1.56E+08	965689.2	52851098
589087.9	495497.2	61250.79	61862	370074	583088.9	8949675	157365.2	1143712	1115366
94735.69	60156.8	0	4822.756	3227.279	0	247094.8	136447	14816.32	68050.33
27493971	35538629	28509633	31141437	71760212	18308953	61292743	89793205	1502990	10587388
599655.1	417926.1	134839.4	167160.8	175805.2	2678113	2206448	833662	114006	265200.9
32751435	43549613	298370.1	427602.4	495338.8	6261230	65777128	1.08E+08	3327682	11561597
956466.5	706245.7	20289.33	12661.5	86766.51	696144.3	2036139	1515701	175112.8	833334.1
425829.5	230940.4	50364.48	9469.398	64461.98	1002666	165339.8	782512	188262.7	380357
954055.5	609963.7	7371	3268.675	21053.5	7229.407	2508265	1156648	1764426	117794.8
431057.9	240482.9	110005.5	37353.19	188283.3	331756.8	812546.2	468193.8	90632.34	304803.8
6073829	8925905	0	29567.18	0	337723.8	11944195	21634589	0	1973837
798085.6	620088.1	352151.4	2181862	1358280	1116808	607722.7	262575.7	633731	1871687
593318.7	467793.4	0	0	5894.096	2099158	4596274	754828.4	0	407414.7
302521.5	278946.5	13212.96	24980.86	45578.37	111460.3	649478.2	591537.2	53927.04	141083.2
49818057	44550189	13591563	5674857	33961317	22742382	80685161	98790261	717705.2	12901779
496072.8	297540.4	100364.1	124862.9	279327.5	375065.1	864164	873789.7	85328.76	344281.2
139361.9	72381.32	6609.688	0	6419.146	17290.42	361361	181734.3	28322.12	103513.8
821887.8	668257.3	70121.32	23099.02	65526.35	1200786	1181863	1169980	166363.1	591287.5
2787505	2138508	314988.9	346997.4	1130168	3454979	3953788	3524232	208221.6	1510775
144213.8	101038.9	0	0	6372.825	0	375952.2	258643.2	14685.78	102233.3
8277727	6806554	2967337	2463750	5984753	1018070	14166074	18539412	205909.5	5923596
655698.1	1048325	56379.32	65886.88	104068.9	580345.7	545551.6	217400	50568.81	75627.67
9662159	15486598	82080.11	7643.568	1896942	2201753	14798281	36986468	0	3448679
258642.5	182350.2	130809.2	56850.17	237103.7	1579318	445770.4	317055.3	45204.32	140123.8
350092.5	217242.6	67053.95	180976.9	383578.9	1078556	907669.1	473853.5	41873.21	207703.3
1232510	899148.2	5961.761	2427.927	70884.12	1032438	2586726	1494320	209972.3	786021
117135.7	96825.61	76764.88	94861.56	78842.81	113405.3	43858.3	164877	24386.26	17473.86
581103.8	872089.2	4431.667	7710.313	89406.36	914668.3	223508.9	368044.8	4984.938	263658.6
255848	118649.3	173399.3	194412.5	244312.5	968568.6	322140.4	296759.9	207285.3	71772.18
266088.6	268266.2	126053.2	844553.9	538131.6	356186.8	151038.1	73725.28	107996.4	731740.3
556584.5	436480.2	204581.3	341447	710902.6	3379737	597638.4	765886.1	83492.81	332969.1
215916.2	453483.3	10863.21	5620.129	135331.9	3697850	203457.6	11678.06	4894.318	7047.881
16368759	24890658	114836.4	13268.46	198053.4	1081968	31159587	60358820	17567.99	9074691
248273.8	151564.9	326757.7	419133.7	361585.2	355751.8	108841.2	210671.6	170832.2	71680.17
29812665	30565291	136949.7	23638.7	429392.7	16756537	62196949	79971245	9513500	10764555
280738.4	175686.9	73816.65	30074.9	112122.1	1462484	901147.7	244644.4	75212.36	273425.3
488125.7	320323.8	191849.8	253335.7	189155.3	2061375	1351213	638907.9	141089.5	166712.6
6303141	4141955	753550.5	262951.8	1491433	4495668	13009117	7151710	950984.3	4173593
1475660	1235818	16597.03	0	18092.99	735569.8	3355508	2245708	9047.08	372333

17140007	12535388	3405669	2432222	11383121	52743050	81704918	31995257	1880144	8719015
374878.1	314489.9	15016.2	6368.694	16096.01	1555862	2228685	319436	32250.47	365779.7
341892.3	79388.82	2423.228	9586.595	40892.85	165022.2	840555.8	481730.6	317706.8	305904.7
1117345	686021.3	6070.734	21792.8	44991.93	675196	2589663	1336708	204486.5	1019360
2926796	1658418	1539601	1943169	1868524	13462387	5204646	5054464	1141076	2437224
3161971	2018650	850800.4	770838.4	599694.4	463929.5	7097406	2279302	1018027	3560431
1352305	876046.4	98652.89	80653.15	322505.6	2173370	1804480	1557501	183630.9	731233.5
410306.2	318477	69902.89	16683.65	241583.4	1751744	1575298	824571.5	137893.5	371743.3
1087380	759823.1	140087.8	69319.25	523844.6	758971.2	2058755	1406985	167632.7	713294.4
11039504	13008886	229091.7	126448.4	999885.6	425690	24576884	27642966	34163.02	3750640
412088.4	196316.5	221398.8	278863	4830367	151927.8	271591.8	598584	162493.1	308925.1
275293.1	206738.5	71040.19	56164.61	288360.2	1429037	593889.2	306020.2	30660.06	96378.95
2494053	1996537	0	9734.198	81050.08	2149157	5122494	2675390	323468.5	1867967
26319454	27973080	669355.6	417273.7	2164917	11243991	54951108	71934245	301993.4	18562615
168706.2	146969.3	14633.45	0	39214.99	351056	87205.57	318342.7	12996.8	12593.35
386525.7	330411.9	142260.5	137612.3	141599.1	576751	278315.4	655705.1	70466.13	56419.79
381483.6	457351.2	262981.8	400291.1	1340397	359939.3	618548.6	1183503	55758.55	223808.6
862322.2	518532.9	146332.1	204514.8	570109.2	265087.8	1706046	965034.6	211227.6	457165.6
2105363	1394665	174089.9	201102.7	598500.3	2609020	3438875	2951610	194273.9	1038500
233683.7	248943.8	31212.46	41926.54	272156.9	121779.2	229109.5	134613.6	12401.86	42581.7
1028908	899349.2	145920.7	95407.79	105329.2	265798.1	2295888	2470515	357627.1	743714.4
392616.3	274867.5	127052.7	81279	288563.8	121290.5	704075.6	494158.8	30934.88	179990.3
1210429	1033979	171607.1	258003.6	231134.1	832771.3	2249134	1542313	63651.08	445497.4
158242.6	172952.7	2818.365	2793.729	50947.21	276204.5	104293.9	47216.96	0	51596.25
63926.82	32828.5	42408.38	38074.8	39240.31	175831.1	157771.3	55748.43	17788.39	71968.13
2582852	2979478	1591772	490203.1	683621.6	615036	3829858	7455104	111164.6	3284553
513387.6	564693.9	3911.311	0	66799.01	637309.9	713199.1	317127.8	56148.97	1475590
241276.8	142163.1	24232.73	2316.938	50369.05	304524.2	420803	220038.8	49500.66	177078.8
170071	158028.3	8580.189	0	169405.6	558189.7	779073	342986.6	17413.01	106005.1
464827.6	482105.2	653240.7	637958.8	1590801	298909.9	347683.6	109377.1	335758.3	333124.6
500685.7	117915.6	472027	760869.7	473176.1	657441.2	449567.5	476403.6	457126.6	458540.5
161442.9	144553.1	7060.407	6336.708	5851.179	209324.8	254580.9	140622.8	13377.64	126905.3
1420560	1008682	40266.39	17842.3	24761.34	258916	3576794	2479919	367945.5	1823284
912708	1031810	3193.135	3019.003	13988.1	321525.3	1954276	2144126	24222.46	213519.3
307869.4	185692.6	18870.69	2383.921	81254.24	431390.7	493125	474927.7	55691.05	175026.5
2338228	1687911	1164415	510372.5	2141522	11588382	4699497	2273510	515095.8	1159236
427876.8	569106.2	43342.43	43674.87	109730	239826	628052.5	203832.9	62308.42	86524.43
781179.3	623372.4	707081.7	730481.2	680907.1	1603050	1508896	1654697	39732.76	421061.1
685095.3	331342.2	392416	114214.7	196030.6	1233306	545861.2	1018359	334227.7	322321.3
248345.8	188496.9	113516.7	133101.7	140647.5	185980.4	313072	216347.3	60569.81	191583
155721.4	113006.5	51315.81	18709.36	171071	162036.4	1530849	306866.4	81935.07	95411.54
1030257	1074417	393121	347542.7	1836111	2888313	2353287	1410152	244629.4	249069
2841271	3628128	8705.305	27655.02	35018.38	2881161	4161394	3077327	345597.6	1320327
11330855	10811650	141451.9	52819.44	134311.3	7986291	23299863	27905554	201289.8	7244251
177919.4	139098	25850.82	7333.598	73348.83	78254.14	364202.8	176872.5	6842.708	105964.3
618416.1	645492.4	142655.4	61404.32	118344.3	1102452	343658.4	1746496	343009.2	165844.2
34529273	51791447	29415.99	17171.07	22665.37	3250994	67083538	1.2E+08	19654.84	730915.2

146293.3	143867.1	15516.05	0	24074.65	8579.85	337236.1	328721.1	27508.28	0
519515.1	606832.3	0	5911.523	9196.665	429048.5	913190.8	1017493	0	151562.4
435729.7	376701.9	23335.09	37743.13	53733.61	660031.8	570048.4	454305.7	40515.78	70491.24
177870.2	151724.8	21804.36	18394.01	40356.45	293014.4	185467.9	336374.7	20198.58	44434.4
182400	114655.9	146456.7	128317.3	88883.39	79013.66	243438.1	156040.3	28831.89	136388.3
1907530	983417	305877.2	125410.2	749898.9	2593606	2958973	2884028	456896.9	1387008
20384066	17317051	306941.2	199741.8	1188416	21147085	38137416	32139973	4099892	14369521
787743.3	458511	263424.4	340661.8	355713.8	5311623	1550143	1006032	246559.6	363468.7
375810.7	433055.2	42509.16	96579.57	454858.5	1504725	1091851	222425.2	11609.76	49466.98
26794714	31860480	26734.07	3095.132	220130.7	3577576	60165293	73941212	396050.2	4873026
1118716	1036119	2673.266	2755.091	0	1368445	1893135	1723277	142952.4	904036.2
2280722	1720346	261667.1	110219.4	553464.5	1866833	4415463	2371024	79288.3	1298928
4948950	2993089	1665200	1507484	1860064	19570638	16785189	4216615	3654230	10137312
549337.5	506201.9	8099.079	0	152807.2	1058836	395332.3	775019.4	13878.16	108564.9
1.11E+09	1.29E+09	10710327	10236413	44632505	3.84E+08	2.32E+09	3.04E+09	9618868	7.36E+08
1931724	1422753	879288.1	364324.5	1864457	11201873	3446662	1767161	379922.2	921744.7
911983.6	1137360	3123.087	8892.505	7529.349	996877.7	1318190	1058758	18964.86	449074.4
1385300	1070798	79353.12	184195.3	563073	2131799	1601706	1345122	49010.51	649228.1
137816.8	92676.91	299541.2	170021.3	185514.4	223114.5	35615.56	239407.7	53451.86	35611.3
23836958	30389449	8724220	4508222	14847579	3318514	31619264	76892421	711415.6	18032381
773701.8	260713.3	741732.7	789604.4	401121.2	2459800	941871.8	774524.6	541762.1	492917.4
8155655	10686970	8377.296	0	67716.53	473692.5	17805289	25246478	0	2859575
1.84E+08	1.87E+08	2826310	2164695	3099471	89610024	3.98E+08	4.76E+08	2988423	1.48E+08
308766.2	224536	0	0	26407.37	382904	557143.5	545365.9	24887.2	138841
327536.3	315497.8	5433.989	9668.515	6996.14	668240.4	231177.3	333556.5	163028.3	251464
956968.3	1000126	84239.78	552095.2	7110080	325072.2	2094375	992721.3	2671159	209329
1120142	952780.2	163640.1	119610.2	218580.3	657221.7	2243454	1977239	8899.239	181934.8
12597157	7885795	1074075	800765.2	3165857	20925223	16324148	15338728	1823828	6961448
86966004	1.27E+08	23523072	10981383	78431305	3.02E+08	3.75E+08	330247.8	172599.2	1.5E+08
547312	475961.7	64874.97	50370.92	143430.6	5406936	1184088	1086823	5721.414	130237.4
1894796	1469397	29196.34	23844.19	90834.52	1821370	3788722	2176872	400214.5	1407142
76064.02	79125.55	13603.9	10222.74	23594	152185.6	12258.55	132392.9	0	0
1274728	1130517	47090.76	7281.876	537477.4	40685.91	2914443	1426243	10450.86	245778
11528767	21030041	734219.9	462106.6	6118680	1944391	10883943	3387303	184517	1754973
498629	288047.2	75740.98	39693.81	192618.2	260590.5	1064054	591674.6	209274.2	255569.8
13586071	12304371	168727.6	263072.5	1338529	6755018	29835964	30672665	291779.8	9163474
260902.4	100328.5	232016.7	275911.8	197542.4	579784.1	325999.6	240497.3	152702.5	192184.7
118251.8	85190.89	0	0	0	55013.57	284094.1	143144.9	5541.097	92021.98
1490997	957921.3	403835.7	528582.8	501593.2	6337766	4886629	2480706	424501.7	604826
309765.4	78073.83	244510.7	271329.9	297267.5	442349.2	550661.5	393248.8	232612.8	237935.8
163280.8	143423.1	84855.4	147611.4	783259.4	48024.26	322391.9	364495	0	207001.3
1108391	781038.8	8805.373	9293.389	118023.1	606210.1	2552386	1648254	155579.8	480035.6
277024.3	133139.8	57947.04	35182.79	204111.2	813391.1	1212551	493456.9	135332.8	216304.3
154168.4	95948.99	61876.46	57816.4	76635.61	145718.6	227275.5	166998.3	34719.2	79153.59
242691.4	187272	17095.15	0	66389.82	392489.6	304162.2	292366.9	36097.08	66464.46
6329628	5157880	47470.99	6600.508	274222.5	756671.1	15970919	10737067	552308.9	3234296
113305.6	43811.57	124129.3	68705.22	241771.2	134636.8	126023.7	55615.88	97007.43	133751.8

4053925	2509375	140605.2	78194.82	681833.3	5735377	6732917	5143529	635537.5	2205754
1.84E+08	1.12E+08	43640257	76123285	99263193	2.61E+08	2E+08	3.67E+08	81368198	1.26E+08
450455.3	374497.1	239910.2	1320930	835118.8	493041.5	328635.5	122585.8	317547.8	1096786
198215.3	190413	3586.985	6114.699	0	197486.3	365609	457324.8	26596.82	70780.81
378830	292868	6780.522	4162.204	81032.64	691146.1	409752	511973.8	14914.42	114984.7
502254.8	422990.3	2334.303	8619.053	43539.49	131753.1	1206141	1042448	120605	505392.2
427923.2	320943.6	3499.259	0	109979	545710	712309.5	775562.2	22380.04	178965.4
176324.7	203102.4	114274	109412.1	64496.33	346176.4	979759	458279.3	53190.68	14554.43
235400.6	96834.97	99091.91	136131.1	60761.06	1645013	414897.4	256307.4	119273.9	150056.6
2470641	4020385	2066243	1555598	3962008	20060232	187931.8	71528.97	2416761	9446634
1053330	655452.4	3030.776	8344.324	41803.35	982800.5	2251526	1498752	176998	661196.3
227625.8	258088.6	2780.181	6049.25	16660.22	114986.6	458451	674390.1	101399.1	116666.7
268492.1	214885.5	15535.52	8181.42	25522.33	150988.1	593856.5	405074.8	98095.63	235837.8
299713.4	258686.1	119274.2	103410.8	364739.9	1031516	669299.3	61401.12	112135.2	175414.6
378318.9	201148.7	190313.7	167063.9	196444.2	1566738	888176.3	284196.6	225953	191045.4
5164342	5585083	2127797	612410.9	1484412	614443.9	9663265	13911927	37199.02	2103495
752245.2	607104.4	163402.3	159032.1	160703.3	2147011	4775909	1207394	23453.79	526952.7
363206.1	351202.9	31924.29	3312.707	24879.22	60151.11	851325.1	341008.6	103794.5	428687.8
1299467	710514.5	130526.9	2047261	1590799	268447.4	625039	1041201	1744453	1405033
83868.37	79474.98	12149.34	36043.93	62557.73	566598.5	158359.8	73931.87	4470.115	45797.17
848613.3	670146.2	9437.729	8632.927	22238.33	1153928	1432097	1269523	254090.3	969231.9
4092028	2553180	9170.421	6753.249	120835.5	4602560	8207980	5879554	1276128	4479652
294906.8	224771.6	33191.86	15611.67	67369.64	309421	525407.2	293968.8	18092.57	152578.7
3102968	3625244	102288.7	46232.24	224113.1	3177854	4852112	9414239	695601.7	1022256
70526313	95018575	10087254	1.04E+08	2.45E+08	58661342	1.52E+08	2.31E+08	2174157	1621135
37186274	34601404	2628897	2006139	3625975	9263303	85317977	95103508	16803110	32523642
381548.1	253458.4	66375.69	13354.08	117639.9	518464.1	580399.9	697137.5	77195.5	170535.3
350242.4	357103.6	5465.072	2376.636	89468.02	38085.82	796299.9	905012.6	51275.67	384785.2
868686.1	623090	344045.1	656900.7	874903.3	2320427	1895255	920018.5	128422.4	500284.4
6405902	3159475	1494515	2544398	3832064	27099417	17134465	6828194	1190281	6320106
156997.7	134884.4	0	0	27718.34	294237.4	154984.2	190136.2	13006.8	65846.03
3117763	3157297	785069.5	1220724	1447070	636374.7	5308847	7927535	17440.33	4234645
389924	395859	19535.58	14237.65	119212.6	85791.88	836442.9	832737.5	122592.1	148551.1
417907.4	143084.1	80794.41	62761.09	119194.9	1517801	1857569	338231.8	371796.4	652252.5
246909.2	198537.8	28480.82	16487.86	39652.37	376591.2	331036.4	331513.3	0	71943.76
257650.6	281304.9	0	3349.544	4235.006	115627.1	554263.2	611142.3	5795.525	96009.54
831538.4	711766.5	0	0	35977.45	1137400	1357033	1336067	226174.1	742921.3
172625.5	53955.49	79210.49	89794.41	85913.64	1529375	183760.9	228982.5	85202.82	165891.8
8641606	12800425	17737.74	5651.797	38289.65	1368229	17039934	29341378	11255.32	245434.4
708427.9	508464	46760.89	28895.6	146284.3	1207904	881941.8	1251788	16941.16	359894.7
9837737	6627050	894664.2	821055.5	2498077	17346486	11231086	13527304	1297199	4815436
964370.4	1614285	42955.46	88880.2	98929.42	864853.8	868790.2	262003.7	108854.2	85718.28
2208046	2017803	16870.11	2291.125	180177.3	199480.7	5464799	3155346	603298.9	1913053
410875.4	259614.3	87471.04	77171.47	157697.9	120526.8	890323.8	254918.3	196352.2	430685.3
5893921	7057379	590848.4	327214.3	2483646	32843.97	11740800	11544986	0	1552603
14437178	7320938	2626096	1120167	5572246	19579020	22691926	21175806	3590759	10288269
347420	275367.4	12098.18	6663.357	38001.13	403905.1	626167.3	768109.6	90399.5	116123.8

2459596	2126455	431262.9	546881.6	11722442	3676176	4427737	4121735	497637.7	1570422
1122464	1704537	314402.2	328829.7	151903.5	1215031	600276.8	689758.1	12166.28	552391.9
10315646	2058174	7613568	12108885	9909578	6618050	10365185	13164058	8265881	8470415
401048.7	266051.4	3391.541	4217.232	19783.87	155213	988139.3	593352.7	58909.32	246321.4
9821135	6259480	1538094	1506545	3248233	12070064	15736089	10131813	2265768	4889157
2239230	1703839	450531.9	758595	9073672	367830.7	8910250	4657150	115515.9	1385302
15926471	23309477	422176	418721	1472648	6227662	27501769	57243051	1324007	7951337
2418913	1366426	584033.8	358020.3	1579602	1823789	4316397	2649204	462638.3	1688988
698262.8	524941.6	61236.26	56299.61	66507.51	1020567	1054110	966135.4	11202.66	269490.2
1186963	245713	1047196	1327139	1201561	1731193	1214474	1435852	1037509	1065510
15066759	6561661	6421149	6317321	7140811	56854544	40622455	12006920	7478660	24989618
12970510	14669276	46294.49	35131.32	253284.8	16808063	18615359	25783272	283290.2	3493156
211269.1	106254.4	50848.31	138543.3	131063.5	798070.1	505882.2	280579.6	108215.3	83078.07
591875.4	511634	42915.55	11694.95	54035.21	27285.03	1470781	509197.1	271432.8	820863.7
2725130	2695923	32385.12	7899.688	7482.147	1388336	6031737	6834954	25465.18	2094112
1.56E+08	1.98E+08	2346843	662282.6	3243845	58414866	3.17E+08	4.92E+08	16217218	57288446
3.08E+08	2.29E+08	62424389	42686526	1.4E+08	3.31E+08	4.77E+08	3.35E+08	54745774	1.45E+08
251862.1	356503	0	0	150876.7	2447631	522106.5	101830.9	0	9297.186
1665938	1324985	669898.1	139395.5	400270.9	2678376	1663284	2517820	137739.9	1079380
811665.4	519836.8	84943.07	76126.24	95205.23	1272967	1189788	1383924	128870.4	589197.5
2635204	3030152	127489.4	47774.16	69358.9	12197703	13561900	123647.6	40225.62	3590254
3177622	3015570	329222	220030.5	384435.1	920895.1	7092222	8159840	1093997	2466003
3987637	3857803	1620044	520677.9	4720681	2914040	3158380	9262761	37833.55	6726606
3936701	3936813	133961.5	33222.07	3159207	927341.5	7257755	2294113	181631.2	1038921
4506383	3025811	411041	345230.9	1255605	7764565	5354326	5788040	588995.5	2180136
14532780	7480244	2515025	1138985	5480082	20177475	22566460	21309995	3599863	9996293
793606.2	715924.4	27084.86	23793.71	61833	279783.5	1837085	1871993	228206.9	461598.6
178280.8	187483.6	6483.111	8749.749	20939.34	177683.8	300592.7	383878.5	36152.64	41579.36
26778541	21830175	1490685	635002.3	3688325	10624558	61759408	54178623	7708082	24510200
65488.21	66569.04	7555.449	18704.06	28342.79	609406.2	114134.2	132430.7	13310.96	6874.478
114893.5	134889.9	0	0	3129.561	22169.46	260152.7	239426.2	4091.344	32845.03
1211708	809888.1	181133.7	130970.5	402057.8	396879.1	2711471	2147812	251267	611291.1
211322.9	169258.8	222396.1	245634.6	259043.4	227447.5	413924.6	368714.1	37246.15	157523.4
171576.6	102125.6	31363.97	118818.7	48345.2	69143.04	329755.5	188342.2	120055.2	98492.29
3703349	2940873	34339.39	29152.72	321107.2	3218868	7670892	6479114	52939.89	1028641
123614.6	75816.47	83832.3	80935.04	193706.8	499648.7	86744.3	147337.9	25221.58	102033.8
174167	185735.2	81017.3	43629.23	143823.5	804909.1	405218.8	59769.32	11918.08	72435
430924.3	475805.3	19390.17	101015.1	272843.4	565103.4	327624.2	216525.8	299551.1	1271281
1589341	1290292	77873.52	42538.35	121753.2	469903	3822890	3262817	451539.9	1530571
1104893	732022.2	85138.6	98572.08	163091.7	1004267	2235674	1632437	125505.8	648989.3
7891882	6264893	41443.17	0	282913.4	627855.1	20460425	13386658	896233.5	4146539
79028047	1.14E+08	11276538	5147001	9973329	25114396	1.34E+08	2.67E+08	934257.7	1.08E+08
1317336	2501580	217891.5	82574.95	966454.3	452149.6	563055.5	5785847	98112.61	239689.7
1306506	591265	48416.36	58199.88	266579.5	2096437	2043867	1206596	716190.3	847210.4
202428.9	141828	0	0	0	5863.953	543342.2	290648.3	4316.166	99273.15
1137957	1557993	1081047	993961.6	356980.8	83422.37	445263.6	3866072	249824.5	95336.87
1163779	1251744	15014.42	0	324314	9084164	3301305	516328.5	7872.662	374499.2

5592442	5442860	2208837	652417.4	1816326	107942.9	11475993	14003639	24046.34	2787993
508039.6	339034.5	54627.21	46645.97	119365.1	820586.9	676085.6	629712.9	74176.24	226081.2
1217711	1139983	29697.77	4462.055	105242.7	1314369	2182677	1758657	189828.8	802737.3
1431560	370846.7	1088043	1740596	1578128	700232.8	1144625	2043229	1157302	1301476
1440259	971857.1	0	12142.53	43093.32	2464427	2101350	1777100	223475.5	763934.4
725720.8	154182.7	567656.3	764810.7	706992.5	1111238	898292.8	965234.9	699605.6	666757.5
16546913	22164353	1128262	1059355	6553390	8236794	25366149	4574286	1589332	5660122
18279953	16240499	5175500	2927275	3908515	7844907	36425621	39188270	508329.4	10821033
16294676	12680558	1718121	1596709	5053646	21842211	23858952	13330280	1833359	9015975
54063624	33286240	12428312	22178610	29100495	77894258	58653915	1.08E+08	23546314	37068582
1249416	1030267	86735.53	60674.42	535398.6	2794986	245117.2	2356797	271453.1	1108812
423036	266894.8	111371.4	97426.54	87170.33	430846.1	5360882	759481.8	157577.9	323644.6
390548.1	588019.8	31546.7	12969.79	28108.39	39319.25	739139.6	1434971	230296	70917.11
900696.3	813632.7	3901.624	8724.104	9118.788	45267.19	2306997	2071576	43046.92	270875.5
237638.6	116108.8	39706.45	25033.65	63208.66	200544	488022	325967.3	68671.51	171685.5
4718251	3201278	1643393	2050079	1774147	5568849	6180964	6561476	649371.3	1868399
123284.1	48586.09	22637.84	30426.57	15410.74	63210.1	281238.1	192941.7	107731.4	116088.8
1712624	1445440	243055	150380.3	154145.5	403640	4003587	2633452	17627.83	762660
246514.8	153106.5	157687.5	229313.8	159328	82998.22	313971.7	231416.2	35293.87	321291.9
24554589	21995869	4514551	5695425	7198009	29173222	33482002	19070698	4169540	15782386
1085740	781984	78624.35	18955.66	226806.9	1983877	1227966	1591509	74255.56	417707.5
675632.6	1071523	173006.7	4658165	1634813	297546.3	227202.6	56547.04	285648.3	2586212
7593856	4148618	1169122	1193288	3021368	8738136	12988221	9025390	572587.6	7622727
5280278	5092558	6813387	3175436	15245167	2431856	10715726	13373362	118685.6	6690496
15403333	13055821	285860.9	59297.45	515645.1	3485780	38265503	30022443	4920276	14495371
375845.4	274942.3	16786.03	29629.81	82605.72	454719.6	650169.6	353889.9	54834.91	169422.7
1090413	1997689	504302.4	528606.1	137804.4	3729960	5718119	4660964	321549.4	90399.22
2953762	6057728	750912.3	1817659	1798470	7527.738	50731.77	541217.1	13784171	303100.6
930996.5	439358.8	334913.7	233393.1	565938.8	2793679	3305442	1158165	425623.3	1539684
714603.2	441693.2	106455.6	99583.29	848929.2	3083684	1639598	925957.9	94073.34	426173.2
223692.7	197504.8	5815.133	0	3231.118	115412.6	514499	203922.9	11295.55	174911.1
24594129	34714929	203534	132474.5	1521186	2383394	51410596	81594191	0	361756.5
255302.1	34135.28	9720.517	19317.21	18312.02	548565.7	275731.4	211860.7	287384.3	248986.1
148883	70823.67	125989.1	169172.7	136645.9	393002.2	137146.6	218885.6	70186.04	226710.4
285457.9	248132.2	0	4812.855	23821.84	296640.1	543620.6	540507.4	69317.81	266522.3
8268291	4450774	1726215	998882.4	4925736	13008795	9674107	14752535	2553951	6859135
146114.4	122725.4	0	9081.489	47333.45	207651.5	206363.5	116091.9	13172.54	60666.35
726638.3	599768	2381.799	0	3663.993	1004530	1235322	1634184	83333.32	295606.9
112298.1	82709.89	2772.307	2873.716	0	67581.2	262125.2	142886	6394.938	68728.84
696871.8	547502.6	65665.97	202545.3	332481.6	466580	1256774	664623.3	168963.7	397245.5
485919.8	677715.1	17772.51	3464.658	55850.66	630728	502423.8	222101.1	33988.12	46500.42
1549706	1432935	301952.9	213452.9	991205	678379.4	2718887	1159376	415770.5	1143078
818785	529840.1	30239.3	9598.203	116764.3	1247462	1308281	975916.3	117205.2	423763.3
499042.3	320311.6	147262	160673.9	336871	1882072	1392124	705102.6	50959.5	287185.2
180349.8	179581	0	5707.241	0	125869.1	379082.3	310163.2	29185.25	55635.69
287234.2	334662.2	62929.14	0	25213.78	117586.1	568793.7	840259.4	0	49290.81
2666092	2167384	350873.3	695012.8	1533283	716022.2	5259609	1251479	1418487	1738041

289323.8	55710.91	150351.1	215334.9	239163.2	383573.1	290282.9	252722.2	241614.2	258598
1041818	984684.5	0	0	29722.35	262092.7	2535884	2089817	0	22083.94
799936.6	716890.4	0	0	35977.45	986505.2	1406433	1319380	88253.68	602523.6
167019.2	124130.4	39607.3	70683.22	77062.54	859959.6	403023.6	228550	10442.28	67330.9
4202630	3793730	457013.1	255156.6	2207262	6342595	4326089	9716444	89421.01	1427539
254893.8	58072.38	26650.65	17702.43	76622.69	420256.4	386829.7	196411.7	219092.5	232709.6
328983.1	183278.9	0	0	16979.66	0	904119.9	518924.4	73017.75	391935.6
262607.5	247151.7	0	0	6254.599	230081.5	531772.7	565513.6	48419.94	209470.9
148075.8	94791.94	23203.74	14086.29	29352.9	594786.1	643936.9	231902.4	64998.59	243538.9
923683.1	777580.7	217002.7	225622.4	277934.9	374414	1843248	1508394	46270.41	182996.3
98323.63	117188.2	29343.25	58126.43	39845.69	119060	42796.71	285096.4	0	28147.07
1522519	207119.7	1164482	1384709	1049390	1994813	1338636	1417124	1361874	1360196
946761.7	563414.9	230898.7	97170.7	612737.9	839328.7	1629731	1119042	171500.9	576746.3
8771427	18179417	40863.02	31728.75	223603	351240.3	11915482	41275310	1624096	150104.8
7727763	8713198	98473.47	92089.69	164464.1	10203105	11223110	15417475	188344.4	2077253
138567.1	151582.6	82773.86	63449.3	73355.29	237054.5	815366.1	133004.8	31155.13	64553.9
347067.2	230631.2	52905.57	79488.26	233353.2	1594528	945449.9	288811.5	38949.92	256001.9
1.72E+08	3.73E+08	15156328	86463104	2111957	1.24E+08	2707403	5542645	10056070	3428116
3000445	1926238	473159	532512.3	3590072	13243493	6415030	3791500	383299.9	1696979
779993.4	435360.9	264002.7	400596.5	204891	1043341	1027655	891868.8	205672.3	454905.9
1494399	1845423	232441.7	73238.13	459231.3	350744.9	2850335	4691646	20340.94	602910.2
3680587	2242171	881138.2	842400.2	981397.1	2514421	7420905	4079095	1038941	3152577
740750.9	830082.6	661535.9	378110.6	99022.06	686174.3	454261.8	410189	2199361	116554.2
2168276	1934928	208293.5	26744.4	995399.7	2091296	3617917	2507117	171232	333531.5
326037.6	201715.7	44898.76	2397.325	129806.4	423650.4	532875	507940.1	71126	159547.5
4816737	6699640	96602.04	3259.553	584813.8	354949.9	10160296	15971292	3769.933	1821365
2628344	4112952	644668.6	18398352	6151305	1204638	709314.6	386254.2	1028110	9972276
294205.4	185970.5	22381.08	13968.9	176291.1	1478304	889366.6	473055.3	27538.75	178367.8
329755	255813	337520.3	347812.9	686252.9	486326.4	277987.1	351459.6	58703.03	200333
19643639	22737160	34608.27	4777.783	163639.3	3672767	45956835	53861763	742514.4	5347251
8484854	6558526	887071.7	643858	1673817	11173346	13611681	8538191	1094882	7064526
134067.2	90722.42	55136.91	2992.363	102860.2	45543.64	252871.3	229720.2	9105.246	77347.16
178558.5	148408	74141.15	66174.13	155568.3	597935	454996.9	167842.3	64701.56	74505.34
191536.6	150738	11931.28	8349.593	39669.22	328733.5	234137.5	360026.1	17122.62	66056.87
167507.1	87663.15	160222.9	176313.7	39895.03	71461.08	209077.2	244696.8	70692.96	109687.2
653652.6	513920.7	244265.4	124166.5	966922.8	1098459	2677367	1487708	291300	669834.9
18468298	14929094	1045488	473646.4	2639456	8043467	42894021	36840626	5413733	17449507
402313.1	472947.5	70513.32	57020.57	245641.5	263819.8	542867.7	588013.2	45266.15	108337.8
206155.6	192860.5	73032.85	54757.64	161670.8	1129101	405687.1	120597.8	11035.95	87335.03
45881.16	36726.67	10585.6	0	34610.92	275736.6	104555.4	90581.67	4970.036	16738.34
316223.5	199216.7	100198.3	67214.98	116248.6	582619	252748.8	438539.6	74953.96	127954.7
542628.5	535279.2	2524.079	0	43830.24	333757.8	1170812	897488.7	25518.8	354146.3
169600.5	140427.9	6605.792	0	36424.59	303549.5	192993.1	124810.9	5901.746	131573.5
423533.7	423577.7	2383.351	3041.388	0	325124.9	881240.2	765896.2	72520.13	299698
1889781	2986562	451385.9	13531226	4318695	801118.7	555019.5	225737.3	657423.1	7220918
690903.6	645091.8	235963.6	343220.9	745641	2849330	1271226	671812.6	63853.41	233394.2
5754061	3329978	1323586	787477.8	3475767	2522556	11782781	6024232	1230343	3861462

135815.1	227984.6	0	0	71572.19	1599379	193852.2	82293.63	0	12064.4
1460163	1113882	89717.71	28606.27	306295.6	2552281	1792810	2053650	204868.5	452613.4
1543206	952459.4	169218.1	98027.26	431140.6	2828064	1763920	2412974	228477.7	905742.8
584360.4	262581	660749.3	532129.9	434764	412812.6	422787.5	1017037	322215.4	553548.1
337071.2	164844.6	83586.93	40048.88	155484.2	632685.2	310207.3	337234	69845.43	337436.8
1345326	1079120	684945.1	1005328	11947274	755880.2	728305.4	2585281	108007.9	2320066
554970.4	527805.2	49956.32	165849.7	345126.7	854249.4	383247.7	58877.48	435125.5	1456643
19119855	12822956	264654.5	128312	1067969	17424836	41569564	24376634	3108318	12490305
159440.2	79915.34	152964.2	103491.7	103619.3	226420.3	519384.1	213853.7	40602.41	128071.9
237670.4	149042.8	0	4141.077	10056.68	0	651741.4	398147.4	0	303085.9
11675748	12948514	78268.26	82107.32	194051.8	3337023	27073938	33333940	1135753	4717536
61905543	46563533	12584267	8274006	28352635	67562891	97417805	67803013	10351700	28711307
579107.5	869775.9	96303.02	102383.6	115769.8	776272.4	315044.7	241326.6	13100.74	337456.1
2231495	2523689	1257036	216279.3	629033.4	794152.4	3672771	6725058	819535.2	1196015
474647.7	228867.2	122982.2	25427.67	0	201362.3	1160247	704633	425217.3	412330.3
7138827	4876725	929196.8	688464.7	4046796	40722694	18339009	12050203	840665.3	3556797
241609.1	117361.7	40265.49	0	103378.6	205052.7	493690.5	116897.1	301821.7	382425.7
128445.2	180511.2	2731.723	8005.569	50767.19	1366154	212040.8	11474.03	0	0
1657820	2134676	48580.33	13421.7	91048.2	626033.5	3415432	5392677	0	749311.1
4051262	2833283	347758.4	256298	169325.7	1129231	10140666	8464500	1921851	2394407
1117807	693507.1	78409.91	35382.05	237884.4	1787776	1672960	978591.1	189109.4	959934.8
537548.3	800328.5	22663.31	12131.51	41273.76	668140.8	553149.7	111211.5	40636.92	143099.2
87383.58	80300	55508.78	118816.5	80705.11	366907.1	59355.26	229032.3	41528.78	38571.37
740785.2	434514.2	576757.7	770984.8	863810.8	939917.3	1387654	328467.6	871572.9	491256.8
1182853	928125.2	2222.268	8596.506	0	1780780	1952199	2391796	77814.56	806189.5
82722.66	38092.5	8181.637	4783.81	16087.16	156021.9	103764.6	97270.88	30380.93	55577.75
14832058	8201779	3906982	2283606	9422210	13013884	25900049	16798407	3228539	10140320
163830.5	169938.8	2802.376	0	19095.27	1476084	392585.3	90561.75	0	67642.88
1218786	816930.7	523474.3	3320508	2120445	1506953	807311.2	591173.9	888462.8	2650407
160272.8	84187.31	23509.47	23489.55	21987.38	275547.6	219331.5	150882.1	50404.58	117925.7
75754.46	11163.31	65578.56	98137.44	86107.99	78718.16	76094.57	68464.39	65134.79	69469.16
619301.9	402505.8	110966.6	69773.47	356089	392732.3	1207767	1156553	97547.82	449926.9
130567.6	85917.01	4932.294	2832.204	9971.562	157695.1	252412.8	225376.3	17632.33	90127.01
18778641	19330868	9134445	2446408	12652320	8156668	27229690	46221495	9426.551	9404684
353849.1	218849.2	190617.9	193090.4	198783.8	1712415	594477.9	536954.2	99595.5	130813
56381240	35242731	5309920	2448957	12946785	83532886	89345609	48076231	10424040	39773329
377540.9	246484.3	41940.17	48391.12	52329.38	250018.4	833231	484239.4	49549.11	197377.3
943529.9	1703740	9752.436	4908.845	0	172655.6	1578343	3954463	0	0
819517.6	870927.2	60616.3	42825.95	203877.5	1321323	830042.1	1704188	95764.22	107841
685683.8	570038.4	66547.83	11272.63	254173.1	193676.1	1554563	1569508	131687.2	270995.3
829116.4	674008.9	122958.9	84305.16	97440.35	445680.9	1820479	777285.4	159322.3	545648.2
83144172	1.72E+08	59038.74	83610.72	1.23E+08	306689.6	1297044	3.89E+08	25161871	396511.6
910370.1	645313.5	2467.161	4521.867	125964.5	3525786	4727079	1190210	100270.5	811168.8
7614679	6480268	191094.9	241893.7	114670.6	1186506	19497480	16221500	7974158	11193889
264220.7	189392.8	3024.284	4886.256	11730.87	319397	510248.3	369409.6	21011.25	141633.8
7514303	6298888	1307016	1951248	1756183	16192591	2265878	9574344	1679812	5537167
12775236	8754137	2419437	1090980	4384514	7881975	26690485	16052407	2435375	7445037

425137.3	372387.7	34102.88	0	49905.65	78525.66	1046850	627472.1	65523.96	332194.4
762878.6	451954.9	573046.5	353338.4	1349515	2036555	785641.6	384872.5	359882.7	621881
490917.6	163476.2	299746.3	339837.8	348872.4	311084.2	757307.3	586472.8	353598.3	513327
1479889	481841.8	755433	675954.2	822580.7	4644121	3677424	1139153	1299778	2331584
2.33E+08	3.28E+08	1.5E+08	90640276	1671095	3.5E+08	2246451	1379088	4.52E+08	2206376
15066708	14841821	2916479	3589601	4714834	17838530	19432618	10075536	2339417	9137806
3594102	3337789	313573.9	253914.6	1843455	3112972	44021267	721265.7	8441294	5686191
1062893	1030801	14655.02	2548.543	10272.11	218093.2	2645695	1839633	255416	745060.7
1326168	942810.7	297027.6	207513.8	945090.8	3981431	5170011	854246.3	213708.3	940322.6
186103	140927.8	142650.9	158726.8	164201.5	123477.5	109161.7	352686.6	67602.69	89926.87
1174689	782745.6	406451.1	174080.5	693442.4	1017305	1951414	1266296	261079.8	820048.3
515850.8	471882	0	3556.164	26379.05	409195.5	1097217	1090394	0	65663.51
3082254	3360074	22711.73	134023.6	589781.9	106097.3	7334001	5782525	0	1515024
3363657	2004204	725726.9	275805.7	209006.8	349351.1	8625278	5478007	1747213	3738838
8011967	6081028	1739309	1202038	4411002	54235325	16004977	10283977	333445.2	2915566
430317.2	361916.3	43935.11	23487.41	204062	486357.2	674258.9	472586.6	31118.34	171508.5
3077643	2937665	864210	456489.2	1048752	1143365	6031104	7424638	456136.2	252345.8
221089.9	166988.3	49724.27	33242.05	61933.38	207262.6	398172.4	187540.7	37381.32	99726.08
279911.3	191454.5	64822.26	20498.24	132885.8	1588457	711611.3	278085.9	38415.16	152574.7
142882.5	71354.37	63573.41	38324.65	68055.15	470601.1	445676	234345	46521	112195.5
470566.9	567448.1	3432.357	7023.113	261977.8	4152355	900902.8	232321.5	0	31102.47
72913.7	42935.72	16273.17	7345.414	83344.45	335540.2	148057	131462.7	13515.17	57628.27
338481.1	283466.8	3674.537	8787.084	44820.31	170389	784699.1	657825.5	69004.12	98388.17
247467.3	238662.3	34847.67	21836.49	39346.55	128298.1	517830	616882.9	8690.88	137430.8
341449.7	272180.5	90596.48	123806.4	29017.41	935777.8	1882154	389760.2	105074.7	264538.1
1557504	1190948	53167.5	17607.39	190834.2	1438741	3240651	2798760	596969.7	1531020
1597865	1367892	48596.97	33629.3	203524.2	610308.1	3800249	2880689	452402.4	1209629
741123.2	556392.4	153795.7	95725.33	192759.6	273333.7	1647567	991513	76893.21	586870.2
358417.5	221210.3	156163.4	149289.6	232465.1	326966.4	509781.7	318121.3	88032.73	224140.1
506526	135028.8	361151.6	475985.4	480317	427666.2	548242.3	668007.1	336593.5	451578.3
511262.6	570180.4	0	0	91198.03	3882422	1415343	250099.2	0	110435.8
3065400	1862654	712600	575858.5	3900615	7216786	10140069	3820358	544454.4	1692152
442046.1	282338.8	40514.47	61913.05	86353.89	1729824	1892813	582935.9	182858.8	763046.7
427075.8	532242.2	172929.8	179482.5	411153	132206.7	360323.6	384613.7	6618.901	262039
13064672	8185758	1402416	1879231	5250324	19625562	18344724	17975975	1932977	6710835
2214221	2594914	1126854	663089.2	2526739	932401.5	1508214	2745334	409259.4	417958.8
15065863	6174060	6305329	5796191	7129395	53820318	39976607	13162099	7358935	24476123
181728.8	131434	5708.914	8912.228	3215.582	167035.2	391226.7	258218.4	15811.24	149112.7
12620947	12328526	88022.07	33320.24	102531.6	6364686	29217926	29239597	1751778	5485883
1138160	888979.9	290472.3	319763	80638.04	323261.7	2561570	2490936	420356	1485383
2316826	2442171	1551096	593006.1	2712270	1041014	1593251	4503616	4782.421	5289586
11241466	6149090	1775874	798836.3	4195886	15660977	17986458	16131719	2311523	7342833
14934549	20849417	2921876	2591954	3686075	27989781	207789.9	44655358	29320661	168834
772013.7	514201.4	91590.04	138222.9	919881.2	3286885	1670285	881357.8	80928.04	449904.2
708679.1	533354.3	96657.06	51463.38	156574	833680.1	1241621	755881.4	109709.5	404344.6
7866390	3941630	2590992	3587738	15149979	9631924	23181975	10118993	1157502	7778042
192626.5	146367.6	9703.557	4524.109	37658.82	272177	313638.3	245601.5	11284.94	78486.32

679049.1	391402.8	69064.24	31920.03	62732.91	1598557	425739.3	1026117	230929.8	533284
160916.9	113057.1	25987.09	46144.79	47897.68	86549.75	334344	194466.7	30729.4	73866.65
149001.7	143633	17165.06	5578.345	24354.05	230087.3	190285.5	44895.64	17514.57	157037.6
172929.3	111914	0	0	2718.316	91647.45	431612.7	237269.4	36706.25	126003.1
273054.9	158244.9	171277.3	251631	218531.7	624558.6	487516.8	398925.2	123472.7	78635.19
675884.6	492936.1	52953.87	5369.318	160908.3	211462.1	1637899	1264063	294264.2	897825.1
742736.2	430932.8	161737.3	77441.54	331491.3	480049.7	1534310	1189316	149573	455971.3
841922.4	743676.3	9121.639	6506.103	64960.49	1056796	1497712	1185680	113484.5	641112.2
16698946	18396390	5726520	3773698	10504232	5551669	25851310	48247126	1226340	8115947
352684.2	230542.1	161018.7	158927.5	117644.5	242067.8	611408.4	515041.1	38030.99	177549.3
516750.4	379554.2	179007.1	161273.1	261780.9	750799.3	522992.2	822939.7	168519.4	245005.1
29399690	42071257	1135558	957807.9	14358981	881633.8	54768881	99679559	0	6704149
501354.7	374009.4	231120.2	490593.2	644999.5	219975.3	265583	685682.4	60660.04	210248.1
11727872	7435997	145290.3	71708.54	702763	10054056	26531085	16246827	1825425	7536746
483417.6	302717.6	94066.39	57494.07	155369.4	305915.6	1027857	858866.3	107445.6	268783
2344914	1473576	344161.5	381043	1055580	3215727	3463647	2898480	453880.2	1621825
116201.4	44658.16	10439.15	13821.31	6784.57	13689.31	312050.5	187051.9	98364.54	120843.2
1743045	1236329	3587.879	0	26459.32	144323	4751371	2591345	3214678	448185.2
3324786	3591687	595914.9	797604.4	988841.6	3805566	4188086	1948647	513531.6	1963989
1026255	912606.6	0	0	36975.15	3040101	7397061	1469698	28732.86	639221.2
162716.5	84336.85	54390.33	27810.97	51961.41	241139.5	230850.7	133416	82279.47	92535.37
736280.5	669602.7	2670.906	4079.136	24277.18	1753664	6479782	1384177	159978.6	630271.3
612051.4	536568.4	0	7776.737	4189.672	28625.29	1631901	1363528	22496.84	181553.6
1052220	689101.7	115550	136660.4	657480.2	671698.2	2066870	1813187	574478.8	299708.3
320201.6	293606	3909.766	2063.288	6489.186	271104.8	679183.4	794882	7276.066	179234.9
1710998	553674.1	1301775	1553410	1748018	2870217	2381636	1821803	970147.9	1330842
197937.3	208160.2	46655.15	48914.16	148830.4	79528.71	301645.5	146555.3	7566.93	126255.1
28064639	42157121	756165.4	731385.8	14248685	875708.4	50170968	1E+08	0	6707821
921391.9	227245.8	107135	89699.32	326241.9	191831.8	2320982	1253777	695572.8	769443.5
3857787	2039876	1535975	1938269	2493152	5799058	3452190	7377936	2246702	2945627
126223.5	125201.4	95740.81	40711.81	171928	482716.6	166128.1	199493.9	4700.111	29865.84
648228.5	469346.2	243311.3	155180.5	358089.2	5118635	825031.1	848224.2	92796.86	271968
532372	490496.5	0	6810.773	0	417801.5	1161884	880393.6	91427.67	129512.6
105105.7	75063.97	23924.71	16305.41	95898.45	490788.2	230551.7	127141.4	23069.8	56346.14
225412.5	223968.8	68251.45	224768.2	38577.26	212596.2	205829.9	605500.3	53797.02	67013.95
13508382	18127498	15833759	2904302	7804533	2390950	8771185	44713614	11203383	412529
76826.53	60203.02	53380.56	235586.6	143438.8	46313.22	60611.09	21698.42	68511.56	178754.7
37057940	35077916	165204.8	191751.5	591506.3	19489421	86623338	83186056	5483929	17239278
48445255	35000582	20645374	15282235	1.03E+08	47216411	1.72E+08	98620416	150934.5	48982699
379837	92559.88	315006.4	394022.7	410538.8	581177.4	403530.2	325272.9	387267.4	431215.4
15614369	10786102	1433321	1145522	4267445	28433570	18038678	21794666	2017465	7489377
1.03E+08	51126240	19646596	9822082	40742978	1.49E+08	1.6E+08	1.45E+08	28209204	71151675
1.25E+08	1.59E+08	456164.1	173825.9	1371255	16508790	2.93E+08	3.88E+08	8576409	38157296
736587.3	939840.2	4464.802	0	13812.79	110463.6	1715557	2355657	107479.2	695595.9
144621.5	46517.7	75549.35	80561.47	138642.7	950681	90835.86	160033.8	75885.16	155812
6570642	4808301	42933.18	44508.28	245254	5908500	14503356	8234505	1022138	4094960
94926.52	74359.11	14638.44	30263.84	71829.77	134379	88099.61	95821.04	16531.63	53306.86

741260	674572.2	2572.124	8158.498	29666.87	58853.63	1943006	988947	241689.9	680045.9
1009577	930439.6	861959.6	258194.5	434513.1	5880677	1530864	2635245	478791.7	599802.4
523337.1	348097.1	33462.1	31168.87	11386.22	85748.94	1385482	738847.4	822572.7	766387.3
280730.4	267908.6	2850.832	0	3847.281	1118071	1480099	398847.4	0	109736
6417220	9504010	2154074	314894.7	2966745	1822076	9070431	23239756	28146.32	3834018
372089.9	287051	42893.21	48465.39	53624.99	58036.45	920365.4	654202.1	68548.55	297585.6
134315.2	100532.9	28202.87	73273.3	60965.78	916821.6	202675.9	156801.4	7332.673	64933.7
1851025	1559872	342405.4	294357.7	569943.5	895681.3	3857777	598401.1	391051.7	1757257
421517	322328.2	0	0	28985.44	756269.7	581096.1	535229.9	35336.43	189254.7
205042.2	216350.1	26285.65	89120.42	116658.6	297598.6	126437.8	78133.74	178105.8	585416.9
487150.1	326299.2	2462.903	0	3521.739	459580	6619493	806085.7	38481.08	417455.2
9679509	7817436	65411.44	3466.1	454197.2	1423789	25574777	16978792	978643.6	5196239
2232858	1481076	154818.9	101950.6	548650.4	4178649	2626369	3030035	261174.7	1123243
381391.2	244733.4	102801	70877.4	349139.5	172361.8	680360.4	520215.7	26939.73	249658.5
154479.3	118779.3	56300	151701.1	123912.9	508596.9	257293.6	194867.2	33000.97	67429.97
1.26E+08	1.1E+08	10770699	5372733	1.06E+08	42019801	2.4E+08	1.8E+08	1014756	42793401
84023.75	100413.3	69593.64	95751.15	516344.4	49059.78	39266.01	257411.3	0	73314.09
10755975	7136748	797448.5	358837.7	2220456	16183022	17284705	8795152	1631254	7349382
180141.6	26162.78	60747.75	66291.67	521387	124044.1	504945.2	160903.1	159594.7	162666.6
493414.7	698270.3	3251.684	2259.219	30384.18	166738.4	1008436	1709894	44965.63	219487.4
5018490	5375459	75764.24	5223.944	59178.64	7125124	7629780	9137363	0	467338
85552.1	79145.06	23459.61	17795.49	68019.44	478796.9	162355.8	47717.99	6421.625	50865.67
127340.1	105150.4	22979.5	19343.83	46159.22	61855.38	263924.7	285446.4	5717.135	64711.9
1010393	926358.1	151542.2	23862.29	414250.3	1618525	1099777	2036231	4675.828	48698.34
2110322	1153669	323114.5	290910.3	1218423	1006495	4518977	2613250	512275.8	1300002
1771449	955630.9	429190.4	182886	840429.7	1141278	3679626	2653142	450136.4	1166027
65332.62	28686.07	0	4412.451	22170.6	178847.2	391340.1	62710.17	67688.45	44819.31
304776.9	340348.9	105291.6	71119.43	409444.2	1207991	601968.1	93875.11	50134.53	148922.5
185434.8	184767.1	114899.6	203714.9	250569	263692.9	424687.8	190961.6	101034.2	73410.27
2598520	1476527	865438.5	874959.1	1880926	2622377	3820732	4162238	719649.1	1647346
119870.6	64672.58	37473.22	52752.75	49325.13	650593.6	231977	39424.31	110646.1	124475.7
955321.6	817685.1	322039.6	158216.8	889364.7	6983242	1089355	1407905	65953.82	412777.1
443477.3	265218.9	60031.73	33774.03	176474.2	119815.4	1054920	666919.3	163727.8	186296
2026329	1115831	270041.1	112568.7	779073.9	2819558	3317789	2771811	485782.2	1428414
238039.8	246355.4	213871.1	317795.3	1274264	130195.6	98103.64	643461.9	0	194789.2
748301.2	263000.2	575559.2	577300.6	571174.3	877026.5	689453.1	916966.6	314534.6	757349.7
1823999	705487.7	774636.8	549873	1003389	4772484	6350904	2412616	962658.3	2660168
819617.7	549540	461543.8	173757.7	591516.7	5073500	1087476	345881.5	774610.4	591098.7
11007947	12832698	6620.369	7417.578	0	414310.8	27760088	27438166	54144.53	4060097
70662.64	28810.43	45977.64	54366.19	53936.29	68336.69	81552.66	71270.44	55516.66	74461.15
219897.7	156410.8	19678.67	2558.85	191567.1	9876.183	483903.6	315529.1	9082.143	122858.9
2409094	1968047	32464.35	16261.07	276145.6	2237064	5056891	4952727	885046.7	2181970
184303.2	173434.1	66226.5	80098.22	338776.3	122907.9	937302.9	464003.4	21265.81	100449
4247545	2844005	504414.1	327275.6	1148047	7896111	4782796	6602892	621729.9	2154176
640016	864230.4	273093.6	680348	387351.1	293122	183616.1	307092.4	22400.84	663803.3
784980.7	768120.1	119885.1	33374.13	253834.4	343076.5	1646816	1676979	167343.4	211905.8
2411830	1697558	147110.8	86495.92	569012.2	4558569	2778075	3517906	229352.8	942377.4

178247.2	161338	5913.737	0	27947.92	947807.3	635555.9	428991.6	0	85001.1
608418.6	438062.9	272631.5	157309.5	203312	6291747	401955.8	338373.2	216071	361432.3
2318292	552926.6	1830914	2688937	2050490	1613905	2355964	3136398	1657991	2031200
391774	365975.2	98810.44	1275093	786647	504616	198962.4	138365.5	240729.7	1032817
231368.2	170220.4	147212.5	161286.2	185837.8	567212.2	492905.9	44571.21	126588.6	166571.8
386653.2	279696.5	106343.3	86707.16	230718.5	1694928	981037.7	303420.1	82266.77	185993.6
5500423	5417396	988888.1	1282833	1570416	6527738	7587772	3985245	781315.3	3227385
2706401	1801085	510668.3	420103.6	1233657	2923974	4617716	4420624	488856.9	1326798
291269	211220.6	52783.2	72895.92	186436	1752408	548019.1	277636.8	74088	126969.8
4.04E+08	1.97E+08	77840157	40754192	1.63E+08	5.94E+08	6.21E+08	5.63E+08	1.13E+08	2.86E+08
611422.2	497659.9	23592.06	66320.32	463718.6	918797.7	642456.2	823377.9	17260.14	137336.4
66994735	90315363	7501.974	4370.412	0	36080023	1.36E+08	2.11E+08	246050.8	5741923
2802737	1504011	479978.6	215420.4	1015139	3925690	4560735	4246898	647322.3	1849507
551384	426698.7	386531.7	506335.8	499876.5	1762872	667503	1176937	134660.8	258694.5
10907108	12320277	8633476	2606617	4115426	15734763	71733814	8524424	0	1594119
2093490	1634115	0	0	508400.7	3537457	2897778	4423123	382290.7	715069
92414.5	63755.28	42101.44	43803.52	63774.87	263771.5	243991.7	71768.17	30249.17	44808.63
1750695	1258718	95075.67	133958.8	5815198	1508416	6232040	1499051	230890.8	966890.7
1500858	1211304	148028.2	137747.5	354651.1	3122540	1123780	2095178	94339.05	413344.9
326026.6	393382	0	0	170531.4	2907683	554743.5	173455.1	0	0
992559.8	817527	98063.44	53163.6	74673.85	1580160	1457276	1506694	96253.84	660318.6
2905824	3124397	125396.1	101775.5	102960.6	456516.3	7156432	7933303	2214756	38954.77
5853064	8107835	45773.62	18101.65	146168.6	3319120	11439860	19964371	592055.8	2820344
3363264	1517575	697319.6	283700.9	505523.7	7712333	2341453	5187135	1493335	2346399
583383	173579.8	111605.4	45323.74	214670.4	901355.2	926257.4	799985.5	352606.8	704200.1
1550046	1784759	862137.1	1119624	1060327	1236404	675159.7	665676.7	572089.7	669142.4
4013832	5848889	4617091	5415050	17703681	746152.1	4573518	14318764	26868.24	2849935
9845459	6384378	846794.9	273856.8	3070346	19988120	9455942	13499168	821799.6	5652220
140215	132306	29130.62	2934.275	72243.36	151778.2	208428.2	86758.7	5128.276	46504.57
1816165	1584307	782795.4	518320.8	4982807	1196034	6284668	1226451	59178.78	4188402
375897.2	371280.4	6351.45	9765.193	203181.8	294095.3	676183.5	555965.7	35805.15	363678.8
376387.2	417813.5	170525.1	102240	556636.8	1298995	702837.8	336628.7	25078.56	77292.65
1849737	1457991	44716.14	0	2869.751	118455.6	5067128	3339096	1391529	3391715
420417.3	682543	169872.9	168555.3	297583	209898.8	191932.9	264602.9	0	137618.4
814624.2	1037047	5588.349	38575.97	463804.1	7100196	1344095	455111.2	0	53581.07
1049612	322117.4	639464.7	905857.2	963858.3	1004770	1170108	1514513	753173.1	780852
872651.2	384079.9	0	14997.09	140268.5	1735000	7549119	1325116	314292.9	719925
10400540	22105017	5290221	4587808	6287321	611774.3	676458.9	659899.8	49941589	288980.8
3490710	3317116	441936.7	251952.9	152629.7	1440433	8100076	8982990	1314278	2365506
347481.2	387393.2	47671.74	36490.83	12051.63	8998.54	841158.7	999126.6	344102.8	266592.3
150827.3	158714.8	0	0	5804.951	243886.8	205393.3	46512.25	13110.78	140237.6
7496802	10856478	192786.1	13010.1	0	1192234	16549509	25890481	0	2472568
3921971	2831489	258314.5	154618.1	221002.2	3910373	8276352	6040914	250908	6202539
5097262	6870402	54876.21	89434.73	103570.5	2799227	10227909	17019144	615026.6	2763446
3075951	1898181	397970.6	389343.7	670099.4	6614640	2427142	4951217	809181.9	1621626
965123.5	823100.1	50966.3	18423.59	117078.5	505799.7	2260628	2026494	219559.1	967832.6
17088085	16072105	1022301	831211.6	2812480	4719707	40954910	43715692	6314289	16673571

68172173	43209495	16235246	10427411	42678284	1.18E+08	62126238	54108031	15276289	47311283
1086720	1029173	0	0	48244.83	550606.9	2583952	2023162	115568.9	1048768
150339	106494	111796.6	34197.58	175239.5	399063.2	300810.7	97209.69	37410.2	89334.78
308805.2	218007.8	26297.99	4146.639	75501.69	363652.9	579684.6	451708.7	62310.65	119359.9
948890.5	684274.5	39024.03	18636.3	163185.3	500565.1	2272678	1867363	63974.76	893133.1
124394.6	76891.76	15915.77	9660.553	22664.46	279525.6	88806.31	249170.2	49580.1	119548.3
1061841	705735.1	55625.58	86278.43	82664.94	1092503	2224606	1309176	134437.2	724435.6
241962	314187.4	23692.28	3552.594	296582.5	322573.7	1779020	789870.8	21559.07	103137.7
335001.8	271452.6	44202.84	146681.6	114806.6	3278118	291761.8	125426.5	101825.9	289641
326652.2	196800	52544.35	18070.16	53517.81	555898.6	468508.7	582704	239878.1	488901.9
1942460	1254755	16145.62	5640.014	128625.7	2224956	4055656	3248641	731903.4	1851684
72900.25	51885.25	18617.36	36078.69	62704.81	439038.1	87438.09	88884.36	0	39813.51
175978	149176.1	10256.59	0	6394.634	147180	385890.8	351311.3	0	82752.67
6229992	4383093	528534.1	293421.3	1560183	12164015	6628604	8827173	866285.1	2438871
73674.71	49619.73	38433.78	90195.62	161751.7	127097.3	55648.08	102325.3	36716.98	45467.05
1219204	380907.9	914574.6	2647961	1177239	1467424	1076125	1291558	1139172	622842.5
150069.7	129401	15999.55	44121.47	67347.57	890932.3	325683.6	217576	12878.45	75880.18
1452484	837610	527553.4	346417	2235962	202863.1	2040196	2156985	1011589	606712.6
46313006	36516925	1516233	696585.9	6612005	21211966	1.13E+08	75692501	11165453	32191889
670881.8	458610.6	292854.9	241481.2	190210.3	351839	1309663	871845.2	104475.2	364363.9
5320199	4104980	360962.4	468510.7	3081727	10124614	4125976	10162441	265478.2	1944280
180992.1	145553.8	26610.52	9903.421	76649.6	899114.2	527925.9	150705.6	27399.68	70386.67
495508.6	590612.6	0	3798.657	257133.1	4013673	938269.9	371774.3	0	0
17987197	12454404	1593361	1282365	4753228	33594770	20738433	25838990	2239023	8495433
470152	335007.7	56236.26	24752.54	95462.56	506907.7	913858.5	520608.5	80675.71	447973.4
50555.44	30831.49	33790.79	15637.62	30169.44	60465.63	303477.4	86665.59	7008.711	67840.76
725302.7	568139.8	48592.68	0	113327.3	276102.5	1788465	1155971	182590.2	493937.8
80816.34	54677.66	16859.11	2679.675	39520.64	424469.1	206136.5	91088.86	5086.116	80893.88
327856.7	136532.2	120975.4	102192.1	217349.8	933694.6	968916.8	299605.3	117826.5	483267.3
457287	592886.6	18418.1	6662.669	96480.13	642144.2	527637.3	162585.5	38899.24	123490.3
184296	111922.4	40378.09	4726.189	38815.87	245202.3	323489.1	166147.8	13737.97	172403.6
595077.1	652010.5	13190.64	0	29668.36	551296	1161041	1364780	63362.12	249167.7
1326191	862748	18224.13	7821.244	56980.16	1643033	2686879	2241476	202294.3	951748.2
4278348	2784150	583207.1	525285.7	1127564	7374546	5534719	3654039	745546.1	2792921
2120582	1848360	44484.07	23583.78	223218.1	2216748	4239691	4026157	482628.9	1375897
4700841	4711727	2631939	2558504	41204004	1371042	3076006	11878406	25657.81	6793377
816546.5	492539.6	75029.24	9889.326	147907.5	1047346	1547499	818955.3	124259.8	611811
1083558	713195.6	500470.3	482306.1	638211.8	1096789	1464918	2219447	642379.3	461553.6
155918.7	113903.3	9846.334	5612.041	46905.84	55855.8	376024.7	132759.9	68254.8	242931.2
1633586	1094581	152701.9	77579.68	358670	2368734	2718380	1411146	249207.6	1030552
30253698	22778768	4285941	3767519	17900563	74601382	1.54E+08	61466098	2853508	14539170
365109	227723.8	121386.9	76089.84	60811.63	1302453	1343833	494245.4	47958.48	309896.8
1815570	1711655	181453.6	149281	243743.5	609319.6	4267972	4282717	663184.1	754913.7
210200.2	136982.9	80897.11	27106.12	140285.1	38642.5	441841.8	304870.5	0	249474
628333.4	471466.6	0	0	10317.68	306129.5	1593728	955220.5	87895.62	709540.1
296921.7	148849.6	38036.95	165455	235499.3	726345.4	952668.5	225015.4	158656.3	185713.1
239612.5	356197.2	140217.2	180586.2	42081.59	93022.67	191163.4	874821.2	97790.31	33930.89

14455857	12112287	4031040	2403222	8599479	10784518	24492674	32483751	4089274	6555339
747028.9	574752.1	495272.6	529298.4	541851.5	498091.1	778280.1	92495.54	1396580	1180790
509467.1	520215.1	334918.6	754813.4	2728934	375785.6	120500.1	1403311	518969.3	292108.2
844851.5	592966.8	183562.1	167508.7	269383.2	203325.3	1957901	1404948	17851.79	520790.5
212123.3	200430.9	2531.255	6331.606	6691.419	191356.3	445989.7	524674.2	11729.62	90115.67
4548533	2854541	580951.5	587345	1294998	6366262	7450314	4752183	678400.9	2816643
115029.7	87150.94	31858.45	29225.63	117445.7	453971.2	237316.3	161549	5019.344	64477.54
15765706	12894224	492676.9	239912.2	2182533	7154260	38351185	25305117	3763784	10990719
251351.6	104519.6	126227.3	116964	112494.7	216549	432784.6	300370.4	77934.38	230044.1
954881.3	842941.5	12328.1	6493.28	678801.2	63518.36	2177016	988856.4	65386.62	580720.5
2067492	1792808	123015.8	40731.77	214643.2	828773.5	5044562	3842148	494855.2	1343087
300722.1	215715.7	68130.3	42503.93	95829.22	1804275	678193.6	299539.1	30096.47	228402.2
179843.3	153274.7	5731.277	8731.598	13938.85	174316.8	372415.6	259544.4	13066.34	178300.4
113209.3	48523.06	123722.1	139291.8	123138.5	44288.1	34496.74	87603.45	72220.44	81111.51
705907.6	656204.8	30729.48	75144.56	208730.2	292773.6	1578266	1754719	163101.3	392562
473021.2	257976.3	14268.36	14078.95	111012.6	322030	1117612	667625	114269.1	291728.1
1108196	1076467	11417.16	7756.993	22644.7	223874.6	2862637	1948418	325340.1	711593.1
330105.6	225102.1	82826.72	84945.55	280735.3	1029091	939868.3	353319.7	93589.32	119608.8
1.61E+08	1.62E+08	2122567	502318.9	2692151	82476558	3.81E+08	4.08E+08	17067081	67851757
132370.6	94210.61	4981.81	7309.858	3018.77	247899.6	179510.3	249468.9	8755.678	88723.54
447566.2	418407.6	109711	135572.8	433518.7	1142682	1536466	543855.2	29333.68	138977.5
82583.71	70287.88	12287.61	10337.53	61831.49	418985	187421.6	61719.12	5641.399	35763.6
3819094	3240970	106200.2	66249.54	374805.8	2268126	8981812	8281996	178673.9	1326847
1193845	292028.3	841329.3	978472.1	1328170	1308252	2697432	1582520	880084.3	945115.3
257764.4	110044.8	52516.23	80271.39	102830.7	460411.7	290259.9	258080.4	76469.21	263046
8223606	6842292	970519.3	814330	23014720	6109655	34926209	8364503	3303195	867261.7
658563.5	443409.6	160829.5	52196.83	669739.3	411945.5	1105732	1105792	58245.91	328764.6
352452.1	125389	601002.8	862204	34893.84	510887.6	262264.1	315718.2	567107.8	349318.7
4260265	5228741	2245204	3317251	665044	3663856	3310568	13588839	1965609	1398910
172649.7	67361.57	171863.8	73914.58	211804	477483.1	174531.1	256507.8	97154.69	197546.3
2249897	1924863	17353.13	9268.497	38825	6278800	15508276	3467236	50633.1	1409210
1178607	888200.7	0	5656.61	307100.3	2438572	1152319	2276958	75085.37	482058
271724.1	180782.3	22370.57	14102.47	26035.61	64551.17	711444.2	357036.6	101754.7	123645.8
230566.8	182516.3	7646.515	15503.46	115685	1493428	503697.9	314293.7	0	74785
262993.1	102159.4	153678.9	210664.6	191216.5	330907.9	249493.8	305643.1	143612.4	166878.7
820365.7	596847.3	175056.2	61606.64	108337.1	212542	2032259	1548371	348569.5	1122627
17400856	12122175	1644870	1199279	4490926	33204692	19556941	25582546	2399302	8205988
409358.7	641593.6	3438.207	0	24791.02	1413464	2532016	229124.2	5418.922	80029.07
460831.8	304551.3	85643.64	16584.27	158103.3	748578.4	636262.5	587373.8	117464.2	200963.7
9302686	5348459	2622984	3174980	4844448	40999582	20915196	7516805	2197015	7613987
1841545	821991.9	246370.9	122389.9	442624.2	3243607	2661422	1796711	1103325	1097707
1.72E+08	1.27E+08	25288433	23473032	1.03E+08	4.17E+08	8.56E+08	3.45E+08	19283815	84651554
8944000	9427461	1929292	2046343	1834022	7073019	15584360	25407364	2443627	3157993
8734477	6136796	3106335	9861740	1020602	9676185	53700149	17986502	9277453	961319.1
1170603	772890.4	21120.89	2659.906	342476.4	1067942	2519055	1951586	493926.4	1203173
770825	584616.5	1394838	1631533	514440.3	723321	692746.1	1727769	778807.3	242457.5
382891.5	374239.9	3443.533	0	6424.021	385037.3	782231.7	521176.5	26672.88	388597.7

7172706	9527708	3623629	988999.3	8704121	2468338	5236415	10090875	48357.51	69987.58
3102142	1956282	222368.4	216711.1	762521.8	5455456	4272019	3852316	408061	1713332
1347124	1226984	19348.34	55805.92	389058.4	448346.1	3198399	1930730	0	36962.02
700171.8	493637	86937.41	103538.2	144120.3	1281543	827804.6	852235.2	62275.05	386111.3
3844779	3705175	114988.3	62575.6	44436.28	583109	10084987	10161955	2457177	3404999
598573.4	265624.6	58634.17	31773.58	39703.07	1540375	285679.1	943011.3	299911.6	442825
2324414	1787506	448580.1	385658.4	468556.1	3321357	3507494	3365731	521306.3	1688190
273830	219639.4	32848.29	35895.3	49107.32	96022.93	653482.7	396274.6	107856.5	102547.7
53738.36	52475.07	67278.48	8884.26	47438.23	229651.6	60795.22	62207.92	5230.043	6853.089
172201.1	105048.3	11678.39	20472.08	66695.3	73936.51	405279.3	233616.4	11521.66	136785.5
205160.4	173479.8	43896.95	36370.54	76991.42	109311.7	419066.5	173401.2	25958.39	82586.44
1016544	736556.5	279456.1	206814.5	970767.9	640321	1631029	699071.5	253754	563637.5
265063	291668.9	138938.3	216528.3	164574.8	185047.7	180032.2	281852.5	140882.9	85979.4
1324891	1497341	923915.1	378954.2	2200520	387955.3	251777.4	3990699	661251	500480.1
738907.1	680551.7	33387.03	16814.1	79503.05	152901.7	1884692	1335856	126814.3	524335.5
715439.2	339914.8	210130.1	139855.3	425553.7	559596.9	1374221	1032902	222211.1	509945.9
2691736	1573566	299101.8	224449.9	366878.2	465532.8	7120693	4741279	1415694	3027989
713113.5	596523.9	90312.5	100093.5	71960.63	635171.9	1454031	1449573	210405.1	549128.5
1021874	891403.9	0	20470.65	48204.8	89950.02	2770430	1581781	316992.4	849582.5
13606937	11810192	164957.7	98991.67	1212887	9805321	31187981	29221349	287377.6	8867328
3773880	2993564	55542.79	314512.5	2122155	7210538	3190573	7711180	424484.1	1285096
439802	348854	34200.64	72338.92	158983.7	745382.3	517057.1	992395.9	69128.42	259807.3
19864822	18530892	22379302	12868169	56895337	7055762	39699094	49063680	629258.2	25406916
133515.9	174704	97332.02	148466.3	222444.7	500412.5	55083.05	123075.9	10390.98	24722.19
1111495	633278.5	311265.7	174073	473511.7	2332720	705690.4	804978.8	683831.7	570766.5
1743007	1015461	745669	840838.2	1617423	6934578	2620474	2357625	388521.2	1030558
1220802	1263318	127986.4	21316.02	455201.6	2041753	1258514	2759569	192261	117070.3
733782.5	574796	45992.94	21235.28	134680	1266039	1014718	738618.9	124001.2	360901.1
2983479	2036852	818687	715063.6	2100032	3721897	3902329	1551551	580501.8	2658155
1764033	1037789	262841.9	125612.8	924341.4	3416579	1654845	2398000	370176.3	935846.7
1.03E+08	1.38E+08	78115.33	20981.09	81316.12	48619020	2.22E+08	3.25E+08	107255.2	11277436
689181.1	471781.1	0	2320.225	0	619019.4	1606196	898629	113398.1	400178.9
445353.6	242245.1	124869.4	156488.1	307615.7	2050779	834096.9	555683.9	98927.2	292414.4
1441473	538090.4	1005039	976771.1	1578639	3416865	1871136	1623069	851288.9	903516.5
7669701	6689552	945050.8	140080.7	1105350	1824766	19221655	17165036	2494112	5332754
162214.4	128695.2	0	0	0	194154.8	332008.1	369050.3	14632.64	123945
593595.9	403482	39280.62	18111.24	159613.2	1015577	842837.9	633368.7	65439.19	361470.4
603792.4	881022.6	316983.3	228450.7	17630.53	193978.4	885509.4	2072795	0	0
924284	993854.4	2290.427	21880.61	969926.4	405534.4	1515517	2558620	9457.226	287773.9
1105694	889891.5	2861.675	9295.583	34685.78	3091578	7257273	1708923	16905.39	750210.9
346713.5	321377.5	428280.3	551521.1	495789.4	554468.3	213601.2	240604.7	260935.8	104586.2
15256859	17876257	19415416	9938917	42425841	6986674	30553374	44058226	878608.3	19998747
612247	220848.1	300307.1	816645.7	676369.1	462040	365531.6	382789.5	755136.3	907464.4
58730.65	50855.97	33202.99	30506.89	39149.7	209714.5	114186.7	54885.89	0	20064.01
1489137	1013143	321756.1	162980.4	1124786	6549017	3508883	1212154	259892.2	912408.1
330736	353031.5	3370.858	6483.104	0	27358.88	871909.9	372938.8	49318.76	333533.8
2809438	3547938	706259.3	902053.7	921244.3	2653068	3377527	9099727	940913.1	804202.5

1587204	1165163	122383.1	185826.7	236817.6	5274774	7500165	1942148	243677.2	550309.3
3776781	683336.5	2240325	3455347	3281164	4840896	3423010	4040225	3246381	3356892
449738.5	280785.8	88877.03	38912.31	186234.4	397580.8	897507.6	574382.6	82648.14	219278.5
732401.1	497084.9	179644.9	79265.95	322712.9	3827196	1705676	669311	101947.3	430970.6
48246903	53670737	474673.6	690495.8	872532.7	46686844	95294268	70067176	17346.96	19580186
1478398	810148.6	1443312	840911.6	1346889	4327299	1723080	1020392	1797480	586428.8
16173968	10455592	4690409	2326124	8360296	12334754	31116935	16497628	3385662	10585390
559557.1	331995.7	79434.75	16702.99	71545.34	634620.2	1147602	626726.7	126970.8	329550.4
260428.8	178449.7	105450.3	83989.89	183962.6	857008.4	640570.4	374718.5	43018.52	162395.3
109548.8	74717.05	110245.8	102600.6	32553.49	264005.7	206221.5	136271.3	36155.62	61088.71
17871420	26177195	18520.44	12403.52	2087930	2197040	40117254	62646702	56050.09	4482315
108007.2	89250.39	20966.08	28499.41	52301.27	71438.93	202448.1	110779.3	22846.56	87243.47
77556.79	31873.38	68340.02	104170.5	59222.3	223399.6	46494.48	59346.32	41281.58	68747.96
5584708	4807653	137303.7	67637.75	699853.6	2108268	14016440	9262976	1105959	3759096
822904.1	678944.4	149275.2	251653	200229.4	471923	1706246	1220822	60648.35	104749.2
9856934	7683217	3389310	1603736	9271942	59485784	12292774	14792932	908824.3	4911325
174428.5	198936.1	19715.97	17611.11	18401.82	315760	160791.3	246641.1	0	30412.38
2405458	2095601	58941.69	52522.55	77098.02	3907229	3770033	4819595	247314	1272563
1021702	503502.8	701234.2	2848792	1783609	843615.9	506808	585388	696168.9	1854580
498177.3	259712.6	97634.82	123580.8	129357.8	309236.9	1112580	655451.6	75248.38	438599.3
3841603	4297734	187455.7	183268.4	1477608	2069959	44413535	11167834	0	2487739
349792	291830.5	209373.4	138193.8	248808.4	1959767	385570.8	583379.2	80508.67	65518.44
1682746	1141643	119881.3	92455.12	356503.4	2619659	2717641	1283205	259973.9	1180219
157277.2	248275.6	13015.5	6603.472	30268.6	218432.5	135122.3	56196.6	36077.35	15914.51
184199.6	174239.6	47009.45	5716.677	137824.3	219776.6	224950.3	469748.8	199113.5	161158.1
152788.2	83835.12	2667.531	6692.624	75732.25	268462.8	203684.7	213189.6	29609.76	100972.8
1041637	686036.1	287806.4	147198.4	959487.2	594427.2	1856536	993837.6	212197.5	544202
851208.8	781490.9	310254.9	128998.9	1077004	1405357	3604412	2171835	427728.6	859812.3
418238.9	308652.1	114226.2	127748.7	164473.7	537384.2	597273.1	459988.2	95225.8	120498.4
128722.8	56670.43	0	0	9358.83	0	377853.7	189603.7	171077.2	119205.2
20145292	17958933	4498562	1697693	1444212	3115507	50576312	50458027	9863120	15055896
333273.3	171971	95111.35	152824.7	301651.3	405658.9	397662.1	554933.8	177683.9	371762.4
858550.6	641381.2	19463.14	9402.029	35414.68	1350214	1476449	1442137	45185.6	533831.8
1445153	802813.5	159846	134156	599192.8	445220.5	3537843	1960997	548166.9	595481.7
1732195	1456626	128623.3	62212.99	117432.1	151689.8	4672986	3914059	828234.4	2168526
6691468	9789212	3583.546	71166.07	21236.07	799743.4	15680295	429996.9	199355.3	10170396
419853.1	194238.6	190545.9	218529.4	329220.5	459064.4	552898.6	602050.9	174433.5	258501.4
4220048	2853351	966706.8	801516.6	3949274	1819363	7825342	3778183	1174013	2006794
1024256	1469098	14556.87	0	352202.3	1125903	1342345	957450.3	0	108240.7
2087133	1709595	474760.9	447981.2	766075.5	3762949	1874662	4963918	1077299	795808.8
621896.6	400578.6	86515.13	172493.6	311538.6	1072090	667135.6	1282303	237801.3	384293.7
165126.5	165610.1	9276.599	0	56218.05	227598.9	245154.7	208102.9	0	53583.97
1967373	1071506	1552044	3098812	1043599	4789712	1939975	3275277	809924.6	933572.4
1376702	755806	278869.5	135983.3	638570.5	1986490	2135081	1574246	357579.1	931009.5
169584.1	107767.3	191533.7	208103.1	69556.53	269613.6	306239	162213.1	115122.6	38914.64
190198.4	163005.2	0	7918.935	3742.722	39941.79	511362.7	339726.2	11176.27	117811.9
14855085	8820192	1839780	1806636	4180996	20098707	26092627	14615842	2406933	10842147

2971665	3040081	1059900	558472.3	1310522	1498251	5359572	7884732	92593.87	854305
323035.4	463328.2	0	0	4525.817	12141.21	785840.4	1137496	105993.3	259355.1
302035.2	244629.7	153837.3	219157.4	187862.7	213267.7	366249.4	646283.7	56995.6	143752.5
264647.9	189405.2	0	0	5158.91	109119.2	703456.8	431502.4	36876.18	435023
245242.3	249422	96045.45	58404.51	164244.5	144354.7	370186	499355.1	48899.22	134722.7
3990669	2243741	1092441	704067.5	1444278	8727156	2350351	3185915	2598924	1671005
4355405	1010381	3049835	4237010	3668779	5265849	3732923	3109802	3590865	5612105
386149.9	332396.5	106410.1	138871.5	174335.7	522161.9	448478.5	387395.3	71727.2	139929.1
122407.6	140663.3	0	2657.496	18598.84	237154	110766.4	78467.52	14977.86	59370.99
3058807	1456479	6109419	6947044	5847364	661555	616221.2	4991011	1899918	2374154
3961391	2891366	332404.1	201100.9	812162	7301108	5102867	5425865	624728.7	1333061
2092557	1516880	425677	229092.7	1246544	11321385	4252599	2135254	256245.5	976344.9
6611453	4767890	1310075	2397932	3389094	10157321	7380397	14546392	2567201	4105239
1195672	860387.3	373562.8	290058.4	433370.9	270251.8	2709410	2119157	296394.4	565582.1
273385.2	243773.1	164178.6	107478.2	295313.6	285712.2	1276864	137481.3	136581	703331.8
2780454	2297786	1083747	2508004	1866150	1358668	3540653	811091.6	1355805	4263868
317845.1	155248.8	175424.1	185976.4	106100.5	527603.5	279922.7	432955.8	163071.9	197965
8443489	5662424	950625.1	684710.4	2236581	16323932	9657581	12767618	1351265	4003689
4141548	2780436	291345.1	100222.9	846180.3	6401941	6918574	3549784	572370.8	2860125
101462.7	89144.14	19855.88	5572.248	104221.6	451328.1	213954.9	136869.5	0	29848.68
6203637	3428071	390647.1	457305.1	872693.2	2500129	16092343	10314823	3226234	5889464
5208646	5252475	1236122	1164254	3999239	29462795	8571709	11975666	669132	2966968
54372.98	40687.81	4310.997	0	21137.49	206249.1	203787.5	70354.68	0	23188.99
1501583	1456019	11051.43	0	34171.57	1113914	3460023	2336396	319029.1	1106245
416810.2	224683.7	67774.17	100685.1	79255.29	980248.5	225743.6	704569.1	181210.2	252033
656366.8	471750.3	27615.51	11552.32	159040.4	458121.7	1526773	1431335	154930.3	572111.2
950623.8	768718.2	12134.16	13282.63	10303.92	1416787	1708425	2023769	76437.3	566636.4
2108322	1839940	2366981	1166935	5935902	779914.8	4225420	4852230	178925.5	3003177
562002.8	318328.5	179962	118254.7	308400.9	2388027	1277857	850636.7	157206.1	340896.3
18653546	11517272	4461445	5346598	9155166	18842365	32638694	33582196	4374985	10842635
720732.7	717794.9	24929.42	18073.65	59956.76	769763.4	1416162	1125432	152993.3	524959.4
64176.54	44416.89	103451.7	42725.72	173575.4	112954.4	0	71068.86	25685.3	38486.56
99018.63	73631.93	32901.81	14264.57	101958.6	511289.6	140471.5	165363.4	0	43827
494750.1	292812.2	110211.1	156239.2	128226.2	876687.8	578300.3	632864.1	105331.3	319986.3
4467775	4141088	5518.244	16895.92	46733.51	4562753	9531242	7646144	995708.8	3206448
2301785	2016056	22301.12	6189.909	89684.47	550388.6	6175437	4651755	713111.8	2031173
1800920	1687223	1390836	1635231	2021629	688130.8	739115.7	0	0	3526315
874324.7	564003.6	112996.5	170181.1	1055881	2789016	2076860	995842.1	69987.79	574545.9
1606562	1063329	11260.16	2732.294	551267.1	1521965	3455345	2633984	768556.5	1812855
670852.3	721998.3	2730.884	0	4384.759	169689.2	1733336	1505045	113645.3	314987.9
457539.7	151818.6	364285.3	63077.33	379578.4	610051.5	515340.1	599083.4	246108.5	527538.9
77575.96	66329.66	8860.188	3320.377	32904.47	438919.8	183044.5	87521.35	0	23193.76
2252655	1486419	341419.2	801836.6	4795448	3002606	6519169	4105911	0	2467204
1518599	1303563	21306.97	14038.47	132445.8	971232.3	3652223	3419754	366070.9	940742.1
1573220	1383532	244712.8	315959.3	174115.3	820813.1	3559319	3154809	407274	1478853
253156.6	137589.8	17256.81	20880.28	12446.74	215827.4	598180.2	298554.7	62079.85	179363
673420.1	493423.9	53617.11	13180.13	150589.2	1113501	1021356	542217.3	58580.76	413281.7

1090122	1043831	20805.46	24772.31	25421.05	1248073	2165203	1561998	92870.3	867883.4
3303359	2302736	68710.97	36794.28	992824.4	3166107	7071668	5676289	1435074	3464452
113895.9	97740.96	30106.69	24413.84	57841.02	567294.1	243342.3	64732.85	5987.243	77889.04
279437.1	232761.7	11985.16	3107.055	6242.861	26248.5	777277.6	589208.4	93476.85	177463.1
11136856	12436271	6669651	7894958	2073237	10061884	10681516	33307317	5107970	4392006
5157673	4382168	169775.7	276138.3	1847101	5624032	9644904	5520820	290428.2	1177306
386813.7	263866.8	252137.6	391989	710292.6	57505.54	1283264	782577.1	231197.3	154152.4
239565.1	187423.2	34979.72	51568.24	162472	1241838	466252.7	418624.3	23674.91	61528.36
244135.5	182323.4	45229.7	55014.95	109007.9	511600.8	134372.9	302207.6	0	108761.1
4001917	3535415	507799.5	246209.6	4089742	8624393	17902086	9405011	153456.3	1630949
349448.8	353487.1	142712.9	73114.56	281186.7	846665.2	1264630	976497.7	196777.5	126486.8
1149150	781828.8	112230.6	89214.65	297760	1912335	1694490	1345522	111045.4	610593.2
1784667	1856473	128569.4	64893.66	192411.8	282856.6	4553032	4833159	402002.5	1904661
5061855	6081370	2873245	3478970	856139.5	4639464	4576993	15902586	2132066	1664229
4025990	5700690	4688415	867068.3	1032474	3658711	1481373	14047598	715367.8	659175.8
36950385	25776349	2390364	2974295	78638322	43353807	1.52E+08	39886586	3901443	19886104
983576.3	640455.4	144756.7	128749.5	571018.5	1145326	1663918	1086827	188575.5	518211.1
13736727	9273128	3175050	1888243	8279093	24800217	12640794	10271037	2542558	9555653
700832.2	328542.2	632096.1	496899.4	2355270	457659.3	770174.1	1254325	511801.9	581360.1
1803927	1061665	60976.62	82837.43	267717.1	2850675	3147531	2496570	347171.2	1026070
467580.1	437804.3	6525.684	10167	50665.22	40682.01	1263395	719252.5	123034.5	343969.9
1655279	1560631	2791.377	0	102446.9	177787.5	4526005	2515130	424453.9	1363612
273625	205435.5	142218.1	134101.6	291630.6	688595.1	553263.3	176725.8	50767.53	158438.1
664998	586123	544677.3	592699.2	392005.2	284278.6	657052.3	1360186	30769.83	246955.9
5337769	5245561	11343.94	6196.3	97314.09	7830595	9165916	12005008	627037.6	2477242
5328334	6248416	74925.71	126435.9	572824.2	6514881	9014870	4672984	55907.28	783570.7
225250.3	192633.6	50643.8	30065.24	30230.96	325523.5	344898.3	139417.9	31119.42	108879.2
1593567	1080038	118170.2	30034.37	530502.1	3445927	1408242	1720899	127683.6	995875.8
314588	145669.1	210750.2	157966.3	297636.6	941925.9	447829.6	245163.9	277512.9	297073.5
171703.4	135446.9	48464.25	66111.74	138989.5	229952.1	914632.9	325306.1	41006.41	106249.4
281303.9	126330.9	187761.7	286775	229348.8	994676.4	218781.3	470526.6	163407.7	169100
566894.5	347972.9	71171.08	121472.1	299080.7	202649.9	1295875	836887	121240.3	263517.7
1997269	1804340	483993.8	143330.2	230792.8	435724.1	4949882	5032270	1136073	1388715
662651.9	624343.8	7708.843	11282.55	103929.9	1061507	1001217	1674516	70101.2	349249.9
306489.1	316858.6	138463.7	76429.85	164704.4	1381026	646321.9	141101.8	36879	100154.5
398168.5	335052.6	0	2199.225	4824.332	587549.2	726328.7	895775.7	49732.48	201198.1
559073.4	427172	154810.9	116358.8	168561.5	198708.3	1268943	842409.9	26025.97	364774.6
398233	541095.9	0	0	3112.034	444410.7	684813.5	419908.7	31550.35	179715.6
204785.1	99763.8	30667.84	39135.09	277145.9	785273.8	341319.3	264986.7	111023.9	81895.9
3579385	4291842	880533.7	479808.4	846981.8	2143145	6704940	10613341	38113.13	990159.1
503814.6	136479.5	310166.3	540158.1	456200.1	511777.6	479004.2	340887.7	444760.3	441113.6
573151.4	435942.2	32634.06	10123.56	89171.86	1144800	687835.1	843721.8	35951.35	193913
436417	424536.5	137890.6	132413.4	99194.11	1277419	1746148	290523.8	175150.2	108443.6
269260.7	190697.6	173497.1	921897.2	576208.3	116532	113395.8	115612.6	150268	581202.9
6032303	3551758	1599978	801179.5	2947694	4591340	12330874	6624140	1266723	4122076
1913083	2117157	374234.5	140792.2	303384.3	619835.4	4375807	5652102	1030780	413205.6
9078234	11202623	11561.4	33001.14	105594.9	2593631	22549378	26114466	324025	1299732

2610704	1798813	187201.4	96642.7	627935.1	5315680	2924527	3731685	351976.9	1046444
805842.9	768502.8	118700.3	111531.6	123570.8	221102.2	1951842	1367219	137664.1	372776.6
3739768	2418776	391098.7	367770.8	493518	3385784	8349231	6591795	1068920	1516809
565077.9	554360.6	11934.41	6411.756	52870.92	152764.1	1467697	1001065	95554.65	360584.2
2401213	1684511	464574.4	256654.2	883906.8	1389077	5371516	2937321	398102.9	1420118
962343.4	805061	1057144	954112.2	3628239	552240.6	667020.5	2160073	3936.938	626318
3769730	3979924	264245.9	98276.14	1058987	1398185	42940511	9775957	39854.98	1465152
157517.2	174040.2	2638.904	2863.459	14492.09	40852.71	397919	358028.5	13227.36	70572.87
150747.9	216362.7	17719.16	79156.08	644084.6	113426.6	353016.9	531628.1	0	68034.95
10785467	7338707	5823326	2747949	20577330	11342904	32686114	20462097	110943.6	10839569
813695.5	543371.4	277119.7	251698.9	621407.3	2948514	1724851	810774.2	155057.6	445982
6751391	8683145	1746601	2189225	2101388	6482632	8532311	22168560	2211064	1974968
204269.4	174512	0	3148.821	7357.857	738221.1	963907.2	305402.4	0	101550.6
167334.6	154045.5	24829.94	28669.6	67196.36	87365.94	352152.8	64531.97	7483.755	176767
1591330	1397910	27120.75	14670.46	125769.3	1353314	3627522	2581769	233142.2	833374.8
191051.6	152488.7	49700.75	61925.21	73139.22	1123105	314968.6	304147.2	30523.43	68461.51
1328726	1304551	2627.899	3051.29	32786.56	930903.8	3149678	2061718	227601.3	1030621
592489.6	449751.8	40107.09	51512.58	358118.1	1342792	3015181	1038556	18013.38	272766.7
312755.7	279501.7	2842.98	2980.647	76239.21	505289.2	470223.4	712251.7	34068.97	70290.81
455957.5	161310.7	210461.5	398149	375654.7	590212.2	423005.2	496420.1	216213.4	416918.1
1943250	2154193	1448798	1328607	868500	1537204	1506305	5738919	1240247	436459.6
753145.8	796916.8	395956.4	485638.8	481432	2766593	1365716	561169.4	224457	49673.73
4231917	2975234	281602.2	232669	1061596	7679753	5771493	6022002	300684.1	1847585
651385.2	579624.5	113877.9	120044.4	101132.6	1834971	3127156	767611.8	34602.49	536462.6
1120025	719914.1	2119.018	5234.134	34337.26	1087896	2638211	1575068	158506.7	696629
1067196	389062.8	446159.3	628330.7	789675.2	1343544	1363073	1088622	572525.5	791550.2
18679253	25443082	7778206	3739159	10434340	71485058	53695231	46174214	38100.75	135145.3
278453.9	217963.3	76595.42	63207.81	138536.9	149525	562304.7	414508.2	247618	109342.2
1567994	913580.3	626562.5	864246.8	902170.5	1979248	1960955	1027106	988013.1	1195920
1426454	958888.8	311221	173735.8	980938.8	6993286	2803632	1063943	328465.3	880587.8
8045282	7117339	76676.81	78126.78	132227.6	21344507	50668269	12527747	120725.6	4789807
826335.6	753021.5	697089.8	668134.6	689740.6	569461.2	451017.8	504423	1675419	1592496
4204745	4984798	10328.34	0	33883.99	7364790	5402296	7765098	58980.98	705742.8
83000.13	53753.59	33218.59	46564.26	43425.75	90615.41	114957.9	57636.94	22489.84	56703.92
772924	683587.8	0	0	0	1355393	1203790	1337608	53665.32	444167.7
39090797	37384363	47819674	32499280	1.27E+08	8927449	56666006	95400459	2911635	57870459
368256	458600.8	323442.2	359841.8	317259.5	123878.5	61362.65	73486.69	1065766	608776.9
3636202	2780259	751761.2	223016.7	1383740	6095381	4662327	8219478	1714593	1265986
850012.1	490345.8	134764.3	95003	493932	2951074	2605411	1112781	216973.5	470434.6
461154	247639.8	239819	31704.3	277898.4	266591.7	929084.2	505426.9	82442.33	368488.5
961498.4	644442.7	145374	109632.9	552672.6	1123188	1648422	1053047	166756.1	507220.1
193898.5	114284.6	160587.9	227033.2	136919.2	91791.73	183859.7	100281	92256.05	143295.5
45331.02	15100.35	54071.29	52178.99	44547.89	43802.49	53782.7	32350.15	44046.43	49031.01
91827.5	92394.02	40951.87	34543.02	82450.01	202955.3	291407.9	221261	0	46088.11
2673630	1916749	204757.3	25066.82	172255	1007862	7140597	5741110	1159833	1719453
3703043	2693662	1064207	436580.9	2086764	2458715	7381548	8366751	1819806	1944266
204044.1	144707.6	23518.47	11156.63	90485.52	847434.3	605988.1	178647.9	10508.71	138982.8

754949.7	1236742	106949.8	98817.72	223577.3	1267836	280596.9	289601.8	89353.03	164197.9
9444841	10888599	591620.1	320226.2	442734.2	4930620	21991626	13520664	73183.21	26584961
208349.2	147631.1	23467.13	36060.49	278364.4	755088.6	398663.6	257785.2	12038.55	96831.96
5171961	3600557	457466	353105.9	1399452	10250610	5958791	7598760	754288.8	2360599
10773997	13162795	761786.5	439615.8	7402654	147372.1	23313295	26778767	15291.21	2356631
9906257	3770110	4140202	13864641	11096320	7842471	5302944	5807945	10840291	15849028
183416	175564.9	59074.17	37137.14	165287.6	745065.7	365526.8	211675.3	4944.937	87023.6
164844.7	123936.9	81234.93	556804	265336.1	105498.6	125398.7	107137.2	62021.45	378100.7
418001.8	196919.6	19066.4	3819.733	33253.51	192319.6	1135672	421900.1	214704.4	520738.8
144044.6	98749.28	63574.66	71420.11	91280.62	544308.9	254441	247732.5	25780.97	85448.74
395458.5	242850.1	271057.9	254668.9	124909.5	1328105	737360.2	744179.3	98538.44	248536.6
625208.7	397793.5	93383.42	13642.94	117596.7	1377878	601598.9	1058293	100128.8	324477.9
337695	239951.4	50627.17	42938.6	152579.4	381489	610324	488909.6	47151	109012.2
359724.8	245486	112733.5	118685.9	212578.1	356597	583068.7	301860.3	50943.63	235085.8
422471	329961.6	3247.133	2396.5	32163.68	400387.3	970471.8	849268.4	171916.1	340104.7
13025411	8866008	1274653	1121444	3512180	25701883	15117036	19832095	1772054	6223065
187710.6	229260.3	46581.28	204415.5	158510.7	148560.6	56783.49	107555.3	24907.36	175180.3
1839189	1220459	510546.5	270929.4	913516.1	1253760	3789899	1725290	364369.7	1251998
3092001	1613624	677075.9	606836.2	1080480	6992021	1935881	2396821	2005118	1581935
253078.4	233889	14496.28	10950.14	25632.12	664118	65750.89	320715.3	33070.14	613906.4
778434.4	716823.4	22070.58	6626.451	39243.49	365249.7	1992309	1487664	129440.4	518311.5
440687.2	406265.1	41266.34	35588.7	64133.97	2364680	1189650	465338	8735.104	84336.68
6663853	3865738	90953.65	139009.9	379728.8	8062408	14605772	9309637	1108285	4787689
1220522	1003059	168636.7	112857.5	428949.7	7330778	2427177	2639896	70873.1	502089.1
793000.7	954909.1	337270.9	1282751	287744.9	355115.4	302795	853692.2	62561.01	528636.7
578218.5	725575.9	2266.748	0	19588.48	232205.1	1397558	1835783	20476.98	303815.4
839197.1	577134.7	64884.53	39470.67	170790.1	1666372	1035799	1241900	100972.7	366392.9
776081	544426.9	2839.343	8654.084	44148.66	2765553	3496714	1004087	59530.44	698463.9
1110382	786574.2	110653.5	78827.36	97460.63	1598142	2041395	934862.3	141770.8	820568.9
1169661	1479333	12312.67	16954.44	19641.47	1721181	1761885	1756582	194901.6	235464.2
1904218	814551.6	1857327	2373365	2193294	838908.4	813035.1	2386180	1028773	1003125
1294557	2004027	0	0	0	418664.6	2922671	4671590	18332.57	0
3039858	2456472	738438.8	1513311	2788997	11754846	5126662	2850128	399717.3	1309656
2980031	3493290	9558.218	8647.221	348728.6	3687008	5240514	2819664	59552.33	377813.3
205504.5	147704.5	42884.8	9302.057	98879.64	128186.9	448078.4	136557.5	31508.48	154320.8
1935291	1599642	252949	233954.3	220673.2	1029896	4664509	3921639	500632.5	1822579
2812188	3424516	0	6475.692	16733.9	181846.5	7577738	7845222	77040.44	1094576
781033.2	469986.3	101702.7	124188.3	84980.81	1328890	1220609	911049.5	113570.1	819024.6
348850.6	75354.78	196580.9	317213.6	335579.5	364323.2	391533.2	388582.1	248426.2	316548
603525.9	652115.7	239095.4	593335.3	2344568	198426.3	1085333	1712025	21690.4	449872.9
207325.7	304334	0	0	8933.812	1178258	661398.2	158679.6	0	0
282907.6	171541.1	63211.31	36428.31	92926.86	1449196	622704	334030.3	75917.09	139312.8
2.84E+08	2.49E+08	15772579	8461199	1.46E+08	53259999	6.98E+08	3.21E+08	20620909	47478997
243279.4	141073.2	104904.6	214403.8	291643.8	204258.5	194221	355250.8	107835.7	120570.9
9958950	5792587	2860980	2517825	7118707	3702636	20917884	14503426	2342413	7715123
3492595	2219293	1104136	1708526	3069250	11708240	6360157	4194794	638348.4	1724910
1940649	1646360	49197.07	5752.155	246992.3	800077.8	5050649	3318411	457541.2	1244503

169481.5	79964.41	46157.87	116695.6	182889.7	399228	321187.1	173247.2	45953.41	149597.4
3966730	2696849	309679.9	250610	1020047	7886076	4734562	5589601	465450.5	1929317
297762.8	99424.32	204624.3	295534.7	267804.6	577079	372546.5	312312.9	213898	185824.2
1397459	969829	267606.4	142449.7	1067535	5710688	3205663	2408118	102207.4	755148.5
1804336	1490859	114601.1	51240.33	254672.7	714549.8	4661880	3385742	493889	1204195
1442762	1123205	187988.5	45300.82	1183905	1841601	2062349	1407319	277044.1	642363.3
2472992	1712165	464352.2	244117.7	1408635	12185418	5160214	2972168	282429.9	1153690
568474.6	439556.7	134667.8	203807	99608.01	1332617	177736.9	635169.1	138751.7	282004.3
639585.7	463719.7	38763.93	67493.74	385700.9	1433715	3122955	1112105	42095.3	282876.1
247152.1	201027.7	0	0	4982.006	321006.1	507581.1	478963.6	34256.58	171664.7
3586005	5269881	184778	471924.3	5188918	954956.1	3567215	12337600	22578.78	4777611
138049.8	159763.6	11704.74	3189.652	100169.7	686721	321081.5	82140.67	5596.538	23064.13
549814.5	500576.2	11120.76	3619.667	211261.8	2532765	1648860	1288587	10506.87	165724
1.12E+08	81013936	4058660	1966200	22843723	1.08E+08	2.5E+08	2.05E+08	32219486	92683890
647188.3	232417.7	438162.3	1355146	757810	631938.5	604146	948911.4	422283.4	576417.2
212077.4	98648.22	81527.1	80438.57	131430.7	323032.7	253319.2	265456.9	72543.41	166612.7
302263.5	164220.5	80630.32	460745.9	354564.9	234423.4	75658.84	140128.9	341772.2	563044.4
392369.3	289398.2	59281.86	74502.65	83886.51	1314103	1458978	742157.5	43120.36	312974.5
395821.7	293731.5	54030.49	104557	272953.1	1514978	953894.7	542328.3	37235.7	192359.6
3205749	2539796	792514.1	1358972	2623273	13155012	5554318	3449272	342441.5	1325490
330941.3	427789.9	4717.952	7885.119	0	459147.9	524444.3	744531.4	0	37709.61
414614.2	362227.8	60770.58	31546.05	193622.5	482145	703395.1	409582.3	36308.59	154087.3
259125.1	247171.5	2609.631	3218.235	19531.14	32058.75	719118.4	382627.8	52825.6	210878.1
341222.5	244077.6	23288.27	29597.38	97679.71	641885.9	434618.7	417378.8	33362.74	138754.8
227584.2	201790.1	3135.179	3999.854	22547.42	232114.1	495212.2	301598.3	0	39641.69
571161.9	302907.8	87119.28	101016	122692.8	1016452	821677.7	686063.2	135553	384714.1
200603.8	135081.6	88129.77	279560.1	217403	413120.1	235826.5	184458.6	64774.93	87551.82
646769.3	532786.5	65382.08	7217.049	114726.8	761575.3	1287148	588070.6	69764.33	332376.1
119481.9	79874.71	13568.71	21022.44	62300.28	173781.1	179653.3	188192.7	3499.035	78956.09
250739	194595.5	80220.73	123327.9	130106.4	433618.2	174964.2	214705.4	52216.86	203684.2
249651.3	150097.5	88125.82	76670.34	121659.4	823304.5	647758.8	192378.2	59289.53	226464
1048229	922768.2	8312.904	5499.93	37001.37	249689.5	2906679	2096770	242746.1	1014725
371642.9	337501	2848.63	4412.551	52651.84	351766.7	818181.2	761201.2	61026.2	263750.3
1845284	1632878	44826.41	7222.04	222995.5	691498.8	4844885	3143200	365896.9	1237650
276962.3	489954.2	2511.431	9578.483	42871.1	411644.1	229288.7	98108.72	5592.858	77059.49
59630.75	49583.38	2251.373	0	68588.05	232731.9	139207.5	89011.56	5173.974	5915.396
8722337	6082110	737307.9	461277.3	1996155	16692088	11387631	12396170	1395738	3305178
3219344	2301769	40677.59	13140.7	141427.2	2991597	7672389	4117451	467557.1	1951311
407563.7	266760.2	149837.6	184606.4	311700.1	1665368	627009.6	602187.1	33749.66	244636.5
4360652	695559.4	2725488	4118375	3154135	6075389	3814295	4384049	3676008	4029435
558039.1	355036.9	165620.2	108426.2	498768	2230108	1030793	590623.1	151682.3	243807
3875121	3234013	446567.5	485841.5	1597890	7187909	4080219	8537605	340425.8	1484953
517629.6	170316.3	445222.5	618659.8	558310.8	254055.8	427706	795483.5	358886.6	405379.9
1126887	730485.5	139871.6	983789	271150.3	1517867	1464867	1769911	154505.9	595127.3
1317364	2239391	294308.2	176515.7	395791.6	2318670	220718	595867.4	162562.2	189961.6
139894.1	111930.7	2967.193	0	3458.053	39967.25	389665.1	276008.9	0	53610.99
293383.6	289458.2	8123.933	2391.515	79943.28	809347.7	1529536	463659.1	60878.3	127431.6

