

400, ../OUTPUT/PA5-HighRes-H-Unknown\_Output.txt, 6

-46.5439, -168.176, 75.2918, 82.784, 63.1059, 74.0125,  
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-40.55 -13.81 -13.26 -40.51 -13.80 -13.29 0.055  
45.91 4.55 11.22 45.91 4.55 11.22 0.001  
-1.84 6.33 -21.51 -1.90 6.20 -21.42 0.170  
-27.37 -19.62 -6.23 -27.37 -19.62 -6.24 0.006  
13.09 -8.62 40.14 13.07 -8.49 40.15 0.132  
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-4.01 -8.80 57.64 -3.98 -8.69 57.61 0.116  
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-16.21 12.98 22.86 -16.23 12.97 22.87 0.018  
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21.96 23.17 18.46 21.96 23.17 18.46 0.004  
35.98 21.93 9.45 35.95 21.89 9.45 0.053  
34.90 2.29 26.45 34.80 2.26 26.38 0.128  
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-8.64 -26.26 -26.66 -8.63 -26.29 -26.68 0.029  
20.69 -10.05 -15.64 20.64 -9.90 -15.55 0.188  
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-22.89 -0.14 -41.64 -22.93 -0.08 -41.74 0.117  
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27.51 -2.83 33.53 27.46 -2.76 33.50 0.093  
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9.36 12.55 -13.70 9.36 12.55 -13.71 0.006  
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12.61	22.67	33.13	12.60	22.75	33.14	0.080
-10.05	6.81	-27.47	-10.00	6.89	-27.51	0.109
-38.80	-22.58	-23.34	-38.80	-22.58	-23.34	0.005
-8.16	-2.77	58.08	-8.19	-2.77	58.16	0.087
-5.76	-19.93	-15.73	-5.82	-19.85	-15.72	0.106
28.38	-12.52	-0.36	28.45	-12.61	-0.37	0.122
32.30	23.27	-10.38	32.28	23.25	-10.38	0.027
16.89	18.74	40.78	16.87	18.71	40.77	0.032
-14.80	18.33	25.48	-14.90	18.35	25.55	0.119
-36.78	5.24	-24.73	-36.64	5.12	-24.70	0.195
-7.09	9.14	-18.38	-7.11	8.99	-18.36	0.152
14.26	12.63	-14.10	14.24	12.62	-14.14	0.045
-15.17	7.56	-17.62	-15.13	7.40	-17.61	0.161
-31.01	-7.07	-5.88	-31.11	-7.18	-5.96	0.169
23.92	25.18	-22.94	23.92	25.27	-22.95	0.095
19.39	9.96	-27.70	19.34	9.92	-27.73	0.061
-0.19	-8.40	-34.35	-0.18	-8.40	-34.35	0.012
23.59	5.32	-29.45	23.54	5.30	-29.46	0.060
-10.67	7.90	-21.03	-10.67	7.95	-21.05	0.049
-35.29	0.20	-11.52	-35.28	0.22	-11.52	0.032
-38.65	2.79	-20.98	-38.65	2.79	-20.98	0.006
-17.61	12.04	15.54	-17.71	12.02	15.56	0.105
-6.93	-9.43	42.06	-7.03	-9.58	42.09	0.178
-28.59	-29.78	-20.14	-28.58	-29.74	-20.14	0.044
-4.79	-0.01	-32.95	-4.67	0.02	-32.97	0.119