1189656	625291.5	201103	341754.5	1945071	531944.4	1622656	1981175	649513.3	651107.1
14658776	8970165	3184634	1982674	9983311	66329188	29367591	12198632	3156942	10470037
4657480	6582754	9957.752	8346.598	43733.04	197438.6	12091037	16182762	780385.5	3580194
4086243	5053635	335186.8	503889	11985029	3401733	15199583	12865350	29934.25	2158724
254255.8	265561.6	2898.085	2771.931	0	359741.4	458071.7	655883	0	134435.6
7072535	10055300	401525.6	403271.9	350354.7	6178359	13073928	1439194	47796.58	9350519
58005.28	28828.37	7541.309	32672.7	21643.12	95324.62	72762.88	92023.24	29047.09	26742.66
209799.5	265616.9	3712.306	0	253356.2	343264.1	1152842	675653	13470.05	158172.1
523721	331412.3	95178.98	48308.52	70871.94	1100486	574726.7	901899.4	110675.2	296767.5
230752.5	230985.2	107852.1	27277.5	193282.5	142024.8	345785.4	433158.2	27550.33	152361
1961154	489549	1254806	2132611	1627962	1636212	2320438	2585052	1335362	1668734
25459769	2969352	5618254	4071064	12383816	51841312	26685611	22294868	29928313	26456213
11907448	24253670	866109.9	1886489	14905500	6239623	2671461	55240953	0	3080365
144010.7	72486.56	26227.59	14615.79	63967.22	191551.8	256634.8	219156.6	25418.49	142250.9
274429.8	198381	24605.46	56882.56	198584.6	312289.8	441538.1	315851.5	37226.11	148169
6790317	6178704	2943018	3686712	3582770	10469164	4301277	2978333	677984.4	8694236
1524035	2382388	0	0	0	838547.9	3219447	5614703	13028.5	0
345296.9	259268.2	11220.68	11655.64	14714.66	359792.1	781223.8	504426.4	35101.12	224030.2
697141.1	359060.1	436291.8	523399	985310.8	790354.2	126539.9	965236.1	66260.52	784958.4
11575491	11653826	258696.1	98419.28	10225148	2782980	24587724	7353378	462708.2	2794611
1955288	1775131	82567.53	23320.63	755498.1	8934867	5711230	4552353	41498.95	566755.1
1052405	404050.5	146158.8	49238.89	281471.9	1720711	1803085	1480071	683965.3	1129157
1018742	828268.3	124546.6	48188.52	287746	565244.3	2420106	1604368	209429.4	719067.5
61865821	1.28E+08	27216288	16099915	90057191	351921.6	263754.5	105025.1	18537734	115320.7
603685.9	414593.8	86832.08	173694.8	301553.3	1069211	648085.2	1290850	204356.9	373214.8
4284980	2947379	395768.6	253241.4	1136518	8568441	5077523	6402147	586470	1951659
130893.6	123851.6	0	0	5401.314	131111.8	290856.1	284568	0	207454.1
1000096	1281608	536686.7	685403.7	140531	830491.4	1060854	3290063	428873.8	350256.2
2332187	1703156	1146149	310211.2	1441399	406344.9	5052264	3253068	0	3196956
822799.7	608243.8	179932.7	108862.1	1289837	3529684	975441.1	712713.2	151441.5	582184
6430958	4170881	535385.2	365203.8	1616067	12593142	8239610	8288147	936873.5	3111067
2103525	4205830	0	0	13313.51	135605.3	4368232	9616332	0	0
175465.2	127471.1	4304.397	0	0	7783.025	523345.7	236428.6	0	96893.74
7210252	4636168	1274306	636550.1	3001780	7059272	14635095	8611951	1246839	4877386
865706.1	1058878	9252.726	5283.758	0	678017.1	1918046	1472668	0	164705.8
107442	81255.13	20339.48	17548.24	46681.98	160716.2	154018.2	134723.7	4641.412	42317.54
120148.2	81776.85	37353.96	53195.92	55676.5	102021.2	213822.1	106814.1	3553.388	112456.4
365544.8	749552.9	21322.49	2986223	609588.9	82637.24	27545.31	0	58802.35	1705800
1430343	1985670	316027.3	348134.1	1375345	663426.3	1726242	680808.3	535040.6	435996.5
215665.7	136520.8	117835.1	110564.5	106013.8	697985.8	430232.8	211516.5	44269.87	127340.2
225204.1	212570.3	17269.45	6386.258	389221.1	190013.6	1241882	530761.5	36932.44	271113.1
4966779	3515900	433468.4	280142.2	1203631	10200606	5640683	7225389	617835.4	2252596
8893611	11067229	4880531	1335780	9436564	1364149	11869080	25070711	122719.2	15833877
711715.7	597330.2	38431.96	212078.3	193743.8	1117345	1003193	803379	123937.8	372549.8
44571015	72027087	19785598	1602192	22991549	73703242	4119056	46567697	553229.1	5963752
713537.8	430980	190075.7	245779.6	374502.6	2580525	1668367	1033057	78455.8	473450.3
184913.4	188270.6	13165.93	9923.428	206147.3	984095.9	282540.1	95254.65	16447.53	78564.44

816845	702929.4	5067.785	13328.48	58405.52	251656.6	2234182	1447894	65264.24	1078430
1243561	345640.8	613683.5	906624.3	1394084	1398608	1284508	1441410	866411	1739795
227842.3	148039.6	49386.74	21239.34	121504.3	137130.8	500764.6	398091.8	88719.45	64064.52
728009.3	635707.4	0	8387.931	0	871592.7	1556623	1083486	52350.8	311694.6
452021.7	328698.7	365509.9	44068.62	513270.6	260913.1	577622.3	199795.6	311571.8	444083
691862.5	628913.2	121936.1	355787.4	611993.2	2685229	1222642	596309.5	45580.38	238354.6
856894.5	982933.7	59339.86	14864.81	415034.8	1349366	984111	800065	219352.4	211694.3
13096613	9890049	2637084	1373837	5832788	14840883	23550580	14972042	2070887	6473507
6148831	4131282	586056.6	6677576	3997042	21850548	9343167	6022445	50838.29	4745004
140661.8	126543.1	13609.11	2605.206	68917.27	721133.6	324262.3	98339.5	5263.391	58462.21
831836.5	659563.4	347901.8	75841.66	419464.9	309021.2	1801647	1864528	178317.6	421202.7
5493502	4449348	127095.6	60722.9	931635.9	4474278	12946983	10746661	1340078	4381110
1345865	1166637	31378.13	5288.935	94030.12	1298953	3066385	2308305	199981.7	767028.1
1085693	871610.6	989418.2	1095738	860691.3	926348.6	368022.7	802532.1	80515.77	584453.9
178067.4	286157.2	0	0	41096.57	214116.8	236510.3	685567.2	0	44556.43
208596.3	206161.4	234700.1	315299	158513.9	630643.1	78011.34	253827.8	10067.7	17337.19
4.42E+09	3.61E+09	1.77E+09	1.05E+09	5.44E+09	6.72E+09	1.6E+10	9.85E+09	14968016	2.87E+09
24539671	22453701	157656.8	2958.497	649760.2	1448037	71325804	51155797	1964800	11855391
5143289	2781527	1310371	2037282	2768167	17590375	12070866	4968678	906034.8	4620014
488864.5	641128.5	4273.519	0	0	128690.6	1249229	1324962	0	2377.684
225319	177698.2	32143.49	33576.64	81523.12	174647.3	479336.1	95676.54	27197.69	242084.8
286247.8	231658.9	0	0	11928.51	302593.7	651448.6	359618.4	15994.36	349737
191916	193788.6	0	6493.021	26327.74	1027177	536606.5	423462.9	0	24291.19
411979.3	306413.6	2751.016	3254.356	7316.494	125418.2	1166658	820133.1	14284.36	228905.8
594028.1	899409.9	5445.712	0	0	482379	1166642	2084774	0	0
7887776	5494788	699122.4	499194.6	2934965	9458380	15219293	15439629	733787	6681201
2927295	1991210	317435.4	157434.8	804454.8	5932906	3397322	4394891	410041.7	1404712
404877.4	341607.8	9863.92	4215.519	19918.03	419974.1	910559	741908.2	78875.8	257379.6
968818.6	1007841	128095	70812.04	343986	1695493	1056278	2492280	68843.71	228462.5
562500.5	693697	16400.09	14154.33	0	36030.04	1529025	1762249	408578.5	440347.4
26189908	14747999	1281522	465651.7	1404396	10562027	72968312	46294148	14045866	23199422
468443	327298.2	153166.9	41609.51	98358.5	778054.2	671340.1	373521.4	91849.1	375334.2
5091164	4732478	5588.871	0	80144.88	6216477	10637484	8870712	1123493	3503919
15701500	25813449	1827167	1155061	6750067	23161115	10428820	1307824	1207517	2550116
58514801	36225804	12196842	6500751	24124714	63329017	1.14E+08	70421190	11695602	38076371
292544	302816.8	0	2869.733	0	142865.1	756774.3	397164.5	29557.53	279040.1
7682494	6597067	625999.9	380694.3	2313368	12159764	11753299	9322240	544414.5	4241401
1704495	832736.2	604651.3	528984.5	1086431	1231524	3302504	1838578	436732.5	1399166
3650193	4998742	1787574	61533.61	1860971	1788083	5809461	12445315	0	2480457
111843.4	69864.8	33165.39	29468.33	9348.015	179494.4	171204.9	168935.3	30940.68	81222.79
554733	406103	87032.35	85632.24	108914.7	1103315	625313	1012351	62062.72	203683.6
186505.1	165747.7	41990.36	26161.68	70319.56	916979.5	409478.1	165726.9	14821.37	83445.51
578581.9	541731.4	0	5159.917	26629.64	491922.2	1366170	1077725	0	68045.45
192057.7	143783.8	76139.19	92720.95	104410.8	199349.9	276408.7	145176.7	47962.82	135865.7
1389820	829978.9	400206.5	305530.8	654818.4	6849369	2472508	1396169	351687.1	795162.6
524580.4	814193.8	0	5153.888	13780.49	369822.3	1054381	462858.2	8583.137	188546.5
786014.3	589772.9	17363.7	19079.46	58302.77	1095373	1564466	1465831	124210.1	611155

610701.9	96083.73	487088.4	664458.8	677892.6	259567.6	698405.5	726973.8	577934.3	592030
261074.3	196161.3	199997.3	209202.5	199152.4	324498.4	102816.2	253484.3	83795.72	98403.7
141901.5	93693.36	22095.68	12487.72	78012.7	471436	444241.3	280632.9	61483.97	88457.15
3988050	3290701	59754.68	170038.1	393591.7	1292767	10861343	4369221	584712.1	1661844
14786394	10558076	1342490	877390.4	3748441	30755581	16365179	19231623	2021226	6247335
1595840	1172880	410506.4	247520.6	937296.2	6913526	3372034	1162154	282309.5	870485.3
331694.3	188101.8	147848.5	122716.4	130292.1	476002.9	455101.3	455641.9	128707.7	143717.2
534326.3	357607.6	41655.05	56144.84	153007.8	993242.3	722679	927850	51882.41	304077.1
5930739	4211794	497799.1	298385.7	1577102	12481556	6415761	7712498	767350.9	2442798
9506052	11445979	147101	252767.5	1124244	8087215	20049962	29155175	229775.5	3476583
27187490	17325530	2351257	2007102	7256555	48603801	40235684	38284368	4235896	14403875
352429.6	275267.8	53043.63	3470.361	72548.89	292136.5	803521.6	578789.6	70875.84	238029.6
1285847	219950.5	1058200	1338924	1548677	724642.8	1279563	1588978	1102632	1041329
1193750	1003829	193591.6	258133.5	461131.3	1405487	2037649	1244706	161366.6	516247.5
139310.1	72430.88	100045.6	62749.86	99849.86	252312.3	368916.6	154103.4	31405.67	114536.7
302012.6	190382.1	253152.7	223544.6	207052.6	361336.2	208302.7	435757.8	114670.5	78868.25
3743948	2265950	1016762	429601.6	1749694	4598338	6606374	3814446	729378.9	2442463
243290.6	190630.1	43947.14	60248.02	325246.7	256666.7	244162.7	419616	91444.48	174547.4
227506	94870.73	49431.85	116911	132379.4	1470360	162074.8	233546.7	74269.81	217412.9
549221.5	334672.5	128885	77333.56	428173.9	1007819	482360.2	1067211	145014.4	497878
332286.2	191609.7	107088.4	586721.7	403139.3	124714.3	71068.91	150081.9	324625.9	640384.2
1355494	1071951	120882.8	232814.4	318506.6	3119876	931914.7	2010100	167772.4	242785.6
106766.2	111066	0	0	0	5855.8	308306.2	286074.6	0	30959.78
3648462	2493575	1221449	894472.5	2961641	1148031	7412545	6531558	199174.6	2152331
289974	312057.3	97401.57	69287.17	148981.7	307175.4	394387.8	196658.6	50365.65	180836.4
2105772	1774027	238370.1	109986.2	191343.9	3316753	3549973	1636920	211887	1458026
1298659	1824513	1165245	1110169	461181.1	410110.9	956357.7	4533009	776117.5	152045.5
1561525	1070784	205450.4	71506.13	469499.8	3130528	1825106	2505237	173889.2	788272.3
1349800	1052907	59352.29	5350.345	90660.25	156370.5	3917232	2439794	406644.3	835825
3908896	2162804	1085780	618311	2181894	3265476	7881399	4778917	995041.7	2526956
2821492	2039262	248391	89004.26	658480.8	5608772	3549554	3894003	438443.1	991755.8
1385456	1305721	86275.96	5751.798	183123.6	271967.4	3783023	2425390	375172.3	979122.5
4215606	4924291	108531	379639.2	722712.1	5070781	7403688	2167660	65022.15	1095441
2210935	1576041	568545.5	411561.8	1307578	8935830	4878507	2087898	239618.6	1209018
22730813	14109379	1972893	1336093	6090588	42749928	31910251	28774920	3572732	12349702
469398.9	264976.4	0	0	21492.81	815268.5	854189.3	660770.8	46418.31	371006
31012375	19779710	2614596	2032474	7978528	57580947	44247337	45278118	4875957	14455157
6554363	5907139	127040.9	290993.9	473975.8	620329	18718011	15873617	1538034	4314073
11617546	11386817	6515262	4078088	14757214	3191392	13705972	29614192	0	14962483
3092777	2874125	6714.933	11372.54	21295.28	4277644	6097286	5673009	637249.3	2154173
8577303	12702445	3172851	2046804	2733938	3227188	14391990	30931800	0	6081248
1417390	1299701	10047.11	0	72307.3	472627.3	3892207	1532371	139933.2	555829
1443685	211947.4	917540.1	1322635	1402688	1507005	1640253	1310711	1199990	1566866
1564935	958317.7	499144.9	510489.2	461887.5	3678553	6146822	1891415	256393.7	976783.2
761792.8	494404.1	179558.2	117139.8	318101.2	1331973	960767	1423736	184330.9	388605.3
3897139	3560770	46926.56	30171.84	327535.8	11342794	20004586	4768323	105069.2	3428069
456175.4	296843.6	153744.8	57718.22	388154.8	1832804	834908.3	772517.1	122665.7	193931.8

139271.7	110902.9	306076.7	167417.2	197082.9	157685.3	46812.24	149584.6	34599.14	23067.25
31457708	20021178	2801900	2202380	8307718	57235986	45900200	44950263	4875208	15437798
910886.4	838783.1	15490	14692.65	869807.7	1611052	4702185	2293534	9705.56	668809.8
21970964	26533330	15940339	10138747	39204955	19372391	69544625	67588650	412856.5	8375104
1196378	757092.5	128170	71433.66	289845	1680906	2250023	1362927	195259.7	784517.6
484717.3	479812.5	17685.67	200242.4	1036785	50796.57	334817.5	619052.1	38584.83	1247519
20463796	13601243	1750500	1159076	4978581	39139715	27961077	29763216	3078226	8704740
506766.5	706394.1	6356.759	4453.226	0	27035.39	1352694	297386.9	21626.25	138505.5
430965.1	210814.7	269299.7	534983.8	529639.6	653618.6	481251.5	547216.7	575617.5	527948.8
28856596	26013656	175714.5	5873.23	776718.2	3140726	84084569	61760543	2812994	14743213
20334229	19326916	4449885	4667958	4364086	22766257	35737119	54197983	7308160	8704469
6769072	14514443	301501.1	46131215	17703927	0	295468.2	521877	0	593392
46726.46	31638.8	46695.61	0	44407.66	36942.61	222498.6	83391.71	11181.64	38375.96
2960418	3579385	3687408	533664.6	533338.4	4155292	892070	9122906	649454.2	346734.4
466429.2	472303.1	0	2399.237	6627.576	538309.8	986648	870032.4	49241.12	272009.6
456181.6	394431.1	5343.123	14616.04	34659.71	138169.1	1258825	876826.2	0	121089.3
3403017	2531380	716615.4	1225290	1764602	5294951	4060998	7626176	1278897	2209898
196882.4	137375.5	213727.5	246655.9	197962	195743	314091.6	102553.1	121147.6	68895.03
253450.1	192941.3	27615.07	28403.16	36979.64	588543.9	204800.7	440219.2	47847.39	136872.9
36239482	29965552	7336084	8382378	10930921	10351074	87516758	75658946	8255007	11408063
887270.1	623623.4	78417.14	41838.74	224452.9	1748790	1132752	1092410	78672.13	437425.1
472922.7	287188.8	101140.3	94666.67	117917.2	502261.3	961848.7	788266.6	110849.1	368899.1
3937986	2766842	771974.7	311506.6	1891544	936375.5	9796546	7351019	67012.68	3311092
1398229	1275298	0	2375.762	12959.27	1867816	2845340	1847835	408924.9	1365853
544341.2	317145.6	738890.8	815991	607897.6	849720.2	212151.5	480257.9	74304.83	518186.4
1132485	681709.1	261634.3	312531	364331	1310246	2108581	1272608	193999.2	707106.2
2902949	1452136	528553.7	496214.2	987703.7	5157121	4090120	3229767	586581.5	2601033
405637.1	253797.9	110173.5	34351.77	395064.8	171225.1	819376	586518.8	136241.9	358861.3
362520.9	251173.6	0	7597.421	16935.14	1149513	1688162	468760.8	45467.45	330030.9
216659.5	157562.9	184389.3	196903	193944.3	294441	452562	192908.3	85239.22	132017.8
682557.7	1367067	46513.37	5241139	1150822	146521.7	59221.55	8699.629	125149.4	3126867
3382259	2956744	3263.026	9838.82	32908.64	4389240	7082257	5664075	884190.8	2677981
217540.9	150874.2	21687.24	6246.488	64980.4	339026.1	369622.4	264060.9	16380.68	140906.5
901022	645980.2	119823.8	29456.94	216712.1	1281206	1647855	831139.1	113589.1	544076
12561989	14834798	853112.6	1037723	7071178	472880.5	29644579	35331712	252839.7	3505357
179202.7	43477.72	213442.4	285775.2	335241.2	84180.13	120622.4	163616.6	224011.1	203424.6
546334.4	330043.8	25240.4	18526.23	167325.5	1877664	1991134	974522.8	138827.1	464333
1195919	1118887	200480.8	58323.85	478706.7	2207868	1281888	2949832	237155.1	372713.5
1832973	2118907	919402.9	483242.3	2277699	802602.8	1869284	5173353	0	0
1616967	1318228	132167.1	143930.7	828800.9	9398059	2754486	1941475	47518.7	657084.1
3752565	2615634	1349920	876777.9	1969556	12820905	9202904	6430364	685458.3	1538023
819385.3	737646.4	12612.18	8299.888	41687.23	838348.8	1860078	1730664	312054	552640.9
1214733	1524453	58045.73	44933.59	87522.86	77877.25	3262106	3514822	41504.36	411698.2
81660.08	74468.04	11916.19	6413.416	78458.53	352560.6	157733	116147.2	40219.07	33803.13
221401.9	109187.8	15766.08	25182.6	40544.14	454627	292247.9	159546.1	147451.2	144788.7
905810.7	890249.3	80177.55	102206.4	63500.68	819352.5	1982351	1609554	41062.07	451322.7
2961892	1743162	1253683	1337604	2432837	7949432	6147750	3770284	636160.3	1612033

649169.5	439136.9	232305.9	62750.01	484346.4	2411003	1382747	1172382	68720.43	342100.3
546690.4	581077.8	0	0	51409.7	69733.13	1532125	1451453	25444.16	258974.3
7103854	9948840	228418.1	334859.9	8053784	92615.06	12687448	24141776	11687.04	3005957
99786.63	82387.27	35197.43	23028.57	16885.74	90235.33	197687	210037.5	7424.399	44749.21
265126.7	252932.5	0	0	4982.77	255987.3	616133.1	562962	54542.04	204792.5
14141533	15746730	724453.4	4724167	31414586	4537836	4878161	34044761	1102112	4479450
720399.5	500111.6	0	4856.348	0	9067.189	2221950	1201421	0	408268
935358.2	902558.7	433007.5	197800	665711.2	4554486	1295373	595769	211379.7	417396.5
2237645	1856049	99746.31	110646.6	235795.3	628016.7	6175676	5164922	670781.9	1147271
26790970	17250410	2297965	1690270	6721163	50919821	37555238	38887700	4229388	12195370
577623.8	548555.7	54006.13	41740.73	315445.9	1023977	617419.6	1369427	11405.68	131372.5
454728.3	442325.9	92142.74	19180.53	234378.3	1141900	1944863	1125131	30208.23	132272.8
494536.1	415577.6	125241.9	246881.8	420214.6	2000008	739779.2	481879	100115.8	163766.1
2821551	5022994	0	0	0	234949.2	6737083	11744308	0	0
236591.5	226012.7	270000.6	268175.2	80684.46	132193.3	132383	252551.5	33842.76	34983.98
590246.7	362537.9	53517.57	29079.45	131541	1123724	851054.5	867672.4	290161.8	160862.5
89473.73	65192.27	57702.37	61912.59	59928.08	24728.56	146588.4	138630.7	23402.62	66807.26
358475.6	194652.7	46520.75	63729.56	354298.5	1767805	477165.1	254611.5	65601.47	531768.5
760333.8	390106.5	395801.6	386298.5	494259.9	1808392	1741860	717206.7	289164.1	516967.2
357133.4	306170.2	67234.79	49581.37	307888.3	1134185	949446.1	865909.7	53227.69	253940.4
602660.8	278936	353798.9	456982.2	366761.1	1367919	1147253	689222.5	330807.1	283237.7
10237310	7836110	273653.3	110972.8	1853942	9762439	23731059	19530303	2663565	8801487
885726.3	542358.5	10022.31	6770.312	69069.75	1073640	2001162	1271677	406036.7	945147.6
1980172	1691177	582945.8	292814.8	2508851	3063534	7562995	4785613	933088.2	1902285
684274.2	469157	32826.15	12634.18	123701	1372352	936525.2	945991.5	86032.3	280738.3
134784.9	104998.9	31096.65	6788.64	84897.94	172111.5	212914.6	179505.1	16013.09	61876.45
539657.1	184664.3	534895.8	648306.5	677044.8	759903.9	366942.5	805478	587915.8	527571.3
226537.6	157625.8	50864.09	38949.74	145673.1	907447	486702.1	407338.2	30116.86	102450.9
164608.2	186318.8	2542.91	0	0	7522.065	473768.3	268900.9	6266.009	105344.5
793829.4	930679.5	537817.1	534236.5	2787052	349477.9	1422107	2398857	28030.94	690811.9
490612.7	344507.8	127244.6	127518.3	101343.9	652656.7	849836.4	414472.8	38037.68	332017.6
1578756	730780.8	588771.3	337213.6	601362.6	10556036	1391366	1485695	640116.4	1220950
408040.9	268877.7	55065.59	16599.49	250142.4	855500.6	343885	624804.5	38086.26	219575.4
11885328	13853939	353248.5	154245.8	190367.4	1050811	33364237	36002791	6810893	8748840
590928.8	1191850	71417.7	4412779	983128.5	110320.3	68557.54	28260.71	72169.48	2722514
332151.4	241919.1	0	7750.897	45618.98	1498852	1022652	183609.2	212645	347829.7
15127098	14740940	1247894	681261.1	2962035	8366127	1.41E+08	23665570	35273.95	3064412
635826.1	495796.1	246077.1	125528.7	603464	2121926	1248395	796368	88614.68	219899.6
1232501	1151740	112473	106841.7	297562.4	2309054	1508150	1837084	63197.79	483285.8
272327.3	269629.1	41264.61	105665.9	138817.5	344225.3	359733.4	736613.6	46205.75	184906
185399.4	179650.9	13666.79	7559.798	207413.3	959833.3	263839.5	176298	5713.325	39509.16
2977760	2175452	419081.5	331625.6	1268774	11403057	8308054	4383454	150465.9	1178906
257179.6	247047.2	9966.885	0	8790.14	21806.11	749397.3	665062.7	185770.4	273287.3
281250	188275.8	9629.599	5638.7	98612.24	319083.2	595435.8	416743	5851.596	170673.1
2623602	2581147	117707.3	16120.57	67582.38	1790562	6559066	6475109	444219.7	1367718
1079256	703169.7	76635.71	46917.12	60652.3	698446.6	2833829	2226494	803368.8	786800.6
184282	93984.16	72468	90449.32	213605.4	243774.1	568980.4	249000.2	39045.71	267430.2

1377701	1022874	472325.7	420914	551924	5386444	3006434	993993.9	322137	637322.6
206435	146182.9	31311.98	12331.84	153931.4	804231.5	481307.6	247685	4875.241	112344.2
8907035	7217261	204092.9	80754.52	1632995	10002288	19375675	16000829	2277211	7118073
8122680	5338547	592834	489989.9	1881846	15681818	11373278	11921956	1170051	3522593
464314.5	315954.9	138624.4	123594.9	199544.5	592668.1	753873.4	471943.7	49943.32	270240.3
1048150	1038841	15275.22	6084.593	15490.84	1125425	2331322	1828428	106764.3	777780.7
266131.7	247594.8	0	3193.267	9415.23	335987.5	558063.8	431585.9	44714.27	257811.1
8092703	10529004	8703.431	5692.629	106960.6	556105.1	22483386	24475180	0	2310727
559611.2	59929.43	386641	860573.4	523791.3	302689.9	450389.5	636131	593874.5	480239.7
2736618	542138.1	1266466	1798726	2793238	3599997	2924709	3195214	1852280	2651673
1217463	745075.5	138334.5	90583.44	323271.3	2037152	2000605	1175971	210643.4	967205.4
202813.1	139804.7	3915.476	0	5280.971	341141.2	1456844	324353.8	6028.799	194259.5
468368.4	305320.7	33331.07	34873.15	267618.6	592143.8	852339.4	781591.1	17259.18	345819.6
20553422	11617366	3946526	4391205	10179336	32419711	30168700	29323116	4388360	12049419
4012475	3536778	3512.293	5125.514	207482.9	3152033	10040979	6962466	707419	4158716
718015.4	621884.2	0	6158.78	72751.83	549902.5	1787931	1257195	111040.3	667341.8
207644.2	205127.5	19746.77	35885.46	0	12110.18	582460.3	547174.5	23715.35	87306.9
714105.9	448609.8	149007.6	71317.3	224262.1	1678229	3203295	964845.5	187855.9	380245.5
335812.1	175634.4	109499.3	336573	389273.4	662223.6	502321.2	306143.6	214718.4	353231.4
1069421	729859.2	198223.5	123122.4	482500.2	120894.5	2789410	1957977	0	1124445
567446.9	459814.6	110034.4	105300	82580.52	871827.9	916484.5	1354516	249541.8	260888.5
7889952	9721755	441186.9	292720.1	5870274	105924.4	18016241	20427491	0	1645173
97451963	65190834	13266290	12501130	35815935	1.71E+08	1.37E+08	1.27E+08	9579106	47589473
572040.1	315979.7	96245.7	308487.4	170245.7	882851	824979	893211.9	365778.7	182868.6
842626.3	664459.6	8311.956	7545.447	13462.32	487178.5	2282773	1057978	107741.2	907609
258198.1	171860.1	0	0	32319.66	296046.6	592029.5	344129.9	19820.41	136117
111201.6	97105.63	38891.27	31390.81	17528.02	43807.79	258395.7	275481.1	16442.9	84491.03
1441198	798553.4	1257419	284925.5	986390.3	3420822	3174139	1845727	377857.5	928394
1259073	427147.5	395885.9	309105.8	984602.3	838560.2	2561377	1170527	805502.6	951229.8
1581654	1052307	159988.4	192573	657272.9	2714950	2288741	2185242	160617.4	751895.1
386933.7	248772.3	10686.15	2746.362	96979.49	677320.5	644251.8	366444.5	48644.84	299278.7
13836117	9516466	1096196	632624.1	3295588	27392370	18549399	20007315	2057412	5363236
764946.5	972214.1	12719.97	19560.47	34627.6	946248.5	1420231	2440088	103975.7	410333.3
2259436	914339.6	289418	280911	461693.1	988217	6062462	3334633	1557723	1462880
820357.1	600891.9	243728.5	261227.3	895014.8	2313545	1677149	1015598	94864.4	362441.4
1229615	1608494	10449.6	119228	478436.2	2117324	7816840	3690408	36262.36	79136.43
13213386	12563022	5038352	30687457	32015949	6810987	12799819	35237541	4644237	7026693
15863232	10311396	6521043	13886636	16340662	33261295	26730960	17816771	3154463	8878362
2989750	2329985	44645.81	10841.78	139717.7	4249863	6133209	4677115	497633	2102202
88192.38	55262.68	30622.58	19120.82	144036.8	120929.8	259530.4	101333.7	14006.23	83068.28
259643.6	181683.8	168499.6	195384.4	200432.1	325522.9	176359.6	257909.7	107440.5	75482.58
718718.4	475672.9	120030.6	63702.03	197624.7	443073.1	1759377	1126825	129316.4	508456.8
534703.3	533313.2	156162.2	38668.66	279924.8	887009.3	562415	558359.6	48844.16	212899.4
3370728	2028605	454932.7	213239.2	931659.7	5448276	5741069	3924483	645003.3	2018556
219792.5	137267.3	77166.65	58582.37	137273.6	317247.8	293414.6	250825.2	49665.07	131683.2
625379	851772.6	0	0	3160.741	8494.624	1755610	2137186	210872.2	310233.3
234718.2	207746	49216.62	8287.138	180888.8	1065183	444805.6	112676.5	39213.48	109451.2

2923353	2738151	147159.3	14121.21	141962.9	509200.3	8407740	7183578	797512.7	1770678
7918256	12421597	31680.02	4143.298	0	3597369	18487694	28908716	9641.913	0
354691.5	354457.5	313372.3	316840.8	906249.7	397958.9	351686.5	337354.7	205854.5	114906.3
4019105	857660.1	2950387	3739417	3603758	4956161	3520168	3737784	3119552	5419043
992002.6	961127.1	2692.429	3950.48	13612.32	1611674	1766914	2166831	136583.1	517496.2
1027767	972942.7	8291.213	8679.185	45548.3	1318155	2140550	1626058	152714.2	565389.1
9655012	10973518	9629.052	9867.019	0	767400.7	28034966	21620935	0	3957660
176214.2	146845.4	118433.9	100614.1	160688.2	107409.1	791219.7	151193.3	395623.2	45239.81
821951.1	779581.4	151218.2	134493.3	678036.4	1437474	598760.5	149246.7	119531	837829.6
279215.5	242760.5	6467.602	0	0	0	856062.7	559682	76577.97	145459.6
237210.5	117018.7	119100.5	133477	128936.8	122750.9	459470.2	292623.6	60903.88	178249.6
5717261	6038670	539080.6	574123.3	2002337	7514871	9347098	5100432	463325.5	1582952
242249.7	94064.09	242939.2	161820.8	278419.4	395502.1	280140.1	260830.5	233820.4	97061.39
1299257	727120.3	52016.99	67663.34	91346.23	1536094	2985113	1825014	227518	957056.1
87292.74	74753.61	0	10825.49	61557.07	255498.5	297185.7	197080.6	18631.1	31618.59
17065829	17389896	271559.6	185185	15486922	2305459	38963946	9514104	1023256	4044167
335010.8	321052.5	0	0	0	428036.9	711314.5	462126.8	10499.3	9299.937
917265.3	629425.7	114378.7	117667.1	173422.8	1924676	1061125	1333912	166590.9	302024.9
505593	279498.8	219983.2	204833.6	355161.5	569547.2	751085.4	351283.1	142086.5	523524.9
3072594	2938184	903718.7	473549.3	1814149	13124242	6235121	1432396	333262.7	1424919
17597735	15520098	28409.16	20171.49	307656	29247184	31800698	35669701	3245224	15500068
83304.42	79806.74	2903.781	6243.741	28635.69	69750.39	181854.7	47571.01	7652.11	60008.07
169556.9	116147.9	110235.4	138867.4	35654.23	287592.2	101337.6	311089.3	67574.03	75567.45
1694658	1177816	210581.7	356399.7	844842.5	7872356	3307787	2404139	153386.7	697900.6
60273.54	59984.39	2095.904	0	37048.05	233897.6	173418.9	103835.8	0	22568.59
2392038	2033931	153893.5	289388.9	927982.6	1041169	5885719	2409430	540969.7	3121056
3125168	2717193	47736.81	20598.34	100432.2	3335423	7243885	6524599	627764.4	1714509
782119.3	252267.6	444677.9	1095438	397832.5	1476417	1123601	1060756	418981	778041.4
370339.6	179448.7	170611	93427.55	185497.7	179858.2	815314.3	579192	87629.16	350739.1
2995435	2031545	883792.2	515478.8	2399577	1709315	5994983	2727929	653683.6	1564456
1.04E+08	1.31E+08	3399328	2244844	33846023	36116785	2.5E+08	3.03E+08	101451.7	18176020
409041	275628.8	158913	206205.1	228696.1	905593.9	1193106	566616.3	97182.29	156794.5
136178.8	112388.5	4756.569	10330.33	86430.88	226278.9	178793.2	195033.6	0	73643.35
1191554	737541.8	135226.7	86281.41	323909.4	2003830	1968082	1134919	186512.9	956762.9
10230230	8679850	1865039	543689.1	317478.5	2263347	28634126	24699577	9726366	6289646
554667.6	363634.9	40473.86	54088.94	502829.1	209065	1244506	827495.3	172887.6	176616
12425666	7575236	1719108	732799.5	3736200	19001398	22107242	14346470	2214276	7335391
507975.9	615549.1	321681.9	358582	58952.34	503950.5	529422.5	1593596	191076.4	93511.89
264990.7	203873	23689.21	19642.27	55166.89	556614.9	308089.3	373908.2	34159.2	87718.95
463970.2	575582.8	40882.99	0	170417.6	963655.5	335029.3	909488.2	45685.58	21381.17
2926140	3030724	691745.9	126270.5	1563897	2147599	5749779	8073387	0	2044077
3320095	2503157	100522.3	207897.9	2134350	3022952	6836148	4519723	564700.7	928069.8
5350932	8866559	803046.7	613701.2	7465401	1341040	38044208	2120428	1440053	309705.6
51080.27	112890.7	127442	68738.24	221070.4	6804.368	0	253016.9	0	0
770439	522818.1	213958.2	57842.61	700985.5	2959143	1442369	1522366	189131.7	367178.6
189045.7	122539.1	78008.12	79620.08	42188.85	537249.5	546415.8	219873.9	45368.46	83701.32
407308.2	339406.4	37255.62	17062.91	28009.14	226554.7	1071703	826535.8	140787.6	278091.4

687145.5	741297.5	42002.1	5580.832	745213.3	871754.7	3803948	1889068	35119.84	634371.5
110823.1	89049.78	12307.16	12877.97	57998.35	571498.1	197949.7	141204	4010.971	29133.85
888925.9	448235.4	3129337	709403.9	1120781	147186.8	787274	1426121	1174964	605271.6
98531.59	81489.36	2868.37	23526.42	50513.38	439960.5	212038.3	88484.19	5332.589	45607.11
418875	243120.9	208052.2	273853.5	213014.7	239878.9	766058.6	751085.3	153601	208320.5
256667.9	183400.6	29201.28	12425.74	76800.56	438973.4	403537.7	342765.6	47170.06	135130
33477581	30289052	169198.3	18252.91	836444.2	3522762	1E+08	71924225	2951511	16785536
314376.7	141187.2	81593.32	46761.51	149896.9	607269.4	367792.9	327680.9	80292.67	320430
292444.8	234458.3	9435.503	2036.021	9752.916	116252.7	828913.3	552167	63259.89	144984.8
576742	363006.3	59114.68	219300	610978.7	1486062	1378588	718026.7	54953.82	372189.9
197660.3	170340.6	0	0	11989.17	187264.6	479658.6	379066.6	56018.06	71851.19
580645.5	496425.5	189143	96383.14	747231.5	708470.6	2371210	1416405	298903.4	606109.2
1760464	1204012	240923.4	245784.8	994782.9	7332682	3851970	2287158	53696.94	961454.2
16432357	14736292	3969787	2616593	10968644	7582301	34484613	34367926	667120.9	11625289
547210.6	293034.8	64534.98	21174.31	122985.6	1754733	1990084	722380.4	271338.4	801407.1
582423.3	516290.7	108865.6	118477.1	414142.9	2109150	1340454	789781.8	62691.21	334340.7
2886863	1899165	471950.8	333181.1	1644095	1401979	6810875	2884986	261924.4	2667308
191675.1	164721	46488.37	11331.3	106333.5	791765.3	433326	315966.5	8867.527	92284.82
176627.5	150252.6	32791.82	79898.99	63101.95	148817.5	336951.5	340595.1	18206.48	99829.1
3194240	4242447	6426.788	0	69498.42	295376.9	8963394	10283570	0	1766737
465522.8	368225.3	189341.3	172069.5	212417.8	578965.5	669864.2	577724.8	154469.1	257184
856375.9	611621.5	199135.8	79379.65	492947.8	1014220	1518364	868582.5	61934.72	502457.6
215113.4	169781.4	117257.7	38149.94	228421.5	389393	637912.2	420149.1	23301.29	210857.1
171032.4	170105	121423.6	95057.59	106316.8	709107	182715.8	421545.4	11164.84	50485.18
408980	345270.9	34736.99	7468.797	224340.9	789844.9	447325.8	909525.6	29218.81	148317
201668.5	212294.6	6418.799	3877.828	0	19428.17	593407.9	137080.5	68721.8	251614.4
360612.9	285330	125761.6	104112.5	149221.8	277075.6	711337.7	692107.6	70903.69	248648.4
1228817	289138.7	1224878	1148997	1185798	1140423	1966764	1457049	975400.9	1332676
4268488	2927796	342421.7	231555.5	1013599	8461701	5857874	6253304	651578	1754082
388942	347011	39166.28	14465.76	85007.33	682232.8	583349.1	498237.3	22808.13	179367.4
11634165	2404274	8925457	10566720	12847606	8460834	13591081	15474900	9939346	9295889
535617.5	416825.3	121864.1	146895.9	179841	1063479	508192.9	1046394	74003.66	137763.7
3982160	3156123	5148678	2093000	10378967	1324050	6446578	9274467	835965.1	3731247
702399.1	561291.2	54210.27	11601.8	72345.06	254205.4	1965243	1506930	231850	571817.1
455633.9	396335.3	96554.49	97545.14	78372.19	667498.9	745601	925999.6	75189.22	156352.6
3451230	2119999	528113.1	233249.4	1442980	4418733	6652720	3854887	1141788	2665885
683095.6	707073.2	10545.29	6375.607	90627.1	1659874	3680332	502952.1	57873.18	1240092
7455254	5002386	604863.7	431425.7	1797768	14283262	10833321	10484207	1036594	3180854
1035979	323950.6	849662.3	1175992	1091041	555744.5	1043785	1587465	1042790	792997.7
1452664	1030181	134125.7	41350.53	310515.1	2484140	2441180	1361528	197705.1	859239.1
278307.4	185264.6	211720.2	213752.3	166172	633509.1	479780.5	155912.4	135995.4	172322.4
6.29E+08	7.65E+08	34980702	22018677	61907583	4.17E+08	1.49E+09	1.91E+09	1828981	6.92E+08
2393605	1310405	1582341	832947.3	1537195	4601140	6628205	3612067	767985.2	1247061
26154631	16742424	2509726	1875882	7506866	47653536	39792982	37191146	4175642	14650331
526398.8	325373.2	168224.8	232267.8	232644.7	401340.1	1046105	740486	115971.5	252838.9
963033	532543.4	136787.1	32196.68	244553.3	1770953	1506833	1136410	215231.5	623973.1
499783.2	299757.8	99301.63	116729.8	168469.3	380800.4	1132679	620071.7	111207.1	311632.4

739818.9	337576.2	428647.5	533927.4	593933.5	1796723	1100261	688794.6	321399.3	565565.9
1147186	898325.9	42312.39	26235.23	93266.92	1222937	2686241	1893475	212566.7	817475
894461	694588.3	243762.4	523845.4	932683.2	1885854	2105253	1028500	361454.5	326092.6
190427.7	310392.8	3367.494	0	4916.317	445049.1	1185282	48504.32	0	72927.1
7466028	5008825	592670.4	400462.6	1707778	14826172	10401937	10953751	1040200	3080010
146426.1	123438	28991.47	20682.45	49398.95	168029	277350.9	224508.9	0	167602.7
321898.6	230760.4	47942.96	64597.62	33813.37	269649.3	757940.9	361075.2	41881.43	167148.1
6222677	5023046	603088.9	546551.5	1325886	11436697	9017999	4465007	451294.2	3291386
419270	115779.5	355857.2	54456.21	118880	474427.4	2078558	335003.3	573729	344176
144835.8	148694.4	0	2692.329	6526.95	113616.7	359500.7	247338.8	40295.97	85529.04
366587.4	408279.5	18084	36222.15	113874.7	1733936	906716.7	986956.1	20957.81	73107.96
4629404	4422188	2105149	1835730	3230577	21238766	5372533	3056200	809667.1	2237808
674278.6	1262809	5433.328	5989.712	0	138767.7	1580439	2919651	0	0
9334101	9103295	153927.9	13098.76	501450.1	2064426	27079708	22643169	897862.7	3908438
65392.38	42611.83	0	0	121549.5	117458.3	197315.4	74569.88	0	107422.3
79572.77	48425.64	55160	61333.22	21475.63	72944.64	352756.1	105041.3	9080.153	54887.19
1514674	2406490	928716	860609.5	1084877	633621.6	1241659	5765772	34257.87	327541.9
25799976	14802672	5069569	4462248	12001046	28453278	51144849	38291327	4534381	16622308
15401742	10055504	3216367	2829267	7759785	16589583	29618354	26078408	2883311	7460327
44882699	19211449	14164497	22860977	38457991	53041461	64200007	61983084	15424327	38470753
2827814	2383246	216777.9	269516	1184932	4952332	3885999	2419626	304958.2	1042851
94720.58	64577.76	165159.4	293389.1	41665.32	53210.34	61920.77	187053.1	108322.1	91603.45
475670.1	703271.5	49771.02	52515.3	107563.4	749968	536412.3	242310.2	33786.63	68397.93
232115.6	276844.3	2440.728	7153.355	11571.42	274851.1	472592	719465.3	28906	145689.3
1347618	1319132	88988.57	72540.69	67799.74	2253888	2262157	2884326	156363.5	523520.4
2018839	822986.7	732726.5	3184094	2244716	1394510	1099861	1164033	2178969	3343391
275346.4	350775.8	32486.58	0	85307.61	519445.6	274833.5	381140.8	57895.59	13505.83
3457213	1909737	85502.7	52810.49	557680.1	4644219	7559662	5333012	721404.1	2675423
669783.4	392146.5	182868.2	194921.5	175433.6	2096676	1927710	1059782	228638.6	500725.7
261879.7	209120.6	11702.05	7001.484	59965.42	490707.5	392297.7	430254.5	0	111673.9
279807.2	384951.3	269253	231649.5	126658.9	238275.2	79906.2	967994.3	111181.3	119776.1
156104.4	148667.3	0	0	3135.1	276094.2	267265.8	195125.8	5568.021	45510.3
694177.3	757917.1	56373.27	169697.2	44052.01	5570700	521027.4	1765791	73250.34	248198.3
2152768	2100899	2434.474	0	9592.547	2536024	4845269	3451134	481969.7	1441575
157751.9	99474.33	18052.88	21003.68	166245.4	546231.8	313508.8	234608.9	11154.16	97105.99
59626.29	67614.95	4436.742	4550.203	86659.09	284136.3	68100.85	17788.27	0	17545.47
15252122	10335555	1588918	1058091	4738255	28512992	22038089	24423089	2053496	8167114
291387	214180.1	0	8419.032	34998.3	509135	517075.1	243185.4	86987.14	102150.2
80477.1	93701.09	24127.12	2528.347	25569.25	366332.7	187793.7	241883.5	0	39772.11
282441.3	282165.2	0	0	20200.12	68696.75	817034.9	194675.8	34117.18	52409.36
7892001	7945294	1042375	683525.1	8071815	490382.6	17198924	16735260	11975.69	3975961
1008346	933283.5	147332	100199.3	164326.4	310915	2692916	2464471	293573.7	942500.1
527344.1	68785.44	374020.8	523745.1	938395.2	600016.2	459838.2	497273.9	455204.3	504236
73135.9	47070.23	2919.448	21026.99	115779.2	152779.5	174370.7	138106.8	9688.621	53767.45
330998.3	122303.1	242960.9	262372.3	109078.3	250448.2	560941	361167.9	239348.8	191236.2
459682.3	291101	76310.24	53433.32	224065.5	502944.2	924496.2	380540.9	78853.27	361221.2
821956.6	518889.9	47730.73	111093.8	159200.5	1742480	1038587	1109540	166199.6	357383.3

199578.9	195711.5	13628.39	0	49937.92	449151.7	185263.6	272202.9	0	8342.419
1398110	848765.8	192447.2	189748.9	782440.8	633235.3	3416141	1382789	406666.2	1208080
13225616	11093885	15350054	8145098	35339252	3830753	21837795	27783883	274281.7	21321548
1436836	246949	1298959	1571833	783520.9	2712770	1664078	1127212	1810423	1354244
132733.2	173272	55512.42	41224.07	80824.49	129957.5	152187	119979.6	21955.96	62493.39
376797.6	236299.1	177501.6	259123.6	647289.2	950140.8	294452	545116.7	103813.1	141073.9
2401113	1213727	835791	341769.3	1597566	8967513	4534357	2738941	600148.1	1841976
258619.4	217617.1	0	0	51025.21	393687	493667.8	509163.9	4802.95	86477.03
369604.9	225229.8	56238.94	76427.77	418694.9	1260155	645979.4	473404.9	45861.86	226925.7
1257693	951813.5	109205.6	42332.17	326873.5	2806627	1338334	1686257	117466.1	476429.2
311433	242313	43824.96	31279.81	119221	442164.8	545436.3	568473.8	23462.73	85143.26
2167369	1710673	190617.7	210698.4	1491617	10943618	3405577	4293681	130187.6	819558.4
111765.3	23313.41	63922.48	32438.98	58474.86	212531.8	107267.2	124156.7	71939.12	112789.5
235394.3	108104.4	3744.917	82073.52	48594.2	486767	299327.3	169969.7	158585.9	269998.7
629835.9	659415.9	83009.64	9324.038	241104	1085967	830872.9	688325.9	132217.3	139310.4
243516.9	117011.9	0	6106.972	4023.037	292556.2	593206.1	325564.6	162044.6	235274.3
364643.6	219117.7	94117.49	81519.45	110313.2	341174.7	785942	460128.3	83634.02	211431.4
206919	157485.6	68858.36	73859.39	107191.2	266603.5	304715.5	344504.6	34432.35	41371.57
17761207	11857114	3539513	1438051	6066718	21271032	35785341	24563806	3237120	11347778
2077031	1363019	169890.5	70764.3	442829.9	4247899	2882923	3342909	312607.6	999069.1
221193.1	210204.4	34762.53	69195.9	243181.8	882152.5	319560.5	234527.9	30968.07	95218.95
275417.1	188850.3	11292.62	26579.21	17298.34	188782.3	732795.3	550811.3	112144	250304.1
10925413	10510535	6535262	3821827	13863678	2931041	14333858	27186915	223350.2	14975196
27714447	32566150	55240.91	102678.6	6898674	1869162	78059230	53427078	0	2655315
101366.9	112917.3	2585.735	6547.866	0	115546.2	218940.7	190144	0	35666.27
13155586	13513388	1375266	1653980	5897787	1281512	1.14E+08	32677528	0	3450875
372207.9	249989.2	62660.25	113727	223316.1	1454150	717641.1	360273.4	91235.67	162600.6
458716	318232.6	82280.99	67725.09	203967.3	2165346	835748.6	303599	71036.99	345288
1530702	1385289	66177.88	63886.32	378497.2	2656915	2407052	3416263	73674.86	704824.7
5214312	5027866	2252876	466265.3	5510852	2373354	8844291	12267859	0	7967015
289207.1	196752	26766.27	3138.29	71719.02	627234.6	351505.8	433310.5	17269.94	153744.5
393834.3	381695.6	17496.9	14179.39	51241.4	218559.4	1033267	624485.4	51352.19	217491.1
71130077	71417459	72497369	39899375	1.76E+08	25702751	1.48E+08	1.89E+08	502374.4	79910219
4808109	2163828	2270126	3633852	5080077	3072625	6887637	8037083	2121633	5378851
12016148	11188975	94708.09	0	411643.9	1719929	36391847	26058848	887720.9	4447585
6.58E+08	6.89E+08	17050481	15804000	2.9E+08	4.32E+08	1.52E+09	1.08E+09	2064827	1.38E+08
1756793	1444291	114016.4	108067.8	344472.2	1917007	3903687	3038488	416686.7	1358617
16792589	9979939	5610513	8645023	14244280	49252883	28921098	20767572	3116401	9678604
3523584	2178142	680226.2	356851.1	1654853	7453607	3492133	3489089	604266.7	2288424
939169.5	1136306	85834.95	15404.98	426834.9	1782814	902405.6	1042912	219060.6	118601
35436182	45370477	1583614	893751.3	2274894	23166392	85665444	1.12E+08	124002.8	38701359
438685.2	293619.2	11581.75	15445.29	69288.65	1433257	1645738	650816.1	118845.4	308728.2
1094709	819010.9	1791852	914858.6	2378471	1345999	290266.5	297050.2	903104.7	1926248
303521.8	273472.1	16918.02	16493.25	49015.51	90632.1	849203.3	629220	5305.436	95877.95
3203497	434263.7	2277471	2545819	3200140	4113212	2968769	3548153	2642339	3189582
655022.8	418722.1	48461.56	32914.14	143784.9	1543493	663831	989834.7	106988.9	343788.8
95853.32	67640.12	43592.64	72282.81	32760.11	168392.7	68064.46	206821	45869.73	43992.63

6188999	4132592	1569197	1576587	5281080	20600716	11976261	7686734	831005.3	3048903
212173.2	297126.2	195861	143657.4	849836.9	71201.28	269611.3	735169.4	15642.31	91220.51
525141.1	388521.9	130292.2	136049.2	226260	461018.8	1069222	754771.3	88761.97	324958.2
662803.1	368052	227930	337451.6	137469	1150199	840226.8	985149.3	207109.7	332416.5
208197	230616.4	152482.6	161663.7	117550.1	218535.3	785364.1	101059.6	36684.58	244022.2
693768.5	180876.7	202750.9	231161.7	250692.2	232262.5	1761089	812404.7	493255.1	534361.8
81794.22	26551.82	100368.1	57445.91	96761.91	93130.88	96015.32	123908.8	67968.59	54881.78
3818276	3146530	304467.4	164563.8	1033162	6556654	6151698	4939948	264144.9	2158786
613196.4	425802.2	50626.89	28187.85	81778.34	1205633	931712.7	702732.2	77539.19	271915.2
737236.6	547569.5	90915.69	59479.66	162957	1492990	963484	1226239	58363.83	332896.8
8713718	8148744	175413.5	52128.49	544094.7	11200251	18831721	14674884	1442632	5317391
1715101	1196249	176075.9	87495.11	366499.9	3550179	2271042	3408855	362924.2	798623
15572097	21453198	3944761	2017049	4012618	2712925	36714528	50982972	251766.6	20920689
500824.5	258498.6	56646.28	137185.5	131726.1	954705.8	700455.9	621576.6	355973.6	839210.5
7051039	5998113	3422811	1508564	6779902	9370675	27113086	16402202	402056.7	3783558
1021516	712622.6	234071.4	325140.1	732190.3	4454414	1448046	1059190	298439.4	500070.9
335644.6	190549.1	102177.6	112118.9	163937.2	879169.5	937774.2	502874.8	64942.24	224035.7
4547135	2626699	141300.4	316300.7	1280195	3354740	11650531	7323604	714180	3575773
792800.1	714734.2	0	0	11211.99	513407.2	2164526	1251620	6842.933	151875.8
5025725	6183292	27050.37	26848.84	871527.4	556532.5	14199583	14766310	143087	920139.1
226802.6	118794.7	35896.07	17445.69	110523.9	462149.9	267633.1	252461.6	31247.99	212792.5
1.67E+08	1.8E+08	7094381	4000990	18817691	4.71E+08	40885680	4.11E+08	993746.7	45077277
182961.2	173796.7	2774.34	2499.182	89422.74	562979.5	652727.1	429461.1	61874.59	80219.38
805672.8	684303.7	77975.53	5077.207	154313.6	249554.3	2265626	2003203	280087.5	577685.4
116795.8	82490.4	34435.11	31110.13	113858.6	333943.8	240199.5	175453.3	9237.416	57009.18
672995.2	524142.4	442090	553735.7	426931.4	342721.7	967040	1298265	1171587	406219
100372	140897.2	14154.59	0	151015.7	474323.8	118826.2	43277.5	10049.35	34135.25
176542.1	299118.6	188058.2	115810.1	326264.7	382450	219067.6	104676.9	9525.271	26885.78
2289791	1699460	232383.9	161976.8	1200853	8130584	6178993	4191289	171942.1	946261.2
5139246	6122873	390510.5	415600.3	8990586	1915021	6179160	15760783	5079.084	2607862
352929.3	327391.3	43949.02	87637.37	350707.3	1430057	556832	407561.3	16677.25	102649.4
1817354	1703738	611117.1	372388	1352066	515436.9	3840235	4531819	28970.62	834572.1
330525	369783	104542	165298.6	51563.46	289083.1	581914.5	984354.2	72859.33	195576.4
502012.8	158300.3	427348.3	442891.5	336475	589828	514199.3	699925.1	421164.8	466307.7
3396981	2439288	12581.91	6875.214	25961.33	3066905	8935803	4614540	620406.7	3877079
4946466	4297765	835795.9	163924.2	761813.5	13833305	1348465	6718810	50555.51	3295278
413339.5	448310.8	181779.4	196040.8	55863.13	290525.5	774447.5	1164630	96016.44	273221
82372.55	26937.94	62034.47	77068.06	85615.51	94271.72	133480.8	114544.7	55851.91	53302.39
940765.3	718474.6	231589.1	590786.5	371321.7	3448279	1715200	1253227	60445.64	349038.2
128990.6	80605.57	24300.83	15861.97	90027.55	217417.5	169430.6	197029.7	5613.242	101823.3
341736.6	308344.4	24425.25	29893.73	13246.32	481592.7	688138.5	544440.8	36678.04	235727.2
220199.8	275918.4	2886.374	6565.762	226511.3	35285.92	464997	259589.5	10916.88	70630.19
308776.4	187838.9	18269.39	21828	158552.5	1286847	693331.8	418030.6	103546.1	155874
919206.7	617212.7	597613.2	1548623	879800.6	2532129	216205	1171483	7381.747	581272.4
283587.8	198178.6	81365.95	70628.53	175265.1	233720.7	558076.8	441128.1	22622.45	127904.6
111608.4	88729.41	39884.15	39735.23	22258.8	55522.72	259065.6	197143.5	13663.87	51037.02
608988.1	265753.2	225246.7	108978.8	208314.9	3661182	545269.6	637363.1	189809.4	550488.1

186420	156481.3	9351.667	3223.935	90438.86	728232.9	493584	179185.4	0	67234.1
191953	126594	6912.537	2398.464	8788.165	620601.3	752930.4	215697.2	117687.9	339236.8
55726.78	51104.38	7294.652	8292.081	70018.97	170455.3	115326.6	138978.8	9671.664	18919.79
300696.2	176705.7	57833.06	44438.87	190511.1	254390.8	637704.8	337999.9	44384.41	217679.8
238274.9	258269.2	142611.3	139854	73464.63	180912.5	352457.2	622382.5	17410.68	83037.88
346523.3	364134.9	26737.2	19519.71	67500.78	641497.2	480246.4	176954.3	19820.38	200568.5
874097.7	131115.9	798440.3	849087.4	946256.2	599458.2	967811.3	1002730	760506.8	770366.7
4315187	7291001	306268.6	105468.8	1447009	8456739	2584370	2138400	71288.96	955008.4
2153835	1833011	394990.3	84558.28	597286.3	3422564	3594066	3940204	343086.1	226276.7
589975.8	287491	549497.7	723334.3	699278.2	713810.5	589199.9	497342.4	600507.2	190891.6
863064.2	652102.6	46275.52	0	48836.21	95554.13	2682377	1848078	217696.8	468358
483433.2	419873.2	786969.4	589019.1	582017.5	698500.9	260432.1	823042.8	29166.64	68269.44
240299.1	195496.5	22220.01	20957.6	10346.25	236622.7	578653.7	406570.5	41866.12	200556
298285.5	327911.2	325371.1	426185.7	83538.56	608705.8	454436.7	132778.3	181973.5	145381.4
1276889	1177890	307036.2	281676.1	159767	1183182	2751776	2130506	107629.8	845657.8
665583.2	451665.1	157324	135857.8	474951.9	2215729	1436599	847375.3	49077.41	355718.8
1574734	1165438	14070.8	2522.286	67611.82	2757954	2970087	2969004	148786.2	938703.7
1984452	1709859	391713.1	201884.3	863089.1	2356452	3707105	2177643	261170	807273.1
890154.7	1195638	2516.829	5408.235	113668.7	88194.29	2519783	2968258	544628.4	736500.3
637660.5	625304.6	254841.1	219797.3	570479.5	2263826	993128.6	811283.4	76306.81	270332
1057036	736163	85600.06	62587.53	306522.1	2120851	1452557	1458313	137739.4	559143.4
1041579	687708.7	152853.6	126804.5	474101.2	4839446	1908335	1345121	339792.2	340137.5
594390.8	808524.4	54263.15	6389.692	245646.6	1170570	495439.8	791725.8	65654.49	77884.46
342553.7	267502.2	32875.91	0	33840.15	0	1068388	816279.3	172137.6	204661.3
9441471	13163198	3493393	1457261	1960707	3986193	20008161	32567487	114181.1	6765834
176358.3	86747.6	26549.31	14630.13	62800.72	1053934	216353.3	258442.6	56295.52	158539.8
12266330	7662069	96478.44	46153.73	298947	26438884	18769364	17660040	1561859	8200603
580012.6	506925.8	44821.11	269700	246427.7	932068.6	741031.2	877552.3	64378.29	231631
147217.2	79221.66	69103.47	62968.98	45512.45	468548	310611.4	225201.7	55639.78	70426.17
298049.7	244806.2	46955.8	23385.44	115350.2	1330004	631492.9	411654.9	42093.8	106784.2
738241.7	550827.6	190062.8	253041.4	388158.5	1428064	644638.8	1503731	219290.5	206552.8
975265.3	1989865	0	3273.29	34914.81	3967137	3970874	4532648	22519.49	32451.53
716271.8	396208.9	624628.3	909599.2	885908.9	1013653	613669.5	610145.2	1293888	185930
329954.4	199285.8	7986.701	0	0	0	1081263	527016.8	12194.83	279748.1
7637261	11760982	9556.445	4268.121	0	4863594	18296835	27637622	22454.93	0
1383976	1002783	271525.2	378211	557214.6	3940348	4163982	44773.32	758144	1479802
465492.8	70292.24	418479.1	1108197	352117.6	426368.3	378862.7	447465.9	401816.9	438010.5
786187	516289.4	98322.79	57057.61	275634.4	1356618	1271218	787063.4	115989.9	540606.4
262021.1	153675	286561.1	359418.8	299783.5	358008	187013.3	339822.1	232075.9	193798.5
3175633	4112159	1194926	183233.9	748330.4	1520021	6992070	10305670	39772.53	2847104
60962148	73571557	530471.1	444602.3	26439812	6945782	1.64E+08	1.31E+08	0	5274099
239452.6	228538.1	5294.479	2935.794	11969.08	217897.5	597137.5	480975.6	28449.49	139520.9
1101522	884339.5	6785.855	2936.337	36301.93	1294165	2626251	1534001	159704.6	666949.1
1992143	1854411	19576.92	39019.89	1286557	2134888	3893923	3044753	372293.6	1277097
6570943	5035271	497345	288550.3	1901083	10768727	11461994	9128217	556533.6	4211362
54509844	67538860	375860.2	548681.8	24009642	4877497	1.46E+08	1.17E+08	172696.4	4936616
746476	350681.3	430277.4	456444.6	585899	1365557	1578680	551985.3	343877.7	688105.1

1013647	763747.1	141133.2	86698.01	361259.9	2538204	599574.9	2175591	138767.8	566582.7
225724.8	168044.7	317761.1	358812	339486.4	257010.1	71035.5	520832	160829.1	130585.3
4249418	3422173	459343.1	527210.5	2641075	8501652	4134534	8940568	543753.4	1545196
274148.7	174635.9	132377.2	109289.1	78013.04	690697.2	767507.6	292808.1	63430.96	158510.2
268175.7	264991	2519.854	0	0	0	851907.7	671475.6	4732.835	73953.97
1.19E+08	1.28E+08	34110258	60146.98	66676216	92500592	2.36E+08	2.98E+08	30321563	57209384
296611	102261.9	155583.4	217512.6	188265.5	313961.5	445337.8	447387.9	271322.5	236113.4
217853.4	149073.5	56531.87	148421.3	159836.8	544960.3	451612.4	235629	22427.7	125187.3
15234407	10394319	1854567	1679390	5587581	27894559	22310918	20007299	1201558	7284774
271285.2	145096	214629.9	248139.6	37531.64	399421.6	795147	424609.2	169725.5	76439.41
183751.8	125038.7	244177.2	94359.44	379970.3	164021.5	207466.4	344493.8	7249.894	171945.7
5854849	3999072	499894.5	335958.9	1383071	12048892	8062090	8435185	939622.9	2294303
2890733	3249148	352288.7	127820.4	415533.2	470267.2	8124565	8543254	777890	1168756
143875.8	167918.9	50900.16	56604.53	29763.5	124104.3	256242.9	122406.3	9977.4	84641.69
399796.2	333637.2	19306.13	20359.86	77882.91	110228.8	1150409	946084.8	166840.9	448244
95929.95	82890.34	36796.29	47370.19	50600.13	363602.5	150655.6	152255.5	15177.95	11476
138154.1	106485.8	2214.243	2264.808	2277.055	227278.6	275452.3	260323.9	3804.079	99652.07
7304472	7502053	421549.1	201566.2	209552.6	912148.8	22030746	6145743	717535.5	18119554
774122.9	584858.4	520867.4	562487.4	487876	2215648	1060891	1629468	193532.8	269188.8
2594280	1817414	684002.2	229372	1749130	2979732	4673375	2610637	272719.9	1444778
379630.2	233972.2	182656.2	156932.7	288593.7	473671.6	500777.9	260687	73883.73	339285.1
88215.92	71362.32	19649.53	58988.52	62054.61	288154.9	146527.6	107046.9	15642.92	22058.7
230490.3	226626	11090.21	9266.418	12942.43	174392.6	593623.1	438626	37034.98	141253.9
822401.6	1124248	418390.1	222055	858992.5	565995.5	815017.1	459856.4	432977	126635.8
276320.7	503113.3	10117.43	6522.406	10535.48	21640.63	714975.2	1172124	55711.84	14282.26
743879.9	505872.5	305341.8	346162.8	384004.2	833241.2	1190397	1284014	85407.43	471153.8
99378.57	88270.77	43466.03	104922.7	109711.6	202068.9	146633.1	140493.3	17999.63	17066.5
79119.66	150157.5	61285.97	35063.36	0	54095.63	81766.89	347307	3774.406	11985.33
241327.4	163962.2	84737.07	117199.7	102735.2	1241796	216493.8	504230.6	97284.02	110702
75907343	58789758	54245108	29789179	1.28E+08	31365528	2.51E+08	1.77E+08	27728874	71874717
4401427	3322439	73333.96	40909.54	301304.4	8033858	7941661	9068808	454095.4	2604423
93801.85	66278.93	12137.59	2863.203	38973.76	132593.3	177061.3	118359.8	21251.88	44849.81
42663661	40414290	24244547	15829167	61159078	12509734	51640421	1.06E+08	415908.4	56296792
25804500	16906694	3630639	1540816	7172367	44254359	43807138	31436911	3624329	14519457
823174.5	720153.9	32149.84	23743.93	95748.64	1136958	1729356	1239034	133202.1	481015.1
5641598	3787397	453181.1	321974.1	1364390	10970349	8580466	7787893	835806.7	2567247
959487.2	912521.2	27221.41	5353.698	43942.13	1477804	1907098	1446242	204943.1	655529.2
496015.2	302925.3	141531.5	45383.94	265203.9	667633	878323.7	541242.8	89092.21	353146.5
2258501	1370087	526410.6	260477.8	1821311	8753881	3865820	3828969	324244.5	1521303
1942664	1891316	566370.2	74652.67	1718715	507170	4240570	5102146	218729.3	1916671
153176.8	148036.3	9103.469	3330.301	48233.8	52469.39	417023.1	184447.3	15870.62	101956.5
121590	87021.06	8939.856	7147.923	26010.17	212815	210180	86022.34	19475.94	83656.77
243931.3	253877.2	22290.61	18550.06	203497.4	841290.9	593636.4	351412	15544.23	84346.1
207463.9	136087.3	6517.765	3024.261	58827.4	372035.5	357500.8	246981.7	13236.35	127465.5
468982.9	295486.2	102416.5	68926.77	245354.1	852041.8	612636.3	458528.5	60448.09	321736.2
1048703	968204.3	0	4040.316	29013.88	75256.71	3320422	1892669	84746.65	1214643
308395.2	163997.4	19567.14	8557.809	69256.86	456403.9	642851.5	419948.8	162053.8	112842.3

526548.8	454614.2	48052.36	37066.31	59296.68	1042773	770489.7	543428.8	55377.68	216380.1
1131001	817620.3	104289.9	75203.6	497377.5	4156539	2951159	1803874	38102.37	578182.9
245804.4	206485.4	48366.2	23479.68	55063.76	436490.8	372228.8	277096.7	43951.29	64214.94
350649.2	427389.4	15463.23	10753.85	227552.3	237085.4	730948.1	367963.7	9738.203	127621.7
457058.8	295567.9	94079.71	57130.94	253485.9	1550361	1094030	505862	62766.11	286605
2242329	1137575	716180.8	637843.7	1453864	5884264	5485430	3434858	579913.5	1690029
8216040	13412146	0	10317.06	0	5061708	19707398	31691562	11590.8	0
245266.5	219059.7	5124.397	4135.136	0	331467.3	546439.4	374335.9	25850.63	171662.6
913994.8	888042.9	4056.34	0	12128.43	56284.78	2897069	2136486	134628.1	1380013
55965176	96972984	39570.92	13557569	83036540	3.75E+08	504044.4	2.24E+08	54442448	166863.7
81463.86	50874.41	28692.32	40594.86	68537.49	154980.2	210546.3	127053.6	12451.74	57227.86
8747906	7740563	2061393	607329.2	4746813	14641396	11630615	15370164	697316.4	2079016
1009587	671641.2	73099.47	17490.45	345215.9	2358104	1042529	1333977	55092.92	589713.6
338776.2	280567.5	45610.29	295238.9	199722.8	1161399	522140.6	782960.6	225038.7	122748.2
756585.5	968429.1	937359.5	544969.5	1876698	729220.4	824051.6	2444347	4155.29	272194.5
452954.1	306306.3	0	0	11624.78	488200.2	1158195	787715.7	42928.44	495049.7
84537.05	65339.75	10181.16	0	16652.08	66610.34	216148.3	83582.38	0	54213.74
136717.8	103944.6	23610.25	9706.552	57252.49	221892	220695.5	271505.5	5199.285	64412.76
143591.1	88633.39	16512.42	15846.09	22237.25	262884.2	241736.7	190772.1	20723.14	79160.53
367624	323895.1	60659.07	119753.3	351876.1	1433297	528260.4	416263.2	15452.67	140528.2
270514.9	257643	362135.9	66604.84	316386.4	867615.6	149582.9	103856	135905.7	154579.5
6668258	4781954	855975.3	621607.4	2563476	9659922	12328941	9646245	309116.6	2951027
211337.9	158522.4	0	7326.994	7176.95	1018839	521331.8	370841.6	0	123475.2
50547662	63030546	50041.91	385107.8	22867584	3553699	1.38E+08	1.08E+08	381900.1	4843147
907608.4	1304672	185098.7	171034.3	155972.1	94773.89	2290945	3180982	60845.9	324957.1
1074858	671433.1	74201.12	664459	250615.6	1718475	1635581	941352.7	177645.8	906815.7
512377.3	887248	159778	14132.81	176493.1	370565.5	865100.1	2077984	8338.741	8294.047
685527.6	534868.1	16616.37	5599.492	53978.5	203638.4	2080567	1490447	169809.4	515403.4
247883.4	163289.4	85247.43	63156.65	118189.9	651638	686929.7	426283.9	38964.76	157305.5
415709.9	357590.3	200884.3	233170.1	395829.7	368395.5	490893.9	972615.7	174472.2	140702.3
947707.6	755439.2	21131.26	4678.353	14661.56	1319859	2128558	1433466	315091.8	966402
201185.1	181036.5	44589.26	18799.62	81863.7	244127.2	377510.3	286645	16831.65	98051.16
8761110	8291985	6587835	1247048	19285687	591424	4779706	20336699	0	14231141
533386.6	434277.9	88019.67	79194.72	262386.7	134489.6	1386287	1245772	171905.9	470931.7
116255.2	120400.1	0	18915.59	48229.13	236083.6	122534.4	321099.1	17464.34	39961
443258.7	541826.1	2106.472	0	127957.9	155177.3	1186453	189579.8	0	0
666390.4	474351.8	102988.4	146299.2	263329	1544097	506509.3	1012673	91762.76	356380.6
2186157	2948717	209938.6	139381.6	106136.2	242696.4	6210670	7385421	829142.7	1337541
215533.1	202628	0	0	5715.059	286722.3	483780.7	299088.5	0	8004.754
2312222	1956623	73243.3	28181.99	468670.7	5283738	11029211	3807035	503688.2	1077714
1967645	1403648	231175.7	536356.1	736706.5	2690591	3588625	2717920	151475.4	1144700
94657.62	97182.9	38952.62	74406	43728.82	215977.3	237933.9	225340.6	20521.34	0
9059003	6267864	1671217	1194454	5346257	34398596	18566306	6553575	1768687	5992348
816622.4	587492.9	52880.36	30508.37	187935.7	1673830	1176959	1202642	107569.5	262148.5
317461.5	207403.2	2841.609	0	7944.615	108178.7	983651.6	293110.9	289861	559853.2
16664435	10861181	1783566	1125849	5893239	30823681	25788667	29548870	2565062	8790448
911542.8	651231.5	194974.6	236647	513932.2	544795.7	2056172	1430638	188939.7	501405.8

41834993	29924860	4577410	2708155	15385291	82368894	57471383	80917585	5029192	23360606
17629897	17235079	502636.6	282757.9	12785257	4421337	44685749	11104798	956623.1	4729003
232204.1	95705.27	157479.8	178069.9	171346.7	381749.9	133181.2	352164.3	121549	304279.4
163374.9	144487.2	34882.89	16828.58	144133.6	140206.8	876395	411064.7	37721.64	129453.9
374486.2	265939.7	65720.21	58345.98	260101.2	1313359	790867.1	683091.6	40411.87	158267.3
561881.5	346299.1	80196.96	64048.91	87967.29	612042.2	1314210	863959.1	122774.8	587872.4
1084279	938306.5	3049.983	3293.312	235922.7	989519.6	2704919	1715678	166710.9	1252286
388284.6	101707.4	339021.5	384064.9	412659.4	219637.1	450661.4	556408.3	363866	284455.4
233101.6	249608.6	425893.7	435019.6	312863.1	166549.1	117169.4	28480.68	562569.6	440670
723264.2	650015	17950.01	6755.888	124487.4	1588356	3610184	1264300	137678.2	339346.3
281637.3	183828.4	14399.19	16527.59	52340.33	86829.38	833569.5	425561.7	134349.4	59850.23
2042345	1409570	85720.54	79727.25	581161.4	7172953	6178040	3020477	299498.9	1277535
1513692	1682784	1593216	1989134	2704509	1032338	2078150	2121971	4191368	130200.4
1363931	1020534	743593	494454.4	898350.2	103057.6	3045306	2900420	141970.2	877743.5
357298.5	261716.9	33030.15	21648.19	100989.4	543076.1	681401.5	582429.7	18503.95	199162.7
2124680	4122361	6068.643	0	84890.02	7867570	8787147	9489728	86439.85	71267.71
109030	110823.6	29185.25	10348.7	53926.94	150328.8	168802.2	175741.8	16611.31	19056.25
412059.7	213686.3	134586.4	178775.8	252283.6	626687	558798.5	639394.5	89289.42	323677.1
68466.89	47860.43	15527	13909.18	48102.29	44549.03	147946.7	96870.32	0	36327.28
139084.5	71893.54	59240.71	56579.82	99526.72	134032.8	242096.2	143201.9	38786.13	108031.2
449845.7	286307.1	188473.6	220793.4	296718.8	719036.7	466126	939350.3	215062.6	334226.8
56203.16	45796.88	44368.32	55865.66	56940.32	64885.63	7632.481	89874.9	33779.16	9961.5
1.35E+09	1.16E+09	6.55E+08	2.85E+08	1.46E+09	1.9E+09	4.48E+09	3.1E+09	2759370	7.59E+08
489911.8	329221.6	123648.8	132478.1	225359.4	389906.3	1068182	667956.9	106311.9	217723.5
4418707	3181141	10281.44	28726.53	116311.2	8501780	24881823	6186518	1649033	4878031
26165925	17668177	2417872	1638340	7164180	57546402	32193614	33513141	3993143	11886821
2258966	2670153	7541.406	142948.7	3897151	771182.7	3259219	4756109	69211.78	575562.6
144914.5	105244.7	56486.97	39829.73	106115.9	694549.3	126038.8	148804.4	0	89993.74
1394950	960977.8	401420.2	318412.3	1092521	3770547	3287372	1743301	118728.3	654921.7
2114324	2385818	17931.67	18739.21	76311.64	798641.1	6127113	5432007	23740.05	779962.9
147168.2	66544.09	119443.1	124390.8	523538.5	69216.33	101845.8	137488.5	110416.8	150717.1
652767.5	507467.7	310393.1	341665.2	284363.9	654030.1	1068746	683228.1	216046.7	619060
92298.24	59598.99	30948	68579.62	53241.54	102538.3	350573.7	157031.3	27949.09	42704.61
393945.1	254269.4	51518.63	48118.02	130563.5	675303.7	656121.5	461439.9	66843.84	194237.5
3457972	4005855	452250	562351.5	9353961	2990524	10035460	10394036	166306	1925168
276096.7	157720.9	24590.88	21042.21	26307.09	361159.1	630730	162407.6	502235.9	117388.7
746702.6	407076.7	54165.71	311032.3	446220.9	2073921	1886849	1065456	252519	404250.2
222481.6	179897.4	35928.91	13660.4	218747.1	174019.1	427780.9	186169.7	22399.21	87213.29
201839.5	81669.08	183964	232128.5	194989	190715	115444.2	180557.1	175165.3	89464.51
263753.6	270111.4	163296.3	197101.1	220158.3	335848.6	116414.4	730215.9	139368.4	35165.08
497534.4	486108.1	55599.19	21108.6	235832.4	353501.8	1159715	679358.1	47907.12	77823.17
664920.4	421309.1	356722.7	499856	761467.2	736167.9	514304.5	630308.1	569792.5	157116.3
6459500	5940579	1383685	718394	22558613	3325259	15702969	15357063	21312.08	9006088
195331.1	140816	7148.54	8010.375	29537.7	388139.5	313816.1	309488.2	8453.788	96797.4
125750.6	43469.72	0	0	22391.67	623028.5	261531.1	170281.9	66595.09	108918.4
173378.1	96862.03	3027.929	0	25980.81	0	568157.3	270821.6	26562.3	174400.4
1191698	817827.8	247805.7	528578.1	549652.4	1958974	1584097	1068027	266462.5	923819.6

1451378	1097488	6008.954	2768.316	80727.68	1600872	3658628	1763625	731894.5	1587228
425661.9	368099.7	0	6838.977	19934.63	127623.4	1306468	855322.3	3333.509	115622.6
5048141	3408699	426735.3	315903	1320006	9765370	7862585	7104222	695886.4	2587345
645560.4	388359	63400.06	40325.2	177059.2	1307323	950719.7	994132.8	148886.2	358641.9
195161.1	152281.7	103514.6	100154	137802.9	954807.7	87147.42	107998.9	69764.52	199266.6
7007903	5493263	594088	562324.4	2246371	14339900	9237147	8269562	337717.9	2327831
1177993	813824.9	178111	39345.14	381983.5	1601521	2401973	1324814	213316.8	540132.3
10484476	8413091	277167.5	117823.6	1888328	12718759	24230142	20374009	2473311	8517606
89180.33	51434.87	36166.54	33369.35	46039.83	94462.79	162397.7	86569.37	18383.67	63570.31
11762357	7890064	1498469	1240221	3316295	19355199	20964338	11966383	1466423	6871409
81778.88	71805.29	0	4792.557	2611.658	438502.4	165588.3	151613.5	0	31805.28
400503.5	286519.6	31473.18	38424.42	195407.8	696885	620989.6	505597.4	22534.84	179693.6
5102425	5737954	1156028	1581907	1732037	4867664	9547816	15249405	1414983	2122068
890352	625166	178687.9	102821.3	561383.6	1323430	1424090	785922.6	84027.66	549499.1
198190.4	202967.1	83585.11	79466.08	179810.5	558573.6	372257.5	95132.08	5095.274	55200.31
1466825	984684.4	2663.464	3450.013	21473.6	259121.8	4755579	2402204	142338.1	745920.2
4356511	2461766	19315.25	15266.63	186548.2	8664386	7853124	6243592	784910.4	2761715
97629768	2.16E+08	73641595	38435412	1.49E+08	1101932	645649.1	1721652	203634.4	510878.5
1202929	731500.8	124210.9	60717.6	307490.7	2025670	2220910	1152193	218501.2	821486.9
133207.7	106775.4	20899.09	8044.552	70187.04	476968.7	321596.5	258348.9	9605.464	67948.22
358882.4	323979.6	2122.165	2623.851	60318.88	91806.69	1081589	647432.7	26142.55	343312.7
177538.3	47743.64	134436.9	221919.7	105173.9	141716.8	215733.3	228235.7	163961.4	134555
103099.9	66687.59	24659.56	44143.71	54463.49	48350.79	236966.2	144757.2	16537.84	116442.1
116134.1	93692.56	2747.955	0	14999.62	16326.54	365543.3	105618.6	0	70526.18
1420327	390662.3	1057366	1384122	1980455	1162893	972411.3	1178040	2036951	1101222
4241206	4482420	1525135	1137630	19066978	6324430	1780271	3891334	0	3167565
630528.7	235420.7	424500.7	381238.5	466203.4	448673.4	1071697	672101.7	495941.5	798348.4
1169147	1461704	21571.21	0	10538.44	969530.8	2965752	2041322	11395.99	201351.9
913459.8	687460.4	41493.03	97369.57	488894.8	3943462	1751755	1533650	47009.74	341931.5
13841049	23416511	1078679	35296.74	787235	35479967	4718335	2077159	2752383	5723491
2373809	3852390	1130660	962956.2	1231112	1638123	2989078	1904715	842923.5	0
23080472	11974186	3632796	1603964	4037776	49803217	32179329	39433407	9040220	16417728
481852	388764	68164.68	362489.8	249024.6	1184539	1184503	248874.7	73050.39	292887.4
856475.3	868271.4	176360.1	52083.64	460906.9	1458703	1108756	1547087	16923.07	175398.1
563193.5	460606.3	174851.4	791872.5	315677.5	1585532	641313.4	1180650	27487.28	204059.8
2348468	1346718	1133768	1000992	1671453	11270286	1285132	2538124	110591.6	2295397
108237	81908.18	36025.91	8471.756	26321.32	241949.5	422678.4	218620.2	18345.19	39442.27
256579.5	96221.19	199653.6	258224.7	243329.3	329399.3	365651.1	328449.2	169176.2	152859.4
196111.8	134096.2	72266.31	56052.46	75701.71	589908.5	467782.3	225535.3	45343.73	66446.01
85229746	73418620	9065102	165544.6	278638.2	698543.6	2.77E+08	475832.6	29785208	76587006
16357845	11929680	2364589	544843.2	10790888	62509176	33681601	36774499	5352892	12232554
248791.8	209868.5	37263.05	34486.63	101696.3	91787.06	653918.2	34591.18	66372.82	292453.9
117127.2	71000.49	26120.64	11627.42	89563.62	317787.3	301699.8	131961.5	11868.23	83337.84
733340.7	501569.4	55751.12	28795.49	172396.2	1551096	1038021	680267.9	147521	489715.3
553593.5	87801.44	379239.1	287753.3	566457.4	677724.5	666648	613606.6	481421.5	557373.2
466256	77771	367895.3	457036.5	520461.9	591416.9	503311.3	470153.6	387811.5	422031.8
230373.6	95665.17	2952.062	0	55628.61	609385.3	215184.8	371331.6	150324.1	142834.2

4558670	3103542	1204877	1353143	4189994	12561326	9176260	5853576	503153.1	2097758
158139.6	127009.5	19581.41	38186.5	64675.83	578417.2	359738.3	150793.3	8810.65	60532.76
1061284	605447.2	364044.6	138430.6	607324.6	1242931	2019764	1058231	213829.8	777556
439886.1	329581.7	456366.4	520046.2	78470.49	899949.3	673453.3	375317.5	32779.87	254133.1
3633643	2554230	708594.6	346998.3	1164283	4354850	7707682	5062459	637271.8	2248923
1326738	1775193	101807.2	73090.8	79917.97	220766.3	3829998	4443179	425506.7	888265.1
727319.4	394054.2	136947.8	198257	824459.1	1952704	1368204	1056047	144538.4	497051.6
884307.7	1308539	72628.17	2831031	2073805	1034832	118261.3	95023.29	71530.25	3137439
227624	64787.25	196605.7	272999	242611	146183.4	202123.5	266389.9	153454.5	165716.5
28608196	18743938	3125517	2106887	9018602	54344763	44555726	50824065	4505511	16253743
8444482	11832086	4025724	3577103	5760344	394375.8	52755005	4844192	0	2499633
253764.1	204535.5	96603.77	62793.51	130374.4	998171.4	409945.3	417832.9	31422.64	95596.86
256752.6	281499.2	2912.832	2395.372	57910.41	488584	1360094	160911.8	11522.2	475434.3
2666959	1546402	3217.655	5364.039	81710.84	5262205	4915455	3670741	433471.7	1647546
927132.5	1420358	146773.9	4420896	1521789	454970.9	281470.3	80136.58	253651.8	3455022
787758.6	552136.3	121717.7	23146.59	113927.4	119518.1	2420888	1439352	261650.7	433326.7
482451.7	474334.3	11605.08	12317.49	21384.88	1062372	656712.3	484625.6	5145.844	54843.46
14489006	23432168	152191.4	40903.41	1051586	1834563	41071622	55946026	0	4879869
781363.6	545906.8	160728.5	168064.7	348258.7	2911982	1603292	832910.3	71678.68	421219.3
448911.9	285142.5	63491.43	12479.38	144087.1	804144.6	757448.6	478711.3	54363.83	302385
508765.4	299047.2	44987.75	808281.7	116440.5	1139836	1002155	716909.7	66792.71	330533.8
153693.8	146012	85011.67	365042.8	265608.2	105978.8	127544.4	86342.86	69939.8	413496.6
4337150	5974821	3597.131	4662.898	0	556730.1	13169992	14346601	0	1997585
59315.21	57225.57	3462.239	3291.698	66543.56	189971	128062.4	55324.22	0	23160.77
2298063	2168472	530303.8	254208	1136766	2605316	4341989	5846968	247606.6	1485257
1927315	1256514	739398.7	165739.6	376428.7	1106897	4991433	2702072	832310.8	1001143
90932314	63917008	3387477	1722405	19180965	1.18E+08	2.07E+08	1.65E+08	27014741	77913232
1.03E+08	1.55E+08	23274345	11920740	215326.5	3.28E+08	3.85E+08	834126.9	110698.7	1.64E+08
229784.6	144851.8	187174.6	197252.8	167829.4	307467.7	472110.6	178283.9	196629.5	126700.7
24024776	16171261	3420324	4214713	13318766	40363398	36127637	35027500	2466203	10749641
2331102	1109268	545803.6	2302057	1547004	7693850	2458377	2446822	788437.4	1707770
125145.1	101253.4	50274.74	48563.46	79033.61	366815.4	247499.2	149181.6	4623.377	60809.71
13570827	8474494	1184745	858889.2	3579734	26063204	21978540	21092291	2031012	7234888
1688278	842196.8	13598.21	3182.429	130041.5	2545276	3852338	2203789	851614.8	1976952
286308	40356.62	311783.8	436966.7	186789.5	381040.5	223174	265561	338005.5	243145.3
242908.8	184809	30526.81	0	36616.24	426994.6	443930.1	268126	4326.526	115723.2
4902564	5404381	61897.63	61500.86	1638596	3009232	12625524	13814449	382940.2	1419838
82152188	80100781	3672446	1856626	6626672	7491512	2.59E+08	2.18E+08	29915170	54446916
76692.64	55210.06	38660.03	29429.74	51762.06	151640.5	41411.57	163025.7	11817.34	63389.9
935271.6	535265.6	0	2521.525	18376.18	1872435	1718030	1408281	165469.5	595011.6
185012.7	132057.8	95697.46	103319.4	103359.3	234119.8	243718.5	371485.7	136487.7	39973.59
372307.3	258514.2	20263.99	41714.72	62935.49	797998.8	524734.3	496653	30961.89	165845.9
561992.6	396323.7	74282.89	22304.7	157577	1017906	940910.2	639601.6	75965.34	266991.2
96749.77	34132.03	116820.5	62949.97	143679	88152.51	115459.2	115948.5	125937.7	41673.32
300603.9	294997.3	9669.524	9047.362	22631.67	126780.6	881950.1	574306.1	27937.09	170665.3
1621683	1246198	42942.5	11752.36	286984.2	2039715	3774513	2819049	369126.6	1373247
402370.2	397559.9	17420.95	4613.887	38468.62	536379.5	2525526	1077635	157868.8	448670.5

2.83E+08	1.62E+08	36770814	18025808	1.02E+08	4.82E+08	5.01E+08	2.7E+08	63699005	2.19E+08
2051659	1267306	466160.7	336366.3	1062632	1939040	4461303	1781096	507809.4	1392128
922400.4	616465.1	50752.98	35112.01	85715.26	2772254	3372145	1458760	227362.6	709775.3
738539.4	599017.1	85246.49	48483.11	236857.2	3369188	1431245	552544.3	36540.08	386950.5
56276385	69616596	267394.8	335035.2	25574706	5349415	1.58E+08	1.22E+08	0	4889545
5374508	4187042	7973057	3565737	7152908	8429216	4252883	11078951	119553.4	7455472
71800.34	48910.44	29427.07	32673.79	45981.57	159033.2	173877.4	127707.8	28194.24	29607.75
2.43E+08	1.45E+08	63712785	65907141	1.96E+08	6.88E+08	4.99E+08	3.16E+08	42062299	1.41E+08
50449317	1.04E+08	29323910	16423816	1.05E+08	1791356	2.32E+08	2.36E+08	896003.5	5230011
3832299	3753069	1485147	1901360	14154553	258266.7	7914690	9920375	4393553	808817.4
3023098	1377260	1096541	4921758	3715619	1950706	1425063	1645077	3418421	5208563
16043157	13264126	13048517	1879975	5754278	26469092	17604100	34050046	2346513	12241928
436361.1	244015.6	468343.4	688374.6	542848.3	522777.6	236289.8	287519.7	318315.4	270218.8
720249.4	922737.9	9648.055	7735.047	34658.34	1203024	1275136	1474985	18133.29	77492.24
303733.4	281039	63391.73	59104.46	94302.62	1256791	607968.7	219319.1	30109.66	69191.57
179602.3	114317.1	106540.2	75205.95	284426.3	517541.6	119180.6	234836.2	76140.18	55137.72
728081	821360.1	33642.99	0	256257.3	1636686	714086.4	1259251	70078.68	129139
3525474	3453522	100254.8	107589.5	2706870	1811396	8366803	2014025	219598.9	1007101
2880685	3800960	45975.42	39345.12	62516.56	3943728	5905124	2518686	54635.12	976362.1
93381.68	89894.47	24107.99	6653.981	37123.67	27267.18	246036.6	208500.1	3701.522	52270.38
169576	135120.6	26196.03	0	60899.07	9923.14	509330.4	338905.4	46517.3	28656.89
428663.3	271456	8068.928	12327.49	81298.35	547096	1008170	653038.1	155231	404691.6
870952.7	744566.5	69058.43	132973.2	430740.5	4314458	1243694	930374.4	23179.07	304431.8
1197047	798314.7	117849.3	69247.95	446708.4	2485897	1620100	933599.6	257945.5	774091.4
454526.5	431533	0	0	3387.543	462714.9	1178574	965143	62599.7	367456.6
1.71E+08	2.27E+08	7976970	4844717	11650272	1.28E+08	4.3E+08	5.52E+08	557734.3	2.01E+08
6343683	7756331	336623.2	210177.7	190612.7	3508867	17447259	19355414	21297.7	3375415
308738.5	225100	185300.9	221923.6	173385	372894.4	358393.4	574590.6	55075.4	110758.7
2745339	2556466	32027.58	59290.74	2338003	2965026	5207341	3676529	379431.3	2245373
818443	301823.4	310113	187462.5	305250	619012.4	1929292	961379.7	923278.7	1038027
332799.4	318222.4	28840.9	45943.04	58193.98	503650.7	627379.5	713893.2	47927.31	189553.8
1047827	698423.4	61611.95	49080.83	228538.2	2122439	1647785	1582231	125237.5	487647.5
533908.3	305667.5	3007.891	2492.472	72784.42	854375.8	1149650	696277.8	285661.2	654356.2
546668.6	482401.2	167562.8	100513.7	340251.7	326870.7	1190911	420764.2	127614.9	209087.7
2937149	2877267	503456.8	571832.8	1413724	3525953	5344701	1507296	133412.5	1087093
48849074	59816072	89554247	57267929	27308183	1000111	1.45E+08	1.5E+08	38357055	3682049
97260.54	43900.07	54574.47	80869.31	70722.56	148129.7	79273.14	59639.87	50355.9	93547.57
690880.4	410317.7	29939.89	7271.675	129455.6	2346348	2149072	1120329	100337.6	690542.4
497980.3	306036.1	192055.7	263323.9	149188.9	777852	1841784	746593.8	143101.8	189526.7
156754.8	105718	2784.809	5164.384	42654.92	337373.9	224450.5	162793.7	11381.36	104404.5
172898.7	43055.13	157038	77410.9	153270.7	256401.4	148720	212233.6	144480.5	168628.9
196831.4	134596.8	7624.029	0	15017.2	379995.3	358539.9	245566.7	15735.98	98078.08
44336.58	34909.99	2078.64	0	2875.641	148629.7	151408.4	60279.17	26579.57	92657.49
2350219	1439793	52418.2	30788.67	326265.1	4777252	3996516	3257312	326070.4	1328822
209517.6	181722.2	21214.51	8923.706	123963.5	269125.4	396375.9	441205.3	3950.545	46457.06
11975105	9177458	2681088	4608115	9007575	42035535	18852640	12558592	1292801	5093443
506838.2	469555.2	147875.9	124804.6	349843.6	2002112	760153.4	842393.3	65221.81	238009.7

642354.9	454406.1	155680.3	40867.87	255859.6	2511133	1330765	522616	64081.34	420631.7
446651.9	402491	2396.987	0	38955.57	519530.4	1093675	613678.6	114914	397780.4
136055.5	93456.28	52552.01	27996.11	133469.7	70282.01	271381.1	198301.4	0	79722.09
186184	155719.1	6321.636	17606.97	43744.74	431038.4	211641.8	338190.7	0	54444.72
1075984	722278.5	126157.8	210975.8	475033.4	3999575	2292142	1074945	130907.5	683300.7
119504.2	85745.45	11018.38	16634.62	2921.446	54482.57	352354.5	137847.8	12502.84	80514.63
104698.5	91256.94	0	7315.683	18050.08	202395.8	172026	220335.1	0	25965.53
54815522	39740400	6161833	3944729	17778174	95134371	94317149	35198103	11201227	48595431
514682.5	92063.26	574878.1	655375	443417.9	647226.3	391750.6	526391.5	421156.6	423567.9
427900	584494.9	5637.963	93138.07	771143.4	253728.4	403369.4	1449257	51893.24	111678.3
10905538	9583596	24075.43	0	186438.4	16490721	24119329	19237352	2633362	8270472
171979	112299.5	20704.15	27277.82	200564.6	516863.5	314731.1	227693.7	13881.75	98853.34
40182260	39840936	4843237	2116634	37821772	25701561	82972816	61615442	369090.2	15957680
4433733	3657729	350170.1	169577.8	1674785	3759220	27939010	2727427	1429082	5115818
26959017	34033090	18989268	1746283	24791083	998268.6	51478950	85609244	74882.64	13334188
322347.5	187321.6	43738.28	23670.47	167991.4	191803.1	831463	261476	158352.3	183088.9
1722846	2886415	0	0	0	1048798	4382526	6803960	11797.61	0
1030685	929628.3	0	27677.13	1757398	525596	1678791	2621150	517367.9	560769.8
741943.4	427267.9	84888.46	75380.22	236408.1	1528099	1059973	1004655	148968.6	445610.8
828055.5	347416.1	220607.2	96787.2	804100.3	250777	1974712	1061696	324344.8	952313.1
1606633	1681051	0	3815.4	0	17154.72	5333897	3985516	134909	922916.7
301544.6	268001.2	13274.19	15528.04	117666.5	615367.8	400660.6	286309.5	9623.34	107600.1
42017921	42190149	23789061	15971542	61916327	12541573	51852609	1.08E+08	584082.3	56807726
370157.3	318759	0	0	11632.77	8981.944	1242512	478037.9	32513.63	186375.7
4339801	5886759	1556612	1376960	2579029	8723560	1296389	3782483	6491.938	701385
8612150	5505610	713487.9	515025.8	2187495	17167502	13633991	13458165	1308546	4114605
118576.3	104117	0	0	3133.277	0	399796.2	253229.6	0	52574.23
473491.8	237787.3	138958.1	49224.54	401481.7	1089871	1242348	445827.5	246447.6	542868.9
387954.4	277849.5	32873.61	2554.8	114708.9	711298.5	668318.7	347593.7	31291.48	266770.5
2565430	1784506	2017332	225856.4	664524.4	8287623	5173399	1466197	563169.4	5280527
384748.1	156056	302292.7	278618.5	299853.7	511801.1	363735.2	332216.9	364051.2	170055.4
448722.5	304496	65269.25	54337.92	197209.3	1436450	1164643	636181.2	82014.95	237454.4
1033513	1090212	226096.1	154773.1	470906.1	1725055	1397559	1597701	150451.1	377746.2
307695.9	261084	3383.575	5270.126	7663.61	395938.2	741849.1	548438.2	74978.2	274862.3
246819.9	198462	16022.2	44962.09	27804.75	765648.5	802036	346763.9	20659.59	121789.1
2598237	1687559	209384.4	113009.4	689500.7	5185526	4117299	4036664	343494.7	1257388
1373604	705206.6	1350528	1996394	1674200	1749687	856104.1	2315633	1192196	474853.2
370994.3	342529.6	30024.26	12138.17	42489.41	116590	1117703	878218.5	66404.44	328137
561206.5	293571.9	299723.2	364970.9	318465.9	1320849	1008247	880467.3	221496.4	280452
58248620	34052048	7342766	3338823	20695668	1E+08	1.04E+08	55227823	12562955	44352037
348054.2	301763.6	39935.78	7458.472	16284.09	82691.08	1085796	802248	123372.3	234949.3
308153.1	156076	178623.9	70615.46	244211	815072.7	545160.6	399180.5	59502	254971.3
634262.6	456672.3	193090.5	337322.9	454395.6	1643757	1252052	853515.8	62811.08	224189.2
593783.1	525321.4	255688.3	300120.1	322284.7	1583498	1246525	802722	89685.08	250759
303348.3	274347.7	38889.16	33493.36	22976.72	220694.9	808389.7	542682.1	61354.74	183018.3
1458466	1017543	288373.2	207112.9	973757.2	4512274	3315913	1118969	231834.2	917720.7
468460.3	368046.8	41814.67	27836.15	44848.98	1048697	642888.5	618308.8	29175.51	190507.4

611447.8	454638.8	54257.04	45326.74	258839.8	2310976	1401388	777554	16370.08	256218.8
4899301	4640324	866728.7	157177.8	1319776	7581501	8953579	10163001	119901.6	398718.5
1059786	642914.1	198656.3	81413.44	408231.1	4094512	2223316	1534512	166316.4	587347.1
1685516	1196739	306889.6	296225.1	405384.2	2181884	8796193	2193016	650934.4	3090062
179916.3	121653.2	2459.31	0	12449.9	189028.5	477549.3	233339.1	8777.39	115582.9
523640.2	274143.1	296393.2	41906.22	576170.9	269043	1015720	786898.5	309766.2	607064.7
619147.2	533389.8	0	2915.386	15967.22	1715427	2571788	1075259	72453.54	384876.4
1526100	1823050	251794.3	287930.3	87898.45	2100139	2887678	4753876	457196.2	467335.9
4957512	3567769	666694.4	851198.2	1478759	5882160	10810169	6852850	476912.8	4405240
548864.5	299790.4	427956.4	587098.1	514881.5	940794.6	596717.4	660523.9	348410.3	139508.9
7306609	4803625	343674.2	241266.8	776379.9	4249718	21530517	14392740	2169305	7068591
1447970	848178.6	89119.87	56334.67	1774210	549649.2	7970082	2648303	911797.2	1232005
853342.2	562767	81894.74	63105.44	468132.4	2624487	2275997	1466182	39633.84	544348.9
1678533	880622.4	492563.2	366950.2	999647.8	1411588	3673013	2223390	399375.3	1689960
3110467	4669841	87641.01	22374.52	0	4532097	5950502	11202282	30983.6	0
246840.2	182863.6	117202.1	142079.7	419077.5	248586.7	104552.2	463540.3	172144.4	94119.87
265853.7	247907.2	104501.5	35798.37	208660.8	1068211	350116.1	623154.8	8369.016	55226.34
130453.4	127489.9	27939.91	39182.27	46228.2	334758.2	405293.7	87144.01	26243.93	117516.3
1038702	166520.9	821049.2	1052558	1348553	675524.4	1021893	1268277	849525.9	904668.6
242436.3	154861.5	42097.57	183095.6	103663	593835.3	563648.6	216293.2	118667.8	75111.82
458867.1	227037.6	218777.8	830919.6	811145.2	419050.9	337427.2	220729.1	600730.3	778908.5
463817.9	335057	128005.9	83725.33	216339.9	1899457	750414.6	536686.2	46029.07	188019.6
5158332	4740382	96157.39	11150.81	374694.5	6619127	12239378	9433350	758790.5	3118457
139226.5	114521.5	26923.06	3328.546	84239.05	312619	119368.4	328510.7	32420.01	123488.4
2416119	1621778	453399.4	582047.3	1644266	5596470	6875272	3995011	336967.2	1089054
1637871	692228	1048417	504484	1454722	4019321	2570554	2325711	618762.8	1528550
88305.6	47917.31	0	8751.958	13043.49	90323.52	231085.5	109684	10580.36	83788.14
1.71E+08	2.67E+08	431101.2	72199992	500505.9	2.3E+08	1E+09	292001.5	245688.6	2.42E+08
5508856	6440202	530322.7	427380.5	408396.3	5276283	13295806	16145522	3661.492	6075117
1045933	1016534	304064.9	174288.8	911760.1	640723.7	2068670	2822153	923278.7	322479.7
889885	871993.3	48781.15	11001.59	145030.7	258467.8	2694242	2362484	309075.8	392753.4
359427.8	198100.8	134579.3	128320.9	110750.8	486885.9	651941.8	304378.8	184789.7	185253.7
4310478	3380818	57189.78	491086.7	799603.1	5191334	10125964	8542256	1100091	3616324
10025924	11251116	6975097	3894288	15359685	1848481	10809752	27320864	231901.3	15349431
1116253	712266.8	372249.5	81394.77	464356.2	402774.1	3006885	1721619	402586.6	750893.3
936838	472353.6	246374	120407.5	958951.9	747839.5	1862317	1384024	629874.3	1125703
447666	263318.4	63495.89	52501.13	249190.4	606318	870433.3	481291.6	82619.72	375599.7
216794.6	177078.5	1963.859	6385.644	5764.896	290356.7	518837.3	366576.6	4671.343	138813.1
1101257	960938.7	22604.8	13022.14	62223.77	242124	3538769	2495624	336083.6	800152
3043999	2122541	97061.29	38485.94	496200.1	8867406	10929916	4695945	730798.6	2387067
1141687	1024610	45464.45	31691.12	358105.4	1405347	2543503	1454049	172624.3	884396.6
1351650	857715.9	210184.1	215379.2	461945.9	5027117	2931490	1869316	166085.5	1051246
537807.7	786361.2	411685.3	243834.4	725832.2	199043.5	369857.7	61939.07	70918.06	402241.9
122005.9	88765	12630.12	4342.86	27672.83	231426	206994.6	147081.5	20260.02	40165.22
405283.8	193803	15401.04	9743.049	121343.8	1219011	1284865	596389.1	320289.7	282894.2
516488.1	516458.7	26044.69	5924.349	555903.3	444840.9	2628047	377672.9	33639.31	536443.2
1039132	686631.9	496087.7	256433.1	201807.7	1935166	1395150	2040240	276692.6	607207.1

24474876	18543881	550720.2	279186.1	1594856	44822090	47647080	40804109	5344790	16887412
201282.9	125347.6	64568.83	7925.975	117103.6	92250.81	513275.3	235768.6	0	211231.3
676364.3	500645.9	3128.023	9286.707	11111.46	40566.53	2301289	1198423	13153.59	375285.4
297740.2	354443.5	1026656	326310.5	55563.05	300424.7	232007.5	250710.8	916604.9	42892.58
546402.7	394310.8	72001.74	64555.03	96136.6	680066.8	1241447	718462.3	147265.7	423241
43804566	28168703	9030660	5986637	31227393	1.51E+08	81882400	33078778	9723935	31200238
835412.9	1294154	288358.6	81658.5	171951.9	1095342	4575464	3135236	74440.99	424354.6
1595212	1306150	0	3620.61	14123.44	68643.66	5442949	2964740	89769.73	621355.4
13751559	19711964	804511.3	620426.9	8254291	478778.3	36501488	47440992	4433.615	4131003
2210865	2084594	52877.08	91248.13	178413.2	256975.5	7150493	4112202	37906.65	742366.5
218629.6	158141.9	29204.32	21461.84	51242.56	432759.3	337279.2	190271.1	13326.27	160096.3
150073	153126.3	48354.21	60063.78	60376.66	210782.3	215098.2	203849.4	24429.29	60484.2
3638962	5723745	0	10786.83	0	1903014	9968939	13427426	0	20183.77
8219669	10048511	6342444	3970839	8180250	4888459	31041201	4739068	441520.7	3666044
1066521	579128.9	143210.1	72475.27	406092.9	1460326	2261886	1469370	325561.9	813983.6
395775.8	553380.2	73860.18	116291.7	94439.93	750804.4	389197.4	1369481	127308.9	68177.99
344756	225279.9	38193.17	27721.94	19654.3	463624.6	805232.6	662291.6	163212.9	458029.3
139257.6	111323.3	2136.569	2681.949	3822.429	401757.2	538127.9	244287.8	6031.049	73717.73
92151.62	112504.1	107091.6	59661.52	76216.69	81528.85	258014.7	267729.1	0	12829.86
2.18E+08	1.99E+08	24407891	5208779	11705482	66858583	6.73E+08	5.59E+08	1.23E+08	1.53E+08
248558.8	257621.3	74169.26	36736.94	101978	558837.4	179158.3	537606.9	5860.47	19387.35
785646.9	596705.9	143406.8	441252.5	430151.6	1368604	876547.6	436221.7	122254.6	856120.1
3392351	1744987	898592.5	852183.8	2880447	2056980	7442128	4181136	951487.7	2819136
1185638	572736.3	302790.7	72274.95	427772.5	2311015	1798095	1043069	432000.8	933015.2
279565.7	209450.7	13855.64	10938.83	128600	871483.4	797056.5	260106.9	14924.43	150330.7
2789736	1866306	633875.9	648662.7	2230716	8970343	4986713	3682124	390062.6	1301503
460689.3	406664.4	691943.1	543731.5	634964.2	655924	179633.2	742922.6	0	61736.66
698454.8	550530	39115.53	22452.55	10577.47	2305274	2325408	1489685	106162.2	278687.2
911851.6	911961.1	0	0	11087.85	555764	2701633	1623561	18094.27	885811
3816584	4648827	19353.67	71076.29	1463675	6038960	19932728	1022461	269252	3235328
6488990	4880732	635105.1	284767.9	2209365	13458037	9218104	12946490	598783.7	3277011
115318.6	109217.7	20582.72	6074.781	61541.11	478278.3	208104.6	224946.7	40434.11	61168.8
542717.4	467925.8	85738.92	57162.29	123999.5	127385.7	1604209	1279343	141560.8	500567
45242028	34458076	1202977	849223.1	3974041	75091224	95085138	83711925	10806039	29335593
6725884	7824220	846918.6	925519.8	4346372	2246202	16406589	18341499	250814.7	2940784
93451.1	84342.99	0	0	27644.43	502834.7	139974.7	48712.07	0	52993.3
3230438	2734366	356490.1	190893.5	924002	3405748	7655452	7402741	542293.1	1088482
476669.6	141310.3	37682.15	11735.05	163153.7	1898507	1019217	649154	380166.2	295786.5
302339.2	313232.6	248033.8	159475.8	67567.75	540448.5	180361.9	850104.5	147709.9	215675.5
700929	468903.2	59165.18	53603.88	39568.63	1204553	1418394	1140758	40258.46	453597.6
10029762	7006698	854746.3	563466.5	2688256	23106655	12477691	12978372	1435199	4301221
848995.5	735752.7	60663.4	34212.04	358352.3	265037.5	2435450	1242115	21966.74	143507.3
119277.8	62615.55	73788.58	66897.86	76883.67	235119.5	239192.8	142013.1	42303.61	63492.78
211155.7	173948.4	12249.28	31429.88	81238.55	722769.4	533987.8	281599.3	7744.338	56582.4
1744443	719636.8	550836.8	277799.4	501050	9599809	1425608	1813722	698817.3	1443675
349051	192332.8	295462.5	39380.6	251058.8	854005.1	634494.8	354031.5	273653.5	69386.72
708686.1	702163.6	9499.033	0	84202.86	77920.07	2304612	1863290	119393.4	297379.8

1.29E+09	1.11E+09	76463220	41746656	6.87E+08	1.02E+09	3.15E+09	1.53E+09	1E+08	2.17E+08
209101.4	176676.2	101104.9	135232.4	103119.4	105209.4	971792.3	505034.5	35466.05	173835.9
5514914	2729350	3063218	4398543	4011899	6403726	6929600	4809210	1898728	4550540
724637.6	647342.5	0	0	6215.055	1029977	1707980	1805621	124535.2	442855.7
149513.1	120854.8	0	0	23449.81	443820.1	85389.94	216396.3	0	43256.81
210883.6	118387.5	160267.4	155275.4	120067.8	174936.5	321119.1	263243.2	68893.79	178907.1
32847789	20184404	2844773	2150121	9135807	73211874	44512436	43025375	5203801	18115437
8554180	3983887	2951092	1746751	3146150	43437416	7677115	7744913	3388854	6824554
78400.58	57059.88	4255.699	0	3346.603	13461.41	259876.8	108764.5	10739.31	45030.27
9427652	7214209	899740.8	534689.4	2683535	16934669	16526171	5762804	1509953	8303349
33777714	21744804	3388413	2125255	9596894	76637225	43402113	44346630	5221751	16711058
155824.9	129461.5	2405.869	3654.577	4739.825	27437.66	514878.3	221501.5	53536.98	155072.9
686858.2	495670.9	86598.95	27524.4	216711.7	1153991	1273469	1102228	19318.59	364970.3
1340089	1165138	560082.8	3417296	2044713	1157967	922922.2	704170.7	841691.6	3420383
109079	117612.9	4061.929	12709.59	6864.513	231910.9	154277.3	196270.4	0	8166.186
155531.4	132481	45233.84	26569.34	107147.2	420470.9	376904.2	106546.6	12728.5	77129.52
200349.1	145595.8	7227.388	3047.762	40387.12	430392.2	308971.6	300772.5	19512.58	79680.33
1549235	851872.3	917073.2	578963.1	896179.4	1668055	2661741	2525159	477411.4	1764317
3948159	2320177	418497.3	158279.9	1371059	6880556	7261178	3878591	644845.6	3063756
1269338	908106.2	10223	0	17140.14	0	4428586	2259225	32595.01	698106.7
298854.2	313917.9	172203	606973	455420.1	355484.8	215715.3	137974.3	159130.7	851528.4
6233745	4195170	846667.1	718185.5	2294083	12151322	9355073	8254647	514240.5	3122620
1267134	1307778	346355.7	47406.99	2866344	319960.6	1262520	3482349	228108.6	492369.7
344761.5	83596.94	334830.2	454170.6	367533.3	353482.7	300789.5	258258.6	318020.9	329793.7
418497.6	270783.4	83670.68	108424.5	91085.4	663351.1	771490.1	639483.7	36638.16	230966.6
408558	372735.8	20421.57	109487.3	92503.62	287218.3	1050829	694718.8	67319.32	219542.2
159431.1	93062.93	45047.52	110168	167038.1	276810.4	324802.6	280953.5	39927.69	102049.6
572128	351748.2	56665.74	90227.33	57260.54	1504126	536375.7	1100187	190907.2	361803.8
19990057	23660561	711537.3	473446.7	842795.8	24404300	46742803	59213761	337035.1	23350955
400848.1	269479.8	37412.43	12427.46	79410.88	835987.3	636027.7	652561.9	53650.53	170385.2
163452.8	51733.42	155214.4	214390.1	34326.59	196366.8	142563.2	228758.9	155941.1	122219.4
144242	124175	5038.56	2150.798	52813.52	833750.7	153594.4	205733.6	12885.03	40836.07
577422.2	370221	191902.7	136505.1	783702.4	228871.5	1070249	1092051	186968.1	391323.6
37869984	23910382	3585383	2244552	10647518	84741305	50993809	50190395	5964092	19426772
318179.8	461365.1	98012.61	116947.8	140201.2	658749.5	129897.3	203234.1	44156.41	92528.29
1250049	777934.2	76295.75	31089.86	221614.1	3884731	3969658	1896037	263475	1093228
1020030	748813	165999.8	243435.6	984700.9	3613324	1456814	1134699	81440.58	504855.8
6196011	3497408	894520.9	400536.1	966773.2	14190310	8482812	11185828	2258305	4182648
4755457	2349152	5141051	3381637	10741360	1825437	6198821	8494497	4172242	5416896
2196118	1663712	244676.4	189001.6	821151.3	2191223	5247352	3935474	525904.8	2272260
66311015	41339056	52754.06	75272.01	297654.1	1.45E+08	1.15E+08	85615520	8876543	38032625
180904.3	84755.97	148734.3	155261.9	85113.47	290280.2	340713.8	171913.4	104424.1	114324.8
158656.9	36186.48	165751	154208.4	135754.2	200639.5	91137.01	200935.1	154566.7	122282.5
82144521	89681365	52568843	31330820	81593086	33876888	1.27E+08	2.25E+08	1094158	30531380
90660.45	92147.44	24176.28	27537.83	173451.1	79191.88	55060.69	190166.1	30770.76	42174.7
247775.2	239829.7	14828.99	0	43799.79	466077.1	430415.7	515297.1	11308.21	27366.94
292800.6	34686.28	245340	287363.7	286514.7	358982.9	333477.8	309707.7	313425	280386.4

310782.6	344493.3	9692.849	12424.22	27003.35	422916.1	690277.6	371913.9	12673.79	224545.3
717108.4	490081.6	126612.2	42138.81	247994.7	1103556	1396212	901264.9	58369.44	406901.1
1654674	1450779	146581.9	34702.35	302433.5	929669.8	4766773	1443610	309565.4	700664.3
538488.6	433445.3	17933.51	35518.94	31620.63	1001972	2655811	694846.1	38343.23	457799.1
435701.3	287317.3	40594.8	38844.99	35887.6	441278.6	1146096	818455	138255.9	347999
588399	388793	116277.9	153016.5	330106.5	863618.6	1002805	786429.7	74963.37	304718.9
5529398	7869307	1779552	902175.2	2391601	11852632	3056599	3370687	883525.9	1897417
267401.2	221961.9	0	0	0	394673.6	632754.8	445880.1	6163.564	272405
352302.3	337046.7	15450.67	13138.12	37477.88	498896.9	786120.3	386446.2	40052.93	308032.3
31088925	26626401	32428715	15248791	78075358	9629269	52536735	68261502	1435226	47829146
49301.75	21779.98	27349.95	38699.68	30321.94	56215.54	70127.71	56936.88	38741.82	23863.92
530864.8	802188.3	145170.8	622945.3	133540.7	879255.1	128766.6	1950918	94094.25	93626.88
2014248	834677.1	1023458	1095408	1571391	3128912	4798353	2793863	770528.4	1635503
11728012	13791904	2665993	3753183	4071588	11696131	22805872	36031707	3363076	3342206
305238.1	183934	84091.41	61217.25	170767.5	819473.6	743328	454649.6	43231.86	198008
3.15E+08	3.17E+08	2.94E+08	1.58E+08	7.17E+08	1.21E+08	6.33E+08	8.35E+08	2243935	3.56E+08
216972.5	191267.7	0	0	4818.731	228218.8	584848.6	473018.3	72711.33	355770.2
3708534	3241513	12416.71	4628.73	289956.6	5949091	8075837	4476479	71663.8	793261
214793.5	110798.2	45750.89	19348.64	66470.5	283930.9	469866.6	208883.5	38643.54	221788.2
286919	207286.5	18111.74	22004.41	72697.81	890875.9	857079.2	401657.2	19238.14	178506.8
666316	430620.2	87445.24	68786.36	351366.5	1877296	1808635	930182.3	73472.34	380503.3
926238.4	712676.5	240980.3	493160.9	852211.5	3670734	702702.2	669570.8	141546.9	532086.2
3410911	2502769	2930.402	0	76034.31	119840.2	11908027	6216351	69904.17	1912856
48538.69	45240.79	5088.941	8305.826	10493.49	74645.7	92796.08	16774.52	0	34143.69
461071.2	456515.1	0	5365.93	28761.13	350644.8	1315760	679564.8	5188.978	76583.72
2127377	1316670	455203.7	415996.3	953777.5	3664210	3409309	3235006	368185.1	1081304
709833.4	508063.7	58911.97	34648.94	320038.6	2885293	1366991	684606.7	41065.18	411000.9
6315101	4343663	830523.3	321980.5	1680123	11483949	11268218	7568957	811076	3289000
2920124	3095358	1783662	2755933	798954	4033969	2418990	8173280	2089256	686381.7
10327278	4579741	3134011	5417036	9208322	12628196	15569351	14517077	3312056	8762849
3167577	3427789	62406.79	54221.35	87549.47	421855.1	10439262	7613844	0	1429707
314547.4	242928.6	0	4788.475	0	375614	826762.4	654692.5	86352.93	190963.8
3209463	2069653	847703.3	389820.3	2118403	4123871	5976988	3601329	470737.1	1735507
9200302	6170341	1486303	511475.9	3004916	14437896	18070753	15663179	2000512	3564138
1425572	991620.6	164454.4	123403	167443.8	563616.1	4357427	1609145	8913.012	1019336
244401	393014.2	64546.39	61705.67	50640.8	492872.4	186753.7	92334.2	10490.18	43980.3
487528.5	538487.1	81807.64	90005.6	194416.8	981226.1	1881894	243214.6	62978.24	149825.9
18759891	11598955	1864375	1342682	5625749	36128427	31669539	29788468	3032765	10728237
510420.9	323716.7	110268.4	97858.62	294874.3	1010863	1675681	575163.2	55191.64	348930.5
3007274	3585571	1068260	1109466	5057041	787913.9	3627433	9363218	2140494	903865.8
23115145	21467958	300270.7	37324.95	910980	3171010	77627994	55541342	2582039	12900019
6398223	8910473	6057444	5986338	19034790	1491486	8554307	21841054	58181.1	6084227
2249835	2149839	756167.8	519505.6	2068388	347250.3	5141326	2185280	1724405	1112113
184671.8	163287.2	2924.231	2588.639	6504.668	122671.7	551260	287224.7	45281.1	157386.9
326083	179587	232473.7	155160.8	322664.2	249309.1	990784.4	378787.1	123949.7	325082.3
404936.1	251139.5	433240.5	160684.8	193627.3	199753	747360.1	467285.1	118274.9	164237.9
684479.6	761833	135230.8	157391.2	320467.1	1207134	860502.2	422172.3	93626.91	96161.15

5313536	6324479	1609808	777485.7	3601619	10716885	17734574	11894156	26753.16	620593.2
1582465	1833798	5981.179	0	38923.32	1019377	4624828	4718627	258814.7	713561.8
4842001	3068157	176597.2	93771.77	854020.3	14542603	15802760	7301189	1350314	4107459
41995415	37227777	511536.5	51117.89	1789911	5101818	1.42E+08	94457277	5847296	23537251
1401998	602911.3	298238.2	388832.6	635039.4	6104385	1713873	1483137	582547.2	1179046
128717.5	100599.7	0	4433.278	163185.6	168274	194079.1	68675.72	0	228729.2
12346837	8119430	1119910	733538.6	3268056	28904772	15618470	16479617	1909559	5721175
15583162	14692526	13760548	9032145	38701964	5945005	26907049	36143344	52612.08	25189250
963505.5	893467.5	476435.4	135241.6	693871.2	3812653	1122175	2257248	27122.1	276925.7
2381975	1744235	368412.5	223561.6	1413265	8042277	5036407	4437360	209723.1	1156744
8.3E+09	7.56E+09	3.28E+08	1.87E+08	3.28E+09	4.58E+09	2.31E+10	1.33E+10	47589289	1.96E+09
2229049	1451923	504951	894218	1875389	7560355	2949212	2432122	224877.5	1604023
1354665	823579.6	144139.1	80595.93	430195.6	2637317	2263564	1224457	223795.7	1164670
1339484	867205.5	215779.2	130605.8	549203.8	4766480	2879694	1296731	215020.8	813121.6
6023835	3671334	218095.7	109275	847451.4	12045714	11043361	8304824	869943	3392184
32858097	26385929	659708.1	320288	2128714	58680472	67362375	53535334	6997463	22748388
1101717	802737.5	91676.55	8963.197	64120.2	183782.7	3679830	2507187	856928.9	868274.8
2623377	2320097	831765.4	442171.7	1599344	4350587	3541871	4824675	395326	656516.3
227291.9	125510.9	0	0	36425.46	277153.2	588337.2	348064.3	24841.32	226886.6
64509159	41517194	25200499	52027766	62944070	1.24E+08	1.05E+08	73540456	13811339	35848492
1506697	711912	903625.6	712074.5	868654	2647894	3628015	1480797	498352.4	1303595
30388921	40481620	14338505	15045388	97691728	23989150	44338513	1.01E+08	1488814	8217076
1.05E+08	1.98E+08	17852190	7862807	100736.1	447853	3.05E+08	752051.9	68317147	762010.7
1388774	970029	165842.3	61793.67	326614	2521915	2553222	1389773	237890	910865.2
528897.8	400229.4	669561.9	775678.4	126962.6	207044.5	466578.3	1228778	491889.4	262804.1
397917.1	316545.9	30452.76	13826.37	69440.78	824040.5	645539.7	442841.2	57752.08	114992.5
758265.8	527852.3	33627.59	16055.04	34968.36	396612.6	2369023	1289174	343495.9	654002.4
674156.4	139161.3	340935.2	504445.4	905731	792207.5	611650	712618.1	501379.2	592831.7
754366.4	381577.8	115801.3	104436.1	216969.4	1794747	866537.9	859498.3	270643.8	441446.2
4549154	4807123	737548.5	17596.19	2669990	5760735	21960452	12737447	0	2917855
5008574	2656677	1276026	2064515	2936705	14506285	9447107	4718740	923514.1	4951637
360148.1	377803.9	130531.6	35721.27	172478.7	1877919	290507.8	521581.9	11173.27	5976.768
573910.1	387642.8	61900.36	29933.95	71271.01	1305928	833038.3	1138377	156892.9	420432.7
801695.3	441510.5	228546.4	236793.5	41871.8	954800.1	1840015	1011367	838311.7	474793.4
383563.2	191366.6	821016.3	1172771	100524.9	227565.8	36894.76	380086.5	554180	456470.5
760291.7	494051.2	232685.5	386146.5	475412.9	1281798	896848	1571472	326660.1	465070.2
10729727	14094898	1328097	684694.7	2876956	8580934	25926943	35361763	42680.71	8481239
462830.5	271131.1	669289.8	787222	678859.2	433147.3	65153.92	208010.6	332343.2	266731.5
193255.9	166944.4	7762.681	0	8294.428	130227.6	577630.2	337785.3	24007.55	80287.57
579641.7	661447	58473.07	24400.31	249829	957298.4	951390.1	1722059	45150.23	327692.6
481042.3	299532.5	100656.5	55122.8	284895.8	1448662	1088308	649694.2	62378.28	271342.7
3374760	2964119	28174.21	55250.23	136452.6	6213083	6735493	5612434	605922	2165607
18417293	26190900	734753.1	1207604	2181602	15118162	46445329	63357054	65599.1	19613330
10791204	14910933	16923038	316721.3	236438.6	27710089	24770580	22664488	91231.4	153913
6051452	3535858	949051	570212.1	2600907	10407213	10718672	6646594	1041204	4089338
1700824	1133985	157925.1	50632.49	412841.3	3520830	2757359	2628177	208776.8	755295.7
88756.81	78513.01	10576.43	6735.317	61412.73	277452.3	205162.3	135604.9	0	12993.17

645275.2	573571.1	315774.1	330320.4	298473.4	285213.2	1392502	700068.8	67617.87	183268.6
508146.5	396914.8	98510.78	61816.37	326842	1368906	1301229	673577.7	41536.52	176509.3
61744198	88126370	79864759	54893341	85572575	5506214	4199039	11325345	2340857	2.1E+08
6742819	4204545	2909515	1910297	8459830	16332151	9894673	10651286	447008.4	5338010
436500	339098.6	5486.359	0	67072.67	461097.1	1163053	811490.5	47472.46	344084.2
363798	205452.9	272766.8	397467.8	379882.7	638103.2	330927.1	365739.6	198013.9	126472.8
13764500	11222110	2894309	4903905	11179468	47959749	19220299	13605479	2069698	5807112
786184.9	901498	155867.7	291187.6	680989	2884398	1061428	490600.9	102596.8	280914.4
149181.7	81608.54	40290.35	16370.26	58353.95	671275.7	194589.2	241432.9	54173.37	72861.25
143415.4	116759.9	47438.97	50630.1	99876.56	119311	279348.7	337551.5	29308.5	98299.14
844886.9	515681.6	47453.44	100105.2	347887.6	1730083	1263429	1261302	134252.7	464342.5
2070243	1749206	199437.7	410321.4	627244.7	2721168	4375038	2635162	170236.1	1553931
699665.3	1004893	24718.3	0	0	420675.4	1994553	2349251	13191.55	0
154019.9	117478.9	43032.81	5315.595	109037.4	217725.7	265630.5	319096.7	49201.48	76724.49
640370.4	488929	239449.7	277426.5	327961.1	1478531	299799.5	213438.3	1390598	839241.6
1742263	1375411	3136.624	10561.53	18258.02	3266261	8702929	2401091	59760.7	1637180
513023.3	344599.3	61707.72	44112.62	68913.21	1187352	705541.6	708716.6	60321.78	258470.2
243420.9	93979.46	261059.5	214830.4	297947.4	210678.1	143801.4	251490.2	139031.5	213068.2
8652639	9851364	499927.7	296912.2	834604.1	1770063	27510025	25954776	4098788	4044526
79164.24	48430.87	0	0	101582.3	292856.3	106104.2	94483.34	24004.01	33724.67
4787412	3668807	464146.3	430466.3	2202993	19352888	8664664	6025577	169524.8	1954019
214995.8	174135.2	2826.164	0	64143.68	342692.5	448222.3	333564.3	39976.16	85983.89
37239745	37549083	2976552	1028930	2711188	3386930	1.23E+08	1.02E+08	17438422	26267235
419214.8	297707.3	162990.5	89940.63	355893.1	984559.2	914407.9	355243.9	60504.8	232322
722918.8	443772.5	146370	185080.5	338951.6	1895710	1864723	843101	111083.6	482563.6
784759.8	377963.4	366949.7	571108.3	684599.5	1641676	1168888	756813.2	314498.1	537026.2
1118501	1700916	948073.4	502031.2	2303762	138399.5	154828.3	89541.82	1148071	54848.78
334920.1	404831	83571.24	6951.591	410832.8	308005.4	1422405	246831.9	31403.44	182116
12531862	19249117	892138.4	1049294	1295558	4751073	35275163	46508735	225659.1	3791693
4675204	4062069	74273.41	45354.34	289534	7846679	10070140	8186110	847167.3	2781723
4816914	5610592	1931792	1930111	7315034	105497.6	7556625	14339908	4678406	1418366
167793.8	129232.3	46874.3	20381.55	119892.4	224822.6	289905.8	71134.48	38368.41	122515.4
50643639	49808087	9494313	3952517	1531788	13078543	1.58E+08	1.37E+08	44449323	31638907
5023338	5656191	9532044	8630383	7523330	645457.1	4143398	2330464	139977.2	1048882
623775.7	536397.1	85234.82	82579.68	245722.8	456847	1592148	1102368	103227.7	671056.7
7533259	6568490	3489662	1372475	6840216	9695577	25451592	17619887	0	4227531
174470	62262.59	57698.03	63047.16	61670.86	326828	249564.6	223871.5	77652.88	149456.2
658016.9	440818	104675.7	48605.5	249475.3	813613.2	1479544	1053488	114046.3	372062.8
169955.6	114796.4	44018.07	11647.95	265009.2	163049.8	566360.9	264034.7	0	169663
457560.7	411604.4	162136.7	161382.4	278047.8	1974612	411594.9	968879	79053.48	109180.4
1491023	1029500	59121.95	17676.4	457540.6	2863998	2665276	2150611	165511.6	972263.6
251384.1	197732.4	0	0	0	355124.9	627156.6	423926.1	13146.09	261665.2
34973692	32673703	39392.11	10316.95	2169225	32905257	97687750	67883605	3682299	28564751
858543	515894.9	361486.4	183904.4	300510.1	400088	2245249	1057445	589698.7	370309.4
323287.4	171882.4	184154.5	162118.4	207000.7	638651.2	668508.2	324997.6	104790.7	328134.5
293332.9	275296.4	193535.3	68712.67	354190	117517.6	1144205	744116	113610.5	342805.4
117128.3	79525.86	82969.69	48986.78	143137.5	376692.5	58418.15	73941.74	67958.73	51260.82

12826520	12865646	1176856	619241.5	3037426	6577452	36968485	25806846	30209.82	3531094
257694.5	156249.6	46899.33	75759.82	121898.4	158496.6	652749.6	422402.8	52111.2	395296.3
446502.6	393115.6	91318.48	12340.63	41414.51	148292.6	1382892	872834.3	18530.96	61316.82
1835804	1293618	1481169	123483.9	446167.6	5941424	3347737	1124276	371333.6	3798052
667472.5	377618.5	142841.2	548494.6	260380.2	1684658	1312610	751501.9	200289.7	365968.5
439310.4	100535.7	332136.5	566449.6	520891.5	517822.6	371807.8	409602.3	522122.9	277508
17706292	11251658	1846930	1163407	6441559	28997748	34740442	25720621	2038294	14578837
308845.9	179763.8	113239.1	113897.2	116012.3	121050.1	800366.9	490383.2	33521.63	327736.6
2595924	2118108	595990.9	392871.6	1214661	2536900	12713465	5462810	617949.3	841743.7
8256750	7684075	14848.97	2695.553	435581.6	7375298	23516421	15816303	857237	6707796
13892543	9508527	1419567	606789.2	3458736	25366514	25962183	15619690	1588726	7875596
48603.46	36432.31	5070.62	0	7030.101	103240.8	80133.74	31293.32	3459.554	41399.66
5908693	4567038	234500.5	343808.5	3893587	8893485	25139184	9806704	124186.6	3081475
590181.6	405696.4	62625.85	43409.73	163884.8	1140488	1010869	841972.8	37301.56	346616.3
2161817	1712460	139939.4	189470.2	465855.5	1257364	6302274	3935821	115976.7	559307
561906.3	562686.8	0	0	13651.61	108498.5	1899323	1496379	12596.19	355890.6
850506.7	406982.2	936433.4	1110617	955549.7	887136.1	705858.3	873192.7	728086.8	300813.4
679050.1	483050.5	442134.5	629132.3	184665.9	2192094	670342.5	795452.8	335532.4	146994
5444217	5699170	0	54049.75	712528.7	1540050	17519127	11587743	25341.53	2079825
57504924	55062952	5959776	1669951	2207445	14923285	1.87E+08	1.52E+08	35836142	40031959
8.91E+09	1.08E+10	8.55E+09	4.27E+09	2.2E+10	3.6E+09	1.66E+10	2.5E+10	32297233	1.48E+10
662202.7	405452.9	338739.6	276239.1	332847.5	747926.4	1181443	598155	188527.7	511618.3
440214.6	274190.7	63069.53	83943.09	118113.9	774250.2	796650.9	707097.2	83074.68	268301.3
2870218	1764613	242216.2	323721.6	2528756	3803461	5275276	2442302	206655.7	3025185
177523.6	174626.7	32666.78	33777.86	81987.13	352457.6	214187.8	106075.5	4977.285	65999.14
644716.2	440342	81086.63	20301.88	205116.4	1172485	1174783	760665.3	73540.84	381034
2145995	1404963	59274.31	29473.94	7940.953	3873548	4646406	3544039	33650.86	2136364
184535.9	167783.9	10762.19	2365.339	21985.39	342909.2	352636.4	283244.6	18994.97	58238.07
321468.7	236263.6	34189.48	16517.57	164664	919925.9	871729.4	378012.2	29060.44	131177.7
2478496	1268864	28953.38	8939.371	229778.2	3651756	6097915	3142602	1363050	2832787
183421.6	184283.7	0	4031.162	14596.65	201059.6	482762.7	228480.8	32956.7	126856.2
1300445	794482	127131.8	85310.21	410031.6	2544111	2220263	1179221	207559.5	1107989
175199	131468.6	6000.11	0	7055.924	256786.1	425150.3	358210	87948.02	121740.1
1861573	1789854	198170	119293	889572.5	3278619	3007664	4763674	212880.4	1125773
903575.7	337077.2	349050.2	306438.3	617543.2	2232374	1754196	996178.3	381042.6	822188
39820408	36257220	482710.3	65822.47	1143444	5677896	1.37E+08	91801985	5317118	21938242
401206.3	252288.8	126669.6	230866.9	182310.4	405129.8	1575777	502839.8	235571	194776
1233642	1379409	108606.1	113805.2	312668.4	1600639	6381498	1437264	77801.34	507714.9
177690.1	130591.8	7176.401	5159.945	56450.22	340102	315447.2	120186.2	29750.15	122018.8
495019.3	478245	2743.524	3272.657	137851	213860.2	1502788	981885.5	50525.17	343152.3
1820674	990154.4	858169.7	127013	501493.8	4555660	5081525	1671576	161299.2	2478468
612211.6	870988.7	133540.2	572355.8	3038108	298505.1	184539.7	2157047	127095.8	243528.9
7395954	5335446	537956.6	673983.8	1665114	8571907	39208024	9008696	254750.5	3508439
28560285	21062715	2856349	1943318	11083164	62574242	38385838	54402828	2941641	13971356
177205.1	115210.3	44532.31	27392.41	67236.53	460879.4	489516.3	186150.7	35944.26	86980.25
170050.8	202457.8	91482.55	80716.72	116205.7	232830	162887.5	137644.6	61910.14	80236.65
531737.3	337755.1	64498.36	40390.29	260062.6	826755.4	1031282	710391.4	33022.92	331630

118909.7	54863.9	48931.52	62630.51	28398.42	40319.51	311814.1	144868.8	98350.9	98341.03
144809.3	84713.14	136265.9	137464.5	41574.52	343731.2	171736.5	131553.1	80348.54	64694.56
4134265	2943471	1486424	304023.1	2151992	1780239	10942349	8117029	1807613	1929995
323778.5	323939.2	0	3964.291	0	338958.9	889330.6	485967.8	67582.6	260190.2
5945644	3800377	788852.2	364610.8	2445499	10353474	10834947	4970050	913494.6	4346809
268169	149955	50420.9	33994.9	72823.77	458623.5	509105.7	441996.3	94678.97	164645.1
605233.8	445555.9	211481.1	40567.16	372811.3	820427.3	1102414	542111.3	60446.01	349835.3
209309.3	150216.6	11835.56	0	50479.28	393628	395504	211952	5879.431	147583.6
235393.4	136668.9	31509.33	34714.64	42840.61	267352.7	586470	385691	43129.06	155027
2103758	1365180	470762	197622.8	961018.5	3099317	8771650	2649283	473795.6	1112876
912757.2	590024.7	164623.6	168627.1	356044.3	1736121	1409750	1430560	130151.3	472981.6
863479	1020548	244514.2	327162.6	216437.6	1776380	820165.3	2612397	271587.9	176340.5
2127656	1337111	182834.5	92067.18	458145.8	3324730	4663394	3527199	332047.8	1372188
114215.3	92259.23	37781.62	11089.41	32634.38	355249.9	276966.1	119091	0	53589.09
387305.9	232145.7	28173.53	13020.26	116824.7	289025.3	1096429	648716.6	74832.83	275163.6
349823	207842.8	196599	61611.41	194046.2	158189.5	848861.6	449113.1	129686.5	144119.8
979329.9	704588.4	97401.48	35486.63	198812.1	2062712	1594313	1505660	134176.1	358217.5
2817629	1453491	651419.2	403395	1242919	3767687	5891228	3477438	673800	2084297
192701.2	177391.3	10638.7	3748.801	64807.36	731039	437054.9	216610.7	10278.41	73035.76
1969119	1218846	310132.3	188279.4	610988.1	2151587	9975325	1535160	556356.3	1444727
12866630	8337396	1167419	723620	3379517	30336001	16949397	17328657	1866435	6233539
1043162	768291.8	157810.1	256814.4	982605.3	3608770	1436528	1115997	101417.9	529247.3
734483	629333.1	24730.02	7365.454	68485.22	772930.8	1989516	1615812	65056.54	374894.4
212426.9	112088	68997.34	43699.05	388782	115917.4	669639.2	302747.8	96142.89	156021.3
8.26E+08	1.82E+09	3091272	4.23E+08	4475758	2.12E+09	5134135	17661574	2185876	10232084
778264.9	632812	84803.38	52652.5	171798.9	1077597	1753115	1207768	91861.59	451860
1251875	1001949	517552.2	3218192	1927067	923427.5	807538.9	569806.8	804625.1	3020266
433987.9	542832.2	342158.1	403647.5	747657.4	104136.2	108005.5	107927.1	303718.4	71675.21
11057755	10425154	1341365	792784.9	5030475	18503670	19097980	28538847	1446420	7138361
262910.5	277338.5	15760.17	26827.11	211210.4	709411.3	687764.3	722740.3	30920.28	60454.99
122156	144537.1	20575.18	154571.4	51352.43	133111.6	130870.1	86274.49	4166.494	47938.26
16206786	21645635	615588.3	557614	238182.2	14187214	43714620	52523356	63118.04	18589915
4572842	2856983	1720762	256613.4	2358560	2516721	11863544	7846776	2341112	2631230
1829182	1239496	56563	192374.9	70236.53	2527553	4507405	2842199	438726.4	1477019
2781810	2497785	124767.1	72735.39	277237	1109993	8857349	6288557	776099	1542941
2194242	1478887	226234.3	84068.01	541181	4807228	3331515	3398164	343227	962770.8
102551.9	87709.35	0	0	0	14511.17	359295.9	151277.9	5993.184	162029.7
286048.3	409542.9	86225.63	94635	97808.04	681808.2	99315.49	112125.9	23760.01	60275.31
553311.6	594629.4	90363.22	84635.81	246771.7	1076917	708120.5	1518678	49775.95	159030.1
430324.4	247167.7	96191.2	57610.17	254290	405443	993756	508249.5	83899.97	281003.5
155513.8	259462.4	2564.117	3188.381	5419.019	186289.1	349785.9	618551.2	20432.82	48683.92
4857359	3362894	445310.9	271082.1	1386323	9951471	7926667	8833800	615003.1	2463889
3498330	3375636	2351.969	5371.623	173163.2	3235064	9950706	6844396	342678.9	2688852
945395.7	798156.9	511538.8	1379809	581689.7	1606200	1363464	1060699	336162.9	423233.2
179262.7	145471.7	2186.911	2756.474	9779.506	110392.6	558347.6	146670.2	44058.65	299217.4
180754.5	116822	131690.9	225215.5	145452.3	225184	74800.77	199014.9	24258.55	103960.9
752710.4	495348.5	40278.25	27519.72	197942.7	1376825	1454743	941147.2	76351.71	394406

517945.1	392214.1	0	4456.689	3572.711	474355.3	1525966	751751.3	74073.21	557186.9
2729143	1675013	87353.27	69676.11	423453.6	5746877	4840255	3819451	421790.1	1475706
2450905	1475298	715805.6	582325.5	1215002	7791170	4597745	2841217	593228.8	1256032
25473823	23260862	845320.5	480844.8	12010834	15250039	70756390	22603507	1541391	5838128
538883.1	408077.4	36145.71	23216.22	118201.7	1047455	971583.4	550129.5	10640.52	267123.2
1037719	883263.8	0	9321.165	81612.4	1617220	2408528	1508195	376828.3	779144.8
1420535	1234001	73371.99	6812.452	167333.7	325890.2	4722047	3062840	375501.4	911738
1221110	713111.8	333354.6	513119.2	495374.1	5115590	1291316	1346303	209795.8	820771.3
1814185	1486532	25028.98	2656.374	151799.3	418229.8	6151357	4185181	170293.7	1113921
223247.8	77334.96	178795.9	259960.3	171012.3	355164.4	231682.4	350874.3	206553.7	232173.9
18802903	13261192	2340189	1698892	9680228	56996483	45440092	33998240	1797243	9248273
2232497	1886366	320996	151441.1	1292526	4498044	2929324	4936408	149673.9	893472.7
93181409	1.27E+08	123255	18583540	70089327	583948.2	2.53E+08	2.33E+08	139416.9	381780
367847.5	68517.78	305079.1	348562.6	419470.4	564093	299132	305063	426026.3	409066.9
898590	480365.5	27967.61	26607.09	35406.9	695732	2745992	1423897	607152.8	1268498
339715.9	288170.1	45918.35	32106.69	150644.2	740757.3	419032.1	634912.9	58608.17	276059.1
6291536	4206693	1414788	946112.6	4135629	16743357	14704649	9664042	818231.6	2760014
3755922	2790899	768983.2	400746.4	2662200	2878128	8812991	8289879	647531.9	3060009
1.43E+08	92135174	24352669	10316479	56193219	2.87E+08	2.22E+08	2.5E+08	26452730	79453333
92991.81	84892.46	22567.9	22401.17	38885.34	36369.92	523634.6	96194.88	3728.601	60776.79
564417.9	481576.2	111083.6	134850.4	233342.6	167930.3	1581332	199269.2	163885.7	626389.2
74768.07	35715.55	59305.54	61203.85	56243.01	96615.15	70920.58	110780.8	26639.31	47860.36
118028.1	97937.6	22714.66	10481.35	34303.08	404518.7	270790.9	115747.6	6094.794	36428.03
1901427	2463445	8308.029	18598.13	118330.3	1793741	11839268	6198632	75307.23	1428598
306051.2	293274.2	15201.28	9341.347	15926.87	718198.7	446950.3	562199.8	60473.92	100873.3
451820.5	422305.8	2636.169	2443.497	25836.78	143982.5	1504304	693698.9	65080.64	405707.7
117288.3	66224.05	6795.454	0	66460.16	438490.2	223737.3	128667.3	64217.98	66292.96
4006402	2905017	112731	53258.45	542980.3	4559522	10715414	7264237	977393.9	3485925
4164649	1513576	3164137	2517505	13857923	792010.3	4551386	6155307	3260694	5382882
10030661	12017093	462202.1	276195.7	6390291	10532021	50554168	4000159	32270.63	2635114
171134.4	125534.9	30427.55	23902.56	102865	543958.5	348751.4	173657.5	4280.049	97578.82
90476.74	70629.02	0	0	0	233783.1	354195.3	67292.49	6805.374	74468.98
185591.2	121849	42233.84	5864.387	81759.7	579131.1	433623.2	132876.9	31372.49	146902.2
619140.2	534430.4	77244.31	107237	334176.3	1403400	611797.8	1398125	65325.99	211155.7
1079605	803229.4	116227.5	211230.5	349675.3	3795381	2280607	921595.3	115375.4	573349.1
973022.8	534711	1273123	1732234	1411010	526148.2	488692.5	865521.9	510715.1	478675.6
8198347	1862374	6201328	7941531	7739408	11563473	9576966	10789886	7564200	7707204
149309.4	162313.3	21656.27	45849.42	20125.29	106960.1	845068.7	147355	14219.36	112364.3
259013.8	217743.1	5798.909	6820.729	4500.452	394036.4	1349856	340043.7	0	240827.8
1243734	900894.8	96862.38	52079.03	460775.5	1946425	2580821	2030097	74366.13	767869.3
289606.5	266937.7	54963.48	58578.87	210412.6	166790.2	1442851	734252.6	55764.79	303320.7
367999.9	321551.5	7607.672	5051.668	11010.13	463022.3	961770	734619.4	54726.01	219553.2
780161.9	1092898	50405.85	51769.75	28454.04	1074926	1709831	529839.6	6560.18	225948.4
770587.1	438682.6	244522	303711.8	408874.9	1151702	2537037	625374.2	172468.8	899567.8
117753	86498.86	8485.011	9196.396	29074.44	173738.4	262188.5	204111.3	12185.17	46090.02
5291339	7295711	16590.87	6081.888	2161152	2565047	14702513	17826676	0	2694860
17183219	14607347	2333994	1578523	8724892	28740054	29715891	40254201	2439362	11466348

113883.7	46483.77	51946.26	38962.61	124391.8	282818.4	151668	118762.1	89344.82	116730.1
189361.3	77180.87	168387.2	222739.6	199303	165360.9	127735.9	272475	89813.51	127784.5
203599	169814.8	211756.1	197753.9	191219.5	211437.7	71320.64	176827.4	72228.12	56806.73
607676	463685.2	0	0	81976.42	116338.2	2083051	1210519	234961	605058.3
1782917	1672126	44188.22	6519.682	185701.2	444879.5	5960539	4588452	481110.9	1119902
219011.3	148379.3	170836.3	246965.7	261529.5	236269	52878.92	173022.4	87707.06	83449.23
187729	141542.3	123996.5	175357.4	246847.8	279524.8	227619.9	215653.1	28726.42	52433.12
849494	442118.5	322174.9	171661.5	535391	1262973	1428598	938989.8	224934.7	589721.4
11909332	9608641	5234524	31021235	17916192	8897909	6984639	5625684	7607544	28930675
416836.6	216857.1	419601.7	472592.5	64896.5	757178.5	617558.1	602858.2	330094.6	84849.01
1006848	1646411	688410.6	1868587	3730755	72443.59	304351	204420.7	3931009	612238.5
2302950	2984382	75611.43	14484305	409189.9	701295.8	962887.5	880830.3	7631839	812947.4
74639036	45269549	19599772	19890894	62723406	2.14E+08	1.26E+08	97839484	12302843	42139955
4558748	2981276	441070	271339.5	1149206	9813748	7207847	6829673	732729.4	2072146
1990801	1032678	497202.9	356132	1352581	3205713	3259896	2727870	541255.6	1313876
6241503	7460530	922207.6	1065810	1782670	5643762	14852548	3014966	1474343	1683074
355421.6	274900.3	37764.24	100245.6	264978.5	683598.2	1067909	633844.6	75624.95	223666.9
2369486	1308443	407309.7	269184.8	880290.5	5787406	2552038	2488606	450336.7	1795246
5118859	3554276	819223.1	671381.4	2635342	7857857	9632351	7238126	399466.6	2345076
553435.2	565914.7	43960.88	12774.59	103257.8	1458024	543192.3	1201590	29155.35	96263.33
339517.2	229876.4	58253.17	26062.81	172083.2	652495.8	522994.8	512550.5	438725	45578.75
187370	150052	0	0	16754.46	365505.4	850187	242133.3	104327.1	413930.6
475546.7	524367	10408.1	12196.46	36278.95	384709.6	1365930	836566.9	20931.87	188839.3
6462365	4444222	656681.5	355213	2582649	10599015	12784153	10578684	493849.7	4502194
627020.7	655604.5	0	43217.41	1678391	421925.4	1787891	1785276	163786.7	361110
1395948	1245295	32798.02	18490.68	95748.84	2559789	2879671	2483276	189143.3	846578.1
236879.1	332457.4	2030.222	0	90489.94	441455	364614.7	63689.14	45922.39	89124.28
1981789	1393518	155585.8	131900.9	561836.6	4818007	2457014	2693335	266706.3	814391
1116597	769084.8	240092.3	227962.2	858616	2987425	2346921	1518126	119610.4	610249.1
266917.6	206498.9	34700.19	36509.18	41741.8	205739.5	747260.9	435800.2	24499.69	62880.08
1225656	2311420	22300.12	87186.31	48871.62	209225.1	3719054	5350435	51304.7	85245.73
18902060	17713369	18714807	10964405	25293541	5271060	52682476	46460803	137889	11649052
969889.6	1002185	10378.35	0	98612.25	735508.4	2864438	668241.8	136007.7	878684.8
2367053	1111968	1372743	1874602	2058483	4281462	3429664	3941330	1093023	1631707
715107.7	457613.9	129534	120695.8	258011.3	863031.9	1630550	1006141	128927.3	443122.5
2665549	2333349	2432.819	2526.208	16634.95	4830607	5787025	4696115	659634.1	2062562
550759.6	370233.2	621101.6	100915.1	383674.5	1259447	800280.5	688333.9	296158.6	199164.1
1472861	994367.9	591897.8	1069511	640934.4	2467119	3833316	2907765	562984.4	625372
1445774	1278138	599984	180688.2	959993.3	5832056	1556946	3237849	80163.16	421111.5
7098315	4295566	3088075	117061.9	4486490	3364831	18400793	12215849	3050625	4578519
334264.2	278192.8	77495.71	89014.69	51619.09	113238.1	986890.3	569171.5	59653.82	251613
433388.9	379986.6	49411.39	84324.7	253151.7	1483901	814789.2	245788.6	109046.6	143252.6
715302.5	392495.4	266936.5	248021.4	603231.3	1759433	1253233	1151524	186544.4	479773.3
3262971	3578647	743088.7	1875130	1234965	3096799	6329043	1173873	469929.1	3996501
792840.6	748708.4	0	2427.621	215080.8	1478251	1496401	935852.9	5264.822	319436.2
1160397	503893.1	466397.3	649667.4	1455971	2473035	1434014	1656513	463144.9	819904.9
1210278	1062089	5834.052	0	43538.12	2121586	2670735	1416071	40386.86	290170.1

3493522	2184315	532511	505963.4	1032007	5964878	6710089	5358832	706199	2392594
330710.9	208888.4	40094.1	50089.78	121938.9	372666.9	795248.6	502629.3	24972.53	201088.2
292256.1	196807.4	52597.77	79577.42	244485.3	801550.9	554517.7	299324.9	30207.79	221789.1
462203.7	373989.3	39650.28	107091.3	120910.5	1390448	162024.7	516526.9	110588.4	404881.7
593342.3	341068.3	373830.8	393151.1	871766.3	691165.6	944283.8	795003.2	56788.87	530093.1
779704.9	413776.6	241206.1	448938.6	684530	937150.5	1188922	1230999	196231.6	608318.2
479569	330543.9	163547.4	182904.5	161596.5	1163280	1186227	545930.7	36587.7	253235.6
337734.9	236574.1	61326.88	68084.75	164179.1	414914.1	718941.4	510195.3	74024.14	162555.1
3282275	2259306	380307.8	717341.9	1721766	5979936	5165075	4552761	429771.2	1250002
135485.9	83679.16	40251.24	20660.34	69355.74	386760.3	294262.8	86716.59	46779.19	94592.43
1167548	814268	0	6249.228	41004.42	1677037	2989292	1225399	286014.8	846128.8
33353921	19766099	4936645	2911529	13519557	64322449	55927077	29188115	6553565	25304250
66639636	62765654	2981175	1912866	29612001	27811843	1.98E+08	85206766	220382.6	14616482
700148.6	466098.2	135350.9	130556.2	252685.5	1496488	944511.8	1184113	85831.14	344324.3
474294.8	293336.5	122885.4	144414.4	252851.7	1631950	721584.7	253379.3	551173.4	138218.9
94648.08	81113.82	0	0	52658.96	190018.7	146925.4	126389	6287.878	8982.09
339612.3	162491.4	94019.54	61744.51	194016.1	660787.4	470528.6	524430.6	118273.5	231874.2
231799.8	151220	22332.49	8869.613	69149.18	412028.7	457140.5	228528.7	51022.37	143853.6
6942439	4677266	854598.5	1120035	4376670	12111704	11214417	10165487	719201.6	3085194
6318517	2733744	2780791	9096224	7925233	5077679	4036245	3827078	7562739	10474874
458319.9	273334.8	106167.6	69094.18	343356.6	1317963	886391.7	509560.9	111313.1	247356.3
42225430	26313876	10921809	10992407	33595441	1.18E+08	75753100	55014078	6339759	23003918
464943.6	307066	52382.91	36521.2	170566.6	900770.8	796665.9	658130.1	52720.54	359932.7
1738439	1463043	112273.8	48956.46	133887.2	586868.1	5766430	2071525	493210.3	1898390
1125960	792421.8	106026.4	80720.3	278815.5	2580188	1617402	1719909	81612.84	645457.8
215365.4	232015.5	0	0	24975.06	285931.4	533902.8	486116.3	46335.53	82608.7
2014190	1102248	978189.6	822354.7	2875025	2286274	2120128	1516804	1219998	1491268
168503.2	108739.6	34612.7	9416.671	152775.3	362901.5	439346.4	211234.6	0	124374.2
390645.2	333669.4	60901.69	33606.63	150173.5	749992.1	627024	864452.5	15719.41	232559.5
302212.2	168848.2	6416.693	8836.298	21536.43	524428	687806.1	401270.6	200382.1	341595.9
2269792	1529936	228017.6	114875.7	635041.7	5613656	2787822	3034072	291674.5	1045239
207812.4	137971.6	45978.19	10740.39	70731.09	335173.7	414750	239973.1	7763.646	142950.1
4871192	3327646	1047027	489842.5	2088956	16298089	9853346	5093718	572382.1	2587316
2331855	2861240	5958.086	0	149824.6	1082417	7420967	2206930	76856.12	830210.8
278606.3	198156.1	6878.325	0	61951.74	747512.3	313493.5	412622.8	26582.63	100481.7
866607	1012117	232807.4	1185172	1420633	313342.9	368473.8	2628587	224020.7	223307.5
9112288	11398729	82561.2	29543.74	477620.7	11306945	23031014	28146894	935538.2	4657806
446206.5	347875.5	385024.8	242510.9	525323.3	405512.1	985710.1	850734.3	98437.23	294937.9
10252247	6510450	851351.5	569636.7	2731265	24247215	14257801	13378270	1551726	5263534
282427.5	161232	170958	321899.7	341367.8	272240.7	179488.2	500293.1	188350.2	224901.2
414097.3	350487.2	41410.65	2391.687	347879.3	224343.1	1068295	1024905	154477.2	229308.2
177459.6	88420.7	167882.7	211983.6	154403.1	248032.4	172861.5	288502.8	55515.37	209375.7
3387894	2186718	297272.3	195836.4	882714.1	6874356	5940766	5320145	485927.8	1734185
309791	106021.8	273349.9	339929.1	178592.2	453957.3	195877.2	409713.3	265710.2	201750.2
22202163	14468198	9242244	1266061	12426456	11448429	58012909	39879905	8170097	12858123
186287.4	266693.6	132257.3	166938.5	693464.4	103492.9	90894.58	652959	5291.339	64136.95
80897.77	48082.97	13125.42	17296.28	8138.321	144614.8	158670.8	115241.3	0	81053.31

210030.6	335913.9	61885.91	63453.65	203663.4	327436.8	144108.2	121098	18959.47	81312.59
684809.4	433933.3	0	4225.526	0	34125.79	2534701	1305406	294575.1	399195.2
118961.6	90527.82	10001.47	18613.21	36941.5	363627	301119.9	108676	5938.445	91133.77
147465.8	70376.63	17600.05	10603.89	19695.19	413844.4	144563.9	253865.7	60161.67	121661.1
4063328	2393694	619340.4	583209.7	2016500	3703821	10164592	5081919	246143	4084543
56990278	35184137	11018648	4378187	22729315	1.11E+08	93685292	1.01E+08	11315457	34998730
158067.9	72421.67	47512.68	25082.65	18702.06	247050.6	337455	225763.3	64623.06	199487.4
2321751	1812996	106367.3	37079.44	675978.6	3233364	5485104	3648409	425803.9	1410696
1615813	1151464	358386.6	573364.7	1477780	4211379	2833823	2175223	126988.6	718423
2163486	1403737	165069.7	74786.35	537737.3	5297892	2889724	2857770	262881.4	1120060
4575276	3844441	166236.9	148508.3	273655.9	7823841	10175868	7989276	869733.2	2819423
26494909	17376416	4341747	1698308	10375372	54297500	41418422	46848921	4400874	14505871
676973.8	809662.3	44901.39	91151.85	93200.66	146533.8	2164028	848798.3	127968.3	83094.88
140408.4	133344.1	43410.77	17430.33	59922.06	112540.2	340692.3	189693.6	14812.28	63162.76
13716898	17662859	0	0	321124.4	3450832	46342082	28603446	0	1707753
276133.8	244323.5	27721.6	2970.527	84481.55	514584.2	506434.1	244664.4	35909.35	103208.6
609565.2	1087642	0	0	0	214614.5	1895753	2537644	0	0
410340	280029.1	98734.66	50370.89	484517.7	193723	913098.6	377794.3	69119.48	309707.8
636173.5	390135.1	71980.92	86950.42	267522.9	1029897	1256735	946338.8	120592.8	323475.9
332295.5	151378.1	250785.9	263041	161353.4	625637.5	532526.3	432657.4	178096.6	175044.7
1712560	984242.3	107423.3	102046.3	103520.7	4431748	5898568	2164911	947789.9	2679100
13328660	9158024	2471682	1425723	8186559	40510316	27507518	24246179	1321840	7775745
441936.7	301367.7	207146.2	285687.7	247383.3	897586.1	889531.7	474995.7	120422.2	201391.8
3008309	2590611	173477.1	121768.1	592047.6	1160666	19055254	7123848	72983.21	3164604
127096.7	114494.2	13917.58	11327.97	33022.32	490559.5	251479.4	257612.5	6917.409	39825.14
35336554	45451031	4571019	1830799	4797950	28434612	95859066	79339586	6744676	85367.84
777346.9	451727.3	139761.6	205615.4	856306.8	1952898	1344203	1044039	141882	465313.5
655294.1	915400.1	536407.2	373112.9	1742373	357078.1	1011819	2285808	124014.1	321324.8
222221.3	195367.4	21481.84	28552.69	19330.72	219464	1202535	535654.4	37134.91	131907.7
268430.7	197703.5	0	4749.809	25735.22	578767	1098009	124574.2	446082.7	179771.5
6743019	3701292	7626866	4969482	21084734	1379797	4527733	12335042	6575452	7921976
319236.5	295153.1	2537.107	2565.798	0	271533	969826.1	211218	81243.44	248063
116093	108262.3	3399.749	0	59272.11	174962.3	239390	101727.2	0	34743.3
260781.4	202473.7	85036.98	116091.3	137507.4	500223	284520.7	320136.4	35330.76	57930.98
887784.9	805418.9	0	13670.9	123815.6	916403.2	2478560	2078554	137289	500872.9
79444.97	51895.32	0	0	30393.48	44280.4	243690	157616.9	90856.89	68236.15
1040770	189395.5	843531	912929.7	960519.4	1408540	874672.1	1082713	837075.1	983017.9
12081854	9851125	283759.5	135182	861310.4	21908208	26133539	20292692	2449670	7937235
6388316	6149748	9629.377	0	355948.9	5333121	19234451	12491392	549335.8	5031021
208563.3	208539	87166.87	599899.2	283778.1	147609.3	124814.9	41966.03	141653.1	572150.5
115775.1	70465.42	10284.8	5418.981	65772.3	306817.2	307649	138847.7	29086.21	53474.71
23627126	31195500	5588726	40446769	24888665	5881022	17713519	79127830	6587803	7612313
1855111	926628.5	445222.3	1071121	1561918	1845122	3379610	1909139	819085.1	1109812
9913049	14770668	502418.4	91020.85	144566.4	2227292	32702279	34514725	196656.5	788489.2
1424892	1351405	1494517	1103476	3345937	591986.7	1742204	3544154	21437.63	1542446
1279989	828858.2	388474.3	421013.6	1052392	3224728	2330600	1471047	179594.6	679682.2
952205.7	1156714	321104.3	282024.3	359370.9	1003337	1881155	2987255	232879.9	249562.5

625857.7	514464.3	127437.6	133997.7	170908.7	578036.6	1575146	1126682	155050	352552
250343.2	133222.6	77940.99	66633.41	213111.5	745314.8	360177	193373	77426.97	244339.6
182199.9	159351.1	8495.371	2808.513	39593.25	389633.9	306620.4	83621.01	28297.95	122408.7
361146.8	286461.2	228848.8	93806.86	123377.4	318903	1484010	421016	63513.19	820857.9
316277.5	204846.4	88471.38	27807.2	157269.3	480817	606516.7	376217.6	30586.8	195139.4
5652600	5664610	30156.71	15645.49	194702.5	4955158	16863332	11734321	376685.9	4133941
515915.8	360817.6	23707.04	27233.36	87991.57	1187490	814885.8	704136.4	44034.54	241960.8
120830.1	116004.8	2869.294	0	8626.291	29763.69	417016.3	233034.7	40615.86	50779.92
318407.8	137253.5	284003.6	466194.4	332520.6	273239.1	342588.9	461408.5	198525.2	255724.7
61048.11	62750.58	9371.804	5520.242	13666.88	192811.5	158808.6	156074	0	8050.217
486414.8	355759.9	21843.13	4093.741	125801.5	1254394	593469.7	712030.7	45615.3	218612.3
1632876	1100025	9796.573	25261.69	6698.737	342171.6	5867001	2978579	143021.5	967834.5
3364594	2937480	213847.2	186870.3	240601.6	1075986	11271943	6784867	1376711	1187184
5512164	4966932	2332919	715942.2	3799723	21430691	5854373	12754067	379012.8	1676229
1342359	1387627	7134.077	0	108222.6	606429.1	4409007	1733761	25639.49	729662.8
227086.9	163165.8	19725.66	32897.3	252454.7	573692.4	455914.5	296197.7	0	119467.2
114500.8	79577.12	13673.63	3374.03	42337.47	323467.3	312833.2	113415	5077.991	81961.97
565547.6	380812.7	129030.6	36419.79	242362	2000392	1039652	456988.4	129275	315877.3
705074.5	671804.5	2507.269	0	42695.72	463469	2233158	1394631	29599.03	625346.6
1549595	1023968	130404.8	60417.13	349144.6	3763910	2157900	2007093	203887.9	742381.7
28325890	30585905	3137310	2533756	7433085	4168622	1.82E+08	74424842	12266.33	6545801
192674.8	71171.44	150972.2	255712.8	230577.1	218528.4	163740.4	196822.5	204198.8	277435.9
14289584	8789832	459505.3	317205.5	2746214	41130171	43077507	21674954	4017142	11899038
5720798	3930341	1068301	8807187	4397702	4866948	6244192	6300559	2313740	4992339
2452269	1793559	368847.9	351889.2	1225660	2559693	5825748	4959310	351616.5	1143756
304957.6	228375.1	67548.29	41094.06	120187.7	517494.6	552437.1	285317	40850.22	142178.1
477511.6	283196.8	184811.3	56274.24	185347.1	236636	1326522	780914.1	13153.66	477862.1
24678980	16649334	9169179	4481775	16334022	76508006	39634163	45037625	3430610	12265725
1076809	735883.1	73209.49	137492.3	367143	4626279	1570631	1361392	436939.2	338400.1
733511.2	879561.2	215651.9	212300.8	321696.3	1716061	2033560	417764.6	71516.98	291835.2
4297366	3391596	347586.8	147800.9	1480519	10084247	5798595	8501489	317279.3	1771117
278090.7	220882.3	48362.52	33870.59	181447.8	700753.9	695203.4	482085.9	15805.02	67350.94
200250.8	105248.7	41682.26	16096.66	110029.4	413796.8	286106	229874.7	40645.14	161574.8
2355781	1589753	413736.6	96637.93	755001.5	4198519	4528804	2679805	341099.5	1282306
3259691	2302026	29686.95	4920.434	197051.9	12695506	7567629	5882011	346245.9	1770184
421988.4	516022	28244.98	44335.41	136071.5	184504.6	1236552	130884.2	22559.71	164759.6
1288207	2463155	10151.67	10665.63	72791.28	3892063	4704301	5692601	242674.8	75030.4
3.13E+08	1.79E+08	58531758	32167055	1.18E+08	5.65E+08	5.75E+08	3.25E+08	67128440	2.25E+08
705269	621563.7	185010.8	283383.5	467482.5	1365028	710070.3	712480.6	39387.99	220669.2
362912.7	253442.8	120626.7	69923.07	356436.6	260479.1	760883.4	322972.6	35423.2	234710.5
836122.8	622732.6	7844.727	2507.224	43648.77	3318134	1898823	1586214	58867.22	416494.5
116751.2	150357.9	9012.941	7658.431	19565.95	113524.2	304293.4	112681.2	17319.45	71670.79
698308.7	653309.6	16130.06	2210.036	32440.08	1146126	1629654	1291315	135513.7	352437.8
1171282	825378.5	247257.1	64957.21	563131.5	3490567	2665832	2179240	65092.77	649213.9
441732	331370.2	130663.4	67717.9	194341.4	1733000	596316.8	600508.9	139289.8	39825.48
240904.7	148092.8	72105.61	64920.95	240569.2	699294.8	325545	398521.7	34494.48	370578.5
64221.49	47161.64	7989.746	49879.08	25688.78	205962.3	92508.69	100415.8	23046.62	25711.9

778181.3	816316.7	6394.832	0	23745.27	2582226	2315529	583717.8	0	146543.9
1818449	1786562	153499.8	20728.35	777659.1	1883629	4559575	1489641	13362.44	404636.9
29352939	40169932	3058267	1595298	3857123	24949548	79158167	99185189	47105.61	25933544
3752277	2382073	791142.6	602000	1817404	9573234	9427836	5428780	760041	2231942
9426541	6420291	3736225	416644.6	6037189	4383335	24908143	18162071	4305045	4292054
1732180	1408801	76883.51	51192.52	781776.5	821874.6	9921571	896072.2	575331	2361045
4778016	4945080	1657868	964642.2	5452555	190620.1	11235535	9984881	13673.84	2478504
2356325	1668973	199389.6	150519.8	727806.8	5296549	3541855	3818447	313312.9	1048248
260034.8	248467.2	0	0	4648.047	247566.7	775498	476828.3	18997.81	202035.9
646442.5	642114	75720.84	54312.76	44848.83	1844256	2002886	819392.6	8139.769	267823.5
3171350	4037929	91644.04	21795.3	507265.2	2999929	8687287	10109589	21374.32	2419290
210730.7	131850.5	49201.42	17756.76	159466.4	500326.5	506375	340550.5	25531.65	124264.6
209201.1	170810.4	15176.6	3247.435	36185.03	481579.1	329302.5	211269.5	10500.87	100844.3
153124.7	86196.27	27910.37	30212.59	92812	174771.1	338492.4	222882	25539.94	145679.5
1170686	890487.8	183289.3	52223.1	368286.7	1905059	2427100	2089294	261682.5	306077.9
124813.7	118425.1	34297.61	45385.91	112809.8	255906.3	283534.3	146757.6	9612.416	96479.49
67579.95	36185.48	0	101746.2	64246.81	135162.4	76980.82	43236.46	126717.2	74514.12
3216443	5016110	192855	3969647	884315.3	6087074	1280796	12092438	193297	888483.2
472230	525628.6	37663.66	22533.95	304840.9	806548.1	1777131	174168.4	10781.62	163879.3
244126.4	176725.4	62176.1	38131.61	117670.3	648066.2	581397.9	322420.2	7953.492	115055.7
529576.7	380618.9	87900.12	82294.5	193972.6	1112338	779835.5	696310	56193.57	191868.3
279279.9	290992.6	2226.889	3627.156	8101.572	356226.7	1489737	789062.4	54390.66	158656.6
3736253	2268799	633884.8	517594.9	1777707	4741282	8380551	5735071	517110	2302787
158626	107535	3748.874	17293.98	29001.31	299533.5	318154.9	202371.5	20474.7	72963.01
1108236	583678.4	301995.8	192096.4	902001.6	1951399	3079984	1117237	383949.5	745824.5
8162289	4787259	1397013	873210.2	3150696	28141033	15652285	11470748	1458427	4679595
117994.9	100174.5	0	7769.517	45748.85	454923.6	224328.8	75782.54	4813.387	87440.07
238246	173684.4	90496.19	124959.1	138692.5	602423.5	418163.5	364803.6	73327.55	60390.27
7799110	4987355	1432882	707000.6	3060193	15717583	12559672	13547830	1341991	4174084
243469.2	368289.2	0	0	0	486392.2	1130108	115739.7	0	116952
1070864	886386.9	201959.2	85995.42	412503	2914979	2839194	780417.5	148564.3	863050.5
12511948	18157518	120588	522203.3	1549961	8387504	36636315	44529230	185801.5	7416270
276586.3	209103.7	59002.57	87760.63	133785.2	662986.4	685228.5	211093.2	33720.21	168722.6
81280593	32775879	31507432	16983758	47342916	1.53E+08	1.14E+08	90188656	28867048	72161460
354271.4	213688.8	31559.53	42188.02	34462.86	677324.1	714723.3	487992.6	51507.96	231396
888975.7	502830.5	353097.9	249527.6	829183.4	446490.1	2002577	1056204	303727.5	649232.1
156565	128132.8	33010.25	29652.9	25426.64	284727.8	288199.7	128149.3	22766.36	56269.86
1022961	657836.1	286521.8	106808.8	639032	1382091	2034708	1167112	127482.4	585230.7
671260.5	588391	463568.1	360572	945016.5	262718.3	1896577	1659905	493752	270130
209296.3	128104.6	137433.9	207606.6	141617.2	57076.86	388592.6	365426.7	65541.4	101284.8
1089096	1071001	197612	11155.01	314091.4	1895332	2091403	2386275	0	80615.29
223286.6	198655	0	0	4662.404	305441.8	594246.6	366677.6	10482.08	194233.3
271072.1	311271.3	8482.486	0	69686.32	704485	297973.5	677598	5739.622	48905.25
1499060	1681105	102492.8	110166.9	267228.2	2081959	3488206	1019717	185315	1010868
82162.3	47869.64	6859.424	25840.02	53494.44	49708.83	213646	97664.69	8364.336	71446.67
840965.9	524717.8	176495.2	58251.38	401331.6	2865077	1545053	967586	209853.4	442649.9
3808786	2384325	410387	292181.3	1403720	6276932	7916369	5039777	569558.3	2168754

75645523	43674925	14088088	7353844	28423518	1.38E+08	1.4E+08	78526691	15557930	54279875
65011029	73107905	350667.5	642083.8	1427871	36849646	2.11E+08	97457749	126105.8	29057656
7922494	7368838	201711.5	39650.59	1755611	4729242	24745605	6754561	10883.21	1964036
694882.3	479820.4	280394.4	94996.4	425045.6	1150791	2140597	696870.6	124212.2	470154.5
1432254	705632.9	837866.7	704049.1	859019.1	2692449	2897140	1440952	478557	1286278
776266	563969.4	158905.1	182608	55055.34	1405769	1497086	1410407	81429.09	454153.1
48922577	55083831	2805986	3050203	16053712	6850384	3.1E+08	1.35E+08	0	9789907
176123.8	114294.5	209781.9	236300.7	170123.2	137238.8	39860.7	214346.9	72049.44	40319.82
853042.4	622285.1	165957.1	422850.8	409861.8	1571509	1152374	1036579	34308.73	379346.7
27535411	21643015	500795	319320.6	1832195	50938958	60516079	47411210	6506973	18707932
10816649	9365439	243899.8	99540.13	721495.2	21030229	22492104	18353484	2088090	6419090
87185.54	71858.1	3168.926	0	4626.638	24129.24	574391.8	148002.8	23482.16	22171.64
146543.7	105900.1	38084.65	49561.38	69537.85	245041.5	465367.8	85319.1	11089.95	142623.7
345753.1	223566.8	13141.43	8788.721	119479.5	518610.3	803138	564895.8	121989	352010.7
768524.2	125353.1	324586.1	398665.6	405210.3	1962951	1223974	610186.3	944497.4	695767.7
1130695	661147	281960.6	166028.5	395632.9	2215929	3673491	1701893	399317.7	522015.7
6428493	5918460	1029324	715609.8	8551179	587211	15640816	11104255	0	3642839
803469.5	537432.9	64639.27	76398.4	207314.9	1798636	1261972	1199314	81389.24	377356.8
6412069	5193431	133433.6	75758.04	230886.2	11740125	14328831	11523201	1258182	4250647
420328.5	417097.6	317555.6	506095.2	349473.6	603964.4	25131.59	786857.1	30134.7	98259.6
616683.2	665750.1	737663.6	684837.7	0	886519.4	1285566	1608088	0	729284.9
40158031	22394084	7591856	8770570	21451455	63614640	74942261	65291859	8340200	31195076
406083.8	265884.9	67857.4	22936.2	169647.8	653523.3	831238.5	457560.3	56744.16	227029.4
3517044	2331227	840720	768892.7	2535311	10346680	6066973	4165172	475413.3	1795428
206549.5	196300.5	55573.13	586727.3	358486.4	117625.5	101170.5	83793.13	125240.4	554930.6
7702758	4563239	1298397	1212179	2859234	15549892	12447039	11093389	1502411	4544781
512860.7	359876.4	36058.79	8421.349	118866.8	1009063	995264.7	635455	29879.57	270266.4
2858685	2087473	59608.25	77807.6	3836493	2556223	10865743	4296934	39459.97	2332326
90230066	66814317	21301134	34437338	73477780	2.73E+08	1.26E+08	97000706	14966986	44000621
5617488	3472495	982768.8	2444454	2817089	7911129	10586151	6761573	1143534	3661816
1659260	915391.9	1509305	1911805	1620846	1780394	838862.4	1959096	1074146	601915.3
8723300	5207635	295926.5	183323.1	1275300	19112941	16012763	11953609	1301380	5170960
2735598	2522765	621149.4	164492.3	1610340	5542367	3624692	4664084	165431.9	450636.6
262477.7	116365.9	135533.1	177955.8	157684.4	512400.2	464249.1	154604.9	168755.6	215186.8
235362.6	180668.4	68357.99	62858.01	216552.4	727202.5	305731.3	272175.9	18494.13	88530.31
830112	499986.4	123130.5	20279.07	307079.3	2365040	2129357	565486.1	263328	750515.4
1154191	829594.4	143955.1	54836.8	165739	2329490	2183838	1179597	111140.7	629014.3
236172.5	189295.2	227342	173638.2	170985.6	260604.8	225147.8	94042.67	556200.2	110202.1
72285.44	61576.96	18263.11	17414.99	4534.684	183797.9	211475.8	113802.2	4855.267	31313.74
253373.3	338724.5	25296.63	5458.84	149513.5	647973.2	173431.8	255731.5	35618.52	45097.28
118916.1	82724.65	61989.96	58983.99	27545.16	286945.4	250245.9	94872.1	32727.96	98368.82
1045675	632831.9	340696.8	263561.2	1548871	646401.2	1836615	1398722	148904.4	743840.8
6562006	9028322	222543.6	844814.9	185650.6	9325129	32524159	3144165	299611.7	562412.2
210592.7	189500.8	47550.03	57256.89	102939.8	555540.7	113172.4	82578.44	0	151251.5
262647.3	90569.03	24923.5	27045.42	90417.83	236793.9	736571.2	383007.8	146480.8	219779.8
1376607	971240	254310.1	92771.5	910878.1	3771646	3064901	1075025	215836.7	834842.1
286363.8	165953.9	129436.7	34870.21	140327.2	197749.4	729344.6	223213.2	104132.1	366545.6

4154054	2456973	1006080	1085907	5977878	8760059	6572404	7651400	758851.4	3938562
4240824	4525366	29707.93	9414.86	0	2519266	13975857	9911821	74490.85	1739916
12678020	9296245	397866.9	269441.4	1867976	24295776	26461938	20532287	2944943	8297591
22379016	20998429	56297.3	43760.19	1032822	38279264	1.03E+08	25182528	4029600	19075965
761685.1	691801.2	164880.9	205001.9	190551.7	1861482	2131534	579115.7	123493.5	132311.7
3064126	1937444	587278.9	241704.1	1229202	5301457	5908162	3214213	579504	1711204
798195.6	997859.1	675477.2	1150177	777219.4	230722.9	498947.1	2557743	457396.8	190131.6
181142.7	153596.3	50389.76	64754.03	137975.9	565896.9	247177.5	418630	51709.47	73020.49
1464571	1382950	3954.665	2552.849	77136.35	1377647	4419217	2758377	156278.1	1153080
61343120	44585082	26974893	1.45E+08	88392978	47403403	38979518	31845551	40143600	1.4E+08
264330.6	115043.3	106089.2	297671.4	300856.2	443878.8	52854.22	224232.9	117528.7	337890.2
474759.7	358935.2	46751.73	65034.64	223854.5	1625478	888134.4	591038.6	3713.624	194800.6
11606459	7649162	2704506	2767976	10294951	30356843	20640988	15083672	1537596	5729059
59195.19	37002.99	39147.14	11982.87	88789.33	41112.97	84804.66	54868.4	0	100133.7
379385.7	220081.2	150682.3	120566.9	205625.5	884068.5	804300.3	373549.7	74562.75	269319.8
938928.1	566348.6	86228.72	53285.35	239450.6	2056161	1583726	1451797	169499.7	519755.6
519223.3	459884.7	155282.1	169098.3	382821.6	1746698	634091.6	309154.1	69988.25	303202.3
326647.3	268753.4	49630.55	26518.12	284115.2	954613.3	610749.5	189875.9	51232.52	198478.3
1781315	1122003	312387.9	318946.9	947785.1	2455045	3732405	2612529	250163	949082.2
437633.6	315547.6	31083.52	5907.219	202290.3	967717.7	659923.2	791136.8	45021.85	251422.3
1017904	1004953	5207.613	4035.397	19406.66	77906.81	3786343	1532698	255971.6	701868.3
348361.1	234052.1	124152.5	167184.5	231606.2	495227.8	539789.8	443275.1	54445.55	145987.3
16362723	14094866	403495.4	60218.59	622472.2	1017222	61027959	37790037	3369745	11661080
2079892	1795705	0	8685.665	168980.6	3816213	4635266	2821617	29610.11	374915.2
283937.5	272235.5	21184.84	39881.58	43274.03	326548.7	739413.4	155696.6	22315.63	198564.4
241691.4	149081.4	0	6329.056	0	528199.1	482438.3	354405.9	24861.35	146274.2
180896.7	119782.2	58252.13	119030	87846.93	336122.2	204133.2	227175.1	50123.65	54740.89
1535526	1093970	337901.6	192693	1088178	3690744	3616711	2685502	156788.7	652178.8
2762928	3872930	976815.2	297083.7	1279166	5372696	3214191	9649617	347062.2	1092454
803893.8	1186215	0	0	1174924	728290.1	1299668	0	0	0
206361.9	134220.1	50823.97	40547.15	114911	423883.1	273328.2	168322.9	13404.48	231558.7
2912277	2411552	1047815	755656.8	2200327	7436683	5408138	1392710	312737.2	1899251
9493389	14095140	1578946	1399163	5651235	2203601	52677894	34353374	6158576	284044.3
238977.3	188132.8	49310.39	38811.96	145839.2	789565.7	394997.6	175334.2	27845.2	125407.5
172394.5	175863.6	7194.108	10438.24	7483.748	455334.6	583680.8	229471.7	0	62179.65
1513713	1728500	402947.7	28485.1	601884.7	1113493	7628923	1497169	282991.1	543523.4
5135584	3760268	1765812	1607051	16310204	702468.6	578200.9	3367068	5892268	11389390
4722135	2898901	695167.4	639272.7	1443342	19656377	6469204	4830127	931647.8	2858302
1310977	723912	498404.3	405000.9	1080324	3666614	1829339	1388548	441665.5	766016.3
552816.4	363204.9	145951.7	78311.25	262893.4	929084.6	1001814	550225.9	81409.12	318772.5
854903.7	444069.2	252379.7	220264.5	431562	1141272	1745669	1020385	254547.5	704547.2
2805251	2783940	596278.3	426647.5	1243297	9013948	5581466	7512729	459644.4	1716819
1464309	986563	471960.6	601040.4	1257316	3140032	2806602	1835159	179672.9	666386.6
531177.4	345871.3	98075.51	134294.7	757822	982368.5	1026179	547520.7	134388	429586.4
102310.5	145434.8	2413.641	2986.079	6971.54	213307	429684.6	39942.47	0	6438.863
25186195	19239504	309886.8	352472.2	920962.3	6753657	90789447	54291085	7473290	19695420
1670274	1185859	99696.18	129924.2	2049984	1650835	3334502	2335621	0	1574845

499003	112596	395847.2	538053.4	542617.1	403989.1	532921.4	654204.6	386102.5	392781.7
222605.2	221681.4	0	3250.319	16209.58	579453.8	776098.3	296689.3	102217.8	133211.1
686831.4	875504	17650.02	2050.529	10651.79	130022.8	2443736	11201.97	1980236	1215010
3730051	4494647	256274.8	16622.12	0	1604568	23638492	10564698	14574.11	1809709
85137932	1.12E+08	8822364	5947059	11819811	69902800	2.4E+08	2.79E+08	293354.3	54595544
1369563	1046775	55210.68	170238.8	309460.4	1828290	3414840	2164269	232158.1	862300.7
1020791	557917.6	286711.8	130627.2	1016768	473885.4	2522354	1620624	363199.8	592976.7
77979019	1.01E+08	1908445	969333.5	5900817	41365653	2.52E+08	2.5E+08	0	51045087
1077859	709356.8	3032.523	8278.427	41634.01	587982.1	3694848	1321491	685349	1826065
274384.8	283673.6	0	3020.227	26846.3	98026.57	946769.6	534506.2	11797.33	184562
379084.3	338152.4	86880.54	101854.9	266613.1	465592.2	1343969	320030.2	61258.11	90367.9
228985.1	136269.8	71694.27	122992.6	175748.1	380840.7	284226.1	437378.5	99209.44	123098.2
78443.72	51095.49	22498.84	37238.01	32489.74	174836.6	182210.2	106863	5376.592	49515.71
289076.9	185677.4	6242.675	0	70067.99	855895.8	800692.5	390171.6	139504.2	109564.6
199272.5	236562.2	190555.4	189078.6	106395.7	237829.9	125268.1	94958.59	67346.54	79838.54
312920.9	327933.3	25926.47	13076.01	59152.62	741425.9	452136	316478.8	49066.55	65247.09
470879.3	278681.3	154251.2	195068.2	430864.1	1082373	778932.7	706090.2	87978.24	272685
8217177	9234406	5001490	1739199	14221647	693754.1	12818153	23250885	0	10536623
567763.5	564440.2	46214.35	40258.57	363299.5	1003334	951537.9	629600.3	56801.78	167422.1
237889	144328.2	201727.4	258315.8	189593.9	181715.2	468898.5	414767	174113.2	158190
353154	310937.3	170002.4	97200.74	184144.8	235192.8	826218.7	806616.4	96456.29	85446.24
735520.9	675463.4	15025.02	9391.864	195361.6	3896515	637462.5	1145808	36536.34	227136.7
412371.9	519325.2	81390.64	265201	129418.4	423735.3	808269.4	126970.4	30748.6	501332.7
237659.9	197904.5	116653.1	20403.37	200027	778720.5	282552.9	459021.6	12073.96	94148.17
2662238	1638899	461012.5	536898.3	912504.1	4551172	5169603	3228575	547902.1	1425851
148423.8	144406	3269.029	3874.12	10184.91	110846	468444.2	195912.8	0	36068.81
243653.8	264856.6	3689.419	3670.351	0	181062.7	778308.7	321007.9	0	228617
454622.9	304302.7	653708.2	866809.3	272336.7	360564.9	351342.4	883282.8	602805.1	401206.4
880978	617715	171466	98419.67	634880.1	2393428	1815534	915075.4	62474.28	545871.7
432535	312941.4	34804.84	16469.41	161572.3	730224.9	911990.5	650769.5	42147.09	229564.8
1.69E+08	1.21E+08	74090569	3.95E+08	2.4E+08	1.31E+08	1.08E+08	89141182	1.1E+08	3.83E+08
3677422	2440235	387407.2	228545.4	1354945	6093824	7802927	5363106	350984	2804842
17910370	14872762	6183490	2691290	12962945	3653281	49586198	40274255	506762.8	9924119
1097416	931462.3	196122.7	227771.9	230360.1	1493588	2521245	2639483	287134.8	439897.9
139755.9	79638.01	98168.27	67059.9	81656.54	316952.4	213116.4	108856	38146.75	111096.6
604484.3	869237.1	216462.4	316289.5	428165.6	1034437	476077	239050.4	0	532686.9
6103067	5215839	157462.2	312270	4521500	1678723	18401517	9008020	66901.78	1780272
937068.6	577326.3	157026.5	80964.49	888453.9	1316804	1707059	753864	50105.65	1095051
431779.4	473526.1	173121.8	335770.9	1128080	389005.8	482473	1237642	17029.7	376778.3
5824124	3892464	6518695	2751151	14229338	2057698	7186199	12271169	3755358	6725782
486168.3	406403.9	136815.7	223453.1	309761.1	942659.7	516672.2	912715.3	50450.59	218373.6
332142	314198.6	6941.1	2521.806	8378.512	27220.16	1244058	803922.2	108215	270542.9
358186.6	275327.4	27381.46	4186.516	112738.6	182890.7	1140488	803534.6	361850.7	183093.9
171826	123292.8	19913.67	10862.77	26837.73	345935.5	330968.8	170795	0	123771.2
302125.3	332584.6	82572.35	100597.8	121558.3	377947.8	594224.4	235763.6	59197.81	111212.3
4203980	4078241	135758.9	378500.5	10114251	3119430	11160219	11078755	142308	2972558
1902260	1307210	13791.84	22959.84	201739.9	5960280	1634628	2194536	234588	3362504

449030.1	311490.4	25364.29	18930.25	142608.8	736192.8	1002069	706524.9	20211.95	308990.4
1790777	1826436	0	0	62537.58	5684433	5243882	1351012	12429.65	445261.7
176640.7	130459.1	13751.04	26279.51	30042.62	409874.6	273985.4	80454.02	40314.42	134537.2
5771612	5068924	168223	185393.1	562930	10198392	13075086	7679736	113018.9	1335238
11415662	9122486	676308.8	597595.6	7962510	9391401	52226948	16647104	4314.493	17485483
3944062	2928940	287038.5	142221.2	1273075	13864050	8091659	5016935	360938	1378871
5890586	5147681	108807.5	65107.19	369932.8	11459094	12651860	10146639	1132803	3594682
3.14E+08	2.28E+08	75593872	1.23E+08	2.51E+08	9.24E+08	4.34E+08	3.42E+08	54493241	1.57E+08
20421956	8532870	7890308	4109146	12083328	39489189	28523024	22814475	6901808	17742562
149118.6	116788.4	55599.33	52065.38	97819.33	432485.8	222318.7	132380.8	25807.05	55695.37
470779.8	201355.7	219034.9	232432.9	304310.5	631207.3	1245675	722572.9	211966.7	364063.3
7197066	6113943	1271769	1760165	4458741	20186328	14276443	9087760	664081.8	2768213
3.97E+08	3.85E+08	3.48E+08	2.27E+08	9.34E+08	1.13E+08	6.54E+08	9.6E+08	1745596	6.1E+08
967972.9	862269.4	38276.65	17001.49	119109.6	1145479	4817382	2478751	451291.8	387416.4
852616.4	581094.5	56922.29	37238.98	240171.1	1894354	1435067	1498587	105353.3	388772.1
220895.7	175620.5	15041.96	46676.35	48988.41	251826.6	573915.7	135092.3	22687.51	219191.8
95850.73	60621.75	32168.5	44272.07	50405	151622.9	152031.8	85108.99	35759	94124.14
979977.4	760292	146884.3	82236.95	379775.6	1614026	2005872	1423847	17313.07	349824.5
1361521	925748.7	161888.7	42126.54	561672.6	2226435	2902345	2193535	109113.9	929646.9
3897304	4910323	10478.29	69652.79	1365871	4803241	18531780	11802297	208115.4	160122.6
236406.9	242066.2	26298.4	20947.92	131870.8	84955.93	703474.9	644623.7	116897.9	121473.8
5748002	5003019	79702.89	11735.39	911002.1	14188438	8908183	11791965	127179.3	1093373
4222936	2629551	453123.4	187450.2	1551875	8220068	7939779	4035878	733301.6	2940845
1553307	683651.1	425446.7	270217	932492.7	2993425	4234217	1961673	451335.9	1317326
85366.39	56722.91	20380.66	40044.16	57908.68	169520.1	194750.7	160062.5	9349.444	78680.58
172182	78388.95	141889.6	65788.83	125049.8	332047.4	273438.8	54041.39	133490.9	248404.3
527830.3	420986.1	183827.6	164072.8	275794.3	167675.4	1448767	1151403	104729.5	249686.2
1167123	999915.8	42671.8	76064.01	766631.2	888625.3	5503904	890120.8	437685.4	313632.2
112728.5	85325.91	19237.23	25748.71	47606.2	382094.7	190645.3	111179.8	10860.95	74850.49
101475.3	112263.6	0	0	0	0	699473.6	155722.8	0	18919.77
565591.4	407274.6	51902.93	13342.06	152442.8	1287581	918807.6	1053225	51613.26	247984.4
522095.5	544249.8	50714.47	25515.84	138557.3	1375019	574022.6	937758.8	48189.9	213393.2
2431790	610738.4	2044124	2446374	2353077	3286962	2462606	3166491	1923053	2293750
264143.3	185903.1	48832.52	20347.64	82440.87	586804.8	404077.7	185075.3	58171.06	170149.1
578786.5	738061.7	46163.48	62226.65	209935.1	245158.5	3226461	131173.7	98009.11	597737.5
272892.1	399562.4	74504.8	146216.9	751763	16299.65	91551.48	978320.3	0	138497.1
377368.4	114517.7	265720.1	416583.9	434686.6	373172.1	320444.6	457226.7	370824	189908.6
1326429	688336.7	441315.1	549525.5	802722	2211925	2011876	1864658	559367.2	910642.6
1376430	775736.5	624664.4	113222	222254.5	166131.4	4564354	2392404	1666388	946678.2
868142.1	554291.2	177744.8	46512.61	356042.9	1580963	1636275	1042927	149101.4	524931.4
626234.2	807115.1	218830.6	239832.5	853743.3	425796.1	894151.4	2065955	206255.3	205451.2
344375.9	289976.4	11487.9	3727.224	67852.38	323686.5	1783349	799314	15243.02	247797.6
374212.7	325315.8	53748.95	91623.38	194563.9	710666.3	572143.3	833142.8	35435.02	148753.7
305026.9	286266	2337.368	7752.926	15735.54	317585.2	908499.6	778652.8	67671.27	194295.3
505820.7	376454.5	159957.8	43125.39	319806.2	1526006	888883.7	373517.4	67837.03	296961.8
269425.4	114758.8	254499.7	299532.4	173889	246601.1	300875.4	99161.91	324738.5	214784.3
817144.6	572851	195451.4	166178.9	515738.9	1515052	1221981	1532949	106257	388423.9

209496.1	141964.4	53125.78	252401.6	270967.1	293128.6	275418.9	301809.2	77345.7	80643.38
22192368	24233614	23320840	13268393	26049407	5320456	61132278	59747234	513562	6300896
4.77E+09	9.49E+09	1.29E+08	57956367	51788461	4.58E+09	2.76E+10	2.17E+10	64185005	1618086
224671.3	155396.4	51391.02	91267.39	184787.2	605620.3	344599.4	426908.4	38482.03	118990.4
6161847	5444945	2481950	679423.8	4130574	22937190	6503215	13842817	319356.7	1807085
96693744	64318642	36021599	17627005	62249761	2.91E+08	1.5E+08	1.78E+08	15321952	49556250
124737.2	80750.13	12095.8	2718.187	32036.89	259724.1	232359.8	166903	11351.41	70002.03
12933328	12535415	667492.9	727734.6	15818831	10355645	50701654	26900952	3388955	5310367
169526.9	117871.1	38451.62	17609.92	105788.4	483084.1	335575.4	102778.4	44521.6	109292.2
3982404	3875317	1231012	510397.9	3020965	1914700	17913276	6997522	656656.2	2670949
20814592	11088991	4171144	1992668	8069837	37300280	40250709	22934348	4325965	16027505
99369.99	110945.6	36145.31	52540.33	77964.99	102306.1	159261.1	237141.9	15987.93	6009.139
1028034	1251925	93745.79	1833919	501513.4	1904739	1651900	3177304	54056.48	415805.7
119882	94930.97	9636.073	2494.398	20622.66	234586.4	244058.1	100691.2	0	66889.12
184885.4	119356.6	0	3164.303	0	0	724877.9	303696.9	95557.13	109488.7
216873.1	168061.9	56785.31	28328.97	100078.6	519296.3	554479.7	183619.3	20893.39	158646.8
1931731	2027617	30827.95	54705.64	197888.9	2882565	4833818	2472381	149752	553642.2
1851009	3073537	769919.2	1105576	4177865	921065.9	4286029	7324480	10095.03	801899.8
4045732	2812274	1933521	1278507	3892940	885347.8	9675693	7462307	45955.31	2640570
2149062	3392010	219825.4	96115.07	326534.6	1082621	12631830	289872.9	72844.46	229863.9
19163471	14976004	537506.8	229379	1573397	36341804	42580899	34695492	4281863	12567658
847239.8	845427.8	199696.6	198947.5	216922.1	153421	2686943	2259409	265435.9	695207.3
337801.2	347527.1	3029.771	40795.04	53634	144977.7	1118145	780019.2	43889.91	194157.9
471025.2	369746	38693.72	54621.68	40829.14	858969.1	1018985	888089.2	16253.41	274229.9
2026119	1441368	46352.09	60211.23	163931.6	4007100	4362735	3362043	451009.7	2039850
376881.4	194332	227100.5	295135.9	44079.02	681968.5	463557.4	569965.4	158285.2	176201.1
8868791	11729058	4231820	2263288	5812283	98014.35	23590638	29089493	3120.065	5239299
598626.9	691726.1	268252.5	877788.2	565063.7	330276.9	537993.2	335515.4	30615.49	684550.3
510045.9	323171.9	260688.7	266689.8	84698.28	828583.8	844451.1	357321	302159.6	294177.2
404145.8	352629.6	85187.05	77575.48	35408.11	998588.4	522099.1	761427.1	128733.9	211786.2
77055.8	60197.46	0	0	19655.23	136333	172752.9	159112.8	9073.494	78337.5
962208.3	739314.5	1427736	1696425	244924.6	325616.6	567247.2	2251797	915979.1	492205
552242.5	424518.9	10467.45	12481.33	22754.33	925459.9	2427393	884674.3	87061.64	242154.2
428162.8	268499.1	31425.53	48434.57	298465.5	127692.8	1300732	407029.8	37702.41	632442
272384.6	214565.3	2667.526	0	99836.46	650082.1	411150.6	373208	4012.29	82987.5
558969.7	370967.9	46480.35	17178.16	119508.3	1263057	964360.7	823592.4	81252.85	240601.8
658790.4	395685.3	348551.6	323537.3	523467.7	344462.2	1416613	840211.7	47427.9	598435.4
15735755	18219914	4135508	2818514	13128287	20489292	53209226	44557539	296452.5	10533756
67838.8	41394.62	11474.3	0	30492.66	113341.4	141787.7	111163.9	7835.658	61123.35
445231.2	436467	59254.31	45991	393915	781265	1328425	248120.1	31951.03	130614.8
160343.2	158178.3	17614.02	16165.14	56620.97	313668.7	278992.4	199032.1	19352.32	50983.78
4696355	3524409	0	0	3211187	6268934	18749615	9704948	346083	5652327
8186178	8305531	551405.7	347760.8	4030642	6642160	39689570	9837893	70714.88	1662385
5717811	4815056	30274.32	224902.2	7053739	7486908	18769487	13065830	158440.9	3965870
789970.9	464600.3	19076.71	10902.91	227447.2	558509.2	2496276	1200827	113449.8	620025.4
606989	405984.5	66805.32	63776.77	378653.2	584746.5	1539085	1124471	163895.8	479029.7
452277.1	271799.8	159755.5	240161.6	166730.7	1098671	883961.3	537775	163628.5	205951.7

8876278	7746082	4365032	2452324	6580253	2489295	22271121	18802772	367394.3	6376872
2451763	1703967	131965.6	92912.78	71603.65	213192.6	9294205	3837032	4144830	2785705
713542.7	454963.4	112277.8	153007.2	182748.6	390810.9	2180922	1101437	258104.2	736605.9
447281.2	544815.1	3360.562	2178.054	3508.382	239475	1522551	1394222	0	227911.2
2540845	1578796	369983.1	122181.2	737042	5094367	4773258	3603492	343975.4	1379483
2640933	1404591	822453.4	864435	1520837	6073486	5549577	3347198	638370.3	1710778
138130.1	98527.89	22926.59	5927.729	39688.89	400050.7	340027.7	159537.3	7391.86	78422.85
1013052	774265.7	60477.65	0	15060.1	32054.89	3913385	2060979	491075.8	1208912
220135.4	136740.2	21887.59	17878.59	44609.86	845490.8	383114.6	256453	31683.51	133532.5
1.51E+08	1.37E+08	1.3E+08	73703274	3.4E+08	48390972	2.61E+08	3.51E+08	1994753	2.23E+08
484943.2	451561.1	476696.5	600638.5	342928.8	1245696	95407.02	930147.9	112826.1	57786.43
1872364	1278857	255342.3	129439	648627.4	3333293	3806597	2844415	188049.7	1115354
1380266	1887677	581830.7	547866.7	2847723	621713.9	1144525	4679476	7172.764	412068.5
9012870	8112863	274620.6	36100.35	598811.6	1576949	33460055	21656269	1676476	5285855
201014.3	164409.4	2793.787	3808.632	0	234954.7	596889.6	238205.9	64418.24	266803.6
128485.3	112776	69725.15	50647.04	94364.45	380114.6	142057.7	158704.8	23682.96	51395.96
9991358	6404403	1956173	676660.1	3983744	20260347	17049990	18352901	1858557	5982832
10277641	8334738	218285.6	128118.9	729013.8	18702928	23914744	18817988	2093957	6525941
681677.7	530665.9	10442.84	10009.07	12189.34	1044129	3124734	1129079	51496.01	383898.5
2079981	1874121	63795.24	64900.5	205076.6	3901251	4584352	2865678	14739.75	388964.5
1.03E+08	44142474	40258247	22376036	64747670	2.06E+08	1.35E+08	1.07E+08	35796497	89324586
1067961	1221495	103723.2	16107.03	471445.4	2757801	1102811	1224808	286016.1	143662.4
755549	787526.7	4197.187	6471.798	71280.35	1165779	1904829	1081682	53355.55	159152.1
6013892	5778062	1727258	1067734	4536783	17353744	10147491	5764910	615394.1	1853159
91257.93	52132.32	12956.73	9706.53	44021.94	176821.7	283903.7	101989.8	16020.65	64378.29
379878.7	303749.4	101695.8	70881.29	262220.2	961969.6	773655.3	459554.5	11076.64	129931.9
819189.5	629162.8	465333	76473.28	605661.1	1306974	2198810	1102400	180378.7	645560
90033.52	63350.85	5694.575	2148.411	15294.57	194817.6	316116.5	147679.3	0	48737.24
721921.9	648709.3	3700.524	12310.1	488709.4	245198.8	2250491	1127839	0	201074.8
82049.57	76826.33	5130.657	9211.84	6756.272	199711	126998.7	86700.34	0	39838.29
146839	113481.1	3335.333	0	28410.22	9111.118	550328.6	327096.3	105667.7	137007.8
381944.8	309259.4	26105.3	6176.305	149704	816510.5	653171	412532.6	91600.37	385233.6
521337.6	1016458	12226.1	2697.192	29972.37	1514722	1760737	2338954	79952.69	21022.52
1750465	1091780	278873.5	100845.3	637923.8	3083694	3597791	2304561	322867.2	1077735
1197225	753521.6	263272.6	389564.1	551825.7	2839257	2745018	1765344	166941.1	829885.3
39782458	38956755	1140349	891505.2	28752997	22109753	1.14E+08	27655102	2239086	7668534
391820.9	250214.1	23815.06	10204.27	75431.57	824655.3	767514.7	436086.1	44328.54	239436.8
2580706	3165547	1322486	6249925	869740.7	1235241	1167655	2714736	348235.7	1480371
891262.6	902291.4	5747.626	7666.62	46013.62	721123.3	2870169	2084829	80359.64	542665.3
655191.8	422858.7	9089.107	0	86991.94	1508836	1220843	878625.8	57846.84	380341.9
280803.5	269264.2	5412.137	0	24751.64	1098768	570821.3	629531.5	52716.82	146478.8
254339.8	236371.9	0	0	28456	225999.2	798193.1	393114.1	35915.61	217116
373606.1	265552.5	71955.38	56225.12	263776.2	914088.8	821216.8	315165.1	48833.87	228673.8
1132304	701913.7	814010.5	553750	2633171	369358.6	1923502	2378539	909308.4	764965.7
193320.3	133269.6	94720.23	117117	158688.3	304419	388195	365083.1	49587.94	146074.5
1202005	995066	13512.96	0	30058.94	472411.9	7289596	2728913	66727.95	649712.1
1465875	1353151	111204.1	33041.04	377253.4	4537413	1048494	1192464	100594.4	561372.9

151738.3	127489.9	16723.56	24640.54	85927.17	445895.9	306114.4	141411.7	5990.888	97241.01
8454807	1472112	1603308	1383154	4149391	20061195	10744001	7203998	10727381	8113542
5642746	4279037	924689.3	225849.7	991106.2	10252606	12067519	11466179	44160.46	3270003
1353942	867907	195680	225956.8	607311.7	4595469	2242205	1786619	181595.5	780236.3
949495.9	1023070	136536.1	201353.7	734645.8	739612.8	3918924	291934.2	143543.9	668749.6
108562.5	88129.69	18428.47	8081.611	32795.72	461160.2	133426.3	54833.65	30235.63	65832.24
441392.2	422918.5	28566.25	34908.25	33990.63	807699.2	972158.2	905297.5	31429.44	240572.3
852996.6	1114517	313236.9	446199.3	161100.6	1739021	933392.6	455534.8	192980.6	134054.2
7294963	4763978	1283942	426210.9	2802749	15033383	12585237	13332796	1159520	4117692
2907070	2950276	261212.1	398736.4	530370.4	2666685	8329592	1919968	231731.8	3812943
5282773	7084621	241162.2	560574	656336.9	31297234	1699120	17427614	207464.1	5595384
1110997	774757.2	163060.4	69809.94	303770.4	2140791	2184282	1053122	161811.1	589981.7
99639.67	60663.78	7281.33	18871.69	46592.92	203923.2	295956.3	172704.1	4362.84	99080.91
164231.5	131116.2	9920.828	5324.986	34159.14	380852.3	277485.7	327179.6	10495.4	56914.92
343900.5	374099.5	2672.136	3203.829	3320.974	567533.8	859032.6	578361.5	20956.1	194438.7
1320476	2150245	520509	536873.9	1403261	193102.7	5548087	386042.3	328263.7	372125.4
10133819	14616795	272776.1	15396.96	123958.6	1928272	37021255	34422823	59221.69	583288.1
2921462	2143998	506078.8	188484.5	1238284	9643825	5431780	4698920	260306.5	1731230
1321503	940142.3	276142.5	184991.8	950967.7	3278016	2811879	1108137	245564.5	795793.9
641351.8	345715.5	118467.6	66335.35	362878.4	1061119	2076895	629772.5	366161.9	342717
14432110	8950543	3443909	2923636	10069941	39828388	25396614	19356715	2050614	7904191
5200535	2800090	1774612	1226810	2819679	2509143	14437741	7879744	1846825	4388884
1175033	707760.2	265729.8	378764	1871065	1315807	2683546	1823697	90553.65	940834.6
24620976	15242515	6242809	6417951	19717874	64833647	41099268	32160828	3804293	13633988
1102481	1096126	806149.4	602191.8	1160256	2511467	1115323	1317950	144118.4	337940.4
335347.5	227858	394808.9	528869.8	500731.5	258304.3	138645.3	359097.9	202993.5	96408.19
1.36E+08	1.37E+08	6600373	3238861	63666773	69469365	4.21E+08	1.48E+08	5418429	17900854
1044514	777897.8	191077.7	30612.09	371669.5	2280296	1695121	946185.7	186326.7	514879.1
3173233	2230791	307253.8	120969.3	781297.2	6284974	6346032	3479596	368977	1718986
20296801	29406097	539069.1	40412.33	213314.5	3785096	74359710	69027430	132118	956145.1
331837.8	198396.8	142409.6	101116.4	216449.9	239161.2	784647	490237.2	33177.1	228239.3
368344.3	385177.2	68045.43	15458.01	251890.5	739030.1	515608.6	988837.7	3628.56	94062.33
4446045	4322155	979671.7	144290.7	2155308	11904491	3775813	7169913	313355.5	316290.9
181028.7	132385.5	20657.22	0	100956.5	419340.5	502729.5	334039.2	6144.569	101975.3
852703	274696.7	738875.8	673569.2	908842.1	719790.4	1059345	1269795	801754.8	744480
593345.1	300298.9	692570.4	786958.6	664505.4	395974.2	234004.2	644761.9	273742.8	289669.8
136713.1	54960.04	54581.34	58857.93	52766.51	49808.47	597320.8	180772.7	144897.1	87217.53
398153.7	444092.2	6508.84	8181.603	30567.86	563395.6	1054804	913727	47830.24	125531.4
1104275	863844.3	112712.2	87554.6	493602.9	1810623	2331929	1357547	54140.75	567188.1
283025.1	260200.9	37078.98	50823.59	88381.66	367737.1	678318.5	132612.6	25233.19	199766.4
1082767	706324	250477.9	219009.1	580166	1676502	2117971	2041038	284987.1	681071.5
7401486	7486043	219633.4	114507.4	3842185	3595993	23056576	6314325	1123472	1089475
219911.1	143540.6	31260.62	19743.37	123922.9	566850.2	512595.4	273207.8	35847.71	105223.7
2918210	3614458	367435.7	244324.2	1914939	11651126	3417077	8912266	285355.3	801288.4
3930389	4150131	26282.74	88933.67	1395845	10145691	11560379	3569827	230378.5	690238.6
203116.7	135451.9	0	0	16074.53	305854.2	906368.4	280038	47553.75	209698.6
417876.5	302953.9	117251.4	109878.7	498754	1234912	406593.2	820476.5	129903.7	103929

1087629	1151972	1581912	1005877	1041828	602407.6	1845528	230472.8	431446.9	2030208
161989.8	132671.9	9806.22	5353.072	30510.04	651709.9	269417.8	273344.6	4182.561	79762.21
30262026	17080676	4322899	2419653	14153902	71670154	41522152	51572875	6044801	22935296
439285.5	346107.8	36450.67	12570.27	163410.9	1234533	1101367	577967	29098.14	250071.1
2282020	1938111	190729.4	207528.8	91294.34	4044621	5287825	3884880	401046.3	1406881
107091.1	87426.39	34435	62468.49	138008.9	82583.46	166166.8	86955.85	4730.883	63416.2
1613702	982617.5	250199.9	327913.3	871644.9	2604504	3174975	1991844	269480.1	909959.4
1871344	1643358	51670	3159.106	291379.9	4875460	2773518	3897623	29250.97	349780
26714221	11770882	10456279	5644438	16870116	54761884	34113683	27393104	8929329	22758627
971012.1	567461	426748.9	304642.1	544852.1	1752826	1396079	1651938	288886	531548.7
1193629	804234.1	521895.6	356860	701128.4	1478897	3714168	2198994	0	1141594
706041.7	202629	197266.4	93488.28	526199.8	1446123	1648219	835013.5	484926.2	860632.9
3509549	3059821	2821.915	3190.45	107802.9	5352639	9452045	5492791	832267.8	2662798
1119758	658475.3	393430.6	266453.3	577011.3	1564617	2256308	1120003	285040.3	868264
331857.6	306666.7	44309.87	63799.67	57370.03	244703.6	995116.2	518168.7	50819.62	164861.6
793959.3	394299.8	164718.3	968593.6	408763.8	1414966	701083	547270.6	486491.5	501149.1
450023.6	451279.6	133977.8	1313932	313320.5	242843.5	570166.3	137115.7	223231.9	92842.04
456952.9	228382.6	454773.1	601368.3	500448.7	659304.8	210968.1	701550.2	290776	179056.7
134341.3	105243.6	9058.486	4600.299	22124.76	316505.7	230003.5	155084	8418.81	62699.87
88436462	53191005	23075524	23705586	70652929	2.28E+08	1.48E+08	1.14E+08	15292716	50448535
2195743	1558774	47277.69	56811.75	482044.2	5891217	3016055	2661824	325552.5	1046523
329697.7	328066.2	63018.73	12755.98	215614.9	76131.58	1017281	356411	33311.54	39460.46
17209266	10838708	4096816	3409055	10863794	50391504	28637518	24204222	2189107	9129275
164956.2	107160.5	2415.448	6605.446	13333.96	460262.5	479998.7	237432.5	12429.42	119252.8
10475913	13594967	8702903	1986998	15272783	2355541	16480029	33481871	52608.18	11922532
678177.8	449907.6	0	0	27352.39	331770.1	2453683	826133.6	420654	1149722
1157260	745074.2	518685.1	221811.1	2119478	1422099	985144.7	1743602	683522.5	774953.8
1266280	897967.8	33328.45	28957.07	579481.3	1638528	3245546	2257888	294034.8	1027731
633247.7	1225609	281991.1	507847.2	480830.2	1114629	139721.7	0	2820673	104951.5
753173.6	492431.5	90708.56	46956.57	192038.9	1934868	1030338	1182248	100050.3	383598.7
199153.4	56416.35	154127.9	202674.2	64875.25	178963.4	338819.8	289502.1	142476.4	162425.1
412338.7	324104.6	23277.96	10171.78	10896.54	119585.5	1530205	856567.9	186448.3	472354.7
455592.9	342686.4	46979.6	11789.26	224941.3	1018254	702430.9	847630.5	36423.94	249147.8
119888.2	88789.79	49153.72	52792.3	27084.95	127382.6	276833.7	138094.9	15633.9	149460.3
447112.6	191923.5	285031.2	280056.5	360655.1	765997.1	691645.2	556465.4	306808.7	399904.3
768455.7	636519	0	7647.507	0	485997.3	2694134	1084750	33437.31	738703.6
162056.4	132453.2	0	0	17889.23	218207.5	745625.4	248419.1	7475.336	151723.1
547508.8	660700.5	0	0	0	1317298	973584.6	1582160	15309.35	0
301224.6	228793.4	72665.66	92571.36	123794.6	643655.1	408630.9	328699.6	12759.81	126578.5
31750747	20195526	8087565	9774893	26819633	69440943	61802416	41501214	4229931	16855481
2432911	1706478	452682.2	258777.1	2854259	2886848	4505969	2182908	111108.4	2201799
3330217	1028032	568348.6	5812800	5590084	2233201	3653272	4907902	3840111	2761960
2023531	1975945	6767.003	5026.556	133176.3	1432117	6819814	3451050	88839.33	1875700
2900965	1971137	630615.8	355651.2	2081024	7489548	5775095	2415157	609068.4	1833215
16244724	11328112	645797.6	319595.1	6996621	24962906	38473794	29145557	4104231	13250524
671465.5	559742.3	269588.6	256832.2	100805.6	944427.3	2306303	1028463	53937.34	625361.4
1753432	937638.1	1813305	2748960	1393645	555633	1664208	1892023	228297.4	1767734

324295.5	216296.7	86024.48	48532.51	195975.3	898946.2	599264.4	291076.2	40723.31	219458.9
297124.7	199904.1	62269.57	60097.31	253433.6	683158.8	598368.5	331435.3	42165.27	155507.5
461542.2	363610.4	80699.06	115897.5	206836.1	828775.1	822645.8	453121.3	15355.76	200877.8
149159.1	144918.2	6423.634	0	19413.23	203299.8	406554.2	154352.4	12824.7	89809.67
679786.1	484283.2	94007.72	143911	323112.3	1600998	853648.2	1194937	52892.57	393722.4
322841.9	237509.9	51405.33	80410.9	66458.08	802193.9	419344.9	390117.8	34144.39	132709.3
275432.8	282200.3	78998.88	93899	96674.85	494554	821712.9	577675.5	36472.64	82939.48
1120787	705787.9	98498.15	60273.55	271493.6	2520794	1992596	1860634	194309.9	590132.8
597039.8	454958.9	106531.1	134594.7	142522.7	196448	1956804	1100166	63559.21	263871.1
775762.7	709755.4	15033.18	2539.118	50118.18	1119180	2126251	1557922	101828.9	491325.2
179878.2	124741.3	0	0	0	8275.177	723216.9	149629.6	142814.4	322075.8
919732.6	681865.2	12416.87	28059.57	561856.2	1325631	3433510	1682051	60660.51	1318088
955869.4	689312.5	356659.7	32267.64	806167.2	490161.4	2520852	1976765	338462.5	505603.6
447184.4	226642.8	81608.49	94117.9	435664.2	588716.5	845264.1	608089.2	69584.12	400445.1
666652.1	438550.6	83449.88	82275.58	143318	352387.4	2184707	532654.3	201399	618588.1
2371690	834556	2232524	3099935	2915778	1692912	1384633	2695148	1420995	1541072
3308695	2803737	477826.4	121516.7	343861.8	318627.1	12364940	7919092	1890615	1750181
2567501	1807464	359306.6	414041.6	1178113	5548307	3934604	4091192	260041.9	997315.9
3376250	1419462	1463195	738027	2219886	6581503	4542526	3885140	1060916	3100108
87697991	52139221	2868443	1502039	9406952	1.42E+08	2.27E+08	1.45E+08	26063943	76825951
355532.5	429533.5	39376.11	32781.95	144974.9	631307.7	674563.3	1100259	24436.76	222819.8
189647.6	208300.6	12277.36	18475.49	59209.94	534508.6	180545.1	432951.2	5516.83	16487.65
3097540	2083877	413129.4	165426	927568.5	5803569	6409364	3217522	437887.6	1870698
1671308	1078458	19495.43	9295.476	164560.3	2894046	4200761	2105548	310167.6	736562
273989.4	168625.6	226322.9	160364.4	277054.8	266675.6	545234.4	511251	48091.74	240215.6
912711.4	928800.6	0	0	16554.72	1447772	2415767	1492840	46517.23	624248.7
1509325	718490.5	495295.8	299758	893979.4	2327196	2884482	2060679	404583.9	1161878
661374.2	449695	71899.68	133465.7	303741.3	2088332	1174968	824477.3	72557.25	304587.6
84267.27	60921.77	0	0	0	6836.425	336971.4	143535.3	0	73447.21
220738.9	218185.6	51163.05	36108.24	82064.3	864836	265067.1	421343.7	37457.79	31431.57
459502.9	385604.7	63219.59	94633.57	186833.9	1512592	787618.7	463117	112586.4	46511.16
2201928	3163415	932886.9	783851.6	2939630	2056003	6107098	7666644	0	2106767
442201.5	273977.9	65894.9	21316.57	152870.4	876654.2	852677.9	454463.3	51642.27	324992.4
2663654	1985984	64702.59	93683.51	410237.3	4840191	6225218	4425057	602963.8	1533595
502194.3	548816	33203.18	0	209442.3	1327557	575956.5	733226	34175	91743.17
106647	84330.47	16150.09	18791.58	18985.82	179917.4	236013.7	243029.9	27871.83	76195.66
10399434	7126350	257328.4	142034.5	1574858	19934787	23666295	14923460	2683939	7879908
5483086	6398566	834971.8	2631970	19631742	6597052	2390181	3035239	169148.4	2926352
1155894	481114.1	547401.9	1821474	1493036	840734.6	738492.5	751852.1	1316844	1917182
577091.2	369280.7	157493.7	211154.4	248564.6	1143222	854224.8	717599.3	106060	265536.9
573617.2	432279.8	29420.31	34675.9	239050.9	1056958	1176035	502655.3	41426.4	426168.7
1005694	925793.5	3458.617	0	27373.9	1529836	2744217	1768226	203936	777305.7
733453.9	893744.9	0	0	64488.04	2969925	1373339	369817.8	5875.514	72402.31
4459682	3432361	161207.9	44321.55	1173823	6467339	11594870	7292117	800103	2463905
334948.8	303083.7	25177.48	13762.05	70560.89	679759.1	1165551	817150.6	72692.58	87732.19
2690545	1999967	297400.6	230389.3	842202.2	9378828	4796578	2352559	341194.2	1303455
226004.6	143430.3	27767.51	42964.82	152909.9	511696.3	529129.1	384800.3	27402.8	132722.7