9.41	24.28	20.83	9.41	24.35	20.84	0.063
-18.77	-11.35	-43.16	-18.79	-11.35	-43.16	0.025
34.12	20.43	-17.92	34.07	20.41	-17.91	0.057
-19.73	6.22	-14.60	-19.72	6.28	-14.57	0.064
-6.27	2.58	-32.52	-6.21	2.64	-32.51	0.082
18.02	-8.23	17.17	18.03	-8.44	17.20	0.212
39.44	17.00	-3.66	39.42	16.99	-3.66	0.022
7.30	22.31	33.99	7.30	22.35	33.99	0.038
-40.69	0.00	-20.23	-40.79	0.05	-20.23	0.111
35.41	4.27	24.33	35.53	4.30	24.41	0.139
-34.18	-24.05	-11.90	-34.14	-23.97	-11.95	0.102
39.73	10.15	15.65	39.72	10.14	15.65	0.009
-8.05	-25.07	-22.00	-7.92	-25.20	-21.96	0.187
-40.36	-19.01	-14.34	-40.42	-19.04	-14.32	0.073
-27.25	3.56	-12.63	-27.25	3.56	-12.63	0.001
45.16	8.01	8.60	45.27	8.07	8.60	0.127
26.14	-0.53	44.63	26.05	-0.51	44.59	0.095
32.77	4.54	29.08	32.75	4.54	29.06	0.025
-26.33	-3.55	-43.47	-26.34	-3.55	-43.48	0.012
38.01	3.12	22.15	37.89	3.08	22.05	0.158
-41.23	-13.06	-25.67	-41.36	-13.05	-25.69	0.132
31.19	-8.28	-20.05	31.13	-8.23	-19.98	0.103
40.47	16.90	14.15	40.43	16.85	14.14	0.063
28.65	25.03	1.38	28.62	24.92	1.38	0.107
40.32	17.65	6.58	40.07	17.48	6.59	0.298
14.82	27.87	-7.81	14.82	27.87	-7.81	0.003
16.56	14.08	-17.92	16.46	14.04	-17.92	0.107
-4.31	10.94	57.85	-4.29	10.93	58.01	0.158
5.34	-14.13	-18.76	5.29	-14.06	-18.75	0.080

23.99	25.77	-15.07	24.00	25.87	-15.07	0.101
17.77	-8.15	22.59	17.77	-8.01	22.58	0.138
41.45	13.39	-1.92	41.49	13.41	-1.93	0.048
-30.70	-2.79	-10.11	-30.72	-2.82	-10.15	0.052
-0.04	24.30	26.71	-0.03	24.32	26.71	0.017
16.52	-17.04	-1.38	16.54	-16.89	-1.40	0.156
-11.93	6.61	28.95	-11.99	6.71	28.89	0.134
11.44	-13.40	5.93	11.46	-13.31	5.90	0.095
-28.12	8.30	-28.08	-28.12	8.32	-28.08	0.023
-8.04	19.45	33.23	-8.06	19.49	33.25	0.052
-38.98	2.08	-24.02	-39.02	2.11	-24.03	0.044
14.77	25.20	14.02	14.78	25.33	14.04	0.127
-21.95	9.34	-21.98	-21.95	9.28	-21.99	0.056
26.20	8.64	46.27	26.14	8.63	46.25	0.060
21.01	19.10	-33.83	20.95	19.08	-33.75	0.099
-10.03	5.36	57.30	-9.93	5.36	57.23	0.122
-40.93	-18.14	-14.53	-40.89	-18.12	-14.54	0.050
-38.65	-0.08	-32.14	-38.51	-0.21	-32.09	0.193
-11.46	2.98	32.53	-11.59	2.98	32.54	0.132
29.35	-8.64	-20.55	29.34	-8.63	-20.52	0.037
-26.55	-0.82	-40.78	-26.57	-0.79	-40.82	0.051
-10.71	-2.02	41.12	-10.65	-2.01	41.11	0.055
28.30	24.62	-18.19	28.35	24.79	-18.19	0.174
-20.66	9.43	-27.49	-20.68	9.35	-27.49	0.086
43.85	5.29	-5.77	43.96	5.36	-5.80	0.138
-9.80	-6.32	-40.51	-9.76	-6.31	-40.61	0.107
-23.27	5.47	-36.90	-23.28	5.48	-36.93	0.033
-27.72	-26.05	-36.66	-27.72	-26.06	-36.67	0.018
25.81	25.79	-10.68	25.80	25.76	-10.68	0.024
-20.93	1.97	-4.82	-20.99	2.02	-4.82	0.078
-10.20	6.42	41.78	-10.31	6.45	41.78	0.104
-7.06	24.78	19.37	-7.18	25.05	19.44	0.302
20.25	15.24	-34.79	20.27	15.23	-34.74	0.052
-7.60	1.92	-35.89	-7.58	1.88	-35.84	0.064
-28.67	-20.02	-6.30	-28.67	-20.02	-6.30	0.003
30.82	24.51	2.52	30.82	24.49	2.53	0.017
-21.75	8.37	-18.26	-21.75	8.50	-18.23	0.127
-11.40	11.02	0.89	-11.36	10.98	0.89	0.060
9.79	22.41	30.16	9.79	22.80	30.20	0.386
3.03	25.26	13.61	3.03	25.42	13.63	0.160
-4.18	-12.02	-38.33	-4.10	-12.05	-38.37	0.091
-18.00	19.30	17.72	-17.89	19.29	17.70	0.113
19.82	8.37	58.27	19.81	8.37	58.34	0.064
10.14	19.42	57.50	10.14	19.54	57.53	0.125
7.24	-13.05	6.16	7.23	-12.92	6.15	0.130
-41.90	-2.72	-15.71	-41.86	-2.73	-15.73	0.041
-8.00	-8.49	-40.33	-7.98	-8.49	-40.40	0.075
-21.86	-19.96	-6.96	-21.87	-19.92	-7.00	0.055
-33.41	-27.07	-28.14	-33.47	-27.18	-28.15	0.125
34.74	-8.83	7.69	34.68	-8.77	7.70	0.084
-10.72	4.86	43.22	-10.67	4.85	43.22	0.048
19.22	-15.57	1.19	19.21	-15.52	1.17	0.059
-3.38	-2.79	-37.09	-3.36	-2.78	-37.09	0.020
27.79	8.05	39.39	28.00	8.09	39.45	0.225

6.84	-3.80	58.20	6.83	-3.80	58.27	0.074
5.53	-9.87	24.90	5.52	-9.82	24.89	0.049
21.75	-6.25	37.14	21.63	-6.04	37.11	0.239
-10.00	3.80	53.55	-10.22	3.79	53.57	0.219
22.18	25.92	-16.76	22.18	25.91	-16.76	0.002
10.11	-8.99	38.09	10.10	-8.87	38.09	0.123
-7.74	-18.80	-7.73	-7.69	-18.85	-7.71	0.075
25.61	-14.52	-12.09	25.60	-14.48	-12.08	0.051
34.45	9.67	23.17	34.32	9.63	23.11	0.151
-42.27	-13.90	-16.42	-42.23	-13.90	-16.43	0.037
35.67	2.28	-21.48	35.63	2.29	-21.47	0.043
27.99	25.18	-5.94	28.02	25.30	-5.94	0.126
-19.59	-0.41	6.75	-19.44	-0.46	6.69	0.169
5.63	20.26	52.23	5.62	20.30	52.24	0.047
10.62	23.66	23.31	10.63	23.76	23.33	0.094
-30.15	-6.66	-7.14	-30.17	-6.69	-7.17	0.051
33.81	21.51	11.64	33.77	21.48	11.57	0.081
-9.98	3.81	55.69	-10.15	3.79	55.69	0.166
-4.98	14.55	57.86	-5.06	14.64	57.92	0.143
-14.70	10.43	7.51	-14.73	10.44	7.49	0.044
-11.66	-13.22	5.15	-11.63	-13.16	5.14	0.063
25.76	-15.05	-4.76	25.73	-15.01	-4.77	0.057
-27.20	-30.61	-23.13	-27.17	-30.52	-23.13	0.096
-7.54	13.03	55.69	-7.46	12.97	55.70	0.101
6.44	-9.87	42.54	6.43	-9.79	42.54	0.075