355339.6	197639.1	72402.83	61193.39	155980.4	854882.7	449275.7	377000.6	111531.8	224467.7
80256294	50073649	2560091	1375579	7950167	1.26E+08	2.13E+08	1.27E+08	22807979	67242106
15051998	8666071	3736406	1790978	6962993	21062505	52400052	18252359	4436541	8869598
573933.1	506364.4	331891.4	285368.1	498705.5	1491841	587431	683113.2	100597.8	173681.4
2.47E+08	2.07E+08	16489126	16249597	3.92E+08	2.04E+08	7.84E+08	2.42E+08	20102153	1.07E+08
528635.3	321211.1	103839.6	64575.36	286819.1	1435758	1078381	776957.8	117184.8	314594.8
5589660	4245684	94747.56	198943.5	4197810	7367705	20449039	11874354	0	5689481
8398509	4993925	1400214	1691002	4435224	13821321	16639344	14178405	1405982	6228361
1070699	710788	104359	80301.66	297397.8	2460259	1805573	1844245	172916.2	477125.1
315145.3	230359.9	61253.92	22945.5	185124.7	738508.1	767915.5	287817.1	24445.78	181717.2
46564.17	45130.17	2456.663	0	0	47880.64	146789.3	96542.71	0	0
1149328	1280664	469666.5	253361.3	996184.8	1593165	3232810	3347038	138769.2	354483.1
4381811	2966414	0	0	1062673	3899627	13906661	7256124	32180.2	4774987
1255015	595725.3	330976.5	185042.4	725791.8	2886727	2831108	1632303	327469.6	979727.6
103791.9	67260.78	84711.24	97093.53	60238.08	87228.49	233574.5	139657.2	0	74309.84
118417.2	133543	37019.95	51753.27	42179.65	65739.06	313928.5	130492.4	4873.628	128111.6
3440344	3405395	5902.134	6621.489	171349.8	10016280	9934014	4515664	70849.47	1306309
502715.3	405523.7	110773.7	333724.3	337921	1158306	841538.8	485337.3	118113.8	131911.9
270734.7	248394.8	139520	87016.76	249193.3	451767.3	573098.5	674474.5	67678.81	270050.8
231552.9	155387.6	0	12101.77	127641.8	433376.6	460084.5	348840.3	29756.72	140996.3
1752912	1116113	388965.7	259474.2	1210673	4314196	3589977	1521278	352011.9	1132257
1322116	931164.4	238497.9	81749.9	639271.5	3276194	3229193	1025622	199031.4	814915.4
213317.4	192142.1	10064.18	11231.18	40176.84	81881.66	752112.1	452899	5620.131	45343.87
142217	91421.14	31759.69	61716.16	34926.99	387910.6	280878	177693.5	39405.25	111854.4
72468.15	81259.55	0	2931.293	0	61127.06	383134.8	189563.2	11875.94	37726.61
198774.5	253951.8	37946.82	31408.94	165967.9	351344.7	561377	71259.74	25627.6	131957.4
227189.5	178735.8	55808.44	33106.28	65509.04	111950.1	713919.4	395990.7	26523.9	251591.9
496105.2	159908.7	370420.3	333474.7	357634.9	460344.2	838895.8	360566.5	324504.8	575362
558727.1	517950	235147.8	67670.46	424340.1	1796285	658241.2	1316559	25341.86	136327.9
132477.2	110278.6	12229.57	3133.312	23283.58	363275.3	174240.5	244829.5	3917.114	49001.55
718753.1	748790.1	310509.4	183558.9	565811.4	1322534	815269.7	1902019	33136.05	147446.6
2664083	2045963	193601.4	107483.4	1273275	11085167	2955149	3741716	207662.7	1302387
2824168	1903407	560448.9	239784.6	1193158	5903083	4767486	5441681	475896.3	1578264
1169399	831027.9	42861.88	13817.41	511169.6	1647062	2952606	2204568	324096.7	973269.9
4006373	3922978	151011	15963.34	1022211	3067608	12784588	8953224	50175.33	2238688
1289306	719083.8	716164.7	395121.8	1091232	2714876	2069745	1631061	86351.48	1270726
901530	600080.1	152144.2	140906.3	369122.4	1730911	1661720	944853.4	36922.35	679920
497579.1	294080.2	169434.5	603905.4	399585.9	311333.1	1231958	721254.2	156966.3	330865.5
3804260	2414139	456098.2	269230	1560597	7775968	6990695	6509868	664525.7	1938965
2291358	2170967	435469	426201.7	423613.4	9726143	2504275	1852433	101492	775086
1324633	840854.5	309207.4	273297.8	622460.9	2579653	3623424	963248.5	352295.7	943447.7
12786115	17390308	84132.43	182044.1	1909275	11339284	39632134	11403412	36120.16	5351521
7043306	5349017	230265.8	179261.6	549587	12129601	17730668	14574344	1529051	5863286
266337.5	207853.1	62864.25	43619.78	179881	640930.1	561122.3	218737.5	57767.56	131495.3
434501.5	54878.8	623517.1	210615.7	585043.5	491842.7	343649.6	393437.9	412498.2	391743.6
5881472	4296799	90123.57	131437.4	393273.9	9158701	15900947	8993883	1375857	4440281
10820534	16514664	47984.33	20832.53	46324.79	1891458	41187265	38953809	75704.55	1256582

379206.4	255972.8	71116.2	79795.14	168766.7	757771.3	633728.8	252834	69170.74	284533.9
288268.8	239103.9	51750.59	22772.99	122344.2	890816.7	160199.6	114108	22233.33	245872.8
907880.5	638069.4	115760.5	58063.43	269927.5	1787527	1814391	734668.6	169873.4	545894.7
5619131	8388278	5309033	2447588	14964769	1842027	7957265	20494731	109803	2201884
1123777	1073890	2492.46	8504.688	50661.34	677588.2	3959900	1882303	224684.5	506688.8
374502.9	234509.7	138031.5	234175.1	310996.1	536686.8	810450.5	238690.5	174352.3	227515.3
254983.1	216811.6	58313.78	23680.35	162199.5	581649.1	310437.7	179115	21824.88	108283.6
20063854	14696304	1735388	780408.8	6758824	66149431	39358279	26335271	1801681	7138702
1017369	887142.5	40192.79	24213.51	361000.1	687611.9	3255415	1022858	133131	179227.7
514567.8	535300.3	126994.2	120061.2	424642.3	1152278	448598.2	1159590	137144.2	59186.45
350136.6	279707.2	163806.8	89562.27	217441.1	486364.2	998496.8	566885.8	4944.011	86135.81
21501950	18601381	9312889	2893237	13782994	72729104	23592695	47907309	1204959	7081226
98317407	60904695	25829873	31499848	82451135	2.1E+08	1.89E+08	1.29E+08	14598069	54145069
12933466	8382632	3040764	2414661	8809465	37038883	20799288	17890738	1574496	6534060
271328.1	219397.8	29931.86	13487.66	55688.78	680447	415104	543835.1	31882.41	59938.24
527923.3	284700.4	195486.3	141060	54096.8	1065005	937661.8	447277	71074.39	615256.8
524592.4	378125.4	44787.78	93729.25	134698.8	1052322	1016636	747949.2	62760.43	293373.8
24613850	17403179	5555327	7175206	17972841	44434149	37142398	28829595	3300498	12037068
97922.31	86751.34	0	21719.72	37252.68	72103.71	294002.1	149436.5	4055.867	15643.16
199575.1	139046.2	10784.15	0	50048.86	498931.4	322854.8	173013.5	17306.63	180670.5
2107392	2224727	3243.065	2883.062	108930.2	5219542	6968506	2746062	59684.9	729676.2
488655.2	583028.4	0	0	0	1175208	1703329	795522.8	6574.689	169355.9
1539332	1153157	188136.3	124726.4	619683.3	4575190	3210438	1810385	173072.7	898798.8
496829.3	153321.7	409788.3	492987.1	467880.5	644389	546522.2	433185.2	374818.7	361732.3
117973.3	88391.02	24981.88	0	45558.45	141208.3	310782	148746.8	19332.76	71845.75
726983.4	1140963	641071.4	390967.3	1988314	439057.6	749782.6	2752174	0	202828.1
3658341	4882987	2746657	4150502	932123.9	5496706	2686155	12305354	1878098	892033.9
277822.1	429506.1	147908.5	144688.5	495099.5	194893.5	206991.8	1043858	81770.68	107044.2
796828.3	683285.5	90803.16	150527.8	130868.5	2005075	2157991	1361020	73159.83	519573.8
468103.4	365324	0	2428.826	4975.866	755888.5	1279276	923157.8	59801.29	181915.7
428687.9	167254.7	329025.9	419245.8	420046.7	534016.3	522153.7	269621.8	385765.5	383861.9
620244.5	435534.9	93313.29	65790.95	371872	452532.4	2620668	1324761	148735.1	543540.9
1177801	779920	145234.8	199802.2	440939.9	2859833	2953147	1446628	85384.45	921009.9
6780917	7759062	2089194	1462516	6147002	4490060	25048924	19063808	188575.6	1874223
1702098	1381931	76482.44	78727.7	99036.86	3462683	3776069	2780303	339747.9	1080516
2563083	2587301	774435.8	485165.1	1649760	3673521	4861227	6488260	303196.1	1232682
161609.9	117199.6	85317.49	100010.1	86914.17	200288.7	274052.8	217910.5	24938.36	158307
150069	104750.5	0	4941.529	9319.495	21453.25	892100.8	301121.5	83995.32	201090.4
286621.4	126578.4	139324	98184.6	82513.59	633321.8	613319	336538.3	98661.46	219906.2
244210.3	139832.1	32658.53	12161.04	174234	117016.3	742292	422687.9	50015.79	174947.7
394847.9	59396.97	380864	653482.1	558340.1	142857.1	329036.5	481692.2	361710.6	409030.1
1968636	1377700	201215.9	88776.47	755759.3	3701080	4078402	2933264	127067	1326318
1.37E+08	88789509	34298871	34544164	1.02E+08	3.54E+08	2.3E+08	1.68E+08	21118947	73705291
188431.7	155026.7	90404.85	152671.4	128975.5	184523.3	310529.7	190498.6	32986.92	78472.71
89126231	57249817	21265301	12832423	58262558	2090722	2.93E+08	95734677	2460765	1.29E+08
44471784	27820605	11169078	9165282	29993827	1.23E+08	73251606	61767507	6189049	23786552
7169259	4538532	1059667	551538.6	2495207	14398125	13802149	7257986	1064208	4833678

103623.2	76065.7	0	0	0	94151.51	351530.9	135486.3	10277.73	39483.87
278299.9	161440.6	42571.68	22072.66	87766.33	735646.9	670610.5	261160.4	125585.3	119077.7
198101.7	150095.6	153037.8	326572.9	214257.4	316007.3	59356.55	375647	92140.25	55878.72
11657118	9070287	335886.9	162000.4	442870.4	3429443	44763790	25608572	3915968	8400610
1035154	814074	84343.72	82761.09	120063.2	197763.9	3897700	2220796	336786.4	748456.6
1041583	683880.2	177730.1	1238739	385902.3	2188491	1672093	1831497	139095.9	552105.1
208944.8	142029	17411.35	10790.65	54285.65	452504.7	400120.6	212273.2	51678.98	205646.2
453477.4	277987.8	71843.77	73335.18	137595.4	1730403	577172	616863.6	61146.26	284503.7
6211102	6609040	2409232	4927390	10644742	4136044	12239836	4352854	4719212	3273876
136413.9	57370.89	98636.07	77124.5	123284.9	210148.9	207967.5	108722.2	90349.71	144096.8
170947.2	194059.5	93563.82	82337.05	410951.9	94550.95	274459.6	502198	0	126093.9
3945058	3047510	114370.4	62205.44	1686725	5455725	10203166	7770009	876889.6	3080020
4895493	4814687	147454.7	93322.89	1346688	4372528	15204448	3390982	245457.8	1433725
610273.5	398570.1	91711.16	95737.99	214444.1	1252235	1106245	610146.9	128549.7	411370.2
1643265	1947235	1011803	207750.9	3166647	575821.3	2294625	4792928	16995.6	2157054
493594.1	378371.6	39940.14	56878.66	217067.8	920287.7	984221.3	492276.7	15723.34	301744.8
376282.1	220025.2	28368.82	35009.13	164483.7	806577.4	668041.4	635433.2	61826.49	276922.3
1203886	927807.6	495769.1	57325.63	395957.6	535921	3787688	2246460	168546.9	823288.1
2351342	3084914	1932954	590197.7	4605439	472655.7	5770549	7811875	848696.6	559130.5
532860.3	377723.6	4630.894	0	115398.7	2208500	760583.4	595808.4	59671.36	374245.1
1609392	1171799	3375.455	14477.57	12305.84	2810996	6489932	2779931	175743.5	1238502
1969254	1658134	246546.8	52830.04	189685.3	644427.9	7250736	4685615	733584.3	1714707
2465629	441902.5	1117821	1322198	979627.9	4406404	3790771	2856122	2924557	1844435
373170.5	286946.2	18105.29	12174.02	61594.5	1034455	520940.6	505785.9	41690.91	123887.5
285781.1	221502.4	38360.51	37143.83	43160.33	20222.88	1077111	569970.5	21725.45	107153.5
11454986	6282787	3361613	3760469	6312361	19196354	20345435	12756246	2425761	8217026
2583011	1542586	330280.9	266511.4	937629.6	6789845	6071958	2743122	532416.2	2107320
5122416	3278165	726144.9	526720.4	2738756	12800734	11627989	8362265	592217	3042877
12945493	19088728	11503735	5694614	31757120	5277479	19493290	46734940	14653.47	6089643
160864.9	100607.5	0	2727.478	26245.22	69059.06	593271.1	171981.5	26999.6	175961.7
639908.3	480601.5	179284.3	214553.5	512842.6	1921249	720516.2	1222664	77718.15	213949.8
13669474	8787873	3546220	4258145	12386603	30718143	23449174	18178536	1859279	6998504
280599	225956.3	86229.93	65388.09	156839.9	587102.8	655146	197158.1	35559.73	136186.3
482048.3	309380.9	62813.04	41929.63	167439.6	1191838	1226963	698561.6	22114.46	355794.5
389689.3	335705.4	290324	52962.08	158484.1	1045553	612688	910512.6	25441.47	182588.9
1.77E+09	1.93E+09	986306.5	729012.5	2538382	1.68E+09	5.88E+09	3559519	2.06E+09	2.11E+09
29312524	23124008	11412014	65258018	39820596	23525428	19238558	15738880	18529053	70388183
292219.4	357917.9	0	3340.83	18883.75	76624.95	1117170	228645.1	16754.87	175057
4835570	4674293	4849.331	2410.956	102049.1	1004050	19140650	7544023	1200517	3095756
3087874	3817951	2093128	5591538	7910664	408553.9	1431101	1556653	2595201	289562.5
1651899	657677.2	103940.7	81602.31	456787.8	4814232	1932691	2334323	871537.4	1027383
2738720	2387970	91758.86	172313.8	963835.4	823116.5	9709912	4345139	0	755027.3
304939.9	225499.9	104133.6	150080	264739.2	466210.5	670007.6	202156.2	60741.5	318418.2
3128185	3089193	115116.3	623683	877701.7	4078514	8118146	2882643	183955.5	874787.8
151701.8	151763.9	35977.73	25702.08	115019	89875.93	405137.9	97571.63	4078.977	406374.7
396624.6	139466.2	438448.5	423076	457566.1	216933.8	379016.1	578159.2	201803	452969.1
15852278	13346163	5640969	24401952	22393173	11698474	21387919	39326328	6254263	10273865

418691.5	380610.8	13159.52	6187.471	10346.98	505268.7	1927618	842211.9	19176.98	202114
693877	237387.2	79691.08	35723.03	150973.7	250889.1	3596536	957831.7	589746	373612.2
9280847	7670421	3572936	21290016	12615850	7334491	5751875	4649403	5968617	22916993
154009.7	69913.47	141575.5	135359.4	148681.9	186971.4	187649.1	191701.1	122234.3	83816.51
314958.4	311221.7	85364.37	214472.3	402382.5	129287.6	593233.6	850135.2	280007	216829.8
180918.1	106827.2	59718.95	52368.01	106203.6	396102	370622.4	232645.8	45137.52	91334.09
399436.5	307285.9	44982.71	13144.91	395473.6	268397.2	1066981	578349.2	0	148876.2
273266	72303.94	305090.5	426813.7	377881.5	133451.3	180292.4	219839.1	246580.6	203988.5
1404560	665359.3	74965.68	366508.1	1754549	1409817	4103658	914919.3	2129112	2122550
201234.2	266672	49609.38	123303.5	326946.3	265750.1	358334.2	663563.3	2703.772	84677.28
5128899	3804045	2056137	639864.1	5391021	3215129	17388004	8633053	123112.9	2093215
2558197	1885626	157251	56527.91	613384.8	7063982	3504311	2965342	109290.7	1225371
307978	110396.2	230964	256705.3	246014.5	524857.9	345449.4	319175.2	287667.5	461327.9
611826	71738.64	478699.7	652573.7	573125.4	755090	549762	549821.3	556856.6	625400.4
247108.7	179355.5	53643.79	53802.66	63917.28	495091	455777.8	133989	237584.3	534222.9
242718.6	77288.88	211433	254536.4	169987.2	190054.5	347043.3	371103.9	218541.4	224920.4
114790.8	78954.22	18492.6	7014.373	113414	333628.1	161656.8	134319.6	0	108950.8
80450.15	30069.99	76075.98	64563.68	57762.75	97708.83	92583.36	84066.36	93372.36	49079
259450.2	233217.8	15007.09	0	25797.43	662899.3	444584	621735.6	23587.42	119958.2
974692.5	891319.8	18040.75	12354.32	30508.9	234257.8	3835017	2398863	89560.08	628035.7
729130.3	473234.1	92380.02	32947.09	211238.3	1972494	965919.8	740155.2	191417.6	592162.3
790822.2	835594.6	220114.2	114612.9	352132.5	2185888	620544.8	1357814	30130.26	19352.44
509609.9	230794	149817.5	237274	689037.7	521576.2	1126790	649973.6	148170	500306.5
44382812	21123084	51752840	66910678	26372616	34723727	31742340	74355071	51728419	41864323
465532.7	266042.5	312423.3	338841.2	218104.9	505554.9	1127338	798777.7	234256.5	302734.6
1.34E+08	1.62E+08	31547802	15947291	88311671	79866954	3.69E+08	3.47E+08	1600915	50992859
195037.4	130479.1	21966.42	8969.045	62495.46	449758.8	338606.6	179905.2	87666.09	51649.87
186200.1	115606.7	2162.849	5453.913	49562.42	582155.4	186401.9	322624.3	5500.294	170681.6
66383.56	55885.9	0	0	0	169991.7	123670.9	139538	0	31149.02
367453.8	208612.7	61178.03	89963.03	75243.77	565051.3	880909.1	590700.9	197702.7	320791.3
1317547	936918.8	58303.71	127733.7	1972727	643245.1	3156830	1925166	248085.4	1222123
1951066	1562788	59729.8	73535.27	535951.5	4436824	3638653	1282593	106140.2	1223734
3627131	4028768	13855.44	0	209909.1	2933193	12411868	9994308	3664.943	2473803
6049918	5681514	161032.7	958037.7	1689888	8044732	16025044	5445976	357449.6	1931468
583020.8	361932.5	571891.9	695556.3	115383.9	460413.8	1286399	667409.4	97526.03	440678.6
660310.8	502487.6	38661.97	51870.09	41653.96	1080772	1731736	964188.2	134241.5	519734.6
275021.6	171252.1	38621.62	18894.34	68374.58	556812.7	564624.1	282204.9	71743.42	166673.1
521436.3	327956.3	362537.6	354152.7	311547.5	766870.6	662925.3	989719.1	190123.9	384865.1
192904.6	132245.7	65065.23	56640.75	92514.8	418780.1	253196.8	265440.9	49060.47	61842.12
892637	815378.9	16938.82	11629.71	137297.5	1765230	2035009	1442220	82065.19	529445.1
464697.1	354663.3	160907.8	55013.08	755037.7	690713.9	481794.9	273903.9	134067.4	1059960
615657	372786.6	124085.7	60230.22	357127.5	1461134	1375276	766917.1	105919	364183.4
598770.3	332763.4	209065.4	220674.8	331120.6	1548914	941457	988989.2	170236	358702.6
801416.5	631787.3	55153.1	40591.75	1103806	477230.1	2836275	1367325	49459.52	183269.3
1298019	1106828	199370.4	291657.6	443756.2	1745427	3169934	1679064	201605.6	326110.8
13765017	22357028	109239.7	198307.8	1152972	8727557	47250017	53097524	55606.23	10723884
955013.9	588139.8	104169.2	154472.6	1221470	1359916	2354832	715580.4	50864.42	1264444

601120.9	649134.5	38361.76	7721.476	234720.4	1672155	694338.7	761418.9	110970.1	123019.5
67956222	75452734	43341.96	673461.7	2078480	84144903	2.08E+08	1.84E+08	362945.9	195002.1
6120809	3844364	1514451	1073991	4278981	14808832	11699420	8025405	845557.3	3263029
264183.3	251451.6	9858.642	0	9507.492	347726.7	1167391	494324.4	20038.85	110835.3
342991.4	44074.04	598166.9	191090.1	295019.6	405261.3	287462.7	337847.8	292130	314348.6
41259513	61216376	1046104	141231.1	364730.2	9159222	1.6E+08	1.45E+08	266955.4	4844124
131259.8	105552.6	6811.102	19012.95	14516.71	168258.4	375692.5	162309.1	13182.29	87981.97
580384.7	452372.5	107783.8	83993.49	263947.6	851897.8	1329111	646190.5	169739.3	719981.8
21544946	13506521	5194766	3237671	17651327	60745149	31112930	28605428	362954.3	15808407
448542.3	438581.4	0	0	3655.042	54740.91	1836404	653216.2	116438.2	305349
1169266	884891.2	2306.999	2405.596	111888.1	2040412	3063344	1982962	425459.7	970083.5
597671	684458.3	4221.605	13662.74	89395.3	513310.7	1966330	317186.1	36277.2	0
8155107	5534060	164300.8	77027.64	598477	12530042	23037527	13276292	1985673	6742865
402743.2	371130.8	30494.19	16639.04	50076.25	1052613	1119671	776044.2	86285.73	173176.1
7157792	5051341	855205.7	792734.3	6651765	18136315	12742725	7030871	730985.2	4248084
1637933	1672314	155564.8	521588	3021504	3465635	1849562	1057929	123844.1	380957.2
1008381	478452.2	306768.5	301040.3	673974.7	2216672	1930845	1426423	300612.7	734174.9
3035737	1774148	1489696	739099.7	1387541	6523232	3935026	3391620	650997.2	1839441
1230259	1254961	523751.9	841426.5	2989894	844615.3	1541593	3449577	352733.3	796409.3
1593185	2104091	1240228	1857202	396752.3	2466751	1163477	5322649	880250.9	401097.9
1203144	1025687	568726.9	118864.5	819393.6	3848304	1322732	2460932	58740.57	381712.2
879940.6	706964.7	92104.02	94045.64	122761.4	1813934	1842135	1985943	175713.1	368032.8
562579	428545.7	76852.27	41356.43	189948.6	1275157	967242.8	513309.7	36134.07	333291.4
245161.9	217478.2	29792.18	9111.331	89231.32	109969.4	1193632	608251.1	33898.13	160000.6
140084.2	69573.48	79577.2	183837	248429.9	113965.4	110276.5	92100.29	120301.8	252394
975863.2	253001.6	300307.9	564277.1	449870.2	2003589	1279526	1390072	760820	799479.7
312865.9	404173.5	129850.6	142122.2	117747.8	812793.8	549481.8	400938.5	33346.36	59001.91
98499.89	80602.51	20223.52	30911.12	53390.7	83962.42	257856.2	130615	14864.67	47879.35
1219612	864576.4	113626.2	58346.38	365580.7	2402545	2594187	1863100	148637.8	730159.4
165440.4	160893.5	194423.1	110308.8	283188.9	133185.4	170512.5	411377.6	18228.15	70139.82
198144.5	175719.5	164864.5	48482.77	208182.2	352516.1	293953.5	483937.6	40844.55	85736.25
338306.3	228402	440155.7	468529.9	419009.9	133100.9	126457.2	60257.6	173293.2	493509.9
72118.53	84976.6	7710.338	0	6969.353	118697.5	183927	54711.83	0	87076.96
245189.6	171117.4	50057.76	28576.6	101160.5	341999.5	596228.5	320666.3	48554.31	118309.2
78363.53	50580.44	4093.895	19155.34	113432.1	136418.1	149395.2	140973.3	0	75876.18
13151660	8920024	3100629	3726671	11645273	29500937	23124272	15982794	1757182	6333717
9447594	5809005	7222322	533566.4	2017238	25235649	16579020	6049599	2061986	17517180
2502497	2213743	0	2240.697	71711.5	6765057	7280992	2979512	13686.92	496942.3
2014521	1572169	345248.1	369838.8	666804.2	6693858	3145834	2111396	299982.9	658155.6
3447369	3062248	92248.24	108368.9	461049.3	6882319	7897122	4711274	42776.37	738546.6
558188.7	412799.7	184725.8	1135559	882817.7	456939.4	336226.4	275172.2	419675.2	1288829
181301.4	159615.3	0	3749.993	6737.401	161852.5	622095.5	242591.7	0	50732.88
134269.2	73286.45	30092.23	39216.41	74696.08	365537.8	105232.9	198101.2	10432.53	137739.7
231481	162831	24376.99	15282.07	59353.32	452107.9	501129.3	285218.8	38612.29	116616.8
3744763	755418.9	3014192	3731063	3619649	4615075	3401516	3344935	3243778	3379813
168861.3	140770.7	0	0	23951.1	266473.7	669590.6	333729.8	30052.99	45014.81
85394579	1.74E+08	35159328	22598793	41220908	10089254	4.04E+08	3.95E+08	28488494	3092879

111504.1	94424.79	10407	3202.316	30812.07	244006.7	215600	115696.2	6956.938	44518.21
229770.9	199325	0	0	0	50411.87	935088.3	322133.1	5419.11	81666.34
4174024	3662891	16828.45	3840.339	135413.6	1621525	22935479	10026316	289419.8	2152328
353282.2	327035.6	5830.449	0	48129.46	914259.2	1015577	569738.8	99781.07	197595.7
1405502	856841	1046709	1111571	372138.6	1080094	4003156	2276742	191940.2	1045286
1638781	1453431	370573.6	300232.3	1329077	4260575	2715641	930316.9	264005.5	999110.3
426961	316141.9	163761.9	162354.3	735273.6	551871.4	380224.8	757006.2	280279.3	268461.6
2664754	1952860	655031.5	538273.4	1968233	6081291	5222415	1871417	674819.5	1514229
386808	345298.4	53769.71	78876.28	211737	948122.7	835232.6	220324.1	57199.9	249115.8
261533.7	224746.7	24408.73	4849.979	102524.7	579696.5	473329.9	72709.99	30958.28	284404.8
1238511	838800.3	130252.4	96738.88	328797	3783278	2520222	1356245	219318.3	640608.6
2146161	1088973	384180.6	274902.5	1128463	4397030	3759624	2451587	521353.9	1628020
13543690	7005063	16209696	20981855	7674707	10057843	9675282	23403883	16329996	12679722
1245521	858792	112288	157116.3	497541.8	3230582	1674291	1838714	165463.9	467581.7
464041.9	369199.7	80325.62	105848.9	79689.74	242753.2	2159234	606936.5	12070.39	197591.6
404179	194302.7	192486.4	229557.1	117315.7	795556.6	825738.7	481942	173196.2	243131.1
502619.5	308119.2	99552.32	107700.3	297671.4	1347572	881168.1	672571.8	202229.2	390339.6
67708.9	60312.86	5010.216	10189.12	8195.943	288275.7	74283.47	63797.06	17507.35	0
3995458	4015066	236602.2	397334.4	996408.7	2996749	18412085	4602040	558385	739894.4
22629650	11336893	2989116	2431412	7392782	53206132	38085549	27106636	6252195	18361918
621325.7	696802.6	20448.86	13041.06	333888.7	315287.3	2045109	592202.3	82685.88	54968.39
246893.1	201300.4	2609.871	0	3712.299	0	1050135	478085.4	11382.21	71877.48
249171.7	162885.6	69077.64	37339.55	98011.85	417279.1	528549.5	315327.9	31133.48	127602.8
1798235	1127005	385428.2	343375.7	1230219	4529373	3251628	2425896	270184.8	923381.6
892473.8	608944	136320.1	219275	365814.5	2338071	1813053	884905.8	130106.8	464313.9
47703272	29503875	12377474	17057041	42363332	1.02E+08	81332981	63589637	7233600	26371205
817692.3	579016	96476.21	108739.5	455953.9	2133286	1674889	1129119	46478.82	375163.6
1094807	814415.5	71070.39	42813.85	1258484	1107665	3559586	2174604	29692.62	748604.6
778163.4	614670.8	332969.5	461076	350475.4	1985961	439569.5	1841475	564863	393830.8
140540.7	19082.81	75830.82	145974.5	124923.6	210393.9	127509.2	127680.8	122074.8	148537.1
1617831	981253.2	223942.5	176625	669591.2	3282790	3103959	1762661	261041.6	1027709
267681.1	268810.5	2864.842	10158.48	12279.19	818494.6	660362.1	232186.3	44718.59	53296.37
424512.6	540446.7	61171.17	20575.73	144541.7	870456.2	793338.7	76601.94	126824.6	505832.4
524145.8	550943.1	50905.97	93518.84	354220.1	126624.9	1693701	1497822	171553.7	349827.2
458093.5	452559.6	8779.559	3336.141	7083.991	75051.23	1873591	689767.3	65922	404731.7
10844128	6792160	236013.3	138659	862657.9	18022267	29786748	18693320	2960345	9473452
337269.2	482940.7	204789.3	259190.4	326432.5	174061.1	914108.4	75682.83	153851	70536.47
78692.67	77543.4	0	0	26724.72	177594.8	234314.7	59820.09	0	49499.08
339605.2	264159.9	0	0	0	140866.2	1340145	683235.2	47246.83	411861.2
747438.4	525849.6	47213.68	147314	170010.3	1450002	1611307	601495.9	128768.6	532924.5
224263.6	203654.6	26109.84	7284.952	134757.1	171993.1	669127.4	134378.9	24901.11	92113.14
7585151	4190652	4613084	437109.9	1324889	16682139	12131802	5186753	1462892	11195082
66063.68	52463.32	39593.11	56567.53	65016.81	58630.76	91769.36	48028.33	19397.47	43529.02
1.22E+08	1.69E+08	17451060	83664148	1.67E+08	92857.16	2.74E+08	4.07E+08	13378391	1292101
393164.7	90609.25	275987.2	448324.7	404832.4	405489.9	469937.4	444640.7	314222.1	325053.4
1022294	736256.4	492279.7	541056.5	464730.2	1841587	2134469	1705485	267082.8	614215.1
665106.3	448275.4	43559.57	288970.6	144624	1715228	1431945	751093.9	88420.75	365112.6

2129581	2949234	579358.8	101153.8	2498827	430397.6	5798004	7303047	176853.9	418371.2
205899.2	197765.9	16025.42	24158.34	11455.79	419257.5	459136.2	447583.8	8106.133	154788.7
665199.7	111234	678896.2	771073.5	732883.4	342723.5	732204.2	800827.5	737147.3	657361.8
203763.7	134446.4	24590.09	17693.67	126127	544046.9	222733.8	316661.4	28812.11	89280.95
395218	273864.6	74092.37	76697	214186.5	663679.1	804440.6	607467.3	32477.16	176282.6
1246931	2036586	103288.3	348077	323560.2	547514.1	4056257	4843028	107634.9	235225.8
109801.9	67756.08	12855.06	12388.3	65873.24	170812.1	246735.6	142651	5868.413	101914.5
192366.9	163015.7	53419.94	41544.29	33064.89	537261.1	208846.7	136663.3	13749.07	90175.49
236161.8	161346.8	113889.6	123713.1	123912.4	231732.9	682677.8	313315.4	95112.68	67175.16
323583.3	204776.8	62226.24	92909.73	501233.6	388432.3	681986.2	536555.6	7474.994	263555
1116849	810378	269301	277892.9	446174.9	1566837	2600966	2081303	191566.5	788919
330145.7	199635	404367	442335.4	374221.7	296810.9	51492.09	398203.6	120288.6	181685.5
234239	174704.7	99266.56	92528.31	71822.1	448723.4	551313.4	426141.5	14790.12	124926.8
264076.2	170189.1	15576.91	18559.78	14791.3	42272.41	1067200	527768.1	86258.78	181825.9
22983123	32932745	17913027	23677423	3278635	11984553	46196147	79816070	40747.11	19019323
765810.9	196214.4	465237.3	842196.4	816106	944511.2	674860.1	655227	797114.2	659341.3
1364662	797836.7	33651.72	28162.51	411456.6	3456609	3540680	1763483	419198.2	842618.9
390510.6	263519.9	61043.53	51773.38	121913.4	957549.5	934874.3	348922.4	39277.38	274915.9
775457.9	503403.3	70300.59	82602.79	422662.7	1536792	1480474	1333288	112161.4	397594.1
377041.9	288718.9	0	4028.062	3589.617	17764.84	1610243	618658.4	13293.05	201039.6
531753	712835.3	0	0	4004.297	1272326	1731974	766730.1	0	147472.7
317231.7	215956.8	53681.43	59848.09	269823.3	799795.9	526020.7	452839.3	27385.62	147494.6
449118.3	320915.7	37389.72	52553.23	164717.5	1335027	868516.1	632816.4	45579.66	288535.9
198206.9	156809.3	169361.5	70323.39	212948	156998.8	323468.3	291894.9	6618.857	154064.8
119172.2	124444.1	11437.17	2563.166	44901.38	268510.3	213036.4	108595.8	5769.732	70365.97
1327371	1433270	599220.4	362464.2	1309584	569774	3213856	3830259	1080595	584805.8
1075747	1845371	6481.589	0	0	281752.5	6119451	4344216	0	0
5293348	4358412	36489.03	25016.4	922854.2	6729613	16171153	7341693	426578.6	5144730
452253	278867.5	6997.486	2700.07	156572.5	1092734	1213268	682521.8	117844.9	260273.2
3585357	2806215	128238.4	118850.8	298233.2	7216226	8569664	6493072	987354.2	2285355
122686	102342.2	30980.66	23096.27	75140.07	254760.8	279784.2	280004	9942.016	57728.35
1606171	1212597	310277.8	234607.3	741751.6	5104474	2391105	2833101	281976.3	802155.2
358372.4	218964.3	175391.3	172208.4	235999.7	839330.3	480866.7	632600.7	135514	131966.8
325007.1	243397.2	89370.8	58121.19	178559.8	872866.5	559744.4	583479.2	58845.05	88524.75
563716.6	416767.9	183633.9	1162273	880130.5	449354.3	324084	233329.9	415201.8	1293149
255963.4	191417.3	44761	12446.13	117621.2	472860.3	534840	306639.7	25540.9	96041.76
8208422	9620548	1390213	194307.6	284323.8	1120426	32700713	25004875	5416415	6672821
1510140	1055096	194495.5	42109.68	154766.7	586299.1	5732495	3114890	612914.3	1782098
89529.97	67803.75	100780.1	150961.5	68534.92	51319.04	51231.92	166137.6	152481.6	70334.81
4113225	2576708	583598.4	1238879	2591405	3752371	10884892	2976733	1199448	5598505
9447302	5998837	2629686	1091927	4619624	19456028	16235561	8598702	1827095	5930126
1340591	1902092	42545.03	31148.33	15824.4	1030674	6652554	1557344	0	4559104
6019417	4521734	1256098	1525508	4473900	11717627	9124057	6504430	816764.4	2826571
104020.4	23489.49	43280.42	34089.82	31909.65	326912.8	124501.6	106316.3	75125.68	98263.4
810212.6	847634.6	128802.7	9235.571	246937.9	2337689	932069.1	1886246	78131.82	90152.88
416202.6	385894.5	201688.9	165928.8	212453.1	628643.4	727064.8	689325	45801.19	253884.2
4941723	7156750	233638	127361.5	898506.1	633962.4	19406634	17493974	0	3194892

1924551	1394187	248448.9	103488.4	637310	5384350	4127049	2620901	81150.78	1240664
10424545	7396571	937133.3	372230.8	3736879	19106129	23882400	15837395	846348.9	4215321
349890.5	470259	116355.1	47122.83	203984.6	1381969	222143.4	336931.7	8108.002	13373.73
691531.5	321468.6	100260	48984.71	310913.6	1468713	1296496	858458.8	223622.3	549209.4
826969.7	531945.7	55670.52	45181.91	104777.4	1256654	3114864	1129531	385913.1	1387053
101681.5	75435.81	16673.32	9132.916	50859.43	132339	260095.3	72876.1	8104.688	74811.17
281309.3	209881.5	39525.71	62462.59	123831.5	145320.9	906611.7	509264.9	46782.33	172986.6
262897	217501.3	276594.5	268776.2	73061.29	397671	223051.4	639791.5	180857.8	123880.8
269078.4	66879.41	83371.45	87471.08	107143	673194.2	481553.3	174850.6	299465.9	341325.2
133316	60775.29	91523.13	102448.6	112091.8	175031.3	209522.3	105634.1	67618.01	231420.4
1006663	942434.1	10520.49	15544.53	93411.28	2149786	2304805	1228879	8190.1	122640.5
3334218	1773718	889776.6	853426.6	3870601	2017106	7993602	1238835	2058915	3616371
1206174	1098389	0	7078.833	16258.5	3101367	3546421	1446730	4087.614	217073.9
2684496	1615760	1433648	1900628	1747999	4342612	4665978	3220959	857311.8	1125211
583485.8	516276.3	131227.3	152663.7	157122.6	2115508	659615.6	295927.8	1415591	600479.4
695456.9	650159.5	744126.9	753116	638619.2	386702.4	750781.6	1269020	56746.79	265006.4
466742.1	392938.2	167546.6	48683.81	916360.1	122545.4	1281906	371035.8	22486.17	196276.4
3054173	1156338	2420837	3780177	2842339	3352481	2486476	2398177	2427781	2616660
88165.01	71590.27	4830.364	0	39394.91	154525.8	207055.9	199588.9	4510.698	56452.25
122523.6	73363.68	20609.72	40661.37	45777.34	254294.6	296403.2	143141.4	22388.22	81128.91
31295517	52107846	6710043	4179694	9568595	1.08E+08	8184505	24003128	1079367	4357953
225533.2	160505.1	51050.4	131909.1	153453	457958.7	404513.7	443014.6	94608.08	63966.53
307360.6	204515.2	39261.71	55236.97	85131.78	682789.6	563882.4	439157.4	50647.02	146931.7
1185192	851947.8	17826.83	9738.933	93848.66	2077042	3218997	1781913	297946.7	958458.8
279338	253766.8	0	20997.74	26524.82	219483.7	984362	405226.3	32305.83	42875.49
2.83E+09	2.76E+09	2.34E+09	1.19E+09	6.09E+09	9.28E+08	4.64E+09	6.97E+09	8304397	4.14E+09
2684749	1668703	729177.9	561129.9	1430904	5940907	5703047	3443608	588149.2	1678928
1288092	901788.9	239105.9	99059.18	775004.5	2407349	2486531	1689767	136895.9	863325
750120.6	554883.3	49290.74	20578.49	164148.4	806519.7	3138772	1365550	210512.9	1203120
4296051	3120689	195714.4	175091.9	637300.3	9044510	9701655	6939048	997150.2	2667998
524105	417067.6	107537.5	60358.87	361902.7	365866.7	1992509	985629.6	64103.7	124581.7
453584.7	332683.6	252255.4	51634.8	401830.7	529606.4	898016.1	934658.3	152298.3	177055.4
114430.4	68171.43	115125.3	122451.7	111716	146220.1	54133.46	125162.3	38957.29	68059.64
66232.42	47248.04	36167.33	34285.3	35117.78	117111.6	128108.9	52279.34	14870.9	58987.59
919464.9	550200.8	202314.9	309495.3	435345.2	1465688	1907995	785699.2	247936.2	863996.5
578728.1	438999.2	53473.66	98403.43	219213.8	1235051	1078178	744650.7	55369.62	192786.7
523096.5	140077.7	185508.1	114636	296190	1211655	667383.7	582797	330419.9	448219.9
476651.1	435553.8	7553.018	2291.015	30422.22	167145	2525362	410932.3	375148.2	1221909
67784676	37633867	9007416	5389067	32816014	1.81E+08	86985974	1.07E+08	12535264	49245768
128891.4	118474.4	90191.44	81608.78	80093.74	290308.1	145048.7	141147.6	29684.98	27708.64
474204.4	320488.2	46808.45	13826.98	171875.1	1046656	919854.6	434750.4	38132.26	343526
9462649	8831044	5691344	26093.3	36362810	3187879	7007832	2672266	366576.7	16753344
5447832	8037196	2825554	2446461	11268708	2446484	5669995	19662735	43570.38	1848033
2367092	1148805	773571	409973.7	1588552	5656875	2711625	2571935	554176.4	2070556
116739	108707.3	4286.412	13295.42	66703.59	192970.5	261312.1	78050.83	0	48538.05
1521908	997745.8	448641.2	183637.4	775126.9	3745036	3006196	1441838	247116.1	898599.9
63065.52	36026.26	29624.8	21734.82	27921.31	113068.3	142232.3	86575.68	4657.784	59396.09

164796.4	126958.8	9593.872	0	30151.25	424750.1	292617.3	313838.4	4882.404	63379.11
4928145	6103007	100167.8	153918.6	1850130	251148	19309781	14435687	0	1696559
1614107	597308.5	691573.5	505579.2	756511.4	2833927	2891757	1288039	2605855	1050651
367595	365813	15286.28	0	58320.05	302908.6	1696409	525436.2	109469	222057.2
10129438	6450593	3773063	6455062	4271176	15826807	23382471	19336224	4260635	4743598
293569.3	285432.6	2822.499	2256.952	27070.42	573802	731907.6	551663.4	38906.11	166127.9
803739.7	503746.4	169806.7	56289.67	346418.9	1487146	1694782	830271.9	201701.8	406287.9
152681.9	124413.3	9560.718	5999.652	47685.88	364913.9	275955.4	309570.3	8705.788	47410.62
477776.1	212098.4	214665.7	204964.3	323072.2	956726.2	807145.3	606820.6	174353.9	334960.8
21064185	13398848	4988996	4845491	14789048	49356698	38238600	26729411	3057393	10864401
70880.92	57795.61	6906.811	0	6677.429	14029.65	377136.3	131358.8	64754.44	31682.49
428365.6	286731.2	48705.63	76899.2	119666.9	1161169	577273	616457.3	72388.44	218996.1
624986.6	746844	130279.6	137196.3	227215.5	1425616	1494653	1953530	181017.3	401660.7
29247467	38603388	24124212	4784666	49706048	6559917	48494736	93197269	102675.6	37866565
3471101	2445238	413898.1	342993.5	1004264	5173539	12002478	2807978	413828.8	2213745
184061.6	126527.2	74442.61	73467.35	68790.7	381681.9	381257.8	251656.7	31219.79	95859.22
236814	197764.5	40588.86	47725.82	91910.76	621560.5	293694.3	318606.1	18185.99	62415.58
1584611	597960.3	184799.5	316024	710232.2	1739154	4442297	1820913	1706597	1090053
3897895	6695272	1020164	1084631	2359180	14379891	3090311	15867754	531971.4	1034451
144161.2	110013.4	23720.34	33049.14	47777.79	298671.2	268589	272266.6	12167.69	75731.75
269746.7	193792.6	20064.65	2621.749	73233.13	844615.6	526511.9	379123.1	20747.29	100901.3
120892.5	72102.07	52693.76	50636.56	64022.33	273675.7	130381.6	187021.2	10733.75	86515.01
204914.8	152449.5	28554.06	44082.51	38100.13	580418.6	417298.3	291694.3	16794.84	84646.07
2521912	1889935	847762	201102.4	2946443	824394.3	6868363	3933146	899933.8	1216918
208069.6	172705.5	37641.79	35749.53	57875.82	407396.7	427717.5	218428	23526.38	128305.2
374511.2	219836.5	152292.7	149081.8	211168.1	1172924	323317.1	409873.1	95394.72	625804
116058.3	127310.7	0	0	0	31971.63	480046.4	296734.3	0	75007.44
692650.1	488754	211117.3	71522.81	294731.7	123896.6	2448570	1160121	42744.22	507328.3
1272627	851017.3	326279	319499.2	976319.8	2809492	2324178	1470036	165937.1	636396.1
713264	458136.5	28550.8	20720.05	87123.43	1123532	2647926	999295.9	411138.8	1283138
75076.64	72495.72	42514.09	55836.55	63830.94	148588.8	87507.34	123930.3	11890.11	11110.74
629421	716538	502137.9	670029.4	1493857	359581.6	355466.9	1477319	48145.5	1336140
722164.4	353791.1	314275.4	177265.8	392121.2	1761009	766311.6	600627.9	322851.9	509263.8
957237.7	718007.5	124885.4	1686466	774834.4	858685.2	1094215	998872	327945.8	875100.9
356237.7	139473.8	58101.25	40963.05	78657.41	974344.5	510509.8	524121.1	152766.7	439301.4
329775.7	268669.2	16920.46	12955.18	13103.34	34347.48	1802671	544113.8	0	77501.05
502418.4	340035.8	445162.1	162244.1	154615.5	819240.9	804030.3	534498.2	40030.57	300903.2
787430.7	698753.1	119119.8	116419.2	491705.7	1648746	1295340	1882751	54373.71	338162.3
411040.5	488605.3	35054.23	23251.89	139489.2	1940871	176283.5	403577.9	158807.6	100828.7
1229159	1218367	0	56053.24	4168433	305953.8	1040130	1897112	53708.12	170536.5
467321.8	301451.9	79101.69	35919.85	253781.3	1300424	836179.4	445811.6	60107.7	334351.1
110155.7	65934.78	110955.6	59451.21	110498	140011	150005.6	34937.06	94848.58	211832.2
3430336	2221409	90185.56	55380.48	935995.3	12822222	4840138	3817573	465524.5	2743564
855665	550466.8	152139.3	135967.7	177689.7	1958519	2172551	1028849	123103.8	556116.9
170201.8	133295	19343.29	5748.697	31030.78	502044.7	364212.9	211425.6	15841.24	77725.46
1091211	673355.6	125407.3	110408.9	103272.9	458102.5	5303224	1296991	169024.4	643865.4
10468265	12954824	409464.8	0	1516473	5717455	39097682	7989979	3592.705	1678639

353206.6	216380.1	130560.8	133593.2	157752.2	588474.9	664817.7	406695.4	80665.12	184314.7
476121.5	354484.6	35585.58	161293.6	225094.7	971014.1	1152219	520638.6	62870.2	277778.9
1261611	935958.1	97056.05	10616.99	297182.3	3728994	1686817	1481525	49944.88	555064
211138.3	359773.8	255816.6	284347.1	24690.96	305540.5	83315.86	847878.6	132119.8	5394.56
634483.9	347876.8	86884.33	256717.1	550826.9	1140919	1305152	551770.4	311948.3	430075.5
472659.7	318546.5	89293.2	11718.56	200592.6	1282885	951669.1	823032.1	190221.9	357942.4
25516255	19190968	12881012	5215666	33187820	46971928	36061663	43433561	4736467	16094881
216109.2	267231.6	109954.3	120395.3	465239.7	206321.2	97645.09	678350.3	0	84810.23
21704836	13996320	3298090	4053804	15013799	56042870	23379581	30844415	1715243	12150396
4147720	2782073	72296.75	67440.74	349971.6	7016340	11662588	7513017	1034916	3540604
163551.8	137203.2	10813.11	5942.102	54742.19	397523.1	289807.4	335097.5	4881.496	46331.74
233593.4	179865.4	12856.74	18296.42	51980.13	709725.1	284325.1	306196	27200.27	94142.05
221253.6	165319.6	110445	75311.35	111189.1	679399.8	208390.7	111058	31250.41	183656
192627.4	138916.6	43748.22	57320.46	84868.28	511763.2	203118	73684.54	59496.08	172784.9
251450.2	255594.5	0	0	24397.89	374963.3	749829.4	449107.3	23127.14	125821.3
84497.33	84432.7	105751.3	151023.6	57930.16	52496.55	30037.21	197927.2	148926.7	37722.38
1023282	637622.7	280913.6	293884.1	88363.73	1293364	3574807	1278836	528492.5	1615605
3759804	2478720	570732.2	210542.3	1238776	7872177	7709390	3337296	758273.9	2351101
2.28E+08	2.26E+08	4921470	3286111	76493863	74850612	8.7E+08	3.47E+08	1190729	47283968
285884.8	208332.6	26301.62	5860.546	77340.53	675964.6	545750.4	359782.4	41339.83	113503.3
114418.8	98191.07	95694.86	123950.4	84422.01	205381.8	32618.03	84918.78	46820.55	19699.76
15230877	10990012	511851.7	314236.4	2886952	31284244	35800631	25886215	3452534	8397606
629421.3	337150.5	171624.7	107133.4	376677.7	1289809	1040064	837757.1	40980.47	651142.9
233069.8	179790.9	20198.16	5715.926	46033.96	694093.4	493503.4	428490.6	12957.47	76042.92
862424.5	587523.7	77492.17	197628.6	193133.9	2537751	1000326	862377.9	111947.6	498294.3
495192.1	475935.6	15255.87	6095.979	25423.81	906049	1324227	482991.1	0	48596.34
153365.3	115649.6	0	4074.976	10189.8	302053	393603.1	236439.3	11049.97	79691.15
32858777	35241583	35687257	16100327	42931360	6139201	53157550	87424233	646555	16411291
1965346	342779.5	1563901	2191798	2451220	1591113	2160841	2491496	1781236	1597629
1451338	689812.4	148827.4	105909	244094	689520	6850159	1586548	634806	2111525
4166060	3597930	335814.4	277101.1	988078.1	4505205	13073106	9467014	42544.29	4193348
884788.7	410975.9	99655.49	1194558	351061.9	1194933	1403855	1092830	641828.8	292926.9
171845.2	107860.5	100856.4	109453.1	65428.19	378194.5	247886.6	173052.7	41737.04	168102.9
3.38E+08	1.97E+08	58721374	31755776	1.48E+08	6.98E+08	6.56E+08	3.31E+08	65724078	2.52E+08
37485872	19910268	18683456	11457743	36709585	73010174	55666560	44369407	4589316	34902147
445453.8	271429.8	194264.2	210598.3	161502.9	1037709	743863.9	449424.5	173020.7	176728
162201.7	157956.1	36308.96	383076	273921.3	108358.5	63376.47	54136	93548.22	441675.4
516684.6	171087.2	204575.2	644480.4	442090.7	361268	854774.6	224342.5	627482.2	533198.2
23691702	19630221	624669.8	123638.2	1222639	4604762	99787089	52233226	5061176	16718505
207248.6	237196.7	0	2157.643	142844.7	750073.5	237985.8	567188	11272.45	79595.86
5443867	4036239	194101.5	74326.49	2366509	8514079	14248386	10165125	1284346	4424301
861029.6	967460.1	13557.64	13030.89	28693.22	1943261	2704170	1173801	13867.97	304510.3
438135.4	489909.2	33768.57	0	105987	1257741	614670.8	542454.9	62598.33	46614.07
471216.8	272678.2	125499	72177.57	87114.35	155290.9	2154744	650391.4	0	660405.3
515662.3	650885.8	412006.1	989584.5	150159.3	803522.4	404057.8	1665217	259422.4	160556.6
191337.8	176864.8	14741.06	3430.479	43351.52	282905.6	696999.3	497257	44999.55	170047.8
7635795	12659420	80842.13	56343.59	3768384	4412403	25803722	29729705	168200.3	390308.2

981301.6	869370.7	1120684	718167.5	1902671	135116.7	1296280	1857184	175578.1	638170.8
1431312	1166378	6266.387	0	0	3653676	2965911	2227037	473273.7	1419717
572372.6	541388.7	17877.82	2355.531	78126.51	344085.8	2739757	1070322	79773.34	298905.6
3291099	666048.1	832540.2	3342297	3130147	4830353	3920540	4169266	3182849	3180693
328511.1	346776	5320.315	2561.646	4063.807	822893.9	952503.7	571217.9	21159.72	152253.5
566350.7	560572.7	5214.751	0	34608.06	598440	1948733	937006.1	36122.15	419836.2
103891.2	50181.6	59756.57	76474.94	49964.01	166143.5	149433.6	97932.57	68876.44	111279
527485.2	484433.8	26699.24	42091.67	40957.59	1263061	1477437	586748	18764.65	209833.7
835930.9	818185.2	10927.93	4665.389	20984	167330.9	3546790	1307797	209723.9	557557.8
975501.2	686396.9	117075.7	135889.3	471100.9	3074317	1425253	1626308	92269.17	403988
317928.9	290427.1	11090.28	9706.612	44143.86	165461.4	1214956	511599.8	69314.62	113933.2
2862467	2459972	77679.19	45131.15	44927.49	1670280	11159937	7099671	778362.9	1663999
38178136	23591200	6431438	4951291	20216693	89355568	81458193	61502075	5766475	23465162
198888.6	132288.5	26264.56	52041.48	130164.4	393696.7	340945.8	211622.9	26435.67	119045.6
78562.38	49137.34	34917.5	4765.497	52195.14	113631.1	210187.5	141989.2	11027.66	66435.43
244722.6	119603.2	9144.102	8683.816	36973.12	813406.7	447594.1	307954.5	85419.89	172373.3
1068558	701943	214366.5	56275.37	462880.6	2771232	2182491	969808.2	194842.1	651253.1
371858.6	250402.7	91297.78	109779	237954.6	720488.3	608494.3	273826.9	59814.82	274326.7
1156438	1405831	300853.3	344803.8	357664.2	1618377	2738925	345929.8	249353.5	1168286
545373	644878.6	266959.9	52206.09	687562.4	178509.1	1344342	1667739	93688.94	160175.2
22028954	13167710	5409483	4103531	14925394	50890800	40783140	29033082	3556355	12702900
1554334	891918.5	984702	83822.96	277211.5	3510729	2503553	989919.8	282646.4	2378700
1979766	1187419	487944.4	573485.3	1038205	3566416	3755082	2089148	358505.5	1303673
190417.8	145609.8	7946.542	0	65556.72	528485.6	418715.7	150649.3	5727.855	118516.6
5035956	2930657	1820681	1160838	4711831	11314449	7375744	5690434	355633	4393310
2646202	3455964	1041099	135814.5	2623211	2035344	6403643	8686538	347090.1	2283724
30014239	28485410	5312936	2882210	19755056	34840689	98673674	18515596	4014153	10115849
91508	47838.69	83714.17	93972.83	96377.73	56362.72	114674.4	104726	71431.59	57462.45
891099.5	644087.8	123897.4	53120.94	344521.7	1863765	1807213	688700.9	143904	582508.3
143004.1	91270.04	17282.59	11438.37	75196.32	296467.7	275534.4	132423.8	27211.45	92970.55
9782112	9579032	2021160	180443.1	8259947	9616961	32575303	9328595	615816.5	5106399
265119.1	47285.75	213552	356423.5	179709.9	294874	261638.6	248344.8	220958.4	232027.1
340217.9	218246.7	48721.9	52317.61	129441	808015	567552.2	295210.9	85280.43	198766.5
163122.3	85941.38	15277.2	18630.34	22234.57	361472.4	452243.7	201061.7	25753.63	133537.6
189558.7	116115.9	35494.21	13170.06	150198.1	419694.8	380984.1	281241.7	5432.912	143931.2
372882.9	305113.7	0	2487.196	21658.34	857117.1	1128764	396681.7	44729.43	193833.4
802908	482534.3	193209.4	206335.4	394306	1896634	1542430	1023116	139319.5	494379.6
154767.3	110929.9	22194.4	51206.54	56005.6	29442.03	555405.7	208769.9	11058.16	61618.74
15382518	9896183	3767702	2003657	7698253	33243288	26232227	12917237	3000012	10050163
125954.9	104869.1	52500.77	42847.93	57006.79	226590.2	286285.5	196865.1	23908.05	35821.13
657988.5	376329.6	307358.4	249258.6	104108.7	1026942	1786057	836373.2	85472.07	574288.6
359430.9	206035.3	146162.2	214128.1	511301.3	345069.1	519924.3	464125	89093.84	190199.4
6848410	8658094	5394704	670952.1	2042687	13184568	10624984	22034619	489265.2	5137725
7241055	9765077	2813860	3797726	13357405	3083699	15794028	24439880	85483.62	3701967
568673.7	311361	638846.5	70347.56	143767.6	662288.1	1202459	677493.5	474049.7	378531.9
377390.2	308123.1	0	0	20587.43	696001.5	1039575	652803.9	72955.56	348721.5
136825.1	144027.6	5969.211	3241.753	52716.15	159001.2	412654.9	171761	17622.34	70071.57

1485700	293824.1	1085124	1262829	1566657	1695953	1917853	1802776	1158292	1228811
34108084	21935021	8380578	7024279	20775285	70301116	55915358	38540144	5721660	18814979
866560.8	1012703	906514.6	444521.4	3034199	253079.1	48681.16	2648444	125606.9	451763.5
123504.9	94867.2	38789.4	42348.87	42013.55	190180.5	272029.5	134396.5	4629.616	66692.61
1243749	1634026	3764.859	2435.541	16062.53	1789553	3877896	1001246	84584.16	598412.1
823822.4	445162.9	220736.1	101005.2	485097.9	1348384	1770595	801597.8	183587.2	697625.3
1266717	1230411	6447.025	0	509327.4	739975	4564470	2379701	107179.5	1057717
4343747	3078054	179495.5	104369.6	338139.2	3878876	15566720	8803386	1079269	4046049
231963.8	157405.7	75890.26	71221.94	61429.17	1024198	30908.07	298202.7	97006.54	250395.1
927102.6	565836.5	219665.6	114203.5	329876.7	1887912	1846105	930149.5	167524	641391.7
19437783	17734227	735291.4	613220.7	20779287	9916108	72930801	14219025	54676.23	10015410
622850.1	106304.6	434621.7	603502.1	628306.6	760852.9	651941.5	705444.2	495018.6	545183
275782.8	232331	42107.11	33255	78457.55	936738.3	388668.3	288336.7	0	109071
79544.54	65294.66	22473.42	30163.35	37249.89	217357.1	67486.34	169487.2	15947.19	19620.69
4948208	3607523	1016421	500870.6	2578708	11272942	10798508	3553665	867975.5	3501928
1344650	933891.4	185067.8	58168.67	463472.5	2876237	2764697	1219077	229876.3	797140.6
1916548	1340153	462999	844508.2	1129965	4457473	2227389	176656.8	2928075	3256608
1.68E+09	2.54E+09	33398056	16047953	12845301	1.37E+09	7.91E+09	6.05E+09	9452087	390740.3
489918.3	307563.4	132653.4	139165.2	265866.8	1100082	933969.1	493999.2	85787.18	318063.3
1109218	805895.8	13101.21	12484.53	116018	2781510	3008452	1310962	141635.7	604502.5
173715.6	217591.7	49887.45	13498.57	116001.5	240270.4	390937.5	540395.6	4668.243	83965.76
399191	291820.8	74584.02	30401.59	150113.5	976990	883359.1	405610.4	34855.04	218245.1
70571571	41733903	12546856	6352620	30899597	1.48E+08	1.38E+08	69110187	13191347	52178892
306724.5	224317.2	103772.1	117014.6	110559.8	558925.4	570992.2	671910.1	68836.87	259936.8
2424119	1774209	253503.1	193999.2	907971.6	5122516	6388841	1529943	483603	1655803
513880.3	709031.5	348110.5	200234	912348.5	605623.4	669612.4	1742894	63500.72	44287.97
522888.4	312421.3	80076.99	84773.51	293157.6	958580	1074105	869678.6	61916.77	395173.7
224885.4	118161.5	0	2367.27	5358.824	212069.5	1002993	185375	97412.1	190234.1
222443.4	191065.4	52010.57	226411.7	77661.71	590440.5	227158.4	491629.5	110063.8	76976.95
367073.8	310482	6675.239	5717.227	55164.93	124191	1489343	842263.3	10902.96	383116.4
311082.9	177264.1	364471.3	396120.6	377458.5	303493.3	157158.5	456370.7	132722.5	102769.9
5028915	2685722	4930711	2514467	10821857	429794.8	7490219	8526399	4712219	6902322
256268.6	443125.3	115935.6	20747.65	122684.4	587186.3	328438	1046930	9568.654	56938.2
836514	551449.3	90962.81	31795.34	239861.3	1834858	1757937	1081502	64296.71	473962.7
17400815	11022254	1868121	1815303	4333211	20501386	64682585	27918878	2301163	9288326
182170.6	122113.5	6002.821	7535.981	13411.93	49577.22	758903.6	211316.7	87668.94	208247
853944.4	736432.6	10616.02	6605.392	87717.68	733890.8	3812614	1510574	203951.6	448846.1
364135.7	289163.6	124430.2	695819.9	565589	237076.6	115365.5	231840.1	245879.9	874496.4
9452001	9429140	71589.59	78220.71	4025528	10815470	29046679	9041864	99545.76	1556637
206597.7	135280	5279.127	5463.844	3094.703	465799.8	623357.9	269445.4	81889.13	180003.2
370004.9	279438.9	35157.35	29321.36	188892	979345.2	514286.8	713408.8	13460.41	163856.6
2286828	1639280	57730.18	22181.23	301693.6	4627338	5743257	3379455	531098.7	1653260
483451.3	461931.1	0	2363.961	38281.13	426257.7	1764771	719792.7	40737.13	409366.4
1063531	1402483	212671.9	124552.9	518945.5	1493604	2604429	435055.5	394085.6	779270.1
711954.3	1031589	290546.5	59147.07	134550.8	1690509	1125081	2532865	14626.78	437473.1
289267.3	224208.8	19566.69	0	61714.71	716523.3	564052.4	552717.5	45100.73	68834.6
15430250	9843015	2128851	2245414	7681362	37317951	23988392	25122215	1931590	8383310

612965.7	552608.2	70076.16	14155.96	160921.1	1813489	812908.8	1340846	83329.74	152679.3
384843.7	285144.6	56829.82	43733.43	194021.8	759467.6	774455.7	507335.4	17900.46	152332.7
20753791	12224326	5602406	2951669	10517139	44117408	35973897	20555631	4299012	13811088
179962.1	158682.4	112584.1	89942.88	85534.2	79472.58	484010.4	277074.7	65813.48	117670.4
92479.24	82636.61	4434.042	3359.083	21376.78	76135.76	324389.6	155143.2	5234.94	49426.06
1051392	553351.2	430963.9	479947.3	765090.8	1294616	2494381	1449458	343490.1	770263.4
1305904	2372478	7217.663	10336	236243.9	3839202	1845638	411227	0	34594.32
709857.3	502905.8	137141.2	53631.72	387651.7	1638965	1158345	1046818	227958.1	502235.1
634811.2	578428.6	0	0	48574.1	1443562	1483438	847236.7	4860.014	107407.4
788134.8	722236.2	6396.349	0	271321.8	771839.5	2624804	1368945	53755.88	762625.2
542830.1	470778.7	4921.721	0	4089.332	754808.8	2164125	864090.6	51741.24	417379.2
122911.6	64904.13	82962.97	79298.82	82211.79	131637.7	220599.5	138276.7	30434.24	131517.6
953874.1	637758.2	5231.975	2960.798	77361.47	2240892	2748856	1197084	117806.6	597630.7
305893	420723.1	239025	47867.18	210258.6	22723.39	898984.9	1051643	188994.5	137854.9
1925592	991112.7	385820.8	235622.2	1108317	4480659	3871416	2432594	477163.7	1346202
252905.1	138614	233548.2	266134.3	284078.9	283011.6	226764.1	320087.6	216347.2	75978.55
510215.5	472205.2	31618.05	6424.458	86782.3	212475.1	2014546	1129580	36336.02	366222.9
786360	651012.3	127885.5	132130.5	237504.5	2364890	837379.7	893065.9	141437.5	86983.37
1501665	252810.7	1264327	1612932	1928089	1044091	1574052	1939548	1286938	1402803
359944.2	363794.2	18037.89	16035.94	83054.99	729464.9	1074975	481064.6	16212.09	97346.11
3942465	3249812	725858.2	941316.1	2244444	11065024	5823390	3291886	498180.6	1500458
85165.02	56283.22	12832.62	35941.17	133594	102444.7	125403.8	109827.5	15584.76	88650.79
3427819	2985326	59290.15	12946.49	223579.2	2834116	15482880	3614593	247391.3	3622436
509266.7	294231.8	178602.2	124105.1	286595	1223662	845841.4	903602.4	143431.2	315174
1218040	1233816	538780.3	601402	612227.7	2387503	1654994	648964.2	154774.5	626429.2
3530750	6468597	31444.52	25466.39	662971.2	10261610	5112615	1005336	0	96628.79
136101.6	134443.5	122213.4	89631.3	282734.8	98090.08	118686.7	369560.1	53543.76	53467.63
1260613	1045245	333443.9	196068.9	677453	3073311	1710266	1458240	224987.6	431546.1
170573.3	131664	13899.01	3430.829	64167.8	497006.5	324835.1	292458.1	10618.63	51845.63
14068104	14420519	16477132	7655128	19767125	8262551	21298097	35286035	273407.9	3013692
228152	235000.8	0	0	0	45509.23	997132.3	523320.3	0	9415.84
166150.1	151007.3	13592.44	0	46574.69	147811.6	686796.8	197632.1	0	17588.12
1228862	754297.8	178149.8	117382.3	482526.4	2482928	2597404	1223441	220304.1	851503.6
137738.2	107465.5	17536.99	12113.84	50093.28	428874.8	220181.5	307428.1	9210.686	110106.6
215261.5	230607.1	108536	115495.4	143834.1	128584.7	524224.2	56437.04	86585.49	217128.7
14612923	16811124	1122522	1004481	1885128	14332700	49637989	8130199	1073529	5136633
807393.2	664135.8	87025.35	64879.84	128900.1	1689259	1852270	1660685	55595.1	324554.4
163675.4	136251.3	0	2910.248	10118.74	71819.17	672253.3	255707.7	34890.21	72469.18
260459.2	261903.9	3551.408	0	8005.489	444519.5	764489.9	516094.2	60327.28	87326.34
66690.4	65689.28	8465.853	4206.837	34100.62	126761.1	179064.2	44112.94	0	46795.27
434086.6	335883.1	112818.6	134811.4	148092.1	644394.9	1031098	667565.8	117589.2	57727.25
12698982	8126334	2713708	1957370	8400517	29546087	23696324	10793343	2763973	8394830
282242.4	97850.06	185021.4	246758.8	161569.3	445405.6	343824.8	285194.4	200687.1	169694.9
412760.5	297557.5	38877.31	23627.93	139960.1	961326.4	799056.3	441259.7	36311.8	241264.4
6.02E+08	5.77E+08	14438745	11024684	2.06E+08	4.48E+08	2.13E+09	9.52E+08	2552359	1.33E+08
1334113	849370.6	358960.9	484169.9	702938.3	3403817	2010000	1369650	276929	748467.3
436928.2	615200.6	61866.99	80929.27	444187.3	1313544	431569.3	177838.8	40097.33	147909.2

703220.6	322550.6	292745	141396.1	393555.1	1486155	1079187	892797.6	201005.3	608605.8
207638.2	56731.42	129111	300657.8	71598.38	226387.3	333697.3	298560.4	189614.2	205707.7
1116082	809568.9	13570.89	0	83502.59	2450015	2732099	1247554	189417.3	647448.8
748640.7	445349.3	113321.5	81351.26	291259.1	1622114	1470974	801446.1	112277.5	526104.5
2154311	1336290	459425.6	303799.2	1192316	4906881	4386714	3510897	506907.3	1166360
897906.7	617834	184567.6	460967	392307.7	2113287	1529283	1722143	116247.8	501836.4
27262713	37999816	7955161	746102.9	266755.4	22214348	95079639	79606480	121440.4	71661.35
354675.8	234329.9	40929.58	45985.2	190511.3	869256.3	548255.3	362998.5	67376.95	181987.8
20946906	16877743	479584.5	206251.3	2074100	16867964	78262721	34700837	5501998	12267767
2909256	1990964	128833.8	96412.35	520354.6	6006435	7068296	4515063	687489.2	1899961
1800546	931020.6	318330.2	187468.8	924163.5	4689840	3286136	2859566	409818.2	1416908
527569.4	361718.9	38049.7	16621.94	172132	1485766	793251.3	728472.9	58426.06	253545.6
567016.4	445333.8	77230.12	137178.9	205166.5	839874.8	1725360	391982.5	79797.77	462424.7
26531906	21201215	16812.79	5541.364	456971.7	33278157	90812220	43353549	2423549	22145098
8943061	6008857	316719.7	244708.1	870565	20502925	25265917	16158726	2658887	6995121
268596.9	140677.6	47196.36	47279.5	229262.5	597296.3	473359.8	381122.5	134178.7	105753.3
77201.49	61754.72	20135.09	27538.59	51515.62	166495.6	104853.9	48829.9	4984.019	59888.13
180727.9	137039.1	27341.15	29083.21	107929.4	387516.4	392271.3	183698.3	20784.08	74751.9
76366.3	68971.66	0	5079.174	3445.588	134703.8	217501	109232.9	35482.94	180941.5
307424.6	157645.4	70944.63	65664.45	130401.7	1062877	286999.9	298330.1	428843.7	102710.3
593913.3	629894.3	151207.6	8593.337	447351.8	441920.2	2102571	887865	49109.87	183035.1
234958.3	302737	37015.32	92714.45	35285.16	412485.1	668596.5	770950	67824.99	61819.9
1377202	528875.4	645418.2	960481.5	1088883	2414871	1932435	1891286	661030.6	980792.4
3418732	1840793	361243.4	291544	1011813	8691328	6001782	4099200	777251.5	2777421
235522.1	82338.76	192510.3	240028	59672.72	478074.9	177337.5	167747.7	323633.4	153678.1
282154.1	180331.7	426068.2	488988.1	113657.5	145304.4	278427	577594.3	306643.3	135922.9
1028082	904478.6	28643.73	5765.063	75775.67	2392920	2929239	2286577	225686.1	475542.4
226008.1	320396.4	217569	302319.1	226025.7	267024.8	59463.95	45469.8	81180.39	130098.1
660265.6	707110.4	163419.6	133738.9	341278.2	1993338	491922.5	986461.3	6443.481	5573.797
178459.1	164177.6	32172.14	57690.62	100210.2	570886.8	177888.4	106761.7	29226.98	61286.17
1517480	1117618	105446.3	72927.98	386717.9	3207681	3465760	2913462	109503.9	709775.9
464333.4	345804	7931.845	3803.984	64154.8	1427590	697351.3	622994.3	102991.7	283827.2
287659.1	205411.1	5567.099	2741.044	25634.54	664545.9	816544.1	404908.8	30764.4	187520.2
521511.4	368857.3	148931.7	147893	226745.8	1248963	940960.4	370569.4	81420.37	364689.6
5054156	3898265	225073.6	80831.79	893770.2	9773163	13078989	7740789	1118864	2729243
1226908	1165277	40904.97	9611.39	41908.26	1167316	5301698	3191580	114948.4	694319
405877.6	273078	70890.97	45957.23	189479.1	1208021	608544.1	407568.3	84173.09	205306.1
151309.2	105684.5	28327.32	9451.943	25246.04	249598.6	409571.8	211285.6	62164.3	69785.79
110130.1	43603.29	35964.27	40581.98	60212.19	243872.9	187523	120874.7	171220.5	76724.46
7528884	6758909	7036491	4479808	15395276	4265334	7800080	8945290	293447	1979909
1874685	1287336	210821.5	102927.3	685021	3465213	4513359	2763276	217987.8	788337.7
4288150	2532006	791580.1	381633	1941253	10702365	8514307	5035057	660823.5	2780618
1462215	1850860	74362.22	80977.83	410609.9	590977.8	5659730	608874.9	9158.635	329201.7
318589.2	88438.95	59366.68	69199.63	85047.93	330413	981857.7	409824.7	336170.5	253597.4
4248192	7091871	6289.825	11532.05	0	860024.2	18621134	16766054	0	0
425295.5	180836.6	417804.9	509450	507589.4	283717.6	440671.2	728866.4	360876	401787.4
16407960	27475557	30921.23	4843.263	0	6581292	68927406	64893675	28161.84	0

462861	377274.3	28269.6	4856.601	222930.1	884960.3	1282534	358064	14748.97	272985.6
1356861	649626.3	470508.4	481505.7	759030.4	2614693	2264915	1242460	552466.4	1004938
583503.4	411679.4	144505	217980.5	125212.9	1059777	1261841	527822.1	533207.2	1249992
836215.7	566029.5	6413.724	4758.032	17764.39	1803189	2562304	764114.9	222769.4	1123241
1069097	1024758	112203.9	154153.9	481964.4	2186498	2658575	1333920	77195.43	152221.9
249032	193132.9	200438.1	198489.5	98257.58	480956.7	229579.8	501115.6	100239.4	124867.2
139049.7	92827.22	10051.57	11307.99	61808	346966.7	294412.1	260398.2	32686.91	63858.45
2.87E+08	6.32E+08	17268500	15298734	10685725	4.57E+08	8.22E+08	1.42E+09	5244094	9117229
8197439	9586470	198630.2	167734.6	3722296	6956452	27639383	4789520	10265.63	746548.5
2156118	2035795	175385.3	165016	590776.6	2076800	8398652	2345521	98382.04	473151.6
13238002	8152909	3232278	2772495	9398519	28086605	24934403	16333961	1968995	7516966
920115.6	177517.1	194326.1	181123.2	509905.8	2164733	1411718	862308.9	1207147	909145.2
17574499	15713220	2829478	2967187	46446132	4449674	35153493	43100663	112915.5	16739695
34577203	26181348	3705799	2001722	23319810	6481720	1.28E+08	38875827	9686462	25917540
837382	1229539	35630.37	4663.214	41540.17	291308.1	3516981	2960242	0	1853.701
135792.6	166926.1	0	2489.606	0	314754.4	325319.1	424873.5	5290.217	87709.81
120746.4	65350.57	34266.74	6399.651	99673.7	186473.5	258443.4	93765.69	30629.16	116639
535608.7	403869.5	89091.28	71421.58	342240.5	1301801	775278.6	345342.8	164768.2	284532.6
628979.5	437896.6	117456.5	156678.2	295016.5	1093941	1373303	713066.8	60380.15	306329
16897365	16697379	13417332	8966107	33737741	5008122	26400370	41559968	61324.55	25923421
274546	232307.1	129839.4	75925.61	598707.9	387295.9	227185.6	464383	161872.1	109354.9
68758.08	63684.45	2464.132	0	4237.884	6562.753	355895.5	130491.7	0	0
253471.8	198545.5	44849.26	56313.91	88573.65	459066.1	669668.4	447318.9	15693.44	87741.95
6350567	4106805	1115340	536227.2	3158035	13869698	14252227	5350591	1272571	4108462
1360347	971430.5	113909.7	3809706	2464173	363368.1	330844.8	2435945	716883	241665.5
151937.3	33245.26	190963.5	125128	34986.7	314893.7	76663.67	196266.6	145247.9	106760.5
760711.3	542375.6	122121.3	125012.3	534377.1	1625808	1268994	913348.5	131638.1	333266.8
999916	594547.4	176330.3	69872.53	414143.3	2120145	2045764	1041975	182813.5	666117
682103.8	436255.3	1126681	142917	1541866	260706.8	446190.3	431860.3	1145423	1159158
699751	426215	112624.5	245766.4	474704.6	1259285	1304493	1063172	129679.9	358581.6
247276.7	195777.1	24069.75	7033.176	48740.9	587812.5	518325.7	233212.2	6565.108	111728.5
266684.2	178848.4	21613.17	6483.937	45421.27	635761	680759.1	360994.4	14735.13	156617
782798.6	519095	68546.21	128052.1	204921.7	2132107	1229638	982273	133496.4	360074.6
3682005	2533046	78398.11	55353.51	271080.6	6269644	10934925	6305982	903427	2911728
292665.7	204616.5	189336.4	235891.4	48929.22	498099.3	451484.7	384537.8	145858.4	115118.1
941945.2	582758.2	176493	40225.4	379229.2	2394102	1897298	1071736	111776.7	610050.2
186337.6	120656.4	38476.77	2515.73	29622.64	94017.58	720027.5	163429	40947.97	149376.9
470539.3	478119.1	3144.479	0	9856.333	962153.6	1497066	257510.5	6201.734	159660.4
1474591	779702.3	1972717	2484680	834807.2	1185832	1041949	2624445	1758745	1347153
280388.7	132437.6	48720.95	19419.36	199100.7	170237.3	908896.9	352184.1	85503.43	221541.1
8770354	5264994	966206.4	548273	4287749	25071847	11350147	14492055	1193269	6023268
281917.6	234485	242813.6	255916.6	122273.8	616818.2	213780	450437	39805.79	112779.2
115135.8	101826.4	3390.952	4978.521	13569.43	362831.6	164811.1	167321.5	10213.72	27915.21
2861961	2493297	298070.3	700744.3	2726699	2385147	7664552	6650753	35019.08	2356809
467108.6	294120.2	77145.98	22819.52	250518.5	991703.1	1075584	833628.6	95817.69	285830.7
237945.8	177649.2	75760.45	94864.81	111773	477298.3	394025.2	484071.5	52191.28	112113.6
21319169	46695551	19245735	2848124	792550.1	91945861	218244	390129.4	410189.9	257060.9

127381.6	132406.3	8441.735	0	52971.27	282012.8	321224.4	134106.3	14719	101073.5
153323.3	116026.5	153118.3	153320	185103	197852.8	94147.56	54848.9	108787.7	143154.8
124660.4	89356.66	4892.829	0	22469.4	337089.6	234730.2	107737.2	11354.54	74501.97
7453793	4985972	1542097	902477.6	3860651	17009556	12783083	10708449	2565440	5410868
170663.4	42916.26	141614.6	179706.5	202345.2	150736.4	185554.3	200225.5	103536.7	155770.5
298185.7	371011.5	2096.294	0	65376.57	254850.1	1090204	85904.9	0	0
354312.9	221121.8	78572.75	52992.64	124483.1	896565	561507.4	338068.6	85506.85	197216.9
1844305	877621	535191.4	929550.4	1837074	2534524	3200069	2791956	586465.7	1640222
170966	103673.4	37299.21	31404.37	34859.84	430430.5	292738.3	312700.7	30132.21	125828.2
509490.3	322314.9	61936.63	36653.42	158461.7	1225616	1155482	555423	92088.35	302922.9
1036036	738785.2	155678.1	82733.91	326319.3	2396412	2042677	1075902	81454.08	611405.7
422692.2	152876.4	163830.9	81676.85	133958.7	924419	753290.6	555874.7	170696.2	407703
1350184	903581	417765.5	193640.4	686330.4	2989495	2263190	1208254	213836.3	823222.8
1.21E+08	1.95E+08	12577256	11529966	2.85E+08	15289596	2.5E+08	4.66E+08	38668218	7301951
629807.3	567050.5	364875.3	223509.2	421305.9	1653593	382303.1	472080.4	219896.6	452308.2
11196442	7949373	1076033	643220.1	3606976	24810601	23974986	15453385	1138534	6958915
369028.5	289323.9	10454.78	2742.669	82039.88	1112223	566236.5	443657.4	34891.82	150523
104160.7	48453.13	3546.794	8886.555	62089.78	74951.67	393074.5	130826.8	31319.07	77869.45
406685.1	591343.5	58149.99	37631.71	436936.9	849190	564877.2	325926.8	25664.32	97032.67
234050.1	163630.1	94254.7	106675.7	91950.39	548721.6	361774.9	123388.7	60282.6	174159.8
1237847	884077.2	305275.9	145600.7	711327.7	2956589	2263649	991692.3	214674.4	708239
709429.4	702310.7	5308.7	5076.068	7183.256	1160977	2217367	1238010	49518.21	466707
1940025	1137698	353155.9	159296.1	768209.8	4060916	4072378	2042092	317790.9	1383660
179909.9	61690.13	36227	17927.21	91304.6	403270.3	327363.2	222621.6	156092.8	83957.6
370456.1	329791.5	0	0	26816.2	750170.1	1003550	465203.4	4576.304	78775.06
301235.2	268326.5	33660.98	9868.594	156755.9	208248	1165206	292710.6	0	72765.73
286758.9	373316.9	82104.98	93056.41	679274.9	309539.9	323561	928957.2	0	57645.84
474085.6	350767.4	65793.56	70030.91	152262.4	1102556	1057339	588131	40848.17	292422.5
545725.2	353946.3	23028.51	19702.03	169069.3	1094324	1334794	566524.4	27788.52	406622.9
176173.3	174604.3	6195.244	3705.678	83785.9	268252.6	553648.9	201294	13440.79	103116.8
1530231	1672334	3565509	1133576	2222186	0	469132.9	3800009	0	2721120
318852.1	305679.2	12934.25	148575.4	167286.7	548596	768779.5	172057.2	11223.26	147304.3
690473.7	409059.5	177520.2	200612.5	425397.2	1624721	1113399	1014824	123052.2	399265.3
242838.8	169996.6	68696.32	61459.32	169178.8	418112.1	466568.1	130621	29138.21	231942.9
176131.3	261603.3	123474	103014.3	416007	59337.96	143702.2	638794.3	0	52737.13
407891.3	293020.8	6243.14	0	61717.98	812601.7	1088807	674958.8	147202.8	211666
211569.5	232175.8	0	0	3216.661	427700.2	584335.2	309044.5	40218.92	89552.13
786073	636480.7	3565.061	17021.53	11156.08	1141183	2924883	1367915	57499.2	697344.8
124101.9	58951.96	70509.6	149692.2	169760.4	149837.1	71943.88	169124	78656.44	85227.79
554901.4	386871.3	159272	145136.2	235453.3	1412081	901764	587400.5	102975.3	362019
1544801	2014478	0	0	4044.822	3121851	4268079	1888769	17569.69	599295.1
196716.5	138070.2	40263.52	3659.948	67821.12	438462.9	463900.2	210205.9	18638.26	131768.6
350667.7	374119.5	87127.51	73570.01	191183.4	824299.5	634554.2	986471	13734.17	160668.6
114399.5	101698.9	0	0	5032.342	0	537399	162936.6	4959.594	50725.38
508765.5	682244.8	155537.9	4110.201	0	212757.3	2046799	1490980	10866.81	0
12819331	8995670	1515247	2786313	8301236	54251474	46705.33	27417579	3339821	8327148
175818.9	133699.6	64823.64	71517.18	64302.18	311236.9	390019.5	131887.4	23823.36	145268.7

3822357	2562363	607762.3	272517.4	1207800	9025978	7456865	4186917	495990.7	2227001
316961.6	281005.1	89082.62	127136.7	186372.5	867469.6	361267.6	498463.7	50877.53	61653.21
1895436	2047379	159872.6	292288.7	976686.7	4424894	3939131	3144196	104917.8	1368886
171576.5	110555.9	20544.72	26640.2	8534.366	28385.18	736496.7	185079.5	0	142756.2
135452.6	110448.4	21496.83	38359.66	64655.63	316974.1	254701	286468	8678.771	69236.94
260312.4	216647.9	144868.6	141596	63584.9	414206.7	506083.8	132359.7	117953.2	132074.1
454051.6	321290.6	45488.94	21363.26	185256.2	921494.1	1033168	497767.4	37964.5	233415.6
5755331	6983072	4180284	6230068	1701932	9087851	8400132	18089866	2958427	1639584
236266.3	174843.5	14886.67	15949.02	34377.42	639536.2	440671.5	412655.2	17319.57	82560.44
175466.7	108351.9	141008.8	143025.6	146092.8	113423.6	319485.8	265806.2	91531.18	102804.6
180691	161836.7	12197.45	4431.521	52313.82	602513.7	263640.8	219041.6	5934.8	49282.93
7544572	5214222	1754722	1449893	4669768	16462930	12495500	8391114	1090300	3678720
280899.9	133577.2	117870.2	140694.9	182932.6	455850	483918	269363.1	110807.6	257559.3
20661986	14430330	3575019	1777490	10130524	45160937	40032199	15261669	4295503	13105874
2630029	3119244	326763.9	412924.4	1801201	531081.2	10643289	7935116	18341.66	1749423
545089.7	380730.2	67491.44	57407.38	251698.2	1376202	1047583	540486.2	85945.88	279486.5
2240555	1457246	392996.8	181698.6	1069205	5120825	4156247	4135333	413765.2	1201873
1842113	1136343	104537	118293.3	81569.71	3385659	5818744	2743636	390277.2	1541216
1303991	1263841	38180.93	14582.16	424848.7	3463973	2792728	771628.2	22660.24	442178
957196.3	1355448	5708.68	0	8617.041	202571.9	4327958	3190129	24402.31	203517.4
183651.9	107935.6	54126.28	53935.55	88280.39	516259.6	182750.1	123257.7	60691.92	141982.6
2607555	2624197	0	0	142131.3	2248389	10127408	4816800	66345.23	1914789
4002164	4155257	3735485	2366599	7234026	1263228	5903014	9922822	6643.504	6707354
423589.4	456166.1	0	76545.73	348979	358016.1	1265806	518329.5	0	0
821777.4	527561.8	854404.8	852748.5	812480.8	1056186	474867.4	1278111	73063.09	499845.1
92678.64	64405.51	0	4086.516	9868.348	199857	236002.2	105233.4	18014.5	115413.1
753657.1	722070.8	248009	155604.9	359488.4	2617695	513643.9	514302	103629.2	529025.1
119936.5	94398.12	45043.14	0	36346.54	274653.2	228084	116855.8	8583.479	50095.99
989544.2	798255.1	206755.1	235780.8	1040461	2104975	1470867	727852.6	1047769	167526.1
6091889	8720856	2392267	620095.7	507338	1982651	23667273	20793758	185242.5	7409433
4611105	5141473	779069.4	408964.6	4656278	138167.2	16243434	8610727	62553.18	1473008
112960.6	120297.8	0	0	33807.64	405914.6	145358.6	78429.28	10499.11	32652.15
232486.4	231388.9	158231	151457.2	105419	494216	280110.3	66146.56	37494.07	143263
91323.83	59001.46	28676.84	43243.51	44011.09	206481.2	124992.6	114200.6	26681.44	31843.06
493067.2	200987.3	376857.4	350867	27621.84	562446.3	1104584	547952.2	307083.4	424184.6
311348	349875.8	25780.61	2889.643	46836.85	1214540	325856.4	627670.9	0	44725.03
588840	469433.7	6647.543	7558.451	69176.17	1474537	1473510	701900.4	112783.5	290640
2104352	2298087	131992.9	142551	151578.6	1103963	8584770	5775976	151801	785109.1
67429.42	54297.66	0	2737.368	0	131443.5	193054.5	143852.4	9970.304	30644.14
1786038	886395.5	427797.9	497343.7	1006129	3250599	3921932	2670325	548258.2	1401718
629813	615589.6	126607.9	465389.1	310109.1	175625.2	2168938	803378.1	24471.63	138037.8
1568458	726449	619295.4	314887.2	1046868	3551300	2171624	1805353	471531.4	1237140
737879.7	375316.5	142335.8	47730.53	433787.2	545993.7	2424206	864392.3	261115.1	757387.2
473448.4	233006.2	176537	140429	257281.8	1243396	596451.7	423364.8	194296.2	456331.7
4080531	3224959	375293.8	780967.5	1313569	5702117	11708977	2828964	307264.5	3784842
10644095	10488499	3331.795	0	674837	9965302	40738109	19829467	267632.4	7488374
74191.81	47404.71	37999.26	37249.79	49665.04	83612.38	156268.7	93417.24	26182.85	20584.42

5935915	3608507	1396333	696579.7	2048642	10778447	15436201	8711564	1842381	2700842
1654706	461468.6	1040121	903817.1	1406813	2721251	2121922	1697052	1149605	1644671
2504641	2001153	0	3183.256	18191.25	3240502	9676846	4223103	177591.9	2003115
940385.5	967014.1	762361.1	0	2047085	697852.5	1303388	2293058	0	1168043
10481511	10225541	5912965	3881334	3797535	3635363	36737934	25723831	232934.5	5061245
3502749	3053834	71550.68	26538.68	284933	2446844	15318969	6035429	807095.7	1863313
37079828	20332355	9454455	5211767	13347252	65652891	95669126	51886115	13430132	19665321
12763949	8299880	3337759	3525104	8186946	28438138	21537519	9811596	2850680	10420467
203976.9	59112.8	131919.2	131102	104756.7	456426.5	209203.6	295054.7	204613	216425.2
1025485	1151110	32561.92	289399.1	836656.4	2231593	1612088	1042176	176846.6	261396.1
537495.8	305608.4	178738.5	186964.1	110539.2	1216409	943997.4	789931.9	29204.32	482547
238063.8	112803.4	91960.75	282709.5	228928.2	184537.4	389017.1	371273	96370.11	152567.7
308287.6	111254.7	180984.2	228255.8	48341.41	310277	749280.3	397651.1	215019	209666.5
629076.1	407519	181567.3	79862.05	310197.9	1156105	1357804	517537.6	159954.3	368802.7
388791.9	279642.9	24927.6	36909.03	84554.62	1268656	478824	458396.5	20301.1	194000.3
4090774	3019983	1067022	605229.8	2552228	9245107	6587639	5911039	455399.8	1520001
183834.4	128397.8	85213.72	97539.7	96183.49	142077.5	480962.8	312960.4	19893.47	78470.86
174385.2	138220.8	52773.68	35894.1	31820.63	276977.9	455592.3	281467.3	10170.44	64712.54
346823.5	259049.6	82893.09	65130.18	110507.5	423988.7	1012889	684476.7	52578.89	315137.9
588897.6	450981.9	287554.9	363991.6	729886	116428.4	1392303	449838	392759.9	336140
554123.5	340697.6	164327	197576.8	374538.3	938477.6	1140705	802281.5	102602.9	283755.9
2975957	2919643	657620.3	33408.6	2046836	2278219	9482417	2845092	248320.8	1470973
586169.8	370308	96411.36	43120.41	163855.7	1366678	1322948	643452.2	39546.6	435244.3
1146589	765396.6	184899.1	41333.42	438845.8	3011160	1937020	2055377	212188.7	547878
1104008	807088.2	925032	875644.1	189885.3	1550032	1898140	833518	112216.7	721054.8
167519	133914.4	76033.39	46330.94	212428.4	15926.65	505731.8	148508	87546.57	348397.3
32989735	36647075	1072794	686394.7	13822585	715899.3	1.43E+08	45477271	178840.6	3564001
8662842	6813754	8605.019	7269.885	161108.2	10939984	31019398	14537468	749442.2	7463092
5790703	3976769	832587.1	365507.5	2680022	12384673	12138580	4728354	951642.2	4166571
1478463	655051.8	1564861	753260.4	3264380	604288.6	1300509	2392720	553390.5	1377207
1897874	1014761	981139.4	943990.2	1227733	3753374	2704809	2390087	730887.3	993175.5
111603.1	79292.02	59135.57	65394.89	69584.7	163566.2	192705.9	111246.4	40448.65	51905.55
1326205	1299224	139798.4	43483.64	788334.6	542116.6	4933301	1223757	196495.7	251349.4
18501547	8265760	3908628	2408622	9525758	36935175	41281226	22538923	5198461	15967594
181505.1	137692.9	37818.41	40293.53	85559.38	310226.6	450873	279043.9	11388.42	51611.99
200871.6	99048.07	157237.2	225043	230366.8	206686.5	192786.1	128722.5	157104.7	269830.9
2817221	1821925	233419.9	135991.6	270237.3	899637.6	12990104	5282602	1528834	3645320
2274142	1421390	377827.2	393647.9	1206098	4077115	5124931	4203632	345776.7	1667254
389753.3	49261.02	62855.52	642536.9	478366.3	399657.4	349284.3	386910.4	323299.8	368045.1
688642	126565.3	451788.6	596836.8	971199.2	837225	568470.7	628436.1	612645	598920.4
554709.1	357986.6	188095.9	151471.9	194442	784978.5	1407978	644563.2	177167.3	426332.8
20073880	17490212	5876835	16444144	32074569	18220335	29206258	42690591	6417994	87261.05
733724.6	753214.9	33162.7	30839.36	747983.8	414442.8	2532934	223195.8	0	538663
380436.2	236824.3	53169.93	105206.3	217070.6	757674.6	799039.8	353113	60093.93	266239
182840.8	104068	100556.6	97065.24	131131	229982	345384.2	234245.4	90281.3	80333.02
932961.4	616510.7	130457.5	163859.1	490741.6	1448664	2512470	1422870	119527.6	466967.4
1711020	994136.3	241373.6	228257.5	159957.1	5045116	2720761	2501597	277943.1	1057445

181053.2	190746.6	14091.09	14094.48	52474.34	521025	323187.2	248368	0	43903.63
560663.7	347222.1	366218.6	380115.3	201309.4	365468.6	1449846	801945.3	194292.8	423412.5
297491.6	238464.8	103396.6	115805.3	102851.1	578971.8	609619.1	582764.5	15294.84	138143.1
3126749	2355277	311365.1	141731.5	965355.5	7084748	6856456	4219623	315181.7	1755222
399042.9	343152.3	17600.01	11402.09	57559.66	532845.8	1333945	818210.9	69052.66	196865.7
61705.2	40715.31	20268.19	34723.99	12234.44	163594.6	82354.74	117153.2	21216.6	54356.95
1142076	2553760	0	0	1512267	1603048	2421540	0	0	0
3177199	2519354	44133.59	41102.25	293632.3	7405324	8410366	3604741	483038.4	1716531
2996821	3033393	117997.2	89813.88	842426.3	7336690	6311908	1604663	36052.3	929492.1
484316.9	322809.7	62551.83	28211.47	194611.3	1108295	990152	460143.6	42136.07	345169.9
1215260	870067.5	777310	842175	1787213	1688210	920848.9	2323420	71598.4	1796740
283852.8	167204.6	207273	209677.5	159233.2	211152.7	616864.8	497138.5	130459.1	167337.4
721216.3	408874.1	124359.1	58872.43	323323.9	1882074	1163933	670111.3	166503.2	556385
118636.2	65780.71	0	0	24401.25	31105.33	523231.2	149971.5	62399.45	92577.59
732540.9	507621.9	507749.5	650019.1	550236.7	313947.9	1684477	1456258	302418.9	232273
172883.1	127993.8	5763.08	6155.236	116379.1	438680.6	311085.7	194825.4	19824.79	62942
28608477	27327590	88755.34	15912.67	814224.3	31864084	1.07E+08	34754853	3488566	999970.7
3084466	1988388	331586.9	226912.1	1578643	8753072	4293856	5729457	482288.6	2157885
1316608	944569.3	323805.7	179048.1	810828.1	2857278	2500834	1225225	157711.3	788724.5
142076.6	168098.9	0	0	10693.02	64525.14	617196.6	126469.8	6122.827	150365.8
1677955	1055172	142300.3	60928.81	510018	4054596	3495768	2499819	301850.4	1035043
326243.5	255985.5	6373.763	2686.265	15354.18	440347.3	1135514	565448.4	30028.59	245126.5
1892316	1261317	198774.4	125413.5	673957.5	3664896	4661077	3067033	169183.6	1499973
199680.2	148883.1	14641.35	13279.45	20028.41	322086.9	645866.7	320227.3	8973.634	80140.88
108802.6	77299.4	45288.92	0	58891.02	251755.3	195218.7	68797.79	12018.94	98665.57
132788.3	109566.1	2735.182	3520.317	6458.595	117358.1	520464	281184.8	18884.75	70644.98
288844.3	202617.7	32686.9	17351.69	179136.8	620536.4	575597.6	483073.3	29802.74	152775.1
38640738	33057747	2002561	888821.5	21953815	23545813	1.49E+08	46192416	1521699	8113800
493603.8	418681.1	90762.21	101282.7	113379.8	599178.5	1604499	770435	49509.78	337821.8
526303	480378.5	86771.38	25773.08	524740.2	364955.7	1587748	391775.4	0	193094.5
2838107	2715162	0	0	4256.28	3726139	10189907	4942184	544320	2020817
346949.5	312491.7	211138.2	15552.36	165260.4	329761.9	1038599	859711.4	112203.5	199237.4
287897.9	212865.3	21207.56	16554.03	110410.4	465507.1	805489.6	620244.8	62994.62	207501.3
2108109	368956.7	1762697	2228903	2562391	1574584	2439955	2719975	1876750	1788669
458324.5	315811.8	295123.2	122922.6	484202.1	281297.6	1083884	939004.7	132927.7	242788.2
222903.6	235172.7	82591.88	54271.07	107555.5	503227.7	351750.8	98658.41	19123.88	88333.02
5037109	4542609	956224.9	681653.5	4671832	2055861	16424700	2663743	1390091	1620013
234932.4	235526.5	13759.76	21729.48	10205.29	412375.6	736439.4	227644.9	69188.46	174626.1
239308.4	288583.9	46265.03	38040.42	36130.62	332363.7	723445.2	751717	116118	53814.67
5826922	5064888	2429840	526850.7	3597011	16644230	6325797	11982631	291538.7	1588495
859076.7	222425.9	377718.4	553248.5	434225	1850542	1047920	571221.6	1175002	847994.7
1773963	1403030	0	0	30575.1	2347650	6345785	2884089	183443.2	1472588
162227.5	99451.59	34507.32	59344.53	73272.5	398610.1	236803.4	268941.8	29588.37	91240.82
215931.5	193963.9	70074.47	39261.08	212780.3	475398.1	270077.2	170198.5	31771.2	92288.1
403182.6	563859.6	64045.22	62047.54	132742.8	156868.8	1641313	1362451	0	197830.5
146295.1	94417.94	6574.044	6712.313	37990.16	185167.7	505827.6	275535	22545.11	98382.08
549521.1	247780.1	279716.2	335858	384400.9	1024553	704827.7	592091.8	238684.7	385483.3

2358778	1639958	325468.1	183966.9	1602599	6276652	3267670	4226126	279595.5	1056559
971737.9	984461.9	0	3581.333	49236.33	867969	3849891	1944210	9289.443	689539.9
134576.4	102699.9	0	0	7366.609	87336.51	565974.2	107719.1	91247.17	196269
1155378	536524.6	974041.9	921581.9	1091241	1134598	1683515	2024151	664046.5	1171901
4402898	3249809	717862.1	355095.1	2055154	10440605	8700835	3087816	795573.6	2682974
473980.7	356169.7	96584.56	142638.6	134184.1	834906.4	1188565	764935.6	19019.39	157918.5
332681	291894.8	0	4981.735	146831.8	267835.2	1218198	563881.5	13474.7	298273.3
2060013	2200441	90980.53	15192.01	896989.1	1135143	8341685	995226.4	325002.9	995781.3
1007679	1022014	0	3664.756	63411.07	919175.6	3965994	1866227	0	701538.6
121171.4	173478.4	6363.115	0	49643.48	394486.2	165624.3	80477.7	34849.31	6216.507
572859.3	447185.1	65090.17	94453.82	218015.6	795529.1	1726533	980524.5	46652.03	134744.7
180967.6	180328.6	2607.892	4471.034	0	142236	740021.4	306360.9	10953.19	154348.4
1948123	1027649	58749.14	24879.39	287411.5	3632235	5622700	2589855	307050.5	1563145
1154864	1487638	324978.6	100414.8	1622933	347392.5	3297955	3740811	103727.7	240161.6
162926.5	96364.12	49210.28	3875.368	197653.3	58811.05	514424.8	271855.5	14253.19	137289.5
403663.7	293549.1	6335.476	2439.741	125505	634566.5	1224945	577050.3	67775.4	207524.7
6648872	3953918	424269.3	332518.1	617203.2	9643895	22635670	9166896	3560869	10444900
78983.76	62904.9	3349.689	0	10836.9	163064	213064.5	126493.5	5177.587	31635.23
5030724	3171419	796795.9	356529.8	2187296	11803226	10252130	4892585	735491.6	3466623
3859417	3281356	8937.186	6784.977	94120.83	4513090	14932179	6287237	223053.3	3055567
173922.5	127051.1	10039.04	13799.82	80467.86	422622.9	334659.7	231597.1	11096.11	69642.91
116259.8	81642.72	16134.3	5861.655	23731.75	257165.9	283981.3	166633.1	5716.005	52095.27
3444537	5722012	6821.173	0	0	1468822	15448900	13540155	36063.26	0
296224.2	93048.89	99842.98	92961.79	89756.12	747009	441051.3	162725	404635.5	248909
5350166	4594148	10518.66	5697.967	43503.12	6587895	20439173	9288904	450558.3	4110359
97665.21	60306.03	2507.84	7197.854	15201.03	285343.2	182770.9	107911.5	15520.88	63169.12
1452109	987272.3	303225	79007.93	622825	3649713	2545661	2368127	590275.7	1004210
73246.04	68447.01	0	0	7903.079	216220.7	146010.7	89959.92	0	11153.24
17216949	16618621	12962094	8097368	34173597	4931986	25275449	41992681	53701.33	25473977
1261532	1060052	163033.7	187404.4	197891.9	2504656	3310288	1875213	60415.36	383661.6
1909801	1295828	318261.3	125186.3	632367.2	4583617	3815103	1984447	277242.9	1086616
102783.4	80098.19	41651.63	27006.28	59801.07	144664	237295.4	153710.5	24220.72	52509.23
83430.88	73557.72	0	2683.991	0	12801.4	407417.4	59901.82	8700.781	49115.92
456523.6	258412.5	244905.7	211822.6	139732.9	841065.3	832484.9	505436.3	108658.2	320504.6
51869375	33751863	12159416	15448976	43317385	1.03E+08	87427005	63186590	7365909	29472444
308859.2	263149.5	156532.7	212097.7	174536.7	461478.1	548820.3	178426.6	146088.4	112384.1
5891224	3109454	1667635	2028628	3908507	9182129	12506050	6438362	1886082	3783639
20374531	41517042	667916.7	295579.7	1896549	8448075	92200409	94523251	5902120	703676.6
1602647	1190832	552850.1	451986.6	1032476	2982522	2944101	613181.8	182624.6	1733555
265073.6	34338.45	137919.7	302970.6	272447.5	479568.9	136616	268711.8	207045.6	270836.1
212602.7	116194.1	73670.31	105647.6	48763.14	146759.5	680139.9	316684.7	40475.06	165428.2
8842229	1698250	1987909	5076254	9179549	17315492	10485949	6897193	8505241	8909347
10700886	6576188	2288351	2605034	5121175	14884032	28258611	17011289	1571250	6153903
1406658	1289409	102657.5	85557.68	430076.1	1210122	5271951	1538472	0	275609.6
4070127	3496096	2369362	1986966	2875916	9196048	4038836	4362987	676671.3	1634213
571387.2	580643.6	0	13315.2	81564.18	816491	1920300	668140.8	0	140392.4
337687.9	227502	74980.14	106116.7	228522.7	588120.4	681798	419547.8	84221.01	110086