-31.41	-9.58	-5.57	-31.39	-9.58	-5.50	0.072
-16.14	22.82	16.27	-16.11	22.77	16.27	0.066
37.55	-6.84	14.86	37.55	-6.84	14.86	0.002
-9.49	-2.84	54.71	-9.34	-2.81	54.70	0.158
29.75	-5.69	19.31	29.80	-5.85	19.34	0.178
-41.37	-13.23	-34.01	-41.15	-13.28	-33.97	0.228
-13.71	-28.76	-25.89	-13.64	-28.92	-25.88	0.170
22.74	-7.03	26.16	22.70	-6.94	26.16	0.100
-8.33	16.43	38.16	-8.28	16.38	38.14	0.072
-8.10	6.69	-25.32	-8.08	6.72	-25.33	0.039
30.48	-11.34	3.44	30.47	-11.32	3.44	0.022
-38.36	3.15	-17.60	-38.32	3.10	-17.61	0.065
-0.86	24.12	27.53	-0.86	24.15	27.54	0.028
-24.90	-28.72	-32.30	-24.91	-28.87	-32.37	0.163
-22.55	-31.16	-21.49	-22.55	-31.21	-21.48	0.048
24.97	19.71	25.13	24.89	19.62	25.09	0.124
24.10	19.43	26.82	24.15	19.49	26.86	0.095
-13.52	-17.70	-6.29	-13.52	-17.71	-6.29	0.006
-6.07	-22.54	-33.07	-6.04	-22.55	-33.03	0.058
5.55	21.26	40.56	5.56	21.00	40.54	0.259
-14.72	8.03	-29.01	-14.74	7.93	-28.98	0.106
13.64	-1.92	57.46	13.66	-1.91	57.56	0.106
-3.95	18.45	3.08	-3.88	18.35	3.12	0.131
16.34	15.83	-32.03	16.32	15.81	-32.05	0.033
16.84	-12.46	-13.61	16.83	-12.44	-13.59	0.024
-9.64	4.80	-33.26	-9.64	4.80	-33.27	0.012
-21.98	-8.82	-44.63	-21.97	-8.83	-44.67	0.043
19.54	23.60	21.07	19.54	23.61	21.07	0.005
-32.29	-27.73	-25.71	-32.32	-27.79	-25.71	0.064

-25.43	-23.23	-38.69	-25.42	-23.29	-38.80	0.128
-10.93	19.46	9.89	-10.94	19.48	9.84	0.054
-35.14	-25.77	-17.72	-35.26	-25.93	-17.69	0.204
37.29	1.68	22.84	37.29	1.68	22.84	0.001
-9.80	6.64	-27.91	-9.82	6.61	-27.89	0.034
-10.58	19.28	9.76	-10.62	19.34	9.65	0.135
-2.72	-15.94	-31.96	-2.72	-15.94	-31.97	0.005
-8.97	-7.76	38.17	-8.91	-7.71	38.18	0.078
26.64	20.66	-29.24	26.58	20.64	-29.19	0.077
-40.34	0.70	-17.41	-40.37	0.72	-17.41	0.037
30.71	-5.57	-22.75	30.74	-5.63	-22.78	0.075
35.93	-1.52	24.19	35.89	-1.49	24.16	0.059
-42.45	-14.48	-18.31	-42.49	-14.51	-18.30	0.053
27.97	12.27	-33.11	27.91	12.19	-33.02	0.137
34.02	9.56	23.95	33.97	9.55	23.93	0.064
-24.53	-31.04	-24.99	-24.56	-31.17	-25.00	0.138
-7.10	22.11	8.52	-6.93	21.94	8.62	0.262
-6.97	-10.12	39.52	-6.92	-9.96	39.52	0.169
-8.69	9.05	-18.00	-8.67	8.98	-17.99	0.068
17.38	17.97	-34.09	17.34	18.00	-34.15	0.072
-14.95	7.56	0.22	-14.95	7.57	0.22	0.010
-21.73	-30.76	-20.71	-21.73	-30.99	-20.65	0.242
-14.60	-11.98	4.67	-14.62	-12.02	4.68	0.039
24.30	12.26	46.26	24.41	12.32	46.29	0.128
-17.07	3.49	17.04	-16.92	3.45	17.01	0.158
-8.83	-25.25	-28.72	-8.88	-25.19	-28.68	0.093
-6.55	-8.26	50.62	-6.42	-8.14	50.64	0.179
9.39	24.11	21.96	9.39	24.14	21.97	0.027
-7.46	-6.93	50.53	-7.47	-6.94	50.52	0.016
-7.68	19.65	32.66	-7.85	19.89	32.78	0.315
41.64	-0.97	17.70	41.63	-0.97	17.69	0.021
-7.87	-17.58	-5.33	-7.88	-17.58	-5.33	0.004
-6.81	14.81	0.28	-6.78	14.77	0.29	0.053
-42.21	-4.32	-15.03	-42.10	-4.33	-15.08	0.120
23.99	16.55	35.61	23.96	16.47	35.59	0.090
11.78	18.59	-18.45	11.81	18.59	-18.41	0.043
-7.83	11.93	53.54	-7.92	12.00	53.53	0.118
15.21	7.21	-16.69	15.26	7.17	-16.64	0.086
20.81	18.20	34.13	20.96	18.49	34.26	0.352
-4.17	-17.34	-31.77	-4.09	-17.38	-31.80	0.099
1.35	23.46	29.67	1.35	23.48	29.67	0.024
-5.49	15.92	44.58	-5.54	15.96	44.62	0.073
29.66	18.11	19.61	29.63	18.08	19.59	0.044
25.01	11.70	45.08	24.99	11.69	45.08	0.028
-26.08	-2.31	-42.54	-26.04	-2.38	-42.48	0.091
-17.18	6.82	10.36	-17.02	6.81	10.36	0.162
1.51	-8.81	58.24	1.51	-8.80	58.36	0.120
-27.48	9.33	-18.05	-27.48	9.34	-18.05	0.011
-22.59	9.66	-23.82	-22.52	9.55	-23.82	0.125
-6.61	9.88	-14.75	-6.63	9.97	-14.77	0.100
1.81	-12.46	12.63	1.82	-12.51	12.64	0.048
-27.87	1.81	-12.19	-27.87	1.81	-12.18	0.014
-9.39	-0.70	56.59	-9.43	-0.71	56.60	0.046
-42.97	-5.67	-18.97	-42.94	-5.68	-18.98	0.034

-27.36	9.00	-16.52	-27.36	8.91	-16.56	0.102
5.68	-9.63	38.52	5.73	-9.86	38.51	0.235
-30.80	-21.06	-7.26	-30.78	-21.05	-7.30	0.047
27.67	12.60	34.63	27.61	12.56	34.61	0.072
27.74	5.79	-32.66	27.70	5.79	-32.58	0.091
-10.10	-19.30	-7.38	-10.11	-19.32	-7.37	0.026
-3.72	2.06	-24.93	-3.69	2.09	-24.96	0.049
-27.35	-28.28	-33.15	-27.35	-28.26	-33.15	0.016
42.44	3.10	-8.08	42.44	3.11	-8.09	0.013
-7.88	1.59	58.38	-7.89	1.59	58.41	0.023
-24.47	6.34	-35.56	-24.52	6.46	-35.63	0.146
-13.53	-28.84	-25.28	-13.54	-28.82	-25.28	0.027
-2.61	20.69	4.87	-2.61	20.69	4.88	0.013
41.27	-0.44	-10.10	41.27	-0.44	-10.10	0.008
17.88	9.01	-20.40	17.96	9.05	-20.40	0.088
-33.12	-17.83	-7.32	-33.09	-17.83	-7.35	0.044
-14.65	-12.21	4.00	-14.63	-12.17	3.99	0.040
-16.64	8.25	-27.46	-16.65	8.22	-27.47	0.034
-9.73	-12.17	12.08	-9.75	-12.21	12.09	0.047
2.50	-10.34	44.77	2.51	-10.53	44.77	0.187
-6.46	20.71	7.65	-6.48	20.72	7.63	0.026
-19.50	9.01	-29.16	-19.51	8.93	-29.15	0.085
6.63	23.65	-8.22	6.73	23.63	-8.15	0.123
-24.36	-30.00	-28.47	-24.35	-30.25	-28.51	0.251
23.64	18.26	30.85	23.62	18.23	30.84	0.040