52212620	30965114	13046037	11774556	35866971	1.07E+08	94783788	65087328	8948373	30866998
460864.5	246985.6	157144.6	116850	270867.5	911154.1	859507.7	798146.7	140349	326860
8303616	5529887	992825	1086929	5282273	22063089	11841242	12882267	777983.3	4047787
3350117	3284108	117725.7	32286.91	948836.2	8264067	7266105	1904887	87464.82	1101072
190268.9	135378.7	4193.707	7407.127	72595.46	457368.5	403699.2	269995.9	9878.053	143059.8
2808890	402721.9	623641.4	543434.8	1813454	6686596	4313789	2598788	3491358	2806679
222396.6	184703.6	10661.75	21389.92	26055.76	645989.5	415872.9	443323.8	4205.569	58531.33
934662.6	567880.6	1003222	1103304	312342.9	1689517	547183.6	1661634	928797.9	89202.3
1422317	572551.9	664379.7	892756.2	972898.1	2903069	1654365	1538726	754741.6	1068737
216660.5	131920.6	102870.4	103225.6	95484	343507.8	433603.5	273790.6	15651.3	192762.3
995833.6	455315	553186.1	1572750	1428366	806335.3	603970.5	568633.1	1280355	1636227
322344.2	272291.4	3488.083	2353.638	84242.3	693548.6	838959.8	430936.3	68145.42	162228.3
952849.5	556022.4	83212.26	156408.5	1094307	1235095	2173626	807212.1	58629.73	1159948
698733.7	816661.4	104202.5	59501.69	379377.5	531707.4	2392912	510994.3	109200.6	198821
329846.4	175853.1	233092.7	220633	170459.1	427947.9	592038.4	305769.7	164742	226804.6
596310	563948.2	32380.53	36305.43	100168.1	1191382	1640451	604156.8	26321.11	82426.81
1191141	1202864	28732.12	51890.14	949739.5	126971.5	4754398	3087144	1455747	1073632
182724.1	116357.7	14413.81	0	58271.36	386297.6	459249.7	235418.7	18898.4	116032
841561	623975.2	473993.1	28846.6	795288.5	429967.1	2500085	1516461	273070.3	518506.4
3225859	5419254	10368.96	0	0	1337618	14922211	12806927	10955.76	0
2680899	1684616	314003.8	148788.6	695695.2	6800280	5505790	2816397	406802.4	1924482
1139537	321528.7	866948.8	901556.5	1117960	1503343	1314609	1083664	931760.2	1114215
151946.6	226992.2	99379.82	205743.9	30205.06	264119.6	164160.7	553448.1	55086.88	14515.51
708092.5	385475.4	315864.9	1154084	957356.5	664278.3	441009.6	338389.4	837018.6	1296160
245536.8	211346.9	0	0	0	699426.1	534143.3	295758.1	0	49344.96
278634.7	250075.7	12012.48	4741.096	20041.26	36644.41	1328779	665925.8	71541.44	215329.9
294323.8	298998.5	3025.928	0	35435.93	127911.2	1314095	553222.1	52122.14	144791.3
231321.4	360362	3033.499	0	3627.681	321494.1	834798.2	117153.6	12306.57	74234.92
457699.4	287489.9	92613.21	117621.5	517096.8	625817.9	940660.1	298475.4	45853.36	547838.9
384658.5	292239.6	222723	393632.2	262748.6	594399.2	446310.8	887324.9	265428.4	314621.5
165604.3	115118.7	17530.79	3544.113	48226.32	374882.7	386215.9	200938	0	101155.6
514147	310516.8	86671.27	33399.88	256978.2	1222527	964709.5	840448.8	104511.3	272273.2
69878146	61780742	52337.09	48977073	148785.6	3.01E+08	217238.3	1.17E+08	16139589	91316.84
2216556	1384483	563327	995700.4	3164981	1224852	5154170	3298797	17991.29	3476713
4333266	4386071	3903115	2173813	7406420	1126665	7019817	10898084	22789.22	6566085
499171.7	372554.2	42558.01	38393.44	338819.6	1069223	1011227	799749.3	9776.407	189290.2
337116.7	164110	134762.6	138835.8	127238.1	568705.4	718310.2	323265.3	162068.6	250000.6
34086318	31381520	1673639	1044749	19222611	1.06E+08	42534127	83450594	1871037	21094646
16291768	34629205	3408282	3419582	4981048	35673501	34180648	50655.37	3026541	42543.35
581916	793323.3	8222.87	5450.193	17499.65	927193.7	1957171	370023.3	39673.76	279926.5
6366191	3703177	1056085	499364.5	2665231	13411426	14233722	6853255	986062.2	4686969
2473038	2293765	929953.2	177641	1621986	7071157	2549686	5862191	55586.5	762495.1
2733417	1924473	415672.7	453410.9	1253003	7124109	4406438	4164754	278083.3	1073764
2047931	1399638	474736.7	1059400	1851938	3823011	3022814	4356124	620365.1	2087525
29500318	22777040	237642.1	89177.16	1143741	12368956	1.33E+08	64831646	2608787	20299634
636272.5	576144.5	2030472	390743.3	383069.9	319894.6	60526.57	1124564	232249.4	165374
518993.5	104282.2	440884.8	612390.2	577278.6	582775	381310.2	436657.3	471043.7	460049

1568065	1975227	126872.7	46660.08	95814.37	278050.4	7301072	4046294	253708.4	4657.63
2109114	1450028	267172.9	227242	1019697	5680300	3356481	3641615	221426	985442.7
2000767	2434905	1678714	1051923	4169834	338010.3	2760160	5551833	0	3532523
1712248	894761.8	149500.9	67717.08	7206778	676894.5	454972.5	865697.2	2749748	1404752
191125.1	172801.2	113306.6	106154	91674.71	113401.7	530733.6	493605.2	57039.85	139942.5
176566.7	136179.4	48771.89	68808.41	51216.46	340778	373539.7	352449	10526.65	91125.32
550092.3	565488.2	8211.011	0	20230.47	433474.9	2287528	790095.2	5850.253	505325.4
266046.2	86734.44	165754.6	354194	335429.1	202126.5	272626.3	339943.9	137649.1	259792.2
1772308	1771005	2984.013	3002.911	102705.1	1610030	7139957	3418562	56169.74	1217780
568210.7	418498.7	67405.71	78203.05	162368.5	261478.5	2270792	1206232	162202.5	476992.3
78734.94	45797.27	23847.83	178481.1	103348.9	41111.81	46939.7	47092.04	80649.03	156091.5

HUVEC_11	HUVEC_11	isotopes	adduct	pcgroup
49488	48268.17		[2M+Na+K]	178
17160.25	39470.41			309
672201	717337.1		[M+H]+ 55	31
451366.5	633132.4			107
3003672	3709061		[M+H]+ 30	311
68901.41	153732.3		[M+H-C2H4	172
0	6847.204		[M+H+HCC	178
15909701	18829170		[M+H-CH2]	311
117989.7	196869.3		[M+H-CO2]	17
10596.44	10377.64			83
158445.6	170819.8			341
1941145	1874515		[M+H]+ 19	44
303402.2	263656.3	[1551][M+2]+		100
13549819	18319384		[M+H-NH3]	316
6975795	3279346			316
244421.2	137793.6	[1575][M+1]+		100
232091.4	130105.9		[M+2H]2+ !	23
119136.2	124377.2			208
186898.5	185539.3			96
5542.55	14464.69		[M+K+NH3	178
202616.8	130382.7			475
1954778	1739334	[849][M]3+		282
3594371	2132078	[1462][M+2]+		100
80840.02	98330.09			316
164002.7	268232.1			172
653329.3	99961.67	[1355][M+4]+		25
224357.9	140511.3		[M+Na]+ 3	100
741599.2	402857.1			228
979838.8	516171.5	[1529][M+1]+		100
632383	556767.9	[1579][M+3]+		100
113470.2	173536.2			275
173503.6	88168.21		[M+Na+HC	29
2286709	1598070		[M+H]+ 19	309
89190.85	60881.72			103
279960.1	597216.1			88
53840.1	15890.74	[41][M+1]+		221
63994209	35171300	[1380][M]+		183
14539985	11137496			245
88705.03	107551.1		[2M+Na+K]	95
6295340	5521796		[M+H]+ 33	245
86436.41	126086.8		[M+K]+ 34	47
585752.4	282064.6		[3M+2H]2+	75
213122.2	123569	[716][M]+		24
113566.7	171201			277
490130.1	1120859			250
32740.45	267793.6	[455][M+1]+		100

1200021	725767.6	[1294][M] ² [3M+Na+K]	202
85863.49	168727.2		243
256581.2	175932.9	[299][M]+ [M+H]+ 31!	103
1914945	860133.6		257
26215.58	32127.28		83
86643308	40152196	[1164][M]+ [M+Na+NH	153
34155916	17980591		100
410684.7	327174.7	[173][M+1]+	31
6119713	4685887	[261][M]+	100
85122.56	26102.99	[M+Na+Na	29
4747127	7795382		395
2421930	2658677	[M+Na]+ 2!	192
46072.07	36862.44	[122][M+1]+	49
26186907	11868560	[1243][M+1]+	156
49495856	33948702	[430][M]+ [M+K]+ 31!	100
25833662	11971732	[1315][M+1]+	183
25412719	16452647	[569][M+1]+	100
646474.5	1709232	[566][M]+	14
244063.8	315063.4	[M+Na]+ 5!	119
1982646	1939491	[M+H]+ 17!	199
37436.72	55471.6		95
156346.6	275551.8	[M+H-COCl	49
82632156	37684852	[1243][M]+	156
577715.7	604567.8	[M+H]+ 35!	245
4573607	2114903	[M+H+HCC	40
146538.5	731677.8	[122][M+2]+	49
566062.6	341268.5	[1053][M]+ [M+H+NH ₃	376
511284.3	784047.9	[290][M]+	104
32958.9	50235.53	[791][M+2]+	95
73376.02	135753.4	[1053][M+1]+	376
65280.71	389089	[2M+Na+K]	83
900307.4	409671.3	[M+2H] ²⁺ !	25
1831708	1005293		100
12236.07	9892.608		172
73881827	36207195	[1046][M]+ [M+K+NH ₃	40
1133570	494698	[530][M+1]+	104
76308171	35749864	[1315][M]+ [M+K+NH ₃	183
35141563	32943829	[464][M]+ [2M+K]+ 1!	160
408373.8	211940.6		466
206115.3	34140.37	[1184][M]+ [M+2Na-H]	60
4494179	2255981	[1019][M+1]+	100
166179.6	25464.36	[M+H-CH ₄]	60
575668	383623.5	[122][M]+ [M+H-CH ₃]	49
1237484	694703.7	[1323][M] ²⁺	219
1815963	995538.8	[M+K]+ 62!	183
447075.8	392320.7	[673][M]+ [M+K+CF ₃ C	79
517423.6	558650.6	[898][M+1] ³⁺	333

2420721	1172915	[1549][M+2] ⁺	100
7963353	5060004	[430][M+1] ⁺	100
368021	58661.57	[M+K] ⁺ + 41	24
1028416	807341.3		193
157843.5	28634.37		25
1649581	905344.6		100
142226	133904.8		25
495890.1	120766.1		261
4608536	1863661	[1243][M+2] ⁺	156
261939.9	1570514		358
577927	431452.8	[3M+2H] ²⁺	100
26104997	11104210	[1164][M+1] ⁺	153
28903.74	49005.61		95
13569087	5917447	[1530][M] ⁺ + [M+H-COCl] ⁺	100
56851.46	119961	[673][M+1] ⁺	79
788254.4	749340.1		230
368451	416060.1		144
7539255	3351525	[1530][M+1] ⁺	100
5909037	6177180	[27][M] ⁺	199
1994025	2489693		162
4108225	4407684	[M+H-H ₂ O] ⁺	196
17376276	7430212	[1367][M] ⁺ + [M+K] ⁺ + 66	100
3837735	8441635		192
5479757	6351793		277
2405661	2166806	[970][M+2] ⁺	31
17842855	12624104	[1193][M] ⁺ + [M+K] ⁺ + 56	100
1404870	762319	[M+H-C ₂ H ₄] ⁺	316
263243.8	67699.15	[1188][M+5] ⁺	25
704738.5	88715.04	[M+K] ⁺ + 13	316
195887.4	355792.4	[2M+Na+2I] ⁺	49
7030327	3335953		100
649678.5	667739	[209][M+1] ⁺	120
1688428	1731782		144
6928647	2909573	[1367][M+1] ⁺	100
502682.8	80677.33		150
9531594	11272683	[62][M] ⁺	199
1961813	2092234		404
5664865	4250163	[1193][M+1] ⁺	100
11671990	15175280	[M+Na] ⁺ + 3	215
252599.1	91333		18
689578.1	491203.6	[234][M] ⁺	49
167375	228833.9	[673][M+2] ⁺	79
10052988	8390038	[M+H-CO ₂] ⁺	94
111723.9	10415.24		55
2845762	3080376		171
478716.1	293310.2	[M+K] ⁺ + 36	162
466328	395845	[M+K] ⁺ + 94	100

98076.28	151760.5	[3M+H+K]2	95
1027609	514648.6	[M+H+HCC	189
688455.8	827543.2	[1367][M+4]+	100
1196260	2032794		277
9218429	11743234	[401][M]+ [M+2K-H]+	144
1.37E+08	78325923	[569][M]+	100
270361.8	176899.9		279
2396531	1262025	[M+H]+ 18:	316
1.31E+08	1.09E+08		36
121579.7	126212.3		380
425851.6	657929.4	[M+H+HCC	217
1257214	191769.1	[1188][M+2]+	25
14743135	7286757		118
141268.6	88418.72		390
239525.9	171904.6		343
19955999	27501427	[751][M]+ [2M+K]+ 2(	215
41270.74	0		107
1077290	1384576		144
1.49E+08	1.63E+08	[492][M]+ [M+K]+ 33:	31
530363.3	59070.86	[1188][M+1]+	25
957408.7	127755.6	[1355][M+2]+	25
101718.7	99892.44		186
332742.9	200463.2	[M+K+NH3	319
112282.7	111912.4	[M+Na+HC	95
54841871	64999179	[838][M]+ [M+Na]+ 4:	27
1531209	1516404	[M+H+NH3	196
7216829	5802741		310
3405881	3926588	[1054][M]+	144
946502.3	1730406		221
196122.1	266841.8		193
279835.1	77803.1	[1580][M+1]+	100
119660.6	118614.4		375
2647188	1496172	[M+H-CH2]	316
4321490	5819200	[2M+2Na+:	127
2411937	435479	[1188][M]+ [M+H-HCO	25
37824.84	289190.4	[M+Na]+ 3:	55
1936451	603148.5		128
935566.9	1647648	[1169][M]+ [M+Na]+ 5:	342
1242046	3722973	[M+Na]+ 1:	316
10004198	9777281		352
2487362	2034338		257
6378164	2776333	[1424][M]+ [M+Na]+ 7:	100
1109744	2491114	[3M+2Na+I	192
19600229	25242910	[492][M+2]+	31
5658.54	12317.9		259
83027.62	335556.7		213
6879802	7986084		299

704927.3	960130.3		159
33414272	35348923	[492][M+1]+	31
16788500	19840102	[838][M+1]+	27
1834004	1922744	[M+2K-H]+	120
20790524	9321433	[1046][M+1]+	40
720273.8	114158.5	[1188][M+4]+	25
17782820	15919142	[523][M]+	304
481817.9	424008.9		73
1317718	898179.4	[M+H-H2O]	100
739870.9	774980.7	[1054][M+1]+	144
6562410	8077480	[M+H]+ 65!	90
412789.9	504511.6	[M+Na+CF ₃]	245
3074993	3291571	[M+H-H2O]	51
42058450	52143413		108
1013650	888050.5		173
4265183	3237271	[599][M]+	100
3003488	4209768	[M+2Na-H]	281
7127839	8230084	[M+H+CF ₃]	229
4255821	4817437		318
1770943	2690929	[M+H]+ 49!	217
122668.7	140994		276
24045941	11102508	[1380][M+1]+	183
8809147	10193088	[M+Na]+ 3!	116
608496.9	801552.5	[407][M+1]2+	26
2274719	2269272		25
712996.5	678258	[41][M]+	221
1196923	1572375	[401][M+1]+	144
23290598	22213873	[1252][M]+ [M+K]+ 60!	104
319113.4	692759.9	[234][M+2]+	49
78249725	77452554	[233][M]+	31
3534034	4909778	[751][M+1]+	215
6628864	9037739	[492][M+4]+	31
447569.2	417961.2		31
2840145	3434882		225
159505.9	241710.3		132
3300906	3973441		279
2015990	1472775	[1246][M+2]+	31
225226.6	197612.1	[1477][M+3]+	286
23984817	19368691	[942][M]+	215
9280262	12649755		15
485273.5	159182.6	[1575][M]+	100
378834.5	318168.8	[M+H-C2H ₄]	311
1828907	2498614	[M+H-CO ₂]	342
3034186	3436018	[M+H-CO]+	31
895547.1	1146841		33
3201184	1585455	[1164][M+2]+	153
5862075	5642354	[M+K]+ 31!	254

4.18E+08	4.45E+08	[295][M]+	31
6506583	6441022	[1252][M+1]+	104
151463.1	19487.58		25
91273.34	37272.14	[M+3H-C6H6]+	357
594608.5	554660.7	[M+K]+ 684	282
2590019	3839441	[M+H+NH3]+	316
4510351	3843683	[M+Na]+ 684	95
177851	19353.95		107
55456102	46225587	[294][M]+ [M+Na]+ 284	140
186319.1	94542.47		87
699672.3	1001528	[M+K+HCO3]+	237
1475853	2371659	[M+K]+ 454	144
70277.47	32024.02	[M+K+NaCl]+	138
3976342	3046290		318
1278582	1137366	[M+H-H2O]+	31
911215.7	4982099		325
450740.5	134057.3	[M+H]+ 534	40
15894664	15151079	[233][M+1]+	31
66658.25	68449.96	[1439][M+1]+	29
3174958	3649303	[3M+H+K]+2	172
132874.1	130208.9		100
1057297	407738.5	[1549][M+3]+	100
263572.8	420660.4		31
1459595	551497.6	[M+Na]+ 184	316
7857543	9083345	[M+K+NaCl]+	31
382638.5	382086.2	[M+Na]+ 484	391
1738303	2119346	[M+H]+ 204	283
18936305	19916850	[585][M]+ [M+H]+ 394	237
374610.6	426692.2		120
467076.4	347574.9		215
760321	861557.1	[62][M+1]+	199
92826494	98631275	[295][M+1]+	31
752983.7	1247713		221
359425.1	78396.67	[1188][M+3]+	25
120477.7	139504.8	[1076][M+1]+	137
3121114	3948895	[M+H]+ 494	237
3986973	3889420	[M+H]+ 314	144
3142348	4884528	[M+2K-H]+	86
2338467	3654812	[726][M]+ [M+Na]+ 484	96
1502086	1731252	[M+Na+HC]+	221
2661372	3063128	[691][M]+ [M+H]+ 424	221
2641520	3530745	[M+H]+ 444	342
1326531	823597.7	[1422][M]+ [M+H+NH3]+	310
20917.7	0	[234][M+1]+	49
1937999	1988932		172
6309735	5741860	[M+H]+ 374	212
430729.6	742892.1		215

157622.7	180164		282
2237850	4516162	[M+2K-H]+	311
11196245	3549362	[483][M]+ [M+H]+ 36!	40
949675.1	1060274		31
1876622	1904426	[M+H]+ 28!	196
290917.4	1003777		133
89141.89	67235.26		205
151273.9	157535	[M+K]+ 34!	230
321249.4	1044282	[1247][M]+	159
12876261	15157768	[M+K+NH3	262
583500.2	565454.4		180
1883780	3038887		352
6687271	7177240	[55][M]+ [M+H]+ 22!	51
407426.5	1747521	[3M+3K-H]	51
70212.26	0	[M+Na+Na	29
786997.4	464935.9		143
6890620	6481502	[M+H-COCl	144
7052495	14891464	[1174][M]+ [M+K]+ 55!	215
446625.5	514701.7		215
72082077	58355832	[496][M]+ [M+Na]+ 3!	40
641318.2	591958.3		16
3503749	3351799		140
113863.6	254465.7	[M+K+NH3	88
1.02E+08	75472630	[M+Na]+ 2!	87
593300.2	1150408	[644][M]+	86
1799692	2532662	[751][M+2]+	215
774456.2	1438714		413
7097657	8370706	[M+Na]+ 6!	259
474154.6	713754.1		76
801898.9	343415.4	[1551][M]+	100
137639.1	180299.9		14
3033245	3727636	[M+Na+NH	221
98773.95	130853.4		212
22340506	19868609	[491][M]+ [M+2K-H]+	140
2239902	1748820	[1348][M]+	31
386439.8	625168.4	[M+H-CH4]	276
142284.3	54060.35		217
93632.69	57729.81	[M+H-CO]+	144
4679354	5978034		293
13924665	6415181	[3M+H+Na	4
1643814	2735562	[1175][M]+	237
2362607	3556935	[407][M]2+ [M+2K]2+ 6	26
15117395	12312780	[M+H-C6H:	259
60369816	56354119	[418][M]+ [M+H]+ 34!	144
128827.2	127130.7	[1174][M+3]+	215
302656.3	299502.2		75
740850.9	1373728		215

3227124	3176995	[523][M+1]+	304
83554.11	35661.2	[M+Na]+ 5:	376
10442047	17722480	[M+H]+ 52:	259
324167.7	868946		274
591062.8	820855.9		250
3511938	1196337	[1579][M]+ [M+H-CO]+	100
329749.1	552409.2		353
52871.2	91872.66	[M+H]+ 43:	264
25429812	30572390	[970][M]+ [M+K]+ 48:	31
36474.67	0	[831][M+1]+	11
6503201	6995353	[496][M+2]+	40
586748	312495		353
1510838	2348873	[M+K]+ 41:	237
3509904	4345988		255
205791.3	259287.4		212
106993.4	103570	[2M+K]+ 2:	279
1724469	3521776		158
64826.05	315884.1	[M+K]+ 61:	112
11343785	18801733	[M+H]+ 52:	239
3093010	4854014		96
47523331	27800074	[922][M]+ [M+K+NH3	188
1335610	2288604		427
2022726	2352423	[491][M+2]+	140
601960.1	872427.7	[M+H-C5H8	76
746702.2	1075267		353
1.19E+08	97384034	[232][M]+ [M+H]+ 30:	14
913144.6	1295666		268
3253930	3494320	[1340][M]+	27
11205582	10968351	[47][M]+ [M+H]+ 22:	277
5469730	8883021	[M+H-NH3]	316
57605.63	290401.8		36
721584.3	1383027		440
14688818	12715997	[M+H-C6H:	239
98991.6	101066.9		95
2607178	4028440		387
852471.7	1106080		159
6.88E+08	9.01E+08		8
23404131	25324512		246
2312116	2665290	[1086][M+1]+	31
1458501	2011383		144
10943044	9942644		240
43923345	39304458	[1251][M]+ [M+Na]+ 6:	26
407988.1	286464.8	[1167][M+2]+	25
2812133	4134065		207
617259.3	888558.9		237
2859143	1027295	[1462][M+1]+	100
19324091	25466160	[M+Na+NH	159

1475701	1987184	[843][M+1]+	86
2.57E+08	3.12E+08	[341][M]+ [M+H]+ 33:	57
13496.28	39264.88	[M+3Na-H]	95
887391.7	1162773		215
399318.4	245567		144
1088339	1692958		169
39644.21	37458.82	[M+K]+ 46:	391
362876.6	385992.9	[M+H-H2O]	221
17316548	16121121	[977][M]+ [M+K]+ 48:	40
23934122	22102891	[M+H]+ 30:	57
570627	975045.3	[M+2Na-H]	342
188162.5	136039.2		144
378434.2	780386.7	[3M+2Na+H]	109
6748666	6045126	[M+H-HCO]	237
15867609	18943065		240
287344.6	218869.8		16
709714.2	1113189	[M+H-C2H4]	116
363506	505967	[1175][M+1]+	237
18666193	12333282	[1442][M+1]+	118
58009.92	100356.2		104
9974407	8947916	[405][M]+ [M+Na+HC]	245
245733.2	246553.9		217
824664.9	1226098	[M+H]+ 31:	90
48515238	31609898	[1442][M]+	118
4330570	2866487		207
225355.4	144549.8	[M+H]+ 21:	104
913960.7	968355.2		14
612375.5	788496.1	[M+2H]2+	144
862453	1934073		160
90981.36	57948.75	[803][M+1]+	375
1510278	3194874	[1174][M+1]+	215
4856401	6739581	[1003][M]+	171
1082887	1231811	[492][M+5]+	31
4.81E+08	7.74E+08	[465][M]+ [M+H]+ 36:	11
10355542	7113333	[524][M]+ [M+H]+ 38:	94
1276604	1957393	[288][M]3+	31
2773802	2939570		31
646260.8	919781.9	[M+Na]+ 4:	96
112279.3	15264.9	[M+K]+ 43:	31
6202291	5981674	[M+K]+ 32:	207
19588545	18122315	[428][M]+	25
24598291	19684470	[232][M+1]+	14
7105726	8938406		86
1983809	1784900	[M+H]+ 17:	51
297924	1595410	[M+H]+ 29:	88
214901.1	357813.4	[99][M]+ [M+H-CH2]	55
4181977	1968162	[1380][M+2]+	183

23360840	35901731	[941][M]+	[M+Na]+ 4:	52
24956650	19564258		[M+H-CO]+	118
778934.4	774773.6			251
76394.17	23680.43		[2M+Na+K]	25
4362527	4107040		[M+K+NaCl	100
471239.7	305483.6	[1422][M+1]+		310
6636250	4224846			263
6005372	4528490	[942][M+1]+		215
13297710	11844121	[1251][M+1]+		26
8016956	6447039		[M+2H]2+ :	14
1244387	1991575	[833][M]+		127
3616670	1878658	[923][M]+	[M+Na]+ 4:	31
382409.1	1297298		[M+Na]+ 3:	101
86679917	61576811	[302][M]+		118
3.52E+08	4.61E+08		[M+H-CH2]	22
18730423	11265052		[M+Na+NH	318
7059687	6250606	[568][M]+		112
128801.1	167846.8	[1439][M]+		29
2095799	1923506		[3M+H+Na	342
1301825	2394184			304
92608.05	166710.1		[2M+Na+K]	110
121042.6	206858.2	[791][M]+	[M+Na]+ 4:	95
543975.2	545033.6		[M+2H-CO]	31
556201.8	380149.2			168
1277748	664942.3	[1577][M]+	[2M+Na]+ :	100
401048.7	98345.88			34
4322720	3926034		[M+H-H2O]	144
1448041	924128.4			100
592520.2	630051.1		[M+Na]+ 4:	169
14252.54	0		[3M+H+K]2	100
1.27E+09	1.09E+09	[340][M]+	[M+H]+ 33:	14
1194544	981560.4	[1122][M+1]+		153
522249.3	866572.7		[M+2H-HC(	237
7027731	7317760	[295][M+2]+		31
575111.4	651884			31
13755712	12500612			277
99859.54	79509.19		[M+Na+NH	14
23857468	10411174	[1019][M]+	[M+Na]+ 5:	100
5032218	6144426			14
891999.2	1468601		[M+Na]+ 4:	83
8021.534	46558.79		[M+Na]+ 8(	25
2401328	873954.6	[1549][M+1]+		100
68037.64	33983.66	[1422][M+2]+		310
4081700	3318815			378
3830379	3781583			342
4933282	7021619	[970][M+1]+		31
3794913	3245199		[M+Na]+ 2:	193

1231659	1517430	[1003][M+1]+	171
3974059	2997307	[M+H-H2O]	120
9281548	7048410	[M+H]+ 63!	158
164027.1	61401.31	[1189][M+1]+	29
70945.03	64832.8		55
12153371	9419708	[M+K+NH3	350
22981339	18412771	[199][M]+ [M+Na]+ 2'	144
20566.78	0	[2M+2Na+!	17
293322.3	319930.7	[751][M+3]+	215
1065477	2127062	[M+H+NH3	117
2657512	1863421		29
1018418	1436857	[M+H]+ 20!	31
540508.6	313338.5		176
564464.1	330025.4		116
55499.87	13239.05	[2M+Na+K]	169
690146.2	608997.8	[1323][M+1]2+	219
2232057	1034359	[2M+3H]3+	40
799760.9	512535.4		24
2.99E+08	2.12E+08	[301][M]+ [M+H]+ 32!	40
17088808	21656321		298
1336028	1114450		14
4403699	1494770	[1549][M]+ [M+H-CO2]	100
47603.25	18614.37		138
976414.5	1067044	[M+Na]+ 4!	245
2414812	2142241	[496][M+4]+	40
6201815	4735700		245
65708822	46521605	[301][M+1]+	40
454487.5	709635.2		318
244243.4	516363.1		250
2.97E+08	2.55E+08	[340][M+1]+	14
4297015	7346658	[2M+2Na+!	158
16007011	11917984	[653][M]+ [M+H]+ 41!	40
1112025	320056.9	[1589][M]+	100
535701.3	194513.2	[599][M+1]+	100
1873188	1817665	[933][M]3+	249
28353367	20486225	[M+Na]+ 3!	220
2409381	1598183	[2M+H]+ 2!	31
3806047	4392025	[M+2Na+K-	14
860831.5	887057.3	[568][M+1]+	112
528384.1	517318	[942][M+2]+	215
1254459	1461025	[989][M]3+	197
4641612	3568481		245
203324.8	15124.25		64
3943263	4560488		14
1073384	985413.4	[455][M]+ [M+H-HCO	100
20626163	17737437		257
5924020	3089835	[M+K]+ 49!	40

4524429	8109091	[908][M]+ [M+K]+ 45	207
584995.2	634169.8	[288][M+1]3+	31
6072571	7561310	[3M+2K]2+	284
353312.8	576685.7		86
322733.3	296904.9		144
213305.2	416881.2	[M+2K-H]+	119
147104.8	270852.6		217
1764271	923659.3		367
640321.5	535473.6	[1334][M]+ [M+K]+ 65	205
11062011	9270237	[294][M+1]+	140
371879.1	181006.5		203
3033192	3807221		88
136484.2	171953.2	[187][M+2]+	55
58122186	53482749	[235][M]+ [M+H-H2O]	40
3654360	4520375		223
2.32E+08	3.16E+08	[M+2H-C5H	4
171423.9	224424.7	[M+Na]+ 2	49
573293.7	187020.2		40
56594736	55315211		157
11107802	25427349		160
66123.05	192798.8		281
1044279	1887039	[M+H]+ 23	31
500573.6	570464.8	[M+K+HCO	31
105035.6	96822.79		104
16989542	13455383	[640][M]+	215
360922.2	385043.2		144
1004483	1020308	[47][M+1]+	277
998695.3	1317272	[M+H-CO]+	90
661514.6	338143.4	[M+K]+ 60	191
13190376	12357788	[418][M+1]+	144
419261.6	575927.5	[M+K]+ 37	215
1509249	770376.2	[977][M+2]+	40
13272295	8811091	[1093][M]+ [M+H]+ 56	40
668947.3	1109393	[M+2H]2+	40
94298399	62166854	[M+K]+ 26	24
30806.89	35263.13		116
1093782	4913166	[1307][M+1]+	112
1285818	981431.4	[1246][M+1]+	31
5973756	7866833	[843][M]+	86
166400	216231.6	[M+K]+ 29	14
2009242	1873902		14
3986082	2873013		14
878731	728354.7	[3][M+1]+	112
186791.6	249833		244
9024102	7702787		26
390633.7	139840	[1589][M+3]+	100
844741.8	767520.5	[2M+K]+ 2	289

794296.2	559079.7	[M+H-CH2]	40
30691.43	10687.38		47
3982663	4061665	[M+H-CO]+	60
218031.5	247851.6	[1087][M+1]+	40
1220143	1675911		31
14191708	8710927	[564][M]+	217
366730.2	145735.6	[M+Na]+ 40	79
219761.7	249539.4		31
458985.1	464725.9	[M+H]+ 44	342
261568.3	282234	[187][M]+	55
1050213	1220664	[3M+2K]2+	276
205295.5	357777.4	[M+2K]2+ 2	144
17115138	13260510	[3][M]+ [M+H-H2O]	112
222501.4	227562.1	[99][M+2]+	55
1992419	1716071		14
147245.3	281229.5	[M+H-CO]+	86
36633395	12532145	[784][M]+ [M+H+NH3]	188
4929616	12076444	[983][M]+	11
3780090	3632717	[585][M+1]+	237
12136677	10100737	[22][M]+ [M+H]+ 20	215
636992.5	1065417	[897][M+1]2+	23
4898554	3804299		160
10184386	8174714	[M+H+HCC]	193
14978.49	8314.202	[1146][M+3]+	29
5268629	5130592	[1255][M]+ [M+Na]+ 6	255
1662601	2150895		155
75039297	61723727	[349][M]+ [M+H]+ 33	121
542995.9	1683805		304
8269.092	20455.97	[M+K]+ 43	119
2251701	1732684		171
15078899	14890187	[3M+2K]2+	16
4699071	12545568	[242][M]+	104
115276.4	2549587		141
383515.4	173579.1		246
3164295	2267698	[M+3H-NH]	14
201968.2	415965	[M+K]+ 29	321
371428.6	663583		288
12154704	11623894	[M+Na]+ 3	57
985324.3	397579.7	[1577][M+1]+	100
278437.8	197262.5	[M+H]+ 69	144
11123982	10054764		309
61028770	70731618	[341][M+1]+	57
4051204	1568025	[643][M+1]+	188
764699.9	2084345	[3M+2K]2+	86
1.58E+08	1.2E+08	[350][M]+ [M+K]+ 29	72
24373.76	48218.94		238
19384012	6246709	[643][M]+ [M+H]+ 41	188

1352025	1688073	[589][M+2]+	4
6446288	5956122	[M+H-H20]	193
205576.4	222391		16
4149303	3160354	[2M+3H]3+	116
706680.9	683974.3		14
169732.8	128240.1		464
3722998	3131761	[428][M+1]+	25
5595123	3987076	[M+Na]+ 30	134
2269491	2978827	[97][M]+	47
9708007	7957884	[M+H-H20]	177
7435397	7487817		162
3179206	6028713	[M+H+HCC	78
2792042	1769473		24
3036703	3335879	[1537][M]+	66
14129442	8762612		16
4390890	2572952	[M+H]+ 37	40
2044859	951920.9	[1515][M]+ [M+K]+ 84	34
317228	121597.9		34
1964446	1657643		281
191945	177350	[1061][M+1]+	100
2573773	883465.8	[1579][M+1]+	100
3037926	2789897		408
2887804	1914885		118
14577445	12538955	[376][M]+	31
105241.7	26898.94	[M+K]+ 43	95
2660062	3063378	[705][M+1]+	14
975880.8	966968.1		342
747487.1	484605.3		260
1357788	1422016	[M+Na]+ 2	192
841461.5	989738.9		14
1566589	1287788	[M+Na+K]2	18
166377.8	49428.13	[M+Na+NH	339
266778.8	424947.6	[455][M+2]+	100
2607364	1935072	[599][M+2]+	100
1529190	1144808		281
342952.5	130513.8		466
11506108	12105971		325
16363144	10592385	[M+Na]+ 2	252
2173132	1771659		118
220495.6	215376.2	[M+2K]2+ 5	151
891008.9	1788492		192
41394892	39932897	[247][M]+ [M+H]+ 30	193
114921.6	26588.08	[1370][M+2]+	25
41182.36	63509.38		110
3051808	2046725	[1477][M+2]+	286
236673.2	336735.2	[788][M+1]+	202
10434166	7005973		339

1093255	901946		31
3203082	3139342	[491][M+1]+	140
642758.5	783343.6	[M+H]+ 40:	144
31639250	27820077	[340][M+2]+	14
156578.7	64963.62		153
83590.94	107172.1		444
1533300	616611.7	[M+H+NH3	31
63405538	55143591	[442][M]+ [M+Na]+ 3:	14
2493650	1875373	[M+H-CO]+	215
41357233	29540887		14
3691283	3044517		403
2311197	1910957	[744][M+1]2+	270
2252809	9788050		399
3543269	2659550	[977][M+1]+	40
3294253	2715903	[360][M]+ [M+Na]+ 3:	86
12867332	11790664		357
1128005	883100.6	[M+Na]+ 1:	31
591888.8	711995.2	[M+Na]+ 1:	14
5601347	8971863	[941][M+1]+	52
36925.67	25226.51		31
9821.175	28409.47	[M+Na+K+1	49
228412.9	227504.4	[M+Na+Na	217
98097.99	103587.1		237
1079251	895006.2	[172][M+1]+	14
180888	79980.97		34
35056725	27042076	[419][M]+ [M+H]+ 34:	75
843127.7	501567.7	[1294][M+1]2+	202
50437.85	18923.2		107
2943248	2007654	[653][M+1]+	40
4255706	3192842		121
1854641	744096.2	[M+K+NaCl	31
1757431	1818331		282
24372.38	8656.292	[M+K+NaCl	25
434625.3	548000.9	[1348][M+1]+	31
35395020	26578943	[350][M+1]+	72
817334.3	969595.2		14
2928092	2009564		95
124835.2	112661.8		55
1752037	1210138	[1255][M+1]+	255
976733.9	975383		40
1156325	1624030		31
11098559	9260344	[156][M+1]+	155
1768523	1772030	[M+K]+ 27:	223
901097.1	1587026	[908][M+1]+	207
132268.7	298430.8	[1169][M+1]+	342
189115.5	282058.3	[97][M+1]+	47
4171819	2556492	[1442][M+2]+	118

8633487	3104386	[732][M]+ [M+H]+ 44	188
151849.5	49778.43	[1370][M+1]+	25
286341.8	3822906		49
7.51E+08	5.93E+08	[348][M]+ [M+H]+ 33	24
6672835	1983124	[1462][M]+ [M+H]+ 78	100
3342052	2530889		217
3917247	3941144	[1246][M]+ [M+K+HCO	31
2434887	1930461	[376][M+1]+	31
268480.3	375142.6	[M+H]+ 38	14
11367.97	21576.66	[1439][M+2]+	29
5520068	16282664	[124][M]+	104
916930.6	1095197	[705][M+3]+	14
72144.53	22892.27		312
78335113	64588928	[198][M]+ [M+H]+ 29	112
3926684	3127744	[1543][M+2]+	257
63081.92	60305.31	[M+Na]+ 3	55
1.75E+08	1.38E+08	[348][M+1]+	24
329643.1	361460.2	[M+H]+ 54	31
2781522	1182189	[1424][M+1]+	100
31286.49	13292.79	[M+Na]+ 5	25
6690524	6025611		127
2476490	484431.4		13
5505928	4613433	[744][M]2+	270
29531512	21331473	[473][M]+ [M+H-C2H	119
190359	164217.2		342
5384183	5346890		360
1921549	1769040	[1456][M]2+	206
63932.46	19287.43	[M+2K-H]+	232
195385	197239.3		116
1650024	1499077	[M+Na+HC	16
934161.8	789075		40
416141.1	231133.4		474
29294375	20662866	[1477][M]+	286
221246.3	234526.6	[833][M+1]+	127
932788.7	336508.8	[1538][M+1]+	100
2117996	2091845	[1335][M+1]+	31
607062.2	966524.4	[M+H-CO2]	212
1022498	1044049	[M+2Na-H]	316
9636.273	0		108
208165.4	148368.4	[M+Na+HC	17
18125379	10867140		72
454646.1	562837	[873][M]+	360
167635.4	247872	[M+Na+NH	218
9476713	5913677	[10][M]+ [M+Na]+ 1	24
177066.6	208161.1	[M+2H-C4	14
1624749	1322369	[M+K+CF3	193
13223129	10752040	[442][M+1]+	14

8376296	3543873	[784][M+1]+	188
567469.3	289107.8	[923][M+1]+	31
436608.2	707053.8	[M+H+K]2+	14
157552.8	145912.5		342
3556943	3275817		87
274720.6	131314.4	[M+K]+ 49	25
1339723	7548935	[M+Na+HC	49
3928224	2449364		40
918255.8	1039456	[1340][M+1]+	27
467151.2	385425.3	[1267][M]+ [2M+Na]+	100
11681963	6819393	[M+H-H2O]	140
874178.8	2568910	[M+2H]2+	80
225159.9	383253		390
3100447	2661909		383
113719.6	85195.16	[M+K]+ 55	18
675693.3	588471.2		24
3126780	1772576	[1093][M+1]+	40
207319.4	553793.3	[93][M+1]2+	159
3173116	2322514		321
17640.36	92446.32	[1167][M]+	25
2558027	1847251		24
684268.5	344009.1	[1189][M+2]+	29
141719	235209.5		237
213936.7	163102.8	[878][M+1]+	33
3475565	15654207	[1307][M]+ [M+K+NH3	112
1118553	2715705	[93][M]2+ [M+2H]2+	159
1341185	1033794	[M+2K]2+ &	31
207696.2	94498.66	[M+K]+ 31	146
1950714	2032688	[M+K+NH3	250
2482642	1650452	[1400][M]+	31
1191870	334607.7		100
2597379	2273527		24
496399.2	1898272		165
122919.7	84960.64	[M+Na]+ 4	375
1594520	2094868	[946][M]+ [M+Na]+ 4	11
502857.2	276321	[M+K+NaCl	60
3380243	6181520	[M+H-COCl	171
286052.7	207355.3	[M+K]+ 24	173
675273.8	457518.1		381
2158080	1268452		176
580056.6	518424.4	[1456][M+1]2+	206
6258220	4348041	[M+H+NH3	40
6927434	6159652	[3M+2Na+I	104
4330104	3706543		57
30074065	17472171		76
342971.1	182145.2		31
1270375	899331.3	[3M+2H]2+	24

254679.9	283963.7	[M+H] ⁺ 56	215
871205.7	1014195	[M+H-C3H] ⁺	11
2724055	2373985		24
16817954	13436785	[349][M+1] ⁺	121
1309147	211197.6	[1189][M] ⁺ [M+H-CH ₂] ⁺	29
4467223	6855880	[M+H] ⁺ 89	357
2602173	11893608	[163][M] ⁺	51
459152.9	558633.7	[1207][M+2] ⁺	100
2598092	4110697	[M+2K-H] ⁺	318
33676341	28923087	[2M+Na] ⁺	31
363349.7	564292.1		31
278346	80655.65	[1380][M+3] ⁺	183
2000611	1626673	[690][M] ⁺ [M+H] ⁺ 42	391
390762.8	143388.4		257
499974.2	1275717	[M+K] ⁺ 22	27
1155204	877490.3		424
7931869	1574082		322
2838878	2877705	[M+H-C5H] ⁺	157
1019716	318666.5	[946][M+2] ⁺	11
953851.6	792818	[1061][M] ⁺ [M+H-C2H] ⁺	100
5963813	5442653		16
716351.7	572951.3		272
208861.2	368292.4	[1174][M+4] ⁺	215
622053.8	495880.7	[M+K] ⁺ 54	14
174991.6	324979.7		31
1154152	1005097	[M+K] ⁺ 19	40
1510991	861898.6	[M+K+HCO] ⁺	24
183370.9	108538.2	[348][M+3] ⁺	24
393135.6	400026.4		176
878991.1	971308.8		4
3990968	2277074	[M+Na] ⁺ 30	65
1277250	130903.3	[859][M] ⁺	140
2602508	858209.4	[521][M+2] ⁺	31
763230	844376.9	[1590][M] ⁺ [2M+H] ⁺ 7	333
1340468	1065825	[M+H-CH ₃] ⁺	40
90059.38	288158.9	[M+K] ⁺ 52	119
13680622	10954433	[347][M] ⁺	221
56189740	41330547	[515][M] ⁺	221
64859.06	188372.6		87
19038.46	0		138
7999821	6107754	[M+H+NH ₃] ⁺	86
4220404	3545042	[M+H] ⁺ 77	206
67053.34	674922.3	[M+H] ⁺ 30	209
8763715	2534125	[869][M] ⁺ [M+K] ⁺ 44	188
671715	979388.6	[M+2K-H] ⁺	52
4556502	1717397	[521][M] ⁺ [M+Na] ⁺ 3	31
2750679	2149996	[640][M+1] ⁺	215

1346765	1104472	[1207][M]+ [M+Na]+ 5!	100
1545475	1898983		100
14322206	12204969	[1335][M]+ [M+Na]+ 6!	31
20003.37	6770.123		60
103443.4	269195.1	[3M+Na+2!	119
899652.6	594924.7	[3M+2K]2+	112
395681.4	251385.2	[970][M+3]+	31
217216.5	211592.4	[M+Na]+ 4!	391
2782179	2318524	[M+2H]2+	31
4149686	3523003		401
1472182	1351389	[849][M+1]3+	282
975440.8	529228.7		24
536983.8	219401.8		31
3907478	2326119	[M+K+CF3!	116
563677.4	967284.6		214
336261.6	412939		116
13763805	11173847	[198][M+1]+	112
541959	500187.6	[1408][M+3]+	29
1829875	1649424	[M+H-H20]	14
1346581	2315587	[M+Na]+ 2!	192
86153.09	18469.75	[1229][M+1]+	52
4751777	3710927		407
387683.2	385885		61
219206.1	136880.3	[M+H]+ 53!	40
4700400	3589481	[M+Na]+ 3!	276
234758.9	270891.2	[2M+Na]+ :	119
80874.58	76105.79		104
7878968	6008284		76
1124171	1155517	[323][M+1]+	11
2991657	16871919		399
140822.7	80924.43	[M+K]+ 74!	47
356462.2	450119.3		120
953759.7	1782836		14
19730282	13019979	[236][M]+	24
749389.6	1322779	[2M+Na+2!	100
7177612	5413558		201
21261.72	63156.16	[2M+Na+K]	100
7980470	4608259	[M+H-H20]	134
3393604	2074216		158
252123.8	446007.2	[M+Na+HC	49
7434505	5865240	[M+H]+ 18!	112
1543189	676627.3	[964][M+1]+	25
101724.3	15417.55	[1184][M+2]+	60
2043980	1557733		210
337948.6	304497.3		14
195438.1	1212756		88
330098.3	488319.5	[55][M+1]+	51

112592.9	37811.04	[M+H-CH ₂]	29
3615380	2253750		339
75852.45	132244.8		321
1419865	1299159	[M+K]+ 55	31
489036.7	393066.6	[707][M+1] ²⁺	25
187111	95796.29	[M+K]+ 30	193
359999.4	434739.8		63
669971.2	672110	[M+K+NaCl]	31
293719.2	241221.2	[M+Na]+ 5	40
163565.2	140874.9	[606][M+1] ⁺	286
85883.81	212461.9		116
979774.7	221958	[M+Na]+ 6	31
261436.6	676046.6	[M+H-CO] ⁺	27
12098467	7382778	[M+2K-H] ⁺	220
1471312	1409822	[M+2H] ²⁺	57
290972.8	677614.8	[M+K+HCO]	304
757867.7	4466532	[M+H-CO] ⁺	49
6096891	6153292		57
11260512	4579962	[922][M+1] ⁺	188
17828.86	14039.82	[1370][M+3] ⁺	25
2385503	6540093	[883][M] ⁺ [M+H] ⁺ + 49	159
914856.5	697761.7	[1400][M+2] ⁺	31
1233103	897099.9		24
1977094	330081.3	[1355][M] ⁺	25
143455	166701.4	[M+H-CH ₄]	49
1225595	1078766		327
32811157	27036514	[M+Na]+ 3	24
13610601	12796293	[M+K]+ 75	31
804911.8	1313726		57
8863.681	20314.05	[1184][M+1] ⁺	60
800539.8	172248.6	[M+H+HCC]	25
7072267	3072279	[964][M] ⁺ [M+Na] ⁺ + 4	25
2497602	1336782	[549][M] ⁺ [M+K+NaCl]	17
450824.7	547573.9	[691][M+1] ⁺	221
8001789	7307483	[247][M+1] ⁺	193
4899351	5119970	[1284][M+1] ⁺	81
243941.2	393721.8		29
1061332	742791		87
143069.9	7048.907	[1237][M+1] ⁺	29
36265188	31842451		222
53147.22	0		29
1704675	515872	[1579][M+2] ⁺	100
831012.4	328856.3	[1515][M+1] ⁺	34
816247.3	595679.4	[3M+H+Na]	245
6806.215	97320.27	[680][M+1] ⁺	51
3190140	6161745		221
3143808	4427260	[492][M+3] ⁺	31

1133508	1073655	[1335][M+3]+	31
1084540	368864.2	[M+Na+Na	94
632841.2	269884	[1589][M+2]+	100
264869.1	105966		40
1681212	760058.7	[869][M+1]+	188
20447979	12347451	[M+H]+ 33	171
595918.6	561000.3	[M+H]+ 59	251
1648763	611509.5	[1529][M]+	100
854576.7	1294987		57
1585265	894371.6		24
19002321	9001777		30
4444824	3997951	[1560][M+2]+	211
1912682	1905645	[1586][M+1]+	251
6082096	5287910	[1505][M]+ [M+H]+ 85	286
156654.2	120557.7	[2M+Na+K]	172
9240712	10402615	[1086][M]+ [M+H+HCC	31
240661.1	504530.4	[M+Na]+ 2	52
7416110	3791542	[M+K]+ 54	14
338913.9	216610.2	[1549][M+5]+	100
1558769	931489.2	[M+K+NaC	14
15937.8	0	[M+K]+ 46	223
593839.6	650830.3	[M+2K]2+ 6	31
1570645	1008821		309
95352.45	241911.1	[M+2H-NH	276
1238520	914049.4		24
350527.7	461755.9	[340][M+3]+	14
787495.2	688554.8	[465][M+3]+	11
276826.9	478537.1		31
362636.9	461545.5	[540][M+1]2+	25
846689.8	491067.6		14
137538.6	69440.93		223
10571835	8666275	[464][M+1]+	160
22470196	19945815	[1565][M]+	201
1274719	1295766	[M+H-CO2]	212
3403301	5440748	[M+H-CH2]	60
119145.2	92350.26		110
4229684	3440561		147
2028175	2552767	[M+H]+ 35	57
87900.57	138402.1	[M+Na+NH	217
0	11145.21	[1167][M+1]+	25
637170.5	344637	[10][M+1]+	24
1669793	971825.1		14
19238539	11222503	[496][M+1]+	40
4210806	3094904	[3M+2H]2+	158
7201724	6212285	[3M+2H]2+	249
2251088	1601735	[M+H]+ 32	343
113161.1	266708.5	[M+Na+HC	49

268112.3	127846.2	[3M+2K]2+	104
4254169	2943216		379
1408190	5822042	[M+H-CO2]	173
25114.98	205619.6		178
257851.3	73051.12	[M+Na]+ 4'	289
246477.1	300476.3	[M+2H-H2O]	40
1012174	8046515		184
1394364	1469233	[M+H+NH3]	31
81685708	19884720		1
345247.3	183684.4		283
456134.9	381085.5		31
1308447	1600813	[879][M]+ [M+H-CH4]	116
640023.3	918312.9	[M+2H]2+ !	31
197815.3	184975		443
5901645	3782061		301
1359531	1134209	[M+H-COCl]	47
5996966	5360317	[M+K+NaCl]	31
72103.71	47992.54		394
211102.4	81142.29	[M+Na+NH3]	215
1825964	588680.5	[M+H-CO]+	100
124622.3	14354.14	[1237][M+3]+	29
16932461	12956523	[348][M+2]+	24
38510.74	65082.23	[99][M+3]+	55
510903.9	1350029	[883][M+1]+	159
1151868	976834		57
208622.9	281773.3		15
36590.53	43908.6		103
7342540	5016320	[M+Na]+ 3:	318
1695032	1293281	[2M+H+K]2	31
27799.1	11820.97	[1167][M+4]+	25
432427.4	665382.8	[726][M+1]+	96
29331.89	107042.3	[M+Na]+ 7:	29
650385	755229		116
709810.8	380740.1	[M+H]+ 63:	31
19086.68	4454.486		287
16093.8	79637.04	[M+K]+ 18:	55
2986277	2372626	[M+K]+ 21:	281
3880538	3761440	[M+H]+ 65:	31
1051175	1106890	[496][M+3]+	40
597660	163381.7	[M+H]+ 12:	100
8173603	9254193	[209][M]+ [M+Na]+ 2'	120
7005553	3676167		17
134936.4	535110.8		147
510058.7	1413604	[M+H]+ 57'	86
1476268	715427.5	[M+Na]+ 5:	14
210970.9	394938.1	[M+K]+ 16:	15
731315.3	1261481		159

79630.87	292326.9	[M+H] ⁺ 11	322
1148146	2890639		183
172381.7	117301	[1476][M] ⁺	100
1715512	1188749	[692][M] ⁺	313
1394945	933509.3	[M+K] ⁺ 52	176
59952668	11367084		179
667567.5	1107338	[1174][M+2] ⁺	215
119633.4	231864.1	[M+K+Na] ⁺	119
6574418	4354823	[359][M] ⁺ [M+H] ⁺ 33	217
7847784	5226510	[705][M] ⁺ [M+Na] ⁺ 4	14
372289.1	282594.1		104
257952.2	322459.4	[M+H-CO ₂]	342
545530.1	272348.7		31
5708323	3326006		85
2343806	921499.6	[M+Na+K] ⁺	40
6585060	40061616	[M+K] ⁺ 14	316
7230.545	0	[M+Na+HC]	47
1087674	756775.9	[M+H] ⁺ 35	86
1927568	481324.5	[732][M+1] ⁺	188
953245.1	1062440	[1405][M] ⁺ [M+K+CF ₃]	100
104086.5	37927.63	[1242][M+1] ⁺	47
135110.2	284669.3	[1207][M+3] ⁺	100
166156.8	53759.9	[99][M+4] ⁺	55
14337982	12221800	[1553][M+1] ⁺	260
1088564	222338.1	[1589][M+1] ⁺	100
539831.5	325573.3		216
221544.4	184733		230
67883.14	65526.88	[M+Na] ⁺ 7	310
1499885	1275339		24
2615616	1967377		40
1320005	873170.5	[1087][M] ⁺	40
5680201	4399538	[M+Na] ⁺ 3	144
16657236	8701435	[M+H] ⁺ 31	153
376202.3	1314996	[124][M+1] ⁺	104
100658.8	32287.85	[1404][M+1] ⁺	18
40185.45	233944.5		214
1368705	1211012	[M+H+HCC]	31
1319571	2047301	[M+H-C ₄ H ₈]	17
20579524	10713952		66
4639796	4097857	[180][M] ⁺	61
549372.3	283193.5	[M+K+HCO]	100
612567.1	3072171	[M+Na] ⁺ 4	49
4201892	3018632	[301][M+2] ⁺	40
1784868	1328596	[524][M+1] ⁺	94
754264.8	651753.6	[1109][M] ³⁺	456
970422.3	1753885	[M+H] ⁺ 44	22
917416.8	718717.8		445

1214822	1196682	[247][M+2]+	193
1669587	1263689		24
365420.8	1521612		173
3883916	3700787	[1019][M+2]+	100
755126.7	3784899		404
144639.8	704287.4	[M+Na]+ 4!	49
2170663	1207416		337
561978.1	678909.3		175
6888489	5848462		282
1826815	1066890	[2M+Na+K]	100
37692663	29959348		189
679441.7	563786.2	[261][M+1]+	100
690131.8	322339.4	[M+H-C2H4	40
3693484	3138469	[M+H+NH3	24
324237.2	250460.8	[M+Na]+ 2!	40
125696.1	1438497	[M+H]+ 48!	104
124432.8	157542.8		169
2913641	2651001	[1586][M]+ [M+H]+ 13!	251
2997002	1260863	[M+H-H2O]	188
279537.5	492564.8	[M+2K]2+ 3!	116
1583934	2118214		178
4220837	2901144	[M+Na]+ 2!	24
42360.52	0		148
570070	278380.6	[620][M+2]2+	29
557961.4	410672.5		120
1997263	1016194	[1093][M+2]+	40
1668247	1489516		87
183529.8	336904.5		71
285538.1	167269.8		275
746397.1	739210.1		132
1996591	1031342	[M+K+CF3C	263
83349.28	8322.147		388
115437.6	11916.46	[M+2Na-H]	29
130171.9	261922.8	[M+H-CO]+	255
3286867	3005535		206
7336553	4156097	[M+K]+ 33!	14
987579.7	1803550	[M+H]+ 44!	55
13589.57	6757.858		223
567887.8	453150	[M+H-CO]+	14
1557336	537121.1	[748][M]+	206
1163388	2621107	[M+H+K]2+	31
847863.3	300497.3		127
20663462	9818104	[M+K+CF3C	24
6148373	4652509		24
18464288	12474428	[302][M+1]+	118
5332949	3354508		415
16993251	11491414		223

2234918	955211.4	[997][M]+ [M+H-H2O]	31
1456175	8874331	[364][M]+	196
5675544	6998968		318
125986.8	807733.7	[163][M+1]+	51
1707894	10476689	[624][M]+	104
334268.5	146675.7	[1551][M+1]+	100
136500.4	105328	[3M+Na+2I	254
793532	1450256	[745][M]+	116
281425.5	169075.5		387
85838.66	1036520	[M+H+HCC	49
5447266	3617139		221
0	78693.73	[M+Na]+ 5'	49
6041365	485631.6	[530][M]+	104
176837.1	354708.2		29
938115.7	725560.1	[719][M+1]2+	270
299508	733993.4		190
1133819	917160.4	[508][M+1]+	134
241722.1	375423.6	[2M+2K-H]	180
90818.91	69457.79	[1410][M+2]+	278
385015.8	380247		416
595407.9	593280	[564][M+2]+	217
565043.7	406177.1		14
867411	763173.8	[M+H+Na]z	31
1457416	1572419	[1485][M+1]2+	443
1044741	1297268	[1588][M+1]+	282
820031.4	1024429	[M+H-C4H8	289
651321.7	152605	[1237][M]+	29
13881243	11976957	[200][M]+	320
137521.9	342109.6	[3M+Na+K]	55
1537729	1001849		24
189622.4	85015.17	[M+K]+ 438	144
1630333	2025130	[820][M+1]+	2
378059.6	661713.5		69
290874.8	1463201		354
1083629	723912.6	[22][M+1]+	215
75892.12	201982.9	[M+H]+ 39:	212
6116168	4328149		352
1109442	1069908		23
1630595	2977040		105
323685.1	54204.67	[M+2Na-H]	16
399680.3	1044122	[M+H]+ 36:	88
5082455	32384256	[1395][M]+	275
1694493	5580553	[875][M]+ [M+Na+CF:	27
96881.33	0	[1439][M+3]+	29
7153591	8509664	[593][M+2]+	4
16400727	19712030	[M+K]+ 486	17
3519660	2129676	[M+K]+ 334	24

192804.4	139159	[M+H-CH ₂]	24
143399.6	228343.6	[M+2H-C ₄ H ₈]	31
687565	793137.3	[361][M+1] ²⁺	29
2171095	2024440	[693][M+2] ³⁺	92
122977.4	90105.85	[506][M+1] ²⁺	198
1238190	634851.3		31
34665.81	15396.53	[M+K] ⁺ 31	49
7343709	5320050		14
1406052	3310543	[M+2Na+K] ⁺	289
94117.27	66102.75	[M+Na] ⁺ 4	223
2160941	1677758	[1582][M+2] ⁺	202
157216.2	145816	[1271][M+1] ²⁺	219
9872608	5300202	[M+Na] ⁺ 3	40
508542.3	454208.2		24
59649.12	0	[1242][M+3] ⁺	47
121840.1	524738.2	[1499][M+1] ⁺	137
328696	247037.2		40
553081.6	915285.4		289
568820.5	417951.6		236
97724.17	154465.1	[2M+3Na+H] ⁺	33
550472.4	463693.9		24
5578738	3896737	[M+Na] ⁺ 3	353
403900	504962.7	[511][M+1] ⁺	29
2153698	2473571		146
1628152	849829.9		134
11190005	1648627	[375][M] ⁺	179
1630614	2383730	[844][M+1] ⁺	225
284411	143194.2	[2M+H] ⁺ 3	119
84640.91	43545.37	[M+Na] ⁺ 9	100
1135928	914473.1	[M+H] ⁺ 79	206
6425642	1932301		113
2610827	2168667		175
2764422	3331244	[307][M] ⁺	353
20977.92	11099.84	[M+Na+HC] ⁺	18
5246214	6038731		169
2925313	995912.7		40
257541	2275764	[818][M+1] ²⁺	11
806224.9	1702081	[1365][M] ⁺ [M+H] ⁺ 70	283
111325.9	107631.1	[M+H+HCC] ⁺	215
434362.2	102517.7	[1242][M] ⁺ [M+H] ⁺ 63	47
11862478	9487182	[M+Na] ⁺ 6	14
1421883	488122	[M+K] ⁺ 34	31
2590348	1845646	[M+H-C ₆ H ₆] ⁺	100
4767799	2124974	[M+H-NH ₃] ⁺	188
703083.9	305533.7	[M+H-CH ₂] ⁺	31
11498806	9094711	[1581][M] ⁺ [M+H] ⁺ 12	191
242848.7	611068.7		250

1386451	1363989	[3M+2K-H]	289
51079.06	1359378		51
9477517	7532289	[515][M+1]+	221
330674.6	30136.21	[998][M]2+	25
459819	548968	[849][M+2]3+	282
1581492	1526455	[898][M]3+	333
31319.9	32127.19	[M+Na]+ 50	100
83033.91	35401207	[M+K]+ 248	192
18038188	1740478		28
4883066	4250047	[1324][M]+ [M+H+NH3	14
352228.2	348140.2		249
23998914	3.32E+08	[M+Na]+ 20	104
409005.8	1509412	[1499][M]+ [M+H]+ 84	137
2079721	12317590	[1395][M+1]+	275
607118.6	896950.3		137
212274.3	301202.9	[620][M+1]2+	29
732578.6	4776858		178
11361.51	0	[1167][M+3]+	25
284422.9	1746735	[M+K]+ 412	104
206457.4	149924.8		34
1254690	1654623	[1537][M+1]+	66
15697468	10492230	[1186][M]2+	100
89946.46	2547975	[680][M]+	51
369255.3	161441.6	[803][M+2]+	375
749008.1	524393.3		215
102039.7	264967		318
1776761	969585.2	[3M+Na]+ :	14
206140.8	299512.6	[M+Na+CF3	215
2433495	2708634	[M+K]+ 527	17
2111860	1448948	[M+2H-C2H	100
2467312	6345133	[954][M+1]2+	178
2342029	1192341		180
1474917	1422902	[M+H]+ 457	17
2941852	14755036	[M+Na+HC	94
630737.3	545744.7	[M+Na]+ 40	205
1309305	1252657		4
4351301	1663613	[M+K]+ 542	24
508533	246520.9	[M+H-CH2]	193
236448.4	172136.8		55
638625.8	460353.1		256
9852273	8308693	[1578][M+1]+	100
3726605	4143543		338
1800078	1574515		14
12580.57	15799.03	[998][M+5]2+	25
202367.1	266659.4		52
1904251	1154701	[M+H-C4H8	14
47418.54	26325.35	[M+K]+ 552	17

20849.91	131826.1		354
3180542	2416484		281
1305751	836225.2	[M+2K-H]+	65
345915.6	275840.1	[M+H]+ 69:	40
7080865	10308050	[844][M]+	225
88285.5	70776.19	[212][M+1]+	223
516802.3	254098.8	[1410][M+1]+	278
2380811	1540019		318
805037.6	264458.1	[521][M+1]+	31
31591425	18548076		315
1295014	1104911	[1584][M+2]+	219
809186.9	1658863		49
1148135	521191.4		134
4250215	2849453	[293][M+1]+	217
76536.67	763936.6		104
680724.8	2002963	[242][M+2]+	104
45701.96	2201987	[M+2Na-H]	199
2837266	7815159		7
928859.5	1341166	[M+H-NH3]	86
506215.7	176783.7	[M+H+HCC	31
398845.6	133958.7	[M+Na]+ 5!	215
3202302	3054968	[653][M+2]+	40
819118	896790.4	[M+Na+NH	144
256893.5	888165.2	[875][M+1]+	27
1529632	1533927		401
75210.71	8706.608	[998][M+3]2+	25
144278.7	58386.99	[549][M+3]+	17
131592	274937.3		86
9590.45	12173		119
4032790	8592227	[23][M]2+	17
1074551	2676169		53
12167.7	11924.57		29
243752.7	135283.2		24
378941.8	136749.5	[M+H+HCC	100
926433.6	2763218		275
574295.3	192169.7	[M+3H-C3†	29
256948	186107.7		14
1573361	909184.1		35
4232997	2590125		159
134247	149497.1		462
1550629	960242.5		180
933586.7	832614		140
8180026	10330944	[593][M]+ [M+Na]+ 3`	4
256328.7	88959.15	[1580][M+3]+	100
1494252	1595763	[1588][M]+ [M+H]+ 14!	282
5540535	1895041	[M+K+NaCl	40
107671.5	91170.32	[M+K+HCO	17

2820505	3860240		222
10989503	8396340		251
956661.6	472724.8	[329][M+1]+	16
82099.96	86085.01	[M+H]+ 38	212
496422.5	313997.9	[M+H-CH2]	31
503833.6	411758.1		88
234238.2	100750.3	[3M+Na]+	31
208075.2	380574.9		33
0	4419185	[M+K]+ 12	350
708564.8	185590.4	[M+Na]+ 6	40
11762971	7566821		56
1537534	3075076		182
53943.23	152298.3	[M+K]+ 40	55
6430117	4945586	[M+Na]+ 2	112
284399.4	262222.5	[946][M+1]+	11
3708128	2065461	[509][M]+	257
3536826	8798610	[1412][M]+ [M+H]+ 74	173
3370084	1725473	[M+Na]+ 4	24
5442176	3324403		198
33131.39	656449.2	[M+Na]+ 3	209
28435588	23511290	[1560][M]+	211
902826.3	819213.9	[1324][M+1]+	14
6810.056	12668.69		49
2901747	13643249	[M+Na+HC	192
1390085	424767.1	[M+K+NH3	31
589536	325647.1	[3M+Na+2I	15
381095.2	246284.5	[997][M+1]+	31
1.75E+08	1E+08		35
173822.6	145086	[3M+H+Na	15
986774.6	31273075		271
3030320	2941156		219
823564.8	789379.1	[M+H-CO]+	206
230347	647775	[408][M+1]+	77
0	0		39
11310146	14213296	[552][M]+ [M+K]+ 34	26
35735.88	21791.12		100
4042795	2899672	[M+Na]+ 6	14
430895	212965.9		270
1026236	969296.2		456
1319518	1188801	[1505][M+1]+	286
222400.7	154018.8	[M+K+NaCl	29
162103.3	1080744	[M+H]+ 10	80
292834.4	378158.6	[M+K+NaCl	221
4471842	4214258	[1584][M]+ [M+H]+ 13	219
885847.2	1134963	[1335][M+2]+	31
353034.8	203730.6	[M+Na]+ 3	23
9359.745	0	[M+K]+ 66	25

99014.33	258631.6		397
2433991	0		180
687415	3348455	[983][M+1]+	11
11932689	6807624	[1477][M+1]+	286
210845.1	808689.4	[M+H]+ 62	27
84877585	1.29E+08	[M+H]+ 37	17
73658.56	1830712		196
4088364	5615998	[600][M+4]+	4
1869615	699082.2		14
57698.21	56904.6	[1476][M+1]+	100
492142.3	40681.01	[1237][M+2]+	29
106970.1	668149.6	[M+K]+ 34	230
493334.2	763400.8	[1590][M+1]+	333
352896.6	1216138	[468][M+1]+	215
332271.6	104579.2	[1232][M+1]+	29
300716.2	224363.4	[M+Na]+ 3	104
907241.3	1050175	[M+K+NH3	40
6857556	3315884		300
25659.77	442123.9	[2M+Na+2	199
60169.92	254415.3		49
74768.54	195141.7		41
4307989	21424572	[171][M]+ [M+K+NH3	199
5777606	8309789	[1472][M]+ [2M+H]+ 4	4
15562997	13206272	[1578][M]+ [M+H]+ 11	100
10975694	5246223		40
212520.7	25224.03	[1242][M+2]+	47
924587.4	1518554	[775][M]+ [2M+H]+ 2	268
519701.3	4835596		271
333863.3	741326.2	[3M+2K-H]	104
328710.1	289709.9	[M+2H-CO]	112
91882.87	327678.8		27
211747.6	135864		427
860433.9	744453.3		280
97551.56	404953.2		292
3837325	3255655	[1573][M+2]+	189
2708853	1474074	[3M+Na+K	31
9319.428	8798.357	[M+H]+ 47	119
202086	183038.3		12
70558.06	0		29
1671160	1398564		415
892216.5	50297.51		63
1865793	1934048		316
186545.3	154734.6		245
18732271	32294853	[1585][M+2]+	1
7396882	5205919	[419][M+1]+	75
1896701	1468139		263
1005784	1504488	[M+2H-CO]	100

159892.3	217095.3		181
2936342	2541215	[1432][M]2+	249
3514942	991080	[M+Na]+ 4!	40
1424274	1327946	[M+H]+ 19!	281
142063.5	240952.9	[1189][M+3]+	29
279704.2	286225.1	[M+K+NaCl	120
506116.3	327714.3		142
1549428	2005674	[M+K]+ 33!	17
486133.1	658789.3		342
953292.9	289985.7		24
195806.2	878055.7	[M+2K]2+ 6	259
33994.37	603938.4	[1222][M+2]+	11
387266.5	95804.17	[549][M+1]+	17
308904.8	1189277		172
1321024	1034511	[1354][M+1]2+	282
2044819	414932.7	[1322][M]+	75
32204408	23348909	[1543][M]+ [M+H]+ 96!	257
2712214	1237756		40
4864344	4279318	[1582][M+1]+	202
3210278	3139372	[1584][M+1]+	219
1452826	1824090		215
303708.7	442012.2		55
6048194	2484816		40
181451	188836.8		112
86501.92	281731.2		116
221438.9	462340.1	[M+K]+ 30!	104
895758.4	365895.2	[M+Na]+ 7!	31
288101.4	379716.2	[M+K+HCO	107
282594.4	88325.73		119
3677168	2817212	[M+K]+ 32!	180
1950716	1571761	[1485][M]2+	443
1353366	1085017	[1424][M+2]+	100
538814.6	3137116		17
669380.4	340905.2	[817][M+2]+	300
515465.4	79053.96	[M+K]+ 10!	100
149621.7	234500.7		157
4744069	2151522		156
2800138	2383874		251
2074707	917421.8		100
1165915	1657233	[786][M]2+	29
438059.1	342707.8	[M+H]+ 50!	249
1428013	481979.5	[M+Na]+ 1!	316
1547330	0		180
20797.74	29189.71	[M+Na+CF:	17
2957195	2202701		15
7027054	6627170	[693][M]3+	92
2759060	2369309	[1581][M+2]+	191

1847815	1844357	[M+K+NaCl	17
190874.7	128841.4	[3M+H+Na	49
73539.08	117504.6		77
971211	564202.4		64
184253.7	98941.93	[M+K]+ 44%	304
1107958	2074051	[M+Na]+ 4%	31
230848.9	69520.92		168
571456.1	868468.4	[1518][M+1]+	108
320143.4	1109829	[242][M+1]+	104
671099	624820.5		55
45366678	67214615	[1308][M+1]+	1
9918705	9167687	[1082][M]2+	201
249426.9	140273.4		175
9688372	6175252	[2M+Na]+ 1%	14
154015.3	327488.4		31
1121382	622284.6		144
1697503	939358.9	[M+K]+ 33%	57
1297789	623220		40
393427.3	506259.2	[1321][M+2]+	231
228236	281098.1	[307][M+1]+	353
40293586	32109511	[3M+Na+2H	100
33128.95	44587.16		55
185721.7	12032.89	[998][M+1]2+	25
339206.5	348911	[M+K]+ 37%	309
106256.9	145982.1		91
625132.4	153130.7		100
1030982	1625838	[1518][M]+	108
4717606	3220906	[783][M]2+	66
4951206	2877573	[M+H-CH4]	134
3471587	2806673	[M+H]+ 35%	23
1634394	1587081	[M+2H-NH	116
1789692	2100561	[552][M+1]+	26
1097517	770499.9	[1207][M+1]+	100
724049.2	1478445		304
2782310	4235862		17
384422.2	1504192	[1233][M+2]+	4
519399.1	148784.7	[M+H+HCC	100
653139.6	683330	[M+K+NaCl	11
3223002	5056020	[M+Na]+ 2%	17
791073.9	632612	[M+Na]+ 2%	15
7897188	13741745		353
425295.3	172374.5	[859][M+1]+	140
1814044	2994868	[M+H-CO2]	17
1083491	0		394
1259791	855873.3		25
5409082	91440236		104
95141.12	57315.86	[43][M+1]+	223

1953050	2866430		316
298520.6	385656.2		105
391796.5	149254.9	[2M+Na+2I	40
543394	600021.9		35
76614.01	61014.31	[1242][M+4]+	47
44430.96	125140	[2M+Na+K]	199
1328779	847446.4		394
127980.4	887686.7	[624][M+1]+	104
18368650	13048535		260
2403195	10520646	[3M+3Na+I	160
286484.1	110369.5	[M+Na+Na	18
737269.9	206712.6		14
614352.4	312964.5		40
5906496	5990917	[802][M]+	210
141616.4	149237.9	[998][M+4]2+	25
1404203	636679.8	[549][M+2]+	17
1901992	992311.6		31
121293.7	12746.96		25
109277.3	300070.1	[M+H-CH4]	116
5331008	5012897	[693][M+1]3+	92
532988.6	143583.6		134
281473	67625.03	[M+K+NH3	17
1677165	378203.9	[M+H]+ 56:	40
319193.7	2613326	[1273][M+1]2+	11
1587309	65096.08	[436][M+1]+	359
582362.2	232832.2	[2M+Na+K]	100
10011296	820507.8	[436][M]+	359
161937.5	183014.3		112
497672.4	272517.3	[M+H]+ 22:	193
791912	343843.7		31
10330278	504733.9		236
468081.3	685241		215
110855.1	3232191		178
517949.9	229576.4		286
722029.4	96251.53	[1274][M+1]2+	323
309948.7	560321.8		101
585295.5	497251.3	[M+H]+ 48:	333
880850.3	662026.6	[1387][M]+ [M+H]+ 72:	333
379904.9	77197.02	[M+Na]+ 9:	100
6488768	12171005	[513][M+2]+	17
723517.6	601322.7	[290][M+1]+	104
675602.4	1210180		24
1003269	684420	[3M+2Na+I	104
35791.08	92120.77	[2M+Na+K]	49
5759503	3772347	[M+Na]+ 7:	333
3393517	897344.3		120
772879.6	382148.6	[M+Na]+ 4:	31

420786.7	525856.4		91
1867713	3201633	[725][M]3+	105
254407.5	102110.1	[M+2Na-H]	272
106274.8	26512.01		119
298479.8	576698.7		238
810575.1	56406.01		236
1162353	941356.4	[1367][M+3]+	100
7571330	8037341	[211][M+1]2+	25
1537119	975988.9	[M+Na]+ 3:	31
5324155	2353939	[947][M]+	147
18834.26	485984.3		178
4366463	3551428	[1553][M+2]+	260
734219.7	57153.79		251
34128.36	883242.7		230
29733039	24267385		260
3625919	2793032	[1578][M+2]+	100
31737.81	10770.55	[M+K]+ 62:	29
1100764	627388.2	[M+H-H2O]	24
19128413	19435790	[1573][M]+ [M+H]+ 11:	189
243079.5	263591.8		379
129161.7	140927.2		389
11990298	10183931	[1573][M+1]+	189
52094.33	35594.99		175
376387.5	144297.5		222
22389276	23961728	[600][M+3]3+	4
271002.9	73246.92	[M+H]+ 95:	100
309987.4	100032.5	[959][M+1]+	60
6091333	5002249		100
220468.1	119632.2	[M+H-CH4]	23
377092.2	346195.8	[1085][M+1]+	75
14610672	22351244	[513][M+1]+	17
575495.8	176227.6	[1236][M+1]2+	130
167960.3	2160407		245
2576050	1622736		1
471884.3	433216.1		77
1320521	1575541	[211][M+4]2+	25
4392528	3853453	[1565][M+2]+	201
12038494	8869247	[123][M]+	15
94313.36	46633.42		175
3466487	2891262	[1531][M+2]+	256
43191.82	20466.02		175
22914.67	530278.2		427
11163484	21559431	[380][M+1]3+	1
1332526	1264418	[M+K]+ 51:	339
972534.9	1605704	[1503][M+1]+	60
398450.2	575831.4	[M+H]+ 29:	289
0	0		49

1436050	2513118	[M+H] ⁺ 31	289
257640.5	406188.6	[334][M] ⁺ [M+H+NH ₃	221
1331711	1163968	[2M+H+K] ²⁺	15
19015.96	74039.05		77
2807943	2598862	[M+Na] ⁺ 8	66
7378401	7459160	[1582][M] ⁺ [M+H] ⁺ 12	202
300308.9	325005.5		456
40699.35	0	[M+K+NaCl	47
836286.9	722572.7		14
1304923	1101988	[414][M] ⁺ [M+Na] ⁺ 3	15
703734.5	125057.2	[1322][M+1] ⁺	75
163202.9	123050.8		202
2.22E+08	1.91E+08	[403][M+1] ⁺	15
1583436	1048294	[3M+2K-H]	31
752034.8	283286.2	[M+K] ⁺ 29	112
20773613	32098494	[283][M] ⁺	106
65440.89	68646.79	[M+H] ⁺ 27	119
208488.7	239994.7	[M+H] ⁺ 34	116
105678.7	76435.52	[M+H] ⁺ 30	49
2109406	1231849		100
2971.029	0		39
882715.8	112615.4	[1274][M] ²⁺	323
190638.5	1033467	[M+H] ⁺ 63	11
226189.1	282035.6		280
690411.6	1494161	[23][M+1] ²⁺	17
27493.22	261616.7	[M+K] ⁺ 43	88
325504	222094.6	[692][M+1] ⁺	313
638154.5	346373.3		188
25050.93	434065.7	[M+H-CO] ⁺	104
55268.65	70639.79	[1461][M+1] ⁺	202
8.32E+08	7.23E+08	[403][M] ⁺	15
587171.9	425075.4	[1513][M+3] ⁺	270
296645	115655.4	[748][M+1] ⁺	206
1153162	902857.6	[397][M+2] ³⁺	25
801039.9	868483.1	[211][M+3] ²⁺	25
36158843	10900906	[M+K] ⁺ 32	119
7288068	5479065	[172][M] ⁺ [M+H-H ₂ O]	14
74648.57	19511587	[M+K] ⁺ 24	180
28591.74	46661.01	[M+K+NaCl	238
293772.4	252712	[888][M+1] ⁺	25
207715.3	158658.9	[848][M+2] ⁺	223
2296751	1862431	[M+K] ⁺ 22	15
230666.9	123038.7	[M+K+HCO	23
41484.49	29707.62	[742][M] ³⁺	39
6147884	3896396	[1331][M+1] ⁺	24
14252576	9232926	[1331][M] ⁺	24
1200402	65873.85	[1131][M+1] ⁺	217

45671930	17206881	[293][M]+ [M+H-H2O]	217
106355.8	76724.88	[740][M+2]+	223
674039.5	290477.3	[M+Na]+ 4	188
150251.8	22047.82	[842][M+1]+	113
357843.6	162993	[3M+2Na+I	29
312171.8	320988		389
1411360	1024007		128
1579377	2582183	[1363][M]+	70
2533800	2407982	[173][M]+	31
201251.9	477566.7		230
1442385	627428	[M+Na]+ 8	31
2786970	1393381	[536][M+1]+	205
208522.3	422914.8		14
57792.41	257231.3	[1381][M+1]+	69
161863.3	60169.56		52
1561905	885145.5		14
212592.5	227479.2	[M+K+NH3	40
901221.6	1437667		289
2909255	3319802	[417][M]+	15
25889536	20966936	[403][M+2]+	15
3692274	5625505	[283][M+1]+	106
3748264	2611631		100
2601243	6083948		38
38835.12	144353.2	[1247][M+1]+	159
3058062	3442868	[396][M]+ [M+H-C5H8	15
61933.82	536240.3	[M+K]+ 38	155
2603606	731698.6		40
1436160	2081756		336
2054271	1641149		23
392480.8	503166.7		114
407430	229587.7	[940][M+2]+	300
1179229	626579.2	[M+K+HCO	14
689065.1	287780.8	[1344][M+1]+	40
12775496	13565030	[1565][M+1]+	201
374176.3	629802.4		362
874439.7	758807		11
6182540	3541490	[1401][M]+	34
1106219	263242.1	[997][M+2]+	31
615013.9	442288.1	[M+K]+ 35	14
1502445	0	[3M+Na+2I	180
981998.8	7856.814		236
293902.5	1395679		104
15085821	31603346		86
301335.1	392583	[M+Na]+ 8	27
315032.1	132642.3	[M+H+HCC	31
0	689125.4		311
93951.05	54919.38		470

916852	806997.5		144
763880.2	205306.7		24
534787.8	1849159		304
578710.7	181223.5	[3M+H+K]2	31
731437.9	2215386		4
2741723	1429795	[M+H-CH4]	205
345616.2	804822	[M+Na]+ 2'	17
282044.9	3118707		258
57708726	94753338	[1585][M]+	1
1130624	1871002	[M+H]+ 58'	119
750968.7	639381.3	[M+K]+ 37'	16
94902.11	10402.32	[M+H+HCC	47
228224.1	2508391		155
262684.1	1083601	[M+H-CO]+	49
938813.1	317632.8	[M+H-H2O]	316
35483.64	5231.657		148
326529.9	69527.74		206
480682	90848.54	[956][M]2+	25
9398722	4734842	[M+H]+ 47'	180
441383.8	94038.06		31
345380.4	243445.5	[2M+2Na+I	40
1517465	694313.1	[M+H+K]2+	25
227235.9	177329.9	[1580][M+2]+	100
1272999	305955.9		322
54873689	42148954		201
150128.1	17118.2	[2M+Na+K]	17
32538.34	0	[M+Na]+ 6'	25
675765.3	5227713	[1222][M+1]+	11
307916.5	409466.3	[M+K]+ 49'	289
6217282	8221243	[M+K+NH3	26
4578070	3083233	[2M+Na]+ :	24
288183.6	251793.2	[848][M+1]+	223
108394.9	825045.6	[364][M+2]+	196
26661135	20706576	[1513][M]+ [M+H]+ 87'	270
2128037	1223956	[1401][M+1]+	34
469395.9	387524.8		115
119431	453980.9	[335][M+1]+	86
1638169	1236482	[M+K+NH3	157
9299671	7244354		249
1426760	1240598		357
147615.5	226654.1		29
2936213	3241219	[361][M]2+ [M+2H-CO	29
332847.3	455051.3	[M+H+Na]2	29
1361815	1064383		45
3155525	23474600	[1465][M+1]+	223
226060.7	190295.9		206
1590153	567055.8	[M+K]+ 33'	101

4509751	2172610	[1344][M]+ [M+K]+ 65	40
3052078	2830384	[M+Na]+ 4	17
1114650	1256764	[3M+H+Na	104
2764122	1706140	[1342][M+2]+	25
158759.7	330700	[884][M+1]+	160
591120.4	807075.7	[410][M+1]+	124
1306071	250000.9		40
1387529	1274610		15
833137.9	237824.3	[M+2Na-H]	14
1435125	0		236
1236115	1104274	[986][M+1]3+	206
1381787	553839.6	[1232][M]+ [M+K+NaCl	29
1164058	867389.8	[540][M+2]2+	25
171615.4	306575.3		289
1238372	173152.8	[655][M]+	279
1071691	1141896	[989][M+1]3+	197
84472.72	94955.41	[2M+Na]+ :	31
1836081	2674029		325
910447.5	3140201	[1541][M]+	9
7654973	5713128	[1013][M]2+	211
1038887	738797.4		215
0	204705.6	[1089][M+3]+	2
0	9015.881		91
146032.2	80480.25	[485][M+1]+	223
346137.8	447333.5	[188][M+1]2+	151
263445.4	565570.9		152
7427245	56173127	[1465][M]+	223
221745.1	191804.8		336
24556247	44865718		1
7223157	3688611	[473][M+1]+	119
8791965	6094947	[1581][M+1]+	191
365312.8	567582.9	[1400][M+1]+	31
7139165	3484255		24
412227.8	453061.4		144
706321.3	42521.37		272
4811253	5166523	[589][M+1]+	4
1181014	1728970		104
1121784	785528.3	[902][M+3]+	25
69023.54	2472994		55
3823368	380643.5	[1131][M]+	217
49698.28	1734220	[3M+2Na+I	230
160702	35252.86		32
3258296	3825306	[2M+H+K]2	11
4105189	6010592	[M+K+NaCl	17
344868.9	240955	[998][M+2]2+	25
266138.1	197689.5	[1264][M+1]+	205
127728.8	78060.75		119

242055	103981.4	[M+H] ⁺ 390	112
4266507	4456874	[211][M+2] ²⁺	25
24737	663526.4	[3M+Na] ⁺	49
146289.1	644541.9		381
2479725	2904833	[1321][M+1] ⁺	231
131009.5	864355.6	[M+K] ⁺ 160	117
4143385	1573547	[M+Na] ⁺ 60	120
253521.6	599150.8	[1417][M+1] ⁺	225
8090612	7975123	[739][M] ⁺ [M+H+NH ₃	75
5637.119	7254.397	[M+Na+HC	47
1157915	927867.8		25
2155054	3617702		1
993004.7	8436885	[3M+H+Na	117
510589.6	2195904	[M+K+CF ₃ C	104
18808.22	895614.5		73
14454984	11497903	[1543][M+1] ⁺	257
6467222	3265450	[M+K] ⁺ 430	13
390507	253088.3	[2M+Na+K]	26
1136637	758220		260
147357.9	0	[1277][M+1] ⁺	47
1503620	739363.8		203
83504.15	274312.9		80
3535186	5328141	[980][M] ⁺	11
437663.8	95436.74	[1229][M] ⁺ [M+H+CF ₃ C	52
62408943	52348511	[M+Na] ⁺ 5	100
2270291	2987824	[1472][M+1] ⁺	4
184808.2	172531.8		26
98415.42	369040.2		55
165417.8	70874.94	[M+Na] ⁺ 3	24
31414278	1.22E+08		165
158883.6	255175.1	[844][M+2] ⁺	225
717881.7	756895.7	[417][M+1] ⁺	15
2724621	20377334	[1222][M] ⁺ [M+H-CH ₂]	11
878703.7	2223413		69
1139465	629938.7		10
114374.4	264132.5		127
67986.71	76218.16	[M+Na] ⁺ 2	199
6289.86	0		148
160568.5	307948.8	[1523][M+1] ⁺	147
375735.2	206078.9	[667][M+2] ⁺	272
371501.5	160105.2	[M+Na+HC	55
4727235	4051464	[M+2H] ²⁺ 1	25
472567.4	170158.6	[M+H] ⁺ 67	18
1094306	754719.3		42
40258448	30789782		202
2348601	2585995		11
21512.2	18328.75		148

996053.4	971105.5	[233][M+2]+	31
9287555	12203408	[422][M]2+ [M+2H-H2O]	29
248644.8	7416.667	[956][M+1]2+	25
707754	126481.3	[M+H+HCC]	31
151740.9	854561.7	[364][M+1]+	196
430545	1227139	[1206][M+1]+	52
9298.435	66671.25	[M+Na]+ 3!	49
659730.3	971664.9		3
104035.2	108653.2		49
108608.2	85641.73		26
185834.9	233604.3		89
148155.4	306479		52
276492.8	339755.3	[M+Na]+ 4!	212
972986.2	272506.3		388
157058.4	66371.16		300
1935425	1794488	[M+Na]+ 2!	158
139541.4	4771895	[M+Na+NH]	199
16000.55	681358		155
295333.9	344766.8	[M+K]+ 63!	289
7096971	2936389		160
1.25E+08	1.88E+08	[1308][M]+	1
22428.28	12828.24	[M+H-C3H6]	29
350838.4	242591.3	[542][M+1]+	8
12875221	20071017	[M+H]+ 36!	29
186149.9	202450		284
14776045	12447142		333
383844.3	367098.2		222
176388.2	17606.88		277
1137862	661248.2		222
3703345	1266578		29
373606.7	160735.4	[M+2K-H]+	40
20902718	27061317	[53][M+1]+	2
2082913	87231.45		179
3294975	8277194	[44][M+1]+	152
1342630	3016599	[1417][M]+	225
2502049	35248873		184
1110578	2072064		119
100840.4	953490.8	[1381][M]+	69
28076443	28890398	[211][M]2+	25
1200636	1730934		49
32535.13	33801.79		148
752101.4	2747485		198
257425.1	8303431	[797][M]+ [M+K+HCO]	55
2979335	1240247	[940][M]+	300
990216.7	974155.8	[M+Na]+ 3!	40
43522.03	247571.6		218
925940.4	789821.5		197

56216.55	15333.75	[M+H] ⁺ 530	376
10897791	6859460		287
1714288	1513271	[M+K+NH ₃]	17
3044864	2112552	[M+K+NH ₃]	15
800703.6	194229.5	[M+K+NaCl]	40
641688.7	159681.1	[2M+2Na+H]	40
84423.52	77310.04		105
4250453	16704612	[1592][M+1] ²⁺	6
82424.12	0		29
37341.31	182519.9		152
599467.7	678214.1	[M+Na] ⁺ 40	4
19702594	14010713		282
28048680	23711463	[1553][M] ⁺ [M+H] ⁺ 100	260
403667	178883.3		289
950209.2	632660.6		240
1052357	802870.4	[43][M] ⁺	223
0	0	[M+Na] ⁺ 40	49
793745.2	626994.2	[M+Na] ⁺ 40	100
1183883	1154285	[802][M+1] ⁺	210
2153055	1422790	[1336][M] ⁺ [M+K] ⁺ 650	24
4548943	5715634	[460][M] ⁺	29
201199.5	1800084		321
105126.5	147471.5		222
466902.6	447079.6		266
0	326399.1		49
1478176	1616486	[M+H] ⁺ 180	311
44319222	67538082	[1326][M+1] ⁺	1
846030.1	1175444		389
422386	404864.5		14
149054.4	461850.5	[871][M+1] ⁺	10
120999.4	273879.1	[M+H-H ₂ O]	29
713291.8	649474.9	[M+2H-CH ₃]	25
29421.87	0	[M+H-C ₂ H ₅]	76
3877954	4651592	[410][M] ⁺	124
1625798	1937687	[731][M+2] ⁺	11
657412.5	1211138	[M+K] ⁺ 250	304
29260.55	35085.17		108
445513.8	564076.8		180
668159.2	751835.8		209
120780.8	286755.3		289
5401103	2156893	[817][M] ⁺	300
690735.7	542589.5	[M+H-H ₂ O]	193
235573.8	1707771	[171][M+1] ⁺	199
4637345	5642583	[1317][M+1] ⁺	63
957143.6	597157.5	[485][M] ⁺	223
233891.9	180773.9		256
969631.5	345359.2	[549][M+4] ⁺	17

9664.389	965232	[3M+H+K]2	199
1040237	450005		283
3206091	2463705	[1367][M+2]+	100
148190.4	453617.5	[M+Na]+ 30	120
647603.7	77615.5	[375][M+1]+	179
225840.7	112765.1	[M+2H-HC	24
38701955	80629073	[1585][M+1]+	1
269243.5	439121		290
1000580	678100.2	[M+K]+ 36	250
498384.1	89450.79	[1355][M+1]+	25
3071285	1896804	[1286][M]+	56
1282344	1402288		52
3283958	3121098	[1511][M]+ [M+H-CH3]	11
2686493	2190139		291
16112130	12686454	[1560][M+1]+	211
210009.1	1249056		88
2812720	5414447		17
3128985	2313319	[1513][M+2]+	270
498853.6	1220765		77
70363.39	692515		299
522004.5	331098.7	[3M+H+K]2	31
700930.9	777524.8	[396][M+1]+	15
23265624	24532657	[589][M]+	4
764919.6	810150.9		245
68166.81	397001.6		353
617727	452788.6	[M+2H]2+ !	25
536479.6	1021691	[M+H]+ 38!	218
32366009	22340693	[914][M]+ [M+Na]+ 4	23
46624.76	45922.54		148
6673746	7248275	[1321][M]+	231
366564.5	876807.4	[M+H-C6H:	104
607356.4	872656.1	[751][M+4]+	215
923334.8	418320.5	[1259][M+1]+	23
772807.4	2052123		304
58227315	44466093		202
503822.3	618811.2		10
171625.9	260867.4		435
12279319	16338637	[181][M]+	29
12214170	11830044		157
437126.4	388188.6	[690][M+1]+	391
680169.8	239815.1		1
517292.1	88859.53	[1580][M]+	100
1584383	1595293	[986][M]3+ [3M+3H]3+	206
466374.5	90621.6	[M+H-COCl	25
280783.6	614472.7		393
361612.1	167051.4		312
4643133	2432213	[1259][M]+ [M+K]+ 60	23

412812	1093658		31
331631	501211.4	[M+H] ⁺ 71!	116
4279328	5081802		102
1606411	1143699	[123][M+1] ⁺	15
16124.72	839607.8		404
754867.7	810804.8	[1573][M+3] ⁺	189
3321599	0	[M+K] ⁺ 24!	311
94688.94	1220243	[1541][M+1] ⁺	9
1845072	1451403	[200][M+1] ⁺	320
3739983	3858870	[M+H] ⁺ 60!	121
1514164	4026425	[1412][M+1] ⁺	173
1378275	419314.3	[M+K+CF ₃ C]	120
1100767	388747.8	[M+K] ⁺ 66!	251
105896.7	421476.3	[2M+Na+K]	49
749597.1	329303.9		40
326729.6	275069.2	[M+H] ⁺ 38!	342
1679827	463368.5		29
10862346	773501.8		182
303476	1485383	[M+Na+CF ₃ C]	104
1626441	1385738	[M+Na] ⁺ 2!	51
588343.1	529151.1	[798][M+1] ⁺	223
12630596	6709961		300
86589.65	152785.7	[M+2K] ²⁺ 8	138
863268.9	128084.4		40
1673908	960416.3	[1455][M] ⁺	34
115585	237509.4	[622][M+1] ⁺	117
14968525	10524011	[1531][M+1] ⁺	256
380611.6	3350065	[M+Na+Na]	104
120013.7	320253.1	[413][M+1] ²⁺	138
3248767	1917007	[M+H-COCl]	8
3911863	1520766	[476][M] ⁺	89
12244826	9864811	[1139][M] ²⁺	189
618451.3	473607.7	[892][M] ⁺	25
8010275	10493937	[608][M] ⁺ [M+Na] ⁺ 3!	4
21613681	2063109	[616][M] ⁺	90
446207.9	153246.4		25
31125.53	61027.77		194
72484.16	784627.8	[M+H-CH ₄]	11
131306.4	51514.43	[187][M+1] ⁺	55
20234009	2030399		89
598315.6	672404.7	[2M+Na] ⁺ 1!	119
11413323	7307531	[235][M+1] ⁺	40
641701.3	70961.67	[1434][M] ⁺ [M+H] ⁺ 75!	33
635778.2	175988.4		300
1150792	1270608		27
1826380	237001.8		241
1584199	5242221	[3M+2Na] ²⁺	11

741171.8	233759.8		300
125294.3	473700.6	[M+K]+ 29	14
523922.9	427521.6		139
128492.7	177548.1		372
3352018	7446569	[9][M+1]+	152
476591.9	526196.6	[180][M+1]+	61
6248747	4389470		206
1.14E+08	1.83E+08	[1326][M]+	1
3980512	5841624		49
4728079	6514755	[M+Na]+ 3	4
605441.8	313983.2		251
176120.5	371656.2	[M+Na]+ 3	107
35073214	47227175	[M+2K]2+ 5	29
697333.2	467155.9	[803][M]+ [M+H]+ 46	375
520347.8	159312.9	[1385][M+1]+	100
960670	828733.1		256
13111468	12530006	[1262][M]2+	202
391905.1	250245	[427][M+1]+	381
178816.4	139383.5		287
978841.1	839246.9	[M+H]+ 31	86
79700.93	536003.7		49
569562.3	6155811		1
11222882	14188550	[M+H+K]2+	29
5624599	3430104	[914][M+1]+	23
734170.9	503504.3	[1581][M+3]+	191
21043.68	18674.81	[257][M+1]+	35
669211.8	3664902		6
295155.8	415621.1	[910][M+1]+	62
915516.4	1312352	[1089][M]+	2
1469505	714464.7	[1410][M]+	278
46090.62	135639.9	[M+K]+ 34	94
67829.65	7210.958		241
304011.9	197788.7		19
217025.1	204812.6		33
346734.2	269697.3	[1089][M+2]+	2
1779822	5210550		1
9022567	65018778	[1501][M]+	210
551020.2	215085.9	[1549][M+4]+	100
40599.31	249043.7		220
102264.3	234718		446
527729.5	205558.3		216
0	1270139		350
2888.037	104372.2	[1491][M+1]3+	148
146622.3	51191.9		310
4992467	256280.2	[616][M+1]+	90
296082.1	189805.2		34
548798.9	650674.1	[M+Na+HC	95

31617112	25690206		201
705815.5	121469.4	[2M+Na+K-	31
3001030	2885448	[542][M]+	8
2595147	3044948	[422][M+1]2+	29
188577.1	226951.9		32
60983.27	86621.34	[M+H]+ 32	119
1893660	4373991		3
24919.31	120656.4		94
988627.8	930884.3	[1565][M+3]+	201
468448.8	412727	[M+H-C3H2	14
2857550	3218007		8
644744.3	123312.8	[M+Na]+ 5	24
114798.7	782973.8	[M+H]+ 42	173
171996.7	55988.15		18
126810.3	119190.9	[801][M+1]2+	252
414947	691247.2	[M+K]+ 24	173
333877	474217.4		359
275857.5	203429.8	[414][M+1]+	15
491052	325759	[1419][M]2+	249
164128.1	321453.7		36
825716.3	1992472	[M+H]+ 38	289
19617451	2184393	[787][M]+	92
4156473	29731794	[1501][M+1]+	210
151339.1	240889.4		327
22188238	2641489		76
1894256	3742880	[1206][M]+	52
98495.33	176755.2		218
5363420	34014345	[1591][M]2+	1
403245.5	370565	[3M+3Na+H	232
247773.8	307000	[1582][M+3]+	202
18133131	11318929	[902][M+2]+	25
256243.3	2893760	[818][M]2+	11
1016228	1499595	[M+H-H2O]	289
67830.74	11613.58		108
487059.9	37574.57	[M+Na]+ 5	31
2619475	822369.7	[936][M]+ [M+H-CH4]	213
1200368	1184534		221
510626.5	339580.2	[M+2H]2+ !	23
2087158	3475472	[882][M]+ [M+K+HCO	119
2367451	870054.2	[654][M]+ [M+K+NH3	29
303414.3	752514.5		133
356444.7	20892.42	[1355][M+3]+	25
411713.5	99376.3	[1277][M]+ [M+K+NaCl	47
41831081	33707200		211
0	91759.25		147
1439898	2489186	[M+H-C4H8	4
840331.8	289887.3	[817][M+1]+	300

440286.1	383889.1	[M+Na]+ 2:	196
785051.2	594071.2	[212][M]+ [M+H]+ 29:	223
203460.2	223404.4	[1089][M+1]+	2
1119317	816219.8	[1070][M+1]3+	443
6243804	355896.8	[M+K+NaCl	207
565611.2	233174.5		1
0	253480.8		311
355119.7	643193	[822][M]2+ [M+2K]2+ :	29
9113.486	38499.54		238
154036.3	583013.8	[409][M+1]+	104
147400.9	21892.39	[1454][M+4]+	47
1478527	2042762		29
1249433	990254.9		354
189761.9	507877.3		216
1306976	2139183	[110][M]+ [M+H-CO]+	52
8451084	59225108	[1591][M+1]2+	1
419427.1	511868.3	[546][M+1]2+	29
116004.5	401179.1	[M+K]+ 28:	26
116892.2	233316.7		88
25924102	19065928		211
344876.8	26276.48		378
1946365	3346927	[132][M]+ [M+H-C6H:	116
365363.8	0	[M+H]+ 43:	180
51069.97	64126.25		238
232935.7	30334.41		25
183083.6	1512716	[M+K]+ 43:	49
32886651	3622562	[1011][M+1]+	33
13630801	12681823	[1227][M]2+	191
344827.8	523354.5	[M+2K]2+ :	29
332886	27015.15		293
639268.4	505876.7	[M+H-C4H:	23
313084.8	2597491	[M+2K]2+ :	381
12195768	9590605	[1513][M+1]+	270
232868.8	97979.66	[1089][M+4]+	2
1199126	1768184	[546][M]2+	29
322475.5	305712.6		460
10101916	64325900		6
697211.4	441330.4		374
1314233	604938.3		188
49543.78	68516.27	[M+K]+ 40:	26
879876.7	1102093	[M+2H]2+ :	29
2741634	2593612	[1376][M]+ [M+Na]+ 6:	11
479007.7	800879.8		41
555593.4	502012.1		26
163945	358805		33
109139.6	98292.21	[282][M+1]+	41
76207.31	2924523	[797][M+2]+	55

268900.9	320078.6		360
2153531	0	[M+H-CH ₂]	180
1314307	507334.1	[947][M+1] ⁺	147
9229411	9571535	[152][M] ²⁺ [M+2H-HC(	25
1270456	3652101	[1233][M] ²⁺	4
250122.5	37219.07	[824][M+2] ⁺	40
1896031	1427267		213
134032.8	36659.59		241
844585.4	689435.3	[495][M] ³⁺ [2M+3H] ³⁺	245
621196.6	96509.78	[1460][M] ⁺	106
811279.7	4275684	[3M+2H] ²⁺	316
966911.9	906632.9		336
55766.18	75786.58	[99][M+1] ⁺	55
641957.2	139740.6		300
387857.4	10329.62		206
472203.3	181164.7		61
402090.1	491681.2	[M+2H-NH ₂]	119
3333685	3903516		29
606055.2	1023447	[620][M] ²⁺ [M+Na+K] ²	29
15082108	18759610	[565][M] ⁺	135
275231	618869.6	[M+H-CO] ⁺	107
78253.58	675306.9		179
531737.3	485241.4	[422][M+3] ²⁺	29
343853.7	111231.5		29
323445.6	2771026		51
3202849	3280049	[876][M+1] ⁺	75
692610.8	506972.6		72
233063	312852.3	[132][M+1] ⁺	116
34431888	75017798	[44][M] ⁺	152
352903.3	363501.7	[1335][M+4] ⁺	31
370773.3	747701.2		12
40858728	80783910	[9][M] ⁺	152
2706406	2230522	[1139][M+1] ²⁺	189
188155	126762.1	[M+Na] ⁺ 4:	33
66734036	47011929		189
1550374	1561083		189
0	0		148
2919314	3567886	[565][M+1] ⁺	135
201450	36029.25		232
125504.5	59828.05		24
178277.9	349718		379
165169.5	278613.7		132
1566338	936670.8	[1511][M+1] ⁺	11
872460.8	680718.8	[1543][M+3] ⁺	257
73386.11	4876158		55
45810.62	423681.8	[879][M+1] ⁺	116
1705905	568622.7	[2M+Na+K]	40

4526906	490865.1	[787][M+1]+	92
247579.7	128952.1		418
6099758	511200.9	[1196][M]+	177
1307894	1222035		25
150586.8	331093.9		292
48359.04	51325.09	[710][M+1]+	324
1718611	688564.3		142
637547.6	769350.2		462
72475.16	289508.1		104
1053519	14733251		184
317151.8	154021.4	[M+H-C2H4	23
1234430	1204737	[M+H]+ 55!	245
1266181	751560.1	[1331][M+2]+	24
326116.8	419086.7	[3M+H]+ 2!	289
135514.9	434233.3		409
2983704	2198976	[1162][M]+ [M+Na]+ 5!	100
117564.4	244151.9	[M+H-C4H8	218
17627170	10648903	[667][M]+	272
161336.6	25803.11	[655][M+1]+	279
2847230	7085085		322
4248800	2992410	[711][M]+	286
555084.7	1431664	[M+2K-H]+	228
207542.4	50953.43	[2M+K]+ 3!	29
29436.41	37331.26	[1491][M]3+	148
1384213	1328347	[M+Na]+ 4!	100
20392456	25323340	[263][M]+	29
3107780	4932878	[68][M]2+ [M+2K]2+ 3!	52
8831032	1240164	[M+H-C2H4	86
17555.36	0	[289][M+1]2+	47
224387.9	278430.8		33
661744.5	2173686		280
453845.5	1256242	[M+Na]+ 4!	11
601103.4	2063749	[M+2K-H]+	8
2892941	2419627	[3M+2K]2+	206
16141.58	238470.6	[M+H]+ 37!	103
8979234	2795243	[754][M]+	62
2296318	2109172	[540][M]2+ [M+2H-CO!	25
4285304	99369232		129
697260.4	1557998	[M+Na]+ 2!	17
306299.8	422468.5	[M+H+CF3!	262
260775.4	48358.7	[1460][M+1]+	106
663477.7	515644.5		2
699405	252168.7	[1275][M]+ [M+K+HCO	29
41694483	72108761	[1313][M]+	1
120435.1	72264.66	[541][M+1]3+	46
132616.2	7716.635		320
108075.6	578690.1		79

2157751	3379952		289
119773.2	15543.28		2
114372.3	641011.4		78
9224124	6686530	[1492][M+1]+	266
670222.2	1349482		289
369674.2	61869.26		25
309015.1	607901.3		186
5391406	6953404		366
580291.2	970780.6	[68][M+1]2+	52
315244.3	195593.3	[917][M+1]+	25
733847.7	5998894	[M+2H]2+!	203
30538095	1.76E+08	[1587][M+1]2+	6
20086922	96044979		1
53855.79	1363451	[M+K]+ 68!	31
55101.65	103499.3		112
209301.1	181810.4		289
6751084	14843397	[M+K]+ 20!	192
956565.1	508152.2		25
16142.53	9705.899		241
23864.18	134053.6		55
256316.6	336641.7		135
1566614	249479.6	[1238][M]+ [M+H+HCC	18
371937.8	573857.3	[M+H]+ 40!	207
9942264	38333069		6
7488059	4736210	[3M+2Na]2	217
544741.3	492613	[1365][M+1]+	283
68129.95	0	[M+H+HCC	55
1836476	2805677		350
119639.4	42378.51		309
90532.92	30871.41		217
27735.98	0	[2M+Na+3I	18
201696.7	350619.7		320
37830.84	21796.01	[798][M+3]+	223
113456.8	59034.54	[2M+K]+ 3!	29
604942.7	333249.8	[1455][M+1]+	34
787468.1	17530524		1
502415.8	91952.84	[M+H]+ 69!	40
10294149	884318	[510][M]+	73
371182.6	400112.3	[M+H+NH3	55
1296751	116438.3	[M+Na]+ 4!	207
147528.1	143374.8	[626][M+1]+	387
274850.1	751061.6		29
553359.2	1598707		4
1289713	1544948	[M+2H-CH4	17
145867.9	123224.9	[743][M+1]+	52
11549.79	193983.6		152
1557303	373725.9	[1538][M]+ [M+K]+ 90!	100

981187.5	707230.5	[1560][M+3]+	211
461430.2	473983.5		202
696421.4	233564.2	[M+H-H2O]	119
390230.4	102334	[M+K+CF3C	29
80320983	13167730	[1011][M]+ [M+H-C6H8	33
4289438	5261531		11
480403.7	272385.1		353
349295	137745.1	[932][M+1]+	261
9584.492	19431.4		91
27841.15	23771.17		25
303600.1	433859.3		283
1018198	692216.4	[1286][M+1]+	56
134049.8	189018.3	[700][M+1]+	62
494237.7	147038.2	[M+3K-H]2	18
327241.2	255921.4	[M+2H]2+ (	25
104603.9	211700.5		368
228256.3	121870.9	[M+Na]+ 6:	17
18391484	1.06E+08	[1587][M]2+	6
305857.5	120746		206
789493.7	112753.9	[1238][M+2]+	18
305582.7	5822454		10
4018324	5094369	[12][M]+ [M+H]+ 19:	88
1137123	5469531		38
741138.5	757323.1		245
3009677	17360198	[415][M+1]2+	1
82788.4	465355.7	[M+Na]+ 4:	104
563152.1	473252.6		35
8485812	47171743		1
84288.06	18120.89		442
18597.27	47142.31	[3M+H+K]2	26
101444	84926.07	[M+2H-HC(	76
217794.7	277197.1	[1281][M+1]+	81
39258.74	308223.6		61
249834.9	154551.9		272
2143032	11031653		1
26332698	21723985	[M+Na]+ 6:	282
435835.9	4994070		1
1236841	135141.2		92
1015881	768335.9	[1414][M+1]2+	12
1501277	112894.7	[1196][M+1]+	177
308714.2	141149.4	[740][M+1]+	223
14713.63	0	[M+H-CH2]	47
64624	173821.9		147
75137.47	52430.18	[M+K]+ 46:	391
172639	280976.6	[1358][M+1]+	186
202530.6	141726	[165][M+3]+	199
193432.2	71787.75	[M+H]+ 28:	188