0.28	-10.48	42.31	0.31	-10.81	42.31	0.330
-4.81	-20.92	-33.42	-4.78	-20.93	-33.43	0.036
39.54	2.61	20.32	39.52	2.61	20.30	0.032
-22.53	7.92	-16.75	-22.53	7.94	-16.74	0.023
27.92	9.83	38.31	27.83	9.80	38.29	0.102
-7.17	24.64	21.45	-7.18	24.67	21.46	0.032
-10.88	18.11	9.26	-10.86	18.14	9.14	0.124
-5.83	-7.92	57.52	-5.80	-7.86	57.49	0.070
3.01	-9.89	55.02	3.01	-9.93	55.02	0.037
15.13	-16.78	-1.53	15.14	-16.75	-1.53	0.027
-9.34	-7.42	37.14	-9.36	-7.42	37.14	0.016
-19.14	-4.72	-43.92	-19.13	-4.72	-43.91	0.010
28.91	4.65	38.18	28.83	4.65	38.16	0.075
16.23	-15.63	-10.03	16.22	-15.62	-10.01	0.019
2.86	-16.05	-13.42	2.86	-16.05	-13.42	0.005
-5.69	-8.34	56.07	-5.63	-8.27	56.06	0.090
35.07	-8.26	6.89	35.11	-8.31	6.89	0.059
-9.87	4.11	-33.45	-9.88	4.12	-33.47	0.025
-31.89	7.79	-28.00	-31.85	7.70	-27.96	0.101
-36.68	5.16	-24.76	-36.63	5.12	-24.74	0.067
34.97	-1.32	25.09	34.96	-1.30	25.07	0.032
-35.56	0.81	-35.95	-35.44	0.70	-35.87	0.184
15.64	16.66	-22.32	15.70	16.70	-22.33	0.073
-28.31	-22.53	-6.61	-28.31	-22.53	-6.60	0.010
13.14	26.83	7.75	13.12	26.67	7.72	0.166
12.56	-5.01	-20.69	12.53	-4.99	-20.62	0.077
38.62	-0.69	21.39	38.50	-0.68	21.28	0.166
32.16	7.02	29.44	32.00	6.97	29.35	0.188
39.91	1.07	19.92	39.87	1.07	19.89	0.052

31.40	14.39	22.36	31.55	14.55	22.45	0.237
-1.21	-12.78	-33.64	-1.17	-12.80	-33.64	0.045
12.21	15.95	-16.96	12.21	15.96	-16.95	0.011
-0.64	-10.38	51.52	-0.65	-10.12	51.50	0.264
19.56	9.47	-27.48	19.56	9.46	-27.48	0.011
-21.48	-24.07	-7.91	-21.45	-24.10	-7.86	0.065
-6.43	-12.41	-40.20	-6.43	-12.40	-40.19	0.008
-43.39	-8.39	-17.91	-43.29	-8.40	-17.93	0.100
-39.31	0.22	-15.04	-39.32	0.20	-15.14	0.105
13.26	-8.33	31.42	13.27	-8.37	31.42	0.042
-30.17	-29.16	-24.09	-30.18	-29.18	-24.10	0.022
13.83	-9.36	13.71	13.84	-9.43	13.73	0.069
10.39	27.30	3.65	10.38	27.46	3.67	0.163
-12.70	-24.33	-11.88	-12.71	-24.33	-11.88	0.002
-31.61	-19.78	-41.08	-31.62	-19.79	-41.11	0.036
36.62	-2.31	22.48	36.63	-2.31	22.49	0.015
-20.12	5.38	-13.51	-20.09	5.37	-13.56	0.059
-17.48	4.55	6.19	-17.45	4.54	6.18	0.033
25.35	0.89	48.20	25.20	0.91	48.14	0.161
-34.44	5.47	-13.29	-34.45	5.49	-13.28	0.024
-7.53	-2.27	58.36	-7.54	-2.27	58.39	0.039
45.75	6.26	0.37	45.61	6.21	0.39	0.151
40.12	11.13	15.24	40.12	11.15	15.28	0.046
25.84	13.37	38.74	25.69	13.26	38.68	0.196
-34.99	-26.10	-26.53	-35.11	-26.26	-26.55	0.200
40.81	-0.88	-10.27	40.73	-0.88	-10.23	0.095
-30.51	9.00	-20.94	-30.54	9.14	-20.95	0.146
-8.89	-3.81	55.70	-8.93	-3.81	55.70	0.041
33.43	0.44	27.51	33.49	0.42	27.55	0.075
40.87	9.16	16.18	40.87	9.16	16.19	0.009
22.63	18.61	-33.01	22.55	18.58	-32.88	0.163
-7.37	-19.74	-10.35	-7.33	-19.77	-10.33	0.057
-12.10	-7.40	25.79	-11.99	-7.31	25.77	0.135
-14.71	-29.27	-24.49	-14.68	-29.32	-24.49	0.052
-15.44	-13.24	-42.67	-15.43	-13.29	-42.76	0.104
-36.17	4.27	-14.39	-36.18	4.26	-14.38	0.016
-27.31	-3.11	-42.50	-27.31	-3.11	-42.50	0.002
23.47	-10.78	-14.27	23.46	-10.83	-14.29	0.055
22.12	-11.17	-13.72	22.14	-11.08	-13.68	0.100
-2.07	-4.92	-35.83	-2.07	-4.93	-35.84	0.011
-22.02	8.57	-18.47	-22.02	8.56	-18.47	0.012
-9.21	-9.63	29.09	-9.19	-9.60	29.09	0.031
-40.58	-17.36	-13.93	-40.57	-17.36	-13.96	0.032
39.04	-3.26	19.21	39.00	-3.23	19.14	0.094
-0.98	-0.58	-24.85	-1.00	-0.59	-24.80	0.046
-14.36	17.14	9.05	-14.37	17.16	9.03	0.032
8.40	-10.86	12.16	8.41	-10.91	12.18	0.060
41.18	14.89	5.15	41.24	14.92	5.14	0.059
36.62	11.76	17.40	36.69	11.82	17.47	0.117
8.52	24.97	-10.28	8.61	24.97	-10.18	0.138
39.86	14.98	-6.94	39.90	15.02	-6.94	0.055
-41.82	-15.59	-26.51	-41.70	-15.61	-26.52	0.123
-42.64	-11.41	-16.10	-42.55	-11.41	-16.07	0.099
32.64	-8.28	-18.18	32.67	-8.32	-18.20	0.055

-28.97	6.84	-33.08	-28.95	6.82	-33.06	0.036
-4.14	-19.05	-29.97	-4.07	-19.09	-30.00	0.081
-31.34	3.63	-35.28	-31.31	3.57	-35.25	0.074
12.11	-11.99	8.10	12.11	-11.86	8.05	0.138
20.55	-16.00	-10.57	20.55	-16.00	-10.56	0.014
-7.52	-23.08	-31.92	-7.52	-23.12	-31.94	0.042
20.49	-4.30	53.28	20.49	-4.30	53.28	0.002
-16.44	8.11	-27.59	-16.43	8.14	-27.58	0.031
-6.06	-8.10	53.07	-6.13	-8.19	53.08	0.120
18.70	2.54	57.32	18.70	2.53	57.36	0.041
-34.43	3.61	-14.84	-34.43	3.62	-14.87	0.039
-5.21	-21.17	-33.18	-5.16	-21.17	-33.14	0.061
-40.68	-1.31	-27.17	-40.73	-1.27	-27.18	0.067
-4.99	25.21	17.77	-4.99	25.20	17.77	0.017
-17.94	5.08	-5.11	-18.04	5.21	-5.11	0.164
-15.72	-4.73	-42.27	-15.70	-4.73	-42.31	0.036
-39.64	-6.12	-35.55	-39.61	-6.13	-35.54	0.036
-31.90	-27.34	-15.62	-31.91	-27.37	-15.61	0.028
-18.49	15.96	13.06	-18.62	15.99	13.04	0.131
25.60	17.05	29.24	25.63	17.07	29.25	0.045
-8.34	-0.88	58.04	-8.36	-0.88	58.09	0.051
29.36	-12.13	-13.61	29.39	-12.17	-13.61	0.050
-6.03	-8.37	51.78	-6.05	-8.41	51.79	0.045
-4.74	18.73	5.20	-4.77	18.75	5.18	0.041
21.27	17.54	36.05	21.31	17.62	36.07	0.096