448670.2	220874.5		34
53380.46	1453140	[M+K+NaCl	55
5909700	725859.5	[966][M]+	170
423577	423193.4		176
677057.2	570040.3		216
25662.17	949266		152
75447.54	62356.43	[1267][M+1]+	100
153229.3	21590.6		29
102780.3	170907.2	[M+H-C2H4	60
747200.4	761851.8		155
2422512	2636732	[199][M+1]+	144
56631.26	155557.9		211
559850.2	367503.3		174
19128479	3750715		58
443444.4	479839.3	[M+Na]+ 5:	289
15095404	56366386		1
415387.8	49841.98	[M+K+HCO	18
1154343	978239.8	[1018][M+1]3+	206
1894722	134974.4	[510][M+1]+	73
1481965	1403859	[M+H]+ 27:	193
1264377	869343.2	[1083][M]+	312
3111576	2233078		68
36474.29	710146.6	[M+H-CO2]	18
103281.3	463322.6		17
339564.8	355919.6		194
1522288	18867416		184
21712958	23243959	[1007][M]+ [M+H+NH3	75
1150926	1014327	[1376][M+1]+	11
95974.52	119897.6		18
3071584	847183.2		37
501135.2	455550.1		12
729726.3	261591.7	[M+K]+ 44:	229
153675.3	168375.5		26
798607.8	974276.4	[M+Na]+ 2:	29
949597.4	499905.5	[M+Na]+ 3:	134
2402786	253536.1	[M+Na]+ 5:	86
1806420	2158031	[181][M+3]+	29
118454.6	3361026		55
114014.7	227261.3	[775][M+1]+	268
131874.2	67566.94		104
4265499	427853.9	[1059][M]+	197
6134510	17201536		1
12520350	57345138		6
141477.5	8001.41	[1275][M+1]+	29
702048.8	180513.4	[M+H]+ 59:	25
468159.3	450114.5	[363][M+3]2+	18
313636.3	798432		14

0	674759.4	[M+H-NH3]	180
312467.1	253387.2		337
1009127	133269.2	[824][M+1]+	40
72969395	1.23E+08	[731][M]+	11
67057711	213515.8		52
432938.2	481192.7		254
526987.5	986330.9		167
0	15302.43	[M+H]+ 90	18
6178620	7715479	[228][M]+	25
28799.75	129745.6	[M+Na]+ 5	229
5587473	843864.4		91
136839.5	36605.91	[1149][M+1]+	18
0	1023298		394
63414.63	170362.5		385
978447.5	1284928		105
1583585	1881173	[910][M]+	62
2836208	1257206	[1530][M+2]+	100
4916.58	4154.575		148
110320.1	232012.6	[605][M+1]2+	139
118883.7	91658.99	[M+H]+ 54	289
20353018	1.54E+08		1
262424.9	387885.4	[M+3K-H]2	29
250519.2	333759.9		2
326651.3	769141		49
155863.5	10071.06		33
105861.6	223664	[476][M+1]+	89
746691.4	526274.6	[939][M+1]+	26
54980.97	9493.454		170
243182.7	1828851	[M+H]+ 55	31
310471.3	120600.1		357
1034247	1182611		353
771452.7	6980483	[1501][M+2]+	210
433896.1	137860.6	[M+Na]+ 4	52
40520.69	93861.43	[M+Na+HC	116
65743.96	591882.5		472
1198249	700694	[333][M+1]+	49
1379723	941411.6		15
1353439	192370.7		300
1205500	137494.6	[1059][M+1]+	197
1550852	1404315	[M+K]+ 32	272
276873	131026.2	[825][M+1]+	75
11368764	20571032	[955][M]+	52
401183.6	465330.5	[786][M+1]2+	29
11727210	10945204		219
21168.59	195543	[736][M+2]+	55
235126.1	412417	[929][M+1]+	160
45021.86	27012.83		46

5207966	11842048	[M+Na+CF ₃]	180
143674.5	98628.84		77
1113095	1015173		256
297847.7	1861554		20
2786647	917052.4		191
99710.07	379109.1		228
565703	445567.5	[798][M+2] ⁺	223
606295	318116.1	[M+Na+HC]	31
528204.4	846450.1	[M+K+HCO ₂]	79
167382.1	580699.2		374
65727.9	24791.12	[2M+2K-H]	104
2.36E+09	4.53E+09	[1316][M+2] ⁺	1
76712.14	38119.49	[1411][M+1] ⁺	34
16745311	34687441	[639][M] ⁺ [M+K] ⁺ 37%	119
45198.77	44900.88		39
22233.04	31145.74		198
1488764	230161.7	[686][M] ⁺ [M+Na+CF ₃]	116
9821872	11754572		14
393432.2	258313.8	[2M+H+K] ₂	100
694992.1	799158.2		265
103046.5	58708.95	[325][M+1] ⁺	382
414464.8	1634847		128
410611.2	30056.04		293
178722.9	113579.3		114
260076.3	64334.32		103
962798.6	8448716	[M+2H] ₂ ⁺	206
428616.8	538538.8	[181][M+2] ⁺	29
32479727	21899242	[1531][M] ⁺	256
67151.7	14596.93		138
957315.9	432071.8		15
235585.4	340496.8	[659][M+1] ⁺	41
484936.9	190866.9	[654][M+1] ⁺	29
3859186	404885.2	[1011][M+2] ⁺	33
1288008	1642349	[1210][M+1] ⁺	136
1000511	1048172	[M+K+NH ₃]	26
479338.9	19099.21	[1226][M+1] ⁺	104
199974.8	136110.3		272
441906	318672.9	[1461][M] ⁺	202
407328.6	671209	[297][M+1] ⁺	158
432674.1	157778.1		29
1597567	0	[2M+2Na+I]	180
988852.7	931335.9	[403][M+3] ⁺	15
617658.5	918668.9	[3M+2K] ₂ ⁺	88
250976.5	116601.3		237
385332.9	199366.1	[1193][M+2] ⁺	100
357434.1	197303.4	[1577][M+2] ⁺	100
121835.6	33686.3	[M+Na+HC]	119

259737.5	315806.7	[2M+Na+K]	14
17010.87	838376.3	[M+K]+ 39	18
825338.6	800411.6	[953][M+1]2+	260
1787882	780738		18
2405898	3605898		17
340129.7	12768593	[M+2Na-H]	14
158887.5	30714.06	[M+H+HCC]	33
555528.9	164246.3		89
7969317	19430758		1
845459.3	585852.6	[359][M+1]+	217
1329365	2275868	[409][M]+ [M+Na]+ 3	104
111119	326870.3	[547][M+3]+	55
63355220	3.49E+08		1
58487.41	223231.3		378
330336.4	173766.9	[1336][M+1]+	24
1639221	91668.73	[966][M+1]+	170
354266.5	680452.3	[505][M+1]+	41
15133023	13324289	[1408][M]+	29
29440.98	391614.9		181
643959.9	167379	[2M+2Na+H]	31
85904.88	150361.3	[M+K+NaCl]	86
11515.86	566036.5		390
5239153	3900783	[1377][M]+ [M+Na]+ 6	29
603939.1	423908.3	[M+Na]+ 8	29
11302071	9136161	[3M+2H]2+	333
53259.98	339294.4		431
506929.3	377867.7		115
1607345	378576.1		44
90829.49	278875.6		69
911778	600707.2		231
1945583	2070950	[152][M+1]2+	25
699474.9	4834224	[1198][M]+	1
3248238	265024.8	[2M+Na+3I]	229
16490.21	43879.79		39
1333197	2026767		188
251261.5	520763.9	[M+Na+NH]	104
189515.4	37667.3		116
1213411	123996.5	[1226][M]+ [M+Na]+ 6	104
195981	44821.33		33
350232.2	26278.7	[686][M+1]+	116
203974.1	1079755	[M+H+HCC]	49
837234.4	858631.2		175
254373.4	540283		124
475414.8	47773.46		221
792411.9	399763		24
37498541	71980936	[1325][M]+	1
714790	515045.3	[2M+Na+K]	16

33109667	31074657	[1217][M]+ [M+K+NH3	75
377240.5	25016.62	[1238][M+1]+	18
3661378	4085543	[167][M]2+	175
450671.7	4460851	[1465][M+2]+	223
1459786	687471.5		13
697274.7	804591.6	[167][M+1]2+	175
245006.7	192178.5	[M+K]+ 496	281
8829079	67429642	[1525][M]+ [M+H]+ 90	203
94604.4	830951	[M+H-CO]+	88
1076702	1358352		17
222701.5	480512.1	[2M+2K-H]	289
182699	51131.69	[263][M+4]+	29
5294810	8894348		17
1887863	234380.3	[M+K]+ 39	218
328002.9	509310.3	[638][M+1]+	52
65432.11	3081.424		148
9241676	21727862	[114][M]+	255
28301495	1.31E+08		1
28261160	21404010	[3M+Na+2I	251
449137.8	442304.9		20
625291	778070.8		195
999018.8	198766.4		14
4159084	33354357	[1525][M+1]+	203
34585459	57359990	[1292][M+2]+	1
174052	86825.23		66
1.21E+08	9.41E+08		1
128500.8	144312.5	[M+Na]+ 2	49
860164.9	789614.2	[1553][M+3]+	260
1285806	1105804	[915][M]+	229
784136.9	686939.9		206
1.08E+10	2.04E+10	[1316][M+1]+	1
486695.9	343839.4	[2M+Na]+ :	24
184740.4	451291.6		27
1568897	1163511	[1407][M]+	29
67756.91	7251.987	[1454][M+1]+	47
896365.3	6561360	[3M+H+Na	11
3448516	789461.2	[722][M]+	58
49678.18	111935.1		211
4038514	20013316	[1535][M+1]2+	7
1.18E+08	7.44E+08		1
1215951	2255409	[282][M]+	41
54384.22	8228.192	[M+Na+HC	18
1159292	1729010		29
61744.94	406423.8		184
1.03E+08	6.8E+08		1
803688.3	5811986	[793][M+1]2+	203
1324979	1282002		115

2.16E+08	5.87E+08	[1316][M+3]+	1
591535.3	1129346		28
786692.8	1007088	[M+K+NH3	153
239559.8	7752496		54
6413116	7482846		29
3619471	2617410		338
159910.9	643632.1		12
74208.14	153856.5	[M+K]+ 29	14
543332.4	274479.7	[912][M+2]+	212
369027.6	2930288		135
59034.15	15720.23	[873][M+1]+	360
152407.9	6775.468		301
864661.5	761743.3	[489][M]+	105
5226121	25261008		1
1035031	1027277	[M+H+NH3	375
53260.29	66230.89		211
119369.2	19273.18		303
1387383	847769.3	[M+K+HCO	23
1198230	1313004		244
2416278	4424769	[955][M+1]+	52
1156350	683716.3		217
393376.4	62579.09		398
128251.9	55407489	[156][M]+ [M+H]+ 27	155
542443.4	361158.5		153
7376225	620895.8		113
619583.8	63272.37		386
2.63E+10	4.89E+10	[1316][M]+	1
1348230	18861821		271
785676.8	854456.6		188
796360.5	0		180
827687.4	1487536	[M+H-COCl	11
29502903	26278301	[1368][M]+ [M+K+NH3	205
285902.1	742365.3		19
98633.96	35747.41	[M+K]+ 42	281
156685.1	129611.2		108
143803.2	32133.42		62
975924.1	1040213	[M+2K]2+ 6	29
2448893	1609414	[914][M+2]+	23
922634.1	733006	[1444][M+1]2+	71
119316.7	63552.3	[42][M+1]+	254
1691546	1784363	[848][M]+ [M+H+NH3	223
2671485	3084436	[1273][M]2+	11
284145.2	201758.5	[831][M]+	11
352666.1	1816412		269
4276872	808904.7	[824][M]+ [M+K+NH3	40
728486.9	559036.7	[1531][M+3]+	256
850415	352886.7	[1149][M]+ [M+H]+ 58	18

3197435	2566613		92
56433.76	292553		404
826940.9	695222.8	[743][M]+ [M+K]+ 40	52
7739649	3936209	[1379][M+1]+	18
712294.5	1885869	[114][M+2]+	255
230867.7	1500921	[M+K+HCO	49
290292.1	100181.7		334
577020.7	781782.2	[M+K]+ 41	96
19752.87	92415.79	[644][M+1]+	86
226413.3	216383.3	[M+H+NH3	237
2650037	14831897		7
38282.81	339385.6	[M+K+HCO	49
124866.5	62777.03		250
186646.3	316199.8		52
191336.1	158805.3	[1073][M+1]2+	442
357076.4	32806117		104
2947377	2175469		219
209126.3	420394.2		297
14458.8	0	[M+K+NaC	47
4094588	2761759	[939][M]+	26
228498.5	174387.2		455
1718977	2454961	[638][M]+ [M+Na]+ 3	52
829547.2	261867.9	[M+K]+ 67	23
653097	172721.8		40
3777810	3509690	[M+2H-HC	25
247474	20762.57	[1454][M+2]+	47
406389.5	512887.8		328
78977.11	59257.01		152
832723.8	3019827	[1233][M+1]2+	4
695900.5	515049.3	[1490][M+1]2+	317
113370.5	19734.79		229
434260.1	127163.3	[3M+2Na]2	218
94539.36	66226.38		313
1808272	1245321		71
427282.1	516371.1		114
7324793	10147990		77
634443.5	540847.5		114
5366678	3078250	[M+K+CF3	75
366747.2	279328	[710][M]+	324
88254.27	30111.36		29
3233389	0	[M+Na+HC	180
383797.3	9140717		31
7978981	7930586		53
226967.5	405668.8	[M+Na+CF	217
228855.6	2566790	[M+K]+ 37	55
303907.2	59029.1		364
100325.6	39714.1	[541][M]3+	46

32490523	1.46E+08	[1350][M+4]+	1
27910.65	41178.7		49
472746.8	58237.34		116
28184240	12791933	[1379][M]+ [M+H+HCC	18
776391	766655		114
2582406	622850.2	[962][M+1]+	11
354713.6	1145792		228
31114.02	2046241	[M+K+HCO	199
131262.1	140416		148
289991.7	563585.1		29
482637.5	312264.4	[431][M+1]+	230
1548098	3152366	[M+H+HCC	119
562407.7	298808.3		12
552902.6	1183968	[M+K]+ 40!	119
212770	513775.7		195
2801052	6596529		9
422763	1674669		69
157741.3	262432.8	[169][M+2]+	107
2890643	2631059		388
4616145	502114.5	[988][M]+	43
1428574	1340191	[888][M]+	25
1914045	615061.4	[468][M]+ [M+K]+ 32!	215
1753355	2860886	[1282][M]+ [M+Na]+ 6!	289
4603196	5596334		114
112012.4	126498.4	[309][M+1]+	165
2616970	149819.6		224
48702509	61023893	[1317][M]+	63
168334.2	579010.2	[M+Na+CF:	218
8611.63	44378.72	[2M+Na+K]	49
104397.7	34201.17		46
10542271	10415456	[1368][M+1]+	205
2202253	1831933	[1082][M+1]2+	201
548823.1	186905.4	[M+K+NaCl	23
1544548	2431256	[725][M+1]3+	105
495849.3	783647.2		52
427924.6	527429.1	[1421][M+2]+	149
2230646	2314056	[453][M+3]2+	1
208171.1	1176259	[M+H-CO2]	104
1683704	1520051		231
163429	295527.3	[M+H]+ 43!	52
1413645	1325960	[917][M]+	25
729802.3	126736.3	[842][M]+	113
596682.5	0	[1010][M+1]+	264
243747.5	1917471	[M+H]+ 34!	60
1724846	1838084		214
351306.5	215314.6	[M+Na+HC	40
10441287	8182134		11

475875.7	1.47E+08		28
6152468	6964181	[159][M+2]+	17
256052.6	32329.27		92
2842333	294906.9	[297][M]+ [M+H+NH3	158
1560947	735423.1	[1508][M]+ [M+K+NaCl	29
183700	16375.63	[M+H]+ 58:	33
3154649	3158753	[798][M]+ [M+H]+ 46:	223
1802007	1901248		134
112296.8	160215.3		318
4925835	2762018	[311][M]+	300
1104005	1245627	[M+H+CF3O	4
10860.22	18438.44		241
6106954	9497974	[586][M]2+	85
1590148	13370018	[793][M]2+	203
132843.4	170005		119
254374.9	127869.9		293
767706.9	777972.3	[1432][M+1]2+	249
7667560	8276316	[M+2K]2+ :	75
578998.1	126793.5	[1149][M+2]+	18
201310.5	91428.91	[3M+2Na]2	217
9229431	8011286		257
993321.5	1276406		10
676688.5	689373.7	[1449][M]+	443
18912.14	671584.7		173
14795.77	0		148
1422835	731870.7	[M+H-CH2]	18
612858.5	163495.3	[M+K+HCO	40
213501	1239308		61
658567.4	62591.93		355
159561	658543.1		204
600789.1	274168.1	[M+K]+ 32(	40
25302423	28694554	[979][M]+	190
681459.5	1535383	[M+K]+ 15(	255
1392598	1154893	[707][M]2+ [M+2K]2+ :	25
1292898	1695410		117
352485.4	4697640	[M+Na]+ 3:	199
229582.8	677374.5	[M+H]+ 31:	176
952635.7	996762.7	[2M+Na]+ :	15
1.23E+08	89288247	[902][M+1]+	25
200702.7	61777.51		44
12387.01	547352.8	[171][M+3]+	199
28263.52	41756.92	[2M+Na+K]	116
1592067	1696106		5
486021.6	38547.54	[M+H-CO]+	229
518182.6	614103.3	[M+H]+ 39:	289
278642.2	100125.2		61
234005.3	242719.2		17

548623.7	502989.6	[M+2H]2+	132
397974	35380.42		309
161318.1	1861149		40
131230.6	225569.7	[2M+Na+2I	52
46273594	1.48E+08	[1350][M+5]2+	1
251213.1	46190.22		231
1435264	449751.6		269
6577335	13978124	[771][M]+ [M+Na]+ 4:	119
645672.4	735367.4	[509][M+1]+	257
765432.3	632472.3	[M+Na]+ 3:	221
442146.7	298548.3	[M+Na+NH	96
1818620	2073787	[3M+H+K]2	24
649936.2	86088.99	[M+H]+ 53:	218
133250.2	11402.13		138
1307305	11212395	[881][M+1]2+	206
1202233	1477065		115
348183.5	650246.3	[M+Na+K+I	119
372169.3	687930.4	[1282][M+1]+	289
46662.62	88674.19	[M+K+NaCl	282
1176298	5666290	[M+K]+ 28:	11
383957	42867.4		238
340129	2868041		152
2119259	1986218		1
4127860	23042654		88
1283167	211833.6	[408][M]+	77
1809739	13448097		54
2810144	1632104	[M+K+NH3	11
41574729	44256560	[186][M]+	18
2741304	29379614	[1535][M]2+	7
70064.56	165059.8	[M+K]+ 34:	103
1206091	0		311
863386.1	3717001	[M+2H-C2I	172
16605802	2770911		44
5579558	7330863	[1421][M]+	149
2659948	21455283	[881][M]2+	206
1524964	1057964	[1018][M]3+	206
3.72E+08	5.26E+08		5
72600.29	15118.03	[M+2H-CH:	18
4327508	2522878	[667][M+1]+	272
1105174	1416541	[525][M+1]2+	258
1818542	1332171		21
1241090	1393036	[3M+Na+K]	244
386649.6	742911.7		2
283188.9	108982.7	[M+H-C6H:	119
167389.3	122155.3		23
175880.5	82729.92		104
160258.5	165646.7		376

405295	819908.5	[402][M+1]+	105
15557700	1597585		53
127710	173884.6		228
15769821	59670969		1
1014895	584831.2	[M+H-CO]+	18
19490702	2215528	[303][M]+	51
2201438	2561025		317
604950.3	623028.4	[345][M+1]+	80
5186582	455957.1		135
123457.9	17052.18	[1434][M+1]+	33
458609.4	335067.8		467
438380.9	668674.4		107
0	0		148
5523885	14851745	[1592][M]2+	6
192256	266402.1		204
545872	545462.9	[M+Na+K+]	116
3687613	5148433	[1210][M]+	136
5934552	11622111	[M+K]+ 53:	223
1109779	1498609	[M+H]+ 48:	8
270052.6	191938.6	[915][M+1]+	229
487051.2	778285.6	[M+H+NH3	34
195073.2	33727.07	[1147][M+3]+	29
277863.4	746975.9		54
1901110	2270904	[188][M]2+	151
282397.4	103871.3	[965][M+1]+	33
1676987	1200782	[783][M+1]2+	66
49116.62	10664.49	[M+K+NaCl	18
147790.5	82120.03	[839][M+1]+	207
248971.4	5353635	[M+H-H2O]	40
1001315	93883.9		293
2709536	1098429	[M+K+NaCl	18
38783440	32782544	[M+Na]+ 60	191
8214606	13359388	[1244][M+1]+	12
686139.1	98577.67		293
96322.65	55207.79	[1411][M+2]+	34
1640072	818175.4	[M+K+HCO	18
150321.4	139881.6		249
212342	89349.69		389
2444508	2389593	[M+Na]+ 30	193
78118.2	57682.25	[M+H]+ 51:	208
766299.1	179073.5		236
1417234	3593492	[639][M+1]+	119
16622.85	92197.81		172
41706.09	0	[85][M+1]+	276
1817995	2510189	[432][M]+	136
8438389	35353622		1
146915.8	202911.1	[822][M+1]2+	29

124540.2	1347542		33
12370.03	129865.4		174
229672.9	166663.8	[M+Na]+ 3:	103
438481.9	545842.7		467
345753.8	560047		105
357935.7	866883.3	[1523][M]+	147
57800.56	1042593	[393][M+1]+	55
264982.6	400321.3	[M+H]+ 33:	27
48449.87	82208.26	[2M+Na+K]	49
11309261	29375229		122
435652.6	1235475	[114][M+1]+	255
90859.31	2597147	[M+H]+ 39:	57
11364964	3330637	[182][M]+	10
677113.7	733053	[1358][M]+	186
3.11E+08	1.66E+09		1
1211241	791797.1	[1530][M+3]+	100
2171173	5592070	[M+3Na-H]	119
1877203	850711.6		111
195611.5	149445.6	[M+K+NH3	104
492640.3	236642.1	[3M+3Na+H	254
937845.7	0	[M+H-CO2]	180
313289.2	228342.9	[M+H+NH3	254
245316.7	829284	[115][M+1]2+	2
1142787	1094627	[1473][M]2+	195
326148.9	283278.3		20
4270043	6089885		1
47370.44	0		158
15383354	14872688	[780][M+1]+	115
2253330	3524852	[1526][M]+	144
54750714	52504859	[780][M]+	115
43642.3	40605.63	[2M+3Na+H	199
482128.7	115217.1	[940][M+1]+	300
9170631	7919789		46
694570.5	447267.2		302
456913.3	551931.7		29
1456249	80034.36		19
278350.8	270421.6	[356][M+3]+	18
859228.3	2486368		179
4488306	6509339		4
5598921	18025267		1
523153.4	5532672	[M+K]+ 37:	40
126639.9	1397947	[3M+H+K]2	11
1004498	955882.9	[611][M]+	211
283691.3	6855212		247
55323.89	14335.16		62
833789	595672.5		112
57224.08	97744.33	[M+Na]+ 1:	160

185073.5	121449.8	[M+K+NH3	83
1014660	147387.7	[M+H+CF3O	208
7864093	11470926		14
3073482	2572178	[595][M]+ [M+H+NH3	205
768366.8	1154785		274
653747.1	117773.9	[M+Na]+ 4:	86
2744471	460496.6		149
196088.3	434214.8	[M+K+NaCl	119
13110161	1.01E+08	[1362][M+2]+	1
1077923	89629.96	[965][M]+ [M+K+NaCl	33
525108.5	1331771	[760][M]+	119
168568	19549.31	[1196][M+2]+	177
365336.3	57071.84	[M+Na]+ 5:	176
1250817	137232.5		231
190210.6	19554.95		18
1240260	426160.3	[1495][M+1]+	139
239925.8	269988.7		18
2602483	1376040	[M+2K-H]+	104
701092.2	154230.7	[3M+3K-H]	40
625018.3	583752.8	[361][M+2]2+	29
817376.1	123471.9		276
658199.7	10311571		14
21903.34	0		418
16146827	23112189	[731][M+1]+	11
24730.73	0	[3M+2Na]2	25
91360.83	1295959	[M+H-H2O]	25
3155837	250408.9	[M+H-C2H4	95
4977690	54111029	[306][M]+	152
794916.6	328332.6	[2M+Na]+ :	112
2468202	4999973	[M+H]+ 54:	4
3521718	5848617	[169][M]+	107
241700.3	365818.7		116
3111993	314939.3	[303][M+1]+	51
110470	10597.73	[2M+2K-H]	238
383237.8	325476	[M+H]+ 66:	333
720469.5	28607204		1
7584.015	42830.55	[742][M+1]3+	39
441784.7	300450.6	[M+H+HCC	18
6729613	4458224	[M+Na]+ 5:	189
135327	228111.7	[M+H-HCO	217
10434601	8930814		256
498069.4	555857.7	[735][M+2]+	18
409464.9	70812.12	[263][M+3]+	29
89491.74	177178.4	[3M+H+K]2	119
37382.31	49831.53		211
122974.1	673840	[720][M+1]+	49
5.63E+08	3.23E+09	[1350][M+5]+	1

94406.26	3405629	[M+2K-H]+	31
123663.2	6503340	[814][M]+	152
129718.2	107093		129
951916.2	401908.8	[3M+3Na+]	18
30256.75	1053988	[M+K]+ 37	199
3310218	11461661	[1327][M+2]+	1
133636.8	96461.73	[M+H+HCC	341
1458299	1089581	[1377][M+1]+	29
17153.15	706520.8		173
56086.52	81604.02		330
101079.2	255841.6	[M+Na]+ 3	29
134505	149080.5	[332][M+1]2+	107
648018.8	25035.33		199
1904185	1766118		251
41383918	231844.8	[38][M]+	41
413747.5	490333.2		55
14383728	39038832		6
809498.5	78061.01		49
5E+09	6.51E+09	[600][M]+ [M+H]+ 40	4
1004347	2974063		328
1558984	1115963	[232][M+2]+	14
37402.65	14513.56	[M+2H]2+ !	208
2177038	3452938	[586][M+1]2+	85
787347.5	2291817	[761][M]+	94
1723902	1524738	[810][M+1]+	190
2752796	411466.9		44
2172174	3657856		29
31109451	31729173		219
241370.6	380142.7	[M+K]+ 18	44
32608.67	107075.8		18
5218056	6642141	[395][M]+ [M+H-H2O]	11
3690623	33878542	[1542][M+1]+	206
311367.9	753181.5	[1412][M+2]+	173
340315.3	185730.7	[201][M]2+	18
53960783	3.12E+08	[1457][M]+	1
222902.5	203332.2		44
137575.9	615362.4		435
682685.3	612696.7	[422][M+4]2+	29
148309.5	23821.14		83
29945510	19835612	[270][M+1]+	16
7262752	65341627	[1542][M]+ [M+H]+ 96	206
28376230	18853361		325
1841320	1998673	[M+2H]2+ !	18
216554.1	1188688		81
8645.776	10947.04		255
152564.7	552345.8	[15][M+1]+	104
3731414	7376720		2

50000.44	17683.71	[1411][M+4]+	34
230403.4	200708.4		341
653162.9	749576.5		101
582142.1	11740950	[M+H]+ 38:	55
1140775	1713125	[115][M+2]2+	2
501073.2	515791.1		12
12468.93	0		241
1525455	2887773	[1171][M]+	10
5.93E+08	2.73E+09	[1362][M]+	1
359402.6	685177		147
205328.4	278449.6	[M+H]+ 54:	17
1854153	305437.1		337
20727146	1.12E+08	[1457][M+1]+	1
2397798	390797.4	[182][M+1]+	10
2240427	6339967		1
4.58E+08	3.38E+08	[902][M]+ [M+H]+ 49:	25
400046	830672.9	[1138][M]+	229
80640.26	51150.06		116
1036656	1118863		81
419977.7	539319.1	[M+K]+ 26:	26
523173	308735		23
248434.9	49374.84	[722][M+1]+	58
1196807	1177937	[1345][M+1]+	53
4745011	15860842	[688][M]2+	4
239948.5	151574.8		23
315828.4	101095.8	[M+Na]+ 4:	245
21717228	15191904	[1492][M]+	266
322996.4	98707.51	[M+Na]+ 2:	217
1455543	572121.7	[138][M+1]+	218
6.03E+08	3.15E+09	[478][M]+	1
146954.7	426968		152
478606.5	931653.3		105
6666295	6592103	[847][M]+	147
229508.4	239060.3		151
410104.4	103742	[2M+2Na+]	64
558751	265596.8	[1508][M+1]+	29
2440464	2064428	[1443][M+1]+	29
2362239	1218762		18
141129.5	226686.5		116
93517.46	257928.5	[M+Na]+ 3:	178
107763.7	21345.66		148
2011131	18873327	[972][M+1]2+	211
2458718	1095467	[1034][M+1]+	87
37535.04	216020.5	[M+K+NH3	264
479931.3	405018.3	[1510][M+1]2+	467
179851.1	146181.8	[M+Na]+ 7:	34
890226.6	3032397	[M+K]+ 86:	4

5188023	4743415	[M+Na]+ 3:	100
3706665	33421655	[972][M]2+	211
5428117	5558324	[266][M]+	303
1029951	33044208	[416][M+3]2+	1
291218.7	39314.93		264
4876741	5721123		117
287242.8	19596.85	[3M+Na+K]	215
119961	20537.36		86
300891.3	191787.5	[1411][M]+ [M+H]+ 74:	34
2752854	3973986	[525][M]2+	258
369963.5	32800.46	[M+H]+ 56:	208
287182.4	389995.2		344
3606880	461596.8	[769][M]+	32
110403.4	521865	[M+H+HCC	104
1981446	1642508	[3M+H+K]2	100
1362318	1212889		251
4876029	2591397	[371][M]+	272
284853.4	212643.7	[M+H]+ 69:	76
2721016	3075227	[M+H-CO]+	4
74614689	1.25E+08		38
660556.5	617025.5		456
290499.4	103719.1	[2M+Na+3I	217
2900530	12278362	[59][M+4]2+	4
663185	1042209	[1119][M]2 [M+2H]2+ :	322
10126.37	719654.3		104
49657.85	2829384	[M+H-CO2]	31
937914.3	106275		296
961030	680516.4	[M+H-CH2]	215
0	269392.4		199
5352624	6179417	[1016][M]+	115
223511.1	465657.4		410
129683.7	157916.4	[M+K+HCO	34
271256	149273.4		224
4045238	24119609		30
2865651	143191	[431][M]+ [M+H+HCC	230
1187406	5902690	[59][M+3]2+	4
7025.844	97606.55		288
1103673	3309768	[115][M]2+	2
10068116	7388275		211
489223.1	247528.3	[M+H]+ 68:	31
29136985	32257230	[1133][M]+ [M+K+NH3	75
252224.4	230003.8	[M+H]+ 48:	87
432489.2	5394953	[306][M+1]+	152
1330122	1461474	[482][M]3+	442
118274.4	213017.9		39
241147	258659.4		440
141798.2	7967.666	[M+Na]+ 4:	293

10147189	5159549	[911][M]+	[M+K+NH3	319
644481.9	2407370	[1488][M+4]+		11
8208.611	23885.84			281
209587.2	141117.2		[M+2H]2+	47
358104.6	460667.7			25
1888717	1965948			253
993826.8	916136.1			112
396664.9	608631			317
10336395	10278800	[1004][M]2+		334
835587.6	7736999			1
12170.33	0		[M+2H-C2H	18
19757.71	47384.43			231
409000.8	433985.4			451
337564.8	1611361	[1197][M+2]+		11
6151998	4353153		[M+K]+ 207	180
992864.4	671515.9			151
25777.01	124737		[M+H-NH3]	18
65831.55	287095.1			169
137824.7	80231.35			36
388618.4	182598.2		[M+K+NH3	14
7219240	6597203	[583][M]+		133
800895.6	735048.3	[500][M+1]+		222
622793.2	7030306		[M+K]+ 647	25
78482.92	97104.9			70
356123.8	174102.5	[1083][M+1]+		312
658109.2	611139.5	[834][M]3+		282
1189254	1566911			41
46554.57	17247.32	[391][M+1]+		45
536884.8	277752.7	[1430][M+1]+		29
304023.6	226591.5			11
1.54E+08	1.06E+08	[270][M]+	[M+H]+ 317	16
288579.4	201891.9		[M+K]+ 276	289
1322197	95375.8			93
277732	176217.1		[M+H-CH4]	223
1088701	703285.9	[302][M+2]+		118
1175323	977943.8			2
1615088	723221.7			175
174374.6	329514.6			228
18216988	44628133			53
892431.1	631082.4		[M+K]+ 417	14
131659.9	32559.09		[M+Na]+ 27	119
3940427	3971626	[345][M]+		80
140312.4	2374741			14
867886.1	1212794		[M+2K]2+	76
89869.91	0		[2M+Na+K]	107
2160875	1974660	[353][M+2]3+		232
932355.8	6307141		[M+K]+ 673	18

1319102	1163953		100
2998259	1608070	[M+Na] ⁺ 3	11
1050900	407224.5	[916][M] ⁺	190
554050.5	454487.9		283
1696353	1045282	[770][M+1] ⁺	319
4662933	4329529		17
14378.35	0	[1411][M+3] ⁺	34
483900.8	68148.64		23
66661.61	584257.6		384
12412308	28276403	[331][M] ³⁺	1
10014487	20432843		7
9868232	9558436	[363][M] ²⁺ [M+2H] ²⁺ 1	18
7172229	5599675	[1443][M] ⁺ [M+K] ⁺ 72	29
261924.1	481361.2	[M+2H-C3H]	153
816728.8	1620801	[1453][M+3] ⁺	85
6249142	1999925	[1311][M] ⁺	254
280061.5	243155.8		328
0	10867.07	[M+Na+Na]	34
536521.1	278963.2		24
68290.52	53393.24		263
721248.6	803446.3	[3M+2Na] ²	281
11409428	4976134	[138][M] ⁺	218
4034470	5879597		159
1467093	91241.96	[988][M+1] ⁺	43
17725941	4388449		235
878003.6	774668.9	[M+H+HCC]	18
97378.82	85472.39		302
112192.8	99451.78		58
2584859	930348.1	[1366][M] ⁺	175
460746.3	119116.5		190
1225550	3627166	[1532][M+1] ⁺	7
3685792	1172177	[M+H] ⁺ 41	23
486505.2	88481.58		78
1039579	18077733		1
52794.86	121727		344
3433157	5811193	[M+H+K] ²⁺	4
440904.8	42975.27		113
481429.5	462351.2	[1220][M+1] ⁺	186
8622350	5299846	[770][M] ⁺ [M+Na+NH]	319
122613.1	182651.2		129
216596.3	4744968	[580][M+1] ⁺	14
10386090	15793845	[373][M+2] ²⁺	1
318427.4	936529.8		61
7504328	12803573		313
87637.94	50811.26	[M+K+NaCl]	171
4921035	6465225	[227][M] ²⁺	29
352097.9	1088570	[M+K+NH ₃]	119

162637.3	47783.01		19
1729886	8474780		11
858712.2	1773453	[1489][M]+	167
935030.2	936564.8		40
250607.7	604920.6		164
1254553	1480940		385
122698.3	424234.7	[M+Na]+ 4!	284
934986.3	120974.8	[929][M]+ [M+K+NH3	160
524599.9	305663.9	[360][M+1]+	86
21103.42	20349.4		158
697663.7	1077875	[896][M]+	196
1215506	1194983		8
1033668	242463	[1385][M]+ [M+K]+ 68!	100
2249653	3190233	[671][M]+	283
578409.6	1388395	[M+2H-CO(	11
461958.7	10033663	[M+K]+ 37(	31
619803.2	267412.6		107
4974892	5129476	[149][M+1]2+	60
124527.2	21561.89		57
1882487	1043328	[740][M]+ [M+H-H2O]	223
345640.3	52409.22		359
207273.3	23376.63		204
668112.8	868365.3	[979][M+2]+	190
130290.8	22828.56	[M+Na]+ 7(	29
420665.6	488064		10
190050.4	148261.7	[M+K]+ 69!	34
897708.6	656984.9	[325][M]+	382
80661.23	125525.5		44
0	9824560		98
3424607	2955271	[1227][M+1]2+	191
4036001	1810189	[1379][M+2]+	18
96053.81	284736.1		289
2937066	2337039	[M+2H]2+ :	251
2167914	647904.8	[1240][M+1]+	309
1877951	634169	[1311][M+1]+	254
864178	2470066		70
560869.1	1.92E+08		39
1493947	120501.3		157
401790.1	447368.6		371
11344.07	258632		88
128330.7	59588.59		231
1665080	1112804	[42][M]+	254
445256.8	981549.5	[M+2H-CH:	289
174064.2	307119.8		51
222759.6	137181.4		70
82546098	22845539	[35][M]+	93
109918.4	223375.8	[567][M+1]+	415

79313.64	46031.99		419
3063801	1778768		113
558293.8	1450796		119
916062.4	630424.8		55
166638.3	34948.78		280
24116910	303377.5	[M+H+HCC	55
249203	529426.7	[162][M+1]+	17
536998.5	88402.8	[1001][M]+	170
33299.93	24521.16		86
1654599	1544993	[1135][M]+	96
270105.8	162201		154
1937548	2133938	[397][M+1]3+	25
214805.6	122138.1	[1343][M]+	34
2699146	9647781	[M+H]+ 93	11
4903692	3230236	[1408][M+1]+	29
753464.5	394730.7	[M+Na]+ 6	31
3268723	4410945		131
904933.1	248773.7	[2M+Na]+ :	24
6308201	58642847	[1554][M]+	211
13895277	16668353		252
301539.9	29581.07		111
428317.5	78877.09		326
596132.7	179625.4	[907][M+2]+	223
3413411	31712819	[1554][M+1]+	211
3267088	2551600	[607][M]+ [M+Na]+ 3	107
1812914	142279.8	[1010][M]+ [M+K]+ 49	264
630382.7	154539	[1065][M+2]+	252
453097.3	132389.9	[1301][M]+	34
813754.6	1778219		284
113813.9	113952.5	[M+Na]+ 3	169
8330676	7510839	[810][M]+	190
1415549	1501767	[1220][M]+	186
11198358	12248912	[M+K]+ 25	18
120773.2	1220636	[M+K]+ 37	40
296562.3	371793.2		11
896115.5	799473.2	[3M+H+Na	289
922474.8	382250		371
1960109	8204115		1
3381962	1220457	[M+H+HCC	18
1015910	1037536		401
30953.74	873149.5		103
562998.3	816255.2	[529][M]3+ [M+3H]3+ :	322
678763.3	1040885		158
278803.3	113440.8		112
117062.7	50822.12		18
181867.9	56487.03		252
186865	184803.6		254

807448.4	690168.9		244
4902045	4912115	[M+2H] ²⁺	325
112815.9	42708.41	[799][M+1] ⁺	137
168141.3	232339.1		210
1987935	1526978	[M+K+NaCl]	86
9505507	1739177	[M+H] ⁺ 360	117
547817.7	514145.8	[M+H-CO] ⁺	100
15266542	18849565	[267][M] ⁺	47
88550.42	1805818		17
93991.51	3094193		152
483107.7	365700.1		124
585180.2	366951.2	[M+H] ⁺ 40:	118
3819113	402246.9	[575][M] ⁺	236
687279.3	780783.3	[1490][M] ²⁺	317
569502.1	486864.2		112
19559.76	6574.905	[1411][M+5] ⁺	34
264680.1	59152.78		272
1084316	263401.7		337
2819679	3380068	[1516][M] ⁺	32
5872773	7553684		200
637200	745852.4	[M+Na] ⁺ 2'	155
2649326	2637773	[1396][M] ⁺	11
1014147	579765.5	[M+K+CF ₃ C]	23
1369727	58585.82	[672][M+1] ⁺	136
1112097	865699.9	[335][M] ⁺ [M+H+NH ₃	86
4536271	4509913	[500][M] ⁺	222
44620188	38133603		219
5054010	6885380	[1319][M+1] ⁺	4
376268	522090.2		284
199869.4	79840.55	[M+H-H ₂ O]	218
3046941	1983449	[1413][M] ⁺ [M+Na] ⁺ 7:	17
882492.1	537285.3	[192][M+1] ⁺	224
795422.9	373056.1	[M+2H-CH ₂]	29
182471.7	35782.22		80
473750.4	549525.2	[705][M+2] ⁺	14
40391.15	521495.2	[M+2K-H] ⁺	49
2536621	3503872	[381][M] ²⁺	231
477329.8	74105.65	[799][M] ⁺	137
762511.6	4754349		11
61496.78	15378.91		34
10027157	30594313		1
27916.86	0	[1102][M+1] ⁺	47
1459789	4097325	[688][M+2] ²⁺	4
1403461	996312.5		180
924990.7	1632200	[121][M] ²⁺ [M+2K] ²⁺ 4	107
66994.65	0		149
805511.3	20839.19		216

7640.13	519391.2		288
2902247	2270964	[426][M]+ [M+H+NH3	14
98006.17	2098655	[M+K+NH3	18
357013.5	507669.8	[M+2K-H]+	52
319012.6	769940.7		70
5036985	3978727	[863][M]+	18
1662931	1036850	[213][M]+ [M+K]+ 258	254
3756899	3423794	[1262][M+1]2+	202
299745	262209.7		25
10410152	3980053	[1034][M]+ [M+H-H2O]	87
6143621	33182792	[729][M]+ [M+H]+ 440	49
76814300	4.04E+08		1
403443.7	267455.4	[1430][M]+ [M+H]+ 750	29
1202957	1695637		415
13317511	16893611		200
205310	40305.24		60
342572.2	14474.66		237
101123.3	81082.79		290
4534074	3266408	[2M+Na]+ :	16
9381868	3099963	[1156][M]+	87
376847.6	50046.13		93
23367411	55783498		1
114855.2	0	[1451][M+3]+	29
223106.9	141657.2		68
980602.7	3353401		6
106057.3	2735185	[M+K]+ 510	31
1577504	2550187	[630][M+1]2+	139
169376.5	11644.72		22
6757631	5971121		222
153208.7	162945.8		68
223924.7	352475	[432][M+1]+	136
4580836	6412792	[663][M+1]2+	139
1007746	710189.1		111
346131.3	542528.1	[M+2K-H]+	119
3232092	4293865	[556][M]2+	85
1143855	168022.2		186
1184995	45673319		1
327913.4	379543.4	[495][M+1]3+	245
425412.4	624757.3	[M+H]+ 500	55
1570003	3240148		2
70637.46	14265.57		182
1090624	0	[M+H]+ 470	180
47877.95	19230.67		29
13219225	17139111	[663][M]2+	139
917120	423078	[M+2H]2+ !	18
2593001	817850.7		325
623003.8	579698.4	[1109][M+1]3+	456

303865.5	45338.39		78
557380	433759.9	[1218][M+2]+	29
94897582	7.08E+08	[1362][M+1]+	1
1642675	9745101	[M+H]+ 39	49
325928.8	73778.96	[M+K]+ 54	18
9822010	7615757	[90][M]+	52
60219.33	25617.48		34
12693763	12407579	[353][M]3+ [M+3H]3+ :	232
1350979	547384.3		235
114135.6	128259.4		302
301304.7	70688.9	[M+2H-HC	55
46216.68	6346.589	[2M+Na+K]	138
226650.8	201372.9		119
71290.93	137901.7	[761][M+1]+	94
811726	711299.6	[1361][M]2+	40
480782	191235.8	[1165][M+1]+	47
2505009	1906282		282
1287746	457870.4	[532][M]+	366
2671444	2321089	[363][M+2]2+	18
219089	380448.5		283
857103.6	1635449	[1080][M]+ [M+Na]+ 5:	217
728380.2	951925.5		2
1054592	1020144	[298][M]+ [M+H+NH3	221
100381	332647.5		90
2405317	2767650	[1421][M+1]+	149
1437676	24725247		265
90395.69	77553.95	[635][M+1]+	225
0	226307.7		49
2249615	6490286	[924][M+4]+	11
6980560	7880158	[979][M+1]+	190
229997.3	367487	[M+Na]+ 2:	116
351515.2	379769.2		99
184731.3	180460.7	[M+K]+ 33:	104
1731774	874321.6	[91][M+1]+	49
1213842	1538372	[819][M]+	359
266010.5	236292.9		178
217709	2038035	[M+Na]+ 2:	17
223218.1	183602.7		114
303395.3	126713.3	[2M+Na+K]	66
8274045	7978583		339
825992.5	948903.7		453
611806.8	590289	[1578][M+3]+	100
353102.8	120930		294
3166035	5766636	[505][M]+	41
9834017	8891420	[735][M]+ [M+Na]+ 4:	18
150812.6	31591.75	[M+H]+ 25:	95
3279231	9886380		1

294149.7	324578.7		86
82346.88	310868.8	[402][M+2]+	105
946751.4	754524.1	[363][M+4]2+	18
15054473	10338959	[193][M]+	49
293096.3	228589	[M+Na]+ 3:	83
237819.1	49169.06	[1451][M+2]+	29
2624688	59422.65		216
738180.4	375939.8	[M+Na]+ 5:	17
182070.1	3179347		1
1042742	1033877	[460][M+1]+	29
7143324	2939502		75
273163.8	290382.1	[292][M+1]+	49
21427659	20119028	[1428][M]+	175
2234720	2430459	[422][M+2]2+	29
427032.8	12076990		6
549666.5	362018.6	[1135][M+1]+	96
391036.9	812320.6	[M+K+NaCl	119
5871683	6368675		312
800624.3	3457254		67
1216601	288840.1		432
116607.9	0		18
33472976	28430611	[M+Na]+ 6:	251
221528.4	92190.61	[1466][M+1]+	171
480582.8	367506.1	[M+K+NH3	118
674726	8357206	[1525][M+2]+	203
1776053	322268.9	[1548][M+1]+	25
379732.8	244469.5		426
531766.4	1864586		69
170978	105937.3		354
2283566	10612401	[962][M]+	11
1053152	310225	[3M+3K-H]	104
721426.1	1793830	[771][M+1]+	119
4398375	1363538		398
710580.9	362927.7	[3M+2K]2+	104
607875	8572940		365
6968207	866470.5	[672][M]+	136
4629564	9769967	[1527][M+1]+	252
115326.8	127870		239
64815.58	9293.093	[948][M+1]+	217
159611.9	203218.9	[12][M+1]+	88
17510266	40287021		1
2897084	2191356		213
23111708	42858592	[31][M]2+	1
438672.7	268977		398
467116	154997.6	[850][M+1]+	236
226814.3	1453207		49
1322992	1446725	[3M+2Na]2	312

79253330	1.85E+08	[56][M]2+	1
889102.4	1013957	[M+H]+ 65:	100
20866757	17242896	[356][M]+	18
292454.7	6753854	[1359][M+2]+	1
13514968	28363515	[1484][M+1]+	139
137521.5	439601.5	[M+Na+HC	55
82533.73	368849.7		315
87732.11	47124.92		173
107099.3	1243061	[1399][M+1]+	29
11485.25	0		66
420631.9	529985.3	[1055][M+1]+	49
61103.77	926923.9		124
478989.5	4104461		1
1139635	1539603	[567][M]+	415
1298363	1012601	[583][M+1]+	133
494113.7	540948.7	[M+K]+ 240	17
195595.7	74738.04	[M+Na]+ 50	18
141456.8	1135474	[M+H-CO2]	119
1807634	1802680	[M+K]+ 332	4
864374.3	767112.4		216
2109024	1098968	[911][M+1]+	319
1610305	5432812		53
276700.2	737500.5	[2M+Na+K]	209
610486.5	788070.5	[319][M+1]+	204
2591277	1005132		2
32266433	64422920	[1484][M]+	139
13796529	15281591	[870][M]2+	301
311034.7	9552529		1
75518.42	146287.7	[M+H]+ 77:	264
784032.1	561347.8	[M+2H-CH3	27
2798216	5258531		233
3185612	2143326	[790][M]+ [M+H+HCC	104
1912791	1275931		2
103769.4	3114846		17
210430.3	236933.4		235
67260.14	92859.76		378
1138444	564758.7	[1353][M]2+	195
99464.05	38519.32		231
2352392	2068351	[M+K]+ 278	16
602589.3	68627.14	[1427][M+2]+	29
227070.9	63194.79		104
59441.74	46938.71		296
106277.6	44622.01		78
1255950	1212521	[M+K]+ 273	25
135070.5	65287.77		105
5139288	4802422	[265][M]+ [M+Na]+ 21	243
663018.6	1125885		354

1.53E+08	2.03E+08	[600][M+2]+	4
1588910	581946.8	[M+Na+Na	14
3418051	163456.5	[M+Na]+ 1!	16
15636195	6682165	[1219][M]+ [M+H]+ 62:	18
1042166	488255.4		285
4406210	4240744		339
1875558	893614.3		272
3723483	7129601		1
7856915	16980240	[1509][M+1]+	200
2435946	5441191	[1540][M+1]+	301
3364850	3865618	[397][M]3+ [M+3H]3+ :	25
595379.6	215699.2	[385][M+1]+	365
184059.9	49598.91	[M+K+NaCl	107
859292.2	417499.1	[140][M+1]+	19
935134.3	1652028	[1572][M]+	70
5340471	2052444	[1101][M]+ [M+2Na-H]	29
1403620	849017.6	[1414][M]2+	12
75706.27	37818.6		105
520623.3	647029.2		405
863450.4	771153.5		210
161784.3	4337224		1
247805.2	1284609		45
539314.5	533672.6	[707][M+2]2+	25
795750.6	213719.1	[3M+2K]2+	18
7531958	2387297	[1240][M]+	309
58112112	1.11E+08	[1453][M]+	85
6210131	7213401	[870][M+1]2+	301
627072.7	346126.4		104
2741701	0		180
465300.2	12800070		289
279918.6	234904.6	[M+K]+ 49!	264
1255222	1664006		200
153086.3	404409.3	[882][M+1]+	119
962842.2	1647586		314
101529.9	5934735		1
4297136	7808680		38
1120887	595399.2	[1396][M+1]+	11
101984.9	80628.72		62
7215262	8129545		242
4866565	12322435		1
18310748	38373320	[1509][M]+	200
14940814	57011494		1
2207743	195370.5	[M+Na]+ 3:	121
681599.2	700380.7	[M+H-CO]+	333
76758.69	126944.6	[2M+Na+K]	55
1661392	1906117	[1039][M]2+	337
242277.1	270506.6		282

1015798	221856.2	[M+H-C2H4	55
253896	210021.4	[181][M+4]+	29
770911.7	348560	[1163][M+1]+	29
10543461	9196949		201
489322.3	298598.6	[170][M+1]+	72
2079436	871308.2	[854][M]+ [M+K]+ 44	319
1165018	963415	[1351][M]+	114
183831.3	226849.7		93
1613369	911634.9	[1444][M]2+	71
966816.1	79697.06	[769][M+1]+	32
423109.2	555373.4	[M+H]+ 24	289
102423.8	125388		26
440817.5	194044.6		236
1134494	2526987	[1527][M+2]+	252
1284341	628898.8	[1101][M+1]+	29
9982790	21628747	[1527][M]+ [M+H]+ 90	252
2165045	13608729	[808][M+1]2+	11
357216.6	61910.66		91
12918793	12821604		312
642538.7	463764.1		155
714692.8	667323.6		289
341514.3	1031240	[1489][M+1]+	167
14995123	8405865	[91][M]+ [M+H]+ 24	49
8080898	8327355	[353][M+1]3+	232
318398.3	413654.3		178
502859.4	125058.2		175
208928.8	691937.2		111
664500.7	2229167	[580][M]+ [M+H-CH4]	14
123128	137420.2	[904][M+1]+	54
219556.4	220325.7	[M+H-CH3]	232
1550136	2284153	[659][M]+	41
2073687	2388327		9
1720435	726272.5		2
74602.77	9733.613		61
253355.9	233779.1	[298][M+1]+	221
1579192	2699059	[777][M]2+	210
354195.4	410729	[M+H-C6H8	17
2620764	6395647	[1550][M]+ [M+H]+ 99	312
3733812	1697347	[1219][M+1]+	18
294440.1	50076.8	[M+H-CO]+	29
34876.62	7592.033	[1454][M+3]+	47
112456.9	90093.5	[635][M+2]+	225
198367.9	203612.3		245
106332.9	124239	[458][M+2]+	313
865366.9	15999287		1
2540033	603009.9	[M+K+HCO	18
1854385	990391.3	[1165][M]+ [M+2Na-H]	47

534926.1	191867.3	[936][M+1]+	213
6000672	7565650		252
23694086	46044153	[1453][M+1]+	85
7.1E+08	1.56E+09	[553][M]+	9
73475.7	223812.6	[M+H+HCC	255
58876.81	1061299		306
91885.21	6398358	[M+K]+ 517	289
16204476	25636250		4
304524.2	3144718	[M+K+CF3C	119
63363.67	141252.2		119
6311810	6609750	[186][M+1]+	18
762663.7	1099147		284
122669	773228.9	[382][M+1]+	49
156216.6	152063.2	[M+H-C6H:	49
764490.7	6126064		6
907686.4	9039100		1
1813354	4005193	[1509][M+2]+	200
1527493	1631524	[3M+2K]2+	252
1588787	879084.5	[M+H]+ 27:	245
455398.6	386569.7		23
36878	41896.18	[M+H-HCO	199
4179268	4179415	[1209][M]+	288
142800.2	51539.98	[1001][M+1]+	170
681673	10807054		1
283186.1	101003.2	[M+2Na-H]	138
253434	379164.3		152
337719.8	534873	[M+H]+ 33:	96
1673053	33414213		1
1253689	7052468		1
112378.6	52218.32	[M+Na+HC	116
401744.8	197839.7		29
162877	383964.9	[1393][M]+ [M+H-COCl	264
119986.4	248907.5	[257][M]+	35
389281.8	3652792		1
13069632	23393815		54
1002664	1033933		407
724723.6	4453634	[1235][M+2]+	130
6185177	1118543	[125][M+1]+	93
1445288	7177644		1
23929.04	2722550		1
440410.8	3486586		6
884628	1103401		2
647414.4	603380.6	[971][M+1]+	88
77757.31	1150990		152
15968393	3.49E+08		1
3488811	12118271		184
63772.64	37335.81	[916][M+1]+	190

129966.4	127629	[3M+Na+K]	31
11957063	2289462	[35][M+1]+	93
484173.3	494000.5	[1510][M]2+	467
750637.6	248183.2	[M+H]+ 71!	100
91341092	4.64E+08	[478][M+1]+	1
271835.1	349992.3	[M+H]+ 26!	31
92003600	1.79E+08	[1397][M]+ [M+H+NH3	64
9689070	1.8E+08		96
3076099	6554365	[1484][M+2]+	139
3420272	3200240		112
176563.3	350834.5	[1224][M+2]+	49
710902.2	1074158		12
67437.61	587698.2		291
176291	269749.4	[M+H]+ 23!	284
41380.28	348616.5		152
794922.8	634835.7	[1473][M+1]2+	195
87971.87	35177.27	[M+Na]+ 4!	160
236552.8	5208303		1
113810.2	363825.2		255
976108.9	616666.9	[193][M+1]+	49
723122	399105.3	[863][M+2]+	18
38129373	42038303	[1328][M]+	1
66918870	3.67E+08	[730][M]+	9
25390.44	622718.8		199
1983838	2086538		325
54647.81	30189.45	[M+H-CH4]	34
2471162	767136	[1156][M+1]+	87
100969.2	164013.6	[1296][M+2]+	49
567050.5	1127192	[M+H-CH4]	119
131676.5	118067.5		41
74092.39	215438.2		170
38230325	9083067	[125][M]+	93
563836	51641.79	[1454][M]+	47
0	4281457		6
128838.7	119697.8	[M+Na]+ 8!	34
11350630	1135388	[812][M+1]+	132
1351654	114865.2	[812][M+2]+	132
410405.2	174029.7		64
641038.1	16767285		1
3602065	4489018		1
391156.8	7327209	[M+K]+ 74!	31
113535.1	327350.4		381
134312.2	220210		183
9462733	6459347	[M+2H]2+ :	100
140539.2	519735		44
311683.5	349129.9		225
86967.35	96708.64	[213][M+2]+	254

19204995	26611723	[M+2H] ²⁺	232
188233.2	142429.2	[M+2K] ²⁺	87
15126735	54681368	[1398][M+1] ⁺	1
35539490	4029902	[812][M] ⁺	132
6079676	8415456	[820][M] ⁺	2
41109.05	569576.8	[487][M+2] ⁺	209
64139924	29977725	[1130][M] ²⁺	18
1401910	1350677		372
2605378	1426599	[1163][M] ⁺ [M+Na] ⁺	29
1338955	1335585	[1100][M] ²⁺	222
56340.26	424337.4		240
7283986	5005985	[629][M] ⁺ [M+K+NH ₃]	319
1712877	1738161	[230][M+1] ⁺	16
5884587	3488721	[1342][M+1] ⁺	25
18925276	18694827	[1566][M] ⁺	11
757340.3	1925898		210
100846.3	2410052		31
290085.8	152800.1	[1351][M+1] ⁺	114
4554894	10211139		167
284216.2	238936.8	[M+K+NH ₃]	16
113272.1	203666.5		138
535350.3	1052849		60
7180884	16111819	[1397][M+2] ⁺	64
5753468	7155224	[630][M] ²⁺	139
6416826	4164970	[192][M] ⁺	224
407690.9	325673.3		29
81235.05	67906.57		355
237286.6	137623.7		176
312816	585687.3	[227][M+3] ²⁺	29
8043792	7527040	[1428][M+1] ⁺	175
697888.6	1310737		107
836642.3	11931346	[474][M+2] ⁺	1
1658029	852180.5	[1032][M] ⁺	29
1459183	696220.8		208
63494.49	612372.9		173
635306.3	8612302		1
323944.5	766273	[M+Na] ⁺	217
183763.1	320074.1	[M+H+HCC]	262
1855087	2412270		429
2449045	227427.1		124
546744.9	969544.4		69
311630.4	208165.6		345
1.1E+09	1.48E+09	[600][M+1] ⁺	4
90591.02	141458.5		44
105482.2	20141.26	[289][M] ²⁺ [M+Na+K] ²⁺	47
31856.44	758779	[814][M+1] ⁺	152
3343868	3490364		150

258875.9	285346.2	[388][M+1]+	354
17834.29	120280.9	[1393][M+1]+	264
608214.5	1105179	[1572][M+1]+	70
3353766	808727	[1548][M]+ [2M+H]+ 4!	25
6606360	5585315		411
4327254	3747096		355
743931.7	815086.6	[266][M+1]+	303
324354.1	320981.2		104
12679316	8100653	[333][M]+ [M+K+NH3	49
36450.8	109374.3	[M+H]+ 31!	221
19113.63	2565314		1
667579.5	231781.2	[318][M]+	223
735721	900225.5		121
3072451	4246583		1
956408.8	464699.1	[734][M+1]2+	62
228705.7	230047.7		33
7069.657	513250.9		152
5297024	5559251	[1004][M+1]2+	334
2893502	5952028	[758][M]+	314
689952	513314		276
111687.8	8213.599	[1451][M+1]+	29
2084037	1495530	[1492][M+2]+	266
1189082	1633358		1
1137275	826629.5	[629][M+1]+	319
1719692	1213818	[3M+H+K]2	188
22982657	19975752		85
2044644	498849		93
125043	14161.38		62
268817.4	267284.3	[M+K+HCO	26
681492	82152.37	[M+H-H2O]	76
53591.45	74055.74		333
5023954	10161163	[1453][M+2]+	85
129732.3	88210.48		66
42495.4	168950.7		363
117201.1	110203.2	[846][M+2]+	110
40431.11	2574021		1
36040068	71434806	[1397][M+1]+	64
11386461	29222577	[555][M]2+	1
7172623	3061500	[140][M]+	19
270481.7	5238460	[1399][M]+ [M+K]+ 69!	29
167068.4	566887.3		142
628774	291347.7	[M+Na]+ 3!	237
3.5E+09	10783098	[602][M]+ [M+H]+ 40!	4
100714.7	138637.1		35
262484.7	335984.2		341
655322.4	574106.8	[635][M]+	225
3918649	11445635	[1299][M]+	12

1499288	1717875	[1016][M+1]+	115
651790.8	17579650		1
349145	26940.77	[575][M+1]+	236
654974.8	1630723	[1540][M+2]+	301
1.35E+08	30332039		7
3306231	1726076	[161][M]+	179
372602.9	6463378		1
122169.1	5076936		1
81245.8	153987.6	[1138][M+1]+	229
153414.4	33165		62
129127.3	5587085		1
5044078	11691488	[1540][M]+	301
941836.1	477553.4	[1493][M]+	11
232181.1	208316.9	[M+H]+ 34:	116
1330406	3305370	[1557][M]+	334
985607.8	842692.7	[1459][M+1]2+	167
3223257	3021148	[1186][M+1]2+	100
96075.24	555557.7		39
498611.2	1675165		315
603372.3	900856.3	[1204][M+3]+	12
472417.6	8523490		1
12873302	64952670		91
347977.4	291844.3		135
1277395	3100011	[1299][M+1]+	12
607684.8	723116.6	[1100][M+1]2+	222
784451.8	11180277		1
646015.1	459304.7		268
123607.4	6862984		1
1132646	966758.3	[1459][M]2+	167
7871932	7842826	[458][M]+	313
453707.9	178938.2		114
731305.7	19439233		1
288320.6	200914.9		274
51573.22	46131.41	[M+H-C4H8]	49
159567.2	638397.7	[M+2K-H]+	49
4796381	649893.2	[1065][M+1]+	252
33284.5	9347974		1
200852.3	200606.4		291
963640.8	23274463	[1431][M]+	1
4885552	4639646	[1471][M+1]+	175
31893.44	122752.9	[M+H-CO]+	104
226652.6	122740.4	[691][M+2]+	221
107232.8	1263633	[M+K+NH3]	119
0	3562599		59
1239323	1067321	[676][M]2+	266
134117.9	272880.2	[671][M+1]+	283
1334527	1267804	[M+Na+NH]	57

122344.8	128284.1		88
550385.3	3383186		6
668723.4	6365336		1
1088383	2177018	[1397][M+3]+	64
34435.72	4624301		6
1821464	4156305		407
911324.3	13326578		1
3356117	12075817		1
174213.6	1961313		1
7473162	3728789		80
1770067	3861004		1
604843.3	1098153	[733][M+1]+	71
630351.8	365747.1	[311][M+1]+	300
26491.36	442712.1	[118][M+1]2+	55
297550.2	128875.8	[1032][M+1]+	29
128276.4	280790.5		49
914535.8	24082457		1
1045423	10454348		1
761751.4	723425.4		33
462269.2	11586285		1
354500.9	1201962	[1563][M+1]+	339
629781.7	800121.9		170
0	6899727		6
11098335	7609593	[M+2H]2+ :	189
1509733	2895096		72
461245.5	750902.8	[M+H]+ 270	243
1695769	2155950	[227][M+2]2+	29
35825.8	7929698		6
66779.9	4175321		1
72685829	86678114	[1388][M+2]+	11
118320	360850.8		61
706454.3	901263.7	[1073][M]2+	442
271422.7	231660.6		130
174635.4	411418.1	[534][M+1]+	49
170714.7	448541.2		41
1866569	999179.1	[M+Na]+ 7!	25
1920160	2635757		2
63894.57	44331133	[299][M+2]+	103
1088243	25540847	[1314][M+1]+	1
101329.9	68732.74		324
11050009	13713762	[490][M]+ [M+Na]+ 3!	66
0	254957.5		104
979047	23389528		1
172416.2	254773.1	[M+H]+ 28:	104
6070415	9993871	[1245][M]+ [2M+H]+ 3:	4
949474.5	1234793	[882][M+2]+	119
244541	129497.7	[M+2H-CO]	104

252481.5	414989.2		73
499990.1	471971.6	[127][M+1]+	76
1342560	150153.2	[575][M+2]+	236
928568.9	8224197		1
140060.6	1769951	[2M+H+K]2	95
565207.1	2847721	[720][M]+ [M+H]+ 43!	49
933357.6	1355606	[556][M+1]2+	85
1399572	1801030	[683][M]2+ [M+2H]2+ !	101
100043.1	239287.2		52
2605268	2433333	[363][M+1]2+	18
11539741	15815596		232
1018756	1051094		114
533820.8	9030898		1
173850.2	53371.72		170
4315229	5307679		6
11775.46	214156.5	[M+H-C3H2	199
187145	236295.2	[M+Na]+ 2!	55
485375.2	14797887	[1279][M+1]2+	1
5840507	4614994		211
94828.33	146735.4		26
842983.9	4438635	[M+Na]+ 4!	11
91258.87	45377.72	[M+K+CF3C	116
951382.2	23470925	[374][M+1]2+	1
1848971	2353518	[186][M+2]+	18
430876.2	7637909		1
10438029	9443504	[1217][M+1]+	75
52183936	1.08E+08	[1288][M+1]+	1
617699.6	4730820	[400][M]+	103
206582.8	136234.1		104
1808739	889158.7	[734][M]2+	62
1246312	3132666	[1550][M+1]+	312
831475.8	6977413	[33][M+1]3+	1
863790.4	2726579		61
21111771	12714633	[1342][M]+ [M+H]+ 69!	25
417641.1	606800.6	[564][M+3]+	217
149407.8	14400.76	[303][M+2]+	51
613243.5	6490163		1
331733.5	888935.4	[3M+Na+K]	289
93255.43	6013457	[M+H]+ 49!	29
245932.6	5668486		69
131891.6	155406.6		306
824424.6	720355.2		329
830782.2	1278353	[381][M+1]2+	231
237487.7	613992.8	[561][M+1]+	264
699382	303727.8	[M+Na]+ 6!	29
4918640	13898138	[906][M]+ [M+K+NH3	310
23420.28	4564931		1

722645.4	572709.8		17
524975.2	948581.8	[M+Na]+ 2:	104
10604152	22379426	[362][M]3+	1
219038.7	9971842		6
450498.6	136745.6	[2M+Na+K]	60
331322.7	369661.3		94
2.89E+09	3.33E+08		6
439558.6	559187.1	[1214][M+3]+	73
0	4969254		6
2895340	21521736		1
1155162	1233906	[2M+H]+ 2:	104
776653.4	470030.9	[790][M+1]+	104
2999353	2958909	[M+Na]+ 1:	104
35853.66	4919431		1
8945223	32373440	[1026][M]+	226
15345204	30526068		1
303433.2	32705.63		110
406935.1	8003624		1
0	5003648		6
623919.1	731323.7		149
1.02E+08	2.28E+08	[1333][M]+	56
224238.1	2298127		1
816472.1	821366.1	[482][M+1]3+	442
2278167	2105708		334
474158.5	1305667		16
290868.4	240677.7	[1353][M+1]2+	195
75657.81	102989		71
2696721	8228607		7
35821.55	9817.188		18
2100565	1804762	[1211][M]2+	436
71858.44	2452985		1
0	461184		104
687540.9	1874758	[1563][M]+ [M+H]+ 10:	339
471339.5	3642841		167
827152.9	922285.9	[263][M+2]+	29
728587.2	214054.7		304
1922178	1220088		256
573597.3	506568	[M+2K-H]+	29
362463	45477		240
855706	660693.5		174
999746.9	16508282		1
824959.1	1399454	[M+K]+ 18:	264
1758899	44225746	[1279][M]2+	1
3649196	4097095	[551][M]+	213
947844	100487	[M+K+CF3C	110
13039.9	12672.06	[M+H-CH3]	18
3017324	4269954		12

154789.8	4713705		1
4802957	12977322		72
1210862	2131891		66
14442818	18539923	[1360][M+2]2+	1
54458.59	4683931		1
1198983	1584944	[227][M+1]2+	29
1529739	32199618		1
98799672	1.26E+08	[480][M+1]+	4
0	635587.5		152
217839.5	351179.3		29
1093909	783916.4	[90][M+1]+	52
818631.9	23641122	[1356][M+1]2+	1
355107.6	20620073		1
1269879	506539.8	[M+Na]+ 5:	11
34686831	30555026	[1295][M]+ [M+K+NH3	205
2527092	11301168		7
174023	19483970		1
694703.6	180939.8	[1366][M+1]+	175
1962570	1022677	[M+H]+ 65:	252
126811.9	520400.6		49
1422771	1339479	[780][M+2]+	115
777450.9	831981.2	[1495][M]+	139
214785.3	568662.8	[1555][M+1]+	450
213250.1	3885402		1
165471.9	196135.9	[1449][M+1]+	443
5766754	332694.8		124
2787649	52073403		1
247028.5	199515.5		244
889320.8	212137.2	[M+Na]+ 3:	171
361284.6	297725.7	[2M+Na+K]	26
14246671	1950266	[1065][M]+	252
0	3660433		1
1979872	29487660		1
26523.54	472048.4	[797][M+1]+	55
75377.2	7763023		1
868324.6	668963.5		188
2238537	2391923		406
804241.2	1467125	[M+H]+ 31:	4
430659	8068625		1
37182.01	842241.5	[M+K+CF3C	199
5634357	47399368	[1445][M+3]+	1
248255.8	333378		129
954213.2	15572167		1
467930.8	10427662		1
223257	103640.5	[M+K]+ 33:	112
80825.63	188639.6		105
4629950	585829.1	[912][M+1]+	212

107347	33193.36	[M+2Na-H]	76
503584.3	1351163		72
268513.2	7902362		1
91650.61	211563.6	[M+K]+ 378	238
1143221	37287274		1
700293.7	22313871		1
158732.7	4329246		1
4871997	3900826	[2M+Na]+ :	213
106277.7	9078105		6
205455.6	1129875	[1474][M+4]+	64
430496.8	2989690		1
106963.3	155529.7		49
800339.6	3596326		174
400256.1	19937270		1
2161026	4055187		356
808801.1	1003007	[461][M+1]+	47
242801.6	526997.3	[M+H-CO]+	289
472821.3	479755.3	[503][M]+	93
1072397	3649963	[985][M]+	226
120062.1	139020.8	[M+Na]+ 5·	49
135623.2	220411.1	[M+Na]+ 4·	49
89242.86	1375886	[1359][M+3]+	1
2853496	6814950	[1520][M]+	210
31659.65	3275994		1
962388	1122247		217
248243.7	33582.11	[948][M]+	217
0	2869843		1
155064.6	4608743		1
16248891	6635015	[1130][M+2]2+	18
28499223	2795941		198
16791055	44994221		1
1587444	793566.4		227
3283526	1328107		295
961389.6	632166.6	[1413][M+1]+	17
311413.1	1119473		23
1087334	1222268	[1516][M+1]+	32
5541931	9013123		1
2543899	5786460	[555][M+1]2+	1
9418055	10730885	[576][M]+	2
1475420	50913381		1
5119603	64870688		1
8366163	25566807	[1475][M]+	248
1646502	530981.6		362
292072.7	409260.1		231
139106.1	211094.8	[M+3H]3+ !	144
171678.9	74434.07		380
1098570	1204197	[470][M]+	415

57360.67	153331.1		457
484598.5	7666621		1
7342601	8617222	[358][M+1]+	4
125970.7	48148.34	[679][M+1]2+	134
12977033	12880877	[1566][M+1]+	11
653718.7	142256.1	[1451][M]+ [M+Na+HC	29
7150.713	162531.4		409
2434316	1736312	[1446][M+1]+	47
115455.4	3419360	[2M+Na]+ :	289
1256082	32618843		1
1127489	806393.7		149
997125.9	22093339		1
1046158	2419186	[1546][M]+	429
979692.3	433399.5	[830][M]+	35
89283.21	6625511		1
102679.1	5368428	[M+K+CF3C	199
62356384	58456869	[1418][M]+	134
1156424	2060935	[M+Na]+ 7!	8
1344551	23310002		1
156795.9	471098.5		354
768869.5	1168991		407
837492.9	5170928		11
328656.1	678378.9	[M+Na+CF:	289
101759.9	5786002		1
140750.1	4162265		1
1046864	810530	[M+Na]+ 3!	244
472528.7	999018.2	[1507][M]+	113
397653.4	710239.1		70
662484.8	9014038		1
237927.7	106610.7		433
2089991	32089742		1
600134	1374716	[1555][M]+	450
1674879	1935181		105
4945219	1000342		287
3224998	1633866	[M+Na]+ 4:	319
590691.5	131369	[M+2K-H]+	213
3766934	3214360	[M+H]+ 28!	237
934387.6	1102541		11
525767	23608442	[1558][M+1]2+	6
388951.3	132133.6	[857][M+2]+	151
1358582	2300498	[M+2K-H]+	86
1946276	3505041	[1241][M]+	10
402906.1	475625.6		170
36215753	85863403	[1333][M+1]+	56
4520627	42133217	[730][M+1]+	9
1006075	3388136		8
144149.2	2403956	[M+K]+ 72:	47

630946.6	52410.73	[M+H-CH3]	60
291323.1	15741199		6
1394790	1945641		11
2747373	2119601	[1250][M]+	338
61783	26865.39	[1157][M+1]+	300
830117.5	883389.2		70
6955854	8920922	[323][M]+ [M+H]+ 320	11
22079336	9931046	[886][M]+	62
1446470	1529422	[M+H-C3H2]	312
1456228	1449843	[274][M]2+ [M+2K]2+ 5	118
845866.3	684151.1	[611][M+1]+	211
80317.33	83955.4		77
867087	1470425	[1526][M+1]+	144
70537.96	140369.3		398
1277628	1019071		188
4729587	77483331		1
195612	884962.6		26
1558388	1487855	[847][M+1]+	147
19357228	20564139	[184][M]+ [M+H-H2O]	27
485140.3	1209754	[1546][M+1]+	429
153277.9	181587.6		62
1609665	15720375		1
284418.1	140515.7	[M+K]+ 350	64
38723.55	3778202		6
1163329	2712727	[M+K]+ 440	310
79283.73	137162.2		55
6778986	4895366	[1446][M]+ [M+K]+ 730	47
1123731	3416153	[906][M+1]+	310
3484377	4003097	[461][M]+	47
125775.3	4787037		1
416186	659322.4		167
1466768	1227704	[M+2H]2+ 1	339
2528944	61079482	[1276][M]2+	6
2004412	58293188	[1276][M+1]2+	6
5846610	7229844		200
902931.7	181613.8	[2M+Na+K]	23
320036.9	53881.55		24
2043617	5786387		389
1869679	632199.8	[M+Na+HC]	199
754936.1	739162.2		70
188750.3	5577675		6
1193944	6263050		1
297021.9	542679.5		69
21774072	1.28E+08	[478][M+2]+	1
44134381	1.79E+08	[1398][M]+	1
279596	676458.4	[1436][M+1]+	129
717639.3	2348232	[1475][M+2]+	248

871538.9	630671.6		456
479263.7	372449.3	[716][M+1]+	24
533870.2	12257148		1
368890.6	799807.1		117
2597107	2110046	[204][M]+	231
491027	334432.3		285
5972550	7622854		174
16966.37	371823.7		137
2465850	50317396	[474][M]+	1
2550408	2197548	[1337][M+1]+	227
1203322	30621178		1
224125.8	485976.4	[659][M+2]+	41
856670	12245895		1
1415889	1913903	[181][M+1]+	29
1864676	3054129	[980][M+2]+	11
706811.8	1655991	[1436][M]+	129
649545	394849.6		100
797717.8	17499412		1
24671300	1.47E+08	[1571][M]+	7
3515907	26305762	[1356][M]2+	1
3201646	10608077	[1475][M+1]+	248
439380	523537.1	[786][M+2]2+	29
632665.2	1175529	[777][M+1]2+	210
58879.51	151256.6		113
179837.7	17026690	[1558][M]2+	6
1233365	1550505	[490][M+1]+	66
1612758	1585541	[405][M+1]+	245
756297.1	10613179		1
1980092	8952786	[M+H]+ 34:	178
2009696	48203857		1
625558.6	19180006	[1328][M+1]+	1
307727.7	782257		41
2642144	2995635		57
1963264	40488831		1
10978829	7603844		1
127691.5	168741.2		114
8845449	10090534		1
5760033	20147357		1
675187.9	679181.5		37
465114.4	899202.8	[332][M]2+	107
1780052	1396117	[846][M+1]+	110
233575	2661289		1
1791785	1391241	[933][M+1]3+	249
368307.1	683471.7	[1363][M+1]+	70
71013.89	165000.5	[168][M+1]+	245
342210.8	793995.2		207
693805.8	424641.3	[235][M+2]+	40

779324.5	533797.9	[558][M+2]+	254
401131.7	22613.86	[1548][M+2]+	25
1289118	1557884		105
719560.9	866265		377
940749.3	929949.1		54
2551004	7292280	[415][M+2]2+	1
603349.4	1847073		372
13344519	48579787	[1438][M]+	123
533074	1573524		2
146796.1	289259.2		101
85129.32	3126945	[M+K]+ 74	31
292300.6	2940164		1
1155717	2151262		190
969931.7	21177237	[1327][M+1]+	1
658804.1	166943.4	[M+K+NH3	23
1649810	2778515		1
831475.8	9007687		1
1758704	5759388		1
558925.9	1213685		389
2043432	11333163	[M+K+NaCl	8
548554.5	686342.6		11
2031252	3000892	[1245][M+1]+	4
35749003	2.37E+08		6
142405.6	87654.29		93
40437.87	12556.58	[M+H+HCC	34
1101242	12273019		6
412620.2	2151512	[1258][M+3]+	45
2555494	18508371	[1571][M+2]+	7
15442641	1967664	[912][M]+	212
3586475	1495490	[M+Na]+ 3	86
4324237	1925260	[1486][M+1]+	11
888207.5	21960268		1
1367582	9635557		1
276583.2	529017.1	[M+H-HCO	104
1252152	3230394	[1520][M+1]+	210
119879.4	180476.4		364
1636613	1837160	[M+Na]+ 3	177
508978.7	7201403		1
6329415	29736796	[808][M]2+	11
14696900	14765422	[230][M]+ [M+Na]+ 2	16
2056703	2971790	[669][M]2+ [M+2H]2+	137
88700.35	1501539		152
6192052	5449010	[2M+H]+ 2	112
987807.5	17210786		1
576872.1	907303.1	[683][M+1]2+	101
558946.2	161427.7		191
2167288	3452516	[1497][M]+ [M+H-COCl	11

284426.6	19694915		1
413299.4	208108.9		246
1012653	991524.6		151
119472.1	98748.94	[503][M+1]+	93
92672.29	12772476		6
151873.9	353985.7		348
406354.3	661756.3		111
313391.3	568164.5		49
3231039	21143145		1
777728.4	653549.7	[578][M]2+	104
1628344	3063518	[M+H]+ 71	64
1144603	3661400	[1272][M]+	26
7766482	5472705	[846][M]+	110
261425	151271.7	[821][M+1]+	199
385000.4	1223081	[M+K+CF3C	240
623608.6	4945718		4
413777.9	103403.1	[M+H+HCC	18
169240.8	61602.13	[830][M+1]+	35
298186.2	12318706		6
2651910	3351106	[423][M+1]2+	1
98486.02	50508.89	[1043][M+1]+	41
734620.9	945399.1		176
104627.2	6482085		1
79828.15	888964.7	[462][M+1]+	104
3548270	329845.7	[950][M]+	47
4279726	10560150		28
1123858	31765268		1
575612.4	10388316		1
1060758	883321.8	[558][M+1]+	254
438775.7	10400076		1
8970363	1.06E+08		1
53166.6	3418855		6
103642.3	118274.4	[2M+H+K]2	27
217352.5	17909837		6
266945.4	12851318		6
654893	246262.4	[M+H-H2O]	29
171548.5	219047.3		248
6995279	3930048	[329][M]+ [M+H+NH3	16
147321.4	11471103		6
1208090	30681543		1
15778768	1.63E+08		1
737773.8	954534.4	[395][M+1]+	11
717978.9	15496499		1
124331.9	1646676		1
32048240	45943206	[253][M]+ [M+H]+ 30	119
152741.3	11380066		6
239809.2	1373260		264

0	5384627		1
1914436	26683659		1
3779186	8241429	[402][M]+	105
172072.8	72793.96	[M+2H-CH:	23
3.06E+08	277177.5		19
1727245	2064757	[1074][M]+	360
121931.7	830345.9		225
811636.9	10495357		1
2655749	2803852	[184][M+1]+	27
314287.5	104990.8		300
2532788	8078077		2
0	4865466		1
12861675	66963356	[1571][M+1]+	7
1661221	10022316	[594][M+1]+	49
188989.7	195399.4		330
479209.3	875003.5	[228][M+1]+	25
762821.4	13277494		1
1.44E+08	2.24E+08	[553][M+1]+	9
31090.53	760105		190
1164244	63136.14	[950][M+1]+	47
1331733	1874644		11
172401.9	126924.8	[700][M]+	62
14492.45	18696.78		263
227638.2	23924.01		62
96511.3	88670.52		149
375397.6	527138.6	[1530][M+4]+	100
99547.6	14319190		1
1288441	23265162		1
1176669	17663711		55
3366730	5614010	[313][M]2+ [M+2K]2+ :	60
4157975	2539472	[M+K]+ 35'	319
2066421	487831.9		385
414615	83129.73	[1427][M+1]+	29
132273.8	14437445		6
19392.25	3017384		1
699706.2	1138718	[1241][M+1]+	10
9075572	15416459		103
19492.55	75498.47		62
6592832	18099333	[1333][M+2]+	56
286208.7	15558670		1
147471.6	213241.8		186
1001722	21965648		1
1056489	7156153		1
300137.6	14076921		6
12230707	32788415		1
2142575	7174988	[M+H+HCC	4
1884996	38427753		1

3287431	159434.1		63
2015056	53370677	[1314][M]+	1
5861244	77709195	[372][M]2+	1
865101.5	25471586		1
37830.46	55331.62		104
2624423	5071078		1
6036.624	497809.1		95
106273.2	9765515		1
5449120	5468921	[1007][M+1]+	75
346705.9	15602.45		375
15718948	70359035	[1373][M]+ [M+K+NH3	150
17292176	374482.7	[861][M]+ [M+K]+ 44:	244
1658118	963163.1	[270][M+2]+	16
2023302	3987822		54
5349482	69556148		80
185877.1	7743499		6
542406.2	1164352	[758][M+1]+	314
4642730	1984316		66
268603	580630.6	[529][M+1]3+	322
153465.6	778950	[3M+H+Na	239
2756919	2608361	[971][M]+ [M+H]+ 51:	88
412158.9	3422651		1
148791.9	70129.23	[M+K]+ 21:	232
1328774	16683226		1
4875549	20929998	[1438][M+1]+	123
621054.2	17498059	[447][M]2+	1
130864.7	200623.5	[M+H]+ 59:	49
563309	216018.3	[M+Na]+ 2:	277
303729.5	1430527		64
174462.2	84416.84		442
1417911	18841200	[1200][M]+	1
0	2572344		1
293822	435193		70
3802503	3701906		91
8307185	6154217	[1181][M]+ [M+Na]+ 5:	17
0	3433810	[M+Na]+ 2:	180
458883.8	11147868		1
31781708	2.26E+08		1
5185232	69349817		1
1269462	1176541		31
250589	372085.8	[M+H]+ 37:	31
1124513	9729993		209
6.22E+08	7.68E+08	[1388][M]+ [2M+H]+ 3:	11
219545.4	4895435		1
2241206	8920045	[1026][M+1]+	226
94797.45	270367.1	[M+H+NH3	49
399974.6	12593416		6

461233	119223.4	[1097][M] ² [2M+2Na+]	29
819844.1	14106828		1
445031.5	333582.4	[2M+Na+3I	11
1020664	15474508		1
259576.6	616826.9		105
190354.8	2337005		1
21894.47	5534225		1
771595	1092770		233
293049.9	6891969	[1200][M+1] ⁺	1
19372589	94173595	[594][M] ⁺ [M+K] ⁺ 36:	49
1301623	423968.2	[1427][M] ⁺	29
16326111	25445996	[1313][M+1] ⁺	1
1447159	4585050		1
812879	19110552		1
277076.2	545363.6	[M+2H] ²⁺ ,	217
98846.49	115919.2		41
2038122	2964034		402
920877.1	14161793		1
259601.4	3681712		1
1632191	26330932		1
2.84E+08	3.48E+08	[1388][M+1] ⁺	11
93451047	2.62E+08	[1258][M] ⁺	45
768118.9	4025048		1
1243659	291249		319
32430.91	6292407		6
306715.1	151807.6	[M+Na] ⁺ 5'	47
4240043	4657009	[1566][M+2] ⁺	11
2315404	56941766		1
331644.7	2404119		306
864088.9	1159815		37
27867.95	1948201	[1198][M+1] ⁺	1
798768.8	8876173		1
2669901	33658708		1
218241.5	193006.3	[136][M+1] ⁺	105
1848486	2422714	[612][M] ⁺	269
13673310	58443065	[1151][M] ⁺ [M+K+NH ₃	168
456746.9	5335338	[1431][M+2] ⁺	1
561547	16604901		1
17404008	84038416	[1306][M] ⁺	125
1.31E+08	2.25E+08	[86][M] ⁺	4
709112.3	8207218		1
831624.6	1114682		37
5631815	27324380	[1373][M+1] ⁺	150
121749.5	2293855	[M+K] ⁺ 21:	133
2000431	463134.2	[M+Na+Na	40
1297061	27045025		1
3170782	2285181	[862][M+1] ²⁺	257

1084155	838013.3	[878][M]+	33
1083595	3319914	[M+K]+ 420	4
519467.3	552943.8		287
356090.4	1592867		39
9380045	4376728	[34][M]+ [M+H-CH4]	104
932751.5	948090.6		25
1396612	1562400		253
1681204	16272897	[423][M]2+	1
32782.86	282078.7	[M+Na+Na	95
5300252	6099787	[M+2H]2+ !	252
1737456	1413697	[M+H]+ 270	116
239108.7	88923.53		107
1008062	30002105		1
52443359	45695593	[1176][M]+ [M+2K-H]+	29
62525.31	1990158	[M+H]+ 430	144
919252.7	21588661		1
3951982	4571387	[M+K]+ 360	284
110423.4	1819822	[M+K+CF30	90
10518317	10796680	[628][M]+	174
896818.9	609308.8		104
6060783	1.16E+08		1
536444.9	3732745	[729][M+1]+	49
2019393	1310892	[70][M]+	116
299928.4	208014.4	[1072][M+1]+	176
3789051	35442883		1
990504.9	1104003		317
585291.6	757516.3	[370][M+1]+	35
21838750	25746286	[117][M+1]+	4
186980.5	323621		77
779397.4	26807442		1
276363.3	7488201		1
611738.2	17158669		1
410011.3	264533.5		356
2692676	5474976		174
533813.9	1993797		1
0	5377975		1
740614.9	1338908	[413][M]2+	138
203307.7	2129077		24
59280521	48342279		191
1562965	1913261		179
100778.2	34479.19	[1301][M+1]+	34
879385.1	2329252	[1333][M+3]+	56
505046.8	1327282		70
60234.17	276257.3	[106][M+3]+	49
31369702	94085704	[1258][M+1]+	45
539324.1	12529697	[412][M+1]+	1
1636796	51378675		1

0	4216945		1
553986.5	4777149		6
2591445	3065139	[1345][M]+	53
2261870	2042211	[136][M]+	105
463262.6	381918.7		466
5120095	8619710	[1126][M]+	17
368375.9	2806111		49
180186.2	3188184	[1201][M+1]+	1
2665504	2729937	[15][M]+ [M+K]+ 15!	104
23243049	37198499	[134][M]+ [M+K]+ 22!	119
1090640	10202644		1
3032747	57689422		1
308532.8	241211.3		114
860158.5	1145157		194
120958.6	139357.8		151
2504599	5757007	[1302][M]+	56
1490086	8085740		1
1075980	2186491	[684][M]+	245
2525563	2154755	[356][M+1]+	18
2072970	20005144		1
250379	64894.71		27
256021.6	222257.3	[M+Na]+ 1!	44
1328926	924166.7	[M+Na+NH	276
332483.4	220533.7		233
1621132	48240309		1
510853.3	513731.5		8
2591277	1306858	[750][M+2]+	2
377833	198863.9	[M+Na]+ 2!	298
960347.8	913925.8	[M+H-C6H8	215
488533.2	9696776		1
470383.4	7884757		1
14139909	13360343	[1125][M]+ [M+H-HCO	29
126320	170551.2	[110][M+1]+	52
3770389	18759605	[1151][M+1]+	168
16674076	79478046	[1235][M]+	130
411302.8	289182.2		54
2136004	1467249	[719][M]2+ [M+2H]2+ :	270
2233408	3227670	[263][M+1]+	29
1424749	1784843		348
5810002	30776254	[1306][M+1]+	125
5153872	3666946	[953][M]2+	260
1128689	1753653		62
159863.7	160399.9		70
2334980	8970625		1
1350457	975669.1		282
383582	82287.42	[M+K]+ 52!	18
2234258	57953115	[1392][M]+	1

5163982	18258290	[1258][M+2]+	45
106232.6	271101.2		328
851797.3	970481.6		450
4913587	77270.35	[861][M+1]+	244
12638672	5193610	[1075][M]+	222
2567000	886506.3	[959][M]+ [M+2Na-H]	60
404336	3349156	[M+K+HCO	4
166211.8	167882.6	[M+H-C6H8	96
2593799	55076557		1
5205071	6925286	[637][M]+	132
1400088	2197158	[M+K]+ 330	23
191648.1	146398.1	[M+H-CH3]	217
16065125	12786592	[1176][M+1]+	29
5916012	77856829	[374][M]2+	1
2020937	306262.9		25
2257319	46524495	[1327][M]+	1
4428531	35313129		1
98806.68	77844.1		273
155391	4488299	[1558][M+2]+	6
3334572	5556180	[218][M]2+ [M+2K]2+ 5	138
676338.3	377154.1	[1517][M]+ [M+Na]+ 80	47
827547.8	5872648		1
618118.8	843627.9	[M+2H]2+ 0	47
6464619	1.16E+08	[477][M]+	1
231168.2	271651.3	[1405][M+2]+	100
84210.34	1040987		69
271655.8	6457856	[1431][M+1]+	1
144886.1	6994495		1
74660.15	101854.4		115
2658045	55327070		1
714009.3	178329.5	[3M+H+Na	75
5506594	7713338	[1204][M+2]+	12
112551	209716	[394][M+1]+	155
491697.7	2697350		6
68773.67	467751.1		290
1287345	3280539	[M+2H-C4H	4
208358.2	599892.5		283
563053.4	17205432		1
3852872	4611424	[840][M]2+	301
3881516	48328195	[1201][M]+	1
1418600	3801197		1
1326148	1142216		54
817327.8	10639330		1
81533289	2.68E+08	[1182][M]+	43
1050548	18104105		1
1344768	27027225		1
1058328	20664151		1

704763.6	12232575	[487][M]+ [M+H-CH3]	209
1806375	2729439		210
8696664	32274789	[520][M]+	198
1043527	4038258	[1438][M+2]+	123
192307.5	58555.69		34
338898.2	90081.99		95
1033016	1272719	[904][M]+	54
1610965	14994968		1
2853025	2201889		179
37314939	2.9E+08	[1288][M]+	1
243780.8	301255.8		54
313114	275249.9		114
2843716	622995.7	[1183][M]+	176
121061.6	692326.8	[2M+Na+K]	95
458267.9	390464		446
398052.2	317956.6	[M+Na]+ 3:	31
4411402	45893537		1
32984.78	43249.24	[449][M+1]+	35
257040.6	667827.5		284
8880.106	1854175	[M+2Na+K-	18
138644.4	61407.25		355
8115697	7012259	[1326][M+2]+	1
993467.6	7785002		1
538916.3	90265.02	[M+K]+ 68:	29
2015242	26803752		1
312127.4	275640	[1113][M+2]+	176
4623800	11878138	[855][M]+	2
4192954	4445724	[127][M]+ [M+H]+ 26:	76
234951.7	179945.8	[24][M+1]+	78
1829403	1329453	[1354][M]2 [M+2H]2+ :	282
1066804	5431270	[1373][M+2]+	150
812096.5	569418.4	[717][M+1]+	236
82623.26	87817.85		306
0	29056.07	[M+Na]+ 6:	172
900561.9	1476764	[M+H]+ 41:	14
741912.3	575942.2	[M+Na]+ 4:	282
1314603	976643.7	[1249][M]2+	202
8906750	16905008	[557][M]+	61
1017050	1402151	[637][M+1]+	132
25817829	89981346	[1182][M+1]+	43
3798884	3439540		143
1219716	195035.4	[M+2Na-H]	18
1371278	22649623		1
12369775	1.36E+08		1
11541752	1.2E+08		1
2428808	675456.7	[1040][M+1]+	18
208385.6	279115.4		303

587481.2	282793.5	[M+H+K]2+	29
173128.1	312836.4	[2M+Na]+	172
67636.69	55940.21	[1312][M+1]+	34
1254793	850294.2		86
114526.6	293391.5		160
1422135	5562750	[954][M]2+ [3M+2H]2+	178
1154224	275618.7		144
497476.4	1128834		2
154952.9	4886924	[M+2K-H]+	23
236487.4	440479.3	[1318][M+1]+	79
7741230	1.57E+08		1
2192232	1204872	[1339][M]+ [M+H+HCC	25
1789290	21146271	[477][M+1]+	1
221256.2	234174.3	[M+2K]2+ (	25
674685.1	2102050	[M+H]+ 36(	117
152341.9	85754.38	[M+K]+ 28(	112
12950168	19580290	[535][M]+ [M+H-H20]	4
1240264	395181.1	[M+K]+ 69(	18
1247306	15742518	[33][M]3+	1
18117.6	419654.8	[2M+Na+2I	83
301543.1	190259.1		8
449063	99765.34		23
916407	5825752	[1306][M+2]+	125
65067660	2.38E+08	[1079][M]+	48
189729.4	272525.9	[M+Na+CF(	160
907006.4	12138077		1
96265.24	1023869		390
3875229	376055.5		383
516850.4	503081.6	[986][M+2]3+	206
3625147	45556410		1
1036007	854212.9	[M+Na]+ 2(	178
3098269	4899113		7
940450.6	13948464		1
5518434	2231949	[907][M+1]+	223
11784836	4501276		1
6216106	76624022	[367][M]2+	1
227651.5	444903.3		73
664373.4	15148470		1
1156923	907058.4	[2M+2K-H]	40
1067002	1509923	[M+H-C4H(	116
1156859	15484343		1
2978786	302549.6		76
15175973	37527641		1
7335882	28521053		1
3597304	21869166		1
244436.6	309005.4	[M+2Na-H]	159
1841702	10509857	[1469][M]2+	11

526616.9	387358.1		112
19007064	2438146		238
304416.2	172680.1		62
6122521	1.03E+08		1
363558.6	316104.9		292
4.9E+08	6.47E+08	[480][M]+ [M+H]+ 36	4
4660841	492787.7		378
556892.8	454629.1	[M+Na+NH	151
1333617	4678552	[3M+Na+K]	104
194936.5	293754.9		52
2478041	1618334		448
597281.4	3504952		130
749298	371001.8	[1339][M+1]+	25
874763.8	955839.2	[1039][M+1]2+	337
3634483	4121413	[M+Na]+ 3	29
276323.5	199941.3		319
364752.7	202949.3	[161][M+1]+	179
527866.3	380684.5	[M+Na+K+]	100
786826.6	1367085	[632][M]+ [M+K+CF3C	217
184752.4	308095.5	[320][M+2]+	2
4747508	5096150	[886][M+1]+	62
1045228	10525848	[416][M+2]2+	1
306227.7	219598.1		70
85793.3	383192.7		221
1631383	229034		214
598191.3	1887723	[1557][M+1]+	334
2754725	8883091		8
1712598	6686054	[446][M]2+	1
1513859	2680269	[1126][M+1]+	17
13611326	8546477	[1173][M+1]+	25
271442.6	5039421		1
5092753	27601174	[1235][M+1]+	130
393358.5	790937.2		244
12447266	22208037	[354][M]+	81
3658512	26039790	[367][M+1]2+	1
1249074	829242.4	[1209][M+1]+	288
1118752	904324.5		292
322712.9	356873.7		25
12999745	14487395	[876][M]+ [M+H+NH3	75
861102.4	3419911		136
1465997	610691.8	[1146][M+1]+	29
2372870	2318588		410
1361548	1336367		89
4713228	4671285		256
7681.337	344163.1	[400][M+1]+	103
401359.1	3889907		1
243919.3	376191.3		306

678676.9	567826.5	[M+K+NH3	49
1396824	1461402		57
47495803	1.81E+08	[951][M]+ [M+H+NH3	65
286552.4	12813964		1
76148.84	1865476		1
234363.5	1.06E+08	[M+H-C4H8	31
1005894	4386392	[1148][M+1]+	43
170455.2	26513.89	[M+K]+ 30:	86
339906.4	540216.6		332
2027843	42869425		1
50280.91	400280.2		104
195957.6	14854905		1
300634.7	1769305		1
0	2979285		350
303953.1	220546.7		232
36517.05	49847.35	[M+H-CH3]	34
798230	814091.4		454
10508922	3487592	[1040][M]+ [M+Na]+ 5:	18
614613.5	576950.1	[863][M+1]+	18
287692.5	212117.3	[M+H+NH3	293
794436.4	955584.7	[M+2H]2+ !	60
218922.4	113891.4	[M+K+NaCl	52
174435	110685.5	[M+Na]+ 30	221
785086.7	53840.89		458
218882.9	15809.97	[2M+Na+K]	18
1200347	160841.4	[M+Na+HC	104
377705.1	1421753		1
320082.6	288381.2		200
616626.7	443113.5	[1466][M]+	171
19229088	73274371	[1079][M+1]+	48
228712.9	4979496		1
151413.4	3779487		1
377015.5	603246.2	[M+H+NH3	17
261429.9	6190044		1
171715	303056.4	[M+K]+ 59:	100
4857770	5887739	[319][M]+	204
522702.6	2409814		125
191714.2	112514.4		34
486248.6	99354.61		300
3626711	15867902	[1182][M+2]+	43
2718342	26410874		1
153543.6	77661.11		165
1123844	15199013	[562][M]+	103
1781348	16907075	[1359][M+1]+	1
3900554	88025668	[501][M]2+	1
942779.6	1333688		116
2466642	2666514	[356][M+2]+	18

1448386	1531262	[1190][M+1]+	197
2955370	3444697		280
2061900	6915823	[466][M+1]+	198
493145.3	217230.9		441
30754277	1.17E+08	[811][M]+	81
752006.9	907772.3		97
778827.8	233413.1	[M+Na]+ 60	23
115332.6	737496	[M+H-CO]+	49
10272466	13466811	[155][M]+ [M+H]+ 270	228
3635408	51147187	[1359][M]+	1
360283	463424.8	[M+Na]+ 31	101
1636910	1728604	[1089][M+5]+	2
1328774	7617759		1
265039.7	1428733		12
220320.1	92040.61		75
1285719	2619668	[1029][M+2]+	11
917948.1	4103388	[1105][M]+ [M+K]+ 528	168
65546.56	382331.8		100
244140.6	7.13E+09		1
612739.8	994807.7	[M+Na]+ 30	119
76330.81	14765.37	[2M+Na+K]	188
105459.4	176027.5	[M+K+NH3	202
176518.6	64089.07	[992][M+1]+	412
1100646	977780.4	[1291][M+1]+	34
14759309	1223748		1
51739121	34088562	[1173][M]+ [M+H]+ 590	25
47891.46	97951.29		61
96348.16	154798.2	[M+Na+NH	49
8680.008	246652.3		103
275582.1	1482809		99
311234.4	3967827	[474][M+3]+	1
173999.1	204949.8	[449][M]+	35
21830.87	540364.6	[M+K+HCO	55
1.12E+08	59299854		1
16102472	8089729		75
0	3313380		1
105074.2	142661.9		410
670560.2	687202.8		415
367293.3	7456072		39
4683561	374123.9	[M+H]+ 510	217
275037.3	393725.9	[M+H-CO]+	116
3806017	10593384	[1231][M]+	45
686395.2	424726.6	[M+H+HCC	47
459561.4	98622.9		244
1170200	6559241		1
1163271	13533435		1
104041.6	6742180		1

1.18E+08	1.67E+08	[1204][M]+	12
986350.2	12996415		1
1429901	2809417		54
1361877	5793129	[520][M+1]+	198
6008.406	133369.4		181
1459791	627889.2	[85][M]+ [M+H-C6H8	276
235734.6	1334866	[M+K]+ 66C	150
429100.4	5842916		5
51652.32	498145.3	[M+H-CO]+	209
390525.1	13108070		6
8382113	9072423	[1133][M+1]+	75
165903.7	188654.9	[M+2H-CH2	205
12521932	51429727	[951][M+1]+	65
5706494	11728804		1
993398.6	683897	[559][M]3+	62
755997.3	1983481	[M+Na+Na	104
1449982	1693900	[1389][M+1]+	10
2046713	1646711	[1295][M+2]+	205
1232681	1019987		260
5304083	17978934	[1148][M]+	43
1463643	16030837		1
320632.7	251283.3		18
113633	447666.7	[8][M+2]2+	83
2986282	445740	[754][M+1]+	62
14157526	23489628		74
2072824	3192341	[961][M+1]2+	244
236545.1	86493.85	[999][M+1]+	41
328558.7	232518.6	[101][M+1]+	298
780012	238207.5	[1144][M]+ [M+H-CH4]	251
78610.3	98834.46		61
4012249	1998744	[1094][M]+	175
16097151	21415906	[39][M]+ [M+H-C4H8	228
9207960	11483218	[1388][M+3]+	11
8283550	7892068		376
2001618	2058135	[1468][M+1]+	217
20842416	76263298		81
422295	87753.27		114
11990286	37559955	[466][M]+	198
62374.61	126997.5	[1291][M+2]+	34
2416950	29656934	[1360][M]2+	1
723936	2802080	[1231][M+1]+	45
1.34E+08	2.19E+08	[117][M]+	4
227689.9	333315.4	[M+H+HCC	289
100995.6	1137905		187
1367807	1906982		11
1827497	1466898	[1047][M]+ [M+K]+ 50;	160
1060731	795088.6	[1207][M+5]+	100

3397616	5774465	[952][M]+	69
290399.2	207799.1		272
1098489	746481.4	[1162][M+1]+	100
1438123	544786.5		430
530087	10628104		1
395496.9	412558.3	[M+2K]2+ †	47
13237358	1.37E+08		1
528239.1	1626854		69
1954367	1664171	[1368][M+2]+	205
5460242	96161609	[502][M]2+	1
257087	1156891		11
6003160	60912523		1
266289.1	1450122	[M+3H-C4†	11
347394.3	365851.7	[27][M+1]+	199
266204.7	24441.25	[1097][M+1]2+	29
105013.7	1306588		225
420018.6	667810.6	[M+2K]2+ †	151
471724.7	431871	[662][M+1]+	221
771329.2	1300764	[1318][M]+	79
568005	7764669		1
3966468	1538290		173
7326915	25523033	[1020][M]+	48
4191268	3888977	[1190][M]+	197
564185.1	664103.7	[M+Na+CF:	245
3411083	2541656	[M+K+NH3	319
664539.3	238348.5		244
3007555	35375515		1
1176449	1010497	[M+Na+HC	100
6975175	29983763	[811][M+1]+	81
8239696	84934257		1
313671.8	161813.4		19
2522381	26322371	[1360][M+1]2+	1
512278.9	511002.7	[1211][M+1]2+	436
946596.2	1527759		351
879171.4	406443.9	[1094][M+1]+	175
505592.5	7879738		1
703205.8	19279532		1
2113047	43099540		1
766670.5	8806566		1
989061.7	757055.1	[286][M+1]+	17
10366922	10943327	[210][M]+	18
155076.8	186657.2	[68][M+2]2+	52
4145295	17607778		198
83051.81	150143.3		181
1540770	1701521	[576][M+1]+	2
83648.43	1080006	[M+Na]+ 3:	104
5625799	8087305	[M+Na+Na	4

1417844	5883376	[688][M+1]2+	4
5237948	365219.7	[M+Na]+ 5:	217
36709149	3.34E+08		1
93536.74	4918310		1
4334684	95506392	[450][M]2+	1
1303914	784541.8	[735][M+1]+	18
325166.1	1647024	[1375][M]+	73
249948.6	399168.7	[1483][M]+	308
35221363	54924494	[1204][M+1]+	12
2142092	1013999	[3M+2Na+I	100
218867.3	226149.7	[461][M+2]+	47
155728.2	454939.9		308
192454.2	97861.53	[M+K]+ 26:	24
123029	62165.06	[M+K]+ 87:	34
1717824	2218657	[267][M+1]+	47
1150319	346725.2		93
630620.5	629000.2		8
17142381	1.57E+08	[78][M]+	91
514227	193696	[762][M+1]+	52
270033.8	4681474		78
310031.4	146551.1	[M+2H-CO(	25
1129940	15832939		1
17903309	1.51E+08		1
86445.72	318079.2		400
0	302059.8		83
1691827	42021512		1
2054768	8008865	[899][M+1]+	65
486147.4	1083762	[1484][M+3]+	139
659285.5	11321490		1
993322.9	1389765	[M+H]+ 41(	49
12030750	7070619	[1038][M]+	190
2344963	3095801	[1055][M]+ [M+2Na-H]	49
199162.6	1103045		81
4696485	5413554		204
1329268	28290961	[1236][M]2+	130
45712.86	1163400	[M+Na+K-t	55
14201372	17019068	[494][M+1]2+	1
57311.46	760771.1		124
23191098	1.49E+08		1
0	278088.4		97
401351.5	535102.2		78
404101.2	2352960		49
5222242	45214341		1
179167	635834.9		64
67135.18	56234.27	[1114][M+4]+	47
569708.9	1278088	[M+H-COCl	60
130255.6	269431.8	[M+Na]+ 3:	119

439311.7	471502		460
42501.4	1552177	[M+H] ⁺ 44	209
481919.3	7035286		1
386701.9	62956.95	[3M+2H] ²⁺	18
2082227	3049976	[M+Na+NH	104
3121492	4912855		2
10555353	14330916	[696][M] ⁺	179
1694615	3253549		167
3379217	5329837	[961][M] ²⁺	244
1159381	33810173		1
1915358	13101479	[M+K+NH ₃	133
13022668	1.61E+08		1
206213.2	0	[M+Na] ⁺ 7:	47
33920013	6014003	[1364][M+2] ⁺	1
96638703	1.46E+08	[159][M+1] ⁺	17
1324659	10073333	[474][M+1] ⁺	1
6919.379	280303.1	[M+Na+NH	104
2984945	10690530		5
852103.9	2026652		170
553234.7	2402258	[383][M+1] ²⁺	10
387663.4	4345838		1
1082679	1064473	[M+3Na-H]	18
923881.1	383610.3	[937][M+1] ⁺	66
68882.74	170640.6	[1483][M+1] ⁺	308
294941.8	532305.5	[2M+K] ⁺ 3(	49
619550.5	9540094		1
471707.3	148691.3	[1043][M] ⁺	41
690933.1	310500.6	[1228][M+1] ⁺	118
197704.6	917411.1	[451][M+1] ⁺	49
2154109	7846108	[835][M+4] ⁺	2
1733539	1710925		227
5169357	6544387		97
38474.78	1241371		97
5336878	42716233	[M+Na] ⁺ 2:	133
357117.2	90596.22		23
429882.4	422261.2	[M+2H-NH	202
1287709	5509093	[1469][M+1] ²⁺	11
67206.31	246677.1		161
16842213	25582393	[86][M+1] ⁺	4
6098702	5067301	[558][M] ⁺ [M+H] ⁺ 38:	254
131659.1	30081.97	[260][M+1] ⁺	66
105220.9	86200.85	[M+K] ⁺ 52:	47
5412425	5838945		6
1294760	1371226		298
2448162	1283711	[M+H-H ₂ O]	343
15585209	49988281		1
17722723	23220039	[203][M] ⁺ [M+H+NH ₃	228

824807.1	1591243	[557][M+1]+	61
1353648	4335488	[220][M+1]+	55
6594580	6260624	[1337][M]+	227
1.41E+08	23432156		1
49465307	59281251	[358][M]+	4
184886.9	220919.5	[188][M+2]2+	151
6654.775	991481		91
569387	492441.7		404
1813042	1626681	[M+Na+NH	11
400132.7	280696.3	[3M+2Na]2	116
1371801	1811945	[1104][M+1]2+	70
1569823	4569868	[772][M+1]+	4
47076315	1.3E+08		1
39632.48	22508.53	[M+H-CH3]	34
68931.21	30652.2	[M+H-CO2]	309
708094.1	1590916		10
465733.7	851012		85
216452.8	52632.69	[3M+H]+ 2!	17
237689.8	272484.9		83
1853948	1538610		28
2091236	10106566		1
158015.2	492093.4		97
712858.1	1301688	[1223][M]+	10
169254	364094.7	[M+K]+ 41!	237
45227545	94624496		1
3272904	3504897		232
5460242	40937756		1
29608046	63432820	[1230][M+2]+	10
782420.3	537916.6		297
3044310	3194082	[1256][M]+	57
1650143	2104453	[M+H-CH3]	127
228778.6	1022389		78
3759222	1552674	[1075][M+1]+	222
34029503	5382796		6
5737571	6464819	[276][M]+	75
2094059	1852869		29
1467968	1855834	[M+H]+ 40!	101
15201382	25227778		1
1029998	8896151	[504][M+1]2+	1
3671450	5089107		187
819768.3	16951445		1
5.41E+08	8.1E+08	[159][M]+ [M+H]+ 27!	17
2638883	1655384	[880][M]+	190
151480	9643.246	[M+H-NH3]	79
7913161	13097522	[150][M]+	84
512583.7	2312226		145
264611	1608205	[1182][M+3]+	43

2157566	8543872	[755][M+1]+	81
179449.4	71451.82		115
1357719	17779454		1
411662.8	2712007	[811][M+2]+	81
245404.9	85145.12	[1424][M+4]+	100
68851.35	334140.5		61
31373599	1.69E+08		1
67562566	32863747		1
159614.5	210071.6	[45][M+1]+	16
237466.4	113211.7		292
2487241	15344286	[451][M]+ [M+K]+ 32C	49
12028389	58647880		1
12481228	20752682	[296][M]+	81
380072.5	415545		463
2392865	11387601	[1079][M+2]+	48
128922.8	345788.4	[1070][M+2]3+	443
2401323	1523910		25
165639.3	46250.75	[874][M+1]+	23
2350228	3661147	[446][M+1]2+	1
153748.6	126347.4	[158][M+1]+	60
1492451	29644769		1
8431149	58527414		1
157913.8	123824.9		254
894961.6	321456.3		156
893939.4	211299.7	[M+2Na-H]	107
2931252	3000248	[1329][M]+	223
1450378	751754.4		256
39961.18	656979.3	[2M+Na+K-	90
6136115	10035979	[1104][M]2+	70
3378765	8784131	[772][M+2]+	4
140112.1	138132.3	[M+H]+ 27'	83
54863.34	320901.9		173
2494652	1184649	[1191][M]+ [M+K+HCO	127
472294.8	1157101		10
950078.4	1634929	[1347][M+2]+	2
676877.6	60410.65		17
1816328	1500154	[795][M+1]+	23
19346228	8575581	[907][M]+	223
675778.5	1105829		2
3598130	3304960	[1291][M]+ [M+Na]+ 6:	34
138635.1	132829		461
1861275	28987126		1
341293.3	501195.7		384
1326060	3730489	[507][M+1]2+	1
477157	1137721	[1187][M]+	284
42351.54	1746312	[562][M+1]+	103
40623.14	1308921	[M+H-COCl	55

1285228	2090075	[2M+H+K]2	4
403198	863254.9		4
269912.1	516438.4		397
3744840	2821431	[M+Na]+ 6:	202
2864701	3813566	[1215][M+2]+	109
28493624	47001114		70
32291.52	5972760		1
1557642	6589660	[1020][M+1]+	48
53409.07	23971.89	[485][M+2]+	223
1137529	984247.7		11
16708.91	467372.5	[1096][M+1]+	104
216199.9	1244804		83
737056.4	6908333		1
2277570	6372973	[1230][M+3]+	10
1977981	1668773	[60][M+1]+	4
998833.1	1467329	[M+2H]2+ :	109
373143.3	2483400		1
2255808	7395482		1
8028347	33956532		253
122662.8	2033095		1
10861899	37216599	[755][M]+	81
1184859	2551854	[M+H-CO]+	119
300017.3	779884.6	[1178][M+1]+	170
12235949	14016905	[1364][M+1]+	1
230964.8	614994.1		61
139439.6	1076851	[1105][M+1]+	168
905156.5	1948885		422
4301234	19333968	[56][M+1]2+	1
9534785	35917955	[853][M]+	2
30001377	38096166	[M+2K]2+ :	4
1789641	911102.7	[1497][M+1]+	11
1643334	1277439		128
139510.5	4248587		199
232241.4	122155.3		23
162857.7	92334.88		34
408555.1	363079.5	[867][M+4]+	391
2492201	3414625		2
412333.8	395027.4		16
84273.64	909809.1		166
505470.5	2994342	[M+Na]+ 8:	4
809651.9	12091884		1
295553.5	296411.8	[1312][M]+ [M+K]+ 63:	34
510288.8	16924707	[M+Na]+ 3:	55
1168764	378832.9	[M+H]+ 77:	118
31527.87	482869.8		225
534481.3	2752811		172
439224	242426.2	[M+Na]+ 6:	29

1801344	1849255		2
201092.5	111413.9		228
1001351	3677139	[M+K]+ 362	4
793421.6	1687299		85
10462674	39901424		1
293103.1	776157.7	[1550][M+2]+	312
450934.9	3.1E+08		24
1292560	1543149	[11][M+1]+	4
9405589	8306855	[1347][M+1]+	2
1298320	2942747	[1178][M]+	170
1052996	8274204	[1545][M]+ [M+K]+ 934	11
127137.7	257629		186
295478.3	338709.4		121
560301.2	301131.2		469
1485100	1397111	[1217][M+2]+	75
31065145	12482909		1
2867496	7074653		10
3976724	3178150	[M+2H]2+ :	219
3451660	15566713	[1457][M+2]+	1
1105088	1310300		164
4237383	46449307		1
1523238	2171794		164
1.42E+09	3.04E+09		1
888466.8	1129373		68
1176501	922129.4		114
15368147	1.4E+08	[373][M]2+	1
794020.6	5875664	[M+Na]+ 5:	11
251011.1	113364	[1006][M+1]+	32
10944655	44840141		1
9193731	32861502	[899][M]+ [M+H]+ 494	65
16751.95	1362032	[M+H-CO]+	199
189499.6	440818.2		49
3356458	2607498	[1125][M+1]+	29
1330642	1354764		68
133095.6	102622.6		222
1308938	4909819		7
579992.2	153995.4	[840][M+2]2+	301
1845126	15269257	[1284][M]+	81
172857.6	206009.2		345
4636953	17344385		1
562911.8	42865.44	[1030][M]2+	18
169931.4	80486.25		474
593537.8	590489.3	[887][M+1]+	296
31232814	44088243	[1214][M+1]+	73
159183.9	28975.67	[M+H]+ 454	18
118270.4	87154.56		33
1838410	2360961	[388][M]+	354

227488	148152.1	[213][M+1]+	254
49481.68	476284.9	[624][M+2]+	104
67581.63	256939.3	[1346][M+1]+	50
572926.1	551169.4		362
6079125	2429637	[385][M]+	365
1667954	2703370	[130][M+1]+	116
3073442	3071011	[M+2H]2+ !	312
1474309	2421842		135
63075.68	807522		400
254085.3	371148.5		362
897763.9	386950.7	[1091][M+1]+	127
10079464	69072842	[412][M]+	1
760969.2	1687157		11
513118	3467376	[108][M+1]+	208
289422.5	28869.85		134
2593799	46489194		1
2274913	382004.7		417
1130789	8118328	[382][M]+ [M+H-C5H8	49
3583653	1957650	[251][M+1]+	233
11656338	14258609	[M+H-NH3]	8
7673206	1866752		53
692020.4	1867873		248
65101.81	11353.19	[M+Na]+ 4:	119
10652960	34875531	[618][M]+	81
2626548	2226257	[1300][M]+ [M+Na]+ 6:	107
1079388	128882.1	[M+H]+ 73:	18
2329881	14370162	[450][M+1]2+	1
1800416	3018417	[296][M+1]+	81
111625.8	266270.6	[760][M+1]+	119
11127.97	53616.12	[3M+2Na+I	86
1427316	1786125		4
837959.3	919790.5	[276][M+1]+	75
336976.7	108089.2	[34][M+1]+	104
3218549	548626.5	[545][M]+	19
895091.1	550996.5		104
1064433	732280.9	[M+K]+ 31:	318
9922712	39472700		1
4808517	2659133	[759][M]3+	2
151594.4	385062.9		243
925559	1191503	[669][M+1]2+	137
129215.2	3356786		1
48808.8	356013.6	[M+K]+ 39:	101
302702.5	1087502	[3M+2Na]2	49
4768568	7256302	[M+K+HCO	4
324553.3	3884537		103
572601.4	704406.9		23
2305625	33283285		1

592184.5	1046612		19
68179.48	47079.84	[658][M]3+	62
8488655	8391714	[526][M]+	70
1930063	515091.6	[M+Na+NH	4
991853.5	904240.6	[1256][M+1]+	57
29807.89	753399.9		55
186917	63842.96	[1144][M+1]+	251
502780.8	538597.9		468
414693.5	5314796		1
512553	1036802	[M+H]+ 320	22
179523.1	80354.55	[M+H-NH3]	217
5786736	34913719	[1029][M+1]+	11
518345.6	1056930		41
2316020	6163229		38
449784.5	335607.1		120
7878620	7837574		370
252926.5	483352.1	[1361][M+1]2+	40
1128868	22553867		1
1271026	1926263	[245][M]+ [M+Na]+ 20	119
2087621	252176.7	[M+H]+ 350	104
2.75E+08	6.93E+08	[378][M]2+	1
1719391	959976.2	[M+K+CF3O	104
4408193	9323223	[1069][M+1]+	2
267049.6	216373.8	[M+H]+ 300	134
11083708	60183336		1
1609132	27869515		1
395368.7	552865.1		377
21178.69	1081050		103
4219193	5685638	[781][M]+	284
2905456	693739.7	[M+H-CH4]	116
119350.3	405193.8	[M+H]+ 320	22
362894.4	571039.8	[M+H-H2O]	104
77011.28	76906.25	[1464][M+3]+	278
737873.9	8538609		1
333872.4	191136.4		412
636235.2	338656.6		210
3545964	9122999	[919][M+2]+	4
781009.2	6207809	[1392][M+1]+	1
435799	11719710	[M+Na]+ 20	199
5723009	15566893		1
1014137	2463501		173
95752.32	250071		39
1792389	3362439	[354][M+1]+	81
298459.9	172227.6		114
74874.71	90558.45		61
12496.6	172318.6		351
558977.9	454977.5	[392][M]+ [M+Na]+ 30	18

3642875	5649115	[253][M+1]+	119
630982.1	1244852	[781][M+1]+	284
482807.6	603952		195
278540.2	129961.5		347
671636.6	1197897	[771][M+2]+	119
767174.7	996887.6		20
552319.5	265547.8	[1493][M+1]+	11
64612.76	195436.1		304
276731.5	6777284		1
136285.4	129092		108
8691822	23933336		10
238205.2	111581.9	[1428][M+3]+	175
70679.79	53323.45	[M+H-C4H8]	34
267705.2	505558.4	[M+H-H2O]	100
2413340	2425034	[887][M]+	296
3370367	4226519		117
1221269	3429062		1
572580.3	829675.3	[M+K]+ 314	289
19154162	25904882	[1215][M+1]+	109
270259.1	1935238	[M+K]+ 514	341
434694.9	334376.7		357
617215.9	647817.8		32
251179.2	455183.3		289
1400602	2191734		91
243953.3	233692.6	[2M+Na+3I]	151
3086681	3154294	[867][M+2]+	391
2721683	196795.7		389
2031456	2608002	[921][M+1]+	11
222180.6	1325948	[M+K+HCO]	101
398476.3	289478.3		355
3531015	18446871		394
4958546	83976963		1
1151638	966215	[M+H-H2O]	243
905352.7	77172893		91
530087	11286332		1
116103.5	160350.1	[M+H-CH4]	94
527504.9	425692.2	[36][M+1]+	70
400425.4	482018.4	[M+H]+ 574	47
143780.2	160930		119
492592.7	303037.9	[M+2K-H]+	212
287389.7	439696.6		116
161672.6	112786.9		243
108384.6	92079.85		217
170522.4	84984.73	[1030][M+1]2+	18
201809.5	840939.7		56
1183133	3341162	[561][M]+ [M+H-CH3]	264
401181.8	809246		105

616139.2	79488.7		421
83008.09	71150.05	[M+H-C6H8]	47
10250071	14013737	[1574][M]+ [M+K]+ 110	11
1952046	7239573	[618][M+1]+	81
997787.8	984887.1	[867][M+1]+	391
7105259	5181500	[M+2H]2+	191
2373439	7645255		1
214684.2	922889.8	[985][M+1]+	226
2795884	1325221	[1091][M]+ [M+K]+ 52	127
2702255	3385838		183
261326.1	329328.3	[819][M+1]+	359
329519.9	525729.6	[M+3K-H]2	47
614163.4	1045159	[65][M+1]+	204
135664	750938.7		139
158414.2	96427.62		18
7232594	94738612		1
1601358	1160450	[1013][M+1]2+	211
992791.5	5827890	[1199][M+1]2+	11
248775.2	196283.4		85
1525102	1135879	[M+2K-H]+	76
253735	184635.4	[M+Na]+ 4	272
1789407	1593088	[516][M]+ [M+2Na-H]	72
338569.7	484689.1		419
40502.44	46672.85	[392][M+1]+	18
8115035	61217798	[284][M]+	97
1152601	21354045	[78][M+1]+	91
31562.66	24689.31		46
0	291366.1	[M+H+HCC	55
20930160	1.78E+08		1
425932.1	10482071		9
366630.2	13639314		1
1208522	2756738		2
356306.2	366597.8	[1157][M]+	300
4676098	6705477	[1214][M+2]+	73
247150.9	461622.4		133
9796233	2058795	[1122][M]+ [M+Na]+ 5	153
3819664	707088.8		174
1484956	1826518	[628][M+1]+	174
26427.41	1952296		127
91056.04	380573	[198][M+2]+	112
2479092	5153029	[1532][M]+	7
293557	132497.5		105
471861.3	17319293		1
1342393	292286.1		18
289123.9	375119.8		186
390169.9	494991.3		334
28593732	96296880		2

617495.8	231496.4		15
1423486	1825869	[801][M]2+	252
818395.9	427015.4	[421][M+1]+	319
9271111	36712725		6
1444272	4508126	[216][M]2+	10
526110.3	3088576	[383][M+2]2+	10
181654.3	262199.1	[M+K]+ 178	103
839134.8	319319.3		62
334621.7	2201373		233
1486279	931848.6	[606][M]+	286
335488.6	459181		244
606541.6	357572.8		14
3659641	67758732		1
2249640	2306610	[535][M+1]+	4
321640	448280.8	[612][M+1]+	269
463922	274081.7	[597][M+1]+	26
1818392	2233539	[1416][M]+	45
1767618	1594246		147
131622.2	1642161		73
651993.3	1144099	[258][M+1]2+	73
1683924	1029693		143
356059.1	454944.8		393
3028802	1699170	[1038][M+1]+	190
804674.4	720205.3		41
1761906	23559476		1
27379.21	757374.9	[487][M+1]+	209
1436545	1527406	[1310][M+1]+	104
194680.4	267441.5	[M+H]+ 221	127
740420.1	914009.3		116
539887.1	437863.5		55
13329779	27394611	[M+2H]2+	173
358215.5	12022981		1
747953.3	443156.2		134
4067796	2606617	[M+Na]+ 31	104
58615.7	119604.5		61
230300.7	493590.4		303
2141051	2095921		334
630709.9	1364247		10
10770331	17082387		1
289041.4	3305224	[M+Na]+ 41	104
52482023	70643925	[1215][M]+ [M+H]+ 611	109
153918.3	2854886	[447][M+1]2+	1
121825.7	254921.4	[93][M+2]2+	159
21245552	16444346	[1225][M]+ [M+2K-H]+	47
118576.6	65779.87	[489][M+1]+	105
589984.3	110779.1		222
2112046	8788094	[383][M]2+	10

305440.6	101638.4	[M+K]+ 40	157
169415	151050.5		349
3298534	15840534	[M+Na+NH	11
825049.9	12512698		1
5067365	5516335	[1498][M]+	175
710368.7	150335.3		256
1267501	18372186		1
107008.2	2174684	[M+K+NaCl	209
1644328	2012032	[63][M]+	179
279641	310261.3		149
1509349	998336.3	[471][M+1]+	143
313908.4	364597.4		320
1251161	983402.5	[763][M+3]+	95
254182.1	688483.8	[M+K+NH3	264
1800065	1953522		33
134783.5	232860	[M+H+CF3(	169
453672.1	148507.3	[M+Na]+ 6	29
3157042	2197410	[826][M+1]+	62
813727	893363.4		236
64037423	1710218		32
203210.9	195533.7	[30][M+1]+	106
1889489	1616121	[1428][M+2]+	175
518074.9	386260.7	[M+H-C4H8	34
72979.7	132775.1		255
8788691	1.36E+08		1
3571212	15347266		11
427341.8	848122.7	[3M+2H]2+	283
174786.4	154953.9	[675][M+1]+	123
3246048	24818999		1
826122.6	624574.2	[442][M+2]+	14
526526.6	943947.5		119
360889.7	750659.6		13
124537.4	248633.4	[271][M+1]+	124
1212853	6527356	[951][M+2]+	65
611731	369315.7		25
4254283	45831575	[373][M+1]2+	1
2452524	25319899		1
8829708	12186197		198
24438475	20793297	[1218][M]+ [M+H-CO2]	29
442613.1	341729.2	[M+K+NH3	134
3464494	2577345		265
4111067	7737126	[845][M]+	155
1453668	2083439		11
10460135	1.62E+08	[119][M]+	91
1955586	22845281		1
2335869	2219003	[1394][M]+	313
49019.26	1183477	[M+Na]+ 3	104

5932283	5372800	[M+2H] ²⁺	246
252453.7	516463.6	[623][M+2] ⁺	49
7374892	6383069	[795][M] ⁺ [M+K+HCO	23
41204.23	133468.9		284
168604.7	223262.5	[805][M+1] ⁺	116
368673.3	292866.7	[M+2H-NH	191
75408.05	59577.41		34
37817.94	1213913	[M+H+HCC	155
2054999	5476886		10
4715571	5006603	[M+H] ⁺ + 24	8
125839.4	3652867	[M+K+NH ₃	55
486737.2	454380.5		167
381705.6	141210.1		120
8446236	5394336		100
37702.54	676798.5	[81][M+2] ⁺	199
220240.1	531139.8		73
469380.1	734982.9	[267][M+2] ⁺	47
379448.4	3002785	[M+K] ⁺ + 58	76
3059883	3490643	[101][M] ⁺ [M+H] ⁺ + 25	298
192938.5	184032.3	[43][M+2] ⁺	223
2011187	3548175	[134][M+1] ⁺	119
417330.4	378494.1	[M+K+NaC	49
6222094	1319196	[718][M] ⁺	20
23682.83	96113.53		101
5476088	3562385	[421][M] ⁺ [M+K] ⁺ + 31	319
2855489	13205467	[372][M+1] ²⁺	1
152721.5	384911.1		167
11363600	8060167	[M+2H] ²⁺	104
761703.3	1253744	[218][M+1] ²⁺	138
3929259	4812587	[404][M] ⁺	374
20229939	26707332	[441][M] ⁺ [M+Na] ⁺ + 3	8
184313.8	413853.1		147
176354.1	150699.5		245
693121	929947.8	[749][M+3] ⁺	2
1914045	4965743	[1559][M] ²⁺	1
637076.8	1690615	[M+H] ⁺ + 28	26
2.63E+08	4.98E+08		1
162673.3	149068.3		76
317443.2	1260456	[816][M+1] ⁺	11
71814.34	272235.7	[M+K] ⁺ + 49	160
615739.5	307538		188
18348188	36165863	[366][M] ⁺	204
58043670	1.82E+08		2
434186.1	521933.2		405
91518.33	203012.8	[M+Na+NH	52
348803.1	254278.7		115
2793875	3685275	[203][M+1] ⁺	228

119410.1	71928.38	[16][M+1]+	55
112232.1	286314.6	[M+Na]+ 30	51
350838.3	125481.2		65
215846	966617.2		45
555369.1	400664.5		119
260844.2	88157.81	[M+2Na-H]	118
66503.33	152145.2		105
159203.5	47394.69	[1152][M+1]+	249
259835	196345.4		35
42323.68	527270.1	[2M+Na+3I	172
87454.17	173309.9	[M+H+CF3(	95
557648.4	2816008		73
382362.6	96665.36		87
79751.71	150488.2		151
990816.7	1004304	[1329][M+1]+	223
8448.613	435384.9		233
470562.5	406590.2	[676][M+1]2+	266
50713083	1.73E+08	[1292][M]+	1
63633107	19245741	[1319][M]+ [2M+2Na+I	4
238485.6	144138.4		100
762868.4	35578.24		125
1354342	1967889	[944][M+1]2+	13
1686158	1037951	[13][M+1]+	104
80303.83	92059.11		138
52027.52	252400.3		427
9579447	10334932	[905][M]+	330
784596.1	2923830		104
412364.7	2566795		104
18643007	26148683	[465][M+2]+	11
1167139	829896.3		29
556401.9	500656.6		470
5588775	4575213	[867][M]+ [M+H+NH3	391
20394.93	1753819		97
832226.6	845726.3	[1070][M]3+	443
214512.1	275401.5		105
10970825	771826.7		29
1143982	1203126	[1048][M]2 [3M+Na+K]	29
78252.25	101220.7		356
2611366	1993007	[597][M]+ [M+Na]+ 3'	26
532959.8	3413832	[534][M]+ [M+H-C2H4	49
1537998	11583161	[54][M]2+ [M+2H]2+ ,	4
50097.79	111445.6		221
333705	469823.3	[M+H]+ 42,	172
798406	460633.6	[M+Na+HC	119
69467.26	521739.6		26
157159	70199.23	[1249][M+1]2+	202
459328.3	210384.9	[1152][M]+	249

91271.17	101528.5	[896][M+1]+	196
1180340	11620880	[504][M]2+	1
210460.8	215684.4	[308][M+1]+	245
75611.34	667197.1		300
375956.6	533827		289
67806.85	1790209		97
1500430	1644310		10
1239839	916443.8	[608][M+1]+	4
66242371	92955744	[21][M]+	17
1464723	11569983	[462][M]+	104
1281172	978518.4	[1470][M+1]+	143
505790.9	635424.8	[3M+2Na]2	104
352288.3	3748284		104
1925927	2302157	[563][M]+	20
57971570	76827908	[102][M]+	93
1913377	7338829		1
1906663	20064185		1
122218.4	130634.7		116
155047.6	2141483		124
1487353	215249	[1044][M]+ [M+K+NH3	206
805767.2	12469189		172
1363094	4244783	[1123][M+1]+	26
480379.8	1991481	[3M+2H]2+	49
307037.3	205385.8	[1539][M+2]+	100
804476.1	994956.6	[M+Na]+ 4	199
19753.55	1048827		104
1739066	4728247	[M+3H-CH ₂	11
11345426	1.4E+08		1
2591096	35078400		1
12727910	22629323	[66][M]+	190
2760387	50449034	[339][M+1]3+	1
3432870	27901925	[415][M]2+	1
489365.7	950002.1		245
426649.6	8166305		133
50978634	2511572	[472][M+2]2+	1
228705.2	320588.9		119
130103.6	218792.7		243
545139.3	487247.4	[265][M+1]+	243
1.21E+08	1.75E+08		1
28986681	1.05E+08		1
3628.979	1167884	[1263][M+1]+	4
406681.6	824036.5		19
443918.6	485602.7		167
1102143	1183961		1
348208.8	618865.2	[1171][M+1]+	10
23497.59	97449.01		61
140559.9	738843	[M+Na]+ 2	107

191218.2	472574.4		149
260564.9	2526036	[306][M+2]+	152
1939873	7148445	[1524][M+1]+	11
5469873	6078885	[M+H]+ 37!	137
1974188	1840302		133
314960.7	1650911		56
5186385	9981513	[M+K]+ 33!	225
69845.15	235073.7		159
115902.6	1392061	[M+Na]+ 4!	65
6765141	5894803	[1218][M+1]+	29
7475.736	739163.1		91
302993.3	204457.7		20
123038.7	160982.3	[905][M+2]+	330
2104907	1572802	[1181][M+1]+	17
328666.8	120543.4		162
540502.1	580807.4		54
526055	2545417	[M+H-CO]+	18
4558057	17644445	[1524][M]+ [M+K]+ 86!	11
355282	231909.1	[3M+H+K]2	18
133793.1	117701.7		321
8832393	67937339		1
572085.4	478776.4		211
5532770	6819992	[571][M+2]+	37
224442	324194.7	[226][M+1]+	376
594286.7	7563355		1
3803378	1033458	[1130][M+1]2+	18
217401.6	88060.28	[M+H]+ 34!	22
1297802	276284.6	[718][M+1]+	20
810514	432868.9	[371][M+1]+	272
193989.4	3888818	[374][M+2]2+	1
406645.7	797866.3		61
71121.65	1707177	[M+Na]+ 4!	133
1753866	2661699		28
1077105	1096683	[1471][M+2]+	175
240148.8	309965.2		113
1823526	19993682	[339][M+2]3+	1
1.56E+08	3.12E+08	[1230][M+1]+	10
542281.3	174733.8		233
4257298	4224653	[757][M]+	370
505355.3	2151905		19
21795942	13898289	[251][M]+	233
443663.7	3930857	[2M+3H]3+	209
8367278	5917455	[M+2H]2+ :	260
1214998	753945.1	[1110][M+1]+	314
399186.5	392300.4	[M+H]+ 47!	15
86018.06	185925.3		276
775656.2	8638501	[3M+2K]2+	104

1869262	2265204	[577][M]+	20
24222.19	319956		269
332838.8	1221788	[216][M+1]2+	10
394109.3	1028490		2
141699.3	198025.7	[65][M+2]+	204
1668817	1153386	[M+K]+ 56'	75
428996.2	399830.2	[1074][M+1]+	360
1144772	1598241	[M+K+HCO	104
940355.6	1713970		179
61030750	72806412	[571][M+1]+	37
166675.5	236247.3		185
658416.1	1130628		21
1825665	2803204		9
476722.6	272064.5	[616][M+2]+	90
464306.4	694802.1		181
67308.2	1031918	[M+H+CF3(	55
5871064	20098772	[50][M]+ [M+Na]+ 2(	209
7605687	33933662	[59][M+2]2+	4
848569.7	8992698		1
1776846	1291986		159
256792.8	737906.9		114
148975.5	196992.2	[121][M+1]2+	107
623091.8	17917355		1
251168.2	270036.8	[M+K]+ 43'	18
142315.3	743732.6	[48][M+1]2+	20
1330438	3847977	[855][M+1]+	2
84297.86	43547.91	[1110][M+2]+	314
51654	346170	[M+H+HCC	104
0	398981.4		124
1005992	1030294		204
23194597	1.02E+08	[M+H]+ 42'	4
597306.4	213452.1		55
21466081	24749958	[11][M]+	4
1343374	3818734		258
466987.8	11079027	[656][M]+	97
101677.2	19345.44		241
213392	574067.1		308
6307380	4532258	[1225][M+1]+	47
425681	905747.4	[366][M+2]+	204
316493.8	3793973	[477][M+2]+	1
2.52E+08	2.92E+08	[571][M]+	37
315460.7	696271.6		167
2614637	32028939	[661][M]+	104
924976	1435245	[759][M+1]3+	2
718028.3	1519575		119
221338.1	608768.4	[1272][M+1]+	26
588138.1	383549.9	[1377][M+2]+	29

1161352	11812203		1
308602.3	116734.2	[1261][M+1]+	104
327732.1	292390.1		327
541709.4	435638.9	[1064][M+2]+	96
41194.68	42193.75		138
5757233	12061916	[M+H]+ 37:	173
1180615	3655330	[M+H-C2H4	11
3468843	3029601	[M+H]+ 21:	104
336186.4	121969.7		332
1747269	1636201	[1216][M]+ [M+H]+ 61:	29
583938.4	550250.6		219
252021.8	140950	[M+Na]+ 30:	214
74859998	1.47E+08		1
4224442	4121349	[237][M+1]+	213
1048523	1833859	[845][M+1]+	155
604701.5	356674	[1300][M+1]+	107
4218551	4304999	[1310][M]+ [M+Na]+ 6:	104
27616132	31726006	[60][M]+	4
892477.2	795127.7	[M+K]+ 35:	217
2757849	2792151	[24][M]+ [M+K+HCO	78
704593.1	68282.7	[M+K]+ 49:	206
369463.9	623250.8		465
4382929	4333564		1
1994026	1328209		191
844456.8	785519.5	[M+H]+ 59:	213
2356852	3379753		4
119272.3	161863.1	[M+H-C3H3	284
919732.3	1147530	[129][M+1]+	37
1839219	12966107		1
302859.3	239641.8		175
3143000	16131734		12
931954.9	2296711		104
154284.1	200147.8	[1147][M+2]+	29
276407.7	401193.7		190
261403	532242.7		147
132909.2	241115.7		338
6923809	10149218	[1506][M]+ [2M+K]+ 4:	11
276598.1	413476.6	[M+H-C3H3	29
50029.98	767308.3		90
513197	453370		354
203781.4	395432.4	[M+Na+Na	281
528106.3	1770637	[171][M+2]+	199
620453.6	7177941		25
8763066	10794276		4
5604219	4183916	[M+2H]2+ :	202
4745041	25950657		104
240792.4	487612.7	[1507][M+1]+	113

280502.9	115673.7		329
3942008	2354261	[1110][M]+	314
618057.3	342972.2		29
802295.1	1600283	[M+K]+ 369	49
215799.6	156448.6		70
733757.3	2242538	[913][M+1]2+	2
1912554	22312661	[M+Na+HC	104
1533993	9165899	[357][M]+	73
11193938	24736341	[100][M]+	290
1149013	2384568		70
6712816	20083392	[1123][M]+ [M+Na]+ 5!	26
906276.1	20813192	[393][M]+	55
356026.6	682882.6	[623][M]+ [M+Na]+ 3!	49
6528054	3410036	[3M+3Na+H	104
1175402	262276.5		113
74392.94	238438.2		11
4215889	2086972	[937][M]+	66
170252	297018	[3M+2K-H]	55
927881.4	373813.3	[M+Na]+ 5!	25
1070630	439801.3	[M+Na]+ 3!	112
248175.1	3190390		91
759999.2	7353510		303
171424	6769090		1
524873.2	364180.9		151
1047858	1282025		20
1328708	1755862	[144][M+1]+	178
7679205	52769265		1
3504646	5262213		290
1761407	613611.6	[M+H]+ 37!	171
140883.6	113443		181
348635.4	2976326	[M+H]+ 18!	133
592688.8	2092415	[M+H]+ 30!	65
96639.47	267634		245
40106.92	55745.66		138
2947274	6329774		279
861207.9	1542741	[1280][M+1]+	28
361863.5	472199.9		325
707320.4	357390.3		245
774427.9	530320.1		376
124305.4	45609.72	[M+2K-H]+	107
99821.77	1113755		95
2706982	5432505	[853][M+1]+	2
155022.1	342482		304
55685.65	345445	[756][M+1]+	106
177954.4	288918.5	[183][M+1]+	315
2176884	28415792		1
288285.4	373034.8		253

326719	209818.9	[1137][M+1]+	114
393325.2	1189938		2
28613.84	1616403		172
557460	17009955		1
2354761	3301410	[94][M+1]2+	2
772383.4	460956.7	[M+H]+ 24:	94
159185.2	1943742	[2M+H]+ 1:	88
1040958	7080247	[M+K]+ 57:	18
163827.6	153302.3	[935][M+1]+	229
1917789	1893666	[145][M]+	105
4001878	8599859	[1574][M+1]+	11
7399264	8153386	[499][M]+	37
1056102	6521980	[1263][M]+	4
2209759	1632586	[M+H-CH2]	64
154363.8	90803.53		409
846206.3	767808.6	[M+H-C4H8]	237
177970.1	140659.3		283
2.99E+09	4.08E+09		2
1039280	1376617	[639][M+2]+	119
2314553	3500948	[1027][M+1]+	128
1268098	974287.5		130
4.1E+08	8.48E+08	[1230][M]+	10
371039.9	133880.4	[3M+K]+ 2:	25
155661.6	273805.8		231
2648997	1517199		55
1537024	6995170	[1506][M+1]+	11
104101	86103.41	[1441][M+1]+	34
178538.1	854508.2	[M+Na]+ 4:	55
25368122	1975087	[1347][M]+	2
1340539	1352125	[753][M]2+	32
1340281	19919436		1
305018.4	374451	[3M+K]+ 2:	284
10228471	12230178	[M+H+NH3]	29
63444297	1.3E+08	[389][M]+	1
833284.3	17650154		1
5284084	6393741	[3M+2Na]2	8
39386.33	168926.8	[M+K+NH3]	34
2589999	17040974	[1199][M]2+	11
190661.6	1203494	[M+2H]2+	49
513628.3	703452.6	[509][M+2]+	257
665559.6	309447.3		29
1082901	106281.9	[M+H-CH2]	249
3266464	2338615	[1470][M]+	143
1054096	3352946	[M+H-H2O]	65
331598.6	273570.4		397
1141502	787081.4	[999][M]+	41
486611.3	229456	[1114][M+3]+	47

320424.3	1389016	[76][M+1]+	55
3609280	4952701	[1409][M]+ [M+H]+ 74:	104
139949.3	3034642	[M+Na]+ 3:	172
836834	626132.2	[M+Na]+ 2:	65
1679363	6467012	[1570][M+4]2+	11
83152.64	10094.31		268
4840615	5024505	[1468][M]+	217
9150279	11126331	[18][M]+	97
5299859	4195516	[789][M]+ [M+K]+ 42:	52
311595.6	383186		459
170378.2	169965.3	[214][M+1]+	199
567754.2	4003767	[M+H]+ 15:	180
98536897	3.68E+08	[475][M+2]+	1
3762415	3122427		260
286996.6	198801.1	[286][M+2]+	17
4002730	864478.2	[1512][M]+ [M+Na]+ 8:	18
7212229	5461861	[600][M+3]+	4
660247.4	3227449	[M+Na]+ 3:	172
782599.6	98219.63		244
755345.7	653476.9		69
2840535	1854175	[1487][M]+ [M+H]+ 82:	325
1.45E+09	6.82E+09	[475][M]+	1
1851641	30477484	[108][M]+	208
8327231	39697037		1
1866906	1453131	[1057][M]2+	201
5016542	6589807		1
20012993	13106938	[1069][M]+	2
3133406	6535717	[366][M+1]+	204
256706.1	214742.4		69
1301197	1540700	[499][M+1]+	37
562237.1	569896.3		227
171653.9	2914106	[M+K+CF3C	104
102491.7	226107		253
74759.81	140495.7	[550][M+1]+	169
947548.5	20897261		1
160378.3	301140.3	[M+H-C6H:	169
3396892	6451377		70
332064.6	2457451	[M+H]+ 29:	208
2792736	2931023	[45][M]+ [M+H-C4H:	16
79949.76	242376.7	[791][M+1]+	95
2668213	6410275	[926][M+1]+	2
745856.7	438330.6	[1103][M+1]+	66
21175751	1.71E+08		1
2304289	4424463		2
2.18E+08	3.19E+08	[465][M+1]+	11
358667.6	775348.8	[M+H-C4H:	49
111802.2	315134.4	[1369][M+1]+	321

2037269	1934122	[M+K]+ 28	16
4160261	3507202	[717][M]+	236
2160802	3034387	[M+H-H2O]	11
215439.2	965911.2		45
323147.7	1803193		172
311596.3	198115.2	[M+H]+ 75	206
397168.7	424479.4	[223][M+1]+	217
2760392	3357100		164
9.4E+08	1.4E+09	[M+H]+ 36	11
21134755	13803141	[13][M]+	104
321325.4	6332154		97
8209701	11246689	[102][M+1]+	93
0	2457718		311
99458.33	521275.4		224
3211357	2527851	[1113][M+1]+	176
836549	1964905	[M+H]+ 69	333
2004355	3532311	[1503][M]+	60
1215902	6874953		233
2027095	3295229	[308][M]+ [M+H-C2H	245
1585491	1398855	[1448][M]+	444
1569595	1078894	[987][M]+	293
22635.05	1511365		91
55223.94	238405.6	[M+K+NH3	199
976367.5	78654.69	[1183][M+1]+	176
157835.5	62743.5	[1127][M]2+	18
90133.29	410680.5	[1056][M+1]+	71
64857.23	3519948	[M+K]+ 62	55
3922657	5129040		100
615612.4	638601.8		2
58071.57	180296.2		138
2501408	2420240	[441][M+1]+	8
366851.5	545495		244
7602477	4372045	[862][M]2+ [M+2H]2+ !	257
738712.5	6118823	[890][M]+	37
178730.9	28361334		1
687277.8	514519.3		217
2207442	1691882		392
6275638	21313920	[1570][M+1]2+	11
1673722	809692.9	[M+K]+ 37	79
691992.3	411099.7	[992][M]+	412
1502728	7304284	[146][M]+ [M+K]+ 23	16
117822.2	60502.03	[1343][M+1]+	34
815170.3	795320.7		280
3757840	9862248	[362][M+1]3+	1
52955715	5.02E+08	[1445][M]+	1
216735.6	1861387	[153][M+1]+	55
201063	141039.5		114

5830818	4208560	[369][M]+ [M+H+NH3	134
13453471	10452394	[1024][M]+	242
467915	1887657		291
1079171	370771.7	[1202][M+1]+	16
1205163	224746.4	[788][M]+ [M+K]+ 420	202
204443.4	274521.3		35
25306107	27719321	[467][M]+	248
64628.01	61369.69		47
2127896	320700.6	[2M+H]+ 5:	18
1118949	15130048		1
614311.8	1666301	[1092][M]+ [M+K+CF3C	284
2245738	2757096	[M+Na+NH	223
286879.5	691576	[883][M+2]+	159
763628.7	717679.4		14
2206405	1941870	[M+Na]+ 2:	156
157798	3303532		1
481030.2	368872.5		201
274617.8	671590.8	[M+Na]+ 4:	215
772068	840158.4		20
120185.4	25828.46	[3M+2K]2+	47
1487341	2027673	[39][M+1]+	228
3733023	272926.2	[M+Na+NH	95
267761.5	977877.2		124
10211095	30049666	[772][M]+ [M+Na]+ 4:	4
1155060	1452475	[150][M+1]+	84
91070.37	621416.3		110
12538883	5571185	[471][M]+ [M+Na]+ 3:	143
1954946	2677343	[696][M+1]+	179
402134.6	1941708		28
793322.1	840023.9	[356][M+4]+	18
213071.6	1107971	[M+H-CO2]	55
735465	339260.1	[M+Na]+ 2:	104
400506.9	1782822	[M+2K]2+ 4:	55
570742.9	476099.3	[518][M+1]+	236
149087.2	531659.5	[1479][M+1]+	49
2201662	2730651		306
1080726	1515833		71
3107078	1161255	[1202][M]+	16
409556.7	535683.9	[563][M+1]+	20
98339.3	841137.1		152
1722039	32165391	[681][M]+ [M+Na]+ 4:	55
42388.77	858168.8	[656][M+2]+	97
1077571	212774.4	[1179][M+1]+	61
402237.3	300284.4		303
1.28E+08	1.84E+08	[835][M+2]+	2
539653.7	11047868	[547][M+1]+	55
2591622	16056857		1

407055.1	208088	[1007][M+2]+	75
2620782	1598086	[1103][M]+ [2M+Na]+	66
432859.6	8570300		55
88291.48	482418.6	[50][M+2]+	209
443949.1	157061.5	[M+Na+K]2	47
5165845	4103020		241
1387740	1378286	[1536][M]+	301
10941498	16254948	[1095][M]+	160
125753.7	255230	[M+H-H2O]	119
298136	986649.1		306
1108687	3758039		26
2556320	2587479	[16][M]+	55
859153.8	1168990		288
27949795	61500123	[832][M]+ [M+Na]+ 4!	26
2310056	3437482	[162][M]+	17
428317.6	495254.7		112
6017692	1.15E+08	[547][M]+ [M+K]+ 34!	55
214457.8	3027635	[661][M+1]+	104
8709259	11909691	[1308][M+2]+	1
8206881	7543106	[665][M]+	123
112581	135567.7	[M+K]+ 41!	245
29082556	28794251	[237][M]+ [M+H+NH3	213
531134.7	774102.6		13
286027.4	1920024		433
2682939	2765279	[M+K+NH3	87
454575.5	436975.2		381
8068883	9412348	[129][M]+	37
12286893	45730047	[59][M+1]2+	4
4828685	5162165	[469][M]+	125
960169.7	286351		170
1539995	1338442		94
2129101	5555611	[1362][M+4]+	1
258026.8	1796202	[M+H-C2H4	104
483104.3	212137.7		401
4193567	2939364	[M+Na+NH	104
270040.8	79237.48		453
93892.68	227834		41
629072.4	896012.2	[605][M]2+	139
1827556	1632288	[1085][M]+ [M+K]+ 52!	75
616893.1	398379		239
236812.7	1250424		11
1463422	1488950	[109][M+1]+	178
241865.6	94928.57		18
991774.5	1930054		113
91411.98	221104.1	[M+K+NaCl	55
43873077	57379706	[1341][M]+	1
352913	1285556		161

2335332	372741.9	[M+2Na-H]	55
396506.9	4862004	[1545][M+1]+	11
83744.68	30478.27	[M+H-C3H2]	172
1017882	4579530	[M+Na]+ 3:	109
84425776	1.17E+08	[1214][M]+ [M+H]+ 61:	73
993663.9	652123.7	[1494][M+1]+	416
554666.1	1921213	[M+H+HCC	26
487471.6	870049.5		8
115432.8	110759.7		18
144163	221680.3	[M+Na]+ 3:	116
2467306	2964911		117
10089879	1.15E+08		1
7286308	8816117		88
13744.39	2387160	[M+H-C3H2]	199
64911.53	446440.4	[M+K+NaCl	107
1395929	1346108		355
13183070	62611879		11
445211	1614419	[92][M+1]+	152
1469180	1178951	[1137][M]+	114
130558.6	1700477	[M+Na+Na	55
92535.39	126486.4	[M+H]+ 51:	18
3881919	58182465	[494][M]2+	1
720106.7	601391.6	[M+K+HCO	18
44733.8	117598.9		186
98006.37	126387.3		191
1320709	1856018		396
579246.9	20730676	[119][M+1]+	91
3.88E+09	7.5E+09	[1350][M+1]+	1
1516781	1993231		136
5999938	5974877	[M+H-CO]+	100
1071311	468940.7		175
300208.9	304133	[278][M+1]2+	83
1119552	506666.3	[260][M]+ [M+K]+ 27:	66
1597061	1249681	[207][M+1]+	66
128728.4	70330.48	[274][M+2]2+	118
2465508	3617263		400
613047.4	570080.1	[M+H-CH2]	40
272662	190102.9	[204][M+1]+	231
132455.1	352119.1	[2M+Na]+ :	49
295389.3	74560.59	[1504][M+1]+	134
23067328	9896621		145
8205588	12078260	[1027][M]+ [M+H]+ 53:	128
4424495	954956.7	[1179][M]+	61
158605.8	502643.8	[M+H]+ 35:	103
467541.2	216901.1		29
676409.3	764902.9		327
4823171	12668982		1

165031.5	551844.5	[1296][M+1]+	49
176951.3	124327.3	[773][M+1]+	276
8747.954	421769.1		55
628308.3	1452439	[51][M]2+ [M+H+Na]2+	169
2080917	2686641	[958][M+1]+	116
2526521	1140983	[762][M]+ [M+Na+K]+	52
52151.6	119645.2	[M+K+NaCl]	103
348219.9	201269.3	[M+2H-H2O]	83
17783113	84909445		1
250490.9	278505.8	[573][M+1]+	101
169198.7	85166.07		175
14536906	21049364		148
1142123	643283.2	[236][M+1]+	24
8107368	32748356	[919][M+1]+	4
423006.2	1835178		90
277441.8	500574.1	[1119][M+1]2+	322
671365	1060045	[M+Na]+ 6:	31
591674.6	699984.7		20
1338426	5422292	[1458][M]2+	1
641164.3	581269.9	[1402][M]+ [M+H]+ 73	34
533484.8	1270865	[1479][M]+	49
105609.8	620450.5	[1375][M+1]+	73
45093764	91586774		1
624681	552283.5	[M+Na+HC]	29
185133.5	198105.8		25
370670.2	1811138	[M+H+NH3]	104
2830183	5864115		17
111221.3	234285.7	[460][M+2]+	29
6202909	10516806		1
422626.3	2512268		81
1179167	6696482	[502][M+1]2+	1
523044	267785.1	[M+H-COCl]	159
562363.3	464669.2		445
1064206	2608033		26
245246.7	133694.5	[M+Na]+ 4:	157
146545.9	2122285	[M+K]+ 61:	29
348971	354451.7		108
243157.7	173823.3	[1402][M+1]+	34
1203804	396770.8		61
1026955	29006.24	[2M+Na]+ :	23
3409472	8983241	[504][M+2]2+	1
467458.3	320726.9	[M+H-H2O]	57
10483360	38330666		4
248868.1	561542	[M+H-C4H8]	178
869360.5	624557.8	[327][M+1]+	118
7097477	12141939	[65][M]+	204
2889376	1861834		29

15845657	27259960	[130][M]+ [M+H]+ 260	116
268484.4	888439.8	[1349][M+2]+	49
284706.6	319412.7	[210][M+2]+	18
930740.6	2095429	[168][M]+	245
4232486	1768728	[170][M]+ [M+H-CH3]	72
2564006	6388091	[733][M]+	71
2042616	2246545	[905][M+1]+	330
82016.88	635306	[M+K+CF3C	104
963453.8	2185535	[100][M+1]+	290
1264727	22505024		1
367513.4	622926.2		31
449234.1	494172.2		29
1879698	5723743	[M+2K]2+ 4	169
9397204	31401215	[M+2K-H]+	8
283265.6	216332.7		427
780332.7	369704.5	[1191][M+1]+	127
145598.4	298749		46
1233590	1444593	[281][M+1]+	182
3200338	3142090	[M+K]+ 260	87
593811.5	385009.9	[880][M+1]+	190
282627.9	1290054	[M+Na]+ 20	133
583606.6	674391.1		44
2713841	1286842	[1228][M]+ [M+2K-H]+	118
357465.6	334934.2		171
64930.59	109198.6	[437][M+1]+	324
609421.9	1454014		2
524035	194036.3		16
402987.1	356778.7	[457][M+1]+	230
336238	47712.28	[M+H+NH3	309
234660.8	1311217	[1189][M+4]+	29
706185.7	405172	[M+2Na-H]	100
403408.2	122900.4		95
323217.6	2108435		91
254054.9	1927617		136
366733.7	466968.1	[577][M+1]+	20
4865476	2877824		305
363348.4	1423370	[1302][M+1]+	56
687948.2	1102458	[752][M+1]+	169
897968.4	852599.5		277
566033.1	207196	[1225][M+2]+	47
49703.47	244690.7	[2M+Na+K]	110
2750952	496482.4	[M+Na]+ 70	18
435649.9	9027454		104
5584239	15718941		70
218841.6	381075.9		147
547532.3	289199.3	[1369][M]+	321
4727987	46873255	[1197][M]+	11

114872.8	260364.4	[1223][M+1]+	10
104398	1324122	[M+Na]+ 5:	55
841945.4	771390.2		112
332207.9	156135.6	[578][M+1]2+	104
277142.2	313597.3	[M+H]+ 33:	151
2554756	2254960	[128][M+1]+	20
6888543	44422399	[285][M]+ [M+K+HCO	172
1304959	1017697		139
1054065	541486.6	[874][M]+ [M+H-CH2]	23
9223588	45539691		11
237167.4	2586145	[3M+H]+ 1:	104
3040778	4613594		290
2444804	4291792		55
1249704	599521	[1283][M]+	52
653261.7	1.75E+09	[475][M+1]+	1
3975044	2614749	[M+2Na-H]	284
210801.9	2822319	[1096][M]+	104
2327688	2555451		248
142483.8	218129.5	[1391][M+1]+	314
14912142	8636429	[378][M+1]2+	1
1093792	965512.8	[M+H+HCC	215
698539.8	11973681		1
51287782	2.43E+08		1
337884.1	496852.7	[218][M+2]2+	138
33866.23	855766.6	[M+H-CH3]	79
458174.8	453457.7		62
1904199	1528440	[526][M+1]+	70
19455554	19406225	[1023][M]+ [M+K+NH3	263
2.83E+08	898625.7	[M+K]+ 26:	26
930050.3	583728.4		72
1221705	4268045		61
177397	70530.22		221
2082228	2608941	[1567][M+1]2+	11
3240313	49076731		58
513495	923131.5		235
6248038	21554398	[472][M]2+	1
315126.1	404001.3	[497][M+1]+	103
110025.5	240525.7		217
1582235	2362716		428
388097.5	296932.1		244
192766.8	52140.9	[386][M+1]2+	46
2018785	1239301	[1408][M+2]+	29
280014.8	260012.9	[M+H+NH3	49
233378	256592.7		178
474783.1	343745.4	[987][M+1]+	293
4435381	12689087	[1570][M+3]2+	11
173488.1	106664.9	[M+Na+Na	108

6439085	5845719	[1107][M]+	107
2.09E+08	1.37E+08	[728][M]+	35
336807.9	378549	[1441][M]+	34
92886.45	343487.6		169
648357	603920.1	[1536][M+1]+	301
57314.56	785514.3	[M+H-CO2]	199
487442.2	675266.1		342
29192.68	326406.3	[406][M+1]+	186
326046.7	325318.5		112
176790.8	241490.4		48
1104544	1825160		26
31639.68	214033.3		194
43135.85	560316.6	[278][M]2+	83
641483.7	508132.6		264
612845.5	577554.1	[M+H]+ 25:	79
2390610	7378478		1
472193.7	1531232		49
25207.23	917332.1		124
2075483	231166.8		278
215750.2	79392.47		200
84601.89	1665619		171
1711029	7113775		264
412829.8	597064		93
1501937	2880805	[M+H-COCl	4
42428171	74994541		131
5631966	35869145	[28][M]+	133
470126.9	492745.5	[3M+H+Na	103
18525.35	391613.1		290
1789553	1005152		75
8280756	9410173	[M+K]+ 376	218
363432.6	152566.7	[1185][M+1]+	111
2675855	733337.3		1
36323.58	809415.6		196
284231.2	443025		104
383463.1	447625.7	[M+K]+ 267	309
63806.47	511499.1		103
95713.13	1756816	[M+Na+CF3	104
185772.2	197278.3	[M+H]+ 436	159
673182.8	12936778	[1197][M+1]+	11
867489	1046026		245
17526937	12021809	[996][M]+ [M+K+NH3	261
530660.8	3834615		198
207075.1	5161455	[765][M]+ [M+K]+ 414	103
324124.6	848296.7		435
1002723	15369293		1
18689304	18441750	[128][M]+	20
333878.7	428588.3	[411][M+1]2+	116

820510.2	5287674		171
223974.7	4134029	[1237][M+4]+	29
11420655	10257220	[1295][M+1]+	205
724755.6	381904.5	[1408][M+4]+	29
15173177	16645760		134
2089016	2949165	[M+Na]+ 4!	8
3924710	9189250		1
3505632	3788105	[330][M+1]+	124
1035401	1209085		338
1464641	931304.8	[1539][M+1]+	100
13619090	17239506	[144][M]+ [M+H+NH3	178
3467736	31825093	[153][M]+ [M+Na+Na	55
302025.9	282446.6		342
19411.05	1338472		124
887897.2	3783221		12
37657271	1.75E+08	[919][M]+ [M+Na+HC	4
6.5E+08	3.56E+08	[591][M]+ [M+H]+ 39!	23
853315.8	294866.7	[1569][M+1]+	29
1109991	3484761		390
676261.3	1280073	[313][M+1]2+	60
2050503	7371389	[219][M]+ [M+Na]+ 2'	49
615659.2	3552611		133
1542254	2368731		28
6991013	9177827	[1568][M+2]+	11
7965000	6009744	[860][M]+	236
18873032	18884718	[498][M]+	20
233547.2	1172685		103
46431.72	383361.7		240
4148610	43347190	[81][M]+ [M+Na]+ 2!	199
142752.6	32072.28		114
15019.03	283086.1		103
1157154	1891017	[871][M]+	10
82034.33	411096.5		55
107965.9	343027.4		44
5714214	5241836	[36][M]+	70
109890.1	233589.5		160
454581.9	272130.4	[M+Na]+ 2!	304
100472.5	266791.3	[1455][M+2]+	34
244741.6	2457037	[165][M+1]+	199
1180566	1936968	[271][M]+	124
5511247	15518734	[1570][M]2 [2M+H+Na	11
14904232	4073544	[926][M]+	2
402075	60954.56		270
1591208	2171327		284
315784.5	302122.5	[M+2H-HC(	118
548187.8	930365.6		302
1946147	2974049	[1447][M]+	26

3466380	7680153		1
824205.3	786022.5	[1394][M+1]+	313
389963	2947366		172
1504446	1151348	[689][M]2+	175
1710651	2726134	[1338][M+1]+	60
752518.5	544487.5	[1464][M+2]+	278
55005046	15905777		53
9554136	31327998		70
22853120	34440646		321
61229523	39984193	[728][M+1]+	35
244251	2265766	[1129][M]+	29
223947.3	650528.2		144
58012.03	158544.8		176
1276571	841411.8	[1145][M]+	338
346139.7	275729.1	[531][M+1]+	71
7119204	7392804	[379][M+1]+	244
59852.28	139806.6	[M+K+NH3	293
1514619	3634763	[537][M]2+	70
196091.8	448480.2		289
21717113	62033207	[646][M]+ [M+H]+ 41	104
1799070	1546159	[1519][M+1]+	200
242471.8	207284.6	[1583][M+2]+	34
9365780	11382797	[21][M+1]+	17
2807265	3411580	[708][M+2]+	2
519578.7	27058997	[548][M]+ [M+K]+ 34	199
598968.9	702110.6	[757][M+1]+	370
186747.2	192404.3		336
140322.8	0		46
624286	907224.4		397
1173235	953576.5	[1005][M+1]+	16
178851.8	549482.3		217
7354105	33660593		7
291963.7	236315.6	[1530][M+5]+	100
98136.36	130496.7	[M+H-H20]	245
16672.34	534269.5		55
7504313	9671524	[96][M]+ [M+Na+HC	103
312245.9	228395.3	[1250][M+1]+	338
780804.2	839263.2	[313][M+2]2+	60
115849.7	227631.1	[1080][M+2]+	217
647221.5	1606305		290
1656400	470608.9		353
974775.3	4055529		182
1354374	1222666	[1107][M+1]+	107
627818.5	824145.7	[M+K]+ 28	116
75795.77	430969	[3M+3K-H]	138
309709.6	236911.1		174
2470465	6451989	[816][M]+	11

371723	321961.9	[M+H+Na] ²⁺	219
1814324	1282867		8
231700.7	1757824		104
217309.1	311463.8	[254][M+1] ⁺	112
3994557	5785187	[387][M] ⁺ [M+H+NH ₃	31
340634.2	285621.1		47
210516.8	450520.9	[M+Na] ⁺ 3!	119
17604.01	472028.8		55
35659	164279.8	[M+H+HCC	178
1775209	1105546	[1154][M] ²⁺ [2M+2Na+I	29
140611.9	37762.75		337
1827759	1645641	[M+H+Na] ²⁺	100
1313336	1553184	[214][M] ⁺	199
311855.4	495768.7	[M+2Na-H]	133
2091862	18863882	[3M+2K] ²⁺	55
62678.39	401443.3		239
548261.4	603311.3		349
863624.4	8.4E+08		1
5185818	3944627	[1005][M] ⁺	16
1171558	1175962	[619][M] ⁺	449
870583.3	1286512		8
2962140	7170181		70
451543.7	526106.6		66
3076248	4753251		63
510167.1	381407.2	[1047][M+1] ⁺	160
195654.4	6091603		1
960718	794362.4	[1583][M] ⁺	34
419333.5	372731.7		151
296274.9	742004.8	[1430][M+2] ⁺	29
6193595	32073074	[746][M] ²⁺	11
6655157	19071515	[92][M] ⁺	152
201977.3	152186.1	[1037][M+1] ⁺	372
430819.9	154923.5	[747][M+2] ⁺	172
195189.9	319287.6		181
138901.2	273557.3		465
174941	644479.6	[M+H] ⁺ 39!	55
2657392	29980231	[165][M] ⁺	199
1153658	116290.1	[1404][M] ⁺ [M+Na] ⁺ 7!	18
474720.3	337088.8	[M+H] ⁺ 35!	221
75183.68	41932.05		29
508169.5	431499.7	[M+H-H ₂ O]	143
145397.2	1290592	[M+H-COCl	55
197344.8	388371.6	[241][M+1] ⁺	27
13784.4	965769.6		96
724700.4	620128.4	[1583][M+1] ⁺	34
1718481	766976.8	[M+H+K] ²⁺	18
8006000	9648268	[281][M] ⁺	182

539615.3	45102.16	[1561][M+1]+	29
2854489	1735195	[1423][M+1]+	143
2359671	1809167	[1494][M]+	416
582161.2	446840.4		405
441081.9	499758		52
1141068	572206.8	[853][M+4]+	2
413931.4	410274.7	[1401][M+2]+	34
18360772	37263247	[702][M]+ [M+H]+ 43:	26
169319.7	245353.1	[M+H-COCl	119
209896.4	277222.4		336
5508101	13683411		11
1.31E+08	71586059	[591][M+1]+	23
183021.1	2120633	[M+K]+ 62:	47
1458187	958678.4	[M+H]+ 51:	11
147843.9	683214.2	[M+K+NH3	11
7867411	11379060	[958][M]+	116
122287.1	284614.1		381
398358.8	232393.2	[2M+H]+ 5:	29
969351.4	1177762	[M+H+HCC	8
2131974	5343577	[141][M+2]2+	11
1366178	2095220	[241][M]+	27
451526	1941268		52
72230.95	55554.45		37
579217.5	1433411		323
778891.5	1859574	[1078][M]+	169
113255.2	117128.6		207
20279340	23713683	[330][M]+	124
426692.3	234255.4		108
1030738	933145.3	[1386][M]+ [M+H-CH2]	34
266953	215198.8		261
88270.37	87433.61	[M+3H]3+ :	282
543514.4	848967.8		147
112769.7	206932.9		116
6856476	31401125	[1362][M+3]+	1
514909.2	486973.5	[223][M+2]+	217
91979412	91653188	[287][M]+ [M+H-H2O]	83
504066.4	652472.3	[M+H]+ 43:	217
123558.3	639628.5	[1346][M]+	50
1826145	363650.5		438
593669.4	862559.7		10
707010.5	1956315	[66][M+1]+	190
86186.3	627492.3	[M+K]+ 24:	17
623771.1	1826430	[945][M+2]+	49
278146.2	2405702		42
284348.9	504699.9	[M+2K]2+ :	116
17460084	3320109		48
12503133	25440229	[697][M]+	235

135226.7	965269.6	[M+2K-H]+	199
1406685	1041071	[789][M+1]+	52
302831.1	698358.5		348
1318342	1310591		178
7.07E+08	4878374	[602][M+1]+	4
13115922	40664860	[699][M]+ [M+H+NH3	104
1269288	1852471	[573][M]+ [M+H+NH3	101
46988.38	2427365		124
2363819	2258742	[M+H]+ 24:	171
326862.5	93436.28		206
1134649	2391371	[394][M]+ [M+K]+ 30:	155
798736.4	624460.3		54
591842.9	7521881		1
870165	4984062		306
14417762	12109084	[207][M]+ [M+Na]+ 2:	66
968662.5	507709.8		23
3341409	3913687	[768][M+1]+	71
342419.3	438382.3		359
506393.7	424087.2	[1522][M+1]+	214
136800.9	184550		232
1325238	764173.2	[1569][M]+	29
75788.68	86173.7	[1099][M+1]+	29
622111.2	245076.6	[1407][M+1]+	29
132198.2	342133.7		174
160010.6	787864.7	[2M+Na]+ :	49
170015.7	2690758	[M+H]+ 42:	55
249430.9	3197175		73
501130.3	1549209	[779][M]+	235
625506.2	536286.9	[M+H-CO2]	55
457761.3	618689.7	[1498][M+2]+	175
851004.4	1344774	[1447][M+1]+	26
4899192	4370846	[963][M]+ [M+Na]+ 4:	116
108049.8	573339	[424][M+2]+	178
136843.9	1345263	[M+K+NaCl	29
18820671	19882900	[M+H]+ 28:	213
6529114	969436.6	[1014][M+1]+	249
14502021	15830138	[109][M]+ [M+H]+ 25:	178
126112.1	359389.4	[M+K]+ 31:	60
4319772	22307703		10
320734.8	973392.4	[50][M+1]+	209
245871.3	1540273		2
14547693	15873560	[572][M+2]+	20
379000.5	148890.4	[M+H-C4H8	15
1391016	1056863	[1072][M]+	176
738107.1	1535353	[1076][M]+ [M+2K-H]+	137
11068158	9209252	[1113][M]+	176
375402.4	252357.4		65

456183.5	1148731	[429][M]2+	288
187168.1	318353.8	[M+H+CF3O]	217
143534.4	382026.1	[M+K+NaCl]	78
137090.1	327577.5	[M+H-COCl]	276
395496.3	368745.4	[M+H-NH3]	134
49753.81	873517	[548][M+2]+	199
871640.7	1047180		326
312566.1	1956769		419
10013073	15892245		1
477965.2	554834.4	[169][M+1]+	107
1018718	328569.9		217
3045669	37569073		1
995019.9	555162.9	[3M+Na+K]	16
12082652	20947710	[268][M]+	26
504334	677659		70
4413810	2336574		104
109235.1	65512.26	[M+H-CH2]	18
514034.5	1946982	[M+Na]+ 4	25
2594527	9603234	[699][M+1]+	104
617302.8	2376319	[3M+Na+K]	49
250286.8	255064.9		19
35940.91	1471034	[M+Na]+ 4	172
841037.1	651641.1		188
830929.7	1742795	[593][M+1]+	4
282546.8	337067.9		70
2144298	2287900		116
154426.2	554882.9		410
2944607	30293114		1
841686.3	1046479	[210][M+1]+	18
3764544	2954124	[1024][M+1]+	242
305356.2	91701.28	[M+H]+ 510	23
1262450	765703.1		318
355056.8	1205469		117
218777.7	100193.7	[3M+Na+K]	16
186488.6	214262.5	[145][M+1]+	105
1192881	10019504		166
46194.11	68973.82	[1278][M+4]+	34
13322791	66057645		10
42385241	52086982	[885][M]+	2
497272.4	258156.9		266
28653087	18117252	[1116][M]+	216
1.3E+08	1.4E+08	[572][M+1]+	20
28477635	1.61E+08	[1029][M]+ [M+K]+ 50	11
83102.07	441102.4		133
202297.9	129078.9	[1129][M+1]+	29
5715406	13786199	[832][M+1]+	26
94722.16	214250.9		398

44430.11	1751187		103
927545.4	406502.4	[M+Na] ⁺ 2!	288
109091.3	179786.7		11
213597.6	681471		26
2474686	2509494	[944][M] ²⁺	13
148288.4	691824.9		204
265224.2	177284.3		158
2233035	4275379	[175][M] ⁺	396
863874	483890.2	[M+2K-H] ⁺	116
86517.03	97037.28	[1401][M+3] ⁺	34
365372.1	808356.6	[M+2H-H2O]	212
6374970	18868901	[1570][M+2] ²⁺	11
3828494	2921345	[996][M+1] ⁺	261
462911.2	647230.6	[M+H] ⁺ 52!	88
142807.9	334290.6	[601][M+1] ⁺	162
1.26E+08	2.78E+08	[1374][M] ⁺	1
44451.75	44941.57		46
18077689	17926398	[287][M+1] ⁺	83
209447.9	208095.8		55
56243.54	436482.3	[365][M+1] ⁺	91
3392814	12094935	[1166][M+2] ⁺	7
209650.5	113104.7		354
131122.9	149702.3		362
1463700	1498657	[1409][M+1] ⁺	104
2912786	3213297		290
1964516	2623424		326
39374.03	112071.2		110
876884.3	354067.9	[827][M] ⁺ [M+Na] ⁺ 4!	172
502954.8	58813.31	[M+K+HCO]	25
2511048	3952318		132
219561.9	105245		22
2117568	772404.7	[259][M+1] ⁺	61
462565.8	737877.5	[1221][M+1] ⁺	10
2121326	3324311	[258][M] ²⁺ [M+2H] ²⁺ 1	73
98003.16	253944.9		39
992971.3	759683.9		219
1393011	1691541		397
1763382	623115.9	[355][M] ⁺ [M+Na] ⁺ 3!	86
1269422	22217907	[1458][M+1] ²⁺	1
37184.72	114880.2		371
247482.1	404536.3	[M+H] ⁺ 85!	101
233192	3792536		55
104913.2	230884.4	[425][M+1] ²⁺	164
7274710	4584219	[1467][M] ⁺	343
87200.32	2119583	[3M+2Na] ²	244
297993.7	1570681	[952][M+1] ⁺	69
3949537	3419979	[1519][M] ⁺	200

171815.4	205427.7	[1067][M+2] ⁺	116
1245108	881108.4	[M+Na] ⁺ 4:	159
2267098	2498772	[1498][M+1] ⁺	175
343472.3	203485.9	[1386][M+1] ⁺	34
443676.9	375432.6	[452][M+1] ⁺	78
685337	676248.6	[M+Na] ⁺ 2:	104
4680968	14827199	[646][M+1] ⁺	104
2798283	4497441	[384][M+1] ⁺	29
602956.7	374693.5	[3M+2Na] ²	217
5.07E+08	5.5E+08	[572][M] ⁺	20
1065377	1013759		388
17494140	99994729	[1166][M+1] ²⁺	7
3741952	3528006	[498][M+1] ⁺	20
785835.5	400792.5		146
30585254	13831745		1
2735300	2211669	[344][M] ⁺	288
133154.4	182092.2	[M+2H-H2O]	218
2821759	3234887	[621][M+2] ⁺	9
2975300	1926130		85
900708.4	555969.6	[1561][M] ⁺	29
562325.6	2137207	[M+Na] ⁺ 2:	104
757620.8	3584485		328
705829.7	5182720		91
3266208	4523245	[1095][M+1] ⁺	160
524482.9	535639.6		55
1123840	4719480		210
1198467	1675124	[973][M] ⁺	164
13053119	16200991	[248][M] ⁺	292
293555.5	269127.8	[1253][M+2] ⁺	73
1104284	2502510		53
21378.73	902657.6		97
1071935	371000.6	[M+K] ⁺ 39:	23
123505.7	1002839		231
70994.61	1628871	[M+K] ⁺ 69:	29
2509317	1055112	[1564][M] ⁺ [2M+2Na] ⁺	29
969823.7	1229700	[1534][M] ⁺ [M+H] ⁺ 92:	23
910271.7	1093651	[456][M+1] ²⁺	2
351775.3	760456.9	[M+K] ⁺ 14:	104
745312.2	4045462	[924][M+3] ⁺	11
0	127584.2		88
137686.6	416589		78
411018.8	8709941		1
1479720	5635775		1
531073.1	4557618	[365][M] ⁺	91
3014258	4983471	[570][M] ⁺	110
106985.4	1504746		199
2705539	16031337	[M+H] ⁺ 25:	133

1.22E+08	1.03E+08	[343][M]+	[M+H+NH3	79
24722.51	2221378			55
275871.3	251869.2		[M+K]+ 31:	83
578009.8	332637		[M+3K-H]2	29
1308490	611491.8			289
74985.27	128688.9		[M+H]+ 56:	173
1101789	2039367			170
80535.95	214706.5		[M+K]+ 45:	55
385061.8	773053.8			353
144328.5	177448.4		[M+Na+HC	49
691471.1	3188601		[2M+H+Na	49
123068.2	112735.2			312
138630.1	307195.9			442
11160687	7856942	[1502][M]+		85
147607.1	36257.14			48
1645007	1397441		[3M+H+K]2	100
339790.5	104223.5	[488][M+1]+		200
959073.2	2528062			190
18586368	93928819	[269][M]+	[M+H-H2O]	103
723690.2	1290035			179
7648625	6580170	[660][M]+	[M+H+NH3	168
376409.2	280059.2			86
1418664	687104.5	[1564][M+1]+		29
32577272	20785266	[1205][M]+	[M+Na+NH	18
312403.3	989099.4			89
34344.32	56917.83	[623][M+1]+		49
305980.8	1488034		[M+2H]2+ :	11
68893.08	158119.8	[67][M+1]+		221
401440.8	337143.6			425
488411.3	1473049			27
270004	299186.6	[102][M+2]+		93
57501.27	1240574	[890][M+1]+		37
1085618	2149819	[955][M+2]+		52
7170005	7029227			157
531098.2	4187131	[615][M]+		96
1907718	2899045	[853][M+2]+		2
1107280	1420427			93
1330203	764207.2	[1487][M+1]+		325
33995.77	301651.9		[M+H]+ 38:	199
2841172	2635851			20
32159745	40249967	[160][M+1]+		16
656345.1	317099.5			430
434133.5	2942904		[M+K+NH3	11
154891.7	341764.8			12
207246.2	1181764	[1161][M+1]+		49
444823.5	470400		[M+2H-CO(	104
85506.42	106013.7			120

7796366	21354553	[26][M+1]+	4
841632.4	223645.6	[M+H-CO]+	304
145089.9	187857.7		39
886200.9	1394466	[1056][M]+	71
154159	279937.9	[1078][M+1]+	169
7205413	7290025	[1287][M+1]+	35
231449.9	112652.8		29
5582168	33186744	[435][M]+ [M+K]+ 31!	103
315488.9	332920.3	[607][M+1]+	107
810184.5	2329258	[1567][M]2+	11
515835.6	4141535	[678][M]+	124
317141.1	628431.7	[M+K+NH3	221
57005.07	391300.3		97
138247.1	186864.2	[745][M+1]+	116
284747	934408.5	[M+2K-H]+	243
586155.1	705328.9	[1443][M+2]+	29
32532.26	2523097		124
619765.5	464244.6	[1015][M+1]+	116
70812988	2.42E+08	[59][M]2+ [M+H+Na]2	4
116546.4	198358.7		169
1096042	429622.9	[1128][M]2+	25
174332.9	135461.6		218
5441390	3866564	[713][M]+ [M+Na]+ 4:	188
1366298	1195207	[M+H]+ 27!	75
338241.3	352985		52
10091404	18491667	[453][M+2]+	1
881349.4	918665.8	[1037][M]+	372
274488.1	255627.6	[M+Na]+ 3:	134
2472902	1875067		45
109945.4	202094.2	[M+H-C6H8	49
1409917	4912488	[1224][M+1]+	49
1535911	1523021		80
237175.9	539007.4	[M+Na]+ 3:	103
343020.6	420734.5		87
376799.1	322032.4		330
80143.7	1002118		209
31851065	18965378	[1285][M]+ [M+K+NH3	18
185958.1	1546263	[M+K]+ 50!	49
866424	531933.2		104
13612625	15573000		22
2137704	3072276		103
1.84E+08	2.28E+08	[160][M]+ [M+H]+ 27!	16
6924125	6786891		146
6655761	8791350		148
292478.8	1911852	[547][M+4]+	55
748551.8	356539.6	[1504][M]+ [M+H]+ 85!	134
46481.11	931529	[656][M+1]+	97

22559642	3094667	[1014][M]+ [M+K]+ 498	249
4718338	4818664	[1023][M+1]+	263
2380416	2387510		10
1351242	848996.1		236
414853.1	2784909	[2M+2K-H]	11
505092.6	802026.4		113
1144171	4902673	[179][M]+ [M+H-C6H8	104
602613.5	159857.4		25
133350.2	61050.54		134
285515.3	193566.4	[1216][M+1]+	29
280791.5	463064.4		290
1551832	2014425		182
762895.4	53704.57		287
890854.3	581170.4	[M+Na+Na	4
129481.9	1578048		124
866037.2	946100		204
843281.5	3430439		233
130987.1	1225473	[M+H]+ 28	90
110920.3	2250096	[3M+H+K]2	103
7371109	22287524	[481][M]2+	1
5474054	3974585	[M+H]+ 40	168
515120.6	362557.8		183
11922055	12302201	[320][M+1]+	2
73570.68	435819.8		77
2082294	1415602		355
2887531	2050802	[995][M]+	29
2401819	633293		299
1630490	814901.7	[1185][M]+	111
4990210	5136974	[M+H]+ 21	172
2648582	2467561	[903][M]+ [M+H]+ 49	229
27810108	1.49E+08	[1166][M]2+	7
687715.2	1345984		26
681597.1	598145.5		193
1774213	2055279	[79][M]+ [M+H]+ 23	218
1452153	11904451	[703][M]+	290
153067.2	150376.7	[M+2K]2+ 6	60
1122981	784719.7		171
170152.1	776014.8		50
1013999	751570.1		9
771816.5	2280615	[1296][M]+ [M+Na]+ 6	49
216080.2	911360.6	[580][M+2]+	14
9908459	1440255		2
588875.4	426969.2		297
120778.8	97924.53	[M+K]+ 46	143
2620335	2440897	[84][M+1]+	26
7586.358	890302.6		103
2020445	1181902	[1383][M+1]+	246

3031763	2168125	[M+H-CH2]	153
4863468	3376938		191
677850.7	694532.7		93
1253062	1206715	[1522][M]+	214
19298116	1.32E+08	[1445][M+2]+	1
2696269	1291419	[1012][M]+	56
18898184	31502977	[177][M]+	258
759610.5	954927.2	[821][M]+	199
224613.6	497398.2		340
88716.06	225512.2	[105][M+1]+	230
2500640	19671392		1
62497.71	256668.8	[779][M+1]+	235
122154.8	96253.34		52
1794608	12000902	[269][M+1]+	103
1326416	1401885		135
20128683	8542904	[259][M]+	61
108326.9	486762.1	[439][M+1]+	41
1198823	4488993	[48][M]2+	20
1089891	882480.3	[1320][M]+ [M+H-C4H8]	34
590933.7	730653.4		35
1955405	3597036	[501][M+1]2+	1
711744.6	307809.3		114
3038177	2652154	[287][M+2]+	83
599439.7	78757.8	[2M+K]+ 2:	172
27258.92	63718.74	[M+H-CH2]	49
205527.1	214641.5	[M+2H-C6H6]	214
1732182	1725766		384
164605.8	632062.1	[M+H+NH3]	55
611015.5	804466.6	[469][M+1]+	125
119703.7	44024.22	[M+H]+ 52:	18
4675116	20674303	[924][M+2]+	11
418845.9	143140.4	[1075][M+2]+	222
697525.8	1574072	[550][M]+ [M+K]+ 34:	169
1942308	2178811	[1221][M]+	10
84608.56	1665547	[M+H-H2O]	209
219146.8	22438444	[M+K+NH3]	208
587982.2	476297.7	[839][M]+ [M+H+NH3]	207
6085028	8056223		290
490561	3565028		7
2329419	1269220	[1552][M+1]+	232
624713.9	580371.2		35
139065.3	424880.4		124
2204945	2613144	[226][M]+	376
1689634	2331043	[627][M]+	20
203258	328412.2	[176][M+1]+	160
385093.1	97184.77		16
23759858	22650647		134

2848433	3178260		227
26624.68	85707.97	[M+K+NaCl	133
462004.1	201140.3		300
90004.88	329833.1	[M+Na]+ 7:	49
14600.28	528634.4		152
7242285	5255213		355
4937430	4526826		100
916845.7	414852.1	[591][M+3]+	23
368740.4	90481.27	[1081][M+1]+	113
1802823	4226129	[483][M+1]+	40
7461959	4961343	[1423][M]+	143
3966014	3128927	[M+H+NH3	217
7397794	4440638	[728][M+2]+	35
899040	2098188		195
235386.5	154145.6	[545][M+1]+	19
1370845	6100658		124
524315.6	270917	[77][M+1]+	217
14651833	9443038	[1415][M]+	140
7694109	6031350	[69][M]+	83
223369.9	117225.4	[M+Na]+ 5:	29
2568516	9019146	[141][M+1]2+	11
803872.7	9627589	[M+H+NH3	143
92106.32	86214.93		60
147978.7	3598266	[1066][M]+ [M+Na]+ 5:	83
350388.6	595849.9	[1095][M+2]+	160
480591.1	642866.1	[M+H-HCO	11
666771.4	1419505		169
1134931	1372347		2
568775.3	892499.9		281
19301441	25166471	[M+2H-H2O	29
42203.58	1758075		172
47757.83	137884.1		19
159893	126009.7	[135][M+1]+	103
867352.5	548216.5		236
574250.2	9916324		373
54185.78	4058702		199
2453872	3024412	[M+H-H2O]	311
1503571	1227677		132
258930.3	2558485	[681][M+2]+	55
21445.22	1399138		196
351281.4	563686.2		251
115338.3	161826.4	[M+K]+ 87:	245
1980632	2709527	[885][M+2]+	2
565488.3	2300941	[M+H]+ 45:	11
45967.36	2779199	[M+K]+ 17:	199
301155.4	424630	[M+K+HCO	177
1225273	1127748		390

278117.8	2649741		97
537226.8	5403753	[547][M+2]+	55
256346.7	164523.8		277
74179.38	462857.6		93
7188269	5688717		198
8639883	10159926	[674][M+1]2+	4
235594.9	530546.9		231
287593.7	406404.1	[272][M+1]+	114
403220.8	406488	[568][M+2]+	112
4547717	4272451		1
192145.1	255337.1		165
2046854	1631733		236
194644.4	1588870	[28][M+1]+	133
3026830	2583564		198
3268078	1439732	[M+K]+ 24€	78
51798149	69279644	[621][M+1]+	9
1798802	1325466	[584][M]+	23
25572917	20741469	[343][M+1]+	79
427690	728983.5		164
2812333	2337493	[1143][M]+ [M+Na]+ 5!	151
53362.28	1098281	[M+K]+ 37€	103
91423.45	3881775	[2M+K]+ 2€	103
521952.1	460241.6		104
489903.7	1197174	[M+K]+ 41€	289
1616690	9962865	[889][M]+	20
15685685	5443524		18
348270.5	498564.5		356
2194845	2928532	[312][M]+	292
564593.8	188595.9	[1012][M+1]+	56
75677.76	310277.4	[3M+3K-H]	55
282926.5	320558.6		24
751366.5	861461.2		136
356058.2	2073230		11
409188.2	810204.4	[557][M+2]+	61
790445.4	463865.1	[342][M+1]+	83
280504.3	563631.8		169
442581.5	1119575		195
35912.96	1324077		104
277716.8	288302		29
1619298	4636014		7
649372	642939.5	[M+K]+ 42€	251
1047735	744435.4	[1502][M+2]+	85
1160075	447891.7		294
318946	180273.8	[1320][M+1]+	34
7455243	10693331	[5][M]+	258
1251287	1218038	[M+Na+Na	11
2723452	14929497	[746][M+1]2+	11

4455234	3468179	[1502][M+1]+	85
279692	1871863		324
4016196	5505121		11
72300.74	1295885		103
2382019	4868507	[697][M+1]+	235
763910.7	1257478	[973][M+1]+	164
1776235	5791450		1
11471.92	334285.5		196
47467.37	106608.9		62
9334406	13180320	[885][M+1]+	2
1531166	1125498		383
4666221	2736141	[1383][M]+ [M+H]+ 72:	246
169130.6	445263.2	[1390][M+1]+	95
178511.4	409379.1	[175][M+1]+	396
778888	3529476	[864][M]+	90
387797.2	164328.4		153
121249.3	3202438		83
619738.8	1013373	[3M+Na+3I	16
440785.2	306381.7	[344][M+1]+	288
661857.7	488378.3		189
1408142	892484.1	[1556][M]+ [M+K]+ 99:	25
2063120	867308.9	[666][M+1]+	23
7136545	5852771	[231][M]+ [M+K]+ 26:	153
347849.3	1570400	[636][M+1]+	49
1178803	1991119	[268][M+1]+	26
1485923	1397361	[665][M+1]+	123
124600.2	46924202		52
45891.11	574910		129
3167899	1461030		446
2306848	2552426		197
4809687	17978446	[1224][M]+ [M+Na]+ 6:	49
280273.1	79067.15		29
1299975	11193928		327
127455.3	150714.6	[619][M+1]+	449
378947	1650232		20
18936953	20334478	[493][M]+	2
86037.13	7213.412		364
4019612	2961338	[1552][M]+ [M+H]+ 10:	232
1042239	1407633	[158][M]+ [M+H]+ 27:	60
666851.8	682560.3	[404][M+1]+	374
1809482	1270987	[604][M]+	23
330311.3	303348.8		202
32277.67	68949.85		202
37429.94	154358.5		255
1398036	3349719	[M+K]+ 74:	11
3428069	2956320	[480][M+2]+	4
322574.5	369506.5		221

2962543	269052.8	[M+K]+ 36:	55
1808230	5237167	[37][M]2+ [M+H+K]2+	8
323783.2	351306.8		29
9446095	5700063	[1285][M+1]+	18
1285946	23433348		1
8446979	8587044	[1071][M]+	297
466316.4	147119.5		29
156793	120171	[M+Na]+ 8:	34
244366.9	688298.6	[M+H+NH3	11
244496.4	116764.7	[M+H-CH4]	321
446683.8	439354.5	[M+K]+ 55:	60
854220.5	788923.4	[3M+2Na]2	110
560513.6	482888.4		75
549940.9	660793.5		199
76054.72	675011		55
22644496	14655343	[1352][M]+	140
46645.37	584264.6	[M+Na]+ 3:	254
2199841	3654445	[177][M+1]+	258
5463043	4013086		355
65441.51	232258.8		177
156054.9	1600701		258
987508.9	657517.4	[978][M]2+ [2M+Na+2I	60
7194226	10919429		276
1633792	1255959		116
2401111	119002.7	[938][M+1]+	338
211383.4	519633.8		231
1436949	1049770	[1285][M+2]+	18
582781.3	1535543	[1068][M+2]+	49
1383682	2271027	[M+K]+ 42:	262
140641.2	3520717	[M+K+NH3	95
2603251	2499760		16
173624.1	1609241	[852][M+1]+	166
6687364	3952423	[931][M]+	153
8765816	2877312		18
408973.3	296162.3		345
280090.2	3151514	[81][M+1]+	199
179165.1	4864938	[M+Na]+ 3:	209
646725.6	1414796	[M+H]+ 23:	104
448650.2	342046.5		391
274649.2	559392.2		39
734626.4	143322.6		29
374379.9	490898.1	[M+Na+HC	26
4.37E+08	5.96E+08	[668][M+1]+	4
423566.4	209173.2		443
16882352	8351436		5
5809097	5095824	[857][M+1]+	151
618265.9	4064526	[435][M+1]+	103

248190.8	230418.5	[603][M+1]+	111
7015839	4833443	[1116][M+1]+	216
429249.9	347528.9	[M+H+Na] ²⁺	191
1528472	2193348	[336][M]+ [M+H+NH ₃	169
509786.5	3428067	[804][M]+	124
3165500	1721586	[1219][M+2]+	18
4428683	3527987	[223][M]+ [M+H]+ 29:	217
1274499	511949.2		139
745103	1015749	[M+K]+ 23:	16
109171.5	441704.1	[955][M+3]+	52
278880.8	513355.5	[853][M+5] ²⁺	2
395071.2	184376.5	[M+Na]+ 4:	160
665578.9	618675.8	[1025][M+1]+	41
40990914	1.89E+08	[82][M]+ [M+K]+ 20:	55
830479	457850.3	[391][M]+	45
332099.2	223674.9		282
198008.9	268363.1		297
230220.9	633373.4	[219][M+2]+	49
420111.3	787073.4	[M+K+NH ₃	116
6849302	4062240	[1120][M+1]+	118
21937.68	850527.7	[M+K]+ 42:	199
967349.9	505743		23
28295.29	620998.7	[M+K+NaCl	103
593469.4	523146.9	[1448][M+1]+	444
475691.8	320989.3	[1048][M+1] ²⁺	29
843303.3	806175.6		284
389587.4	276646.3		144
769056.5	1474579		160
193795.4	132966.3		112
577143	205945.7		236
303241.7	466883		238
39382.9	1847523	[548][M+1]+	199
73604.92	698632.1		55
491774.6	3987895	[M+H-COCl	103
52799.57	1151251	[M+K]+ 54:	60
96207.04	101845.8		60
15528289	10986311	[1357][M]+	143
3000711	6559691	[702][M+1]+	26
683411.2	473833.9	[995][M+1]+	29
5514048	4199721	[M+H-CH ₃]	100
865986	938097.2		114
3767107	5245514	[190][M]+ [M+K]+ 25:	360
536615.1	491782.9	[689][M+1] ²⁺	175
1310560	1804328	[155][M+1]+	228
5311524	326906.2	[M+Na]+ 2:	55
168864.5	200986.3		81
92420.53	722528.7	[560][M+3]+	110

1729746	936736.3	[M+2H] ²⁺	4
22946362	24521906	[84][M] ⁺	26
206335.2	2537724	[3M+Na+2H] ⁺	133
1978525	3398684	[715][M] ⁺	62
96596.64	384363.7		279
767096.4	23758067	[M+H] ⁺ 210	127
69124.97	73088.46		428
89902.28	111799.8		55
513337.4	795925.2	[570][M+1] ⁺	110
23489.4	517203.6	[299][M+1] ⁺	103
2264755	1951865	[445][M] ⁺	175
23402636	25216813	[569][M+2] ⁺	100
375693.5	840229.7		2
178473.2	154754.4	[498][M+2] ⁺	20
561231.1	309671.4	[M+Na+CF ₃] ⁺	289
16502507	5098526		2
361189.9	1631255	[991][M+1] ⁺	161
262890.7	700036.1		442
846788.9	822461.4		17
19508012	27758745	[1568][M+1] ⁺	11
2408694	2207138	[1025][M] ⁺	41
584887	1383943	[M+K] ⁺ 378	49
408811.5	2152033	[804][M+2] ⁺	124
117655.4	2.9E+08		22
598795.7	551212.6	[737][M] ⁺	35
7561424	4923198	[1352][M+1] ⁺	140
11179.9	151265.9		55
521617	409671	[506][M] ²⁺	198
1119074	4091839		28
1801164	866496.4		61
10513815	9304886	[1150][M+1] ⁺	35
442858.8	458434.1		3
218715.9	325287.8	[2M+2Na+H] ⁺	119
7555987	13759097		124
246695.1	2444461	[3M+Na+K] ⁺	55
199739.3	155788		314
230484.3	147432.7		362
42265.8	20855.65	[M+H] ⁺ 978	34
4978926	520945.2		19
383257.5	311944.4		197
8497.469	278716		55
9175016	5563059	[1205][M+1] ⁺	18
1381835	2058914		5
577337.8	1681374	[133][M+1] ⁺	279
1.69E+08	1013078		6
878363	1104363	[M+H-COCl] ⁺	151
484694.3	249605.9	[968][M+1] ⁺	18

62590.2	1430046	[M+H] ⁺ 38:	199
1087625	1082565		189
251147.5	337188.2		10
553539.3	1638976		160
285915.1	1018743	[146][M+1] ⁺	16
1632480	946587.6	[931][M+1] ⁺	153
2561435	491925.5		95
27979840	13986792	[221][M] ⁺	23
9924345	10001525	[1136][M+1] ⁺	17
229436	311808.1	[M+K+NaCl]	284
650791.2	1044343		227
1431497	9568167	[76][M] ⁺ [M+Na] ⁺ 2:	55
591392.9	2862619		348
2199259	1761703	[347][M+1] ⁺	221
105226.9	54986.51		41
508567.7	253181	[2M+Na+3I]	213
4.06E+09	5.3E+09	[835][M] ⁺	2
11535047	46187319		11
7105330	8116389	[M+K+NH ₃]	218
79028.15	1037955		439
276879.4	484756.5		336
104634.7	601254.3	[M+Na] ⁺ 6:	49
147559.3	364266.5	[2M+H] ⁺ 3:	169
463699.4	532873.9		244
80827.06	804539		166
5970719	10613546		187
5146904	3279929	[1415][M+1] ⁺	140
144592.8	801630.6	[444][M+1] ⁺	83
1461492	593015.1		207
0	201327.5		69
11517688	35892414	[141][M] ²⁺ [M+2H-H ₂ O]	11
984842.6	516667.8		410
712791.8	11244904	[1021][M] ⁺ [M+Na] ⁺ 5:	95
61128845	12313198		1
64215133	1.08E+08		124
9878.264	747079.5	[3M+2H] ²⁺	83
6293607	18010809	[133][M] ⁺	279
2524000	2323998		235
1696158	1629038		2
78641.3	199476.9	[M+2H-C ₅ H ₈]	104
817666.5	677900.8		301
447611.5	220920.1	[M+Na] ⁺ 4:	90
1152234	594904.8		128
201557.7	429725.8	[647][M+1] ⁺	137
2229769	2176311	[M+H-H ₂ O]	353
19377.99	1943536		299
390984.2	1337891	[M+H-C ₄ H ₈]	171

677998.2	478573.1	[753][M+1]2+	32
568219.8	301467.8	[M+H]+ 36:	18
82316.68	196616.8	[2M+Na+K]	95
9098738	4225737	[1058][M]2+	25
28122718	18309070	[1474][M]+ [M+H]+ 80:	64
2887828	2776421		349
381601.3	548803.5		155
793837.5	593984.4		416
11002651	7728399	[1474][M+1]+	64
5585441	9083286		1
33032273	45981035	[727][M]+ [M+H+NH3	143
167866.3	706586.5		89
1364033	1332263	[739][M+1]+	75
2773962	1272470	[221][M+1]+	23
226186.4	170318.4		109
396165.7	484600.7	[M+K+NH3	16
5258743	6474709	[598][M]+	348
472190.8	58654.41		446
303668.8	308631.5	[522][M+1]+	159
441383.9	594620	[96][M+1]+	103
196729.8	349609.4	[1071][M+3]+	297
2465318	1891493	[776][M]2+	200
103918	112878.5	[1517][M+1]+	47
4294360	5064885		128
837944.2	184065.1	[M+H]+ 32:	103
2227001	4995026	[279][M]+	65
660414	371709.2	[1556][M+1]+	25
2634608	1705619	[1467][M+1]+	343
527073.1	2539664	[3M+2K]2+	209
4703715	6539849	[89][M]+	326
5265288	3517968	[1357][M+1]+	143
76893.5	3070702	[703][M+1]+	290
5526920	12222988		328
4103389	3414752	[650][M]+ [2M+Na]+ :	217
36594722	32361990	[1150][M]+	35
610084.6	658714.8	[M+H]+ 69:	60
44991861	45460783	[1002][M]+ [M+K+NH3	143
2327816	8718276	[M+Na]+ 4:	11
5941667	7569389	[749][M+1]+	2
405946	6593510		79
1875490	3997979	[1069][M+2]+	2
3506703	1352113	[1058][M+1]2+	25
1736736	1404121	[458][M+1]+	313
2721466	1978619	[M+K]+ 28:	277
1018321	793971	[949][M]+	343
1744281	9439950	[636][M]+ [M+Na]+ 3:	49
725025.6	466736.8		41

209460.7	279646.8	[1450][M+1]+	314
41866398	50158871	[868][M]+ [M+H+NH3	143
830758.6	751623.7		285
12817821	20660387	[94][M]2+	2
1421879	2217309	[891][M]+	37
158639.6	359790.6		317
33218928	27553874	[1208][M]+ [M+K+NH3	143
1751039	325274.8	[1512][M+1]+	18
438950.3	65092.2	[1416][M+1]+	45
13504028	51462200		11
15875540	15584995	[M+Na]+ 3:	146
1609.335	32728480		59
75840.63	24842.36		93
1933024	2749969	[183][M]+	315
72482	1068381		95
809261.4	473731.2		200
3801732	2098380	[370][M]+	35
351211.3	340604.9	[287][M+3]+	83
164643.7	477667.5	[429][M+1]2+	288
26379003	59496392		54
1640447	1187397	[860][M+1]+	236
351847.9	744750.7	[955][M+4]+	52
3254229	5706577	[246][M]2+	12
78029.84	3290503	[M+H-CO]+	95
725365.9	923591		277
1864353	1624360	[M+K]+ 27:	47
4399298	3698064	[M+Na]+ 2:	263
738820.9	207742.9	[M+2H]2+ :	309
249770.4	718575.1		49
487479	185653.2	[3M+2Na+]	342
88614.83	63457.57		34
480782.2	7204266		171
244280.1	422076.3		55
1208485	1807821		154
3881883	19838155		1
193074.4	111887	[M+Na]+ 5:	144
379885.7	774103.5	[197][M+1]+	49
1618681	801211.6		354
1876675	2114835	[M+H]+ 18:	311
3437165	2001590	[518][M]+	236
3937751	6171228	[893][M+1]+	169
40815.34	1460752		55
70056.8	2035586		345
197050.8	21080.16	[M+K+NH3	47
257034.1	398189.4	[277][M+1]+	22
338584.7	2088531		78
4677797	4113185	[M+H]+ 48:	232

835896	826749.4		364
204729.6	792850.8		10
906041.9	7453807		1
81310.46	155411.6	[685][M+1]+	169
7901.015	495436	[M+H]+ 27	55
28354765	2726575		6
979094.5	1013214		119
2467770	984475.8	[712][M+1]+	52
1227899	2977350	[704][M]2+ [M+2H]2+ :	11
41309412	37332981	[1121][M]+ [M+K+NH3	143
560263.8	815649.7	[387][M+1]+	31
341287.3	644742.3	[M+K]+ 22	29
1140474	586446	[1052][M+1]+	213
1127385	1236061		3
583913.5	277665.5	[M+H-CO2]	208
1006237	626299.3	[1077][M+1]+	143
42476.11	176051.9	[M+2K]2+ :	52
471038.4	469358		22
1000210	1278121		22
243322.9	369266.4	[M+K]+ 20	232
840458.4	869578.3		43
3031768	17159428	[164][M+1]+	55
273031.3	1532738	[594][M+3]+	49
413512.3	1866363	[M+K]+ 35	55
1147465	961143.9	[1293][M+2]+	143
285330.3	131199.4		96
482649.1	294671.5		168
257939	334843	[336][M+1]+	169
5652.28	436877.3		224
526919.8	324527.7	[386][M]2+	46
797044.9	871490.7	[M+H-C6H8	96
1996859	2550158	[766][M+1]+	159
654513.6	503224.6	[903][M+1]+	229
469543.4	7394571		234
90784.9	40914.63	[M+K]+ 93	34
746140.1	170533.1		254
13260911	35609323		1
1322576	751672.1	[M+Na+K]2	29
852960.7	2925976	[439][M]+	41
247464.5	146446.7	[728][M+3]+	35
451326.7	254149.6	[993][M+1]+	18
5107247	4068727	[327][M]+ [M+K]+ 29	118
9317.462	152459.9		133
361822.5	451159.8		412
772070.4	4058892	[54][M+1]2+	4
382111.9	1197505		69
143388.1	222545.9		241

2472181	2462870		215
302514.2	364756.2		106
2153306	16985756		55
11935755	12063044	[1002][M+1]+	143
696191	833254.5	[598][M+1]+	348
111599.5	2416176	[1021][M+1]+	95
9590.032	586957.3		104
797837.2	12879768		1
560393.6	527417.4	[595][M+1]+	205
3143081	2840844		282
1479853	2253641	[533][M]+	19
141996	347427.4		49
492889.5	704282.7	[1141][M]+	29
29712016	27294197		213
220339.6	8013436	[1088][M]+ [M+Na+CF ₃]	55
114588.4	1439912	[1088][M+1]+	55
235264.7	144759.4	[1145][M+1]+	338
728908.1	1308674	[M+H-CH ₄]	86
180388.5	624578.4		210
826859.8	1437826	[246][M+1] ₂ +	12
391333.1	580955.3		106
996472.1	16380623		1
1.57E+08	1.47E+08	[147][M]+ [M+H]+ 27:	66
888911.5	529429.5	[927][M+1]+	329
337759.8	1802043		49
421432.5	369490.9	[M+H]+ 58:	132
97582.18	82010.93		315
1635145	2418863		381
1857648	1510457	[622][M]+	117
2388108	2422408	[M+H-C ₂ H ₄]	112
497551.7	722748.7	[M+K]+ 26:	27
23570059	18182561	[1293][M]+ [M+K+NH ₃]	143
123270.9	747064.3	[365][M+2]+	91
1773970	3167973	[M+H]+ 30:	218
1616021	1012860	[1041][M+3]+	29
293926.5	2048340	[406][M]+ [M+Na]+ 3:	186
7562420	11596038		80
29921075	19545491	[901][M+1]+	75
1551409	6120389	[8][M] ₂ +	83
167775	74778.68	[928][M+1]+	32
523024.1	334361	[426][M+1]+	14
546907	1282087		269
1421773	431640.1	[M+K+HCO ₂]	23
4546886	5718709	[1064][M+1]+	96
256294.6	410494.4		254
93782.82	374821.2		293
509900.3	402349.5	[M+H-COCl]	22

772583.6	4092415	[1389][M]+	10
977070.6	9695852	[852][M]+	166
145233.6	970108.4	[2M+H]+ 2:	104
3722267	4096881	[M+Na]+ 4:	100
249212	1889891	[889][M+1]+	20
354303.4	2440372	[631][M+1]+	83
1172871	21523596		1
48791.86	240223.1	[M+K+NH3	104
2031214	971934.4	[M+Na]+ 2:	104
526897.9	87460.33		18
305129.6	349145.8		29
15756392	5683203	[591][M+2]+	23
358649.6	260886.5		256
1444823	2041874		170
129057.2	60076.19	[M+H+HCC	29
30114842	40632773	[1568][M]+ [3M+Na]+ :	11
441765.9	751362.1		174
1488141	1295658	[1121][M+2]+	143
630503	880567.4	[18][M+1]+	97
7401318	4771072	[342][M]+ [M+Na]+ 3:	83
2206238	31367443	[M+H+HCC	79
217218.6	84072.34	[M+H-CO2]	104
115494.8	278059		20
2657915	2559950	[254][M]+ [M+Na]+ 2:	112
32893.61	142069.7		105
497007.5	5391729		346
1186303	5572663	[614][M]+ [M+K]+ 36:	171
683042.3	969775.9	[M+H-H2O]	25
401077.1	433060.6	[M+H-COCl	119
4405682	5625426		136
26553560	1.72E+08		1
479006.6	745605.4	[M+K+NH3	47
292204.9	120012		29
1474402	2205175	[554][M]+	19
1614602	8820958	[M+H-H2O]	11
644512.3	951826.6		10
17363923	20868269	[1064][M]+	96
363081.3	298614.3	[M+2H]2+	321
526228.8	302938.3	[1423][M+2]+	143
1250262	93033.9	[M+H]+ 75:	217
2185441	2327793	[913][M]2+	2
4172037	6415946	[721][M+1]+	4
21166186	1718288	[M+Na]+ 4:	4
0	2384.479		62
900234.8	873284.4		41
340380.6	255904.3	[M+Na]+ 7:	33
81692.85	709433.1		359

120793.6	756374.3	[2M+Na+K]	55
200213.4	179553.5		139
297243.1	941029.4	[M+Na]+ 4:	11
139338.4	213895.6		144
467762.2	513606.2	[551][M+1]+	213
517831.3	240442.8		438
16153552	59573079	[M+Na]+ 9:	11
392820.7	450659.1		52
162065.8	539746.7		209
973872	764667.6		445
93097.03	388268.7	[864][M+1]+	90
150667.1	431142.9		55
2825216	2674795	[M+H-CH2]	87
6092642	29408809	[475][M+3]+	1
187363.3	753564	[M+Na]+ 3:	178
1379616	345686.7	[M+H]+ 66:	29
2998962	5621134	[M+Na]+ 4:	11
134027.8	407228.9	[M+2H-CO]	107
90015.38	334491.6	[334][M+1]+	221
164699	3756193		1
277513.1	1060723		104
1641659	1207245	[1254][M+1]+	109
75698.15	345561.1		197
264881.1	107085.4	[459][M+1]+	114
432254.3	525584.4		176
6164.155	544761.8		103
154006.1	637398.6		55
869937.9	1509021		348
7425124	5258354	[1293][M+1]+	143
319679.6	924617.6	[133][M+2]+	279
11809219	11651472	[1471][M]+	175
679035.8	740890.9		43
3232716	2836405		2
180123.7	1021275		235
285669.3	834958.6	[357][M+1]+	73
2766617	6826975		129
21352.1	1593208		356
10267034	12307583	[868][M+1]+	143
819833	936811.8		36
1959366	2885481	[305][M]+	89
568818.8	358487.9		97
1.31E+08	4.09E+08	[107][M]2+	2
3501962	2838953		116
29251621	45504414	[582][M]+ [M+H+NH3	162
870776.5	651921.1	[M+H]+ 62:	47
1339294	1500257		304
563093.9	892910.8		235

1204172	919162.4		140
524560.2	2287855		129
2024982	731276.1	[1212][M]+ [M+Na]+ 5!	25
88260.27	742446.8	[M+K+NH3	49
11775904	10480273	[1121][M+1]+	143
43816.31	296202.7		97
395470.3	643918	[2M+2K-H]	217
12235109	10670587		193
329498.5	513943.3	[980][M+1]+	11
0	351015.2		348
571080.4	180834.9		252
12066979	4976367	[712][M]+ [M+2Na-H]	52
339029.1	112712.6		3
4434231	14786803	[1429][M+1]2+	11
95239.62	49730.08		35
95411.56	133443.6	[M+H-CO]+	140
377781.6	1068014		368
31395703	38156161	[137][M]+	36
16914797	23671866	[384][M]+ [M+H]+ 34!	29
61297314	47238017	[338][M]+	118
4215871	6155763	[113][M]+	280
79887.29	6736.991		242
318051.9	1715804		198
113863.3	152654.1		91
494652	2679228		37
1697424	1710380	[1071][M+2]+	297
846403.8	77785.96	[1330][M+1]+	111
3376402	5179822		55
451569.4	1108202	[M+2H]2+!	49
270299.4	497171		29
115420.2	84664.28		449
384049.4	150268.7	[M+2K-H]+	107
1223302	160344.9		107
236442.6	5152717		95
221462.6	224427.9	[1049][M+1]+	29
110091.5	152706.3	[M+Na]+ 5!	17
15467975	26148934	[433][M]+ [M+H+NH3	151
566935.9	457676.2		461
52456.67	68273.18		293
699553.7	431450.2	[1060][M+1]2+	244
2567012	16169796	[331][M+1]3+	1
113644.3	1227541	[28][M+2]+	133
637072.7	542933.6		211
75682.79	88433.81		118
358339.8	504898.7	[5][M+1]+	258
633903.7	843892.5	[M+H+HCC	225
1267516	1209144	[1150][M+2]+	35

460928.4	256420.6	[1283][M+1]+	52
1239491	2753524		11
8376245	8372123	[53][M]+	2
1418716	1473587	[569][M+5]+	100
24739.12	434498.2		104
606149.7	487834.4		18
3114341	3710158		335
253548.6	439104.3	[1528][M]+	185
526166.1	575666	[1099][M]+ [M+K]+ 52!	29
2459801	1548510	[1474][M+2]+	64
411957.1	468128.3	[M+H+CF3O	29
2335423	3257995	[272][M]+	114
131473.8	118467.3	[641][M+1]+	104
167600.9	410816.5	[837][M+1]2+	40
1733227	456098.6	[M+K]+ 42!	172
103649.1	391052		49
426492	641532.2		424
268222	346064.2	[M+K+NH3	309
15770238	33887091	[695][M]+	196
3259593	2470975	[519][M]+	217
570927.1	174323.5		47
98231.04	365594.9		19
5705157	6536449	[778][M+1]+	2
11088009	71401836		1
27677.26	253346.9	[M+K]+ 32!	279
8639409	21010118	[339][M]3+	1
642108.3	604821.7	[650][M+1]+	217
751115	822540.8	[579][M+2]+	26
942982.8	2515763		364
1178251	4658437	[1559][M+1]2+	1
480509.6	361200.8	[1467][M+2]+	343
125821.2	950021.5		124
40715702	46003471	[708][M+1]+	2
3987112	4515866		2
6872715	21813869		11
4.26E+08	1.64E+09	[1350][M+2]+	1
461521.4	3508652	[2M+H+K]2	55
26536984	23863384	[857][M]+ [M+Na]+ 4!	151
5895789	5340349	[143][M]+ [M+H-HCO	79
2867951	447323.3	[1330][M]+	111
5130367	21258814	[103][M]2+	2
281455.9	833580.2		49
1981732	365410.1	[3M+H+K]2	55
543253.3	243952.2		68
3702056	2935357		256
1082295	752206.9	[1205][M+2]+	18
110751.8	71831.39	[3M+2Na]2	223

10913774	8464579	[1108][M+2]+	29
160599.1	58234.83	[310][M+1]3+	62
383809.8	1073404		124
977149.9	812190	[231][M+1]+	153
64019.99	595198.7		47
709372.8	919448.2		18
73044.1	89167.87	[1334][M+1]+	205
3163634	8564870	[71][M]+ [M+H]+ 23!	279
963249	1050546	[868][M+2]+	143
1316569	752114.7	[1352][M+2]+	140
2274956	19858726	[631][M]+ [M+H+CF3O	83
1898439	2106665	[539][M]+	217
3111213	2593841		2
527841.3	159520.7	[837][M]2+	40
6491077	8176302		2
2128387	1121492		140
378363.6	508006.6	[2M+Na+2I	321
4512668	6609449	[253][M+2]+	119
1686575	867086.9	[1195][M+1]2+	29
1727698	7571392	[3M+2Na]2	4
303892.2	333618.6		52
3.05E+08	72564258	[1364][M]+	1
40126.09	303124.7		159
505460.3	661928	[704][M+1]2+	11
208073.5	134205.8	[M+H-C3H5	146
142280.1	346625.1		194
349990.5	64407.45	[M+K+NaCl	60
707672.1	33950.37		55
2606060	3533405	[126][M+1]+	105
3709903	3612604		1
851893.5	385865.2	[M+Na]+ 5!	18
2041655	1649756		54
219232.1	180603.1	[M+H]+ 33!	146
619361.3	303305.2	[967][M]2+	211
1310020	6562859	[1161][M]+ [M+K+HCO	49
11374044	3293646		1
71488.6	461341.6		152
89342.33	98821.4	[M+H]+ 23!	240
1229209	1811907	[601][M]+ [M+Na]+ 3!	162
138651.6	201835.2	[M+Na+HC	104
119414.4	772422.4		104
75157.88	684704.7	[M+H]+ 41!	103
561138.3	305293.2		87
1510286	1325611		418
469583.7	356700	[1430][M+3]+	29
83871.79	212326		167
805144.1	862135.8	[M+Na]+ 3!	158

343520.3	342160.2	[M+Na]+ 2:	127
17771.96	269371.1	[14][M+1]2+	178
51069.28	59994.34	[827][M+1]+	172
400175.5	503241.2	[89][M+1]+	326
82019.1	386524.2	[M+K+CF3C	353
378363.4	956909.9	[3M+2K]2+	238
1029400	807484.5	[536][M]+ [M+H]+ 38:	205
17291479	1119759	[M+K]+ 34:	55
3951166	2308443	[927][M]+	329
983660.8	677476.8	[M+H-HCO	14
610512.6	1170676		11
560241	936446.3	[1450][M]+	314
74151.11	478351.8	[M+2K]2+ :	49
883960.9	147333.3	[M+H-COCl	18
427828.4	2872823	[M+K]+ 23:	172
1159658	916086.3		77
1265077	2552101	[625][M]+ [M+K]+ 37:	169
4686612	1989561		23
29333.99	172052.3	[M+Na]+ 3:	133
1647160	383219.8		29
2010906	1119078	[932][M]+ [M+K]+ 47:	261
1915810	1267035	[581][M+1]+	267
1932153	104536.3	[M+H-CH2]	104
266025.9	253664.3	[M+K+HCO	11
2819839	4940016	[926][M+2]+	2
263727.6	144786.2	[479][M+1]+	139
13039096	20870054	[149][M]2+ [M+2K]2+ :	60
1305783	420718.7	[M+K]+ 33:	121
174315.2	210503.2	[98][M+2]+	105
650691.7	279024.2	[M+H]+ 68:	29
1013125	748508.7		447
198342.3	90365.11		279
749443.2	741951.8		266
384342.1	446470.4	[M+K]+ 67:	119
1679664	8846562	[991][M]+	161
2117318	2519842	[M+Na]+ 3:	40
585920.1	454250.5		473
980747.7	1506528		79
475493.3	68915.78		40
1076386	1609235		28
17752933	1.51E+08		1
57747.37	490569.8	[M+Na]+ 3:	96
730911.6	2416042		304
548814.8	4717758	[285][M+1]+	172
5223814	13734787	[6][M]+ [M+H-C6H:	279
11713994	1.39E+08		1
882142.8	1266269	[M+K]+ 12:	78

1043423	1143871	[M+K]+ 236	110
116460.1	199917.6		116
6184978	4032594		168
337086.2	518908.2	[773][M+2]+	276
364741.3	225974.9		200
429520	2.09E+08	[26][M]+	4
343755.2	184475.8	[1424][M+3]+	100
404304.8	301718.1	[767][M+1]+	116
24608747	23069658	[147][M+1]+	66
309751.8	375900.1		412
147392.6	247677.3		103
10046984	7558151	[1208][M+1]+	143
1208733	2755034	[1488][M+3]+	11
66973.94	435379.9		97
107627.4	330183.7	[M+H-C6H:	88
199000.6	101739.7		56
94159.89	232830.5	[51][M+1]2+	169
351455.2	11188071		71
794114.2	984310.6	[M+K+NaCl	254
4837976	3805288	[1254][M]+ [M+Na]+ 6:	109
583976.8	640318.2	[19][M+1]+	172
108264.5	188066.6	[M+K]+ 42:	143
29074.38	506462.2	[M+H]+ 27:	83
273361.8	2819177		115
9135.016	130350.3		176
1210938	667887	[1176][M+2]+	29
226112.2	95221.27	[1146][M+2]+	29
25741.48	6790.134		198
263573.8	230846.6		27
50756383	51888686		2
3719372	6160439	[752][M]+ [M+Na]+ 4:	169
190282.3	94265.41	[70][M+1]+	116
25385095	25542290	[778][M]+	2
32476020	46965781	[920][M]+ [M+Na]+ 4:	137
383474.8	1879146	[285][M+2]+	172
7132809	9884233	[727][M+1]+	143
180308	2310414	[M+H]+ 47:	95
587487.9	909106.4		199
2533963	3084026	[135][M]+ [M+Na+Na	103
813666.5	1662106		2
69262.74	394346.9	[779][M+2]+	235
238885.3	179909.8		19
638437.3	129916.6	[M+K+NaCl	47
345425.6	304210.2	[M+H-CO]+	52
741028	763173.6	[143][M+1]+	79
6024.065	2045434		199
356665.1	490465.9		352

1237416	580141.4	[1261][M]+	104
1265281	1969564		41
291800.1	551959.1	[M+H-H2O]	381
1079476	168446.8	[M+Na]+ 5:	88
836355.9	593705.3	[M+3Na+K-	284
2467864	3038980	[M+H-CH4]	60
2598138	6778911		50
94551.96	559931.2	[8][M+1]2+	83
0	918846.8	[M+H]+ 45:	209
404916.3	510269.3	[M+Na]+ 2:	26
135198.5	75387.5		29
17980260	7612775	[40][M]+	217
1360509	1708643	[248][M+1]+	292
441914.3	121219.3		319
516603.3	545627.7	[559][M+1]3+	62
254148.5	684928.4	[M+K]+ 50:	49
176383.1	108506.1		365
162808.2	179663.1	[2][M+1]+	41
205490.3	221809.5		156
857533.5	408342.3		18
235032	723201	[M+H+CF3(	218
8962482	11472420	[317][M]+	325
200766.3	361606.4	[M+H]+ 65:	116
9518853	1.3E+08		1
148123.2	823133.5		374
1332383	2016091	[249][M]+	27
364331.7	102938.2		29
314185.5	937792.6		11
219990.7	396872.1		442
577982.8	212776.7		377
106795.3	1916782	[M+H]+ 66:	95
130788.4	473609.4	[M+H-NH3]	104
4479290	4758418		2
201111.1	577212.6		133
100906.2	101845.2	[737][M+1]+	35
830369.5	1196344		10
1258764	612372.3	[M+H-C4H8	33
95697.9	1282984		133
456336.3	314235.9		71
1204089	4968585	[560][M+2]+	110
2029330	3794797		289
61189.03	166237.2		348
13817842	17162563	[579][M+1]+	26
1390235	1120517	[1208][M+2]+	143
5651.581	438830.9		178
19838481	22579315	[794][M]+	151
1741960	694770.8		149

39271030	60596551	[194][M]+	114
30699304	40659754	[1420][M+1]+	11
218870.3	164157.5		301
145147.7	93486.53	[M+H]+ 42:	119
502239	488421.4		364
310165.9	924635.4	[M+H-C2H4	90
83673.45	2203047	[1088][M+2]+	55
346665.7	390027.6	[M+H+HCC	205
51656.33	82131.51		288
299038.4	1575958	[560][M+4]+	110
489678.9	298746	[M+H]+ 82:	25
3855592	1758623		293
384475.1	740445.7		420
1275320	1624202		38
340599.3	645796.9		41
526914.8	449047.5		279
270189.1	63551.68	[4][M+1]+	217
471723.5	536214.2		309
100798.9	108337.9		91
174958.2	230445.2	[741][M+1]+	425
451381.1	309207.8	[1024][M+2]+	242
118433.9	28966.35		389
1.22E+09	1.69E+09	[835][M+1]+	2
911119.2	546447.7		71
860861.7	8519090		63
46866855	34569666	[1437][M]+	45
328999.6	5564946		199
219682.9	266091.4	[549][M+5]+	17
2280077	2177722	[1015][M]+ [M+Na]+ 5:	116
493936.8	3841973		384
81041.83	256176.5	[M+Na]+ 3:	86
264262	1481241		97
150119.5	83686.77		188
594506.9	652697.5		354
1825747	2978603		46
366979.6	231471.5		283
824467.5	1186820	[M+H-H2O]	237
427505	389121	[M+H]+ 40:	209
286108.4	277902		275
213697.2	200321.6		377
455620.8	1226962		147
1329136	638249.7		282
3081855	4831181	[828][M+1]2+	2
340071.2	221845.2	[2M+Na+K-	319
166954.1	116003.6	[2M+2Na+I	49
146031.2	249074.9	[M+Na+HC	119
1192333	2507850	[647][M]+	137

147023.3	3027120	[681][M+1]+	55
713177.4	440853.5		200
5703629	9149623	[582][M+1]+	162
692542.8	1033598		94
453812.5	144962.9	[328][M+1]+	292
13008142	11096262	[191][M]+ [M+H+NH3	66
1566243	2245458		37
2871500	18185957	[82][M+1]+	55
137095.6	140282.7		109
21097717	17409854	[1117][M]+	321
64545.13	160930.5	[M+2H-CO]	116
691218	603473.6		168
3681542	3044126	[1382][M+1]+	146
1553740	1478571		129
419515.7	416008.6	[80][M+1]+	172
1783665	2259997		16
6037506	5954833	[1338][M]+ [M+Na]+ 6	60
4.85E+08	984841.7		20
1811700	2010767	[457][M]+ [M+K]+ 32	230
229787.4	100348.6		312
54213.12	723311		288
133043.4	227896.1	[1368][M+3]+	205
56093.81	181668.5		224
154309.3	250216.3	[1080][M+1]+	217
1577355	1208069		391
11820190	2326944	[853][M+3]+	2
300817.7	885434.1		348
259093.5	3332573		110
1105556	1539151	[M+Na]+ 3	151
2996317	55655895	[674][M]2+	4
0	9121404		311
20005564	30505441	[796][M]+	142
862744.6	931703		250
1987535	555433.5	[40][M+1]+	217
782355.7	621414.4		280
3400157	3398072		2
114065.4	150712.1	[112][M+1]+	86
372601.8	259811	[967][M+1]2+	211
318962	324272.1		158
1.51E+08	1.68E+08		23
14120378	13308903		245
297159.9	553381.2		199
177177.1	181291.5	[2M+2Na-t	264
1499802	849396.7	[1081][M]+	113
662608.3	452958.1	[M+2H-NH	260
592781.4	458501.9		256
277692.5	209685.5		61

7767616	6571245	[1114][M+2]+	47
297845.5	272715.8	[M+Na]+ 4!	143
1518107	1738697	[741][M]+	425
852211.9	684988.1	[M+H-C3H:	137
3012022	7207540	[695][M+1]+	196
44569.37	832170.1	[2M+Na+2!	4
1008929	930030.9	[1049][M]+	29
186637	930908.3		163
300961.4	251597.6	[876][M+2]+	75
29531365	41926296	[351][M]+ [M+H]+ 33!	151
5637444	29241141		1
507834.6	216133.7	[M+K+NaCl	29
7840.526	628054.1		356
3812908	3770130		84
446037.9	400814.2	[3M+2Na+!	34
474315.9	1330148		136
1136093	731550.1	[333][M+2]+	49
2298920	9320216		1
1427607	1153403	[448][M+1]+	217
613727.5	795371.7		19
680226.6	749364	[M+Na]+ 4:	277
86656.03	112033.8	[1268][M+1]+	34
144241.5	5197324		1
149736.4	68354.67	[M+Na]+ 4:	107
1208825	2701657	[75][M]+	319
3750826	1350224	[617][M]2+ [M+H+Na]:	243
34985144	1.49E+08	[164][M]+ [M+H+HCC	55
1021876	3.49E+08	[M+H]+ 30!	27
162522.1	484786.6		129
36039461	35841076	[148][M]+ [M+H]+ 27:	156
3494689	3217795	[850][M]+	236
139090.5	272020.1		43
17373446	20122497	[670][M]+ [M+H]+ 42:	143
759116.3	2649918	[729][M+2]+	49
265266.7	319561.7	[609][M+1]+	134
363704.6	462663.8		288
5937362	2958231		179
21832777	86354483	[1488][M]+ [M+K+HCO	11
59962.35	85267.87		197
1179605	1327991	[1406][M]+ [M+Na]+ 7:	138
264613.2	112503.1	[1487][M+2]+	325
623114.3	544961.5	[984][M]+ [M+K]+ 48!	263
753049.6	1074355	[920][M+2]+	137
113945	86244.35		309
70402.02	659709.1	[678][M+1]+	124
528175.4	3018815	[M+K+HCO	55
147823.8	179852.7		89

3.67E+08	4.96E+08	[244][M]+ [M+H]+ 30!	27
2802624	3774637		154
544485.3	1671619	[106][M+4]+	49
1268915	1447747		127
12595610	1.42E+08		1
5213377	3005188		2
52725.16	120766.8	[M+K]+ 19!	217
3.84E+08	3.32E+08	[1041][M]+ [M+Na]+ 5!	29
1738454	8811907		1
745089.2	3293663		358
2294086	2549344	[1071][M+1]+	297
6372623	25204675	[1325][M+1]+	1
853780.6	451970.8		81
78323.07	1952314		55
559092.7	640954.2	[174][M+1]+	221
329649.3	202247.9	[M+Na+K+!	29
1915988	265948.3	[1371][M]+	217
6404167	7982480	[1420][M+2]+	11
1359993	9493751	[1158][M]+	299
33334.76	169101.6		149
266281.7	167518.6	[1230][M+4]+	10
176731.2	753624.6		194
1906495	1190283		236
1788564	2231032	[M+H]+ 38!	108
37178.44	840255		171
28383919	71822939	[107][M+1]2+	2
1687506	7278785	[472][M+1]2+	1
476476	326792.1		300
749914.4	6675447	[284][M+1]+	97
288504.9	881024.4	[M+K]+ 36!	4
76085.96	636536.8		207
1681576	1362444	[943][M+1]+	143
148768	884478.2	[3M+3K-H]	49
1331440	644435.6		372
5178601	6779341	[M+H]+ 27!	17
4552748	47816932		126
151042.1	131717.3		202
519361.3	1023832	[M+Na]+ 5!	49
651741.4	758937.8	[M+Na+NH	75
217788.7	287405.5		108
219674.3	119476.2	[1419][M+1]2+	249
332828	291948.3	[M+Na]+ 5!	86
0	42166.69	[M+H+Na]!	178
3564825	3274068		385
268245	287729.9		175
24397600	16533087	[1120][M]+ [M+Na]+ 5!	118
1158915	229651	[783][M+2]2+	66

1051806	1152640		158
61076.05	1045810	[M+H] ⁺ 45!	172
179813	222441.2		88
332796.7	205488	[1519][M+2] ⁺	200
1477821	2012947		159
120255.7	246400.2		177
123091.6	154100.2	[1528][M+1] ⁺	185
61437320	1.18E+08	[438][M] ⁺ [M+H+NH ₃]	78
630845.5	571451	[M+Na] ⁺ 2!	100
381291	145380.3		62
1722500	22664003	[1177][M] ⁺ [M+Na] ⁺ 5'	95
231475.6	287990.5	[1028][M+1] ⁺	29
23999039	98970047	[1374][M+1] ⁺	1
2386437	10509904	[1482][M] ⁺ [M+K] ⁺ 77!	11
10135630	25641143		2
394703.4	614116.9		10
541968.3	1256503		331
367503.4	1086635	[851][M+1] ⁺	62
942390.5	1168093	[M+H+NH ₃]	218
628556.9	1173367	[M+H] ⁺ 21!	88
272977.2	2716845		11
413021.7	691168.7	[113][M+1] ⁺	280
23118404	21256753	[749][M] ⁺	2
861097.3	292761.9	[651][M+2] ²⁺	18
14516901	2691743		13
12142882	12036550	[807][M] ⁺ [M+H] ⁺ 46!	143
196297.9	90779.81		200
290594.7	841720.4	[M+Na] ⁺ 3!	49
522541.6	771574.9		27
2566166	2951090		78
586517.7	470899.5	[834][M+1] ³⁺	282
443519	844443	[215][M+1] ⁺	138
2693684	347984.5	[M+K+NH ₃]	121
38001.75	602199.1	[M+H-CH ₄]	95
215573.8	529312.9		26
3438145	3915494	[670][M+1] ⁺	143
1797385	1087955	[508][M] ⁺ [M+2K-H] ⁺	134
62355.4	519856.3		224
751949.5	671667.2		143
75600642	1.03E+08	[244][M+1] ⁺	27
80204.28	499497	[815][M+1] ⁺	182
447303.2	379808.6	[166][M+1] ⁺	52
1036377	994420.5	[1031][M+2] ⁺	138
1405204	420546	[1147][M+1] ⁺	29
79201.21	650485	[M+H-C ₂ H ₄]	178
2441823	2581986		49
962137.1	542172.9	[1357][M+2] ⁺	143

1079059	928036.9		140
8812792	5002092	[792][M]+	329
1573938	1436816	[255][M+1]+	214
236067	2257501		356
214613.4	327268.9	[M+Na]+ 3:	381
165866.7	748604.9	[M+H-C3H:	55
269978.4	1293169	[934][M+1]+	49
1034552	917539.7	[2M+Na+K]	146
3208092	9844468	[120][M]+ [M+K]+ 22:	254
885113.8	710765.4	[369][M+1]+	134
3789058	9113349		27
515964.4	1931779	[M+K]+ 28(	88
1065400	1151146		176
1366374	2713567		178
2786200	1532868		3
422252.8	82143.65	[1044][M+1]+	206
347393.7	295124.6		114
70611.79	350751		159
1079360	1091679	[1133][M+2]+	75
429422	372686.6		60
377701.4	316266.3		297
789748.4	758606		218
1457761	11023299	[444][M]+	83
142936.1	68777.21	[949][M+1]+	343
3700065	2959499	[894][M+2]+	60
1473455	2242874	[3M+2H]2+	49
98571.1	138904.4	[M+Na+K-t	52
6.11E+08	1852145	[M+Na]+ 3:	11
941519.5	4378463	[107][M+5]2+	2
641796.5	519954.9	[M+K]+ 36:	4
368068.6	1017043	[1488][M+5]+	11
637379.1	485337.7	[222][M+2]+	95
1233973	7059744	[157][M]+ [M+H+NH3	55
3005455	4221967	[1192][M]+	2
2026820	679344.9	[587][M+1]2+	243
268086.8	1276502	[M+Na]+ 3:	55
481537.1	817282		181
141921.8	431990.4	[M+3H-CO(	83
223287.7	1651137		374
1624566	5781617	[106][M+2]+	49
441365.7	2756000	[284][M+2]+	97
1239934	2431670	[67][M]+ [M+K]+ 19:	221
231615	1922325	[314][M]+ [M+H]+ 32:	103
176011.1	226511.5		113
199669	627176.8	[206][M+5]+	49
254723.2	1379962	[M+2K-H]+	11
915431.1	1356088	[M+H]+ 29:	288

11901509	47436558	[633][M]+	[M+H-COCl	79
213584.9	345829.5			133
671915.2	1123044	[1022][M+1]+		119
106631.5	171861.1			41
299321.7	1143723			49
65782931	79236950	[579][M]+	[M+H+NH3	26
157180	385853.3			362
2897747	1402447	[651][M]2+	[M+2K]2+	18
2092207	15089161	[416][M]2+		1
4720255	1441595	[1146][M]+	[M+K]+ 54	29
290677.6	438776.6	[533][M+1]+		19
395197.2	66404.94			165
686724.2	4060476		[3M+Na+K]	117
6494525	25757186			38
919100.3	1804590			129
321226.5	92684.75	[1496][M+1]+		320
107606.6	332639.4			231
108337.1	263914.3			26
40054.66	140144.5			70
46893652	2.08E+08	[924][M]+	[M+H+HCC	11
503970.1	175969.2		[M+H]+ 43	33
1711281	802357			324
3322759	5687236			290
1753345	1766761		[M+K]+ 17	49
447891.5	524574.8			177
4868959	3706033	[974][M+2]+		29
601492.3	897295.1	[1391][M]+		314
676791	940948.3		[M+H]+ 38	107
16138.06	2015653	[1435][M]+		55
2708700	11847177			4
6217854	9404812	[194][M+1]+		114
241141.4	8902.175			87
143589.7	648526.9			209
21512043	80844538	[763][M]+		95
911089.1	11185235			195
174841	190709.1			26
3075363	4043312		[M+H-CO]+	116
493136.9	565104.4	[164][M+5]+		55
232853.5	65352.41		[M+Na]+ 7	29
736546.4	1133485	[805][M]+	[M+K]+ 42	116
18572595	12861421	[1437][M+1]+		45
1118710	1718679			12
168113.8	180465.9			159
286147.9	423704.4	[1562][M+1]+		143
2199422	2566579	[522][M]+	[M+H-C4H	159
561289.8	486893.6		[M+H]+ 50	116
396388.8	866978.3			11

1.9E+09	2.68E+09	[668][M]+ [M+Na]+ 4!	4
197998.8	133171.7	[724][M+1]2+	17
7345567	8970528	[19][M]+ [M+H-H2O]	172
469621.2	780554.9		12
279074.8	208837.4	[1474][M+3]+	64
160459.5	382914.6		82
52583456	45310879	[1234][M]+ [M+K+NH3	134
11087045	13725534	[766][M]+ [M+H+NH3	159
69503.35	157965.5	[684][M+1]+	245
10777972	20784182	[438][M+1]+	78
56715169	45893961	[1372][M]+	48
13935.23	335078		110
754531.2	1193243	[M+Na]+ 6!	232
832911.6	901290	[1248][M+2]+	34
75328.4	265629.8		169
241817.9	339434.7	[454][M+1]+	78
240773.7	361006.2	[1033][M+1]+	169
878027.7	2101262		409
5455606	6697995	[49][M]+	27
1425125	1931639	[1140][M]+	119
248826.6	96811.13	[M+H]+ 75!	34
10245139	9032076	[1][M]+	66
771840.9	1361001		274
484076.4	333657.8	[M+3H-CH4	275
629999.6	555399.7		77
148585	912624.5		124
206720.3	167504.2	[83][M+1]+	118
493236.5	714505.4	[1132][M]+	352
4034047	13014489		2
576816.5	550826.6	[519][M+1]+	217
202852.3	107492.4	[960][M+1]+	280
317300	144455.3	[1168][M+1]+	61
391120.7	825647.5		133
62071059	51697601	[1305][M]+	81
1137023	113957.3		55
834748.7	2162754	[206][M+3]+	49
1995186	1383968	[993][M]+	18
5261010	8092266	[796][M+1]+	142
2969772	2723875		2
504769.2	3742185	[165][M+2]+	199
1.08E+08	90582518	[M+K+NaCl	29
198569.6	315289.4	[695][M+2]+	196
125277.6	190222.7		57
41829593	1.12E+08	[475][M+4]+	1
190190.7	0	[532][M+1]+	366
476767.5	208136.3		327
322855.3	237628.7	[M+H-C4H8	391

70876.79	873903.3		97
898916.9	1320090	[865][M]+	96
1790718	4028811		69
314662.4	1186792	[1349][M+1]+	49
227690.2	646106.5	[M+H-CO2]	90
743231.7	1032651		246
19517162	1978201	[220][M]+	55
89575.55	522981.9		49
125022.6	901957.3		97
19299751	18619001	[352][M]+	2
81899.9	45066.23		251
372829.6	142855	[217][M+1]+	289
2693995	2177349		146
8782014	7121055	[1382][M]+ [2M+2Na+]	146
349211.2	481089.8	[322][M+1]+	116
1.72E+08	2.08E+08	[708][M]+	2
23482.77	159880.2	[M+Na]+ 6!	55
7822471	5378793		29
338852.4	265800	[438][M+2]+	78
274162.7	561030.2	[994][M+2]+	138
815638.5	1131783	[588][M]+ [M+K]+ 35!	116
1930621	1357367	[981][M+3]+	18
3502898	5352548	[1022][M]+	119
87797.86	103977.4		288
1116146	427872.3	[1154][M+1]2+	29
3173200	2779191		112
1171078	1241416		413
7956506	11949964	[920][M+1]+	137
2977916	673788.4	[1425][M+1]+	198
14110528	10933878	[338][M+1]+	118
744761.7	6049570		1
483068	157659.8		170
5182354	5057389	[1253][M]+ [M+Na]+ 6!	73
14205118	10568565	[185][M]+	240
1807109	2683358	[531][M]+	71
942508.8	132691.6		324
603959.5	1377664		124
21687369	28562618	[517][M]+ [M+H]+ 37!	162
665318.7	907500.5	[M+K]+ 38!	178
1559306	1069488	[205][M+1]3+	62
10772475	33779850	[1429][M]2+	11
1696460	2311194	[1098][M]+ [M+H+NH3]	13
336992.5	5890386		63
24504.44	408961.7	[1066][M+1]+	83
208872.9	593723		348
646637.8	628244.7	[M+Na+HC	11
896005.3	1914433	[1108][M+3]+	29

1493089	12533091	[3M+2Na] ²	144
534678.2	1686644		117
2783235	8667806	[206][M+4] ⁺	49
19175231	66960020		11
2246088	1519174	[479][M] ⁺	139
229516.2	116666.4		150
21069131	16554702	[1372][M+1] ⁺	48
8567909	7962695	[764][M+3] ⁺	2
1369952	886280.1	[459][M] ⁺	114
2411020	3695028	[280][M+1] ⁺	169
8.09E+09	1.81E+10	[1350][M] ⁺	1
4163459	2720761	[1052][M] ⁺ [M+Na] ⁺ 5:	213
1674976	2485425	[264][M] ⁺	22
2310320	2062227	[662][M] ⁺ [M+Na+NH	221
8584238	8967984		84
13399273	67610025	[657][M] ⁺ [M+H] ⁺ 41:	79
467945.7	808251.1	[2M+2Na+H	11
5332740	1907629	[4][M] ⁺	217
313448.8	223218.3	[M+2K-H] ⁺	55
1.21E+08	77895637	[901][M] ⁺	75
1806713	2444026		414
20688776	20231642		39
4.56E+08	983604.2		15
1537076	2868267	[497][M] ⁺	103
328201.7	332816.3	[1106][M] ² [3M+2H] ²⁺	31
820960.2	553039.7	[M+K] ⁺ 60:	143
182383.9	1322272		136
872165.6	691787.2		189
1086823	1113421	[191][M+1] ⁺	66
3628653	3461812	[456][M] ²⁺	2
6320001	8128979	[M+K] ⁺ 37:	284
905718.2	356290.1		413
370807.6	783039.9	[796][M+2] ⁺	142
283294.4	1400710	[M+K] ⁺ 17:	49
467544.1	59534.98		280
860108.9	578146.8		35
5238302	4524652	[103][M+1] ²⁺	2
801579.2	705488.2		52
121196.7	403002.5	[M+2Na-H]	209
274348.3	528958.9		91
658388.6	763407.7	[1562][M] ⁺	143
1122903	7366934	[M+Na] ⁺ 3:	79
4721848	4328632	[107][M+3] ²⁺	2
96851.44	30949534		163
8811101	9669024	[M+K+NH ₃	171
2563393	2348477	[807][M+1] ⁺	143
178586	116600		47

763003.9	1512417		190
631084	1018025		84
76556551	8597814	[M+Na]+ 4:	13
10460398	6817394	[286][M]+ [M+K]+ 27:	17
212432	767020.8		288
516609.8	612154		248
30997701	16342508	[981][M+2]+	18
2346651	710161.8		18
180017.3	197423.9	[355][M+1]+	86
150221.9	101696.1		176
1102141	1262396	[M+H]+ 22:	143
1216995	4774890	[M+K+NH3	254
166304	969579.6		161
236186.9	88889.97		20
511978.4	246595.3		229
954963.4	3658320	[1349][M]+ [3M+2K-H]	49
903183.1	634425	[1415][M+2]+	140
394569.6	218945		100
1962435	7202672	[1488][M+2]+	11
136012.3	107596.9	[3M+3Na+]	17
9245474	6542468	[581][M]+	267
161509	453945.4	[435][M+3]+	103
5938585	34954344	[1488][M+1]+	11
746745.1	701258.1		288
897531.9	1280314	[M+K]+ 20:	90
1228128	1087333	[675][M]+	123
4054412	245631.6		52
1045377	168871.9	[1194][M+2]+	133
3215826	8917396		2
1718945	9842074	[590][M]+ [M+Na]+ 3:	95
129470	3518418		126
273136.4	333814.3	[2M+2Na+]	160
9157254	31169507	[M+K]+ 42:	11
8118601	13478766		2
51632.15	1190594	[165][M+4]+	199
6709574	9109302		2
225580.3	195789.2		89
602447.1	1148040	[M+H]+ 31:	196
285745.1	130335.1		398
818677.8	312012.8		343
2817053	1349678		55
94398.36	463784.8	[M+Na]+ 2:	49
4539637	70198167	[866][M]+ [M+Na]+ 4:	55
1666119	609143.2	[617][M+1]2+	243
274421.9	584092.1		239
49914.28	216218.1	[M+Na]+ 3:	199
241840.9	150639.1	[M+H]+ 59:	312

7333567	27430884		1
257549.9	161112.2		204
517326.8	762503.9	[537][M+1]2+	70
1651491	2233868	[398][M+1]+	250
910353.3	1109249	[935][M]+ [M+K+NH3	229
511002.1	476316.7		251
15072322	31121387	[592][M]+ [M+Na+NH	116
253183.2	439404.9	[M+K+HCO	119
1941682	4115437	[3M+2Na]2	232
1175713	16726701	[990][M]+ [M+H]+ 52	55
18102567	26276138	[694][M]+ [M+H]+ 43	218
99142.86	67721.89		425
5466118	11064982		2
1064542	660475.3		236
3289908	2908074		54
600774.2	343890.9	[724][M]2+	17
1434060	916380.7	[566][M+1]+	14
719119.2	1398152	[377][M]+	81
1864507	11663669		1
9538588	49784235	[924][M+1]+	11
4.74E+09	32957010	[764][M]+	2
715204	1297508	[434][M]+	194
433412.1	709187.6	[256][M+1]+	60
4987390	3689559	[1090][M]+	200
431000.8	279565.3	[M+K]+ 33	78
771817	1236524	[829][M]+	354
3288033	1727889		53
138171.5	424030.6	[71][M+2]+	279
596057.4	473035.5	[7][M+1]+	22
1006401	4047642	[594][M+2]+	49
46628.44	482185.7	[1066][M+2]+	83
1623293	2384162	[277][M]+	22
43872.15	264224.7	[M+H-CH2]	49
896166.7	2309369	[88][M+1]+	91
1292503	1025966		354
17153929	62890765	[M+H]+ 75	11
274073.4	798771.3	[M+H]+ 25	75
606666.4	3538761		167
254237.8	362257.5		160
74792.3	1024741		55
2236099	2555927		158
128962.3	404424.3		39
11460852	12747032		1
27545663	43939937	[252][M]+	114
297318.6	279631.8	[M+2H-C6H	160
43764.57	526698.1	[M+K]+ 36	49
778580.5	805061.8		175

54363.75	198624.2	[M+H] ⁺ 42	49
171282.1	276168.2		221
6454234	2362457	[1480][M+1] ⁺	243
8023.383	797128.3		172
9822516	9675353	[222][M+1] ⁺	95
237329.2	402195.2	[M+H-CH ₂]	277
1203355	870421.4		173
267754.9	413376.6	[554][M+1] ⁺	19
271891.3	321228.8	[M+H] ⁺ 45	276
2315230	3967603	[238][M+1] ⁺	61
1452539	1077554		309
923886	333183.8	[1496][M] ⁺	320
2097291	3309551	[M+H] ⁺ 31	83
161393.1	237003.2		347
360056	577760.7	[253][M+3] ⁺	119
416028.9	610166.9		70
1738219	1160377	[1180][M] ⁺ [M+K] ⁺ 56	143
3466360	4386250	[74][M] ⁺ [M+H-H ₂ O]	208
471449.9	192131.3		343
2575004	3734351		265
21240524	17663997	[1305][M+1] ⁺	81
2087203	1381944	[968][M] ⁺	18
477298.6	1139354		199
358494.8	148727.6		55
4.09E+09	11940177	[M+Na] ⁺ 3	4
491333.5	1648502	[435][M+4] ⁺	103
1029662	835016.9	[1278][M+3] ⁺	34
300620.5	1385999	[M+H-CO ₂]	176
6474447	11690702	[52][M] ⁺	91
273598.6	226838.5	[2M+2Na+I]	31
371910.4	100490.5	[854][M+1] ⁺	319
772077	9085464	[72][M] ₂ ⁺	2
7549976	2495115	[1112][M] ⁺ [M+H-H ₂ O]	133
1011686	3376280	[275][M] ⁺	49
771046.6	4530408		11
3677453	2589598	[1077][M] ⁺ [M+K] ⁺ 51	143
8784.757	184673.9	[2M+Na+K]	199
1005481	228599	[M+Na] ⁺ 3	217
708107.5	330967	[1552][M+2] ⁺	232
573272.9	705195.9		93
25313.03	64587.89		83
5147407	7226693	[351][M+1] ⁺	151
374314.2	7241410	[856][M] ⁺	55
2282563	624320.6	[2M+K] ⁺ 2	17
45430.54	360936.7	[3M+2Na+I]	55
268915.7	307622.3		244
1143579	1208069		217

186518.1	1020196	[3M+H+K]2	49
3755492	4173278	[1172][M]+ [M+2K-H]+	138
4038191	3525854	[M+H]+ 240	353
40964979	56421108	[668][M+2]+	4
901478.5	965043.9	[1281][M]+	81
191037.5	2333391		79
366598.8	2385998		290
1801411	1927271	[M+K]+ 398	177
1690365	1911164	[M+H-H2O]	11
156504.1	170133.2	[1271][M]2 [M+2H-NH2]	219
20779028	28191731	[126][M]+	105
2074978	3107951	[M+H]+ 320	31
2.32E+08	322445.2		21
282150.8	416930.2		220
248121.5	945280.9		69
647982	81017.32		312
8359028	9856366	[M+H]+ 260	237
3696962	3085229		384
1.48E+08	2.13E+08	[202][M]+	41
232180.7	72078.07		58
478974.8	1353571		396
92928.03	95631.85	[1329][M+2]+	223
214768.7	217101.3	[131][M+1]+	221
1258301	546298	[M+H-CO]+	25
123100.1	683608.7	[M+H]+ 450	104
54898.35	1039717	[3M+2Na]2	55
225682.5	101580.6		309
1539310	6765146	[250][M]+ [M+H]+ 300	90
3360995	2663369		2
14250854	29234910		1
262840.9	317314.9	[326][M+1]+	280
103890.4	199926.5	[M+H]+ 600	276
284272.4	332532.2		177
861832.4	559262.2		447
1746024	2041683	[131][M]+ [M+H-H2O]	221
1737249	1272952		175
9114368	5816077	[1464][M]+	278
48383.7	424224.5	[1433][M+1]+	55
137528.7	576669		49
1096376	2249963	[1260][M]+	176
237507.3	117187.2	[M+H+HCC]	119
137636.5	693464.6	[M+K]+ 270	83
436937.8	2701524	[1158][M+1]+	299
773141.1	1382384		323
131085	195293.7	[865][M+1]+	96
705364.6	5229792		1
10057548	21698638	[88][M]+	91

185010.5	59570.87		100
237730.2	219003.1	[1109][M+2]3+	456
477171.1	234961.6	[M+Na+Na	245
86616.97	901224.8		69
720181.7	2004940	[1574][M+2]+	11
401836.9	349040.7	[M+H-CH2]	14
333012.5	308819.9		41
1261526	1232298	[309][M]+	165
9353846	8028913	[1278][M+2]+	34
599097.8	467283.5	[M+2H-CO	153
122314.4	164256.2		62
912683.6	1276448	[M+Na+NH	17
1.19E+08	1.02E+08	[1041][M+1]+	29
7417948	5741245	[943][M]+ [M+K]+ 47	143
2371014	2999988	[104][M]+	27
5811432	19223701		81
667194.2	176777.3	[M+H]+ 66	29
3521711	3591530	[M+H]+ 31	79
6901872	8709757	[M+Na+Na	146
1121029	319138.4		355
556466.3	144265.6	[2M+2Na+I	100
20480.33	155978.8		178
114192.1	1217203		55
5600171	11136926	[664][M]+	232
425741.1	399190.1	[715][M+1]+	62
497713.9	2963030		79
159064	826595.7		194
3615193	2519320	[1437][M+2]+	45
2084262	1250739	[M+2H-C5	29
366176.9	445231.1	[M+Na]+ 3	78
180759.2	460533.7		186
11434975	24827584		1
471863	2694651		10
2261340	2907864		151
703259.9	1294087	[M+H-H2O]	196
395387.5	5514049	[1177][M+1]+	95
1125011	445129.7	[930][M+2]+	175
1248074	2020108	[337][M+1]+	77
2083452	1406294		114
11275395	4371184	[1159][M+1]+	133
108512.6	682369.9	[804][M+1]+	124
959574.8	709281.7	[2M+3H]3+	229
743231.5	1015440	[M+H+HCC	146
1469597	9204955	[139][M]+	337
1965213	738435.8		55
1533008	1329417	[609][M]+	134
2641986	1662775	[1084][M+1]2+	29

2992016	6017967	[256][M]+	[M+K]+ 270	60
463534.2	461330.3		[M+H+HCC	17
573912.1	336046.6			259
211301.5	1067720			159
628867.2	955959.3		[M+Na+NH	17
1112163	750812.6	[338][M+2]+		118
739829	822262.1			259
300065.7	641834.2			23
5140722	5038118	[148][M+1]+		156
215147.3	234193.9			315
994195.8	2486002	[1123][M+2]+		26
52065952	53657720	[222][M]+		95
75908429	1.57E+08	[1350][M+3]+		1
863903.4	1022571			301
889380	539322.5	[1120][M+2]+		118
161231.1	170350.4			49
426780.7	396702.6			87
283971	451623.3			229
10372927	10369384	[17][M]+		156
5425741	4302152	[484][M]+		297
749863	673506.4			214
68554502	58214891	[1108][M+1]+		29
396339.2	857595.4	[723][M+1]+		342
299052.3	3930019			290
2040923	1141897			216
12546.59	449219.7	[615][M+1]+		96
1906054	3936826			81
234780.5	272126.8			169
256640.3	583854.5			221
69855.31	497957.3			381
3932465	3045507	[1372][M+2]+		48
280613.2	367761.8			165
8452344	7650200	[448][M]+		217
1284500	7260776		[2M+2Na+]	11
424259.6	429084.7	[1372][M+3]+		48
791144.1	465975.8			62
900379.4	10920823			154
200089.1	786834.1			97
16836689	14231017	[1234][M+1]+		134
104102.7	394490.1	[1544][M]+	[M+H]+ 970	23
368881.3	292914.8		[M+H+K]2+	11
204584.9	129319.4	[1057][M+1]2+		201
4068732	5330482	[517][M+1]+		162
435889.9	235891.3			121
35643011	14459678	[1159][M]+	[M+H]+ 580	133
51284.33	157765.4			39
119055.7	89138.58		[M+K]+ 230	116

22702.64	806080.3	[1237][M+5]+	29
969989.1	454881.8		18
256600.8	132458.8	[M+K+NH3	17
141329.7	160310.7	[1132][M+1]+	352
4138003	6766035		17
60201140	77087269		41
96257.65	204208	[M+K+NaCl	55
1349110	4774737	[435][M+2]+	103
2916526	2141907	[1045][M+2]+	17
3578329	2998390		198
1820514	9377436	[633][M+1]+	79
27556572	39162306	[202][M+1]+	41
2018982	306025.3	[1060][M]2+	244
349781	84592.53		253
1315635	36957655		1
338237.7	658648.8	[1213][M+1]+	78
354916.8	155264.8	[1036][M+1]+	3
455809.6	839269.1	[M+H+NH3	209
981239.3	809220.6	[M+H-CO2]	29
511340.1	364338.8	[M+H-H2O]	90
401299.2	2369700	[14][M]2+ [M+2H]2+	178
13549180	19750357	[280][M]+ [M+H]+ 31	169
531733.2	881140.8		338
2772327	1907782		1
93514.19	237614.3		245
145799.8	90367339		99
1039723	1195777	[1028][M]+	29
330308	215016.1	[310][M]3+	62
128049.5	278360.1		378
78231.74	513493.4	[M+Na]+ 5	49
3833080	3049544	[493][M+1]+	2
221181.8	834476.5	[M+Na]+ 5	26
267548.1	176446.1	[604][M+1]+	23
459787.1	430721.9		200
380220.2	1341988		63
66088.14	14426.76		18
1341317	959728.7		202
4982681	24746990	[782][M]+ [M+K+HCO	95
710104	13159728	[866][M+1]+	55
166615.9	120431.2		34
177096.2	180370.6	[M+Na]+ 3	262
9798866	15008820		194
3113122	2324398	[1173][M+2]+	25
983339.7	13082035		11
1499721	516700.4	[1098][M+1]+	13
2054502	2015117	[767][M]+ [M+H-COCl	116
721345.8	569985	[1382][M+2]+	146

256626.3	1238378		124
297615.4	438961	[M+Na]+ 2	238
249353.7	427318.1	[305][M+1]+	89
257440.3	242906.6		20
427287.8	552155.7	[M+Na]+ 5	208
487783.7	11530267	[736][M]+ [M+Na]+ 4	55
921490.1	667956.9		321
19085.43	260634.6		414
472020.6	204359.7		156
69128.98	71987.35	[1440][M+1]+	340
918561.8	537253.7		198
2178825	1896119		176
1105891	6368318		91
7732455	5019057		241
652438.2	3570296	[1118][M]+ [M+Na+CF ₃]	103
319296	400473.9	[M+Na]+ 4	60
153888.1	218160.9	[596][M+1]+	94
961662.8	963934.3	[M+Na]+ 2	284
80243.63	1395552	[2M+H]+ 2	55
2603445	2191166	[1234][M+2]+	134
17422411	43224130	[1292][M+1]+	1
79674.32	205242.4		360
8886737	24970049	[206][M+2]+	49
12135150	2862201	[321][M]+	134
2744736	3061928		212
606617.3	449825.2	[69][M+1]+	83
547248.6	568379.6		54
30969866	31691076	[894][M+1]+	60
2139575	1107738	[488][M]+	200
2266059	620379.9	[M+Na]+ 5	25
4132433	6764514	[252][M+1]+	114
367062.6	458149		246
251120.2	318038.9	[627][M+1]+	20
3040436	4435258	[M+K+NH ₃]	172
3142878	5157135	[1067][M]+ [M+Na]+ 5	116
505012.8	1286726		195
253714.6	177016		106
4.15E+08	5.35E+08	[544][M]+	19
1603666	950141.7		68
544293.7	677163.4	[M+Na+NH ₃]	199
826580.2	1292458	[1067][M+1]+	116
7390.208	374694.3		172
196816.2	1515461	[590][M+1]+	95
1582488	1380375	[M+K]+ 26	146
792589.9	636445.7		280
210247.8	190681		41
127576.6	44356.45	[984][M+1]+	263

1170272	1990373	[1478][M+1]+	26
2847729	4336876		63
7720389	13878466	[107][M+4]2+	2
3653756	6686867	[215][M]+	138
14359446	6014088	[1480][M]+ [M+Na]+ 7!	243
901667.2	3926784	[1482][M+1]+	11
1179209	10233812		1
2483796	4117821	[433][M+1]+	151
41252.47	561059.7		55
471602.1	1665255	[1390][M]+	95
657476.3	2649018	[72][M+1]2+	2
302267.3	261039.6	[3M+Na+K]	116
264308.5	459082.4		341
242283.4	129238.8		91
2039029	1157345	[185][M+1]+	240
316280.8	54938.01	[M+H]+ 41!	309
57417.54	36014.46	[892][M+1]+	25
2192555	715443	[217][M]+	289
743364.8	1268956		258
336657	438545.5	[1547][M+1]+	116
906280.1	797231.3	[147][M+2]+	66
207418.2	186871.9	[300][M+1]2+	133
4490647	5635649	[137][M+1]+	36
277858.9	219461.6		330
1898075	1396095	[M+Na]+ 3!	230
11585786	11616887	[255][M]+ [M+H]+ 30!	214
271490.8	150447.9	[1234][M+3]+	134
452285	240423.4	[M+H]+ 55!	87
8911652	11019993	[154][M]+	41
87921.26	896733.1	[M+H-H2O]	49
1021030	2541259		414
7366193	3062247	[507][M]2+	1
402939.5	566456.1	[M+H-C4H8]	304
1.09E+08	1.06E+08	[645][M]+ [M+Na]+ 3!	52
587974.8	412485.4	[1143][M+1]+	151
1646267	789447.5		290
252835.6	322804.1	[M+K]+ 45!	229
1687468	1547513	[1253][M+1]+	73
210395.7	722119.7		4
303811.9	210416.5		280
1926343	1052246	[792][M+1]+	329
64774.25	480265.7	[2M+H+Na]	49
534334.8	88782.69		355
835773.2	4443629		71
94493.05	138842.7		179
1538126	1046614	[M+K]+ 64!	214
4800016	6465823	[M+H]+ 24!	342

99636136	1.3E+08	[544][M+1]+	19
20197733	1.78E+08	[1445][M+1]+	1
16969151	13913840	[1341][M+1]+	1
752477.8	1430696	[M+K+NH3	178
1495231	2460253		239
643413.9	1291927	[685][M]+ [M+H-CO]+	169
29961788	69823833		1
252606.7	301296.2	[M+Na]+ 50	86
1353936	1461041	[M+H+NH3	272
11209841	53841099	[M+H]+ 45:	171
4048457	23174124	[486][M]+ [M+K]+ 33:	95
177551.3	64719.81	[1140][M+2]+	119
210594.3	283091.6		29
119331.2	570538.6		55
797415	794754.4	[261][M+2]+	100
1182546	1847705	[112][M]+	86
3272461	14122908		1
1259197	1100091	[1002][M+2]+	143
2610092	12418224	[M+H]+ 45:	79
943761.3	242629.8		14
0	746043.1	[M+Na]+ 2:	180
39061080	56901939	[240][M]+	106
566102.9	722982.2		60
6138438	5010769	[975][M+1]+	185
152726.5	116056.8		34
12355800	9017408	[58][M]+	261
693730.1	934972.4	[1403][M]+	214
2181774	5442930		2
1.89E+08	1.06E+08	[981][M+1]+	18
6125479	10395039	[M+H]+ 25:	208
3001471	1659670	[M+K+NaCl	252
12174236	13016315	[1050][M]+ [M+2K-H]+	60
5964983	2432854	[77][M]+	217
403279.3	370561.8	[443][M+1]+	146
458763.3	338849.5		246
1591697	979533.3		264
1610686	2240519	[877][M]+	341
168403.6	252014.2	[249][M+1]+	27
55823.45	155632.6		86
838295.7	92123.78	[1257][M+1]+	268
256393	112218.5	[M+H-H2O]	90
1803474	1133435		147
6778943	22024896	[M+H-C3H:	4
399506.3	419627.6		112
248486.1	315482.1	[201][M+1]2+	18
2507379	2249954	[427][M]+ [M+H]+ 35:	381
206342.3	531585.8	[95][M+1]+	290

4620096	3801360	[M+Na]+ 5:	75
1157995	8319897	[481][M+1]2+	1
7133506	24481775	[774][M]+	79
6998015	56608973	[M+K]+ 45:	4
1372342	1601163		434
4599786	5215924	[1063][M]+	104
202598.1	583108.6	[M+K]+ 41:	29
250182.9	112170.7	[189][M+2]+	61
193251.2	3061868	[990][M+1]+	55
50251509	44279953	[1278][M+1]+	34
226271.5	415729.9		191
799767.3	784478.3		286
19876083	15805885	[1041][M+2]+	29
67086.61	73887.19		147
599039.5	580456.8	[M+2Na]2+	217
1167395	1386193	[1033][M]+	169
1248667	665104.8		152
723186.7	470462.9	[806][M+1]+	172
2288715	2806086		32
378372.9	722214.2		41
87940.97	2511040		110
582367.8	515729.7		205
6200541	22792210	[M+K+CF3C	11
4176906	2996410	[3M+3K-H]	29
307845.8	735265.4		29
332235.7	350680.1	[1406][M+1]+	138
281438.6	291005.1	[M+H-NH3]	64
2378833	1804326		33
1253222	1472285	[73][M]+	277
1384602	2634867	[M+H-CH2]	311
385317.7	233205.7		289
5475423	5481265	[80][M]+ [M+Na]+ 2:	172
1770195	4900753		307
384958.8	481340.6	[M+H]+ 25:	22
122135	448186.2	[1378][M+1]+	172
746796	4498084		10
2447526	2581668		2
7931356	7059243	[1418][M+1]+	134
1710903	2247754	[M+K]+ 25:	218
906028.2	907646.5	[M+2K-H]+	173
825709.6	1469329	[M+Na]+ 2:	55
1348908	2988154		154
2276851	2363476	[443][M]+ [M+Na]+ 3:	146
1083884	460508.5		200
349018.7	116152.4	[M+Na]+ 4:	264
10568721	33902461	[M+Na+HC	11
1277573	3163333		1

514357.4	547568.8	[957][M+1]+	75
8150.104	572757.6	[1269][M+2]+	172
90633.22	137074.8		149
312486.5	5948786		1
23392024	68391765	[107][M+2]2+	2
835593.5	2753495	[269][M+4]+	103
987944.3	1539210	[909][M]+	88
13467334	75380849	[1035][M]+	2
50212.41	1506179	[900][M]+	178
26470.8	614587.9	[M+H-NH3]	55
556929.7	866835.5	[142][M+1]+	290
277436.9	207802.6		35
95827.99	134635.3		33
249615.6	556528.5	[925][M+3]+	172
134164.4	620054.3		171
858599.3	275212.7	[M+K]+ 65:	104
713163.6	574479.6	[M+Na]+ 5:	120
3174958	4123420	[872][M]+	2
1486660	498333.3	[M+H]+ 90:	18
77905.24	364469.3		209
245408.2	531842.7		190
1678104	590019.4	[1168][M]+	61
119720.4	1283087	[139][M+1]+	337
423924.7	199131		76
4577761	3531100		338
364058.6	146079.1	[M+Na]+ 6:	47
19220.61	649423.3	[1435][M+1]+	55
304383.8	81436.4		123
1681800	1199668		228
419916.1	820277.3		385
1.39E+08	1.22E+08	[1278][M]+ [M+H+NH3	34
3203128	6665049	[592][M+1]+	116
16834075	22012641		2
1039377	1081188	[368][M]2+ [M+2H]2+ |	254
208494.7	232185.6	[M+H]+ 41:	55
131458.6	2119226	[M+K]+ 67:	18
6873876	12786266	[1533][M]+	54
1582840	1203482	[1090][M+1]+	200
353068.8	174377.9	[677][M+1]2+	46
3251569	3116744		2
923645.3	325656.6	[960][M]+	280
14266.66	463762.9		235
356687.2	85766.55	[2M+Na+K]	18
330078.3	234485.6	[M+Na+NH	15
222466	881986.6	[646][M+2]+	104
3437970	3388310	[851][M]+	62
902568.3	2817105	[610][M]+ [M+Na+Na	160

417853.5	791569.6	[1260][M+1]+	176
2616708	4528475	[1478][M]+	26
294433.5	333464.5	[M+K]+ 31:	160
12503380	7226687	[2M+Na+2I	29
3150746	19790661		53
7139309	5824255	[648][M+1]+	20
1995092	12583714	[657][M+1]+	79
6.48E+08	3.68E+08	[981][M]+ [M+H]+ 52:	18
27660747	26990188	[645][M+1]+	52
226551.5	305158.6		248
611122.9	444173.4		23
16342899	7122376		254
1.85E+08	2.27E+08	[764][M+2]+	2
793368.8	729035.9	[300][M]2+	133
1144192	1126178	[1309][M]+	364
229772.1	497734.8	[M+K]+ 37:	29
67562.51	196699	[434][M+1]+	194
1298228	1810674	[317][M+1]+	325
1231966	2343342	[664][M+1]+	232
1888103	5427881		117
37376.04	261663.4	[M+H-C2H4	133
7033274	8694218	[1115][M]+	41
5834258	7570398	[244][M+2]+	27
1999921	2036278		421
62582.46	116157		106
206727.5	218245.9	[M+H-CH2]	49
740849.8	392483.3		54
1414297	2779877		54
122853.7	243897.8	[178][M+2]+	127
271093.2	61640.82		119
764999.2	710135.6		364
1264517	146619	[776][M+1]2+	200
2966831	1808827	[1539][M]+ [M+H+NH3	100
386971.1	520350.1	[613][M+2]+	160
216947	1850065		70
168516.5	79126.28		46
481245.1	387637.8		471
1084598	2212880	[756][M]+	106
1539280	337400.4		69
1020505	1603246	[596][M]+	94
334746.6	318763.4		62
404907.9	254617	[M+H]+ 53:	17
571015	282717	[M+H]+ 49:	23
126084.6	358430.3		10
967441.8	823345.3		137
394612.2	313830.1	[969][M]3+ [2M+3H]3+	206
1132220	925873.6	[963][M+1]+	116

402925.8	184756.3	[1355][M+5]+	25
11803089	32597058	[478][M+4]+	1
2.07E+09	36448653	[836][M]+	3
323526.5	215449.2	[M+H+NH3	33
8709931	6130043		241
1.19E+08	1.22E+08	[894][M]+ [M+Na]+ 4	60
171593.8	203835.6	[829][M+1]+	354
26346910	2719453	[721][M]+ [M+K]+ 40	4
303117.2	287925.1	[3M+3K-H]	52
498955.3	9087936		7
28259126	32526014	[32][M]+	19
202001.3	35709.74		241
456739.9	1036267	[52][M+1]+	91
210683.1	221146.4		207
326479.4	89204.73		18
240689.6	480516.4	[224][M+2]+	304
5196865	1286015	[1452][M]+ [M+Na]+ 7	18
537715	580857	[225][M+1]2+	62
5120783	4959044	[31][M+1]2+	1
2123895	8028834		55
8475312	35797031	[634][M]+ [M+K]+ 37	95
138551.7	877595.1		265
35040.28	635898.8		258
364821.4	811732	[M+H-C4H8	169
721294	3556397	[2M+2Na+]	95
498340.8	481614.4		300
1860303	8151740		1
184769.1	1757684	[M+K]+ 64	25
535174.7	1061397	[2M+2Na+]	155
105284.4	813497.1	[M+H+HCC	104
30516.1	108239.1		106
550789.8	600270.4	[679][M]2+ [M+2H]2+	134
457628.2	1089694		116
341765.2	721874.5	[M+Na]+ 2	243
416307.3	485408	[M+3H-C4H	66
755253.1	894148.5	[M+Na]+ 4	169
685133	1122744	[M+Na+K+]	101
21602239	1688789	[835][M+3]+	2
56536.72	102534.4	[3M+2K]2+	103
794692.2	1020778		124
117267.3	415080.6	[M+K+NH3	138
2574275	5204139	[1203][M]+	2
8338008	21021891	[800][M]2+	54
4155254	7243660		164
769899.6	1245652	[134][M+2]+	119
335977.1	931571.8	[157][M+1]+	55
823954.1	530076.3		252

3838708	14995644	[389][M+1]+	1
76585.96	1414660		69
251758.9	1219808	[M+H-C5H8]	209
267556.5	346717		227
3563516	3813761	[1304][M]+ [M+K]+ 63:	119
3893260	3615060		97
181246.6	264051.6		172
48626.42	1255667		209
308193.8	370814.1		277
83297933	94985310	[320][M]+	2
1003889	320067.2	[M+2K]2+ 6	40
1862805	3351198		84
1109764	692846.6	[195][M]2+	62
4072145	12373607		11
13877.17	421766.7		172
308080.6	100562.3	[440][M+1]+	162
10332702	13429796	[20][M]+	41
4290019	19660302	[763][M+1]+	95
518852.4	1325062		116
4538691	2591830	[1084][M]2+	29
1.41E+08	1.43E+08	[698][M]+ [M+Na+NH	52
3122800	562516.6	[1257][M]+	268
1967322	516233.2	[1452][M+1]+	18
15329688	6506312	[666][M]+ [M+Na]+ 3:	23
127021.7	146879.2		437
746673.2	552157.3	[M+H-HCO	75
1763843	403764.8		425
116771.2	136980	[M+Na]+ 3:	284
706808.3	1573888	[1533][M+2]+	54
78924.86	204784.3		228
15600.78	148822.4	[765][M+1]+	103
146564.1	873793.4	[2M+K]+ 2(	104
94858.67	71899.83		279
1901130	3146034		292
1160339	2063618	[652][M]+ [M+H+HCC	284
72360071	88989496	[1420][M]+ [2M+Na]+ :	11
600833.7	638419.3	[858][M+1]+	281
7971798	388390.5	[938][M]+	338
148883.4	1599575	[856][M+1]+	55
873491.2	1085653	[1172][M+1]+	138
66013.36	509276.9	[614][M+2]+	171
40468.1	585085.2	[M+Na+CF:	55
717384	557973.8	[701][M+1]+	172
898853.5	709851.3	[M+Na+HC	11
106842.3	299013.5	[M+H-CO2]	47
1176532	1388141		176
1920990	3553954	[M+H-CO]+	221

160780.5	353267.6	[M+K+NH ₃	116
7222553	9006561	[569][M+4] ⁺	100
6870711	6562675		13
1650194	2371066	[M+H-CH ₂]	162
954243.4	2689008		422
146233.9	245677.3		26
139965.9	889695.8	[M+K] ⁺ 330	95
2808982	673431.6	[M+H] ⁺ 540	18
8149655	9715150	[38][M+1] ⁺	41
963850.8	7606858		340
1303815	1879588	[M+H+HCC	4
1705141	2044928	[603][M] ⁺	111
106297	115753.4		232
179744.3	246823.5		41
44609.48	881136.6		104
5166750	349198.5		289
2276437	13327327	[1521][M+1] ⁺	11
2445389	5471463		291
2681112	1776909	[642][M] ⁺	172
667894.5	1200213	[M+H-CH ₃]	178
22541317	20307714	[975][M] ⁺	185
3579992	8307230		372
1762556	1257523	[1153][M] ⁺	412
40222260	33283510	[974][M+1] ⁺	29
2885853	826542.4	[M+K] ⁺ 310	16
319236.8	699001		314
1.62E+08	3.45E+08	[1266][M] ⁺	10
2168057	1407122		110
4143454	6155154	[694][M+1] ⁺	218
4261120	27107191	[1521][M] ⁺	11
490442.8	417092.4		82
374911.8	380281.4	[M+H] ⁺ 250	31
10201361	4229304	[709][M] ⁺ [M+H] ⁺ 430	33
280300.1	182684.3	[M+K+HCO	29
924114.6	523370.5	[1264][M] ⁺ [M+K] ⁺ 600	205
889207.8	869343.3		237
73611.52	197066.8		18
51688.71	851991.1	[614][M+1] ⁺	171
1205651	2336849	[M+2Na] ²⁺	23
364383.2	693130.2	[1141][M+2] ⁺	29
849539.5	1557197	[87][M] ⁺	60
9230398	19249758	[1266][M+2] ⁺	10
377413.9	307862.3		61
857128.2	3735010		154
4586974	10574528	[M+Na] ⁺ 300	117
96611.4	381681.8	[1161][M+4] ⁺	49
560443	474630.3	[M+Na] ⁺ 400	168

2616297	129723	[M+H-COCl	100
321365.7	131293.9		45
38567033	32190125	[116][M]+	61
396019.3	943271.8	[M+Na]+ 4	169
923832.6	4793460	[782][M+1]+	95
234766.9	145585.8	[63][M+1]+	179
2555426	2341800		398
2323301	2756763	[1115][M+1]+	41
37177520	37312524	[698][M+1]+	52
1376913	1005775	[M+K]+ 286	228
1068747	1558809	[1111][M+1]+	13
483951.7	865684.5	[M+Na]+ 30	49
783880.9	7776010	[1269][M]+ [M+K]+ 61	172
1224169	2101315		178
146217.6	779220.7		441
1322522	1112363	[343][M+2]+	79
638185	1158743		253
666395.7	446985.9	[M+Na+NH	40
162532.2	282971.4		228
1.41E+08	1.22E+08	[974][M]+	29
2628660	4316154	[M+H-CH4]	215
384970.5	834334.8	[1297][M+1]+	10
25709546	24814182		77
166921.9	288744.6	[702][M+3]+	26
2801629	4120926	[420][M+1]2+	2
31576.93	962802.6		178
2149371	434851.3	[976][M]+	226
596158.1	2155588	[164][M+3]+	55
213393.4	27221.15		423
1202465	897505.7	[M+Na]+ 5	18
201778.4	199584.8	[38][M+2]+	41
18734.14	527588.8	[M+H]+ 34	209
384709.3	760052.7		41
53614.61	242637.4	[652][M+1]+	284
721152	251232.4		123
329790.8	1655597	[2M+2Na+H	49
67860.27	334804.4	[M+K]+ 706	49
356050.2	784025.2		361
522805.1	515280		327
51517204	44649907	[1114][M+1]+	47
2782366	4886372	[M+Na]+ 2	88
2545730	2595383		194
160116.5	4541948	[1289][M]+ [M+H+CF3O	55
5695148	3952237	[747][M+1]+	172
7665748	27057558	[164][M+2]+	55
235155.8	1414409	[538][M+1]+	55
2778440	2100665	[1207][M+4]+	100

481515.6	588703.3	[111][M+2]+	83
415046.2	541469	[1102][M]+	47
764660.8	873695.2		373
96543.89	392264.7	[832][M+5]+	26
1122397	634980.9	[M+H]+ 30!	134
620632	436606	[M+Na]+ 2	228
90344.24	589732	[M+H]+ 43!	95
1324562	1634299	[1155][M]+	169
1016643	540959.9	[651][M+1]2+	18
210944	1516793		83
6551.844	278319.2		178
358774.7	1179089	[1203][M+1]+	2
1348957	609559	[1480][M+2]+	243
586382.4	571421.3		212
588393.7	1392225		71
2989054	3212180	[511][M]+ [M+H+NH3	29
1006293	3977294	[1486][M]+ [M+H+HCC	11
4049176	3439777	[M+K+NH3	360
4729725	4105360	[166][M]+	52
53138967	1.37E+08	[206][M]+ [M+K]+ 25!	49
123741.1	306405.1		91
394922.8	98359.62	[1371][M+1]+	217
4063303	5898289		304
2649051	2555214	[149][M+2]2+	60
335312.7	235075.9		73
171484.5	2228467	[1269][M+1]+	172
2043409	1876075	[25][M]+	96
1085367	1019882	[M+K]+ 21!	252
60502.03	143851.8	[1187][M+1]+	284
488333.4	125128.1		92
743185.1	932114.9	[M+Na]+ 4!	143
236546.4	999682.2	[115][M+3]2+	2
615566	764343.4		19
1627755	5128899	[774][M+1]+	79
1352373	299453.9	[M+H+HCC	217
58829.41	127308.3	[357][M+2]+	73
6166631	20343233	[925][M]+ [M+Na]+ 4!	172
16548439	4736254		2
1003817	789776.7	[484][M+1]+	297
879936.3	916323.6	[M+H]+ 40!	272
669849.5	1227986	[M+2K]2+ 3	171
110876.3	2168124	[M+H]+ 59!	95
1079818	2139356		22
2892752	8849534	[269][M+2]+	103
396823.6	300344.8	[M+H]+ 69!	116
4461970	4993547	[174][M]+ [M+H]+ 28!	221
298571.8	286525.6		60

623758.7	439939.3	[208][M+1]+	324
46820959	1.37E+08	[106][M]+ [M+K]+ 215	49
17013143	26688352	[238][M]+	61
1366802	545470.9	[346][M+1]+	16
3.1E+08	5.58E+08	[621][M]+	9
897232.6	537206.4		228
4472590	5911876	[1111][M]+ [M+Na]+ 54	13
8215951	11963847	[240][M+1]+	106
1372446	1486763	[1239][M]+	364
480455.8	601290.6	[M+H]+ 164	78
54324.65	81953.51	[M+H+CF3O]	279
969147.5	937199.7	[M+2H]2+ 4	4
3015346	6830417	[1280][M]+	28
1655056	1680516	[M+H]+ 190	104
137943.9	167048.7	[632][M+1]+	217
0	328608.4		199
2530476	8778422		79
1080791	697422.2	[809][M+2]+	107
276946.4	64522.98		96
415466.9	222704.4	[M+Na]+ 84	29
3026161	2732851	[701][M]+ [M+H-H2O]	172
2232843	2338169	[176][M]+	160
350866	211858.1	[M+H-H2O]	29
101880.4	280251.5	[280][M+2]+	169
0	123175		359
118183.3	646844.6		336
60037.33	401803.7	[M+Na]+ 24	199
715447.7	504645.3	[M+Na]+ 34	180
747885.7	567520.8	[1000][M+1]+	212
120844.8	243793.2	[252][M+2]+	114
902983.6	608180.5		217
5437753	2630895	[243][M]+	61
3092415	3532584	[2][M]+	41
487756	1857306	[M+H-H2O]	55
1394090	7395689		1
1971146	1487244	[463][M]+ [M+K+HCO	17
1201577	1644378		176
875902.6	402906.7	[1370][M]+ [M+Na]+ 64	25
4879741	5028201	[794][M+1]+	151
5583391	3144389	[328][M]+	292
1920979	2443193	[M+H]+ 304	49
4109932	43029588		54
3048484	10201364		264
589155.9	334531.2	[642][M+1]+	172
522404.5	452423.1		473
2953079	11644261	[64][M]+ [M+Na]+ 20	49
1343963	12472614	[1124][M+1]+	69

642506.9	646986.4	[M+Na]+ 4:	264
461261.3	597868.5		61
1307508	1781458	[1213][M]+	78
3115604	2173633		62
370921.6	2634286		110
723792.8	508163.5	[1173][M+3]+	25
518528.9	447163.1		373
35132071	29911547	[648][M]+	20
1567724	2183906		369
1034299	182619	[2M+2Na+:	121
553564.4	539152.8	[1195][M+2]2+	29
29678682	21637571		114
1.57E+08	1.37E+08	[1114][M]+ [M+Na]+ 5:	47
20848418	17819620	[1042][M+1]+	77
373928.3	347056.3	[1440][M]+	340
747871.9	758136.2	[437][M]+	324
490208.7	1028670	[M+K+NH3	60
47847202	31054887	[930][M]+	175
205527.1	114948.9		136
220924.3	405960.4	[264][M+1]+	22
1331029	5670509	[1332][M]+ [2M+Na]+ :	95
99949.15	1371874	[M+H]+ 86:	95
1552138	3262266	[105][M]+ [M+H]+ 25:	230
709171.2	605239.3	[M+2H-NH:	257
97673.1	252268		397
378501.6	301413.5		62
2437205	779012.1	[1426][M]+	45
121849.4	34588.52		382
362020.6	1668367	[M+H-CH2]	104
430510.5	745131.9		107
713780.2	390410.2	[M+2H-NH:	189
646971	437214.3		119
1209115	2226865	[M+2H-CO]	87
9713214	3064766		1
772232.8	3537690	[486][M+1]+	95
906283.4	3884993		104
81827.27	325066.2		49
32789.66	131347.9		149
409662.9	368338.2	[49][M+1]+	27
297612.5	275787.8	[M+K+HCO	119
322391.1	399415.6		175
1805307	3651222	[723][M]+	342
2.44E+08	1.78E+08	[1108][M]+ [M+H]+ 56:	29
432353.6	207846.5		216
69467154	1.49E+08		9
69495234	61120580	[1042][M]+	77
9799016	12891409	[544][M+2]+	19

139872.1	192996	[413][M+2] ²⁺	138
466707.5	418968.5		221
344421.8	122420.6		134
4723819	15636619	[3M+2H] ²⁺	11
362549.2	1507181		136
1266774	1418440	[154][M+1] ⁺	41
139960.6	435165.2		104
754339.2	550534.5	[M+H+NH ₃]	214
968900	17740666		184
232834.5	106066.5	[M+Na] ⁺ 2'	119
74427.02	152017.1		46
1514108	6484262	[82][M+2] ⁺	55
7399538	12007763	[142][M] ⁺	290
693649.1	1207652		86
262227.8	987120.9	[872][M+1] ⁺	2
626201.5	1032024		16
399902.8	507325.5		162
2121958	659175.4	[1112][M+1] ⁺	133
802493.3	1734517	[M+H+HCC]	4
1096459	538117.4	[291][M+1] ⁺	293
996767	2856017		264
557546.4	2154815	[815][M] ⁺	182
2296352	2406681		90
737470.5	457017.6		48
339568.6	390487.3	[M+K] ⁺ 49'	119
15512582	18363316	[262][M] ⁺	280
2702605	4829592	[M+H] ⁺ 28'	284
5816507	7798214	[98][M+1] ⁺	105
7275192	4613039		62
124077.4	305304.3		119
890752.7	794456.6		371
22524053	18787000	[1045][M+1] ⁺	17
469350.7	564739.9		304
525147	808623.9		440
451640.7	378262.8	[M+H+NH ₃]	288
4703325	4.68E+09	[M+Na+HC]	4
23339396	18567106	[1248][M] ⁺ [M+H] ⁺ 63'	34
123638.9	917001	[1118][M+1] ⁺	103
679475.3	11658082	[1009][M] ⁺ [M+Na] ⁺ 5'	110
9757043	1240910		253
1965689	2060563		215
2893383	5700052	[1533][M+1] ⁺	54
274956.9	668426.9	[M+K+NaCl]	104
8035155	3664386		25
101283.2	149200.6	[M+Na] ⁺ 2'	289
337737.5	412454.5		32
10328067	13078867		181

219148.6	810806.1		264
652740.3	895454.6		31
7056580	5812641	[1248][M+1]+	34
257311.4	114985.1	[1387][M+1]+	333
45609.98	182210		62
240942.2	294530.9	[M+H]+ 22	268
556243.4	713713.9	[M+Na]+ 4	101
374294	321627.7		32
792889.3	1063329		4
69014.43	186212.4		285
8117645	6677470	[453][M+1]+	1
4788208	3702774	[1500][M]+	52
151322.5	320396.9	[1405][M+1]+	100
727516.1	599535.7		202
264439.8	65307.15	[1298][M+1]+	223
236775.2	162252	[682][M+1]+	75
221162.3	109521.3	[463][M+1]+	17
53642.24	122090.8	[969][M+1]3+	206
191363.4	340606.5	[539][M+1]+	217
541301.8	1215702		298
632259.3	1489657		452
1918310	628504.5	[709][M+1]+	33
759147.6	490451.9	[928][M]+	32
37485582	16480664	[813][M]+	123
283556	708338.8	[2M+Na+3I	55
868817.4	2.67E+08	[453][M]+	1
313275.9	342689.9		22
225239.3	206955		61
103939.4	57291.36	[M+Na]+ 8:	138
148141.7	579932.5	[M+K+HCO	55
638594.5	2553766		13
3834519	3308345	[452][M]+ [M+Na]+ 3:	78
751242.2	4912638		1
14803696	7711003		25
616811.6	1092678		233
314758.9	1368631	[M+H-C2H4	49
332762.5	521723.9	[877][M+1]+	341
724353.4	318119.7	[3M+2H]2+	64
350431.4	237748.2	[M+H-H2O]	143
375995.1	2033459	[631][M+2]+	83
414319.4	441235	[M+H]+ 24:	104
811299.1	1029966	[1547][M]+	116
665049.7	810873.8		241
1151276	1255753		227
2911364	1371952	[1051][M]2+	25
2217387	2730685	[1035][M+1]+	2
1552599	1191581		366

1662587	347609	[1017][M]+	318
76499567	78928487		46
9455422	9014633	[1031][M+1]+	138
121119.6	574598.2	[M+H-H2O]	116
404728	365902.7		249
6401184	50136189	[1124][M]+	69
294637.7	98187.93	[M+K+NaCl]	29
132981.5	1233031		97
30732917	32215022	[1136][M]+ [2M+Na]+ :	17
54653.22	1113055	[M+K]+ 49%	110
267281.2	2200542	[1177][M+2]+	95
1109197	1525695	[1160][M]2+	70
4228154	14542551	[106][M+1]+	49
139937.7	838272.3	[657][M+2]+	79
9953082	13825938		263
2487983	4138952		101
1236632	1344064		185
4917416	4379213	[208][M]+	324
820348.8	732228.2	[677][M]2+	46
1002090	359835.1	[1426][M+1]+	45
1999341	1114996	[918][M+1]+	76
857855.7	1012159	[411][M]2+ [M+2H]2+ (	116
767030.2	1163129		207
252119.2	171540.5	[M+H+NH3	119
156943.9	78681.11		297
905921.6	1023023	[M+2H-CO]	286
86111.33	984931.6		172
78218.89	220921.6		235
1058018	2298144		116
85299.17	242157.4		152
236596.4	143607.6	[M+K+HCO	83
621178.2	343292.6		207
8465.92	210337.9	[M+H]+ 65%	83
255406.4	483012	[74][M+1]+	208
87754.31	87213.88		118
23638866	18045744	[982][M+1]+	120
10600410	11008795	[398][M]+ [M+H-NH3]	250
3773225	5249116		273
4082778	2920290	[M+K]+ 22%	143
7488314	4255934	[1147][M]+ [M+Na]+ 5%	29
384652.8	422614.2	[1290][M]+ [M+H-C3H7]	34
398347	214835.3		29
147313.3	177759.2	[314][M+1]+	103
257189.3	459768		165
5062304	3692984	[M+H]+ 40%	100
297432.3	138076.4	[460][M+3]+	29
64817.92	153671.3		67

250977.2	139372.1		107
509274.2	230361.6	[1128][M+1]2+	25
3855420	4546639	[514][M+1]+	16
79592.33	819703.1	[M+Na]+ 4	172
1351566	2161974	[253][M+4]+	119
3985532	2014941	[806][M]+ [M+H+NH3	172
763746.9	65311.07		226
5527293	3736012		97
457971.6	949428.8	[224][M+1]+	304
329251.4	590343.8	[M+K+NH3	160
1613893	2362491		127
3228398	2901446	[M+H]+ 20	90
10903290	4401559	[813][M+1]+	123
1993335	1762511		220
546957.7	956653.1	[M+H]+ 43	119
471048	651577.9	[M+H]+ 31	60
954560.3	293396.5		111
130882.3	126357.8		81
3633863	10443106	[800][M+1]2+	54
24512247	36915253	[178][M]+ [M+K+NH3	127
602178.1	1774594	[1266][M+3]+	10
279721.4	393399.1	[1140][M+1]+	119
353936.4	417857.8	[M+Na+HC	29
2758483	2613232		364
1469683	1513359		355
77086523	64235395	[1045][M]+ [M+H]+ 54	17
1421105	1116596		75
962361.9	1558770		332
346563.1	744084.8	[1514][M]+	200
134681.3	169729.3	[1265][M+1]2+	202
2612645	2425098	[858][M]+ [M+H-CH3]	281
704493.8	303710.3	[978][M+1]2+	60
77028.34	1336276		208
224608.3	376917.3		164
23703.39	1106343		110
6166066	16927457	[206][M+1]+	49
189935	1196340		272
76432.75	207711.4		60
100759.1	454923.9	[M+H]+ 27	49
939798.7	1534205	[884][M]+ [M+K]+ 45	160
358071.6	511853.3		372
11020999	9060027	[399][M]+ [M+Na]+ 3	104
63890.43	155473.2	[M+K]+ 97	23
44822311	1.42E+08		50
355070.8	526836.5	[1534][M+1]+	23
610645.8	1914044		171
885452	1235452	[841][M+1]+	127

1104217	1645415		11
41768.41	377248.9		113
619698.7	510963.1	[897][M]2+	23
303445.3	280618.5		217
639955.9	519907	[3M+3Na+]	254
141543	907224.4	[315][M+1]+	186
108656.3	189919.2	[1141][M+1]+	29
314657.6	406588.9	[M+H+NH3]	79
246277.4	458928.2		326
457785.5	352545.2	[1153][M+1]+	412
673308.7	1849150	[118][M]2+	55
322666.5	627884.4	[626][M]+	387
213819.3	391517.3	[625][M+1]+	169
325244.9	199283.1		18
15714176	325299	[826][M]+	62
1095545	621827.2		266
1329075	2468935	[925][M+2]+	172
573757.3	715679.8		218
978797.6	1055449	[574][M]+	84
342637.8	709580.7		119
61426.03	1683136	[1463][M+1]+	95
517024.8	441413.9		29
397243.2	881416.2	[M+H-H2O]	230
126335.2	412120.8	[M+K]+ 69	29
79739.53	331390		292
258438.4	882758.6	[425][M]2+	164
503046	531472.4		3
2103643	11450098	[538][M]+ [M+Na]+ 30	55
419320.4	781304.7	[925][M+4]+	172
1423943	6737060	[634][M+1]+	95
130843.7	134911.7		20
2942847	1170774	[M+2Na]2+	143
432923.6	458856.9	[304][M+1]+	41
529509.1	364677.4	[M+K+NH3]	228
430874.3	446027.7	[1268][M]+ [M+Na]+ 6	34
364000.7	487594		110
1650345	2297653	[921][M]+ [M+H-C4H8]	11
510975.5	1529824		209
51091.17	7604.657		123
3020814	7770624	[95][M]+	290
16130985	14749600	[687][M]+ [M+H]+ 42	90
99615.66	486890.4	[37][M+1]2+	8
12524102	7425219	[930][M+1]+	175
100070.5	140326.1	[79][M+1]+	218
1541834	454697.9		277
143619.5	948383.3		104
857966.2	3161785		1

1905102	3774937		230
13964721	17258940	[649][M]+	37
1151276	239762.8	[M+Na]+ 4:	33
758183.9	1068183		172
145416.3	1086936	[M+H]+ 39:	178
150658.8	201956.6	[528][M+1]+	109
179225.4	498287.3	[M+H]+ 20:	103
251981	117973.9	[M+Na]+ 4:	64
302519.6	227230.7		151
136263.8	125643.9		233
2253120	1420487	[1170][M]2+	29
3951620	5805349	[M+H-C6H:	88
1711298	2651680		19
3707203	4511796	[512][M]+ [M+H+NH3	244
44719.18	560712.1	[M+K]+ 46:	127
375009.3	1511502		390
940986.1	802926.2		11
5108971	2719277		100
84059.11	96214.13	[87][M+1]+	60
215021.2	150938.4	[316][M+1]+	19
1.23E+08	3968449		1
193428.9	332647.6		106
543802	356265		216
556467.1	2331175	[219][M+1]+	49
283696.4	632585.8		26
1.35E+09	1.67E+09	[764][M+1]+	2
2759063	4953995	[322][M]+ [M+K]+ 28:	116
1205760	2544711	[738][M]+	55
156607	814812.5		356
2624862	8251196	[774][M+2]+	79
595915.5	850294.5		54
361669.7	642241.6	[M+2Na]2+	4
217181.9	122791.1	[711][M+1]+	286
61209.03	143815.2		343
920599	1779094		252
1099063	801770.5		216
699792.3	554253.5	[2M+Na+2I	52
83387.46	291878.3	[M+K+NH3	133
93002791	77010599	[189][M]+	61
127517.8	318398.1	[M+K]+ 24:	138
681607.4	873005.7		22
20579757	6941304		2
3381658	2303165	[205][M]3+	62
3475415	3163378	[698][M+2]+	52
263824.9	193281.1	[584][M+1]+	23
2562896	2459092	[29][M+1]+	83
67016.01	97682.05		137

227947.8	213934.5		459
866367.2	7642114	[416][M+1]2+	1
1477797	1648191		90
47596.44	933415.9	[1009][M+2]+	110
8313582	13993150	[337][M]+	77
63606.6	647542.3		94
1188737	1391700	[1063][M+1]+	104
174118.6	223604.4		41
620193.8	652551.2		94
33692303	30977420		41
126608.9	0	[M+K]+ 734	18
777872.8	456113.5	[M+K]+ 602	18
309675.4	279049.6		111
9080522	5990303	[420][M]2+	2
6242962	5676993	[1117][M+1]+	321
189285	352287.2	[M+3H-H2O]	33
499917.8	284944.4		416
2396262	909228.7	[M+H]+ 364	4
918679.4	1136617		6
119983.7	240656.5	[61][M+1]+	116
433285.2	414676.8	[648][M+2]+	20
156147.5	164045.2	[670][M+2]+	143
389961.4	241477.3	[1180][M+1]+	143
5125490	1434075	[587][M]2+ [M+2H-H2O]	243
182502.6	487585.7	[6][M+1]+	279
211087.1	530397	[610][M+1]+	160
12744	195805.9	[3M+2H]2+	55
550454.5	1202602		227
2175954	1914810	[895][M+2]+	84
129478	743269.6	[424][M+1]+	178
53044.67	175407.4	[377][M+1]+	81
251717.4	33783.75	[M+H]+ 544	13
1011805	1166273	[641][M]+ [M+H+NH3]	104
2138698	445571.8	[321][M+1]+	134
342497.6	322501.7	[M+Na]+ 34	199
550987.8	476276		119
757267.8	879392.2		90
759175.7	902691.4	[M+H-C4H8]	31
1258415	133573.1		355
1073398	2951042		4
643826.1	852512.7		52
81158.61	128002	[M+K+NaCl]	49
6643480	3481537	[291][M]+	293
979504.7	1590750	[773][M]+ [M+K]+ 416	276
183976.5	362040.3	[M+H-COCl]	221
1820704	1525468	[M+Na]+ 14	144
10328913	32340203		1

490758.1	603599.4		129
504953	1014367		259
2262841	1958679	[1500][M+1]+	52
65080.52	5218.063		449
1209107	669518	[1173][M+4]+	25
803542	188560.3		309
14982830	48333536	[379][M]+	244
185602.7	131782.7	[195][M+1]2+	62
31195042	32619085	[893][M]+ [M+Na]+ 4	169
2144038	6506027	[197][M]+	49
188244.7	243203.4	[194][M+2]+	114
481479.2	258949.4		81
354018.9	426285		381
265510.4	391660.8		264
63028.89	596166.5	[M+K]+ 37	83
37910.34	0		123
174821.8	1518656	[M+Na]+ 30	178
5247100	7105252	[1303][M]+	304
1.94E+08	5.53E+08		1
357907.7	556890.5	[727][M+2]+	143
263981.7	156673		213
10476574	27941458	[763][M+2]+	95
821348.3	795877.6		232
351242.8	296615.2	[1155][M+1]+	169
1598222	1241281	[M+K]+ 27	217
1027861	916511.9		49
142095.1	297550.8	[M+K+HCO	169
11672669	48139139	[475][M+5]+	1
2087076	1869293	[825][M]+ [M+H]+ 47	75
836489.6	2087320	[M+K]+ 45	11
1838808	5288586	[478][M+3]+	1
1082925	1313433		244
136198.9	340134.4	[588][M+1]+	116
4.61E+08	5.79E+08	[273][M]+	22
47281683	56286806	[229][M]+ [M+Na]+ 2	17
669541	758555.1		22
114304.9	107343.8	[1290][M+1]+	34
651415.8	546984.5	[2M+Na+K]	49
9441440	35004161		11
47439.72	330747.2		154
2177879	9167683	[164][M+4]+	55
400588.9	2412380	[1332][M+1]+	95
1235999	303011		92
489605.8	555681.6	[M+2H]2+ !	128
381726.6	111389.2	[1425][M+2]+	198
114852.9	129531.8		255
995604.2	6895154	[315][M]+ [M+H]+ 32	186

265770.6	1969804		152
126240.3	2910294		79
172075.4	1240786	[M+H-C6H:	110
3578562	2344124	[1464][M+1]+	278
83203.13	814721.1		104
98859.45	1339930	[736][M+1]+	55
184686.6	56681.41		467
536029.7	1286050	[1378][M]+ [M+Na]+ 6!	172
79713.39	2024863	[1009][M+1]+	110
1502228	1252714	[196][M+1]+	81
161973.2	732823.8		110
2475922	2294378	[706][M]2+ [M+2K]2+ 7	243
41956022	58200947	[98][M]+	105
368814.2	268524.8	[M+H]+ 49!	107
106619.3	66740.36	[25][M+1]+	96
393844	264021.1	[M+2K-H]+	95
1593308	1933578	[M+K]+ 28!	90
678004.3	573320.2		178
432794.5	3585824		315
329757.6	475503.8	[M+K]+ 51!	11
32228368	32624063	[1031][M]+ [M+Na]+ 5!	138
2225941	1894461	[399][M+1]+	104
2801081	3346421	[262][M+1]+	280
334557.3	342637.9		341
6774033	7966370	[229][M+1]+	17
670631.8	1243026	[M+H-C3H:	4
44671959	72753640	[543][M]+ [M+Na]+ 3!	11
54598.3	169321.6	[470][M+1]+	415
1225755	1814629	[390][M+1]+	78
260686.2	201728.5	[527][M+1]+	238
25839461	8020285	[1194][M]+ [M+Na]+ 5!	133
336592.9	287672.2		278
505760.7	616071		403
223352.4	231906.2	[M+K+HCO	284
256365.5	260822.1	[738][M+1]+	55
374556.1	854614.1	[702][M+4]+	26
999081	1358644	[M+Na]+ 2!	245
257564	234825.9	[274][M+1]2+	118
25847149	25098028	[111][M]+ [M+H-C4H:	83
105747.6	267432.4	[M+H-CH3]	104
689862.6	1103946	[781][M+2]+	284
549775.8	503960.4		29
3811175	2769266	[M+H-H2O]	288
3377461	4600485	[225][M]2+	62
259560.7	1053733	[120][M+1]+	254
83171.22	729298.7	[M+K+HCO	95
51577.08	373093.4	[2M+H+Na	83

1753292	1485327		123
60627009	46836629	[809][M]+ [M+Na]+ 4	107
624456.1	482533.3		62
156190.4	255615.5	[3M+H+Na	116
427942.3	4106562	[M+K+CF3C	49
1051764	1384538	[528][M]+	109
91412.59	2697577	[866][M+2]+	55
2042835	5747193	[M+2Na-H]	27
63586.11	450628.7		414
1249541	1646906	[527][M]+	238
26768336	46131469	[1244][M]+	12
749321.9	619283.1		201
589443.6	392062.6	[1500][M+2]+	52
115886.8	76780.83	[M+Na]+ 5!	205
6482389	10335081	[224][M]+ [M+H]+ 29!	304
1831064	2646095	[1303][M+1]+	304
2369245	852153.3	[1046][M+2]+	40
6.27E+08	1.72E+09	[836][M+1]+	3
880681.7	671060	[29][M+2]+	83
1215788	2273203	[702][M+2]+	26
40783.82	198764.3	[75][M+1]+	319
546294.7	790949.5	[M+K]+ 37!	229
95933704	1.22E+08	[273][M+1]+	22
212193.4	320745.2		61
3538249	4912999	[292][M]+ [M+H+NH3	49
238290	480428.7		62
566047.9	721625.2	[240][M+2]+	106
234848.5	416557.2	[1272][M+2]+	26
357679	75867.72	[2M+3Na-t	75
408068.5	191018	[M+2Na-H]	289
442762.9	420788.7		281
2157139	2846494	[352][M+1]+	2
96520.94	71385.34	[73][M+1]+	277
1153442	1409366	[1304][M+1]+	119
23059039	24436667	[1287][M]+	35
46222.01	357398.5		91
320990.6	1785359		110
300402.1	168059.9	[2M+3Na-t	34
13293011	23268945		1
94171	407479.9	[M+K]+ 32!	104
460243.7	499055.2	[190][M+1]+	360
1317997	4552328	[925][M+1]+	172
96019.59	1151341	[1289][M+1]+	55
167576.7	3541668		61
384605.5	190201		390
349630.2	430053.2	[1239][M+1]+	364
22046969	19667166	[151][M]+	81

1031200	456773.3		349
685655.5	560994.6	[1576][M]+	412
32975441	32127784	[29][M]+	83
30902.78	408349.2		290
202572.4	50019.62	[M+Na]+ 7!	47
952187.6	1741561	[M+3H-CO:	23
5528367	555329.4	[1481][M+1]+	23
1415586	356689.5	[46][M+1]+	111
1400324	814227.7	[1170][M+1]2+	29
105287.4	1650060	[990][M+2]+	55
199134.4	1181805	[823][M+1]+	49
210275.1	104054.4	[M+K]+ 34!	29
1046668	1810181	[268][M+2]+	26
31829.17	119143.1	[M+Na]+ 3!	88
2483407	2888594	[57][M+1]+	104
446472.7	205639.6		24
146838.6	872100.1	[M+H]+ 38!	103
1485812	1324502	[840][M+1]2+	301
1451882	1427152	[682][M]+ [M+H]+ 42!	75
278596.3	926502	[324][M+1]+	169
6064158	8357643		143
49529.02	162233	[318][M+1]+	223
1545301	8109372	[M+K+NaCl	11
539286.8	644839.2		41
1378218	3281814	[714][M]+ [M+Na]+ 4!	104
15047197	1504587	[1481][M]+	23
132159.3	71777.09	[658][M+1]3+	62
2862802	1325490	[440][M]+ [M+Na]+ 3!	162
213537.4	284406.7	[1][M+1]+	66
10292694	21474689	[478][M+5]+	1
409768.2	198255.6		176
322522.8	293007.5	[M+Na]+ 7!	283
1652191	2196868	[M+Na]+ 3!	215
127345.9	134599.8	[351][M+2]+	151
613165.4	102990.7	[1514][M+1]+	200
15573790	43150465		263
710704.6	1285427	[752][M+2]+	169
99794.07	355515.8	[M+Na+HC	110
62292.18	576255.8	[M+K]+ 51!	95
66733.44	175810.3		61
506570.9	820979.7		132
23316998	18225766	[747][M]+ [M+H]+ 44!	172
359078.4	396557		203
518676.2	826290.3		218
5.32E+08	1.39E+09		1
1880716	2394803	[326][M]+	280
1525554	293241.1	[M+H]+ 63!	18

1041228	772466.1	[M+H-H20]	52
201820.3	142488.2	[M+H-COCl	18
1144933	2351058	[832][M+4]+	26
1076917	1226458	[785][M]+	341
3424072	2163317		33
982002.1	1167304	[20][M+1]+	41
56168413	345571.1		42
529464.6	631550.9		273
9064158	43199768	[560][M]+ [M+Na]+ 30	110
1989617	5454148	[M+H-CH4]	95
2092983	2223456		84
941513.4	655888.9	[M+K]+ 57	134
618545.9	1282331		248
11796769	52940562	[945][M]+ [M+K]+ 47	49
4523926	14378646		264
311727	410202.7		60
167649	104656.4	[M+Na]+ 2	110
355364.1	269041.2		175
9662.122	46512.05		165
492196.4	215042.6	[243][M+1]+	61
1563560	285996.2		243
170625	103571.5	[M+H]+ 67	254
1624431	1728472	[M+H]+ 28	143
3643721	5796066	[178][M+1]+	127
210725.1	321826.1		52
141805.5	248804.6	[1106][M+1]2+	31
1682408	470198.4		170
76707.94	796584.1	[M+H-CH3]	24
1678225	624623.9		33
416504.3	278516.2		25
1731389	2123267	[M+Na]+ 2	138
985002.8	326850.7	[M+Na]+ 5	79
249032.2	566070.1	[M+K+NH3	104
786988.9	1003889		380
3215277	10466609	[M+H+NH3	95
1056676	1077019	[706][M+1]2+	243
763782.1	568558.5	[M+Na]+ 3	341
105758.1	307552.3	[275][M+1]+	49
60067.68	121763.1		288
17272860	9152916	[380][M]3+	1
2489623	3114200	[649][M+1]+	37
6361450	6602803		214
1828282	4535559		71
203219.5	390134.1	[M+2H-C3H	55
1849342	2625566	[1008][M+2]+	3
390613.4	244334.4		23
6555412	10562552	[1008][M]+	3

985315.9	683190.7		160
1772326	2212114		264
491656.2	114839	[1298][M]+ [M+H+CF3O]	223
427920.3	1643033	[1161][M+2]+	49
2581929	1200220	[2M+H+Na	29
414196.3	104741.5		94
147209.6	191095.5	[574][M+1]+	84
1130207	3101724		1
12618108	22822754		1
2672910	5190626	[1134][M]2+	70
20025036	20345051	[895][M+1]+	84
720482.4	901494.5	[M+2H-CH ₃	100
12493758	15425463	[828][M]2+	2
77496217	20909969	[768][M]+	71
471017.6	753796.3		3
45601.77	115487.7		61
160474.5	202223.5		268
1148895	734505.4	[M+K]+ 278	238
974343	1090779		419
8609854	8332258	[750][M]+	2
579299.7	57820.48	[976][M+1]+	226
100131.9	113166.8		176
274276.4	442328.2	[M+K+HCO	29
9790009	11231203	[M+2H-NH ₂	160
2302215	1105028		25
168778.9	142632.9	[1127][M+1]2+	18
1501135	924168.4	[1006][M]+	32
1458592	1650082	[316][M]+	19
241464.2	432614.3	[M+H]+ 361	11
1013228	934092.9		232
424762.1	460115.6	[694][M+2]+	218
462287.8	338786.6		119
1388022	1050127		355
1904076	6384813		49
210247.4	607566.9	[71][M+1]+	279
1526840	1389322	[M+H-COCl	217
373042	204892.1		302
779674.5	1149649	[2M+H]+ 41	26
1103291	539321	[813][M+2]+	123
430562.2	312152.6	[M+Na]+ 31	119
12210173	9933004	[189][M+1]+	61
596737	209828.9		268
257020.6	113207.8		81
1594354	3672869		5
451357.9	668908.2		20
189503.5	351848.9	[M+2H]2+ 1	116
1.05E+08	688224.9	[M+Na+HC	23

38664.45	348344.8	[M+H-H20]	103
353064.3	106761	[M+H]+ 33:	159
218605.5	211102.8	[785][M+1]+	341
14489150	4095058	[46][M]+	111
182935	210849.5	[1516][M+2]+	32
683192.2	721831.4	[1160][M+1]2+	70
557593.3	593178.7		170
2563385	1639496	[83][M]+	118
198276.1	187893		142
677099.9	919917.3	[1062][M+1]+	22
1394933	2016485	[M+K]+ 514	341
450421.6	528765.6		83
2406548	2099057	[687][M+1]+	90
16858723	76812483		67
1628539	376212.8	[M+H]+ 400	55
10508464	21922910	[994][M]+	138
441266.8	774803.6		347
135060.5	145727.6	[M+K+NH3	103
1445705	139096.9	[M+K+HCO	18
436154.4	376264.9		427
2382600	1892027	[111][M+1]+	83
145054.3	1647857	[M+K]+ 348	178
2791429	3165151	[32][M+1]+	19
236540.5	200337.1	[104][M+1]+	27
807983.5	495742.2		47
578644.8	562054.8		71
257806.5	189385.2		62
466617.3	982409.2		77
936889.4	790800.8		119
98060.05	464954.9		144
111253.2	1018775		1
758775	504900.7		25
1043108	872119.4	[58][M+1]+	261
426960.3	395531.6		178
86412.21	102712.7		46
231119.7	774509.1	[444][M+2]+	83
42415.95	576615.8		97
305690.5	1501916	[M+H+HCC	49
82408.42	205092.7	[1544][M+1]+	23
570608.9	1151503		64
304631.1	4913737	[1463][M]+ [M+K]+ 748	95
228425.3	394544.7		110
290510.3	301954.7	[M+2H]2+ :	31
263933.7	89442.5		18
79378.39	962603		166
12919814	12092293	[M+H]+ 34:	143
189331.7	388783.1		292

5067455	7134420	[M+K+CF3C	341
698054.4	275759.1		357
4791135	68043.16	[467][M+1]+	248
242952.3	287094.8		289
108207.5	204672		41
293393.3	625781.6		238
668817.7	832292.8		437
4358158	1730621	[1425][M]+	198
347532.2	321264.2	[1309][M+1]+	364
98415.73	318775.9	[2M+2Na+I	49
413652.9	215542.7	[M+Na]+ 1:	40
14092298	10470429	[809][M+1]+	107
281512.6	485257.1		470
30378688	40268194	[613][M]+ [M+H]+ 40!	160
847479.7	2599783		2
782354.9	1037175		104
2633893	2817912	[M+H-CH3]	169
1321223	3214215	[M+2H]2+ !	49
2908272	2375215	[1270][M+1]+	95
61261.51	1306671		374
276419.3	315907.8	[M+H]+ 39!	104
362914.3	5876927	[1142][M+1]+	55
1751239	1622763	[750][M+1]+	2
498614	1101003		63
967469.6	1290398	[564][M+1]+	217
43200.12	181532.1	[1161][M+3]+	49
1994311	627018.6		199
185817.4	238330.1	[3M+K]+ 2:	104
2300863	703710.1	[M+H-C4H8	23
1429155	641856.4	[M+H-H2O]	11
1335637	11573601		1
131789	311433.7	[312][M+1]+	292
318101.4	597426.9	[714][M+1]+	104
158670.1	125223.9		66
370302.3	815813.6	[M+H-HCO	119
748225	136119.1		355
510447.7	1328428	[832][M+3]+	26
901640.4	2907235		362
52476.26	100204		169
1702814	2607073		20
1566416	616761.1		244
2290856	2037408	[645][M+2]+	52
539202.9	1267301		10
842149.8	451099.2	[M+H]+ 33:	104
4337039	9144546		323
2126700	23508302	[1142][M]+	55
120207.1	110567.4		433

6369351	10055440	[239][M+1]+	86
2382541	1399661		100
1218166	4901229	[934][M]+	49
0	1240827	[M+Na]+ 20	180
15765019	5624523		1
1296663	7511244	[560][M+1]+	110
39553262	60864309	[239][M]+ [M+K]+ 26	86
15499598	25237404		61
144758.2	159033.5	[M+K]+ 22	116
2990176	656828.3	[M+Na]+ 6	18
702456.8	683339.2		143
311043.2	259064.9		176
265095.4	454005.9		204
977280.1	1121806	[1384][M]+	104
714268.5	556993		355
7648453	4918977		107
226837.8	281009.7		81
180177.3	335398.3	[805][M+2]+	116
158253.9	523670.2	[250][M+1]+	90
373463.9	1392286		136
708717.2	873260.2	[M+Na]+ 2	244
7883058	2432339	[1194][M+1]+	133
809646.9	1002959		349
1245465	1672038	[202][M+2]+	41
2082667	1770584		83
6353.152	246790.1	[M+Na]+ 3	199
25956763	89771797		1
3883179	16681027	[1068][M]+ [M+H+HCC	49
7583829	11523117	[390][M]+	78
1598585	1470410		2
3161415	2213805	[M+H]+ 33	312
114302.1	240112.8	[M+2K-H]+	75
1571766	3387655	[1297][M]+	10
22990399	25812357	[57][M]+ [M+H]+ 22	104
285420.5	280060.8		47
338943.2	109756.9		257
622272.5	3007077		303
2367155	2786893	[30][M]+	106
453562.4	416948.8		443
904326.9	698881.8	[M+2Na]2+	100
402900.5	1122582		129
19869162	31304391		82
1008142	1898622	[1244][M+2]+	12
636643.1	586091.9	[M+H-CH4]	173
179560.3	329784.1		255
1539660	1115782		176
2298070	2420046	[M+Na]+ 5	60

476707.5	136287		325
347916.1	1035752		229
255536.7	495718.8	[752][M+4]+	169
2878229	6465489	[994][M+1]+	138
719321.3	191763.7	[M+2K]2+ 6	29
88183.03	27616.16	[M+H-C5H8	64
0	5710382		394
2935206	7146477	[832][M+2]+	26
6987320	5426577		171
692097.7	882037.1	[M+Na+K+1	22
991899.1	892644		13
194626.8	429702.1		19
975632.3	1237450	[M+K+HCO	264
69328.32	218903.9	[M+H]+ 41!	103
994503.4	677251.3	[713][M+1]+	188
308904.5	277918.6	[1107][M+2]+	107
36549773	67249221		7
4158157	2894543	[116][M+1]+	61
1782691	2628690	[454][M]+	78
8810.027	418614.6		55
1662323	2890738	[324][M]+	169
170548.9	620065.3	[M+Na]+ 4!	49
1520649	3204744	[61][M]+	116
242176.8	346882.6		279
150351.3	214179.4	[1384][M+1]+	104
80358.77	212868		425
491012.1	287558.1		29
58716647	78659128	[1266][M+1]+	10
236274.6	1073978	[2M+Na]+ 1	55
916372.7	1130273	[M+Na]+ 5!	88
289981.6	6393233		171
136426.9	427168.5		10
192578.2	356170.6	[M+H]+ 26!	55
2157274	1997879	[957][M]+ [M+H]+ 51!	75
405563.1	571338.7	[2M+Na+K]	4
314281.5	594121.3		61
7832567	11679130	[543][M+1]+	11
65675.75	637526.6	[64][M+1]+	49
148040.9	126851.4	[368][M+1]2+	254
9823384	5448560	[918][M]+ [M+Na]+ 4!	76
764105.2	937060.4	[M+Na]+ 3!	100
801868.4	3527828	[1068][M+1]+	49
231254.8	190111.5	[996][M+2]+	261
528161.5	257238.1	[1212][M+1]+	25
21270.71	434360.4	[M+K]+ 55!	11
152565.9	182447.6	[245][M+1]+	119
881424.4	649921.1		66

2885697	3345913	[304][M]+	41
136234.5	2079416		55
5128.947	272517.6	[900][M+1]+	178
761692.2	1155101		103
6609521	8838603	[613][M+1]+	160
732107.9	695922.1	[713][M+2]+	188
96576.73	691198.7	[1142][M+2]+	55
2171894	5812162		11
179813.6	2290817	[M+K]+ 584	55
427604.9	56708.55	[1017][M+1]+	318
780706.1	921669		63
13857.42	419318	[3M+2H]2+	49
2559869	2720696	[1050][M+1]+	60
719687.6	969933.5		11
181828.3	209406.1	[909][M+1]+	88
360477.9	805490.5	[269][M+3]+	103
1358611	8713081	[424][M]+ [M+Na]+ 3:	178
75994.81	155617.7	[M+H]+ 304	86
7213301	8845621	[273][M+2]+	22
1603659	8127570	[823][M]+	49
247620.7	309655.6	[1576][M+1]+	412
183815.8	173038.6	[2M+Na]+ :	116
1433091	2213378	[1008][M+1]+	3
342363.7	322487.5		298
1925774	10975235	[945][M+1]+	49
130310.5	171414.1	[2M+Na]+ :	26
2658636	639298.6	[M+Na+CF:	309
99360.77	165756.3		66
8233126	10331259	[749][M+2]+	2
2638911	1349460	[1195][M]2 [2M+Na+2I	29
2583910	3616790	[1062][M]+	22
66456.22	217020.3	[179][M+1]+	104
97090.56	202345.3	[1092][M+1]+	284
550308.1	797710.7		19
93833965	65487965	[982][M]+	120
360063.8	747333.1	[279][M+1]+	65
7577554	9770485		170
284444	459165.8	[513][M]+ [M+H]+ 37:	17
2563441	2920433		97
297149.5	281625.3	[1265][M]2 [M+H+Na]:	202
221839.3	318586.3		119
11559352	8340012	[569][M+3]+	100
15385975	13382012		16
2119287	3099919	[1134][M+1]2+	70
9669396	4007365	[346][M]+ [M+Na]+ 3:	16
1480768	567635.4	[1051][M+1]2+	25
489356.9	585227.8	[512][M+1]+	244

76683599	79476803	[895][M]+	84
556147.9	482818.7		41
12482547	11327494	[196][M]+	81
7586946	6070218	[1270][M]+	95
161126.9	367284.1	[592][M+2]+	116
2454846	2692777	[430][M+2]+	100
313266.2	292656.2	[1115][M+2]+	41
1136298	857381.6	[660][M+1]+	168
2273284	1476094		339
225389.8	375708.7	[M+H]+ 150	289
873133	620820		297
203368.2	747042.7	[M+2Na-H]	83
1483621	1254836		313
556482.5	2118170		372
330109.7	621805.9	[891][M+1]+	37
1362588	906057.6	[2M+Na+2I]	47
65299.61	273884.5	[2M+Na]+ 1	133
225362.4	317909.1		177
1520355	379411.6	[1159][M+2]+	133
1699575	1611838	[1036][M]+	3
3292009	4964806	[841][M]+ [M+K]+ 438	127
1687034	881011.6		211
104738.2	31944.27	[M+H]+ 700	321
666608.6	402285.4	[484][M+2]+	297
422194.9	460386.2		273
67823.63	372552.9		302
43939.08	677544.4	[M+Na+CF ₃]	178
80486.87	872425.2	[M+K]+ 524	26
775171.6	621157.9	[M+Na]+ 51	275
329723.3	126194.4		223
238220.1	287708	[1403][M+1]+	214
680329.8	673171.9	[M+H+HCC]	237
1.43E+08	73827072	[2M+Na+2I]	18
1965897	2323382		2
1757541	2421828	[749][M+3]+	2
798295.7	698747	[17][M+1]+	156
350198.1	600050.8	[M+K]+ 160	55
20026049	43989264		199
78196234	142867		68
235442.5	1984514		49
8860569	10444101	[7][M]+	22
3350449	2334470	[1000][M]+ [M+Na]+ 50	212
4512021	3638464		139
1738284	1437358		405
26816861	32944664	[514][M]+ [M+Na]+ 30	16
268508.4	1390667	[516][M+1]+	72
694361.8	532855.6	[867][M+3]+	391

153386	3382280		6
3115235	2581853	[151][M+1]+	81
404480.2	514999.9	[1192][M+1]+	2
2579223	961821.5	[M+Na]+ 3:	4
147994	117044.2		63
161841.7	266890.7	[752][M+3]+	169
67937.12	1381253	[1433][M]+ [M+K+CF3C	55
352370	240475.7	[445][M+1]+	175
297322.4	3871706	[3M+Na+K·	55
262847	732779.3		69
66461.77	43380.3	[484][M+3]+	297